

Pathways highlighted in Fig. 2a						
Condition	Geneset ID	Name in figure	NES	p	p.adjust	q
NecD vs CTRL	ssGSEA.2017_Mesenchymal	GBM-MES	2.6	8.7E-08	2.6E-05	2.1E-05
NecD vs CTRL	ssGSEA.2017_Classical	GBM-CL	-2.0	6.7E-05	3.1E-03	2.5E-03
NecD vs CTRL	HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY	ROS response	2.2	1.4E-04	5.3E-03	4.3E-03
NecD vs CTRL	HALLMARK_INFLAMMATORY_RESPONSE	Inflammatory response	2.1	1.2E-08	4.2E-06	3.4E-06
NecD vs CTRL	HALLMARK_HYPOXIA	Hypoxia response	1.8	1.2E-04	4.8E-03	3.9E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION	VEGF signaling	2.7	1.7E-07	4.2E-05	3.5E-05
NecD vs CTRL	GOBP_LIPID_STORAGE	Lipid storage	1.8	4.6E-04	1.1E-02	9.3E-03

Pathways shown but not highlighted in Fig. 2a						
Condition	Geneset ID	Name in figure	NES	p	p.adjust	q
NecD vs CTRL	Ferroptosis_Driver		1.2	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	Ferroptosis_Suppressor		1.5	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_8_PRODUCTION		2.6	5.8E-09	2.8E-06	2.3E-06
NecD vs CTRL	GOBP_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_PRODUCTION		2.6	5.3E-07	1.0E-04	8.3E-05
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE		2.6	3.9E-08	1.3E-05	1.0E-05
NecD vs CTRL	GOBP_PROSTANOID_METABOLIC_PROCESS		2.5	6.5E-07	1.2E-04	9.6E-05
NecD vs CTRL	GOBP_ACUTE_PHASE_RESPONSE		2.5	3.8E-07	8.3E-05	6.8E-05
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS		2.5	5.7E-06	6.1E-04	5.0E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_CATABOLIC_PROCESS		2.4	2.0E-06	2.9E-04	2.4E-04
NecD vs CTRL	GOBP_PROSTANOID_BIOSYNTHETIC_PROCESS		2.4	4.4E-06	5.0E-04	4.1E-04
NecD vs CTRL	GOBP_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE		2.3	7.4E-06	6.9E-04	5.6E-04
NecD vs CTRL	GOBP_CD4_POSITIVE_ALPHA_BETA_T_CELL_CYTOKINE_PRODUCTION		2.3	4.9E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_INTERLEUKIN_1_MEDIATED_SIGNALING_PATHWAY		2.3	3.2E-04	8.9E-03	7.2E-03
NecD vs CTRL	GOBP_EMBRYO_IMPLANTATION		2.3	1.5E-05	1.1E-03	8.9E-04
NecD vs CTRL	GOBP_ACUTE_INFLAMMATORY_RESPONSE		2.3	3.2E-07	7.6E-05	6.2E-05
NecD vs CTRL	GOBP_REGULATION_OF_GAP_JUNCTION_ASSEMBLY		2.3	2.7E-06	3.6E-04	2.9E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE		2.3	1.6E-04	5.7E-03	4.7E-03
NecD vs CTRL	GOBP_T_CELL_CYTOKINE_PRODUCTION		2.3	1.2E-04	4.8E-03	3.9E-03
NecD vs CTRL	GOBP_REGULATION_OF_COMPLEMENT_ACTIVATION		2.3	1.1E-05	9.3E-04	7.6E-04
NecD vs CTRL	GOBP_HYALURONAN_METABOLIC_PROCESS		2.3	2.3E-04	7.1E-03	5.8E-03
NecD vs CTRL	GOBP_INTERLEUKIN_8_PRODUCTION		2.3	3.1E-06	4.1E-04	3.3E-04
NecD vs CTRL	GOBP_CELL_ADHESION_MOLECULE_PRODUCTION		2.3	7.9E-06	7.1E-04	5.8E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_EXPORT_FROM_NUCLEUS		2.2	1.3E-04	5.1E-03	4.1E-03
NecD vs CTRL	GOBP_GAP_JUNCTION_ASSEMBLY		2.2	1.6E-03	2.6E-02	2.1E-02
NecD vs CTRL	GOBP_HYALURONAN_BIOSYNTHETIC_PROCESS		2.2	2.9E-04	8.3E-03	6.8E-03
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_EXPORT_FROM_NUCLEUS		2.2	3.6E-04	9.8E-03	8.0E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_CYTOKINE_PRODUCTION		2.2	2.2E-04	7.0E-03	5.7E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_BIOSYNTHETIC_PROCESS		2.2	3.7E-05	2.2E-03	1.8E-03
NecD vs CTRL	GOBP_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE		2.2	5.5E-05	2.8E-03	2.3E-03
NecD vs CTRL	GOBP_ENDOCRINE_HORMONE_SECRETION		2.2	1.1E-04	4.5E-03	3.6E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE		2.2	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		2.2	1.6E-03	2.6E-02	2.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE		2.2	5.0E-04	1.2E-02	9.7E-03
NecD vs CTRL	GOBP_REGULATION_OF_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS		2.2	4.7E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_TRANSMEMBRANE_TRANSPORT		2.2	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_ADHESION_TO_VASCULAR_ENDOTHELIAL_CELL		2.2	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	GOBP GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR PRODUCTION		2.2	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOCYTE_CHEMOTACTIC_PROTEIN_1_PRODUCTION		2.1	9.5E-04	1.8E-02	1.5E-02

NecD vs CTRL	GOBP_REGULATION_OF_FATTY_ACID_BIOSYNTHETIC_PROCESS		2.1	4.3E-04	1.1E-02	9.0E-03
NecD vs CTRL	GOBP_REGULATION_OF_NITRIC_OXIDE_METABOLIC_PROCESS		2.1	2.1E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHEMOKINE_PRODUCTION		2.1	1.3E-04	5.1E-03	4.2E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GRANULOCYTE_MACROPHAGE_COLONY_STIMULATING_FACTOR_PRODUCTION		2.1	4.4E-04	1.1E-02	9.1E-03
NecD vs CTRL	GOBP_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS		2.1	2.1E-05	1.4E-03	1.2E-03
NecD vs CTRL	GOBP_ANGIOTENSIN_ACTIVATED_SIGNALING_PATHWAY		2.1	3.9E-03	4.7E-02	3.8E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_EXTERNAL_STIMULUS		2.1	7.8E-05	3.5E-03	2.8E-03
NecD vs CTRL	GOBP_FEVER_GENERATION		2.1	1.7E-04	6.1E-03	5.0E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_INTERLEUKIN_1		2.1	3.6E-05	2.2E-03	1.8E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		2.1	1.3E-03	2.3E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS		2.1	2.5E-04	7.5E-03	6.1E-03
NecD vs CTRL	GOBP_LIPID_EXPORT_FROM_CELL		2.1	2.0E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_1		2.1	1.4E-05	1.0E-03	8.5E-04
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_ADHESION_TO_VASCULAR_ENDOTHELIAL_CELL		2.1	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULATURE_DEVELOPMENT		2.1	1.4E-06	2.2E-04	1.8E-04
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_17		2.1	3.1E-04	8.7E-03	7.1E-03
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_KETONE_METABOLIC_PROCESS		2.1	1.2E-05	9.3E-04	7.6E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_6_PRODUCTION		2.1	4.0E-05	2.3E-03	1.9E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE		2.1	5.1E-03	5.4E-02	4.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOOXYGENASE_ACTIVITY		2.1	5.1E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_REGULATION_OF_COAGULATION		2.0	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NITRIC_OXIDE_METABOLIC_PROCESS		2.0	1.5E-03	2.5E-02	2.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_PROLIFERATION		2.0	4.0E-04	1.0E-02	8.4E-03
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MAP_KINASE_ACTIVITY		2.0	4.7E-04	1.1E-02	9.3E-03
NecD vs CTRL	GOBP_ENDOCRINE_PROCESS		2.0	9.9E-05	4.1E-03	3.3E-03
NecD vs CTRL	GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DEVELOPMENT		2.0	6.2E-03	6.2E-02	5.1E-02
NecD vs CTRL	GOBP_LIVER_REGENERATION		2.0	9.2E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_TETHERING_OR_ROLLING		2.0	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_IMMATURE_T_CELL_PROLIFERATION		2.0	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INFLAMMATORY_RESPONSE		2.0	1.3E-05	1.0E-03	8.2E-04
NecD vs CTRL	GOBP_HEAT_GENERATION		2.0	6.6E-03	6.5E-02	5.3E-02
NecD vs CTRL	GOBP_LEUKOCYTE_AGGREGATION		2.0	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_CATABOLIC_PROCESS		2.0	8.7E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_PROSTAGLANDIN_SECRETION		2.0	7.0E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_MEDIATED_IMMUNITY		2.0	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_TOXIN_METABOLIC_PROCESS		2.0	2.5E-03	3.6E-02	2.9E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS		2.0	3.8E-04	9.9E-03	8.1E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE		2.0	4.4E-05	2.4E-03	2.0E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_P38MAPK_CASCADE		2.0	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_MONOCYTE_CHEMOTACTIC_PROTEIN_1_PRODUCTION		2.0	9.4E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MAPK_CASCADE		2.0	6.4E-06	6.4E-04	5.2E-04
NecD vs CTRL	GOBP_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		2.0	2.7E-04	7.9E-03	6.5E-03
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_CELL_MIGRATION		2.0	5.1E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_COMPLEMENT_ACTIVATION		2.0	8.8E-04	1.8E-02	1.4E-02
NecD vs CTRL	GOBP_REACTIVE_NITROGEN_SPECIES_METABOLIC_PROCESS		2.0	2.5E-04	7.4E-03	6.1E-03
NecD vs CTRL	GOBP_DECIDUALIZATION		2.0	8.4E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_SEQUESTERING_OF_TRIGLYCERIDE		2.0	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_RETINAL_METABOLIC_PROCESS		2.0	1.2E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HEAT_GENERATION		2.0	1.1E-03	2.0E-02	1.6E-02
NecD vs CTRL	GOBP_ICOSANOID_METABOLIC_PROCESS		1.9	3.7E-05	2.2E-03	1.8E-03
NecD vs CTRL	GOBP_CRANIAL_NERVE_STRUCTURAL_ORGANIZATION		1.9	1.1E-03	2.1E-02	1.7E-02

NecD vs CTRL	GOBP_REGULATION_OF_ICOSANOID_SECRETION		1.9	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_CELLULAR_KETONE_METABOLIC_PROCESS		1.9	6.0E-07	1.1E-04	9.1E-05
NecD vs CTRL	GOBP_REGULATION_OF_HEAT_GENERATION		1.9	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_FACIAL_NERVE_MORPHOGENESIS		1.9	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OXIDOREDUCTASE_ACTIVITY		1.9	3.3E-03	4.2E-02	3.4E-02
NecD vs CTRL	GOBP_RESPONSE_TO_ATP		1.9	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_HETEROTYPIC_CELL_CELL_ADHESION		1.9	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_CATABOLIC_PROCESS		1.9	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_PROTEIN_EXPORT_FROM_NUCLEUS		1.9	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_P38MAPK_CASCADE		1.9	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_ASTROCYTE_ACTIVATION		1.9	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE		1.9	1.7E-04	6.2E-03	5.0E-03
NecD vs CTRL	GOBP_VESTIBULOCOCHLEAR_NERVE_DEVELOPMENT		1.9	1.5E-03	2.5E-02	2.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_MEDIATED_IMMUNITY		1.9	3.1E-04	8.6E-03	7.0E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION		1.9	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_PROSTAGLANDIN_TRANSPORT		1.9	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_COAGULATION		1.9	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_ECTOPIC_GERM_CELL_PROGRAMMED_CELL_DEATH		1.9	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_COMPLEMENT_DEPENDENT_CYTOTOXICITY		1.9	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS_BY_HOST		1.9	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_ICOSANOID_BIOSYNTHETIC_PROCESS		1.9	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_BONE_RESORPTION		1.9	1.2E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_PYRIDINE_NUCLEOTIDE_BIOSYNTHETIC_PROCESS		1.9	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION		1.9	4.3E-03	5.0E-02	4.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_NITRIC_OXIDE_SYNTHASE_ACTIVITY		1.9	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_DITERPENOID_BIOSYNTHETIC_PROCESS		1.9	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	GOBP_RETINOIC_ACID_METABOLIC_PROCESS		1.9	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_REGULATION_OF_MONOOXYGENASE_ACTIVITY		1.9	4.8E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_BONE_RESORPTION		1.9	1.8E-03	2.8E-02	2.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HOMOTYPIC_CELL_CELL_ADHESION		1.9	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_T_HELPER_1_TYPE_IMMUNE_RESPONSE		1.9	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_PROSTAGLANDIN_SECRETION		1.9	5.5E-03	5.7E-02	4.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_1_TYPE_IMMUNE_RESPONSE		1.9	3.4E-03	4.3E-02	3.5E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HORMONE_SECRETION		1.9	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	GOBP_BLASTODERM_SEGMENTATION		1.9	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_ENDOTHELIAL_CELL_DIFFERENTIATION		1.8	5.9E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_RESPONSE_TO_ANGIOTENSIN		1.8	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_NEUTROPHIL_CHEMOTAXIS		1.8	2.3E-04	7.1E-03	5.8E-03
NecD vs CTRL	GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE		1.8	3.5E-04	9.5E-03	7.7E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HETEROTYPIC_CELL_CELL_ADHESION		1.8	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_RESPONSE_TO_HYDROPEROXIDE		1.8	4.6E-03	5.1E-02	4.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NITRIC_OXIDE_METABOLIC_PROCESS		1.8	7.4E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_BONE_REMODELING		1.8	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TYPE_II_INTERFERON_PRODUCTION		1.8	1.9E-03	3.0E-02	2.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE		1.8	2.8E-05	1.8E-03	1.5E-03
NecD vs CTRL	GOBP_REGULATION_OF_PLASMINOGEN_ACTIVATION		1.8	1.4E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_TRIGEMINAL_NERVE_DEVELOPMENT		1.8	7.5E-03	6.9E-02	5.7E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEROID_HORMONE_SECRETION		1.8	3.2E-03	4.1E-02	3.3E-02
NecD vs CTRL	GOBP_PROGRAMMED_CELL_DEATH_INVOLVED_IN_CELL_DEVELOPMENT		1.8	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_PROLIFERATION		1.8	8.3E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_NEUROINFLAMMATORY_RESPONSE		1.8	4.6E-04	1.1E-02	9.3E-03

NecD vs CTRL	GOBP_REGULATION_OF_FATTY_ACID_OXIDATION		1.8	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_NEUTROPHIL_MIGRATION		1.8	6.6E-04	1.4E-02	1.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_OXIDATION		1.8	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_PLASTICITY		1.8	3.7E-03	4.5E-02	3.7E-02
NecD vs CTRL	GOBP_TISSUE_REMODELING		1.8	4.9E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_SHORT_TERM_MEMORY		1.8	4.0E-03	4.7E-02	3.9E-02
NecD vs CTRL	GOBP_ICOSANOID_SECRETION		1.8	3.2E-03	4.1E-02	3.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLIOGENESIS		1.8	2.5E-03	3.6E-02	2.9E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_TRANSPORT		1.8	3.9E-03	4.7E-02	3.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_GLIAL_CELL_PROLIFERATION		1.8	5.1E-03	5.4E-02	4.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_HOMOTYPIC_CELL_CELL_ADHESION		1.8	7.3E-03	6.8E-02	5.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VOLTAGE_GATED_POTASSIUM_CHANNEL_ACTIVITY		1.8	5.2E-03	5.6E-02	4.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ADAPTIVE_IMMUNE_RESPONSE		1.8	2.0E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_REGULATION_OF_PINOCYTOSIS		1.8	8.9E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_HUMORAL_IMMUNE_RESPONSE		1.8	3.3E-06	4.2E-04	3.4E-04
NecD vs CTRL	GOBP_AROMATIC_AMINO_ACID_FAMILY_CATABOLIC_PROCESS		1.8	8.9E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS		1.8	4.8E-03	5.3E-02	4.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_MONOATOMIC_ANION_TRANSPORT		1.8	8.9E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_COMPLEMENT_ACTIVATION_CLASSICAL_PATHWAY		1.8	7.0E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		1.8	4.7E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOTIC_NUCLEAR_DIVISION		1.8	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_MULTI_MULTICELLULAR_ORGANISM_PROCESS		1.8	2.8E-05	1.8E-03	1.5E-03
NecD vs CTRL	GOBP_REGULATION_OF_VASCULATURE_DEVELOPMENT		1.8	1.1E-06	1.8E-04	1.5E-04
NecD vs CTRL	GOBP_CHEMOKINE_PRODUCTION		1.8	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_HETEROTYPIC_CELL_CELL_ADHESION		1.8	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOKINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE		1.8	5.0E-03	5.4E-02	4.4E-02
NecD vs CTRL	GOBP_TYPE_II_INTERFERON_PRODUCTION		1.8	7.5E-04	1.6E-02	1.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_MEDIATED_IMMUNITY		1.8	4.8E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ANGIOTENSIN		1.8	5.3E-03	5.6E-02	4.6E-02
NecD vs CTRL	GOBP_MONOCYTE_CHEMOTAXIS		1.8	3.6E-03	4.5E-02	3.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_PLATELET_AGGREGATION		1.8	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS		1.8	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_ICOSANOID_TRANSPORT		1.8	1.7E-03	2.7E-02	2.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PLATELET_AGGREGATION		1.8	1.1E-02	8.5E-02	6.9E-02
NecD vs CTRL	GOBP_REGULATION_OF_VENTRICULAR_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		1.8	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_PYRIDINE_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS		1.8	5.5E-03	5.8E-02	4.7E-02
NecD vs CTRL	GOBP_SECONDARY_METABOLIC_PROCESS		1.8	6.6E-03	6.5E-02	5.3E-02
NecD vs CTRL	GOBP_MESENCHYMAL_TO_EPITHELIAL_TRANSITION		1.8	8.6E-03	7.5E-02	6.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY		1.8	6.5E-04	1.4E-02	1.2E-02
NecD vs CTRL	GOBP_INTERLEUKIN_6_PRODUCTION		1.8	5.0E-04	1.2E-02	9.7E-03
NecD vs CTRL	GOBP_DENDRITIC_CELL_ANTIGEN_PROCESSING_AND_PRESENTATION		1.8	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_FATTY_ACID_BETA_OXIDATION		1.8	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	GOBP_CELLULAR_DEFENSE_RESPONSE		1.7	3.9E-03	4.7E-02	3.8E-02
NecD vs CTRL	GOBP_DICARBOXYLIC_ACID_BIOSYNTHETIC_PROCESS		1.7	1.3E-02	9.6E-02	7.8E-02
NecD vs CTRL	GOBP_UNSATURATED_FATTY_ACID_METABOLIC_PROCESS		1.7	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_JUNCTION_ASSEMBLY		1.7	1.9E-02	1.2E-01	9.9E-02
NecD vs CTRL	GOBP_P38MAPK_CASCADE		1.7	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_LEUKOCYTE_CHEMOTAXIS		1.7	1.4E-05	1.0E-03	8.5E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FATTY_ACID_BETA_OXIDATION		1.7	6.9E-03	6.6E-02	5.4E-02
NecD vs CTRL	GOBP_INFLAMMATORY_RESPONSE_TO_ANTIAGENIC_STIMULUS		1.7	3.5E-03	4.3E-02	3.5E-02
NecD vs CTRL	GOBP_T_CELL_MEDIATED_IMMUNITY		1.7	5.9E-04	1.3E-02	1.1E-02

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_IMMUNE_EFFECTOR_PROCESS		1.7	2.3E-05	1.5E-03	1.2E-03
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_6		1.7	1.0E-02	8.2E-02	6.7E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ERK1_AND_ERK2_CASCADE		1.7	1.8E-03	2.8E-02	2.3E-02
NecD vs CTRL	GOBP_GLIAL_CELL_ACTIVATION		1.7	1.1E-02	8.6E-02	7.0E-02
NecD vs CTRL	GOBP_AMINOGLYCOSIDE_ANTIBIOTIC_METABOLIC_PROCESS		1.7	9.9E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		1.7	4.8E-03	5.2E-02	4.3E-02
NecD vs CTRL	GOBP_FATTY_ACID_TRANSMEMBRANE_TRANSPORT		1.7	8.0E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_HORMONE_CATABOLIC_PROCESS		1.7	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_MOLECULE_OF_BACTERIAL_ORIGIN		1.7	1.3E-04	5.0E-03	4.1E-03
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NUCLEAR_BODY		1.7	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_FATTY_ACID_TRANSPORT		1.7	6.9E-03	6.7E-02	5.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASOCONSTRICTION		1.7	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	GOBP_UNSATURATED_FATTY_ACID_BIOSYNTHETIC_PROCESS		1.7	8.2E-03	7.3E-02	5.9E-02
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_REPAIR		1.7	7.6E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_TETHERING_OR_ROLLING		1.7	2.3E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MUSCLE_CONTRACTION		1.7	8.4E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_CARNITINE_METABOLIC_PROCESS		1.7	7.9E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TYPE_2_IMMUNE_RESPONSE		1.7	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_EATING_BEHAVIOR		1.7	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MECHANICAL_STIMULUS		1.7	9.8E-05	4.1E-03	3.3E-03
NecD vs CTRL	GOBP_INTERLEUKIN_2_PRODUCTION		1.7	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY		1.7	8.1E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_DENDRITIC_SPINE_MAINTENANCE		1.7	1.0E-02	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_ARGININE_METABOLIC_PROCESS		1.7	2.4E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION		1.7	7.5E-03	6.9E-02	5.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_FATTY_ACID_BETA_OXIDATION		1.7	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION		1.7	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_PEPTIDE_ANTIGEN_ASSEMBLY_WITH_MHC_CLASS_II_PROTEIN_COMPLEX		1.7	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_APOPTOTIC_CELL_CLEARANCE		1.7	1.3E-02	9.4E-02	7.7E-02
NecD vs CTRL	GOBP_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN		1.7	8.1E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_LEUKOCYTE_ADHESION_TO_VASCULAR_ENDOTHELIAL_CELL		1.7	8.2E-03	7.3E-02	5.9E-02
NecD vs CTRL	GOBP_INFLAMMATORY_RESPONSE_TO_WOUNDING		1.7	7.8E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PLATELET_AGGREGATION		1.7	9.5E-03	7.9E-02	6.4E-02
NecD vs CTRL	GOBP_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE		1.7	1.8E-04	6.4E-03	5.2E-03
NecD vs CTRL	GOBP_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		1.7	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_PINOCYTOSIS		1.7	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	GOBP_GRANULOCYTE_MIGRATION		1.7	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY		1.7	9.5E-05	4.0E-03	3.3E-03
NecD vs CTRL	GOBP_PEPTIDE_CROSS_LINKING		1.7	9.7E-03	8.0E-02	6.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_ADAPTIVE_IMMUNE_RESPONSE		1.7	2.7E-04	7.8E-03	6.4E-03
NecD vs CTRL	GOBP_MATERNAL_PLACENTA_DEVELOPMENT		1.7	1.1E-02	8.4E-02	6.9E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TYPE_II_INTERFERON_PRODUCTION		1.7	8.1E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_POLYKETIDE_METABOLIC_PROCESS		1.7	1.5E-02	1.0E-01	8.6E-02
NecD vs CTRL	GOBP_ASTROCYTE_DEVELOPMENT		1.7	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_MUSCLE_CELL_MIGRATION		1.7	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_TOLL LIKE RECEPTOR SIGNALING PATHWAY		1.7	5.9E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_GRANULOCYTE_CHEMOTAXIS		1.7	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_MIGRATION		1.7	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_SYMPATHETIC_NERVOUS_SYSTEM_DEVELOPMENT		1.7	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_GRAM_POSITIVE_BACTERIUM		1.7	1.5E-03	2.5E-02	2.0E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FIBRINOLYSIS		1.7	2.0E-02	1.3E-01	1.0E-01

NecD vs CTRL	GOBP_GLYCOSIDE_METABOLIC_PROCESS		1.7	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_PROGESTERONE_METABOLIC_PROCESS		1.7	1.3E-02	9.4E-02	7.7E-02
NecD vs CTRL	GOBP_PARASYMPATHETIC_NERVOUS_SYSTEM_DEVELOPMENT		1.7	1.4E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FIBROBLAST_PROLIFERATION		1.7	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_COMPLEMENT_RECEPTOR_MEDIATED_SIGNALING_PATHWAY		1.7	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	GOBP_ANATOMICAL_STRUCTURE_ARRANGEMENT		1.7	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_RETINOL_METABOLIC_PROCESS		1.7	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_MEMBRANE_PROTEIN_ECTODOMAIN_PROTEOLYSIS		1.7	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_MIGRATION		1.7	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_HYPERSENSITIVITY		1.7	1.7E-02	1.1E-01	9.4E-02
NecD vs CTRL	GOBP_HEMOSTASIS		1.7	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEAR_DIVISION		1.7	5.2E-03	5.6E-02	4.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_TELOMERE		1.6	1.7E-02	1.1E-01	9.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		1.6	1.7E-03	2.7E-02	2.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PEPTIDYL_THREONINE_PHOSPHORYLATION		1.6	1.1E-02	8.5E-02	7.0E-02
NecD vs CTRL	GOBP_EXTRACELLULAR_MATRIX_DISASSEMBLY		1.6	6.2E-03	6.2E-02	5.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_INSULIN_RECEPTOR_SIGNALING_PATHWAY		1.6	6.7E-03	6.5E-02	5.3E-02
NecD vs CTRL	GOBP_MATERNAL_PROCESS_INVOLVED_IN_FEMALE_PREGNANCY		1.6	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_DIVISION		1.6	8.8E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_VASOCONSTRICTION		1.6	9.7E-03	8.0E-02	6.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_STEROID_HORMONE_SECRETION		1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND		1.6	1.5E-02	1.0E-01	8.4E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_BIOTIC_STIMULUS		1.6	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	GOBP_TRIPARTITE_REGIONAL_SUBDIVISION		1.6	1.5E-02	1.0E-01	8.6E-02
NecD vs CTRL	GOBP_EXCRETION		1.6	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUCOSE_TRANSMEMBRANE_TRANSPORT		1.6	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_CHEMOTAXIS		1.6	8.7E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN		1.6	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_CELL_CELL_ADHESION		1.6	6.0E-05	2.9E-03	2.4E-03
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY		1.6	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_LYMPHOCYTE_MEDIATED_IMMUNITY		1.6	4.4E-05	2.4E-03	2.0E-03
NecD vs CTRL	GOBP_PROTEIN_IMPORT_INTO_MITOCHONDRIAL_MATRIX		1.6	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_HORMONE_SECRETION		1.6	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_REGULATION_OF_WOUND_HEALING		1.6	1.8E-03	2.9E-02	2.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_PROLIFERATION		1.6	7.9E-04	1.6E-02	1.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_IMMUNOGLOBULIN_PRODUCTION		1.6	8.7E-03	7.5E-02	6.2E-02
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_7		1.6	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_INTEGRIN_MEDIATED_SIGNALING_PATHWAY		1.6	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_HYPOTHALAMUS_CELL_DIFFERENTIATION		1.6	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_OXIDOREDUCTASE_ACTIVITY		1.6	9.1E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_BONE_REMODELING		1.6	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INSULIN_SECRETION_INVOLVED_IN_CELLULAR_RESPONSE_TO_GLUCOSE_STIMULUS		1.6	1.6E-02	1.1E-01	8.7E-02
NecD vs CTRL	GOBP_CELL_CELL_JUNCTION_ASSEMBLY		1.6	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ORGANIC_ACID_TRANSPORT		1.6	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_ADAPTIVE_IMMUNE_RESPONSE_BASED_ON_SOMATIC_RECOMBINATION_OF_IMMUNE_RECEPTORS_BUILT_FROM_IMMUNOGLOBULIN_SUPERFAMILY_DOMAINS		1.6	3.9E-05	2.3E-03	1.9E-03
NecD vs CTRL	GOBP_CELL_CHEMOTAXIS		1.6	5.0E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEOCYTOPLASMIC_TRANSPORT		1.6	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION		1.6	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_IMMUNE_EFFECTOR_PROCESS		1.6	5.0E-06	5.5E-04	4.5E-04
NecD vs CTRL	GOBP_FIBRINOLYSIS		1.6	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_AMINO_ACID_BETAINE_METABOLIC_PROCESS		1.6	2.1E-02	1.3E-01	1.0E-01

NecD vs CTRL	GOBP_REGULATION_OF_FIBRINOLYSIS		1.6	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ANOIKIS		1.6	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_KETONE_CATABOLIC_PROCESS		1.6	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_HYPERSENSITIVITY		1.6	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MOLECULE_OF_BACTERIAL_ORIGIN		1.6	1.6E-05	1.2E-03	9.4E-04
NecD vs CTRL	GOBP_FATTY_ACID_TRANSPORT		1.6	4.6E-03	5.1E-02	4.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_ODONTOBLAST_DIFFERENTIATION		1.6	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_LIPID_OXIDATION		1.6	4.7E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_RESPONSE_TO_ORGANOPHOSPHORUS		1.6	4.3E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_HYDROGEN_PEROXIDE_BIOSYNTHETIC_PROCESS		1.6	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_EXOGENOUS_PEPTIDE_ANTIGEN_VIA_MHC_CLASS_II		1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOKINE_PRODUCTION		1.6	1.6E-06	2.5E-04	2.0E-04
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_COPPER_ION		1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY		1.6	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_FATTY_ACID		1.6	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_T_HELPER_2_CELL_CYTOKINE_PRODUCTION		1.6	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HOMOTYPIC_CELL_CELL_ADHESION		1.6	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMALL_MOLECULE_METABOLIC_PROCESS		1.6	4.0E-03	4.7E-02	3.9E-02
NecD vs CTRL	GOBP_FATTY_ACID_BETA_OXIDATION_USING_ACYL_COA_DEHYDROGENASE		1.6	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_FATTY_ACID_CATABOLIC_PROCESS		1.6	9.9E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_COMPLEMENT_ACTIVATION_ALTERNATIVE_PATHWAY		1.6	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_MONOCYTE_ACTIVATION		1.6	4.8E-02	2.1E-01	1.8E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_EXOGENOUS_ANTIGEN		1.6	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_STEROID_HORMONE_SECRETION		1.6	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TYROSINE_PHOSPHORYLATION_OF_STAT_PROTEIN		1.6	9.8E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		1.6	9.0E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_LEUKOCYTE_MIGRATION		1.6	1.8E-05	1.2E-03	9.8E-04
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUTROPHIL_MIGRATION		1.6	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_APOPTOTIC_PROCESS		1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		1.6	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_NF_KAPPAB_INDUCING_KINASE_ACTIVITY		1.6	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NAD_BIOSYNTHESIS_VIA_NICOTINAMIDE_RIBOSIDE_SALVAGE_PATHWAY		1.6	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_FIBROBLAST_PROLIFERATION		1.6	8.3E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS		1.6	9.5E-03	8.0E-02	6.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS		1.6	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_FILAMENT_BASED_MOVEMENT		1.6	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_MATURATION		1.6	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS		1.6	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		1.6	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_SECRETION		1.6	1.4E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_PROLIFERATION		1.6	3.7E-03	4.5E-02	3.7E-02
NecD vs CTRL	GOBP_MYELOID_LEUKOCYTE_MIGRATION		1.6	3.0E-04	8.5E-03	7.0E-03
NecD vs CTRL	GOBP_REGULATION_OF_TISSUE_REMODELING		1.6	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_DEVELOPMENT		1.6	8.0E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS		1.6	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_DETOXIFICATION_OF_INORGANIC_COMPOUND		1.6	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PEPTIDYL_SERINE_PHOSPHORYLATION		1.6	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GRANULOCYTE_CHEMOTAXIS		1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_ACETYL_COA_BIOSYNTHETIC_PROCESS_FROM_PYRUVATE		1.6	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_INSULIN_SECRETION		1.6	2.7E-03	3.7E-02	3.0E-02
NecD vs CTRL	GOBP_MYD88_DEPENDENT_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY		1.6	2.7E-02	1.5E-01	1.3E-01

NecD vs CTRL	GOBP_RESPONSE_TO_FATTY_ACID		1.6	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_PRIMARY_ALCOHOL_METABOLIC_PROCESS		1.6	1.3E-02	9.6E-02	7.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NON_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		1.6	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_MIGRATION		1.6	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TYPE_II_INTERFERON		1.6	8.4E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_RECEPTOR_MEDIATED_ENDOCYTOSIS_OF_VIRUS_BY_HOST_CELL		1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_ODONTOBLAST_DIFFERENTIATION		1.5	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_OLEFINIC_COMPOUND_METABOLIC_PROCESS		1.5	3.2E-03	4.1E-02	3.3E-02
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_OR_POLYSACCHARIDE_ANTIGEN_VIA_MHC_CLASS_II		1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOCYTOPLASMIC_TRANSPORT		1.5	1.5E-02	1.0E-01	8.4E-02
NecD vs CTRL	GOBP_ANTIMICROBIAL_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_ANTIMICROBIAL_PEPTIDE		1.5	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	GOBP_GLIAL_CELL_PROLIFERATION		1.5	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH		1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_IMMUNOGLOBULIN_PRODUCTION		1.5	2.7E-02	1.5E-01	1.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERFERON_BETA		1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_INFLAMMATORY_RESPONSE		1.5	4.5E-05	2.4E-03	2.0E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_NITROGEN_LEVELS		1.5	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_TYROSINE_KINASE_ACTIVITY		1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		1.5	1.5E-02	1.1E-01	8.7E-02
NecD vs CTRL	GOBP_ADHESION_OF_SYMBIONT_TO_HOST_CELL		1.5	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPASE_ACTIVITY		1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_MEMBRANE_PROTEIN_PROTEOLYSIS		1.5	1.5E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_DENDRITE_ARBORIZATION		1.5	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_SEVERING		1.5	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_PRIMARY_MIRNA_PROCESSING		1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_HORMONE_TRANSPORT		1.5	8.9E-05	3.8E-03	3.1E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_EXOGENOUS_DSRNA		1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_GLUTATHIONE_TRANSPORT		1.5	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_MIGRATION		1.5	7.0E-03	6.7E-02	5.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_ANOIKIS		1.5	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_OLIGOPEPTIDE_TRANSPORT		1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_IMMUNOLOGICAL_MEMORY_FORMATION_PROCESS		1.5	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_WOUND_HEALING		1.5	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_GRAM_NEGATIVE_BACTERIUM		1.5	1.1E-02	8.8E-02	7.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_NUTRIENT_LEVELS		1.5	8.1E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_ELECTRON_TRANSPORT_CYTOCHROME_C_TO_OXYGEN		1.5	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DEFENSE_RESPONSE		1.5	6.2E-06	6.4E-04	5.2E-04
NecD vs CTRL	GOBP_MONOCARBOXYLIC_ACID_CATABOLIC_PROCESS		1.5	6.6E-03	6.5E-02	5.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PEPTIDYL_TYROSINE_PHOSPHORYLATION		1.5	4.2E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_DELAYED_RECTIFIER_POTASSIUM_CHANNEL_ACTIVITY		1.5	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_IMMUNOLOGICAL_MEMORY_PROCESS		1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_CELLULAR_OXIDANT_DETOXIFICATION		1.5	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS		1.5	7.4E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MITOCHONDRIAL_OUTER_MEMBRANE_PERMEABILIZATION_INVOLVED_IN_APOPTOTIC_SIGNALING_PATHWAY		1.5	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_POLYOL_TRANSMEMBRANE_TRANSPORT		1.5	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_LOCALIZATION		1.5	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_TAXIS		1.5	3.2E-05	2.0E-03	1.7E-03
NecD vs CTRL	GOBP_FIBROBLAST_PROLIFERATION		1.5	1.1E-02	8.8E-02	7.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_EXCRETION		1.5	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_INSULIN_SECRETION		1.5	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	GOBP_RESPONSE_TO_HYPEROXIA		1.5	8.3E-02	3.0E-01	2.5E-01

NecD vs CTRL	GOBP_RESPONSE_TO_PURINE_CONTAINING_COMPOUND		1.5	7.4E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_PLATELET_AGGREGATION		1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_MODULATION_BY_SYMBIONT_OF_ENTRY_INTO_HOST		1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_AMINOGLYCAN_BIOSYNTHETIC_PROCESS		1.5	3.1E-02	1.7E-01	1.3E-01
NecD vs CTRL	GOBP_ANIMAL_ORGAN_REGENERATION		1.5	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_INTERLEUKIN_6_MEDIATED_SIGNALING_PATHWAY		1.5	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLL LIKE RECEPTOR_3_SIGNALING_PATHWAY		1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION		1.5	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND		1.5	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_TYPE_2_IMMUNE_RESPONSE		1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_MUCOPOLYSACCHARIDE_METABOLIC_PROCESS		1.5	1.2E-02	9.2E-02	7.5E-02
NecD vs CTRL	GOBP_BASEMENT_MEMBRANE_ORGANIZATION		1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_LEUKOCYTE_CELL_CELL_ADHESION		1.5	4.8E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDE_TRANSPORT		1.5	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_BACTERIUM		1.5	3.1E-04	8.6E-03	7.0E-03
NecD vs CTRL	GOBP_RESPONSE_TO_ISOQUINOLINE_ALKALOID		1.5	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSMEMBRANE_TRANSPORT		1.5	9.6E-03	8.0E-02	6.5E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_TRANSPORT		1.5	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_MUCUS_SECRETION		1.5	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_PROLIFERATION		1.5	8.4E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_10_PRODUCTION		1.5	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_DIFFERENTIATION_IN_THYMUS		1.5	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PLATELET_ACTIVATION		1.5	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_CD40_SIGNALING_PATHWAY		1.5	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_MUSCLE_ADAPTATION		1.5	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION		1.5	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SPROUTING_ANGIOGENESIS		1.5	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_DETOXIFICATION_OF_COPPER_ION		1.5	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_PLASMINOGEN_ACTIVATION		1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORT		1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_ANTIMICROBIAL_HUMORAL_RESPONSE		1.5	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_POTASSIUM_ION_TRANSPORT		1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_THYROID_HORMONE_STIMULUS		1.5	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_DITERPENOID_METABOLIC_PROCESS		1.5	1.5E-02	1.1E-01	8.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_LIPOPROTEIN_LIPASE_ACTIVITY		1.5	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_RETROGRADE_PROTEIN_TRANSPORT_ER_TO_CYTOSOL		1.5	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_CONTRACTION		1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NUCLEOPLASM		1.5	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RHO_PROTEIN_SIGNAL_TRANSDUCTION		1.5	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_C21_STEROID_HORMONE_METABOLIC_PROCESS		1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_LEUKOCYTE_MEDIATED_IMMUNITY		1.5	2.0E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_TONIC_SMOOTH_MUSCLE_CONTRACTION		1.5	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_INDUCION_OF_POSITIVE_CHEMOTAXIS		1.5	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDYL_TYROSINE_PHOSPHORYLATION		1.5	4.0E-03	4.7E-02	3.9E-02
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_ENDOTHELIAL_BARRIER		1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_DEGRANULATION		1.5	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_METABOLIC_PROCESS		1.5	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_SULFUR_METABOLIC_PROCESS		1.5	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_POTASSIUM_ION_TRANSPORT		1.5	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_EXOGENOUS_PEPTIDE_ANTIGEN		1.5	3.7E-02	1.9E-01	1.5E-01

NecD vs CTRL	GOBP_AMINO_SUGAR_BIOSYNTHETIC_PROCESS		1.5	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDYL_THREONINE_PHOSPHORYLATION		1.5	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_PIGMENT_GRANULE_LOCALIZATION		1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOCYTE_CHEMOTAXIS		1.5	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_MONOCARBOXYLIC_ACID_TRANSPORT		1.5	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_ADAPTATION		1.5	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_CELL_ADHESION_MEDIATED_BY_INTEGRIN		1.5	8.0E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_AXONEMAL_DYNEIN_COMPLEX_ASSEMBLY		1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_ACUTE_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS		1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_RAFT_ORGANIZATION		1.5	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_MACROPHAGE_CYTOKINE_PRODUCTION		1.4	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT		1.4	1.8E-02	1.2E-01	9.6E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_OXYGEN_RADICAL		1.4	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SMALL_MOLECULE_METABOLIC_PROCESS		1.4	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_KYNURENINE_METABOLIC_PROCESS		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_ADAPTIVE_IMMUNE_RESPONSE		1.4	9.6E-05	4.0E-03	3.3E-03
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_ACTIVATION		1.4	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_TETRAPYRROLE_CATABOLIC_PROCESS		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_BENZENE_CONTAINING_COMPOUND_METABOLIC_PROCESS		1.4	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_CHEMOTAXIS		1.4	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_INTERLEUKIN_10_PRODUCTION		1.4	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEART_RATE_BY_CARDIAC_CONDUCTION		1.4	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_LEUKOCYTE_MIGRATION_INVOLVED_IN_INFLAMMATORY_RESPONSE		1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_JNK_CASCADE		1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_AUTONOMIC_NERVOUS_SYSTEM_DEVELOPMENT		1.4	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_WOUND_HEALING		1.4	2.1E-04	6.7E-03	5.5E-03
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MATURATION		1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLIOGENESIS		1.4	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_GLIAL_CELL_DERIVED_NEUROTROPHIC_FACTOR_RECEPTOR_SIGNALING_PATHWAY		1.4	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_LOCALIZATION		1.4	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_MEMBRANE_RAFT_ORGANIZATION		1.4	7.6E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_PERISTALSIS		1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_COMMUNICATION_BY_ELECTRICAL_COUPLING_INVOLVED_IN_CARDIAC_CONDUCTION		1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_RENAL_TUBULAR_SECRETION		1.4	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HORMONE_METABOLIC_PROCESS		1.4	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_ACTIN_MYOSIN_FILAMENT_SLIDING		1.4	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_TYPE_B_PANCREATIC_CELL_PROLIFERATION		1.4	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_BODY_FLUID_LEVELS		1.4	3.8E-04	9.9E-03	8.1E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION		1.4	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_ADHESION		1.4	9.9E-05	4.1E-03	3.3E-03
NecD vs CTRL	GOBP_LIVER_MORPHOGENESIS		1.4	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PIGMENT_GRANULE_LOCALIZATION		1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_DENDRITE_SELF_AVOIDANCE		1.4	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_WOUND_HEALING		1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_STORAGE		1.4	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_DETOXIFICATION		1.4	1.2E-02	9.0E-02	7.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_ENDOCRINE_PROCESS		1.4	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_TERTIARY_ALCOHOL_METABOLIC_PROCESS		1.4	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_MESODERMAL_CELL_DIFFERENTIATION		1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_AMINE_BIOSYNTHETIC_PROCESS		1.4	7.5E-02	2.8E-01	2.3E-01

NecD vs CTRL	GOBP_PEPTIDE_ANTIGEN_ASSEMBLY_WITH_MHC_PROTEIN_COMPLEX		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_INTERLEUKIN_17_PRODUCTION		1.4	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_MDA_5_SIGNALING_PATHWAY		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_T_HELPER_17_TYPE_IMMUNE_RESPONSE		1.4	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_MEDIATED_IMMUNE_RESPONSE_TO_TUMOR_CELL		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MEIOTIC_NUCLEAR_DIVISION		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_CD4_POSITIVE_CD25_POSITIVE_ALPHA_BETA_REGULATORY_T_CELL_DIFFERENTIATION		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_ELASTIC_FIBER_ASSEMBLY		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_COAGULATION		1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_HORMONE_METABOLIC_PROCESS		1.4	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_WOUNDING		1.4	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHEMOTAXIS		1.4	1.5E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_KETONE_BIOSYNTHETIC_PROCESS		1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BONE_RESORPTION		1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_TRYPTOPHAN_METABOLIC_PROCESS		1.4	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_ENDODERM_FORMATION		1.4	2.3E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_TRANSPORT		1.4	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_MICROGLIAL_CELL_ACTIVATION		1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CELL_ADHESION		1.4	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY		1.4	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	GOBP_B_CELL_MEDIATED_IMMUNITY		1.4	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ERAD_PATHWAY		1.4	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_AMINOGLYCAN_CATABOLIC_PROCESS		1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS		1.4	1.2E-01	3.7E-01	3.1E-01
NecD vs CTRL	GOBP_T_HELPER_17_CELL_DIFFERENTIATION		1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUTROPHIL_CHEMOTAXIS		1.4	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_AMINOGLYCAN_METABOLIC_PROCESS		1.4	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_OUTER_MEMBRANE_PERMEABILIZATION_INVOLVED_IN_APOPTOTIC_SIGNALING_PATHWAY		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_BIOLOGICAL_PROCESS_INVOLVED_IN_SYMBIOTIC_INTERACTION		1.4	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_VASOCONSTRICTION		1.4	2.7E-02	1.5E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_ACTIVATION		1.4	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BONE_REMODELING		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_PHENOL_CONTAINING_COMPOUND_CATABOLIC_PROCESS		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_APOPTOTIC_PROCESS		1.4	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_COLLAGEN_BIOSYNTHETIC_PROCESS		1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION		1.4	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTRACELLULAR_PROTEIN_TRANSPORT		1.4	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_LIPID_CATABOLIC_PROCESS		1.4	1.9E-03	3.0E-02	2.5E-02
NecD vs CTRL	GOBP_NON_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_T_CELL_PROLIFERATION		1.4	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_MATURATION		1.4	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_ASTROCYTE_DIFFERENTIATION		1.4	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_PLASMA_CELL_DIFFERENTIATION		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ETHANOL		1.4	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_RESPONSE_TO_TUMOR_NECROSIS_FACTOR		1.4	1.1E-02	8.6E-02	7.0E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_INTERFERON_BETA		1.4	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INCREASED_OXYGEN_LEVELS		1.4	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_DSRNA		1.4	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_AXONAL_FASCICULATION		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP GRANULOCYTE ACTIVATION		1.4	5.9E-02	2.5E-01	2.0E-01

NecD vs CTRL	GOBP_METANEPHROS_MORPHOGENESIS		1.4	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MISFOLDED_PROTEIN		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_ACTIVATION		1.4	9.1E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_HEPATICOBILIARY_SYSTEM_DEVELOPMENT		1.4	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_KINASE_ACTIVITY		1.4	1.3E-02	9.4E-02	7.6E-02
NecD vs CTRL	GOBP_AROMATIC_AMINO_ACID_METABOLIC_PROCESS		1.4	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF KERATINOCYTE MIGRATION		1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CADMIUM_ION		1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_MESENCHYMAL_TO_EPITHELIAL_TRANSITION_INVOLVED_IN_METANEPHROS_MORPHOGENESIS		1.4	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_ORGAN_OR_TISSUE_SPECIFIC_IMMUNE_RESPONSE		1.4	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_THYROID_HORMONE		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_INVAGINATION		1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PEPTIDYL_TYROSINE_PHOSPHORYLATION		1.4	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_CEREBROSPINAL_FLUID_CIRCULATION		1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_CELL_CHEMOTAXIS		1.4	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_B_CELL_PROLIFERATION		1.4	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_GONADOTROPIN		1.4	9.3E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_NOREPINEPHRINE_METABOLIC_PROCESS		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_L_ASCORBIC_ACID_METABOLIC_PROCESS		1.4	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_CATABOLIC_PROCESS		1.4	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ALDEHYDE		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHETIC_PROCESS		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_FERROPTOSIS		1.4	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ENDOTHELIAL_CELL_PROLIFERATION		1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_MIDGUT_DEVELOPMENT		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_TOXIC_SUBSTANCE		1.4	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_FATTY_ACID_METABOLIC_PROCESS		1.4	1.6E-03	2.6E-02	2.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_ADHESION		1.4	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_PLATELET_ACTIVATION		1.4	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_T_CELL_DIFFERENTIATION_INVOLVED_IN_IMMUNE_RESPONSE		1.4	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_ANOIKIS		1.4	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_LIPID_MODIFICATION		1.4	1.5E-02	1.0E-01	8.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_VITAMIN_METABOLIC_PROCESS		1.4	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_BIOSYNTHETIC_PROCESS		1.4	1.4E-02	9.9E-02	8.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS		1.4	1.5E-02	1.0E-01	8.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_NON_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		1.4	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PLATELET_ACTIVATION		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_T_CELL_DIFFERENTIATION		1.4	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_EARLY_ENDOSOME		1.4	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_ENDOCYTOSIS_INVOLVED_IN_VIRAL_ENTRY_INTO_HOST_CELL		1.4	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION		1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MONOCYTE_CHEMOTAXIS		1.4	1.0E-01	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_SNRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_II		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_CYTOPLASM_ORGANIZATION		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_MONOSACCHARIDE_TRANSMEMBRANE_TRANSPORT		1.3	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_INDOLALKYLAMINE_METABOLIC_PROCESS		1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_PEPTIDYL_TYROSINE_AUTOPHOSPHORYLATION		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHAGOCYTOSIS		1.3	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CORTICOSTEROID_HORMONE_SECRETION		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_METANEPHRIC_COLLECTING_DUCT_DEVELOPMENT		1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NON_CANONICAL_WNT_SIGNALING_PATHWAY		1.3	1.4E-01	4.0E-01	3.3E-01

NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION		1.3	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_TRIPEPTIDE_TRANSPORT		1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_BIOSYNTHETIC_PROCESS		1.3	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CELL_ADHESION		1.3	8.1E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYOBLAST_FUSION		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_HORMONE_METABOLIC_PROCESS		1.3	1.0E-02	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_ORGANIC_ACID_TRANSPORT		1.3	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ACTIVITY		1.3	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_INTRACELLULAR_ZINC_ION_HOMEOSTASIS		1.3	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUTROPHIL_MIGRATION		1.3	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MAP_KINASE_ACTIVITY		1.3	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_FEEDING_BEHAVIOR		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_WOUND_HEALING_SPREADING_OF_EPIDERMAL_CELLS		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_B_CELL_ACTIVATION		1.3	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_APOPTOTIC_SIGNALING_PATHWAY		1.3	1.4E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_RESPONSE_TO_MINERALOCORTICOID		1.3	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_BY_SYMBIONT_OF_ENTRY_INTO_HOST		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_BLOOD_VESSEL_REMODELING		1.3	8.1E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MUSCLE_CELL_APOPTOTIC_PROCESS		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_EXTERNAL_ENCAPSULATING_STRUCTURE_ORGANIZATION		1.3	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_CYTOSOLIC_CALCIUM_ION_CONCENTRATION		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCINEURIN_MEDIATED_SIGNALING		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_LIGHT_STIMULUS		1.3	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_CRANIAL_NERVE_MORPHOGENESIS		1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_BIOLOGICAL_PHASE		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_RETROTRANSPOSON_SILENCING_BY_HETEROCHROMATIN_FORMATION		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_ADAPTATION		1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPID_TRANSPORT		1.3	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AUDITORY_STIMULUS		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_MIGRATION		1.3	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_TIGHT_JUNCTION_ORGANIZATION		1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_UDP_N_ACETYLGALACTOSAMINE_METABOLIC_PROCESS		1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		1.3	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_SMELL		1.3	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_T_CELL_DIFFERENTIATION_IN_THYMUS		1.3	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_ERK1_AND_ERK2_CASCADE		1.3	4.7E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_INCREASED_OXYGEN_LEVELS		1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_COMMUNICATION_BY_ELECTRICAL_COUPLING		1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_BILE_ACID_AND_BILE_SALT_TRANSPORT		1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_GENITALIA_MORPHOGENESIS		1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_COPPER_ION		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_MIGRATION		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_INSULIN_LIKE_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_BINDING_TRANSCRIPTION_FACTOR_ACTIVITY		1.3	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_REPOLARIZATION		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_WOUNDING		1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_ERBB2_SIGNALING_PATHWAY		1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_POLY_N_ACETYLLACTOSAMINE_METABOLIC_PROCESS		1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_MYELOID_LEUKOCYTE_ACTIVATION		1.3	2.1E-02	1.3E-01	1.0E-01

NecD vs CTRL	GOBP_RENAL_FILTRATION		1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_PROTEIN_OXIDATION		1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSFERASE_ACTIVITY		1.3	3.1E-02	1.7E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_ACTIVATION		1.3	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CADMIUM_ION		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_SALVAGE		1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_AMINO_SUGAR_CATABOLIC_PROCESS		1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_INSULIN_SECRETION_INVOLVED_IN_CELLULAR_RESPONSE_TO_GLUCOSE_STIMULUS		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_TOLL LIKE RECEPTOR 3 SIGNALING PATHWAY		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_CELL_ANTIGEN_PROCESSING_AND_PRESENTATION		1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CARBOHYDRATE		1.3	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_MEDIUM_CHAIN_FATTY_ACID_METABOLIC_PROCESS		1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_PROTEIN_TRANSMEMBRANE_IMPORT_INTO_INTRACELLULAR_ORGANELLE		1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_FLOOR_PLATE_DEVELOPMENT		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_MEMBRANE_RAFT_ASSEMBLY		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_UV_A		1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_CORTICOSTEROID_HORMONE_SECRETION		1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_PROJECTION_SIZE		1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_IMMUNOGLOBULIN_PRODUCTION		1.3	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HAIR_FOLLICLE_DEVELOPMENT		1.3	1.9E-01	4.8E-01	4.0E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_PROTEIN_KINASE_ACTIVITY		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_SECRETION		1.3	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_ASTROCYTE_DIFFERENTIATION		1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CORTICOSTEROID		1.3	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_AMIDE_TRANSPORT		1.3	9.4E-03	7.9E-02	6.4E-02
NecD vs CTRL	GOBP_ATRIAL_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT		1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_SPERM_DNA_CONDENSATION		1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_MATRIX_ADHESION		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY		1.3	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_APICAL_JUNCTION_ASSEMBLY		1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTION_POTENTIAL		1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_PEPTIDE_TRANSPORT		1.3	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCIIUM_MEDIATED_SIGNALING		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_TESTOSTERONE_STIMULUS		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_KERATINOCYTE_DEVELOPMENT		1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_APOPTOTIC_SIGNALING_PATHWAY		1.3	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_MOTOR_NEURON_AXON_GUIDANCE		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_EXTENSION_INVOLVED_IN_NEURON_PROJECTION_GUIDANCE		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_TRIGLYCERIDE_METABOLIC_PROCESS		1.3	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRACELLULAR_PROTEIN_TRANSPORT		1.3	2.5E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_CELL_CELL_JUNCTION_ORGANIZATION		1.3	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_APOPTOTIC_CELL_CLEARANCE		1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_RESPIRATORY_SYSTEM_DEVELOPMENT		1.3	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_WOUNDING		1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_17_PRODUCTION		1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_LEUKOCYTE_PROLIFERATION		1.3	8.4E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INSULIN LIKE_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		1.3	1.9E-01	4.8E-01	4.0E-01
NecD vs CTRL	GOBP_LEUKOCYTE_TETHERING_OR_ROLLING		1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_HYALURONAN_CATABOLIC_PROCESS		1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SECRETION		1.3	1.3E-02	9.4E-02	7.6E-02
NecD vs CTRL	GOBP_POSITIVE_CHEMOTAXIS		1.3	1.2E-01	3.7E-01	3.0E-01

NecD vs CTRL	GOBP_REGULATION_OF_JNK_CASCADE		1.3	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATORY_T_CELL_DIFFERENTIATION		1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_NEUTROPHIL_EXTRAVASATION		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROGRAMMED_NECROTIC_CELL_DEATH		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORT		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_VITAMIN_D		1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SECRETION		1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEMBRANE_POTENTIAL		1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_RENAL_SODIUM_EXCRETION		1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_TERPENOID_METABOLIC_PROCESS		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_PODOSOME_ASSEMBLY		1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_TYPE_II_INTERFERON		1.3	7.6E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_MONOCARBOXYLIC_ACID_BIOSYNTHETIC_PROCESS		1.3	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_CELL_MIGRATION		1.3	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIIUM_ION_IMPORT		1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_ACTIVATION		1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_LIPID_LOCALIZATION		1.3	4.1E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_SIGNAL_RELEASE		1.3	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	GOBP_RESPONSE_TO_PEPTIDOGLYCAN		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_DEPHOSPHORYLATION		1.3	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_OXIDISED_LOW_DENSITY_LIPOPROTEIN_PARTICLE_STIMULUS		1.3	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_PEPTIDE_CATABOLIC_PROCESS		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_METABOLIC_PROCESS		1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_FATTY_ACID_BIOSYNTHETIC_PROCESS		1.3	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_HYDROGEN_PEROXIDE_MEDIATED_PROGRAMMED_CELL_DEATH		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_BY_COMPETITIVE_PROMOTER_BINDING		1.3	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_HOMOTYPIC_CELL_CELL_ADHESION		1.3	7.6E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_EXTRAVASATION		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_PROLIFERATION		1.3	6.5E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_PREPULSE_INHIBITION		1.3	2.0E-01	5.0E-01	4.0E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONONUCLEAR_CELL_MIGRATION		1.3	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ZINC_ION		1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_TEMPERATURE_HOMEOSTASIS		1.3	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_KERATINOCYTE_MIGRATION		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_THROMBIN_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY		1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_POTASSIUM_ION_TRANSPORT		1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_OSMOTIC_STRESS		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_PEPTIDYL_TYROSINE_MODIFICATION		1.3	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MEIOTIC_CELL_CYCLE		1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_SALT		1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_BODY_FLUID_SECRETION		1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_MIGRATION		1.2	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		1.2	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTRACELLULAR_TRANSPORT		1.2	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_OUTER_DYNEIN_ARM_ASSEMBLY		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_POTASSIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS		1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYOBlast_FUSION		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOCYTOSIS		1.2	5.8E-02	2.4E-01	2.0E-01

NecD vs CTRL	GOBP_RESPONSE_TO_NUTRIENT		1.2	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_NUCLEOBASE_TRANSPORT		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY		1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_LOCOMOTION_INVOLVED_IN_LOCOMOTORY_BEHAVIOR		1.2	2.2E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_GROOMING_BEHAVIOR		1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_CELL_SURFACE_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT		1.2	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEURON_CELLULAR_HOMEOSTASIS		1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_NEGATIVE_T_CELL_SELECTION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FATTY_ACID_OXIDATION		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS		1.2	7.3E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_CENP_A_CONTAINING_CHROMATIN_ASSEMBLY		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_ADHESION_MEDIATED_BY_INTEGRIN		1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_COLLAGEN_METABOLIC_PROCESS		1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_INSULIN_RECEPTOR_SIGNALING_PATHWAY		1.2	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_DIFFERENTIATION		1.2	6.2E-03	6.2E-02	5.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_PROLIFERATION		1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_METABOLIC_PROCESS		1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_B_CELL_DIFFERENTIATION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION		1.2	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_AMINO_SUGAR_METABOLIC_PROCESS		1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_COLLATERAL_SPROUTING		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_PROTEIN_TRANSPORT		1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_GLUCOSAMINE_CONTAINING_COMPOUND_METABOLIC_PROCESS		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_SUBSTRATE_ADHESION		1.2	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_ERYTHROSE_4_PHOSPHATE_PHOSPHOENOLPYRUVATE_FAMILY_AMINO_ACID_METABOLIC_PROCESS		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TISSUE_REMODELING		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_T_CELL_SELECTION		1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_MESENCHYMAL_CELL_DIFFERENTIATION		1.2	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_EPIBOLY		1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_KINASE_ACTIVITY		1.2	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_TYPE_2_IMMUNE_RESPONSE		1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_INSULIN_SECRETION_INVOLVED_IN_CELLULAR_RESPONSE_TO_GLUCOSE_STIMULUS		1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_MEMBRANE_RAFT		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_OXYGEN_RADICAL		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEAR_DIVISION		1.2	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_CARTILAGE_MORPHOGENESIS		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_PROJECTION_ARBORIZATION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_LOCATION		1.2	1.4E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_MONONUCLEAR_CELL_MIGRATION		1.2	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY		1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PHOSPHORYLATION		1.2	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_FEEDING_BEHAVIOR		1.2	1.3E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_FOOD		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AMINE		1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_SUPERFAMILY_CYTOKINE_PRODUCTION		1.2	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_CAVEOLIN_MEDIATED_ENDOCYTOSIS		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_NAD_METABOLIC_PROCESS		1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION		1.2	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_GLUTATHIONE_METABOLIC_PROCESS		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_XENOBIOTIC_STIMULUS		1.2	2.0E-02	1.3E-01	1.0E-01

NecD vs CTRL	GOBP_LYMPHOCYTE_COSTIMULATION		1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_FLUID_SHEAR_STRESS		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_T_CELL_MEDIATED_IMMUNE_RESPONSE_TO_TUMOR_CELL		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MAP_KINASE_ACTIVITY		1.2	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_ADHESION_MEDIATED_BY_INTEGRIN		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ENDOTHELIUM_DEVELOPMENT		1.2	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_TO_CYTOSOL_TRANSPORT		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTRACELLULAR_MATRIX_DISASSEMBLY		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		1.2	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_NITRIC_OXIDE_SYNTHASE_BIOSYNTHETIC_PROCESS		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PRIMARY_ALCOHOL_CATABOLIC_PROCESS		1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CATALYTIC_ACTIVITY		1.2	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	GOBP_NECROPTOTIC_PROCESS		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PEPTIDE		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_CARDIAC_NEURAL_CREST_CELL_DEVELOPMENT_INVOLVED_IN_OUTFLOW_TRACT_MORPHOGENESIS		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_IMMUNE_EFFECTOR_PROCESS		1.2	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_ACETYL_COA_BIOSYNTHETIC_PROCESS		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MACROPHAGE_ACTIVATION		1.2	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_MEMORY		1.2	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_TERPENOID_BIOSYNTHETIC_PROCESS		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TELOMERASE_RNA_LOCALIZATION_TO_CAJAL_BODY		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_MIGRATION		1.2	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPITHELIAL_CELL_APOPTOTIC_PROCESS		1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_T_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		1.2	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_HYDROGEN_PEROXIDE_METABOLIC_PROCESS		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHAGOCYTOSIS		1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_PROTEIN_KINASE_B_SIGNAL_TRANSDUCTION		1.2	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_STRIATUM_DEVELOPMENT		1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_CELL_KILLING		1.2	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDYL_SERINE_PHOSPHORYLATION		1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_CELL_CELL_ADHESION_MEDIATED_BY_INTEGRIN		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE		1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PEPTIDYL_SERINE_PHOSPHORYLATION		1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_MEDIATED_IMMUNITY		1.2	2.0E-01	5.0E-01	4.0E-01
NecD vs CTRL	GOBP_PROGRAMMED_NECROTIC_CELL_DEATH		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_CELLULAR_ALDEHYDE_METABOLIC_PROCESS		1.2	1.9E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_CALCIIUM_INDEPENDENT_CELL_CELL_ADHESION_VIA_PLASMA_MEMBRANE_CELL_ADHESION_MOLECULES		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_STEROID_HORMONE		1.2	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_REACTIVE_NITROGEN_SPECIES		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANTIGEN_PROCESSING_AND_PRESENTATION		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_METANEPHRIC_TUBULE_DEVELOPMENT		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOSIDE_MONOPHOSPHATE_CATABOLIC_PROCESS		1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_MONOPHOSPHATE_CATABOLIC_PROCESS		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CLATHRIN_DEPENDENT_ENDOCYTOSIS		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_MIGRATION		1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PEPTIDE_HORMONE		1.2	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_ACTIVATION		1.2	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_TRANSFORMING_GROWTH_FACTOR_BETA_PRODUCTION		1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOCYTOSIS		1.2	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_CELL_APOPTOTIC_PROCESS		1.2	1.8E-01	4.6E-01	3.8E-01

NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_NUCLEAR_DIVISION		1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_INTRACELLULAR_POTASSIUM_ION_HOMEOSTASIS		1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_TUBE_SIZE		1.2	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_CONTRACTION		1.2	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_POSITIVE_T_CELL_SELECTION		1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_POLYAMINE_BIOSYNTHETIC_PROCESS		1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_ORGANIC_ACID_CATABOLIC_PROCESS		1.2	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_DEUBIQUITINATION		1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACID_METABOLIC_PROCESS		1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_THE_FORCE_OF_HEART_CONTRACTION		1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_SINGLE_STRANDED_VIRAL_RNA_REPLICATION_VIA_DOUBLE_STRANDED_DNA_INTERMEDIATE		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_RENAL_SYSTEM_PROCESS		1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_CONNECTIVE_TISSUE_REPLACEMENT		1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_CELLULAR_HOMEOSTASIS		1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_PRODUCTION		1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYTOSOLIC_CALCIUM_ION_CONCENTRATION		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CELL_ADHESION		1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPITHELIAL_CELL_MIGRATION		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_T_CELL_MIGRATION		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_SEQUESTERING_OF_METAL_ION		1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_3_KINASE_PROTEIN_KINASE_B_SIGNAL_TRANSDUCTION		1.2	7.0E-02	2.8E-01	2.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEM_CELL_PROLIFERATION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RENAL_SYSTEM_PROCESS		1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_SUBSTRATE_DEPENDENT_CELL_MIGRATION		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_MIGRATION		1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CHEMOKINE		1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_CHEMICAL_STIMULUS		1.2	2.5E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATORY_NCRNA_MEDIATED_HETEROCHROMATIN_FORMATION		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_BIOSYNTHETIC_PROCESS		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_KINASE_ACTIVITY		1.2	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_POST_TRANSCRIPTIONAL_GENE_SILENCING		1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_PARENTAL_BEHAVIOR		1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NITRIC_OXIDE_SYNTHASE_BIOSYNTHETIC_PROCESS		1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NUCLEAR_EXPORT		1.2	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSPORT		1.2	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEURON_RECOGNITION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_ORGANIC_HYDROXY_COMPOUND_CATABOLIC_PROCESS		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_ARBORIZATION		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_PROTEIN_K11_LINKED_DEUBIQUITINATION		1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_SPROUTING_ANGIOGENESIS		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSITIVE_CHEMOTAXIS		1.2	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	GOBP_DETECTION_OF_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION		1.2	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_CELL_DIFFERENTIATION_INVOLVED_IN_EMBRYONIC_PLACENTA_DEVELOPMENT		1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PHOSPHORUS_METABOLIC_PROCESS		1.2	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPOPROTEIN_METABOLIC_PROCESS		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_SYNAPTIC_TRANSMISSION_CHOLINERGIC		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MYOBLAST_FUSION		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_STRIATED_MUSCLE_CONTRACTION		1.2	1.7E-01	4.4E-01	3.6E-01

NecD vs CTRL	GOBP_CELLULAR_LIPID_CATABOLIC_PROCESS		1.2	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ASTROCYTE_DIFFERENTIATION		1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_MEMBRANE_REPOLARIZATION		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_THYROID_HORMONE_METABOLIC_PROCESS		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_ISOPRENOID_CATABOLIC_PROCESS		1.2	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_NEUTROPHIL_HOMEOSTASIS		1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_ADHESION		1.2	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_MYELOID_LEUKOCYTE_CYTOKINE_PRODUCTION		1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_COLLAGEN_CATABOLIC_PROCESS		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_CENTROSOME_LOCALIZATION		1.2	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_COLLATERAL_SPROUTING		1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_T_HELPER_17_CELL_LINEAGE_COMMITMENT		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CHEMICAL_STRESS		1.2	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_MEDIATED_IMMUNITY		1.2	2.2E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY		1.2	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_VASCULAR_WOUND_HEALING		1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_OXYGEN_LEVELS		1.2	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_SYNAPTIC_TRANSMISSION_DOPAMINERGIC		1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_LOW_DENSITY_LIPOPROTEIN_PARTICLE_REMODELING		1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_SERINE_PHOSPHORYLATION_OF_STAT_PROTEIN		1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ERAD_PATHWAY		1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_FRUCTOSE_METABOLIC_PROCESS		1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PEPTIDE		1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_DOPAMINE_BIOSYNTHETIC_PROCESS		1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_CELL_MATRIX_ADHESION		1.1	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE		1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSFERASE_ACTIVITY		1.1	3.9E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ADAPTIVE_IMMUNE_RESPONSE		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LIGHT_INTENSITY		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY		1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_L_AMINO_ACID_CATABOLIC_PROCESS		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_VASCULAR_WOUND_HEALING		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF GRANULOCYTE CHEMOTAXIS		1.1	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		1.1	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MEMBRANE_PERMEABILITY		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_LUNG_ALVEOLUS_DEVELOPMENT		1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_REGULATED_EXOCYTOSIS_OF_NEUROTRANSMITTER		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_METANEPHRIC_EPITHELIUM_DEVELOPMENT		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_PROTEIN_TRANSFERASE_ACTIVITY		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_ARACHIDONIC_ACID_METABOLIC_PROCESS		1.1	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_DISTAL_TUBULE_DEVELOPMENT		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_INTEGRATED_STRESS_RESPONSE_SIGNALING		1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_CYTOKINE_PRODUCTION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_INTEGRIN_ACTIVATION		1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOKINE_PRODUCTION		1.1	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_BLOOD_CIRCULATION		1.1	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_HYDROGEN_PEROXIDE		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PROGRAMMED_CELL_DEATH_IN_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES		1.1	2.9E-01	5.7E-01	4.7E-01

NecD vs CTRL	GOBP_REACTIVE_OXYGEN_SPECIES_METABOLIC_PROCESS		1.1	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_BIOTIC_STIMULUS		1.1	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_SPERM_FLAGELLUM_ASSEMBLY		1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_PROLIFERATION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_MODIFIED_AMINO_ACID_TRANSPORT		1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CLATHRIN_COAT_ASSEMBLY		1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_EXTRACELLULAR_REGION		1.1	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_AXONEME_ASSEMBLY		1.1	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_ENDOLYSOSOMAL_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_CYTOKINE_PRODUCTION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_BIOGENIC_AMINE_METABOLIC_PROCESS		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PHASIC_SMOOTH_MUSCLE_CONTRACTION		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_T_HELPER_CELL_LINEAGE_COMMITMENT		1.1	2.9E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_MEMBRANE_HYPERPOLARIZATION		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY		1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_RETINA_LAYER_FORMATION		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_HYPOTHALAMUS_DEVELOPMENT		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOSOLIC_CALCIIUM_ION_CONCENTRATION		1.1	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_MYELOID_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		1.1	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_EMBRYONIC_CAMERA_TYPE_EYE_FORMATION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_DENDRITIC_CELL_CHEMOTAXIS		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_GLYCOSAMINOGLYCAN_CATABOLIC_PROCESS		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CAMP		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_SYSTEM_PROCESS		1.1	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_VITAMIN_A		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_VITAMIN		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_REGULATORY_NCRNA_PROCESSING		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHEMOKINE_MEDIATED_SIGNALING_PATHWAY		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_PLACENTA_DEVELOPMENT		1.1	2.2E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_TUMOR_NECROSIS_FACTOR_SUPERFAMILY_CYTOKINE_PRODUCTION		1.1	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_JNK_CASCADE		1.1	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_CHEMOTAXIS		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_FOLLICLE_STIMULATING_HORMONE_STIMULUS		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_PHOSPHOLIPID_DEPHOSPHORYLATION		1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_GROWTH_PLATE_CARTILAGE_DEVELOPMENT		1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_INDOL_3_PROPYL_INDOL_3_CARBONATE_METABOLIC_PROCESS		1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_APOPTOTIC_PROCESS		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_METANEPHRIC_RENAL_VESICLE_MORPHOGENESIS		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE		1.1	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_CYTOKINE_PRODUCTION		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOATOMIC_ION_TRANSPORT		1.1	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_REPRODUCTIVE_PROCESS		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_PROTEASOME_ASSEMBLY		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ALPHA_BETA_T_CELL_ACTIVATION		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_COLLAGEN_METABOLIC_PROCESS		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_THYMOCYTE_APOPTOTIC_PROCESS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_B_CELL_APOPTOTIC_PROCESS		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ALKALOID		1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CATION_CHANNEL_ACTIVITY		1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_CYTOKINE_STIMULUS		1.1	2.5E-01	5.4E-01	4.4E-01

NecD vs CTRL	GOBP_CELL_COMMUNICATION_BY_ELECTRICAL_COUPLING_INVOLVED_IN_CARDIAC_CONDUCTION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_UBIQUITIN_PROTEIN_TRANSFERASE_ACTIVITY		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_JANUS_KINASE_ACTIVITY		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_VIRUS		1.1	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TOXIC_SUBSTANCE		1.1	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_INNATE_IMMUNE_RESPONSE		1.1	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE		1.1	2.9E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_ANTERIOR_POSTERIOR_AXIS_SPECIFICATION		1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_APOPTOTIC_PROCESS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LECTIN		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_CELL_SUBSTRATE_ADHESION		1.1	9.4E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_MACROPHAGE_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_TYPE_B_PANCREATIC_CELL_APOPTOTIC_PROCESS		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ALDOSTERONE		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_MALE_MEIOTIC_NUCLEAR_DIVISION		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_HYDROGEN_PEROXIDE		1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_MEMBRANE_REPOLARIZATION_DURING_ACTION_POTENTIAL		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_ZYMOGEN_ACTIVATION		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_TYROSINE_KINASE_ACTIVITY		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LIPIDATION		1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION		1.1	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_CARDIAC_CONDUCTION		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_AMINO_ACID_ACTIVATION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_MATURATION_OF_LSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_ELECTRON_TRANSPORT_NADH_TO_UBIQUINONE		1.1	2.9E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_RENAL_SODIUM_ION_ABSORPTION		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACID_TRANSPORT		1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_PYROPTOSIS		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_UBIQUITIN_PROTEIN_TRANSFERASE_ACTIVITY		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_RESPIRATORY_BURST		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_MORPHOGENESIS		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_Glutamine_FAMILY_AMINO_ACID_BIOSYNTHETIC_PROCESS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_TRANSMEMBRANE_TRANSPORT		1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_EOSINOPHIL_MIGRATION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PEPTIDASE_ACTIVITY		1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_MACROPHAGE_DIFFERENTIATION		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		1.1	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PLATELET_DERIVED_GROWTH_FACTOR		1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_CATABOLIC_PROCESS		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_DOPAMINE_SECRETION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_TUMOR_CELL		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_TRIF_DEPENDENT_TOLL LIKE RECEPTOR SIGNALING PATHWAY		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_UREA_TRANSPORT		1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_INNATE_IMMUNE_RESPONSE_ACTIVATING_CELL_SURFACE_RECEPTOR_SIGNALING_PATHWAY		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_18		1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_COLLATERAL_SPROUTING		1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_PHAGOCYTOSIS		1.1	2.6E-01	5.5E-01	4.5E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BLOOD_CIRCULATION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SYMBIONT_ENTRY_INTO_HOST		1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_SECRETION_BY_TISSUE		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_IMMUNOLOGICAL_SYNAPSE_FORMATION		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_BONE_CELL_DEVELOPMENT		1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_GROWTH_HORMONE		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_CELLULAR_COMPONENT_MAINTENANCE		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEMATOPOIETIC_STEM_CELL_PROLIFERATION		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ALKALOID		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_ALPHA_BETA_T_CELL_PROLIFERATION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MONOATOMIC_ION_TRANSPORT		1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_FOREBRAIN_NEURON_DEVELOPMENT		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_INTERMEDIATE_FILAMENT_BASED_PROCESS		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_KILLING		1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_INTERLEUKIN_4_PRODUCTION		1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEART_RATE		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_CELL_CELL_ADHESION		1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_INTERCELLULAR_TRANSPORT		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_IMMUNE_RESPONSE_REGULATING_CELL_SURFACE_RECEPTOR_SIGNALING_PATHWAY		1.1	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_RETINAL_GANGLION_CELL_AXON_GUIDANCE		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_PRODUCTION_OF_MOLECULAR_MEDIATOR_INVOLVED_IN_INFLAMMATORY_RESPONSE		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_BY_HOST_OF_VIRAL_TRANSCRIPTION		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_BINDING_TRANSCRIPTION_FACTOR_ACTIVITY		1.1	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CORTICOSTERONE		1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_SPERM_AXONEME_ASSEMBLY		1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_17_PRODUCTION		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_1_PRODUCTION		1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FUNGUS		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_COMPLEMENT_ACTIVATION		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_CHEMOTAXIS		1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_BIOSYNTHETIC_PROCESS		1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_OLEFINIC_COMPOUND_BIOSYNTHETIC_PROCESS		1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOCYTE_DIFFERENTIATION		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REACTIVE_OXYGEN_SPECIES_BIOSYNTHETIC_PROCESS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_LEUKOCYTE_ACTIVATION_INVOLVED_IN_INFLAMMATORY_RESPONSE		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXTRACELLULAR_MATRIX_ORGANIZATION		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_PROLIFERATION		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_TRANSPORT		1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEART_CONTRACTION		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_PROLIFERATION		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_MAST_CELL_DEGRANULATION		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_LYMPHOCYTE_POLARITY		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MUSCLE_TISSUE_DEVELOPMENT		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_APOPTOTIC_SIGNALING_PATHWAY		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_TESTOSTERONE_BIOSYNTHETIC_PROCESS		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT_VIA_MULTIVESICULAR_BODY_SORTING_PATHWAY		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_APPETITE		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_SINOATRIAL_NODE_DEVELOPMENT		1.1	3.7E-01	6.5E-01	5.3E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HYDROLASE_ACTIVITY		1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ENDOCYTOSIS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_LACTATION		1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_DIFFERENTIATION		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_TROPHOBLAST_GIANT_CELL_DIFFERENTIATION		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_APOPTOTIC_PROCESS		1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_WATER_TRANSPORT		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_NICOTINE		1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_LYMPH_NODE_DEVELOPMENT		1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CORTICOSTEROID_STIMULUS		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_VIRUS		1.1	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_B_CELL_MEDIATED_IMMUNITY		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_OXIDATIVE_STRESS		1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_B_CELL_PROLIFERATION		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_CHEMOTAXIS		1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLYCOPROTEIN_METABOLIC_PROCESS		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AXON_EXTENSION		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_RELEASE_OF_SEQUESTERED_CALCIIUM_ION_INTO_CYTOSOL		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_DETERMINATION_OF_DORSAL_VENTRAL_ASYMMETRY		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VIRAL_LIFE_CYCLE		1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_HELPER_CELL_DIFFERENTIATION		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_UV_A		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_GANGLION_DEVELOPMENT		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACTIVATED_T_CELL_PROLIFERATION		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_ADULT_FEEDING_BEHAVIOR		1.1	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_PHOSPHATE_ION_TRANSMEMBRANE_TRANSPORT		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_CATECHOLAMINE_SECRETION		1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE_BY_STOP_TRANSFER_MEMBRANE_ANCHOR_SEQUENCE		1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_PEPTIDYL_LYSINE_TRIMETHYLATION		1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_SMALL_MOLECULE_CATABOLIC_PROCESS		1.1	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY		1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY		1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASOCONSTRICTION		1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_CILIUM_MOVEMENT		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_ENDODERM_DEVELOPMENT		1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_TARGETING_TO_MEMBRANE		1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_POST_ANAL_TAIL_MORPHOGENESIS		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE		1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_AMYLOID_PRECURSOR_PROTEIN_BIOSYNTHETIC_PROCESS		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_TRANSPORT_OF_VIRUS		1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_GLOMERULAR_MESANGIAL_CELL_PROLIFERATION		1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_AMINE_METABOLIC_PROCESS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_HELPER_17_TYPE_IMMUNE_RESPONSE		1.0	3.9E-01	6.6E-01	5.4E-01

NecD vs CTRL	GOBP_XENOBIOTIC_METABOLIC_PROCESS		1.0	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_SUGAR_BIOSYNTHETIC_PROCESS		1.0	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_POLYPRENOL_METABOLIC_PROCESS		1.0	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_PIRNA_PROCESSING		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_OXIDATIVE_STRESS		1.0	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_OPIOID_RECEPTOR_SIGNALING_PATHWAY		1.0	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_SALIVA_SECRETION		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_UV_PROTECTION		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ESTROGEN		1.0	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_AGGREPHAGY		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_STEROID_CATABOLIC_PROCESS		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_INTERMEDIATE_FILAMENT_ORGANIZATION		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_XENOBIOTIC_TRANSMEMBRANE_TRANSPORT		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_ANGIOGENESIS_INVOLVED_IN_WOUND_HEALING		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_UBIQUITINATION		1.0	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEIOTIC_NUCLEAR_DIVISION		1.0	3.7E-01	6.4E-01	5.3E-01
NecD vs CTRL	GOBP_DISRUPTION_OF_ANATOMICAL_STRUCTURE_IN_ANOTHER_ORGANISM		1.0	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LEAD_ION		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_MOTILE_CILIAM_ASSEMBLY		1.0	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN		1.0	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_LEUKOCYTE_DEGRANULATION		1.0	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT		1.0	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_CATABOLIC_PROCESS		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_ISOPRENOID_METABOLIC_PROCESS		1.0	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHETIC_PROCESS		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_VIRUS		1.0	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_MODIFICATION_PROCESS		1.0	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PHOSPHATIDYLINOSITOL_3_KINASE_PROTEIN_KINASE_B_SIGNAL_TRANSDUCTION		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HEART_RATE		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRACELLULAR_TRANSPORT		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_AN_EPITHELIAL_BUD		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_INNATE_IMMUNE_RESPONSE		1.0	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEOLYSIS		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_RESPIRATORY_CHAIN_COMPLEX_IV_ASSEMBLY		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_OVULATION		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_PERMEABILITY_INVOLVED_IN_APOPTOTIC_PROCESS		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PODOSOME_ASSEMBLY		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_FRUCTOSE_6_PHOSPHATE_METABOLIC_PROCESS		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_COLLECTING_DUCT_DEVELOPMENT		1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_ERAD_PATHWAY		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_NITRIC_OXIDE_MEDIATED_SIGNAL_TRANSDUCTION		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_ETHANOL_METABOLIC_PROCESS		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_ALPHA_BETA_T_CELL_DIFFERENTIATION		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_MONOPHOSPHATE_CATABOLIC_PROCESS		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_SPINE_MAINTENANCE		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_PROLIFERATION		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_NON_CANONICAL_WNT_SIGNALING_PATHWAY		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNCYTIIUM_FORMATION_BY_PLASMA_MEMBRANE_FUSION		1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSPORTER_ACTIVITY		1.0	4.0E-01	6.7E-01	5.4E-01

NecD vs CTRL	GOBP_T_CELL_ACTIVATION_VIA_T_CELL_RECEPTOR_CONTACT_WITH_ANTIGEN_BOUND_TO_MHC_MOLECULE_ON_ANTIGEN_PRESENTING_CELL	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_MEDIATED_BY_A_CHEMICAL_SIGNAL	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS	1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PROTOZOAN	1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NOSE_DEVELOPMENT	1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_BY_RENIN_ANGIOTENSIN	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_BLEB_ASSEMBLY	1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	GOBP_GLYCOSYL_COMPOUND_METABOLIC_PROCESS	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AMIDE_METABOLIC_PROCESS	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_MACROPINOCYTOSIS	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_ECTODERMAL_PLACODE_DEVELOPMENT	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE	1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_LONG_TERM_MEMORY	1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_ACTIVATION	1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_DEGRANULATION	1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYCLIN_DEPENDENT_PROTEIN_KINASE_ACTIVITY	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_VIRAL_RNA_GENOME_REPLICATION	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_PROLIFERATION	1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_OTOLITH_DEVELOPMENT	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MONOATOMIC_ION_TRANSMEMBRANE_TRANSPORT	1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_MAGNESIUM_ION_TRANSPORT	1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOTIDE_SALVAGE	1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GLUCAGON_STIMULUS	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_THYROID_HORMONE_GENERATION	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYOTUBE_DIFFERENTIATION	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_CELL_COMMUNICATION_INVOLVED_IN_CARDIAC_CONDUCTION	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_IMPORT	1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_KERATINOCYTE_DIFFERENTIATION	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY	1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_MONONUCLEAR_CELL_MIGRATION	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_BLOOD_PRESSURE	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HEMOPOIESIS	1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_CELL_MIGRATION_IN_HINDBRAIN	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_PROTEIN_N_LINKED_GLYCOSYLATION	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_EMBRYONIC_FORELIMB_MORPHOGENESIS	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_METABOLIC_PROCESS	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ZINC_ION	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_PROLIFERATION	1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_IMMUNE_RESPONSE	1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_INNER_DYNEIN_ARM_ASSEMBLY	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_DNA_STRAND_RESECTION_INVOLVED_IN_REPLICATION_FORK_PROCESSING	1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CIRCADIAN_RHYTHM	1.0	4.3E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PLASMA_MEMBRANE_ORGANIZATION	1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_BY_HORMONE	1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_EARLY_ENDOSOME_TO_LATE_ENDOSOME_TRANSPORT	1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_ATRIOVENTRICULAR_CANAL_DEVELOPMENT	1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_LACTONE_METABOLIC_PROCESS	1.0	4.5E-01	7.0E-01	5.7E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXOCYTOSIS		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_RELAXATION_OF_MUSCLE		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_EXTRAVASATION		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_SNRNA_TRANSCRIPTION		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_SODIUM_ION_HOMEOSTASIS		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_KILLING		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CONTRACTION		1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO ABIOTIC_STIMULUS		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MONOAMINE_TRANSPORT		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CYTOKINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MONOACYLGLYCEROL_METABOLIC_PROCESS		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_SIRNA_MEDIATED_RETROTRANSPONON_SILENCING_BY_HETEROCHROMATIN_FORMATION		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_REPLICATIVE_SENESCENCE		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_VOCALIZATION_BEHAVIOR		1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_REGULATORY_T_CELL_DIFFERENTIATION		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CAFFEINE		1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_APOPTOTIC_PROCESS		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_ORGANIZATION		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION		1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_OUTER_MEMBRANE_PERMEABILIZATION		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CELL_SURFACE_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		1.0	4.3E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_FUNGUS		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_ADHESION_MEDIATED_BY_INTEGRIN		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_HORMONE_BIOSYNTHETIC_PROCESS		1.0	4.7E-01	7.2E-01	5.8E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_PHAGOPHORE_ASSEMBLY_SITE		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHETIC_PROCESS		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NITRIC_OXIDE_CGMP_MEDIATED_SIGNALING		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_MIRNA_PROCESSING		1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_COMPLEMENT_DEPENDENT_CYTOTOXICITY		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_INORGANIC_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_TELOMERE		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BLOOD_CIRCULATION		1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_LUNG_MORPHOGENESIS		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_EPOXYGENASE_P450_PATHWAY		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_UBIQUINONE_METABOLIC_PROCESS		1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PYRIMIDINE_DEOXYRIBONUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION		1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_CELL_COMMUNICATION_BY_ELECTRICAL_COUPLING		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MAST_CELL_CHEMOTAXIS		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CATION_CHANNEL_ACTIVITY		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_EPIDERMAL_CELL_DIFFERENTIATION		1.0	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		1.0	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_PANCREATIC_JUICE_SECRETION		1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_FLUID_TRANSPORT		1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_BRANCH_ELONGATION_OF_AN_EPITHELIUM		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MUSCLE_ACTIVITY		1.0	4.9E-01	7.3E-01	6.0E-01

NecD vs CTRL	GOBP_PEPTIDE_BIOSYNTHETIC_PROCESS		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_TOLL_LIKE_RECEPTOR_2_SIGNALING_PATHWAY		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_EXTRACELLULAR_TRANSPORT		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHEMOKINE_PRODUCTION		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_RIBOSOMAL_LARGE_SUBUNIT_BIOGENESIS		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_SYNAPSE_STRUCTURE		1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_DOPAMINE_TRANSPORT		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		1.0	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_ANTIFUNGAL_INNATE_IMMUNE_RESPONSE		1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_CILIUM_OR_FLAGELLUM_DEPENDENT_CELL_MOTILITY		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PEPTIDYL_THREONINE_MODIFICATION		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_MEDIATED_IMMUNITY		1.0	5.1E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_MINERALOCORTICOID_BIOSYNTHETIC_PROCESS		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_PROTEIN_DEUBIQUITINATION		1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM		1.0	5.1E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_TUMOR_CELL		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_T_CELL_EXTRAVASATION		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_1_BETA_PRODUCTION		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_REPLICATION		1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_SUGAR_TRANSMEMBRANE_TRANSPORT		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BONE_MINERALIZATION		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_BLOOD_BRAIN_BARRIER		1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_CHEMOTAXIS		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION		1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_IMMUNOGLOBULIN_PRODUCTION		1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_APOPTOTIC_DNA_FRAGMENTATION		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_EPIDERMIS_DEVELOPMENT		1.0	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_HAIR_FOLLICLE_DEVELOPMENT		1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_NUCLEATION		1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_CARDIAC_NEURAL_CREST_CELL_MIGRATION_INVOLVED_IN_OUTFLOW_TRACT_MORPHOGENESIS		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PRIMITIVE_STREAK_FORMATION		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PHARYNGEAL_ARCH_ARTERY_MORPHOGENESIS		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_TELENCEPHALON_REGIONALIZATION		1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_ACTIVATION		1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_17_TYPE_IMMUNE_RESPONSE		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CAMP_DEPENDENT_PROTEIN_KINASE_ACTIVITY		1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CELLULAR_EXTRAVASATION		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_ELECTRON_TRANSPORT_CHAIN		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNCYTIIUM_FORMATION_BY_PLASMA_MEMBRANE_FUSION		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_TO_PLASMA_MEMBRANE		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_APOPTOTIC_PROCESS		0.9	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_HORMONE_BIOSYNTHETIC_PROCESS		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_CELL_DIFFERENTIATION		0.9	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_RENAL_SODIUM_ION_TRANSPORT		0.9	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_LUTEINIZING_HORMONE_SECRETION		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_RESPIRATORY_BURST_INVOLVED_IN_DEFENSE_RESPONSE		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_GENE_SILENCING_BY_REGULATORY_NCRNA		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_FIBROBLAST_APOPTOTIC_PROCESS		0.9	5.3E-01	7.6E-01	6.2E-01

NecD vs CTRL	GOBP_REGULATION_OF_OSTEOCLAST_DEVELOPMENT		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_TRANSCRIPTION_INITIATION_AT_RNA_POLYMERASE_I_PROMOTER		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_RIBOSOMAL_SUBUNIT_EXPORT_FROM_NUCLEUS		0.9	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AMINE_TRANSPORT		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_PROTEIN_K63_LINKED_DEUBIQUITINATION		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_APOPTOTIC_PROCESS		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_DETECTION_OF_MECHANICAL_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION_OF_SOUND		0.9	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_EMBRYONIC_AXIS_SPECIFICATION		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_KETONE_BODY_METABOLIC_PROCESS		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATORY_NCRNA_PROCESSING		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_BIOLOGICAL_PROCESS_INVOLVED_IN_INTERACTION_WITH_HOST		0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHOPROTEIN_PHOSPHATASE_ACTIVITY		0.9	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_AZOLE_TRANSMEMBRANE_TRANSPORT		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_DNA_CATABOLIC_PROCESS		0.9	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_POLYAMINE_METABOLIC_PROCESS		0.9	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_FERTILIZATION		0.9	6.7E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_NEUROEPITHELIAL_CELL_DIFFERENTIATION		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MITOCHONDRIAL_MEMBRANE		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTH_MUSCLE_CONTRACTION		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_GLOMERULAR_MESANGIUM_DEVELOPMENT		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_TOLL LIKE RECEPTOR_7_SIGNALING_PATHWAY		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CATECHOLAMINE_TRANSPORT		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_STEROID_HORMONE_BIOSYNTHETIC_PROCESS		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PHOTOTRANSDUCTION_VISIBLE_LIGHT		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_ATP_SYNTHESIS_COUPLED_ELECTRON_TRANSPORT		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_INTERLEUKIN_23_PRODUCTION		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CD4_POSITIVE_OR_CD8_POSITIVE_ALPHA_BETA_T_CELL_LINEAGE_COMMITMENT		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_SUPEROXIDE_ANION_GENERATION		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEM_CELL_PROLIFERATION		0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PRODUCTION_OF_MOLECULAR_MEDIATOR_OF_IMMUNE_RESPONSE		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_RNA_POLYMERASE_I_PREINITIATION_COMPLEX_ASSEMBLY		0.9	5.4E-01	7.7E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INCLUSION_BODY_ASSEMBLY		0.9	5.4E-01	7.7E-01	6.2E-01
NecD vs CTRL	GOBP_GLUCOSE_METABOLIC_PROCESS		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_INFLAMMATORY_CELL_APOPTOTIC_PROCESS		0.9	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_EGG_ACTIVATION		0.9	5.4E-01	7.7E-01	6.2E-01
NecD vs CTRL	GOBP_VITAMIN_CATABOLIC_PROCESS		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MUSCLE_CONTRACTION		0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INNATE_IMMUNE_RESPONSE		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PROTEIN_INSERTION_INTO_MITOCHONDRIAL_OUTER_MEMBRANE		0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_GASTRIC_ACID_SECRETION		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MERCURY_ION		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_NEUTROPHIL_MEDIATED_IMMUNITY		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_KILLING		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NON_MOTILE_CILIUM		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_BRONCHUS_DEVELOPMENT		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_MONOSACCHARIDE_METABOLIC_PROCESS		0.9	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_EMBRYONIC_VISCEROCRANIUM_MORPHOGENESIS		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_PTERIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS		0.9	5.8E-01	7.9E-01	6.5E-01

NecD vs CTRL	GOBP_RENAL_ABSORPTION		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HEPATOCYTE_PROLIFERATION		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_CELL_DIFFERENTIATION_INVOLVED_IN_METANEPHROS_DEVELOPMENT		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOTIDE_METABOLIC_PROCESS		0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_MAST_CELL_ACTIVATION		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_OSTEOCLAST_PROLIFERATION		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_T_CELL_RECEPTOR_SIGNALING_PATHWAY		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_CHRONIC_INFLAMMATORY_RESPONSE		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUTAMATE_SECRETION		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_EPINEPHRINE_TRANSPORT		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CELL_ADHESION_MEDIATED_BY_CADHERIN		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_APOPTOTIC_PROCESS		0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_DIGESTION		0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_UBIQUITIN_PROTEIN_LIGASE_ACTIVITY		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PRIMARY_ALCOHOL_BIOSYNTHETIC_PROCESS		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPIDERMIS_DEVELOPMENT		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE_BY_P53_CLASS_MEDIATOR		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_STEROID_HORMONE_STIMULUS		0.9	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_AMIDE_CATABOLIC_PROCESS		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AMYLOID_BETA		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_MYD88_INDEPENDENT_TOLL LIKE RECEPTOR_SIGNALING_PATHWAY		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_TOPOLOGICALLY_INCORRECT_PROTEIN		0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYELOID_LEUKOCYTE_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_QUINONE_METABOLIC_PROCESS		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUCOSE_METABOLIC_PROCESS		0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_ENDOGENOUS_ANTIGEN		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_ACTOMYOSIN_CONTRACTILE_RING_ORGANIZATION		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_CATECHOL_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS		0.9	5.6E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_CATECHOL_CONTAINING_COMPOUND_METABOLIC_PROCESS		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_COLLAGEN_FIBRIL_ORGANIZATION		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLL LIKE RECEPTOR_2_SIGNALING_PATHWAY		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_LUNG_SACCULE_DEVELOPMENT		0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_UREA_CYCLE		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_GLOMERULAR_EPITHELIUM_DEVELOPMENT		0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEROID_HORMONE_BIOSYNTHETIC_PROCESS		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NUCLEOCYTOPLASMIC_TRANSPORT		0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_TRACHEA_MORPHOGENESIS		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION		0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS		0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_PROTEIN_TRIMERIZATION		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_PRODUCTION		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_4_PRODUCTION		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIIUM_ION_DEPENDENT_EXOCYTOSIS		0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_ACTIVATION		0.9	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_HYDROGEN_PEROXIDE_METABOLIC_PROCESS		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_LONG_TERM_SYNAPTIC_POTENTIATION		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_PRODUCTION		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_SPERM_MOTILITY		0.9	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_MAST_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		0.9	6.6E-01	8.3E-01	6.8E-01

NecD vs CTRL	GOBP_HEMOGLOBIN_METABOLIC_PROCESS		0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_ARF_PROTEIN_SIGNAL_TRANSDUCTION		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_TARGETING_TO_MEMBRANE		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NK_T_CELL_ACTIVATION		0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_HAIR_FOLLICLE_MATURATION		0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_FAT_SOLUBLE_VITAMIN_CATABOLIC_PROCESS		0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_MICROTUBULE_NUCLEATION		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_12_PRODUCTION		0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_RECEPTOR_SIGNALING_PATHWAY		0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_MEDIATED_IMMUNITY		0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_MICROTUBULE_BUNDLE_FORMATION		0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_STORE_OPERATED_CALCIUM_ENTRY		0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_RIBOSOME_DISASSEMBLY		0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CAFFEINE		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_NITRIC_OXIDE		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_COMPLEX_STABILITY		0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLYCOPROTEIN_METABOLIC_PROCESS		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_HEPATOCYTE_GROWTH_FACTOR		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_CELL_DEVELOPMENT		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_SURFACTANT_HOMEOSTASIS		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SODIUM_ION_TRANSPORT		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PAIN		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STEM_CELL_DIFFERENTIATION		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_RYANODINE_SENSITIVE_CALCIUM_RELEASE_CHANNEL_ACTIVITY		0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_PHOSPHATE_ION_TRANSPORT		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_BIOSYNTHETIC_PROCESS		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_MULTIVESICULAR_BODY_SORTING_PATHWAY		0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT		0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ALDEHYDE_BIOSYNTHETIC_PROCESS		0.9	6.1E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_VITAMIN_K_METABOLIC_PROCESS		0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_RELAXATION_OF_MUSCLE		0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_PURINERGIC_NUCLEOTIDE_RECEPTOR_SIGNALING_PATHWAY		0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_MEDIATED_CYTOTOXICITY		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_BIOLOGICAL_PROCESS_INVOLVED_IN_SYMBIOTIC_INTERACTION		0.9	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE_PROCESS		0.9	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_PROTEIN_EXIT_FROM_ENDOPLASMIC_RETICULUM		0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_SEROTONIN_UPTAKE		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION		0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_SKIN_BARRIER		0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_NUCLEAR_TRANSPORT		0.9	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_ANDROGEN_METABOLIC_PROCESS		0.9	6.7E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_STEM_CELL_FATE_COMMITMENT		0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_FERTILIZATION		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOSIDE_TRIPHOSPHATE_METABOLIC_PROCESS		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_DENDRITIC_CELL_MIGRATION		0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_SINGLE_FERTILIZATION		0.9	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_DIOL_BIOSYNTHETIC_PROCESS		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATIONAL_FIDELITY		0.9	6.2E-01	8.1E-01	6.6E-01

NecD vs CTRL	GOBP_REGULATION_OF_CILIUM_MOVEMENT		0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_I		0.9	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_RENAL_VESICLE_DEVELOPMENT		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_IMP_METABOLIC_PROCESS		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_AN_ENDOTHELIUM		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_ALDITOL_METABOLIC_PROCESS		0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_DICARBOXYLIC_ACID_METABOLIC_PROCESS		0.9	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_SUPERFAMILY_CYTOKINE_PRODUCTION		0.9	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLUCOSE_IMPORT		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_MINERALOCORTICOID_METABOLIC_PROCESS		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_BARBED_END_ACTIN_FILAMENT_CAPPING		0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_DORSAL_SPINAL_CORD_DEVELOPMENT		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_MINERALOCORTICOID_STIMULUS		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_IMP_BIOSYNTHETIC_PROCESS		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_LYMPH_VESSEL_MORPHOGENESIS		0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_VIRAL_PROCESS		0.9	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_FC_GAMMA_RECEPTOR_SIGNALING_PATHWAY		0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ACIDIC_PH		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_GONADOTROPIN_SECRETION		0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOPROTEIN_PHOSPHATASE_ACTIVITY		0.9	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUCCORTICOID_METABOLIC_PROCESS		0.8	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_SKELETAL_MYOFIBRIL_ASSEMBLY		0.8	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LIPOTEICHOIC_ACID		0.8	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_MEDIATED_CYTOTOXICITY		0.8	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_KETONE_BIOSYNTHETIC_PROCESS		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_MATURATION_OF_SSU_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_NEPHRON_TUBULE_EPITHELIAL_CELL_DIFFERENTIATION		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_PHOSPHATE_ION_HOMEOSTASIS		0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_GABAERGIC		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION		0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FOLLICLE_STIMULATING_HORMONE		0.8	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CILIUM_BEAT_FREQUENCY		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_T_CELL_MEDIATED_CYTOTOXICITY		0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_SOMITE_ROSTRAL_CAUDAL_AXIS_SPECIFICATION		0.8	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MEDIATED_IMMUNITY		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION		0.8	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_NATURAL_KILLER_CELL_ACTIVATION		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AMPHETAMINE		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY		0.8	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PHOTOTRANSDUCTION		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_IMMUNE_RESPONSE_TO_TUMOR_CELL		0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_ORGANELLE_INHERITANCE		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_CGMP_MEDIATED_SIGNALING		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CHROMOSOME_TELOMERIC_REGION		0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_POLYSACCHARIDE_CATABOLIC_PROCESS		0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_LUNG_EPITHELIUM_DEVELOPMENT		0.8	7.3E-01	8.8E-01	7.1E-01

NecD vs CTRL	GOBP_TAIL_ANCHORED_MEMBRANE_PROTEIN_INSERTION_INTO_ER_MEMBRANE		0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_CELL_REDOX_HOMEOSTASIS		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_ACTIVATION		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_TELOMERASE_RNA_LOCALIZATION		0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_VESICLE_TARGETING_TO_FROM_OR_WITHIN_GOLGI		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_RAB_PROTEIN_SIGNAL_TRANSDUCTION		0.8	6.7E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_MEDIATED_SIGNALING		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_APOPTOTIC_PROCESS		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_2_CELL_DIFFERENTIATION		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CILIUM_DEPENDENT_CELL_MOTILITY		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_ZINC_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_PROTEIN_INSERTION_INTO_ER_MEMBRANE		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_EMBRYONIC_HINDLIMB_MORPHOGENESIS		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_TYPE_I_INTERFERON_PRODUCTION		0.8	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INACTIVITY		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_SELENIUM_ION		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_OSMOTIC_STRESS		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_NITROSATIVE_STRESS		0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY		0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_MYELOID_CELL_DEVELOPMENT		0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RRNA_3_END_PROCESSING		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_SNRNA_METABOLIC_PROCESS		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_UTP_METABOLIC_PROCESS		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUROTRANSMITTER_SECRETION		0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_REGULATED_SECRETORY_PATHWAY		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_KERATINIZATION		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_FUCOSYLATION		0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_TRANSPOSITION		0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_VESICLE_MEDIATED_TRANSPORT_BETWEEN_ENDOSOMAL_COMPARTMENTS		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_JUN_KINASE_ACTIVITY		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PTERIDINE_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS		0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_SODIUM_DEPENDENT_PHOSPHATE_TRANSPORT		0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_C_TERMINAL_PROTEIN_AMINO_ACID_MODIFICATION		0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_PLATELET_MORPHOGENESIS		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_OLIGOSACCHARIDE_LIPID_INTERMEDIATE_BIOSYNTHETIC_PROCESS		0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_EXTRACELLULAR_VESICLE_BIOGENESIS		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTEIN_ACTIVATION_CASCADE		0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_DEOXYRIBONUCLEASE_ACTIVITY		0.8	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_GOLGI_RIBBON_FORMATION		0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_BIOSYNTHETIC_PROCESS		0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_ENDOSOME		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TOPOLOGICALLY_INCORRECT_PROTEIN		0.8	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTRANSMITTER_UPTAKE		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TEMPERATURE_STIMULUS		0.8	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POSITIVE_THYMIC_T_CELL_SELECTION		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTEIN_MATURATION_BY_IRON_SULFUR_CLUSTER_TRANSFER		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_GLYCOSYL_COMPOUND_CATABOLIC_PROCESS		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_13_PRODUCTION		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_GOLGI_APPARATUS		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS		0.8	7.3E-01	8.8E-01	7.1E-01

NecD vs CTRL	GOBP_MATURATION_OF_LSU_RRNA		0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOTIDE_BIOSYNTHETIC_PROCESS		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT_ENDOSOME_TO_POSTSYNAPTIC_MEMBRANE		0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CILIUM_MOVEMENT		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATORY_NCRNA_MEDIATED_GENE_SILENCING		0.8	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NATURAL_KILLER_CELL_PROLIFERATION		0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_NITROGEN_CYCLE_METABOLIC_PROCESS		0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_MEIOTIC_CELL_CYCLE_PROCESS		0.8	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEIOTIC_CELL_CYCLE		0.8	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_TELOMERE_LOCALIZATION		0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MHC_CLASS_II_BIOSYNTHETIC_PROCESS		0.8	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_LIPID_PHOSPHORYLATION		0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_PROLIFERATION		0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_IMPORT		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_DIETARY_EXCESS		0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_RENAL_SYSTEM_PROCESS_INVOLVED_IN_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE		0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_FUSION		0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PHAGOCYTOSIS		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_RIBOSOME_BIOGENESIS		0.8	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TESTOSTERONE		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_PURINE_CONTAINING_COMPOUND_SALVAGE		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_HOMOLOGOUS_CHROMOSOME_PAIRING_AT_MEIOSIS		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION_BY_REGULATION_OF_THE_RELEASE_OF_SEQUESTERED_CALCIIUM_ION		0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_RHODOPSIN_MEDIATED_SIGNALING_PATHWAY		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NONRIBOSOMAL_PEPTIDE_BIOSYNTHETIC_PROCESS		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_RESOLUTION_OF_MEIOTIC_RECOMBINATION_INTERMEDIATES		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_CYTOKINETIC_PROCESS		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_OPSONIZATION		0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTEIN_INSERTION_INTO_MITOCHONDRIAL_INNER_MEMBRANE		0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_INHIBITORY_POSTSYNAPTIC_POTENTIAL		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHATASE_ACTIVITY		0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_CHAPERONE_COFACTOR_DEPENDENT_PROTEIN_REFOLDING		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FIBROBLAST_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION		0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RRNA_PROCESSING		0.8	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_OPSONIZATION		0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA		0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_FLUID_TRANSPORT		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_K48_LINKED_DEUBIQUITINATION		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_APOPTOTIC_PROCESS		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NUCLEOBASE_CONTAINING_SMALL_MOLECULE_CATABOLIC_PROCESS		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_CONDUCTION		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_REGULATED_SECRETORY_PATHWAY		0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RECEPTOR_INTERNALIZATION		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TOLERANCE_INDUCION		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_AUTOPHAGY_OF_PEROXISOME		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_STRESS_GRANULE_ASSEMBLY		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPIRATION		0.8	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_BILE_ACID_METABOLIC_PROCESS		0.8	8.6E-01	9.4E-01	7.7E-01

NecD vs CTRL	GOBP_REGULATION_OF_TRIGLYCERIDE_CATABOLIC_PROCESS		0.8	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_RESCUE_OF_STALLED_RIBOSOME		0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_LEUKOCYTE_MEDIATED_CYTOTOXICITY		0.8	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHETIC_PROCESS		0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_GLYCOPHAGY		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_INTERLEUKIN_12_PRODUCTION		0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PURINE_CONTAINING_COMPOUND		0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEPATOCYTE_PROLIFERATION		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_OF_NUCLEOLAR_LARGE_RRNA_BY_RNA_POLYMERASE_I		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_ADENOHYPOPHYSIS_DEVELOPMENT		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_OMEGA_HYDROXYLASE_P450_PATHWAY		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_FIBER_DEVELOPMENT		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_CHROMOSOME		0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ANTIGEN_RECEPTOR_MEDIATED_SIGNALING_PATHWAY		0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_CYTIDINE_METABOLIC_PROCESS		0.7	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_GOLGI_VESICLE_BUDDING		0.7	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_DIFFERENTIATION		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_17_CELL_DIFFERENTIATION		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_2		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_TEMPERATURE_STIMULUS		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_PROTEIN_MODIFICATION_BY_SMALL_PROTEIN_REMOVAL		0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_EPITHELIAL_TUBE_BRANCHING_INVOLVED_IN_LUNG_MORPHOGENESIS		0.7	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_PROTEIN_KINASE_C_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_B_CELL_RECEPTOR_SIGNALING_PATHWAY		0.7	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MEGAKARYOCYTE_DEVELOPMENT		0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_LYMPHANGIOGENESIS		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_AMINOACYL_TRNA_METABOLISM_INVOLVED_IN_TRANSLATIONAL_FIDELITY		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_CDP_DIACYLGLYCEROL_BIOSYNTHETIC_PROCESS		0.7	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_PEROXISOME		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_2_PRODUCTION		0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CELL_ADHESION_MEDIATED_BY_INTEGRIN		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_GALACTOSE_METABOLIC_PROCESS		0.7	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MAST_CELL_DEGRANULATION		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_INTERFERON_BETA_PRODUCTION		0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTRACELLULAR_STEROID_HORMONE_RECEPTOR_SIGNALING_PATHWAY		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_CILIUM_MOVEMENT_INVOLVED_IN_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY		0.7	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_ANTIBACTERIAL_PEPTIDE_PRODUCTION		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_SPINDLE_ASSEMBLY		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_BUNDLE_ASSEMBLY		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_PROTEIN_HETEROOLIGOMERIZATION		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEASOMAL_PROTEIN_CATABOLIC_PROCESS		0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_P_BODY_ASSEMBLY		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_INTRACELLULAR_MONOATOMIC_ANION_HOMEOSTASIS		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_DENSE_CORE_GRANULE_EXOCYTOSIS		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_SHORT_CHAIN_FATTY_ACID_METABOLIC_PROCESS		0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_CYTOCHROME_COMPLEX_ASSEMBLY		0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_LEUKOTRIENE_METABOLIC_PROCESS		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ANTIMICROBIAL_PEPTIDE_PRODUCTION		0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_HOMOLOGOUS_CHROMOSOME_SEGREGATION		0.7	9.5E-01	9.9E-01	8.0E-01
NecD vs CTRL	GOBP_T_CELL_CHEMOTAXIS		0.7	8.8E-01	9.5E-01	7.8E-01

NecD vs CTRL	GOBP_DEOXYRIBONUCLEOSIDE_MONOPHOSPHATE_CATABOLIC_PROCESS		0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MATURATION_OF_SSU_RRNA		0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CELLULAR_PIGMENTATION		0.7	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_BIOTIC_STIMULUS		0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CHROMOSOME_TELOMERIC_REGION		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOKINE_PRODUCTION_INVOLVED_IN_IMMUNE_RESPONSE		0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_CHROMOSOME_ORGANIZATION_INVOLVED_IN_MEIOTIC_CELL_CYCLE		0.7	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POLYAMINE_TRANSPORT		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_BOX_C_D_SNORNP_ASSEMBLY		0.7	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_SEBACEOUS_GLAND_DEVELOPMENT		0.7	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_CELLULAR_METABOLIC_COMPOUND_SALVAGE		0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_GLYCOPROTEIN		0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_CELLULAR_GLUCURONIDATION		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_GAMMA_DELTA_T_CELL_DIFFERENTIATION		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_POST_TRANSLATIONAL_PROTEIN_MODIFICATION		0.7	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_SUGAR_METABOLIC_PROCESS		0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_ATP_TRANSPORT		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_ENDOSOME		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_PROTEIN_NITROSYLATION		0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_CATABOLIC_PROCESS		0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHROMOSOME_CONDENSATION		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_HEAT		0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HORMONE_METABOLIC_PROCESS		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TISSUE_REMODELING		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_IRON_ION_TRANSMEMBRANE_TRANSPORT		0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_IRES_DEPENDENT_VIRAL_TRANSLATIONAL_INITIATION		0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_VESICLE_FUSION		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_I_KAPPAB_PHOSPHORYLATION		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ADENOSINE_METABOLIC_PROCESS		0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_ABSENCE_OF_LIGAND		0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_PEPTIDYL_ARGININE_METHYLATION		0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS_ENZYMATIC_MODIFICATION		0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY		0.7	9.3E-01	9.7E-01	8.0E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_FUSION		0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_DEGRANULATION		0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RIG_I_SIGNALING_PATHWAY		0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_GLYCOLIPID_CATABOLIC_PROCESS		0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_JNK_CASCADE		0.7	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MIDBODY_ABSCISSION		0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_NEDDYLATION		0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_KILLING_BY_HOST_OF_SYMBIONT_CELLS		0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CRD_MEDIATED_MRNA_STABILIZATION		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MATURATION_OF_5_8S_RRNA_FROM_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA		0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MUSCLE_HYPERTROPHY		0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CD4_POSITIVE_ALPHA_BETA_T_CELL_PROLIFERATION		0.7	8.5E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_METABOLIC_PROCESS		0.7	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_SINGLE_STRAND_BREAK_REPAIR		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NOREPINEPHRINE_SECRETION		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTON_TRANSPORT		0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_VIRAL_TRANSLATION		0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_PYRIMIDINE_RIBONUCLEOSIDE_TRIPHOSPHATE_BIOSYNTHETIC_PROCESS		0.7	8.5E-01	9.4E-01	7.6E-01

NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_10_PRODUCTION		0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLUTAMATE_SECRETION		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ZINC_ION_TRANSPORT		0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_FLAGELLATED_SPERM_MOTILITY		0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOSIDE_BIOSYNTHETIC_PROCESS		0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_STARTLE_RESPONSE		0.7	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_DENDRITIC_CELL_CYTOKINE_PRODUCTION		0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_COLD		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_PEPTIDYL_ARGININE_MODIFICATION		0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYTOPLASMIC_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_XENOBIOTIC_CATABOLIC_PROCESS		0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_COPPER_ION_TRANSPORT		0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NON_LYTIC_VIRAL_RELEASE		0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOSIDE_MONOPHOSPHATE_BIOSYNTHETIC_PROCESS		0.6	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TELOMERE_MAINTENANCE_VIA_TELOMERE_LENGTHENING		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_SIZE		0.6	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HUMORAL_IMMUNE_RESPONSE_MEDIATED_BY_CIRCULATING_IMMUNOGLOBULIN		0.6	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_SYNAPTONEMAL_COMPLEX_ORGANIZATION		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION		0.6	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_PROTEIN_NEDDYLYATION		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RADIAL_GLIAL_CELL_DIFFERENTIATION		0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_NADH_DEHYDROGENASE_COMPLEX_ASSEMBLY		0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_DEGRANULATION		0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_SMALL_NUCLEOLAR_RIBONUCLEOPROTEIN_COMPLEX_ASSEMBLY		0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_PROTEIN_IMPORT_INTO_PEROXISOME_MATRIX		0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_RIG_I_SIGNALING_PATHWAY		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_INTERLEUKIN_18_PRODUCTION		0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_CGMP_BIOSYNTHETIC_PROCESS		0.6	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANTIMICROBIAL_HUMORAL_RESPONSE		0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_MRNA_MODIFICATION		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_MEMBRANE_DEPOLARIZATION_DURING_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NUCLEAR_ENVELOPE		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_ANDROGEN_BIOSYNTHETIC_PROCESS		0.6	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ALPHA_BETA_T_CELL_PROLIFERATION		0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CELL_PROLIFERATION_IN_HINDBRAIN		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_PROTEIN_AUTO_ADP_RIBOSYLATION		0.6	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HEMATOPOIETIC_PROGENITOR_CELL_DIFFERENTIATION		0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MODULATION_OF_PROCESS_OF_ANOTHER_ORGANISM		0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_DE_NOVO_PROTEIN_FOLDING		0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_PROLIFERATION		0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_SNRNA_3_END_PROCESSING		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_INTRACILIARY_TRANSPORT		0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_TRANSLATION		0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_5_PRODUCTION		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NATURAL_KILLER_CELL_ACTIVATION		0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_ENDODERMAL_CELL_FATE_COMMITMENT		0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_INTERLEUKIN_13_PRODUCTION		0.6	9.5E-01	9.9E-01	8.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEOLYSIS_INVOLVED_IN_PROTEIN_CATABOLIC_PROCESS		0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEUTROPHIL_DEGRANULATION		0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_FORMATION_OF_CYTOPLASMIC_TRANSLATION_INITIATION_COMPLEX		0.6	9.3E-01	9.7E-01	7.9E-01

NecD vs CTRL	GOBP_REGULATION_OF_GONADOTROPIN_SECRETION		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MHC_CLASS_II_BIOSYNTHETIC_PROCESS		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_BICELLULAR_TIGHT_JUNCTION_ASSEMBLY		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PURINE_DEOXYRIBONUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_GROWTH_INVOLVED_IN_CARDIAC_MUSCLE_CELL_DEVELOPMENT		0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NK_T_CELL_ACTIVATION		0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_TRANS_SYNAPTIC_SIGNALING_MODULATING_SYNAPTIC_TRANSMISSION		0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE_BY_CIRCULATORY_RENIN_ANGIOTENSIN		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANGIOTENSIN_LEVELS_IN_BLOOD		0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CENTROSOME_SEPARATION		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_MICROGLIA_DIFFERENTIATION		0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_INNER_MITOCHONDRIAL_MEMBRANE_ORGANIZATION		0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_LIPID_METABOLIC_PROCESS		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_AUDITORY_RECEPTOR_CELL_MORPHOGENESIS		0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RRNA_MODIFICATION		0.6	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_GLOMERULAR_BASEMENT_MEMBRANE_DEVELOPMENT		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_CEREBELLAR_PURKINJE_CELL_LAYER_FORMATION		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_GERM_CELL_PROLIFERATION		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RIBOSOMAL_SMALL_SUBUNIT_BIOGENESIS		0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERFERON_ALPHA		0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_IMMUNE_RESPONSE_REGULATING_CELL_SURFACE_RECEPTOR_SIGNALING_PATHWAY_INVOLVED_IN_PHAGOCYTOSIS		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VESICLE_FUSION		0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_COPPER_ION_HOMEOSTASIS		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PERK_MEDIATED_UNFOLDED_PROTEIN_RESPONSE		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_CHAPERONE_MEDIATED_PROTEIN_FOLDING		0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING_TO_IGG_ISOTYPES		0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_ENDONUCLEOLYTIC_CLEAVAGE_OF_TRICISTRONIC_RRNA_TRANSCRIPT_SSU_RRNA_5_8S_RRNA_LSU_RRNA		0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_VESICLE_TARGETING_ROUGH_ER_TO_CIS_GOLGI		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MODULATION_BY_HOST_OF_VIRAL_GENOME_REPLICATION		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_NONSENSE_MEDIATED_DECAY		0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_HEME_A_METABOLIC_PROCESS		0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_UV_B		0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_LIPOXYGENASE_PATHWAY		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_SA_NODE_CELL_TO_ATRIAL_CARDIAC_MUSCLE_CELL_COMMUNICATION		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RRNA_PROCESSING		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISMAL_LEVEL_WATER_HOMEOSTASIS		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_FEMALE_MEIOSIS_I		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_GOLGI_ORGANIZATION		0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_INTERLEUKIN_5_PRODUCTION		0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RENAL_WATER_HOMEOSTASIS		0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEASOMAL_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_SPHINGOLIPID_BIOSYNTHETIC_PROCESS		0.4	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_METAPHASE_ANAPHASE_TRANSITION_OF_CELL_CYCLE		0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INFLAMMASOME_MEDIATED_SIGNALING_PATHWAY		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_ISOTYPE_SWITCHING_TO_IGG_ISOTYPES		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_METABOLIC_PROCESS		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_OPSIN_MEDIATED_SIGNALING_PATHWAY		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PURINE_RIBONUCLEOSIDE_METABOLIC_PROCESS		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEUTROPHIL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_TRNA_5_LEADER_REMOVAL		-0.4	1.0E+00	1.0E+00	8.2E-01

NecD vs CTRL	GOBP_PROTEIN_REFOLDING		-0.4	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_TRNA_THREONYLCARBAMOYLADENOSINE_METABOLIC_PROCESS		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_INTRACELLULAR_PROTEIN_TRANSMEMBRANE_TRANSPORT		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOSIDE_METABOLIC_PROCESS		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_GMP_BIOSYNTHETIC_PROCESS		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_GROWTH_INVOLVED_IN_CARDIAC_MUSCLE_CELL_DEVELOPMENT		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RIBONUCLEOPROTEIN_COMPLEX_LOCALIZATION		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_OXIDATIVE_DEMETHYLATION		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_AMP_BIOSYNTHETIC_PROCESS		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MRNA_PROCESSING		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_UNFOLDED_PROTEIN_RESPONSE		-0.5	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PROTON_MOTIVE_FORCE_DRIVEN_ATP_SYNTHESIS		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_TRIPHOSPHATE_METABOLIC_PROCESS		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_BIOSYNTHETIC_PROCESS		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_ENDOCARDIUM_DEVELOPMENT		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_PROTEIN_CATABOLIC_PROCESS		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_ELONGATION_BY_RNA_POLYMERASE_II		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RNA_SURVEILLANCE		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_BUNDLE_OF_HIS_CELL_TO_PURKINJE_MYOCYTE_COMMUNICATION		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_BASE_CONVERSION_OR_SUBSTITUTION_EDITING		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-0.5	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ETHER		-0.5	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PYRUVATE_FAMILY_AMINO_ACID_METABOLIC_PROCESS		-0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_LIPID_DROPLET_ORGANIZATION		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PROTEIN_DEGLYCOSYLATION		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_INFLAMMASOME_MEDIATED_SIGNALING_PATHWAY		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSLATIONAL_INITIATION		-0.5	9.7E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_TRACHEA_DEVELOPMENT		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_MATURATION		-0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ALCOHOL_BIOSYNTHETIC_PROCESS		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TELOMERE_CAPPING		-0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_METABOLIC_PROCESS		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RIBOSOMAL_LARGE_SUBUNIT_ASSEMBLY		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NUCLEOBASE_BIOSYNTHETIC_PROCESS		-0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_INTRACELLULAR_CORTICOSTEROID_RECEPTOR_SIGNALING_PATHWAY		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEIOTIC_NUCLEAR_DIVISION		-0.5	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_SEQUESTERING_OF_EXTRACELLULAR_LIGAND_FROM_RECEPTOR		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RIBONUCLEOPROTEIN_COMPLEX_BIOGENESIS		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TYPE_III_INTERFERON		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ARSENIC_CONTAINING_SUBSTANCE		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_GLYCINE_METABOLIC_PROCESS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RIG_I_SIGNALING_PATHWAY		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_ATP_BIOSYNTHETIC_PROCESS		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_BINDING_OLIGOMERIZATION_DOMAIN_CONTAINING_2_SIGNALING_PATHWAY		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_PHOSPHOLIPID_SCRAMBLING		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_MULTIVESICULAR_BODY_ORGANIZATION		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATION_IN_RESPONSE_TO_STRESS		-0.6	9.6E-01	9.9E-01	8.1E-01

NecD vs CTRL	GOBP_MITOTIC_CYTOKINETIC_PROCESS		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ATP_DEPENDENT_ACTIVITY		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_PROTEIN_TARGETING_TO_LYSOSOME		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CELL_CELL_JUNCTION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_ENDOSOME_TRANSPORT_VIA_MULTIVESICULAR_BODY_SORTING_PATHWAY		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_SNO_S_RNA_PROCESSING		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_FOLIC_ACID_CONTAINING_COMPOUND_METABOLIC_PROCESS		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PEPTIDYL_THREONINE_DEPHOSPHORYLATION		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RRNA_METABOLIC_PROCESS		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MEIOTIC_SISTER_CHROMATID_COHESION		-0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_SALVAGE		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TYPE_I_INTERFERON_MEDIATED_SIGNALING_PATHWAY		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PROTEIN_FOLDING		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_TERMINATION_OF_RNA_POLYMERASE_II_TRANSCRIPTION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_IMMOBILIZATION_STRESS		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_BILE_ACID_SIGNALING_PATHWAY		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_SUBSTANTIA_NIGRA_DEVELOPMENT		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_CEREBELLAR_PURKINJE_CELL_LAYER_MORPHOGENESIS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_RRNA_METHYLATION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MEMBRANE_PROTEIN_INTRACELLULAR_DOMAIN_PROTEOLYSIS		-0.6	9.5E-01	9.9E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_INFLAMMASOME_MEDIATED_SIGNALING_PATHWAY		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_GOLGI_ORGANIZATION		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PEPTIDYL_GLUTAMIC_ACID_MODIFICATION		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_HEAT		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_RNA_MODIFICATION		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_CELL_DIFFERENTIATION		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_DEOXYRIBONUCLEOSIDE_MONOPHOSPHATE_METABOLIC_PROCESS		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PITUITARY_GLAND_DEVELOPMENT		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_SEROTONIN_SECRETION		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_DEPHOSPHORYLATION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_CYTOPLASMIC_TRANSLATION		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOPHAGY_IN_RESPONSE_TO_MITOCHONDRIAL_DEPOLARIZATION		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_VESICLE_COATING		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_N_ACETYLGUCOSAMINE_METABOLIC_PROCESS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHATASE_ACTIVITY		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_MATURATION_OF_5_8S_RRNA		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY_COUPLED_TO_CYCLIC_NUCLEOTIDE_SECOND_MESSENGER		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CENTROSOME		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POLYOL_CATABOLIC_PROCESS		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_RESPIRATORY_CHAIN_COMPLEX_ASSEMBLY		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CENP_A_CONTAINING_CHROMATIN		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_CHEMOTAXIS		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_MEMBRANE_LIPID_CATABOLIC_PROCESS		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SINGLE_STRANDED_VIRAL_RNA_REPLICATION_VIA_DOUBLE_STRANDED_DNA_INTERMEDIATE		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_BISPHOSPHATE_CATABOLIC_PROCESS		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MITOCHONDRIAL_DEPOLARISATION		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHROMOSOME_SEPARATION		-0.6	9.6E-01	9.9E-01	8.1E-01

NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_SURFACE		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_PROTEIN_POLYGLUTAMYLATION		-0.6	9.3E-01	9.7E-01	8.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_WATER		-0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_ANATOMICAL_STRUCTURE_REGRESSION		-0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_AEROBIC_RESPIRATION		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PROTEIN_POLY_ADP_RIBOSYLATION		-0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION_GABAERGIC		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_EXPORT_ACROSS_PLASMA_MEMBRANE		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_I		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_DETECTION_OF_TEMPERATURE_STIMULUS		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATION_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		-0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_RECEPTOR_INTERNALIZATION		-0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_BIOSYNTHETIC_PROCESS		-0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_CYTOPLASMIC_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MEIOTIC_CELL_CYCLE		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MALE_MEIOSIS_I		-0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_MEIOSIS_I_CELL_CYCLE_PROCESS		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_SRP_DEPENDENT_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_UV_B		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_INSEMINATION		-0.6	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_ESCRT_COMPLEX_DISASSEMBLY		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_VESICLE_TETHERING		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_CERAMIDE_CATABOLIC_PROCESS		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_LIPID_DROPLET_FORMATION		-0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_GLYCINE_TRANSPORT		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_SPERM_EGG_RECOGNITION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_MIGRATION		-0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_DOUBLE_STRAND_BREAK_REPAIR_VIA_BREAK_INDUCED_REPLICATION		-0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CATECHOLAMINE_SECRETION		-0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_GLOMERULAR_EPITHELIAL_CELL_DEVELOPMENT		-0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_REPAIR		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_MEDIATED_IMMUNITY		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_BINDING_OF_SPERM_TO_ZONA_PELLUCIDA		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_GMP_METABOLIC_PROCESS		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_12_PRODUCTION		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_GLYCOSYLCERAMIDE_METABOLIC_PROCESS		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MYELOID_DENDRITIC_CELL_ACTIVATION		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_ALPHA_BETA_T_CELL_DIFFERENTIATION		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_BASED_MOVEMENT		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_AMP_METABOLIC_PROCESS		-0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULOGENESIS		-0.6	9.0E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_PHOSPHORYLATION		-0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_CHEMOKINE_C_C_MOTIF_LIGAND_5_PRODUCTION		-0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_STIMULUS_INVOLVED_IN_REGULATION_OF_MUSCLE_ADAPTATION		-0.6	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_APOPTOTIC_PROCESS		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_SPINDLE_ASSEMBLY		-0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_INTERSTRAND_CROSS_LINK_REPAIR		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOSOME_SIZE		-0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOTIC_SISTER_CHROMATID_SEPARATION		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOTIDE_BIOSYNTHETIC_PROCESS		-0.6	9.4E-01	9.8E-01	8.0E-01

NecD vs CTRL	GOBP_NEURAL_CREST_FORMATION		-0.6	9.0E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHROMATIN_BINDING		-0.6	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_BEHAVIORAL_RESPONSE_TO_PAIN		-0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_HOMOLOGOUS_RECOMBINATION		-0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_CELL_DIFFERENTIATION_IN_HINDBRAIN		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_PEROXISOMAL_TRANSPORT		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TELOMERASE_ACTIVITY		-0.7	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_TRIPHOSPHATE_BIOSYNTHETIC_PROCESS		-0.7	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_FATTY_ACID_DERIVATIVE_CATABOLIC_PROCESS		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_SPONTANEOUS_SYNAPTIC_TRANSMISSION		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEURAL_NUCLEUS_DEVELOPMENT		-0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_VESICLE_TRANSPORT_ALONG_MICROTUBULE		-0.7	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_OXIDATIVE_PHOSPHORYLATION		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEIOTIC_CELL_CYCLE		-0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_SPHINGOSINE_1_PHOSPHATE_RECEPTOR_SIGNALING_PATHWAY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_ISOTYPE_SWITCHING		-0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_HYPOXIA		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATHWAY		-0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_REDOX_STATE		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_GLCAN_METABOLIC_PROCESS		-0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_CHORION_DEVELOPMENT		-0.7	8.9E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CONTRACTION_BY_CALCIIUM_ION_SIGNALING		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_SURFACE		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION		-0.7	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLUONEOGENESIS		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_GENE_EXPRESSION		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_CYTOPLASMIC_TRANSLATIONAL_INITIATION		-0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM		-0.7	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_MITOTIC_NUCLEAR_DIVISION		-0.7	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_MICROTUBULE_BASED_MOVEMENT		-0.7	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_LACTATE_METABOLIC_PROCESS		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_PERK_MEDIATED_UNFOLDED_PROTEIN_RESPONSE		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ER_OVERLOAD_RESPONSE		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_B_CELL_PROLIFERATION		-0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_SEGMENT_SPECIFICATION		-0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_CARDIAC_CELL_FATE_COMMITMENT		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LONG_TERM_SYNAPTIC_POTENTIATION		-0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_PROTEIN_INSERTION_INTO_MEMBRANE		-0.7	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_N_ACETYLNEURAMINATE_METABOLIC_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_DIENCEPHALON_DEVELOPMENT		-0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_VESICLE_LOCALIZATION		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_SNRNA_PROCESSING		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NITRIC_OXIDE_SYNTHASE_ACTIVITY		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_PYRUVATE_FAMILY_AMINO_ACID_CATABOLIC_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_PURINE_DEOXYRIBONUCLEOTIDE_METABOLIC_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NUCLEAR_MRNA_SURVEILLANCE		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_MYELOID_DENDRITIC_CELL_DIFFERENTIATION		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_CELL_ADHESION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_FUCOSE_METABOLIC_PROCESS		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEMBRANE_PERMEABILITY		-0.7	9.1E-01	9.7E-01	7.9E-01

NecD vs CTRL	GOBP_PURINE_DEOXYRIBONUCLEOTIDE_CATABOLIC_PROCESS		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_TELOMERE_MAINTENANCE_VIA_TELOMERE_LENGTHENING		-0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_G1_TO_G0_TRANSITION		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOBASE_METABOLIC_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_BILE_ACID_SECRETION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_URONIC_ACID_METABOLIC_PROCESS		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_ANTIBACTERIAL_HUMORAL_RESPONSE		-0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_NAIL_DEVELOPMENT		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RECEPTOR_MEDIATED_ENDOCYTOSIS		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_SOMATIC_DIVERSIFICATION_OF_IMMUNE_RECEPTORS_VIA_SOMATIC_MUTATION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_FC_RECEPTOR_MEDIATED_STIMULATORY_SIGNALING_PATHWAY		-0.7	8.5E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_ASSEMBLY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ISOTYPE_SWITCHING		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_BLOOD_COAGULATION_FIBRIN_CLOT_FORMATION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FATTY_ACID_METABOLIC_PROCESS		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_PERIPHERAL_NERVOUS_SYSTEM_NEURON_DIFFERENTIATION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TYPE_2_IMMUNE_RESPONSE		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ANAPHASE_PROMOTING_COMPLEX_DEPENDENT_CATABOLIC_PROCESS		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_CYTIDINE_TO_URIDINE_EDITING		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_COTRANSLATIONAL_PROTEIN_TARGETING_TO_MEMBRANE		-0.7	8.9E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_AMMONIUM_TRANSMEMBRANE_TRANSPORT		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_TRNA_5_END_PROCESSING		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AUTOPHAGY_OF_MITOCHONDRION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SPINDLE_ASSEMBLY		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_TYPE_B_PANCREATIC_CELL_PROLIFERATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MEMBRANE_DISASSEMBLY		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_DNA_CONFORMATION_CHANGE		-0.7	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_BLASTOCYST_GROWTH		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_MEMBRANE_ORGANIZATION		-0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RNA_EXPORT_FROM_NUCLEUS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_COCAINE		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPIRATION		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_ENERGY_DERIVATION_BY_OXIDATION_OF_ORGANIC_COMPOUNDS		-0.7	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_PERMEABILITY		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_DETECTION_OF_CALCIIUM_ION		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_RECEPTOR_SIGNALING_PATHWAY		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_INNER_CELL_MASS_CELL_PROLIFERATION		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_LUMEN_ACIDIFICATION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_STEROID_HORMONE_MEDIATED_SIGNALING_PATHWAY		-0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_NEURON_FATE_DETERMINATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_III		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DEPHOSPHORYLATION		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_PIGMENT_GRANULE_MATURATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_QUATERNARY_AMMONIUM_GROUP_TRANSPORT		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_FC_RECEPTOR_SIGNALING_PATHWAY		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_MEMBRANE_ORGANIZATION		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_CEREBELLAR_PURKINJE_CELL_LAYER_DEVELOPMENT		-0.7	8.8E-01	9.5E-01	7.7E-01

NecD vs CTRL	GOBP_HEMOGLOBIN_BIOSYNTHETIC_PROCESS		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_COLLAGEN_METABOLIC_PROCESS		-0.7	8.9E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_BONE_MINERALIZATION_INVOLVED_IN_BONE_MATURATION		-0.7	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_CONTRACTION		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEASOMAL_PROTEIN_CATABOLIC_PROCESS		-0.7	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEASOMAL_PROTEIN_CATABOLIC_PROCESS		-0.7	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	GOBP_INTERFERON_ALPHA_PRODUCTION		-0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_PROTEIN_KINASE_B_ACTIVITY		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_CHROMATIN_LOOPING		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_SPERM_CAPACITATION		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_TRANSLATIONAL_TERMINATION		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOPLASMIC_PATTERN_RECOGNITION_RECEPTOR_SIGNALING_PATHWAY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_WATER_SOLUBLE_VITAMIN_METABOLIC_PROCESS		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_DENDRITIC_CELL_DIFFERENTIATION		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_HISTAMINE_SECRETION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PHOSPHATASE_ACTIVITY		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NATURAL_KILLER_CELL_ACTIVATION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_SURFACE		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_HELPER_17_TYPE_IMMUNE_RESPONSE		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_CELLULAR_MODIFIED_AMINO_ACID_CATABOLIC_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_ANTIVIRAL_INNATE_IMMUNE_RESPONSE		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_EMBRYONIC_HEMOPOIESIS		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_LYMPH_VESSEL_DEVELOPMENT		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_AUTOPHAGY_OF_MITOCHONDRION_IN_RESPONSE_TO_MITOCHONDRIAL_DEPOLARIZATION		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_PROTEIN_IMPORT		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_BONE TRABECULA FORMATION		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_BY_RNA_POLYMERASE_III		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_DNA_DEAMINATION		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_HYPOTONIC_RESPONSE		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOBASE_CONTAINING_COMPOUND_TRANSPORT		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_L_Glutamate		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_DRINKING_BEHAVIOR		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_RNA_SPLICING_VIA_ENDONUCLEOLYTIC_CLEAVAGE_AND_LIGATION		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_COBALT_ION		-0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_TETRAPYRROLE_METABOLIC_PROCESS		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_GLYCOSYL_COMPOUND_BIOSYNTHETIC_PROCESS		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_MEMBRANE_REPOLARIZATION		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_SIGNALING_PATHWAY		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_INNATE_IMMUNE_RESPONSE_IN_MUCOSA		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_CATECHOLAMINE_UPTAKE_INVOLVED_IN_SYNAPTIC_TRANSMISSION		-0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_NERVE_GROWTH_FACTOR_SIGNALING_PATHWAY		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUROTRANSMITTER_TRANSPORT		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_DEFENSE_RESPONSE_TO_BACTERIUM		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FATTY_ACID_BIOSYNTHETIC_PROCESS		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCINEURIN_MEDIATED_SIGNALING		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_GAMMA_DELTA_T_CELL_ACTIVATION		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_SPERMATID_DIFFERENTIATION		-0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLL LIKE RECEPTOR SIGNALING PATHWAY		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_MECHANOSENSORY_BEHAVIOR		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERFERON_ALPHA_PRODUCTION		-0.7	8.4E-01	9.3E-01	7.6E-01

NecD vs CTRL	GOBP_REGULATION_OF_NUCLEASE_ACTIVITY		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_CHROMOSOME		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_THYMIC_T_CELL_SELECTION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOSIDE_TRIPHOSPHATE_BIOSYNTHETIC_PROCESS		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOLIPID_TRANSPORT		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_EXECUTION_PHASE_OF_APOPTOSIS		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLL LIKE RECEPTOR_9_SIGNALING_PATHWAY		-0.7	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_CELL_PROLIFERATION		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_AUTOPHOSPHORYLATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLYCOPROTEIN_METABOLIC_PROCESS		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MEIOTIC_CHROMOSOME_SEGREGATION		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_VIRAL_TRANSCRIPTION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_TRICARBOXYLIC_ACID_METABOLIC_PROCESS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_SARCOMERE_ORGANIZATION		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NUCLEOBASE_CONTAINING_SMALL_MOLECULE_BIOSYNTHETIC_PROCESS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_C21_STEROID_HORMONE_BIOSYNTHETIC_PROCESS		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_MITOTIC_SPINDLE_ASSEMBLY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_SODIUM_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISMAL_LEVEL_CHEMICAL_HOMEOSTASIS		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_JUN_KINASE_ACTIVITY		-0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_KERATAN_SULFATE_METABOLIC_PROCESS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_EMBRYONIC_BODY_MORPHOGENESIS		-0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_MEIOTIC_SPINDLE_ASSEMBLY		-0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_GLYCOSYLATION		-0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_PEPTIDE_METABOLIC_PROCESS		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_GLUCOCORTICOID_BIOSYNTHETIC_PROCESS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_SEROTONIN_TRANSPORT		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_CYCLIC_NUCLEOTIDE_BIOSYNTHETIC_PROCESS		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_ENERGY_RESERVE_METABOLIC_PROCESS		-0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_PSEUDOURIDINE_SYNTHESIS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_TRNA_METABOLIC_PROCESS		-0.7	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEASOMAL_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_METANEPHRIC_NEPHRON_MORPHOGENESIS		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_DNA_REPLICATION		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_INNervation		-0.7	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_CHAPERONE_MEDIATED_PROTEIN_COMPLEX_ASSEMBLY		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_VITAMIN_D_BIOSYNTHETIC_PROCESS		-0.7	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VIRAL_PROCESS		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_RNA_LOCALIZATION		-0.7	9.5E-01	9.9E-01	8.0E-01
NecD vs CTRL	GOBP_RIBOSOME_ASSEMBLY		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_COPII_COATED_VESICLE_BUDDING		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_PHOSPHATE_BIOSYNTHETIC_PROCESS		-0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	GOBP_VESICLE_TARGETING		-0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_BY_HOST_OF_VIRAL_PROCESS		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_HISTAMINE_TRANSPORT		-0.7	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_MITOTIC_G2_DNA_DAMAGE_CHECKPOINT_SIGNALING		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_CRANIAL_NERVE_FORMATION		-0.7	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_ELECTRON_TRANSPORT_UBIQUINOL_TO_CYTOCHROME_C		-0.7	7.8E-01	9.0E-01	7.4E-01

NecD vs CTRL	GOBP_DNA_ALKYLATION_REPAIR		-0.7	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_GOLGI_LOCALIZATION		-0.7	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_SENESCENCE		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF GRANULOCYTE DIFFERENTIATION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_PARAXIAL_MESODERM_MORPHOGENESIS		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMBINATION		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DEFENSE_RESPONSE_TO_VIRUS_BY_HOST		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_TRANSLATIONAL_INITIATION		-0.8	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VIRAL_GENOME_REPLICATION		-0.8	8.5E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEIOTIC_CELL_CYCLE_PHASE_TRANSITION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INFLAMMASOME_MEDIATED_SIGNALING_PATHWAY		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_AMYLOID_BETA_METABOLIC_PROCESS		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RUFFLE_ORGANIZATION		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_VESICLE_CYTOSKELETAL_TRAFFICKING		-0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_IMMUNOGLOBULIN_PRODUCTION_INVOLVED_IN_IMMUNOGLOBULIN_MEDIATED_IMMUNE_RESPONSE		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_EXTRACELLULAR_REGULATION_OF_SIGNAL_TRANSDUCTION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_CELL_CELL_RECOGNITION		-0.8	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_17_CELL_LINEAGE_COMMITMENT		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_ORGANELLE_FISSION		-0.8	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOPLASMIC_TRANSLATION		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_GROWTH_HORMONE_SECRETION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXOSOMAL_SECRETION		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_PROTEIN_METHYLATION		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_AUDITORY_RECEPTOR_CELL_DEVELOPMENT		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_MONOATOMIC_ANION_HOMEOSTASIS		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEOLYSIS_INVOLVED_IN_PROTEIN_CATABOLIC_PROCESS		-0.8	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_TRANSLESION_SYNTHESIS		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_KINETOCHORE_ORGANIZATION		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_PROTEIN_TETRAMERIZATION		-0.8	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CARBOHYDRATE_STIMULUS		-0.8	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_ALDEHYDE_CATABOLIC_PROCESS		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_SENESCENCE		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_TYPE_II_INTERFERON		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION		-0.8	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_PORPHYRIN_CONTAINING_COMPOUND_METABOLIC_PROCESS		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_COLD		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CILIUM		-0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_L_ALANINE_TRANSPORT		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_KINETOCHORE_ASSEMBLY		-0.8	7.9E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOKINESIS		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_AMELOGENESIS		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HEART_RATE		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_TISSUE_REGENERATION		-0.8	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_CRISTAE_FORMATION		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GONADOTROPIN_STIMULUS		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_CHROMOSOME_CONDENSATION		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MEGAKARYOCYTE_DIFFERENTIATION		-0.8	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_GLUTAMATE_RECEPTOR_SIGNALING_PATHWAY		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_DIFFERENTIATION		-0.8	8.0E-01	9.1E-01	7.5E-01

NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_HEAT		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_PROTOPORPHYRINOGEN_IX_METABOLIC_PROCESS		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_RECEPTOR_CATABOLIC_PROCESS		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_PROTEIN_K11_LINKED_UBIQUITINATION		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_PROTEIN_HOMOTETRAMERIZATION		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PH		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_SOMATIC_DIVERSIFICATION_OF_IMMUNOGLOBULINS		-0.8	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_DNA_SYNTHESIS_INVOLVED_IN_DNA_REPAIR		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_TEMPLATED_DNA_REPLICATION_INITIATION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_TROPHECTODERMAL_CELL_DIFFERENTIATION		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_INSULIN_LIKE_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_VIRAL_BUDDING		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_LIPID_GLYCOSYLATION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOTIDE_METABOLIC_PROCESS		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_DNA_TEMPLATED_DNA_REPLICATION_MAINTENANCE_OF_FIDELITY		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMIDE_METABOLIC_PROCESS		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEUTROPHIL_MEDIATED_KILLING_OF_SYMBIONT_CELL		-0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_MATURATION		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_MONOSACCHARIDE_CATABOLIC_PROCESS		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_GOLGI_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_DIET_INDUCED_THERMOGENESIS		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_SPINAL_CORD_ASSOCIATION_NEURON_DIFFERENTIATION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_T_CELL_DIFFERENTIATION		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_TO_GOLGI_VESICLE_MEDIATED_TRANSPORT		-0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE		-0.8	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_MEIOTIC_SPINDLE_ORGANIZATION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_LENS_FIBER_CELL_DIFFERENTIATION		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_ACETYLATION		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_SPHINGOLIPID_MEDIATED_SIGNALING_PATHWAY		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_DNA_TEMPLATED_TRANSCRIPTION_TERMINATION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AMYLOID_FIBRIL_FORMATION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_DNA_UNWINDING_INVOLVED_IN_DNA_REPLICATION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_FIBROBLAST_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_CALCINEURIN_MEDIATED_SIGNALING		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_VIRAL_GENOME_REPLICATION		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_HELPER_CELL_DIFFERENTIATION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOTIDE_CATABOLIC_PROCESS		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_PRENYLATION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_ANTIGENIC_STIMULUS		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_ENDOSOME_TO_PLASMA_MEMBRANE_PROTEIN_TRANSPORT		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATIONAL_INITIATION_IN_RESPONSE_TO_STRESS		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_TISSUE_POLARITY		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYSSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOTIC_PROCESS		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_PURINE_NUCLEOBASE_BIOSYNTHETIC_PROCESS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CARDIOBLAST_DIFFERENTIATION		-0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_UNFOLDED_PROTEIN_RESPONSE		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_PEPTIDYL_SERINE_DEPHOSPHORYLATION		-0.8	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TYPE_I_INTERFERON		-0.8	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_SPHINGOID_METABOLIC_PROCESS		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AMINO_ACID_TRANSPORT		-0.8	7.4E-01	8.8E-01	7.2E-01

NecD vs CTRL	GOBP_INTRACELLULAR_PHOSPHATE_ION_HOMEOSTASIS		-0.8	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_CATECHOLAMINE_UPTAKE		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_BY_HOST_OF_VIRAL_TRANSCRIPTION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_ACTIVATED_T_CELL_PROLIFERATION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYTOKINESIS		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_DIFFERENTIATION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_LYSOSOMAL_MEMBRANE_ORGANIZATION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEOLYSIS_INVOLVED_IN_PROTEIN_CATABOLIC_PROCESS		-0.8	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_MIGRATION		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_DIFFERENTIATION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_3_PHOSPHOADENOSINE_5_PHOSPHOSULFATE_METABOLIC_PROCESS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_VACUOLAR_LOCALIZATION		-0.8	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_ACID_SECRETION		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_METANEPHRIC_NEPHRON_DEVELOPMENT		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_ENDOSOMAL_LUMEN_ACIDIFICATION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_METABOLIC_PROCESS		-0.8	8.9E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_MISMATCH_REPAIR		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_HORMONE_MEDIATED_SIGNALING_PATHWAY		-0.8	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_BY_HOST_OF_VIRAL_PROCESS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_RNA_PROCESSING		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HORMONE_BIOSYNTHETIC_PROCESS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_MONOCYTE_EXTRAVASATION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PRESYNAPTIC_MODULATION_OF_CHEMICAL_SYNAPTIC_TRANSMISSION		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_BONE TRABECULA MORPHOGENESIS		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_RNA_COMPLEX_DISASSEMBLY		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_MATRIX_ADHESION		-0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_DNA_LIGATION		-0.8	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_DAMAGE_CHECKPOINT		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_DETECTION_OF_TEMPERATURE_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION_OF_PAIN		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_TUMOR_NECROSIS_FACTOR_MEDIATED_SIGNALING_PATHWAY		-0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE_G1_S_PHASE_TRANSITION		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_NON_MEMBRANE_BOUNDED_ORGANELLE_ASSEMBLY		-0.8	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_ORGANELLE_DISASSEMBLY		-0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION		-0.8	8.5E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CELL_ADHESION_MEDIATED_BY_CADHERIN		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_AEROBIC_RESPIRATION		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_LATE_ENDOSOME_TO_VACUOLE_TRANSPORT_VIA_MULTIVESICULAR_BODY_SORTING_PATHWAY		-0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_IMPORT_INTO_NUCLEUS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_PROLIFERATION		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_APOPTOTIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_CATABOLIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_SPERMATID_NUCLEUS_DIFFERENTIATION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_VESICLE_BUDDING_FROM_MEMBRANE		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_SENSORY_PERCEPTION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REFLEX		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CELL_SURFACE		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_RENAL_PROTEIN_ABSORPTION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_RENAL_SYSTEM_PROCESS_INVOLVED_IN_REGULATION_OF_BLOOD_VOLUME		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NUCLEAR_MEMBRANE_ORGANIZATION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_L_LEUCINE_TRANSPORT		-0.8	7.1E-01	8.7E-01	7.1E-01

NecD vs CTRL	GOBP_ENDOSOME_ORGANIZATION		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASCULAR_PERMEABILITY		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_AUTOPHAGOSOME_MATURATION		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF KERATINOCYTE DIFFERENTIATION		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_LATE_ENDOSOME_TO_LYSOSOME_TRANSPORT		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MEGAKARYOCYTE DIFFERENTIATION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_INTERLEUKIN_10_MEDIATED_SIGNALING_PATHWAY		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_URINE_VOLUME		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_MEIOTIC_CELL_CYCLE_PHASE_TRANSITION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_RNA_LOCALIZATION		-0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_HYDROXYUREA		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_SKIN_MORPHOGENESIS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOOTH_MINERALIZATION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_B_CELL_MEDIATED_IMMUNITY		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_GASTRO_INTESTINAL_SYSTEM_SMOOTH_MUSCLE_CONTRACTION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_REGULATED_EXOCYTOSIS		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_RNA_TEMPLATED_DNA_BIOSYNTHETIC_PROCESS		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DENDRITIC_CELL_CYTOKINE_PRODUCTION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_WATER_SOLUBLE_VITAMIN_BIOSYNTHETIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_SENESCENCE		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NERVOUS_SYSTEM_PROCESS_INVOLVED_IN_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_SUPEROXIDE_METABOLIC_PROCESS		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLIAL_CELL_APOPTOTIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_LUNG_SECRETORY_CELL_DIFFERENTIATION		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_TRICARBOXYLIC_ACID_CYCLE		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_ESTROUS_CYCLE		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CEREBELLAR_CORTEX_MORPHOGENESIS		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ESTABLISHMENT_OF_PLANAR_POLARITY		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CELL_PROLIFERATION_INVOLVED_IN_KIDNEY_DEVELOPMENT		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PEPTIDYL_CYSIEINE_MODIFICATION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TOLL LIKE RECEPTOR SIGNALING_PATHWAY		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ACETYLCHOLINE		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_FOREBRAIN_REGIONALIZATION		-0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ATP_BIOSYNTHETIC_PROCESS		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_CYSIEINE_TYPE_ENDOPEPTIDASE_ACTIVITY		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_DEVELOPMENT_OF_SECONDARY_SEXUAL_CHARACTERISTICS		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_ATRIAL_CARDIAC_MUSCLE_CELL_MEMBRANE_REPOLARIZATION		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_VESICLE_MEMBRANE_ORGANIZATION		-0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMBINATION		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_CELLULAR_HYPOTONIC_RESPONSE		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION		-0.8	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	GOBP_RECEPTOR_GUANYLYL_CYCLASE_SIGNALING_PATHWAY		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_MACROMOLECULE_METHYLATION		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_6_PRODUCTION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_CENTROMERE_COMPLEX_ASSEMBLY		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_CYTOSKELETON_ORGANIZATION		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_SULFATION		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CELLULAR_HYPEROSMOTIC_RESPONSE		-0.8	7.3E-01	8.8E-01	7.2E-01

NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION	-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_PHAGOSOME_LYSOSOME_FUSION	-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BEHAVIOR	-0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_LUTEINIZATION	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_INTERLEUKIN_1_PRODUCTION	-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_PROTEIN_QUALITY_CONTROL_FOR_MISFOLDED_OR_INCOMPLETELY_SYNTHESIZED_PROTEINS	-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIUM_MEDIATED_SIGNALING	-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_CGMP_METABOLIC_PROCESS	-0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_NLS_BEARING_PROTEIN_IMPORT_INTO_NUCLEUS	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_PRESYNAPTIC_CYTOSOLIC_CALCIUM_ION_CONCENTRATION	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_RNA_METHYLATION	-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPIDERMIS_DEVELOPMENT	-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_PROLIFERATION_INVOLVED_IN_KIDNEY_DEVELOPMENT	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PH	-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_G1_S_TRANSITION_OF_MITOTIC_CELL_CYCLE	-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_DEPHOSPHORYLATION	-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_NMDA_RECEPTOR_ACTIVITY	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POLY_A_PLUS_MRNA_EXPORT_FROM_NUCLEUS	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SPINDLE_CHECKPOINT	-0.8	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPIDERMIS_DEVELOPMENT	-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_XENOPHAGY	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_TRANSLATIONAL_ELONGATION	-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_ADP_TRANSPORT	-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_TROPHOBLAST_CELL_MIGRATION	-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_VIRAL_GENE_EXPRESSION	-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_ENAMEL_MINERALIZATION	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_HAIR_CYCLE	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_SECRETION	-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY	-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_ORGANELLE_LOCATION	-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_APOPTOTIC_MITOCHONDRIAL_CHANGES	-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_INTRACILIARY_ANTEROGRADE_TRANSPORT	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_GOLGI_TO_ENDOSOME_TRANSPORT	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_SKIN_DEVELOPMENT	-0.8	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_DIFFERENTIATION	-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_DNA_REPAIR_DEPENDENT_CHROMATIN_REMODELING	-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_Glutamine_Metabolic_Process	-0.8	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_MONOSACCHARIDE_BIOSYNTHETIC_PROCESS	-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_IMMUNE_RESPONSE_INHIBITING_SIGNAL_TRANSDUCTION	-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_RECOMBINATION	-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_MRNA_CIS_SPLICING_VIA_SPLICEOSOME	-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_SIGNAL_PEPTIDE_PROCESSING	-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_Glutamine_Family_Amino_Acid_Catabolic_Process	-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PEPTIDYL_TYROSINE_DEPHOSPHORYLATION	-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_UV	-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_LOOP_OF_HENLE_DEVELOPMENT	-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_LEUKOCYTE_APOPTOTIC_PROCESS	-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_NK_T_CELL_DIFFERENTIATION	-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FIBROBLAST_MIGRATION	-0.8	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_TISSUE_GROWTH	-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_T_HELPER_2_CELL_DIFFERENTIATION	-0.8	7.0E-01	8.6E-01	7.0E-01

NecD vs CTRL	GOBP_MEMBRANE_DOCKING		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_GLUCOCORTICOID_METABOLIC_PROCESS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_MITOTIC_CHROMOSOME_CONDENSATION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_REACTIVE_OXYGEN_SPECIES_METABOLIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_JUN_KINASE_ACTIVITY		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CATION_CHANNEL_ACTIVITY		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_ORGANELLE_FUSION		-0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_FEMALE_GENITALIA_DEVELOPMENT		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NOREPINEPHRINE_TRANSPORT		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_VIRAL_PROCESS		-0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_ASPARTATE_FAMILY_AMINO_ACID_METABOLIC_PROCESS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_VESICLE_DOCKING_INVOLVED_IN_EXOCYTOSIS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ATP		-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_SPINDLE_ORGANIZATION		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_STRESS_ACTIVATED_PROTEIN_KINASE_SIGNALING_CASCADE		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_ALCOHOL_CATABOLIC_PROCESS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ORGANIC_ACID_TRANSPORT		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_PROLIFERATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GLUCOCORTICOID_STIMULUS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSTREPLICATION_REPAIR		-0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_GDP_METABOLIC_PROCESS		-0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_VENTRICULAR_CARDIAC_MUSCLE_CELL_MEMBRANE_REPOLARIZATION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CHROMOSOME_SEGREGATION		-0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_DEPHOSPHORYLATION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NUCLEAR_RNA_SURVEILLANCE		-0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_LATE_ENDOSOME_TO_VACUOLE_TRANSPORT		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NUCLEAR_DIVISION		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_TARGETING_TO_MITOCHONDRION		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_SARCOPLASMIC_RETICULUM_CALCIIUM_ION_TRANSPORT		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ESTROGEN_STIMULUS		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_DETECTION_OF_MECHANICAL_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_ENDOPLASMIC_RETICULUM		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EXOCYTOSIS		-0.8	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_NEUROFILAMENT_CYTOSKELETON_ORGANIZATION		-0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_FUSION		-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_RAC_PROTEIN_SIGNAL_TRANSDUCTION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTON_TRANSMEMBRANE_TRANSPORT		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLUCOSE_TRANSMEMBRANE_TRANSPORT		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_METALLOPEPTIDASE_ACTIVITY		-0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_PROTEIN_TARGETING_TO_VACUOLE		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NUCLEOLUS		-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_HELPER_1_CELL_DIFFERENTIATION		-0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_DEADENYLATION_DEPENDENT_DECAPPING_OF_NUCLEAR_TRANSCRIBED_MRNA		-0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_CELLULAR_PROCESS_INVOLVED_IN_REPRODUCTION_IN_MULTICELLULAR_ORGANISM		-0.8	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_DOPAMINE_METABOLIC_PROCESS		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYOBLAST_PROLIFERATION		-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_MYOBLAST_DIFFERENTIATION		-0.8	6.6E-01	8.3E-01	6.8E-01

NecD vs CTRL	GOBP_ANTRAL_OVARIAN_FOLLICLE_GROWTH		-0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_POST_TRANSLATIONAL_PROTEIN_TARGETING_TO_ENDOPLASMIC_RETICULUM_MEMBRANE		-0.8	6.7E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MEMBRANE		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_MRNA_TRANSPORT		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_CLATHRIN_DEPENDENT_ENDOCYTOSIS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_RNA_SPLICING_VIA_TRANSESTERIFICATION_REACTIONS		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	GOBP_GAS_TRANSPORT		-0.8	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_TOLERANCE_INDUCTION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FORSKOLIN		-0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_LUNG_MORPHOGENESIS		-0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_CELLULAR_COMPONENT_DISASSEMBLY_INVOLVED_IN_EXECUTION_PHASE_OF_APOPTOSIS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERLEUKIN_8_PRODUCTION		-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_CELL_CELL_ADHESION_INVOLVED_IN_GASTRULATION		-0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_OOCYTE_MATURATION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_ARACHIDONIC_ACID_SECRETION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_TETRAHYDROFOLATE_METABOLIC_PROCESS		-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_T_CELL_HOMEOSTASIS		-0.8	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_CARDIAC_RIGHT_VENTRICLE_MORPHOGENESIS		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_MICROTUBULE_ORGANIZING_CENTER_ORGANIZATION		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_TOLL_LIKE_RECEPTOR_9_SIGNALING_PATHWAY		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MODIFICATION_OF_POSTSYNAPTIC_STRUCTURE		-0.8	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_INTRACELLULAR_PH_REDUCTION		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_RUFFLE_ASSEMBLY		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_INTERFERON_MEDIATED_SIGNALING_PATHWAY		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_RNA_SPLICING		-0.8	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DEFENSE_RESPONSE		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_MEMBRANE_REPOLARIZATION_DURING_VENTRICULAR_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		-0.8	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_BIOLOGICAL_PROCESS_INVOLVED_IN_INTERACTION_WITH_SYMBIONT		-0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_TEMPLATED_DNA_REPLICATION		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PHAGOLYSOSOME_ASSEMBLY		-0.8	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOPHAGY		-0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_REPRODUCTIVE_BEHAVIOR		-0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TOR_SIGNALING		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_PROTEIN_TRANSMEMBRANE_TRANSPORT		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ELECTRICAL_STIMULUS		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_SULFUR_AMINO_ACID_TRANSPORT		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA		-0.9	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_WOUND_HEALING_SPREADING_OF_EPIDERMAL_CELLS		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_RNA_STABILIZATION		-0.9	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACTIVATED_T_CELL_PROLIFERATION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_MEIOTIC_CHROMOSOME_SEPARATION		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEASOMAL_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CGMP_MEDIATED_SIGNALING		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_RECOMBINATION		-0.9	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_GLYCERALDEHYDE_3_PHOSPHATE_METABOLIC_PROCESS		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MYOTUBE_CELL_DEVELOPMENT		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_NUCLEOLAR_LARGE_RRNA_TRANSCRIPTION_BY_RNA_POLYMERASE_I		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RNA_CATABOLIC_PROCESS		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NUCLEOTIDE_CATABOLIC_PROCESS		-0.9	6.7E-01	8.4E-01	6.9E-01

NecD vs CTRL	GOBP_REGULATION_OF_ENDOCYTIC_RECYCLING		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_UV		-0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_VIRION_ASSEMBLY		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_HISTAMINE		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ACIDIC_PH		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_MODULATION_OF_CHEMICAL_SYNAPTIC_TRANSMISSION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_GONAD_DEVELOPMENT		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MICROTUBULE_BASED_PROTEIN_TRANSPORT		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_INCLUSION_BODY_ASSEMBLY		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ALANINE_TRANSPORT		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ACTIN_CROSSLINK_FORMATION		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_ACTIVATION		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_MYOFIBROBLAST_DIFFERENTIATION		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_TRANSPORT		-0.9	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	GOBP_FEMALE_GAMETE_GENERATION		-0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_REPRODUCTIVE_PROCESS		-0.9	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	GOBP_MITOTIC_SPINDLE_ORGANIZATION		-0.9	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_MACROPHAGE_CHEMOTAXIS		-0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_CYTOKINESIS		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_RNA_POLYMERASE_II_PREINITIATION_COMPLEX_ASSEMBLY		-0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_HINDLIMB_MORPHOGENESIS		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_CELL_MEDIATED_CYTOTOXICITY		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_15		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_DETECTION_OF_OTHER_ORGANISM		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTEGRIN_MEDIATED_SIGNALING_PATHWAY		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_SPINDLE_ORIENTATION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORT		-0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_FOLIC_ACID_METABOLIC_PROCESS		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_T_CELL_APOPTOTIC_PROCESS		-0.9	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	GOBP_RNA_3_END_PROCESSING		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_NUCLEAR_MEMBRANE_REASSEMBLY		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_CAMP_BIOSYNTHETIC_PROCESS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPIRATION		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSMEMBRANE_TRANSPORT		-0.9	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_U2_TYPE_PRESPliceosome_ASSEMBLY		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_CELL_RECOGNITION		-0.9	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEOLYSIS		-0.9	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_MRNA_PROCESSING		-0.9	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_LAMELLIPODIUM_ASSEMBLY		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_VIRAL_GENOME_REPLICATION		-0.9	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	GOBP_VIRAL_LIFE_CYCLE		-0.9	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOPAMINE_SECRETION		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_TRNA_WOBBLE_BASE_MODIFICATION		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_MICROTUBULE_BASED_TRANSPORT		-0.9	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_MITOTIC_SPINDLE_LOCALIZATION		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_OXIDATIVE_STRESS		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MITOCHONDRION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_DETECTION_OF_MOLECULE_OF_BACTERIAL_ORIGIN		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MEMBRANE_FUSION		-0.9	7.5E-01	8.9E-01	7.3E-01

NecD vs CTRL	GOBP_LEPTIN_MEDIATED_SIGNALING_PATHWAY		-0.9	6.3E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RIBONUCLEOSIDE_DIPHOSPHATE_BIOSYNTHETIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_IMMUNE_SYSTEM_PROCESS		-0.9	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_BIOSYNTHETIC_PROCESS		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_MACROPHAGE_APOPTOTIC_PROCESS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_TISSUE_REGENERATION		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HORMONE_SECRETION		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_MITOTIC_SISTER_CHROMATID_SEGREGATION		-0.9	7.4E-01	8.9E-01	7.2E-01
NecD vs CTRL	GOBP_PEPTIDYL_SERINE_MODIFICATION		-0.9	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_G0_TO_G1_TRANSITION		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SHORT_TERM_NEURONAL_SYNAPTIC_PLASTICITY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_DENDRITIC_TRANSPORT		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_MAMMALIAN_OOGENESIS_STAGE		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TORC1_SIGNALING		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_GOLGI_TO_PLASMA_MEMBRANE_TRANSPORT		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACID_IMPORT_ACROSS_PLASMA_MEMBRANE		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ERBB_SIGNALING_PATHWAY		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_AMINO_ACID_METABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_DEOXYRIBONUCLEOSIDE_METABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_ADHERENS_JUNCTION_ASSEMBLY		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_VACUOLE_FUSION		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PLASMA_LIPOPROTEIN_PARTICLE_CLEARANCE		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	GOBP_EPIDERMIS_MORPHOGENESIS		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_CELL_POLARITY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISMAL_MOVEMENT		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_MICROTUBULE_CYTOSKELETON_ORGANIZATION_INVOLVED_IN_MITOSIS		-0.9	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_DEOXYRIBONUCLEOTIDE_BIOSYNTHETIC_PROCESS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_FISSION		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_PROTEIN_TARGETING_TO_MEMBRANE		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_DNA_BIOSYNTHETIC_PROCESS		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_MITOTIC_METAPHASE_CHROMOSOME_ALIGNMENT		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_EXTRACELLULAR_MATRIX_CONSTITUENT_SECRETION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_NATURAL_KILLER_CELL_MEDIATED_IMMUNE_RESPONSE_TO_TUMOR_CELL		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_AMINO_ACID_BETAINE_TRANSPORT		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ETHANOL		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_OXIDATIVE_PHOSPHORYLATION		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_TELOMERE_MAINTENANCE_VIA_TELOMERE_LENGTHENING		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RUFFLE_ASSEMBLY		-0.9	6.1E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PEPTIDYL_THREONINE_PHOSPHORYLATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_URATE_METABOLIC_PROCESS		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_TRNA_PROCESSING		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STRESS_ACTIVATED_PROTEIN_KINASE_SIGNALING_CASCADE		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLUCOSE_METABOLIC_PROCESS		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOPLASMIC_TRANSLATION		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_PANCREAS_DEVELOPMENT		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_ZINC_ION_IMPORT_INTO_ORGANELLE		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_CELL_PROLIFERATION_INVOLVED_IN_HEART_MORPHOGENESIS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_MITOCHONDRION_LOCALIZATION		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_BIOSYNTHETIC_PROCESS		-0.9	6.7E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUONEOGENESIS		-0.9	6.4E-01	8.3E-01	6.7E-01

NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_AMYLOID_BETA		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_PEPTIDYL_LYSINE_METHYLATION		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_BLASTOCYST_FORMATION		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_C_END_DEGRON_RULE_PATHWAY		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RELEASE_OF_SEQUESTERED_CALCIIUM_ION_INTO_CYTOSOL		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_HYDROGEN_PEROXIDE_CATABOLIC_PROCESS		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATIONAL_INITIATION_BY_EIF2_ALPHA_PHOSPHORYLATION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_SODIUM_ION_EXPORT_ACROSS_PLASMA_MEMBRANE		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE		-0.9	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_TYPE_II_INTERFERON_MEDIATED_SIGNALING_PATHWAY		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_NUCLEAR_CHROMOSOME_SEGREGATION		-0.9	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEMOPOIESIS		-0.9	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	GOBP_METALLO_SULFUR_CLUSTER_ASSEMBLY		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PLATELET_ACTIVATION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MURAMYL_DIPEPTIDE		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_STORE_OPERATED_CALCIIUM_ENTRY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_STRIATED_MUSCLE_CELL_DEVELOPMENT		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_L_ARGININE_TRANSMEMBRANE_TRANSPORT		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_POST_TRANSCRIPTIONAL_GENE_SILENCING		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_OOCYTE_DIFFERENTIATION		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CYCLE_CHECKPOINT		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_PYRIMIDINE_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_ERYTHROCYTE_DEVELOPMENT		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_PROTEIN_DENEDDYLATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_ASSEMBLY		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_CELLULAR_MODIFIED_AMINO_ACID_METABOLIC_PROCESS		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_CHEMOTAXIS		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_BASE_EXCISION_REPAIR_GAP_FILLING		-0.9	6.1E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXOSOMAL_SECRETION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_EXTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_VIA_DEATH_DOMAIN_RECEPTORS		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_INTRACELLULAR_TRANSPORT_OF_VIRUS		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_DEPHOSPHORYLATION		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_FIBROBLAST_APOPTOTIC_PROCESS		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_CHROMOSOME_LOCALIZATION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_INTRACELLULAR_TRIGLYCERIDE_HOMEOSTASIS		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RELAXATION_OF_CARDIAC_MUSCLE		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INORGANIC_SUBSTANCE		-0.9	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	GOBP_HAIR_CELL_DIFFERENTIATION		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_VESICLE_FUSION_TO_PLASMA_MEMBRANE		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_ESTROGEN_BIOSYNTHETIC_PROCESS		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_TISSUE_DEVELOPMENT		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PROTEIN_TARGETING		-0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_DIFFERENTIATION		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PH		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_ACETYLATION		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_BICARBONATE_TRANSPORT		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_DEPENDENT_EXOCYTOSIS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_RNA_EXPORT_FROM_NUCLEUS		-0.9	6.6E-01	8.4E-01	6.8E-01

NecD vs CTRL	GOBP_SUCCINYL_COA_METABOLIC_PROCESS		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_MIRNA_CATABOLIC_PROCESS		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FIBROBLAST_GROWTH_FACTOR		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		-0.9	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MRNA_METABOLIC_PROCESS		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_MAST_CELL_MIGRATION		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_B_CELL_APOPTOTIC_PROCESS		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MAST_CELL_ACTIVATION		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_KINASE_C_SIGNALING		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_MIGRATION		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSPORTER_ACTIVITY		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_DEXAMETHASONE_STIMULUS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_BONE_GROWTH		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_TRNA_DECAY		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_INTRACELLULAR_SODIUM_ION_HOMEOSTASIS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_TRANSLATIONAL_READTHROUGH		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_DETECTION_OF_BIOTIC_STIMULUS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_CEREBELLAR_CORTEX_FORMATION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MONOATOMIC_ION_TRANSMEMBRANE_TRANSPORT		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_SODIUM_INDEPENDENT_ORGANIC_ANION_TRANSPORT		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_FIBROBLAST_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_LOCALIZATION_TO_SYNAPSE		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_ENERGY_HOMEOSTASIS		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_OXIDATIVE_STRESS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_B_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_GENERATION_OF_PRECURSOR_METABOLITES_AND_ENERGY		-0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	GOBP_INORGANIC_ANION_TRANSPORT		-0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CYCLE_G2_M_PHASE_TRANSITION		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_ACTIVATION		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_DIVISION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_DICARBOXYLIC_ACID_CATABOLIC_PROCESS		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_1_PRODUCTION		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	GOBP_ESTROGEN_METABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_INTRACELLULAR_ESTROGEN_RECEPTOR_SIGNALING_PATHWAY		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_POTASSIUM_ION_HOMEOSTASIS		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_DIFFERENTIATION		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_TRANSCRIPTION_PREINITIATION_COMPLEX_ASSEMBLY		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_INITIATION		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_CELL_DIFFERENTIATION		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_STRESS_GRANULE_ASSEMBLY		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PODOSOME_ASSEMBLY		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_SEROTONIN_RECEPTOR_SIGNALING_PATHWAY		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_ADULT_HEART_DEVELOPMENT		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_TRANSCRIPTION_COUPLED_NUCLEOTIDE_EXCISION_REPAIR		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_RUFFLE_ASSEMBLY		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_EXTERNAL_STIMULUS		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_CD8_POSITIVE_ALPHA_BETA_T_CELL_DIFFERENTIATION		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_ORNITHINE_METABOLIC_PROCESS		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_LAMELLIPODIUM_MORPHOGENESIS		-0.9	5.8E-01	7.9E-01	6.4E-01

NecD vs CTRL	GOBP_3_UTR_MEDIATED_MRNA_DESTABILIZATION		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_CEREBELLAR_CORTEX_DEVELOPMENT		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMINO_ACID_TRANSMEMBRANE_TRANSPORT		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_WNT_SIGNALING_PATHWAY_PLANAR_CELL_POLARITY_PATHWAY		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_CARBON_DIOXIDE_TRANSPORT		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_BINDING		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PEPTIDE_SECRETION		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_ORGANELLE_LOCALIZATION		-0.9	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	GOBP_HINDBRAIN_MORPHOGENESIS		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_ADHESION_OF_SYMBIONT_TO_HOST		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_ALTERNATIVE_MRNA_SPLICING_VIA_SPLICEOSOME		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PYRAMIDAL_NEURON_DEVELOPMENT		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_EPIDERMAL_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_AMYLOID_PRECURSOR_PROTEIN_METABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIUM_MEDIATED_SIGNALING		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MANGANESE_ION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_SUMOYLATION		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TELOMERE_MAINTENANCE		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PHENOL_CONTAINING_COMPOUND_METABOLIC_PROCESS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_PHAGOSOME_MATURATION		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_MATRIX_ADHESION		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_INTESTINAL_EPITHELIAL_CELL_DIFFERENTIATION		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_GLUCOSE_IMPORT		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_INTRACELLULAR_RECEPTOR_SIGNALING_PATHWAY		-0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	GOBP_PIGMENT_GRANULE_ORGANIZATION		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NF_KAPPAB_TRANSCRIPTION_FACTOR_ACTIVITY		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_VITAMIN_METABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_OXALATE_TRANSPORT		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_CHROMOSOME_SEPARATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MIRNA_METABOLIC_PROCESS		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_TRANSMEMBRANE_ELECTROCHEMICAL_GRADIENT		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_HEPATOCYTE_DIFFERENTIATION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CALCIUM_ION		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_NEURONAL_ION_CHANNEL_CLUSTERING		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_FIBROBLAST_ACTIVATION		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_SPLICEOSOMAL_SNRNP_ASSEMBLY		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_STAT		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_MITOTIC_G2_M_TRANSITION_CHECKPOINT		-0.9	6.1E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_TRNA_MODIFICATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RESPIRATORY_CHAIN_COMPLEX_III_ASSEMBLY		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPIDERMAL_GROWTH_FACTOR_ACTIVATED_RECEPTOR_ACTIVITY		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_FEMALE_MEIOTIC_NUCLEAR_DIVISION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_SPINDLE_LOCALIZATION		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_ACTION_POTENTIAL_INVOLVED_IN_CONTRACTION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_PROTEIN_COMPLEX_OLIGOMERIZATION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_VESICLE_DOCKING		-0.9	6.1E-01	8.1E-01	6.6E-01

NecD vs CTRL	GOBP_CHLORIDE_TRANSPORT		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_DIFFERENTIATION		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	GOBP_INTRACELLULAR_GLUCOSE_HOMEOSTASIS		-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_LONG_TERM_SYNAPTIC_DEPRESSION		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_INHIBITORY_SYNAPSE_ASSEMBLY		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_SISTER_CHROMATID_SEGREGATION		-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	GOBP_CHONDROCYTE_PROLIFERATION		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VIRAL_PROCESS		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_FACE_DEVELOPMENT		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_Glutamate_Secretion		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_INTRACILIARY_RETROGRADE_TRANSPORT		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MONONUCLEAR_CELL_MIGRATION		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSCRIPTION_OF_NUCLEOLAR_LARGE_RRNA_BY_RNA_POLYMERASE_I		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_RELEASE_OF_SEQUESTERED_CALCIIUM_IION_INTO_CYTOSOL_BY_SARCOPLASMIC_RETICULUM		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_POLYSACCHARIDE_METABOLIC_PROCESS		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_BEHAVIORAL_RESPONSE_TO_COCAINE		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_MATING_BEHAVIOR		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTERLEUKIN_1_BETA_PRODUCTION		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_MEMBRANE_DEPOLARIZATION		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_O_GLYCAN_PROCESSING		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_HETEROCHROMATIN_FORMATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_PIGMENTATION		-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_HEPARAN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_LIGHT_STIMULUS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_MITOTIC_NUCLEAR_MEMBRANE_ORGANIZATION		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RNA_SPLICING		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RECEPTOR_RECYCLING		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MACROPHAGE_COLONY_STIMULATING_FACTOR		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_MIDBRAIN_DOPAMINERGIC_NEURON_DIFFERENTIATION		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY		-0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_MRNA_METHYLGUANOSINE_CAP_DECAPPING		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_TRNA_PROCESSING		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSLATION		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	GOBP_BILE_ACID_BIOSYNTHETIC_PROCESS		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MRNA_SPLICING_VIA_SPLICEOSOME		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_ADIPOSE_TISSUE_DEVELOPMENT		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_HYPERTROPHY		-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_UTERUS_DEVELOPMENT		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_CARDIAC_MYOFIBRIL_ASSEMBLY		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_INTERNALIZATION		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_TRANSPORT		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	GOBP_DIOL_METABOLIC_PROCESS		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_METHIONINE_METABOLIC_PROCESS		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_BROWN_FAT_CELL_DIFFERENTIATION		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_PHENOL_CONTAINING_COMPOUND_BIOSYNTHETIC_PROCESS		-0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BLOOD_VESSEL_ENDOTHELIAL_CELL_MIGRATION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_DIGESTIVE_SYSTEM_PROCESS		-0.9	5.9E-01	7.9E-01	6.5E-01

NecD vs CTRL	GOBP_REGULATION_OF_POLYSACCHARIDE_METABOLIC_PROCESS		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHEMOKINE_C_X_C_MOTIF_LIGAND_2_PRODUCTION		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_HOMEOSTASIS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	GOBP_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXECUTION_PHASE_OF_APOPTOSIS		-0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_LEUKOCYTE_APOPTOTIC_PROCESS		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_LINOLEIC_ACID_METABOLIC_PROCESS		-0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_BUDDING		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_PROLIFERATION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_DOUBLE_STRAND_BREAK_REPAIR_INVOLVED_IN_MEIOTIC_RECOMBINATION		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_INCLUSION_BODY_ASSEMBLY		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_DIPHOSPHATE_BIOSYNTHETIC_PROCESS		-0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RESPIRATORY_SYSTEM_PROCESS		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_MITOTIC_SISTER_CHROMATID_SEPARATION		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ISCHEMIA		-0.9	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_CORTICAL_ACTIN_CYTOSKELETON_ORGANIZATION		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PROTEIN_N_LINKED_GLYCOSYLATION_VIA_ASPARAGINE		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_TRANSPORT		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	GOBP_RESPIRATORY_BURST_INVOLVED_IN_INFLAMMATORY_RESPONSE		-0.9	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MRNA_PROCESSING		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_DIFFERENTIATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_STRAND_ELONGATION		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ATP_DEPENDENT_ACTIVITY		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYTOPLASMIC_TRANSLATION		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_ORGAN_DEVELOPMENT		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_PONS_DEVELOPMENT		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTRANSMITTER_RECEPTOR_LOCALIZATION_TO_POSTSYNAPTIC_SPECIALIZATION_MEMBRANE		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ORGANELLE_TRANSPORT_ALONG_MICROTUBULE		-0.9	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CHAPERONE_MEDIATED_AUTOPHAGY		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ERBB_SIGNALING_PATHWAY		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISMAL_LEVEL_IRON_ION_HOMEOSTASIS		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PIGMENT_ACCUMULATION		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_MITOCHONDRION_LOCALIZATION		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_TRANSMEMBRANE_IMPORT_INTO_CYTOSOL		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSMISSION_OF_NERVE_IMPULSE		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYMPHOCYTE_DIFFERENTIATION		-0.9	5.6E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_DEOXYRIBONUCLEOTIDE_CATABOLIC_PROCESS		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_LAMELLIPODIUM_ASSEMBLY		-0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_NEUROTRANSMITTER_RECEPTOR_INTERNALIZATION		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHROMOSOME_SEGREGATION		-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_BRANCHING_INVOLVED_IN_BLOOD_VESSEL_MORPHOGENESIS		-0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_SPHINGOID_BIOSYNTHETIC_PROCESS		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_OOGENESIS		-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_ASPARTATE_FAMILY_AMINO_ACID_BIOSYNTHETIC_PROCESS		-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_KERATINOCYTE_PROLIFERATION		-0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_DIFFERENTIATION		-0.9	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_CELL_SUBSTRATE_JUNCTION_ORGANIZATION		-0.9	5.6E-01	7.7E-01	6.3E-01

NecD vs CTRL	GOBP_RESPONSE_TO_TUMOR_CELL		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_TRIPHOSPHATE_CATABOLIC_PROCESS		-1.0	5.2E-01	7.5E-01	6.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO ESTRADIOL_STIMULUS		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_GROWTH		-1.0	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_LIPOPROTEIN_LOCALIZATION		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_OSMOTIC_STRESS		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_GAMMA_AMINOBUTYRIC_ACID_SIGNALING_PATHWAY		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_WNT_SIGNALING_PATHWAY_PLANAR_CELL_POLARITY_PATHWAY		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_DOPAMINERGIC_NEURON_DIFFERENTIATION		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_MITOTIC_SPINDLE_ELONGATION		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_PROLIFERATION		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_MEMBRANE_REPOLARIZATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_CONTRACTION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_IRE1_MEDIATED_UNFOLDED_PROTEIN_RESPONSE		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RIBOSOMAL_SMALL_SUBUNIT_ASSEMBLY		-1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_CELL_MEMBRANE_REPOLARIZATION		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_GLYCOPROTEIN_CATABOLIC_PROCESS		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_INTERLEUKIN_4_MEDIATED_SIGNALING_PATHWAY		-1.0	5.2E-01	7.5E-01	6.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FOOD		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_DEOXYRIBONUCLEOTIDE_METABOLIC_PROCESS		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CATECHOLAMINE_SECRETION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_PYRIMIDINE_CONTAINING_COMPOUND_TRANSMEMBRANE_TRANSPORT		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_HOMEOSTASIS		-1.0	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_RADIATION		-1.0	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION		-1.0	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_CYTOPLASMIC_SEQUESTERING_OF_PROTEIN		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_PERMEABILITY		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TOLL LIKE RECEPTOR_4_SIGNALING_PATHWAY		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCIIUM_ION_TRANSPORT		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_AMINE_TRANSPORT		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_PLASMA_MEMBRANE		-1.0	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_TRANSFORMING_GROWTH_FACTOR_BETA1_PRODUCTION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_GTP_METABOLIC_PROCESS		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHEMOTAXIS		-1.0	5.8E-01	7.9E-01	6.5E-01
NecD vs CTRL	GOBP_PROTEIN_DEPHOSPHORYLATION		-1.0	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	GOBP_NON_PROTEINOGENIC_AMINO_ACID_CATABOLIC_PROCESS		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_CELL_PROLIFERATION		-1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_VAGINA_DEVELOPMENT		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_EXCITATORY_CHEMICAL_SYNAPTIC_TRANSMISSION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NON_CANONICAL_WNT_SIGNALING_PATHWAY		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_INTESTINAL_EPITHELIAL_CELL_DEVELOPMENT		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_CHEMOTAXIS		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MULTICELLULAR_ORGANISM_GROWTH		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_FOREBRAIN_NEURON_DIFFERENTIATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHROMOSOME_SEGREGATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_TRNA_METHYLATION		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_HEART_PROCESS		-1.0	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	GOBP_STRESS_ACTIVATED_PROTEIN_KINASE_SIGNALING_CASCADE		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_OSTEOCLAST_DIFFERENTIATION		-1.0	5.4E-01	7.7E-01	6.3E-01

NecD vs CTRL	GOBP_RESPONSE_TO_CAMP		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_L_LEUCINE		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_ORGANELLE_MEMBRANE_FUSION		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_TYROSINE_KINASE_ACTIVITY		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_T_HELPER_17_CELL_DIFFERENTIATION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_TRANSPORT		-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_MYELOID_CELL_APOPTOTIC_PROCESS		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_DEPOLYMERIZATION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_RETINA_VASCULATURE_MORPHOGENESIS_IN_CAMERA_TYPE_EYE		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_PROTEIN_HOMOOLOGOMERIZATION		-1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_SUPEROXIDE_ANION_GENERATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_ONE_CARBON_COMPOUND_TRANSPORT		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_FC_EPSILON_RECEPTOR_SIGNALING_PATHWAY		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_ECTODERM_DEVELOPMENT		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_HISTONE_MRNA_METABOLIC_PROCESS		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_FRUCTOSE_TRANSMEMBRANE_TRANSPORT		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RECEPTOR_SIGNALING_PATHWAY_VIA_JAK_STAT		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_OLIGOSACCHARIDE_CATABOLIC_PROCESS		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BLOOD_VESSEL_ENDOTHELIAL_CELL_MIGRATION		-1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_BROWN_FAT_CELL_DIFFERENTIATION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PSEUDOPODIUM_ORGANIZATION		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_RESPIRATORY_GASEOUS_EXCHANGE_BY_RESPIRATORY_SYSTEM		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_ADRENERGIC_RECEPTOR_SIGNALING_PATHWAY		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_GLIAL_CELL_APOPTOTIC_PROCESS		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMYLOID_FIBRIL_FORMATION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MUSCLE_CONTRACTION		-1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PSEUDOPODIUM_ASSEMBLY		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_DETECTION_OF_CHEMICAL_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION_OF_TASTE		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PEPTIDE_SECRETION		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLYCOGEN_METABOLIC_PROCESS		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MONOATOMIC_ANION_TRANSPORT		-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_AN_EPITHELIAL_FOLD		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_AUTOPHAGOSOME_MATURATION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SUBSTRATE_ADHESION_DEPENDENT_CELL_SPREADING		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_GENE_EXPRESSION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_SIGNAL_TRANSDUCTION		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_MICROAUTOPHAGY		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_DNA_REPLICATION		-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_DETECTION_OF_MECHANICAL_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION_OF_PAIN		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDASE_ACTIVITY		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CATECHOLAMINE_METABOLIC_PROCESS		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_DETECTION_OF_MECHANICAL_STIMULUS		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ERBB_SIGNALING_PATHWAY		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_MUSCLE_SYSTEM_PROCESS		-1.0	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_MEMBRANE_DEPOLARIZATION_DURING_ACTION_POTENTIAL		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RAC_PROTEIN_SIGNAL_TRANSDUCTION		-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_DEVELOPMENT		-1.0	5.3E-01	7.6E-01	6.2E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DEFENSE_RESPONSE_TO_BACTERIUM	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_PROTEIN_STABILIZATION	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NADH_METABOLIC_PROCESS	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_LONG_TERM_SYNAPTIC_DEPRESSION	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TELOMERE_CAPPING	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_ADULT_BEHAVIOR	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RECEPTOR_INTERNALIZATION	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SPINDLE_ORGANIZATION	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POLARIZED_EPITHELIAL_CELL_DIFFERENTIATION	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_VESICLE_ORGANIZATION	-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	GOBP_RENAL_SYSTEM_VASCULATURE_DEVELOPMENT	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_MICROTUBULE_ANCHORING	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_MRNA_EXPORT_FROM_NUCLEUS	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INSULIN_SECRETION	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_DETECTION_OF ABIOTIC_STIMULUS	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_SUMOYLATION	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_SPROUTING_ANGIOGENESIS	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHROMOSOME_ORGANIZATION	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_T_CELL_LINEAGE_COMMITMENT	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_MIGRATION	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MYOBlast_PROLIFERATION	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_B_CELL_APOPTOTIC_PROCESS	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_RETINOIC_ACID_RECEPTOR_SIGNALING_PATHWAY	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_GLYCOLYTIC_PROCESS_THROUGH_FRUCTOSE_6_PHOSPHATE	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_METAL_ION	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STEM_CELL_PROLIFERATION	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE_PHASE_TRANSITION	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MODIFICATION_OF_SYNAPTIC_STRUCTURE	-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_BINDING	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_VESICLE_SIZE	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_METANEPHRIC_TUBULE_MORPHOGENESIS	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MONOATOMIC_ION_TRANSPORT	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_DNA_TEMPLATED_DNA_REPLICATION	-1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_PROTEIN_KINASE_C_SIGNALING	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXOCYTOSIS	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_ACTIVATION_INVOLVED_IN_IMMUNE_RESPONSE	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLERANCE_INDUCTION	-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_RELEASE_OF_SEQUESTERED_CALCIIUM_ION_INTO_CYTOSOL_BY_ENDOPLASMIC_RETICULUM	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_CALCIIUM_MEDIATED_SIGNALING	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOPAMINERGIC_NEURON_DIFFERENTIATION	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOKINE_PRODUCTION_INVOLVED_IN_INFLAMMATORY_RESPONSE	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_PROTEIN_PROCESSING	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FIBROBLAST_MIGRATION	-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_GLUTAMINE_FAMILY_AMINO_ACID_METABOLIC_PROCESS	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_TRANSPORT	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUCOSE_IMPORT	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_RECYCLING	-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_MODIFICATION_OF_POSTSYNAPTIC_STRUCTURE	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	GOBP_T_HELPER_1_CELL_DIFFERENTIATION	-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_BINDING	-1.0	4.7E-01	7.2E-01	5.9E-01

NecD vs CTRL	GOBP_CHEMOKINE_C_X_C_MOTIF_LIGAND_2_PRODUCTION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_RIBOSE_PHOSPHATE_BIOSYNTHETIC_PROCESS		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_NEPHRIC_DUCT_DEVELOPMENT		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_SNARE_COMPLEX_ASSEMBLY		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_PURINERGIC_NUCLEOTIDE_RECEPTOR_SIGNALING_PATHWAY		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_CONNECTIVE_TISSUE_DEVELOPMENT		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_OXYGEN_TRANSPORT		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ANATOMICAL_STRUCTURE_SIZE		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_IONIZING_RADIATION		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NATURAL_KILLER_CELL_DIFFERENTIATION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLIAL_CELL_APOPTOTIC_PROCESS		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_EXTRACELLULAR_MATRIX_ASSEMBLY		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_METANEPHRIC_GLOMERULUS_DEVELOPMENT		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_MONOPHOSPHATE_PHOSPHORYLATION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_NUCLEUS		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLIAL_CELL_MIGRATION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_SPINDLE_MIDZONE_ASSEMBLY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_SODIUM_PHOSPHATE		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_CGAS_STING_SIGNALING_PATHWAY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_SUBSTRATE_ADHESION		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_GLUCAN_BIOSYNTHETIC_PROCESS		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF KERATINOCYTE DIFFERENTIATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CILIARY_MEMBRANE		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_CHEMICAL_SYNAPTIC_TRANSMISSION_POSTSYNAPTIC		-1.0	4.7E-01	7.2E-01	5.8E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CONTRACTION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_MITOCHONDRION		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MANGANESE_ION_TRANSPORT		-1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_SOMATIC_STEM_CELL_POPULATION_MAINTENANCE		-1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_HEMATOPOIETIC_STEM_CELL_PROLIFERATION		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_MICROTUBULE_ORGANIZING_CENTER_LOCALIZATION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_COMPLEMENT_ACTIVATION_LECTIN_PATHWAY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_ORGANIC_ANION_TRANSPORT		-1.0	4.9E-01	7.4E-01	6.0E-01
NecD vs CTRL	GOBP_AMINE_CATABOLIC_PROCESS		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_GLYCOLYTIC_PROCESS_THROUGH_GLUCOSE_6_PHOSPHATE		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_KETONE		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEUROINFLAMMATORY_RESPONSE		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_NEUROTRANSMITTER_RECEPTOR_INTERNALIZATION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_RADIATION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_FAT_CELL_PROLIFERATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACROSOME_REACTION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STRESS_FIBER_ASSEMBLY		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SEQUESTERING_OF_CALCIIUM_ION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_CARTILAGE_DEVELOPMENT_INVOLVED_IN_ENDOCHONDRAL_BONE_MORPHOGENESIS		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BLOOD_PRESSURE		-1.0	4.8E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_AN_EPITHELIAL_SHEET		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_EPITHELIAL_STRUCTURE_MAINTENANCE		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_METHYLATION_DEPENDENT_HETEROCHROMATIN_FORMATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_PROTEOGLYCAN_CATABOLIC_PROCESS		-1.0	4.7E-01	7.2E-01	5.8E-01

NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_LEPTIN_STIMULUS		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PIGMENT_METABOLIC_PROCESS		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIUM_ION_TRANSPORT_INTO_CYTOSOL		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_ADAPTATION_OF_SIGNALING_PATHWAY		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	GOBP_CELL_FATE_COMMITMENT_INVOLVED_IN_FORMATION_OF_PRIMARY_GERM_LAYER		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMINE_METABOLIC_PROCESS		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATED_EXOCYTOSIS		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CATABOLIC_PROCESS		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_MICROTUBULE_POLYMERIZATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RELEASE_OF_CYTOCHROME_C_FROM_MITOCHONDRIA		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NUCLEOPHAGY		-1.0	4.7E-01	7.2E-01	5.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SECONDARY_HEART_FIELD_CARDIOBLAST_PROLIFERATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_TELOMERASE_ACTIVITY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEURONAL_STEM_CELL_POPULATION_MAINTENANCE		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PROTEIN_HETEROTETRAMERIZATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_LUNG_CELL_DIFFERENTIATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEUROENDOCRINE_CELL_DIFFERENTIATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_RNA_5_END_PROCESSING		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_X_RAY		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SODIUM_ION_TRANSPORT		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_SCF_DEPENDENT_PROTEASOMAL_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-1.0	4.7E-01	7.2E-01	5.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_ADAPTATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLIAL_CELL_DIFFERENTIATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_MRNA_TRANSCRIPTION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_MYELOID_CELL_DIFFERENTIATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_XENOBIOTIC_STIMULUS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_B_CELL_ACTIVATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_EXOCYTOSIS		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMALL_MOLECULE_METABOLIC_PROCESS		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_CO_TRANSCRIPTIONAL_RNA_3_END_PROCESSING_CLEAVAGE_AND_POLYADENYLATION_PATHWAY		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_ELONGATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_LATERAL_VENTRICLE_DEVELOPMENT		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_ORGANELLE_TRANSPORT_ALONG_MICROTUBULE		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PROTEIN_RNA_COMPLEX_ORGANIZATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_REUPTAKE		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_APOPTOTIC_PROCESS		-1.0	4.6E-01	7.2E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VASCULATURE_DEVELOPMENT		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_L_LEUCINE		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_ORGANIC_CATION_TRANSPORT		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NUCLEAR_ENVELOPE_ORGANIZATION		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	GOBP_SERINE_TRANSPORT		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_STRIATED_MUSCLE_CONTRACTION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATIONAL_INITIATION		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STEROID_METABOLIC_PROCESS		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_EPIDERMAL_GROWTH_FACTOR		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYOBLAST_PROLIFERATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_VIRAL_PROTEIN_PROCESSING		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PYRIMIDINE_DEOXYRIBONUCLEOTIDE_METABOLIC_PROCESS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_VESICLE_RECYCLING		-1.0	4.6E-01	7.1E-01	5.8E-01

NecD vs CTRL	GOBP_PROTEIN_PALMITOYLATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PROLINE_TRANSMEMBRANE_TRANSPORT		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_AXON_GUIDANCE		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CARDIOBLAST_PROLIFERATION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MUSCLE_CELL_DIFFERENTIATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_APOPTOTIC_PROCESS		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CARDIAC_PACEMAKER_CELL_DIFFERENTIATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACROSOME_REACTION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AMINO_ACID_STARVATION		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PROTEIN_SUMOYLATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_LEUKOCYTE_HOMEOSTASIS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_DETECTION_OF_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION_OF_PAIN		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_PEPTIDYL_LYSINE_MODIFICATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PROGESTERONE		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MRNA_PROCESSING		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PLANAR_CELL_POLARITY_PATHWAY_INVOLVED_IN_NEURAL_TUBE_CLOSURE		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_MICROVILLUS_ORGANIZATION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CILIUM_ORGANIZATION		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OLIGODENDROCYTE_DIFFERENTIATION		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_CALCIIUM_IION_TRANSMEMBRANE_TRANSPORT_VIA_HIGH_VOLTAGE_GATED_CALCIIUM_CHANNEL		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_ENDOGENOUS_PEPTIDE_ANTIGEN		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_TOLL LIKE RECEPTOR 4 SIGNALING PATHWAY		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PROTEIN_AUTOPHOSPHORYLATION		-1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_SIZE		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEMBRANE_DEPOLARIZATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PROTEIN_KINASE_A_SIGNALING		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_METAPHASE_CHROMOSOME_ALIGNMENT		-1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	GOBP_CARTILAGE_DEVELOPMENT		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_RNA_CAPPING		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_TETRAPYRROLE_BIOSYNTHETIC_PROCESS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PEROXISOME_ORGANIZATION		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	GOBP_ACTION_POTENTIAL		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CELL_DIFFERENTIATION_INVOLVED_IN_KIDNEY_DEVELOPMENT		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_SERTOLI_CELL_DIFFERENTIATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CHEMOSENSORY_BEHAVIOR		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BIOMINERAL_TISSUE_DEVELOPMENT		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_COCHLEA_MORPHOGENESIS		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_FILAMENT_BASED_PROCESS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYELINATION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_BRANCHING_INVOLVED_IN_LABYRINTHINE_LAYER_MORPHOGENESIS		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_VASCULAR_PERMEABILITY		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_ERBB_SIGNALING_PATHWAY		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_CYCLIC_NUCLEOTIDE_METABOLIC_PROCESS		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_STORAGE		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PROTEIN_TRANSPORT_TO_VACUOLE_INVOLVED_IN_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS_VIA_THE_MULTIVESICULAR_BODY_SORTING_PATHWAY		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEPHRON_DEVELOPMENT		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_VENOUS_BLOOD_VESSEL_DEVELOPMENT		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEAR_CELL_CYCLE_DNA_REPLICATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_KETONE		-1.0	4.3E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTOMYOSIN_STRUCTURE_ORGANIZATION		-1.0	4.3E-01	6.9E-01	5.6E-01

NecD vs CTRL	GOBP_STRIATED_MUSCLE_CELL_DIFFERENTIATION		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_KERATINOCYTE_PROLIFERATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_NUTRIENT_LEVELS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_SEMAPHORIN_PLEXIN_SIGNALING_PATHWAY		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_HETEROCHROMATIN_ORGANIZATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_CENTRIOLE_CENTRIOLE_COHESION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE		-1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LEPTIN		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_VESICLE_MEDIATED_TRANSPORT_TO_THE_PLASMA_MEMBRANE		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_BINDING		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_DEPOLYMERIZATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_NUCLEUS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_FILAMENT_BUNDLE_ASSEMBLY		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_MRNA_3_END_PROCESSING		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_SYNCYTUM_FORMATION		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_UTERINE_SMOOTH_MUSCLE_CONTRACTION		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_PIECEMEAL_MICROAUTOPHAGY_OF_THE_NUCLEUS		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_RETROGRADE_VESICLE_MEDIATED_TRANSPORT_GOLGI_TO_ENDOPLASMIC_RETICULUM		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTEGRIN_MEDIATED_SIGNALING_PATHWAY		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_AXIS_ELONGATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_FOLIC_ACID_TRANSPORT		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_COPII_COATED_VESICLE_CARGO_LOADING		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_GLOMERULUS_DEVELOPMENT		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_PHOSPHOLIPASE_C_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_CONTRACTION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_TRIGLYCERIDE_CATABOLIC_PROCESS		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_PROTEIN_K6_LINKED_UBIQUITINATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_A_POLARIZED_EPITHELIUM		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOTIC_CYTOKINESIS		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_MITOCHONDRION_LOCALIZATION_MICROTUBULE_MEDIATED		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_IRON_ION		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_GASTROINTESTINAL_EPITHELIUM		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_TARGETING		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_ORGANIC_ACID_BIOSYNTHETIC_PROCESS		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_FATTY_ACID_BETA_OXIDATION_USING_ACYL_COA_OXIDASE		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_ERYTHROCYTE_MATURATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_FOREBRAIN_GENERATION_OF_NEURONS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_ASPARTATE_FAMILY_AMINO_ACID_CATABOLIC_PROCESS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_MUSCLE_ORGAN_MORPHOGENESIS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_NEURONAL_ACTION_POTENTIAL_PROPAGATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOTIC_CELL_CYCLE		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_CELL_PROLIFERATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_INTRACELLULAR_MRNA_LOCALIZATION		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	GOBP_STEM_CELL_PROLIFERATION		-1.0	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SISTER_CHROMATID_SEGREGATION		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_NEURON_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_MIDBRAIN_DEVELOPMENT		-1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_OSMOTIC_STRESS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_MICROTUBULE_ORGANIZING_CENTER		-1.0	4.2E-01	6.8E-01	5.6E-01

NecD vs CTRL	GOBP_MYELOID_LEUKOCYTE_DIFFERENTIATION		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_DNA_RECOMBINATION		-1.0	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSLATIONAL_INITIATION		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NEUTRAL_LIPID_CATABOLIC_PROCESS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_FORELIMB_MORPHOGENESIS		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSMEMBRANE_TRANSPORT		-1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_FORMATION_OF_PRIMARY_GERM_LAYER		-1.0	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO ESTRADIOL		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_SIGNAL_TRANSDUCTION_IN_ABSENCE_OF_LIGAND		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_UNFOLDED_PROTEIN_RESPONSE		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_CARDIAC_EPITHELIAL_TO_MESENCHYMAL_TRANSITION		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_NUCLEUS_ORGANIZATION		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SEROTONIN_METABOLIC_PROCESS		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_MITOTIC_DNA_REPLICATION		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_DIFFERENTIATION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_ACETYLCHOLINE_GATED_CHANNEL_CLUSTERING		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BINDING		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_VASODILATION		-1.0	4.3E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GENE_EXPRESSION_EPIGENETIC		-1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SECONDARY_METABOLIC_PROCESS		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_CONVERGENT_EXTENSION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DENDRITIC_SPINE_DEVELOPMENT		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_B_CELL_ACTIVATION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_PROTEIN_DNA_COMPLEX_DISASSEMBLY		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLUCOSE_IMPORT		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_SNO_S_RNA_METABOLIC_PROCESS		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_DEPHOSPHORYLATION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_WOUND_HEALING		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_OLIGOSACCHARIDE_BIOSYNTHETIC_PROCESS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SECRETORY_GRANULE_LOCALIZATION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SPINDLE_CHECKPOINT		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSLATION		-1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_VIRAL_TRANSCRIPTION		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_MORPHOGENESIS		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCIIUM_ION_IMPORT		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_AXIS_SPECIFICATION		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_EPITHELIAL_CELL_PROLIFERATION		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_DEVELOPMENT		-1.0	3.8E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_UPTAKE		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_PRE_MIRNA_PROCESSING		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYOTUBE_DIFFERENTIATION		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_NEUTRAL_LIPID_METABOLIC_PROCESS		-1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_BEHAVIOR		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_METHIONINE_BIOSYNTHETIC_PROCESS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_BINDING		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_PROLINE_TRANSPORT		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_GLUCOCORTICOID_SECRETION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_LAMELLIPODIUM_ORGANIZATION		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_TRANSITION_METAL_ION_TRANSPORT		-1.0	3.9E-01	6.6E-01	5.4E-01

NecD vs CTRL	GOBP_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS		-1.0	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_CELL_MIGRATION_INVOLVED_IN_GASTRULATION		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_SUPEROXIDE_METABOLIC_PROCESS		-1.0	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_FAT_SOLUBLE_VITAMIN_BIOSYNTHETIC_PROCESS		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_VASCULOGENESIS		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_RETINOIC_ACID_RECEPTOR_SIGNALING_PATHWAY		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_TEMPLATED_DNA_REPLICATION		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_MYELIN_MAINTENANCE		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LIGHT_STIMULUS		-1.0	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CYCLE_G2_M_PHASE_TRANSITION		-1.0	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_TELOMERE_CAPPING		-1.0	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_UBIQUITINATION		-1.0	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_DEFENSE_RESPONSE_TO_TUMOR_CELL		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS		-1.1	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_ENDOCRINE_PANCREAS_DEVELOPMENT		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTRACELLULAR_TRANSPORT		-1.1	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRION_ORGANIZATION		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_MATURE_B_CELL_DIFFERENTIATION		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_SYNAPTIC_TRANSMISSION_GABAERGIC		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MONOATOMIC_ION_TRANSMEMBRANE_TRANSPORT		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_LYMPHOCYTE_HOMEOSTASIS		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTEGRIN_ACTIVATION		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_PERMEABILITY		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_AUTOPHAGOSOME_ORGANIZATION		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_DETECTION_OF_BACTERIUM		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_INTERLEUKIN_17_MEDIATED_SIGNALING_PATHWAY		-1.1	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CREB_TRANSCRIPTION_FACTOR_ACTIVITY		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_BLASTOCYST_DEVELOPMENT		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_DETECTION_OF_LIGHT_STIMULUS		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_STIMULUS		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_DETECTION_OF_EXTERNAL_BIOTIC_STIMULUS		-1.1	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_LOCALIZATION_TO_NUCLEUS		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INFLAMMATORY_RESPONSE		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_SATELLITE_CELL_PROLIFERATION		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_BASED_MOVEMENT		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_THYMOCYTE_APOPTOTIC_PROCESS		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SERTOLI_CELL_DEVELOPMENT		-1.1	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FOCAL_ADHESION_ASSEMBLY		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOTHELIAL_CELL_MIGRATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_TOLL_SIGNALING_PATHWAY		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_TISSUE_MORPHOGENESIS		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXIT_FROM_MITOSIS		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_PROTEIN_LOCALIZATION_IN_ENDOPLASMIC_RETICULUM		-1.1	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_ADENYLATE_CYCLASE_ACTIVATING_ADRENERGIC_RECEPTOR_SIGNALING_PATHWAY		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_LATERAL_SPROUTING_FROM_AN_EPITHELIUM		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_FRUCTOSE		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_PROXIMAL_TUBULE_DEVELOPMENT		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PYRAMIDAL_NEURON_DIFFERENTIATION		-1.1	4.1E-01	6.8E-01	5.5E-01

NecD vs CTRL	GOBP_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_MIGRATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEURONAL_SYNAPTIC_PLASTICITY		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_TRANSFERRIN_TRANSPORT		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MAPK_CASCADE		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_ERROR_PRONE_TRANSLESION_SYNTHESIS		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_PROSTATE_GLANDULAR_ACINUS_DEVELOPMENT		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SODIUM_ION_TRANSMEMBRANE_TRANSPORT		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_MITOCHONDRION_DISTRIBUTION		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_URATE_TRANSPORT		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_PEPTIDYL_L_CYSINE_S_PALMITOYLATION		-1.1	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_MACROPHAGE_MIGRATION		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OSTEObLAST_PROLIFERATION		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_HYPOXIA		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMAD_PROTEIN_SIGNAL_TRANSDUCTION		-1.1	3.8E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AXON_EXTENSION_INVOLVED_IN_AXON_GUIDANCE		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_DSRNA		-1.1	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_MACROPHAGE_PROLIFERATION		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_NEURON_CELL_CELL_ADHESION		-1.1	3.8E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_STRESS_FIBER_ASSEMBLY		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TOLL LIKE RECEPTOR_4_SIGNALING_PATHWAY		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_RECEPTOR_MEDIATED_ENDOCYTOSIS		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_ALTERNATIVE_MRNA_SPLICING_VIA_SPLICEOSOME		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BEHAVIOR		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT		-1.1	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_SYNAPSE		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSPORTER_ACTIVITY		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_ACYLGlycerol_Homeostasis		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_UBIQUITINATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_CYTOSKELETON_DEPENDENT_INTRACELLULAR_TRANSPORT		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ATP_BIOSYNTHETIC_PROCESS		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_EXTRAEMBRYONIC_MEMBRANE_DEVELOPMENT		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_T_CELL_TOLERANCE_INDUCTION		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_SUBPALLIUM_DEVELOPMENT		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_PIGMENT_BIOSYNTHETIC_PROCESS		-1.1	3.7E-01	6.4E-01	5.3E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_DERIVATIVE_CATABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEROID_METABOLIC_PROCESS		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_MOTOR_BEHAVIOR		-1.1	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DEPHOSPHORYLATION		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_SIGNALING_PATHWAY		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_VIRAL_RELEASE_FROM_HOST_CELL		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CIRCADIAN_RHYTHM		-1.1	3.8E-01	6.6E-01	5.4E-01
NecD vs CTRL	GOBP_MALE_SEX_DETERMINATION		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_PENTOSE_METABOLIC_PROCESS		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NUCLEOTIDE_METABOLIC_PROCESS		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NUCLEOLUS_ORGANIZATION		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CONDENSED_CHROMOSOME		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACTIN_FILAMENT_POLYMERIZATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_CELL_CELL_SIGNALING_INVOLVED_IN_CARDIAC_CONDUCTION		-1.1	3.7E-01	6.5E-01	5.3E-01

NecD vs CTRL	GOBP_CALCIIUM_ION_TRANSPORT		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_MODULATION_BY_HOST_OF_SYMBIONT_PROCESS		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_AUTOPHAGOSOME_LYSOSOME_FUSION		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_KIDNEY_MORPHOGENESIS		-1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_APICAL_BASAL_CELL_POLARITY		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_DEVELOPMENT		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_L_SERINE_METABOLIC_PROCESS		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_MODIFICATION_OF_SYNAPTIC_STRUCTURE		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_SISTER_CHROMATID_COHESION		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEPHRON_EPITHELIUM_DEVELOPMENT		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_VESICLE_ENDOCYTOSIS		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYSOSOME_ORGANIZATION		-1.1	3.7E-01	6.4E-01	5.3E-01
NecD vs CTRL	GOBP_SPLICEOSOMAL_TR1_SNRNP_COMPLEX_ASSEMBLY		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE_G2_M_PHASE_TRANSITION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VIRAL_TRANSCRIPTION		-1.1	3.9E-01	6.7E-01	5.4E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_RNA_METABOLIC_PROCESS		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_URINE_VOLUME		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NATURAL_KILLER_CELL_MEDIATED_IMMUNE_RESPONSE_TO_TUMOR_CELL		-1.1	3.7E-01	6.4E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_SISTER_CHROMATID_SEGREGATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_FEAR_RESPONSE		-1.1	3.7E-01	6.4E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_POST_TRANSLATIONAL_PROTEIN_MODIFICATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_SUMOYLATION		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTENT_OF_CELL_GROWTH		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NERVOUS_SYSTEM_PROCESS		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_DNA_REPLICATION_INITIATION		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_PIGMENT_CELL_DIFFERENTIATION		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_ORGANELLE		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_GPI_ANCHOR_METABOLIC_PROCESS		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_METANEPHROS_DEVELOPMENT		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BLOOD_PRESSURE		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_RETINAL_ROD_CELL_DEVELOPMENT		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_MEMBRANE_FISSION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_FIBROBLAST_PROLIFERATION		-1.1	3.8E-01	6.6E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CGAS_STING_SIGNALING_PATHWAY		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PEPTIDE_HORMONE_STIMULUS		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ORGANELLE_ASSEMBLY		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_PYRIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_DIFFERENTIATION		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_VITAMIN_BIOSYNTHETIC_PROCESS		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_TELOMERE_MAINTENANCE_IN_RESPONSE_TO_DNA_DAMAGE		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISMAL_RESPONSE_TO_STRESS		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_BINDING		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORT		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_CONSTITUTIVE_HETEROCHROMATIN_FORMATION		-1.1	3.6E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_AV_NODE_CELL_TO_BUNDLE_OF_HIS_CELL_SIGNALING		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OLIGODENDROCYTE_DIFFERENTIATION		-1.1	3.7E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INSULIN		-1.1	2.9E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DENDRITE_DEVELOPMENT		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_BIOMINERAL_TISSUE_DEVELOPMENT		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_ACETYLTATION		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_XENOBIOTIC_EXPORT_FROM_CELL		-1.1	3.6E-01	6.3E-01	5.2E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MITOCHONDRIAL_TRANSLATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_CELL_CYCLE		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_ORGANIC_ACID_TRANSPORT		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_TRIPHOSPHATE_METABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SULFUR_COMPOUND_TRANSPORT		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_POTASSIUM_ION_IMPORT_ACROSS_PLASMA_MEMBRANE		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_STRIATED_MUSCLE_ADAPTATION		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_CELL_VOLUME_HOMEOSTASIS		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ELECTRICAL_STIMULUS		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	GOBP_NUCLEOBASE_CONTAINING_COMPOUND_TRANSPORT		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_INORGANIC_ANION_TRANSMEMBRANE_TRANSPORT		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_FATTY_ACID_HOMEOSTASIS		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_ENDOSOMAL_VESICLE_FUSION		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BROWN_FAT_CELL_DIFFERENTIATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_VITAMIN		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_PEPTIDYL_PROLINE_HYDROXYLATION		-1.1	3.6E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_GOLGI_LUMEN_ACIDIFICATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_POST_TRANSLATIONAL_PROTEIN_MODIFICATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_POTASSIUM_ION_TRANSPORT		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CENTROSOME_CYCLE		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CILIUM_ASSEMBLY		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_REGULATED_SECRETORY_PATHWAY		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MALE_GENITALIA_DEVELOPMENT		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_AMYLOID_FIBRIL_FORMATION		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_FEAR_RESPONSE		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_GAMMA_DELTA_T_CELL_ACTIVATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AMIDE_METABOLIC_PROCESS		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPIRATORY_GASEOUS_EXCHANGE_BY_NERVOUS_SYSTEM_PROCESS		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_VACUOLAR_ACIDIFICATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_LOW_DENSITY_LIPOPROTEIN_PARTICLE_CLEARANCE		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_PROSTATE_GLAND_GROWTH		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_CATABOLIC_PROCESS		-1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_FATE_COMMITMENT		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_L_AMINO_ACID_METABOLIC_PROCESS		-1.1	2.9E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_ASSEMBLY		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_LENS_DEVELOPMENT_IN_CAMERA_TYPE_EYE		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PHAGOCYTOSIS_RECOGNITION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_BONE_MINERALIZATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_RECOMBINATIONAL_REPAIR		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ORGANELLE_ORGANIZATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NOTCH_SIGNALING_PATHWAY		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_VASCULAR_ENDOTHELIAL_CELL_PROLIFERATION		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_ACTIN_MEDIATED_CELL_CONTRACTION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MYOTUBE_DIFFERENTIATION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_AMINO_ACID_METABOLIC_PROCESS		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_PLASTICITY		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EMBRYONIC_DEVELOPMENT		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_NEUTROPHIL_MEDIATED_CYTOTOXICITY		-1.1	3.7E-01	6.4E-01	5.2E-01

NecD vs CTRL	GOBP_REGULATION_OF_RESPIRATORY_BURST		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_PROTEASOME_MEDIATED_UBIQUITIN_DEPENDENT_PROTEIN_CATABOLIC_PROCESS		-1.1	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_POLYMERIZATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ACTOMYOSIN_STRUCTURE_ORGANIZATION		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYOBlast_DIFFERENTIATION		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_LEUCINE_STARVATION		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	GOBP_MACROMOLECULE_DEPALMITOYLATION		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MRNA_METABOLIC_PROCESS		-1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_RESPONSE_TO_GLUCAGON		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_CLUSTERING		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ERK1_AND_ERK2_CASCADE		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_ENDOCYTIC_RECYCLING		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_TYPE_B_PANCREATIC_CELL_DEVELOPMENT		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_PROTEIN_FOLDING_IN_ENDOPLASMIC_RETICULUM		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_RNA_SPLICING		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_COMPONENT_SIZE		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_RRNA_CATABOLIC_PROCESS		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_ALVEOLUS_DEVELOPMENT		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_MIGRATION		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTRANSMITTER_TRANSPORT		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NON_CANONICAL_NF_KAPPAB_SIGNAL_TRANSDUCTION		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_DISACCHARIDE_METABOLIC_PROCESS		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_REPRODUCTIVE_PROCESS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_ALDITOL_PHOSPHATE_METABOLIC_PROCESS		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_SEQUESTERING_OF_CALCIIUM_ION		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MORPHOGENESIS_OF_AN_EPITHELIUM		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ADULT_LOCOMOTORY_BEHAVIOR		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_CRANIAL_SKELETAL_SYSTEM_DEVELOPMENT		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHROMOSOME_ORGANIZATION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_MICROTUBULE_DEPOLYMERIZATION		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ALCOHOL		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_BINDING_DOMAIN_LEUCINE_RICH_REPEAT_CONTAINING_RECEPTOR_SIGNALING_PATHWAY		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_NUCLEUS		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_PROTEIN_AUTOPROCESSING		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_ENDOPLASMIC_RETICULUM_STRESS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CHROMATIN		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PEROXISOME_PROLIFERATOR_ACTIVATED_RECEPTOR_SIGNALING_PATHWAY		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_CORTICAL_CYTOSKELETON_ORGANIZATION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ODONTOGENESIS		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_ADENYLATE_CYCLASE_INHIBITING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_MITOPHAGY		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_NEUROPEPTIDE_SIGNALING_PATHWAY		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_GASTRULATION		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_CERAMIDE_METABOLIC_PROCESS		-1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_AMYLOID_BETA_CLEARANCE		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_FILAMENT_LENGTH		-1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_PERICARDIUM_DEVELOPMENT		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_CORTISOL_METABOLIC_PROCESS		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	GOBP_BRANCHED_CHAIN_AMINO_ACID_TRANSPORT		-1.1	3.4E-01	6.2E-01	5.1E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHROMOSOME_SEGREGATION		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LITHIUM_ION		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_SULFATE_TRANSPORT		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_MRNA_SPLICE_SITE_RECOGNITION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SEMINIFEROUS_TUBULE_DEVELOPMENT		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_OXIDATIVE_STRESS_INDUCED_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_POTASSIUM_ION_EXPORT_ACROSS_PLASMA_MEMBRANE		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_MULTICELLULAR_ORGANISM_GROWTH		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_CARDIAC_CHAMBER_FORMATION		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CELL_PERIPHERY		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MICROVILLUS_ASSEMBLY		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_TEMPLATED_TRANSCRIPTION_INITIATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_POLYSACCHARIDE_BIOSYNTHETIC_PROCESS		-1.1	2.9E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GLUCOSE_STARVATION		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_FOCAL_ADHESION_ASSEMBLY		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_DNA_REPLICATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_INVOLVED_IN_NEURAL_TUBE_CLOSURE		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_ENUCLEATE_ERYTHROCYTE_DIFFERENTIATION		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	GOBP_INNER_EAR_RECEPTOR_CELL_DEVELOPMENT		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_GASTRULATION		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_3_PHOSPHATE_BIOSYNTHETIC_PROCESS		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_OTIC_VESICLE_MORPHOGENESIS		-1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_STRIATED_MUSCLE_TISSUE_DEVELOPMENT		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BINDING		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_TRANSLATION		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_TRANSEPITHELIAL_TRANSPORT		-1.1	3.3E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_TASTE		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_POLYUBIQUITINATION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_CARDIAC_NEURAL_CREST_CELL_DIFFERENTIATION_INVOLVED_IN_HEART_DEVELOPMENT		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_RRNA_TRANSCRIPTION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_GROWTH		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_atrial_cardiac_muscle_cell_to_av_node_cell_communication		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_INTERFERON_BETA_PRODUCTION		-1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_REGENERATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLUCOCORTICOID_SECRETION		-1.1	3.4E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_NONSENSE_MEDIATED_DECAY		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_MITOTIC_RECOMBINATION		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	GOBP_PROTEIN_AUTOUBIQUITINATION		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_APICAL_PROTEIN_LOCALIZATION		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_RAC_PROTEIN_SIGNAL_TRANSDUCTION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_MEMBRANE_BIOGENESIS		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_EMBRYONIC_EPITHELIUM		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_POST_GOLGI_VESICLE_MEDIATED_TRANSPORT		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_CLUSTERING		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_CELL_CYCLE_G2_M_PHASE_TRANSITION		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRIGLYCERIDE_METABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_SECRETION		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_BITTER_TASTE		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_RETICULOPHAGY		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VIRAL_ENTRY_INTO_HOST_CELL		-1.1	3.1E-01	5.9E-01	4.8E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPID_STORAGE		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MIRNA_MEDIATED_GENE_SILENCING_BY_INHIBITION_OF_TRANSLATION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXTRACELLULAR_MATRIX_ASSEMBLY		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_ATP_METABOLIC_PROCESS		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_GROWTH_FACTOR_STIMULUS		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_OXYGEN_LEVELS		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ORGANISM_EMERGENCE_FROM_PROTECTIVE_STRUCTURE		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_TISSUE_MIGRATION		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POLYOL_BIOSYNTHETIC_PROCESS		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_STARVATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_VENTRICULAR_SYSTEM_DEVELOPMENT		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_EAR_MORPHOGENESIS		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_CORTISOL_BIOSYNTHETIC_PROCESS		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_DNA_REPLICATION_CHECKPOINT_SIGNALING		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_LYSOSOMAL_LUMEN_ACIDIFICATION		-1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PERICYTE_CELL_DIFFERENTIATION		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_LEUKEMIA_INHIBITORY_FACTOR		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AMYLOID_BETA_FORMATION		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_EPINEPHRINE_STIMULUS		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MULTICELLULAR_ORGANISM_GROWTH		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_SOMATIC_DIVERSIFICATION_OF_IMMUNE_RECEPTORS		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PLASMA_MEMBRANE_BOUNDED_CELL_PROJECTION_ASSEMBLY		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS		-1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION		-1.1	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_BASED_PROCESS		-1.1	2.1E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_NUCLEUS		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_AMPA_GLUTAMATE_RECEPTOR_CLUSTERING		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_CYCLE_CHECKPOINT		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_DNA_METABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ORGANIC_HYDROXY_COMPOUND_TRANSPORT		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MONOCYTE_DIFFERENTIATION		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_MESODERM_MORPHOGENESIS		-1.1	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_TELOMERE_MAINTENANCE		-1.1	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_VESICLE_CARGO_LOADING		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_XENOBIOTIC_TRANSPORT		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN_VIA_MHC_CLASS_I		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SPECIFICATION_OF_SYMMETRY		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GAMMA_RADIATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_PRESYNAPSE		-1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_COLD_INDUCED_THERMOGENESIS		-1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_RRNA_PROCESSING		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_GOLGI_VESICLE_TRANSPORT		-1.1	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EXCITATORY_POSTSYNAPTIC_POTENTIAL		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_CELL_MIGRATION_INVOLVED_IN_SPROUTING_ANGIOGENESIS		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_EMBRYONIC_PLACENTA_DEVELOPMENT		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_DIACYLGLYCEROL_METABOLIC_PROCESS		-1.1	3.0E-01	5.8E-01	4.7E-01

NecD vs CTRL	GOBP_IMPORT_ACROSS_PLASMA_MEMBRANE		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MODULATION_BY_HOST_OF_VIRAL_PROCESS		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_NAD_CATABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_B_CELL_DIFFERENTIATION		-1.1	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_LIPOPROTEIN_BIOSYNTHETIC_PROCESS		-1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_RETINA_MORPHOGENESIS_IN_CAMERA_TYPE_EYE		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_OLFACTORY_BEHAVIOR		-1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLCHOLINE_CATABOLIC_PROCESS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_BRANCHING_INVOLVED_IN_SALIVARY_GLAND_MORPHOGENESIS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SYSTEMIC_ARTERIAL_BLOOD_PRESSURE		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_VASCULAR_ASSOCIATED_SMOOTH_MUSCLE_CELL_DEVELOPMENT		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_TOOTH_MINERALIZATION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_COMMISSURAL_NEURON_AXON_GUIDANCE		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_GLUCOSE_CATABOLIC_PROCESS		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_O_LINKED_GLYCOSYLATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MUSCLE_ORGAN_DEVELOPMENT		-1.1	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_AMIDE_METABOLIC_PROCESS		-1.1	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_PROTEIN_POLYMERIZATION		-1.1	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VIRAL_LIFE_CYCLE		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_VASCULOGENESIS		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_AMINO_ACID_CATABOLIC_PROCESS		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_MIGRATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_ORGAN_DEVELOPMENT		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PROTEIN_HYDROXYLATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_DEVELOPMENTAL_PIGMENTATION		-1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_PROTON_TRANSPORTING_TWO_SECTOR_ATPASE_COMPLEX_ASSEMBLY		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PARATHYROID_HORMONE		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_INTEGRIN_ACTIVATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_DNA_STRAND_ELONGATION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_PRIMARY_AMINO_COMPOUND_METABOLIC_PROCESS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_2FE_2S_CLUSTER_ASSEMBLY		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_HEMATOPOIETIC_STEM_CELL_HOMEOSTASIS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_AUTOPHAGY_OF_MITOCHONDRION		-1.1	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MEIOTIC_CELL_CYCLE_CHECKPOINT_SIGNALING		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	GOBP_TELOMERE_ORGANIZATION		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_LAMELLIPODIUM_ORGANIZATION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEPHRON_TUBULE_FORMATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LONG_TERM_NEURONAL_SYNAPTIC_PLASTICITY		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_LOCALIZATION		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_FILAMENT_ORGANIZATION		-1.1	1.9E-01	4.7E-01	3.9E-01
NecD vs CTRL	GOBP_GLUTAMINE_TRANSPORT		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_PARTURITION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_ACYLATION		-1.1	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_PROTEIN_DNA_COMPLEX_ASSEMBLY		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_ETHER_METABOLIC_PROCESS		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_CYTOSOLIC_TRANSPORT		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_RNA_DECAPPING		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_L_AMINO_ACID_BIOSYNTHETIC_PROCESS		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_KIDNEY_DEVELOPMENT		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_INORGANIC_SUBSTANCE		-1.1	2.0E-01	4.9E-01	4.0E-01

NecD vs CTRL	GOBP_REGULATION_OF_CARBOHYDRATE_BIOSYNTHETIC_PROCESS		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_APOPTOTIC_PROCESS		-1.1	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_CATABOLIC_PROCESS		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_MULTICELLULAR_ORGANISM_GROWTH		-1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_POLYOL_METABOLIC_PROCESS		-1.1	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REPRODUCTIVE_SYSTEM_DEVELOPMENT		-1.1	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_TRANSCRIPTION_BY_RNA_POLYMERASE_III		-1.1	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_TELOMERE_MAINTENANCE_VIA_RECOMBINATION		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_METHYLATION		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_COCHLEA_DEVELOPMENT		-1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RAP_PROTEIN_SIGNAL_TRANSDUCTION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_ALPHA_AMINO_ACID_METABOLIC_PROCESS		-1.1	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_PORE_COMPLEX_ASSEMBLY		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_SELF_PROTEOLYSIS		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCIUM_ION_TRANSMEMBRANE_TRANSPORT		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SECONDARY_METABOLITE_BIOSYNTHETIC_PROCESS		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SPINAL_CORD_MOTOR_NEURON_CELL_FATE_SPECIFICATION		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEURAL_TUBE_FORMATION		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_CELL_CELL_ADHESION_MEDIATED_BY_CADHERIN		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_EPITHELIAL_CELL_POLARITY		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_GLYCOGEN_BIOSYNTHETIC_PROCESS		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_MAINTENANCE		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_SIGNAL_TRANSDUCTION_IN_RESPONSE_TO_DNA_DAMAGE		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_GENITALIA_DEVELOPMENT		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_PRIMING		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPASE_ACTIVITY		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_AROMATIC_AMINO_ACID_TRANSPORT		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_EMBRYONIC_HEART_TUBE_DEVELOPMENT		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_PHOSPHOLIPID_CATABOLIC_PROCESS		-1.2	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_SUBSTRATE_JUNCTION_ORGANIZATION		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_UV_C		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_DNA_METHYLATION_DEPENDENT_HETEROCHROMATIN_FORMATION		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_RETINAL_ROD_CELL_DIFFERENTIATION		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_SHAPE		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_EXOCYTIC_PROCESS		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ARP2_3_COMPLEX_MEDIATED_ACTIN_NUCLEATION		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMINO_ACID_TRANSPORT		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_PROTEIN_O_LINKED_MANNOSYLATION		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_ATTACHMENT_OF_SPINDLE_MICROTUBULES_TO_KINETOCHORE		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_BILE_ACID_BIOSYNTHETIC_PROCESS		-1.2	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_PROLIFERATION		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_MESONEPHRIC_TUBULE_FORMATION		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MUSCLE_HYPERTROPHY		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_EMBRYONIC_SKELETAL_SYSTEM_MORPHOGENESIS		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_EPITHELIAL_CELL_DIFFERENTIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_RETROGRADE_TRANSPORT_ENDOSOME_TO_GOLGI		-1.2	2.1E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_RNA_CATABOLIC_PROCESS		-1.2	1.6E-01	4.4E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_BINDING		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_LOCALIZATION		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY		-1.2	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_IMPORT_INTO_NUCLEUS		-1.2	1.9E-01	4.8E-01	3.9E-01

NecD vs CTRL	GOBP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_SUBSTRATE_INDEPENDENT_TELENCEPHALIC_TANGENTIAL_MIGRATION		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_MONOPOLAR_CELL_POLARITY		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_PROTEIN_LOCATION_IN_CELL		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PROLINE_METABOLIC_PROCESS		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	GOBP_MITOTIC_CELL_CYCLE_CHECKPOINT_SIGNALING		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NUCLEOSOME_ORGANIZATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_RETINOIC_ACID		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PYRUVATE_METABOLIC_PROCESS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_COPULATION		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_NUTRIENT_LEVELS		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_MANNOSYLATION		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_AXONAL_TRANSPORT_OF_MITOCHONDRION		-1.2	2.9E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_MORPHOGENESIS		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CHROMOSOME		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_EPINEPHRINE		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_METABOLIC_PROCESS		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLIAL_CELL_MIGRATION		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_STEM_CELL_DIVISION		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_SITE_OF_DOUBLE_STRAND_BREAK		-1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_MECHANORECEPTOR_DIFFERENTIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_DEPOLYMERIZATION		-1.2	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CILIUM_ASSEMBLY		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NON_MOTILE_CILIUM_ASSEMBLY		-1.2	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CYTOSKELETON		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_BASE_EXCISION_REPAIR		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_BRAIN_MORPHOGENESIS		-1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_SPHINGOMYELIN_BIOSYNTHETIC_PROCESS		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_IMPORT_INTO_THE_MITOCHONDRION		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MACROAUTOPHAGY		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_POLYMERIZATION		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VACUOLE_ORGANIZATION		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AUTOPHAGY		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_MECHANICAL_STIMULUS		-1.2	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_ENDOSOMAL_TRANSPORT		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_LOCATION_IN_CELL		-1.2	1.7E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_CYTOKINESIS		-1.2	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_CAMP_METABOLIC_PROCESS		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RETINAL_CONE_CELL_DIFFERENTIATION		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_TISSUE_HOMEOSTASIS		-1.2	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	GOBP_ANATOMICAL_STRUCTURE_MATURATION		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_MICROTUBULE_POLYMERIZATION_OR_DEPOLYMERIZATION		-1.2	1.9E-01	4.7E-01	3.9E-01
NecD vs CTRL	GOBP_ANIMAL_ORGAN_MATURATION		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LYASE_ACTIVITY		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORT		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_RECEPTOR_INTERNALIZATION		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_IRON_ION_TRANSPORT		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PEPTIDYL_METHIONINE_MODIFICATION		-1.2	2.9E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_TRANSCYTOSIS		-1.2	2.5E-01	5.4E-01	4.4E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MRNA_METABOLIC_PROCESS	-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_LEUKOTRIENE_BIOSYNTHETIC_PROCESS	-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_HOMOLOGOUS_RECOMBINATION	-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_CARDIAC_ATRIUM_DEVELOPMENT	-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_EMBRYONIC_SKELETAL_SYSTEM_DEVELOPMENT	-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOTIC_CELL_CYCLE_PHASE_TRANSITION	-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_DETECTION_OF_VISIBLE_LIGHT	-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS	-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_JUNCTION_ASSEMBLY	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_HYPEROSMOTIC_RESPONSE	-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SUPRAMOLECULAR_FIBER_ORGANIZATION	-1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MAMMARY_GLAND_EPITHELIAL_CELL_PROLIFERATION	-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_PROTEIN_DEPOLYMERIZATION	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_GOLGI_TO_LYSOSOME_TRANSPORT	-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYMPHOID_PROGENITOR_CELL_DIFFERENTIATION	-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	GOBP_MESENCHYME_DEVELOPMENT	-1.2	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_COGNITION	-1.2	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTRANSMITTER_SECRETION	-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_INNER_EAR_MORPHOGENESIS	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRIGLYCERIDE_METABOLIC_PROCESS	-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_DEPOLARIZATION	-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_CHEMOTAXIS	-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_DENDRITIC_CELL_APOPTOTIC_PROCESS	-1.2	2.9E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_VASCULAR_PROCESS_IN_CIRCULATORY_SYSTEM	-1.2	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_SULFUR_COMPOUND_CATABOLIC_PROCESS	-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_PROTEIN_LOCATION	-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR	-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_MEMBRANE_LIPID_METABOLIC_PROCESS	-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_RESPONSE_TO_COCAINE	-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_SEGMENTATION	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_NUTRIENT	-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SKELETAL_MUSCLE_TISSUE_DEVELOPMENT	-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF KERATINOCYTE PROLIFERATION	-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OXIDOREDUCTASE_ACTIVITY	-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_NON_MOTILE_CILIUM_ASSEMBLY	-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_DEFINITIVE_HEMOPOIESIS	-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_BRANCHING_MORPHOGENESIS_OF_AN_EPITHELIAL_TUBE	-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_NEURAL_CREST_CELL_DIFFERENTIATION	-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_DEPOLYMERIZATION	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_MATURE_B_CELL_DIFFERENTIATION_INVOLVED_IN_IMMUNE_RESPONSE	-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_DEPOLYMERIZATION	-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLUONEOGENESIS	-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPIRATORY_SYSTEM_PROCESS	-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	GOBP_OTIC_VESICLE_DEVELOPMENT	-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_CELL_GROWTH	-1.2	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_EPITHELIAL_CELL_PROLIFERATION	-1.2	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_VISUAL_BEHAVIOR	-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_AV_NODE_CELL_TO_BUNDLE_OF_HIS_CELL_COMMUNICATION	-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_AXON_EXTENSION	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_RECOMBINATION	-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_INVOLVED_IN_ENDOCARDIAL_CUSHION_FORMATION	-1.2	2.6E-01	5.5E-01	4.5E-01

NecD vs CTRL	GOBP_CAMERA_TYPE_EYE_PHOTORECEPTOR_CELL_DIFFERENTIATION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_THALAMUS_DEVELOPMENT		-1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_CARDIAC_CONDUCTION_SYSTEM_DEVELOPMENT		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_REPLICATION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_SMAD_PROTEIN_SIGNAL_TRANSDUCTION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_SYNAPSE_PRUNING		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MICROTUBULE_POLYMERIZATION_OR_DEPOLYMERIZATION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEUTRAL_AMINO_ACID_TRANSPORT		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_CELL_CYCLE_CHECKPOINT_SIGNALING		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DENDRITIC_SPINE_MORPHOGENESIS		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOTIC_PROCESS		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_NEURON_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_OXIDATIVE_STRESS		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_BIOSYNTHETIC_PROCESS		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OSTEOCLAST_DIFFERENTIATION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_BASEMENT_MEMBRANE_ORGANIZATION		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_DETERMINATION_OF_LEFT_RIGHT_ASYMMETRY_IN_LATERAL_MESODERM		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_POSTSYNAPSE		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_SIGNALING_PATHWAY		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_CELLULAR_SENESCENCE		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_CELL_NUMBER		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_ATTACHMENT_OF_MITOTIC_SPINDLE_MICROTUBULES_TO_KINETOCHORE		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_HISTONE_MRNA_CATABOLIC_PROCESS		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_PROSTATE_GLAND_MORPHOGENESIS		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MELANOSOME_ASSEMBLY		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_INTRA_GOLGI_VESICLE_MEDIATED_TRANSPORT		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_PROJECTION_ASSEMBLY		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_CATECHOLAMINE		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MYELOID_CELL_HOMEOSTASIS		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_GLYCOSYLATION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_FIBROBLAST_MIGRATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_BASED_TRANSPORT		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RNA_SPLICING		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_TRANSPORT_INTO_CYTOSOL		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PEPTIDASE_ACTIVITY		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_EARLY_ENDOSOME_TO_GOLGI_TRANSPORT		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_VITAMIN_D		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_UBIQUITIN_RECYCLING		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANS_SYNAPTIC_SIGNALING		-1.2	7.6E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_VESICLE_MEDIATED_TRANSPORT_IN_SYNAPSE		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_NEPHRIC_DUCT_MORPHOGENESIS		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_VERY_LONG_CHAIN_FATTY_ACID_BIOSYNTHETIC_PROCESS		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSCRIPTION_REGULATORY_REGION_DNA_BINDING		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_AMIDE_BIOSYNTHETIC_PROCESS		-1.2	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CALCINEURIN_MEDIATED_SIGNALING		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_PLACENTA_BLOOD_VESSEL_DEVELOPMENT		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_LABYRINTHINE_LAYER_BLOOD_VESSEL_DEVELOPMENT		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MESODERM_DEVELOPMENT		-1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_CERAMIDE_BIOSYNTHETIC_PROCESS		-1.2	2.0E-01	5.0E-01	4.0E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_ORGANIZATION		-1.2	8.0E-02	3.0E-01	2.4E-01

NecD vs CTRL	GOBP_RESPONSE_TO_IONIZING_RADIATION		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_CRANIOFACIAL_SUTURE_MORPHOGENESIS		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ER_TO_GOLGI_VESICLE_MEDIATED_TRANSPORT		-1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_GROWTH_FACTOR_STIMULUS		-1.2	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_CELL_JUNCTION_MAINTENANCE		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_LIPOPROTEIN_CATABOLIC_PROCESS		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPID_TRANSPORT		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_POLYMERIZATION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_TUBE_FORMATION		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_SISTER_CHROMATID_COHESION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_EXOCYTOSIS		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_L_GLUTAMATE_TRANSMEMBRANE_TRANSPORT		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_SKIN_EPIDERMIS_DEVELOPMENT		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_DNA_STRAND_ELONGATION_INVOLVED_IN_DNA_REPLICATION		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_GENOMIC_IMPRINTING		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_DIFFERENTIATION		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DIFFERENTIATION		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_AN_EPITHELIUM		-1.2	6.2E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_PHOSPHOLIPASE_C_ACTIVITY		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_PEPTIDYL_LYSINE_ACETYLATION		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_DIFFERENTIATION		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_REGENERATION		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_METAPHASE_PLATE_CONGRESSION		-1.2	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	GOBP_GLUTAMATE_METABOLIC_PROCESS		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_HOMEOSTASIS_OF_NUMBER_OF_CELLS_WITHIN_A_TISSUE		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_TOLL LIKE RECEPTOR_4_SIGNALING_PATHWAY		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_SYNAPTIC_VESICLE_CYTOSKELETAL_TRANSPORT		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_LYSOSOMAL_PROTEIN_CATABOLIC_PROCESS		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_TRANSFORMING_GROWTH_FACTOR_BETA_STIMULUS		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_FISSION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_INTRACELLULAR_IRON_ION_HOMEOSTASIS		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_INNER_EAR_RECEPTOR_CELL_STEREOCILUM_ORGANIZATION		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PLASMA_MEMBRANE_TUBULATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MUSCLE_STRETCH		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_OLIGODENDROCYTE_DIFFERENTIATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_CELL_MATURATION		-1.2	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_ENDOTHELIAL_CELL_PROLIFERATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GROWTH		-1.2	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_DEXAMETHASONE		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEMATOPOIETIC_PROGENITOR_CELL_DIFFERENTIATION		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_METABOLIC_PROCESS		-1.2	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_MALE_SEX_DIFFERENTIATION		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_KIDNEY_EPITHELIUM_DEVELOPMENT		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_DISASSEMBLY		-1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_OSSIFICATION		-1.2	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_METHYLATION_DEPENDENT_HETEROCHROMATIN_FORMATION		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_EMBRYONIC_BRAIN_DEVELOPMENT		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_L_GLUTAMATE_IMPORT		-1.2	2.2E-01	5.1E-01	4.2E-01

NecD vs CTRL	GOBP_MITOCHONDRIAL_FRAGMENTATION_INVOLVED_IN_APOPTOTIC_PROCESS		-1.2	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	GOBP_SENSORY_PERCEPTION_OF_PAIN		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHROMATIN_ORGANIZATION		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_UROGENITAL_SYSTEM_DEVELOPMENT		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_AUTOPHAGY_OF_MITOCHONDRION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_RECEPTOR_METABOLIC_PROCESS		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_ENTERIC_NERVOUS_SYSTEM_DEVELOPMENT		-1.2	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_MESODERMAL_CELL_FATE_COMMITMENT		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYCLASE_ACTIVITY		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_MOLTING_CYCLE		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_VERY_LONG_CHAIN_FATTY_ACID_METABOLIC_PROCESS		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ATTACHMENT_OF_SPINDLE_MICROTUBULES_TO_KINETOCHORE		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_ACETYLATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPOPROTEIN_PARTICLE_CLEARANCE		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_MOTOR_NEURON_MIGRATION		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RECEPTOR_CLUSTERING		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MRNA_CATABOLIC_PROCESS		-1.2	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_FATTY_ACID_ELONGATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACTIN_FILAMENT_BUNDLE_ASSEMBLY		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_ERYTHROCYTE_DIFFERENTIATION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_SPHINGOLIPID_METABOLIC_PROCESS		-1.2	1.3E-01	3.9E-01	3.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_CONTAINING_COMPLEX_ASSEMBLY		-1.2	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CELL_JUNCTION		-1.2	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	GOBP_ACTIN_NUCLEATION		-1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_DOUBLE_STRAND_BREAK_REPAIR		-1.2	8.4E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_LIMBIC_SYSTEM_DEVELOPMENT		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_MELANOCYTE_DIFFERENTIATION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_INSULIN_STIMULUS		-1.2	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYCLIN_DEPENDENT_PROTEIN_KINASE_ACTIVITY		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_BERGMANN_GLIAL_CELL_DIFFERENTIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AUTOPHAGY		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_MATURATION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PHORBOL_13_ACETATE_12_MYRISTATE		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	GOBP_ONE_CARBON_METABOLIC_PROCESS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_CELLULAR_COMPONENT_ASSEMBLY_INVOLVED_IN_MORPHOGENESIS		-1.2	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_BIOSYNTHETIC_PROCESS		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_LOCOMOTORY_BEHAVIOR		-1.2	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_MANGANESE_ION		-1.2	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ATRIAL_SEPTUM_DEVELOPMENT		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_BASIC_AMINO_ACID_TRANSPORT		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_ADAPTIVE_THERMOGENESIS		-1.2	1.3E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_DEVELOPMENT_OF_PRIMARY_SEXUAL_CHARACTERISTICS		-1.2	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLYCOGEN_METABOLIC_PROCESS		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_DNA_DOUBLE_STRAND_BREAK_PROCESSING		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TELOMERE_MAINTENANCE		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_PARAXIAL_MESODERM_DEVELOPMENT		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_GLYCOPROTEIN_METABOLIC_PROCESS		-1.2	7.5E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROVILLUS_ORGANIZATION		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SPROUTING_ANGIOGENESIS		-1.2	2.4E-01	5.3E-01	4.3E-01

NecD vs CTRL	GOBP_GLAND_MORPHOGENESIS		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RECEPTOR_BINDING		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_CALCIIUM_IION_HOMEOSTASIS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_FAT_CELL_DIFFERENTIATION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_MITOTIC_DNA_REPLICATION_CHECKPOINT_SIGNALING		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_ERYTHROCYTE_HOMEOSTASIS		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_EMBRYONIC_PATTERN_SPECIFICATION		-1.2	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_IION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MEGAKARYOCYTE_DIFFERENTIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_POTENTIAL		-1.2	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_LOW_DENSITY_LIPOPROTEIN_PARTICLE_CLEARANCE		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_STARVATION		-1.2	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_NEURAL_RETINA_DEVELOPMENT		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_OVULATION_CYCLE_PROCESS		-1.2	1.9E-01	4.7E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LOCOMOTION		-1.2	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_GAMMA_AMINOBUTYRIC_ACID_SECRETION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_SPLICEOSOMAL_COMPLEX_ASSEMBLY		-1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_NADPH_REGENERATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PHOSPHATIDIC_ACID_METABOLIC_PROCESS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_EPIGENETIC_PROGRAMMING_IN_THE_ZYGOTIC_PRONUCLEI		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_METANEPHRIC_MESENCHYME_DEVELOPMENT		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GTPASE_ACTIVITY		-1.2	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOSKELETON_ORGANIZATION		-1.2	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DNA_BINDING_TRANSCRIPTION_FACTOR_ACTIVITY		-1.2	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_DIFFERENTIATION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_DEVELOPMENTAL_CELL_GROWTH		-1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE_BY_P53_CLASS_MEDIATOR		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_BETA_SIGNALING_PATHWAY		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHEMOTAXIS		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_NUTRIENT_LEVELS		-1.2	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_THYROID_HORMONE_TRANSPORT		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_AXON_EXTENSION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_CELL_JUNCTION_DISASSEMBLY		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_IN_UTERO_EMBRYONIC_DEVELOPMENT		-1.2	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLIAL_CELL_PROLIFERATION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_STEM_CELL_DEVELOPMENT		-1.2	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYSSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOTIC_SIGNALING_PATHWAY		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_RIBOSOME_ASSEMBLY		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_K63_LINKED_UBIQUITINATION		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ORGAN_GROWTH		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESPIRATORY_GASEOUS_EXCHANGE		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_EPITHELIAL_CELL_APICAL_BASAL_POLARITY		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY		-1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_EXIT_FROM_MITOSIS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_AUTOPHAGY		-1.2	6.6E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_INFLAMMATORY_RESPONSE_TO_WOUNDING		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_ADENYLATE_CYCLASE_ACTIVATING_DOPAMINE_RECEPTOR_SIGNALING_PATHWAY		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_IKE1_MEDIATED_UNFOLDED_PROTEIN_RESPONSE		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_LEYDIG_CELL_DIFFERENTIATION		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_CYTOSKELETON_ORGANIZATION		-1.2	1.0E-01	3.4E-01	2.8E-01

NecD vs CTRL	GOBP_REGULATION_OF_CELL_CYCLE_PHASE_TRANSITION		-1.2	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_PHOTOPERIODISM		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_AXONOGENESIS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSCRIPTION_BY_GLUCOSE		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_FIBROBLAST_MIGRATION		-1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_SIGNALING_RECEPTOR_ACTIVITY		-1.2	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DEVELOPMENTAL_GROWTH		-1.2	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_TORC2_SIGNALING		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_NUCLEAR_PORE_COMPLEX_ASSEMBLY		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_PROTEIN_DESTABILIZATION		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RESPONSE_TO_OXIDATIVE_STRESS		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	GOBP_ACROSOME_REACTION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACID_BIOSYNTHETIC_PROCESS		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_SPHINGOMYELIN_METABOLIC_PROCESS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_GLYCEROPHOSPHOLIPID_CATABOLIC_PROCESS		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_IN_RESPONSE_TO_DNA_DAMAGE		-1.2	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_MUSCLE_CELL_PROLIFERATION		-1.2	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_MACROAUTOPHAGY		-1.2	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_SODIUM_ION_TRANSPORT		-1.2	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTRACELLULAR_MATRIX_ORGANIZATION		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_BILE_ACID_METABOLIC_PROCESS		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_TORC1_SIGNALING		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_MATURATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_SATELLITE_CELL_PROLIFERATION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_MAST_CELL_ACTIVATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_NEUTRAL_LIPID_BIOSYNTHETIC_PROCESS		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_EXPLORATION_BEHAVIOR		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_FILOPODIUM_ASSEMBLY		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_NEPHRON_MORPHOGENESIS		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURON_PROJECTION_REGENERATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_SEX_DIFFERENTIATION		-1.2	6.6E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_CATABOLIC_PROCESS		-1.2	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ERYTHROCYTE_DIFFERENTIATION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MEMBRANE_POTENTIAL		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_PROSTATE_GLAND_DEVELOPMENT		-1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY		-1.2	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_PROTEIN_POLYUBIQUITINATION		-1.2	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_VIA_MHC_CLASS_IB		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_ORGANIZATION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_GLYCOPROTEIN_BIOSYNTHETIC_PROCESS		-1.2	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_COLLAGEN_ACTIVATED_TYROSINE_KINASE_RECEPTOR_SIGNALING_PATHWAY		-1.2	2.2E-01	5.2E-01	4.2E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CHROMOSOME_CENTROMERIC_REGION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_2_OXOGLUTARATE_METABOLIC_PROCESS		-1.2	2.0E-01	5.0E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR_VIA_NONHOMOLOGOUS_END_JOINING		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_MORPHOGENESIS		-1.2	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_VACUOLE		-1.2	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_DEVELOPMENT_HETEROCHRONIC		-1.2	2.0E-01	5.0E-01	4.0E-01
NecD vs CTRL	GOBP_ENDOSOME_TO_LYSOSOME_TRANSPORT		-1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_REPLICATION		-1.2	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HEMOPOIESIS		-1.2	1.2E-01	3.8E-01	3.1E-01

NecD vs CTRL	GOBP_REGULATION_OF_DNA_BINDING		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_SPINDLE_ELONGATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_PEPTIDYL_LYSINE_ACETYLATION		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_APOPTOTIC_PROCESS		-1.2	1.9E-01	4.7E-01	3.9E-01
NecD vs CTRL	GOBP_BRANCHING_INVOLVED_IN_MAMMARY_GLAND_DUCT_MORPHOGENESIS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_LIPOPOLYSACCHARIDE_MEDIATED_SIGNALING_PATHWAY		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_GERMINAL_CENTER_FORMATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORT		-1.2	5.4E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHROMOSOME_ORGANIZATION		-1.2	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_CIRCADIAN_REGULATION_OF_GENE_EXPRESSION		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_HOMEOSTASIS_OF_NUMBER_OF_CELLS		-1.2	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TELOMERE_MAINTENANCE		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_FAT_SOLUBLE_VITAMIN_METABOLIC_PROCESS		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_BIOSYNTHETIC_PROCESS		-1.2	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CIRCADIAN_RHYTHM		-1.2	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_REGULATION_OF KERATINOCYTE PROLIFERATION		-1.2	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_PURINERGIC_RECEPTOR_SIGNALING_PATHWAY		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	GOBP_CORNEA_DEVELOPMENT_IN_CAMERA_TYPE_EYE		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MITOTIC_CYTOKINESIS		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_GTPASE_ACTIVITY		-1.2	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_ORGANIC_ACID_TRANSMEMBRANE_TRANSPORT		-1.2	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_LEARNING		-1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_CALCIIUM_ION_TRANSPORT_INTO_CYTOSOL		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_DIVISION		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_TRANSPORT		-1.2	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_INTRINSIC_APOPTOTIC_SIGNALING_PATHWAY_BY_P53_CLASS_MEDIATOR		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OR_MAINTENANCE_OF_BIPOLAR_CELL_POLARITY		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_TOR_SIGNALING		-1.2	8.4E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_RYANODINE_SENSITIVE_CALCIIUM_RELEASE_CHANNEL_ACTIVITY		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SMAD_PROTEIN_SIGNAL_TRANSDUCTION		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSFORMING_GROWTH_FACTOR_BETA_RECEPTOR_SIGNALING_PATHWAY		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_GROWTH_HORMONE_RECEPTOR_SIGNALING_PATHWAY_VIA_JAK_STAT		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_MITOTIC_G1_S_TRANSITION_CHECKPOINT_SIGNALING		-1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_PROTEIN_PEPTIDYL_PROLYL_ISOMERIZATION		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_L GLUTAMATE_IMPORT_ACROSS_PLASMA_MEMBRANE		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_BONE_DEVELOPMENT		-1.3	7.3E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_RISC_COMPLEX_ASSEMBLY		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_FIBER_DIFFERENTIATION		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_DNA_INTEGRITY_CHECKPOINT_SIGNALING		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_MITOTIC_CELL_CYCLE_PHASE_TRANSITION		-1.3	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITE_EXTENSION		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_OSMOTIC_STRESS		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_FISSION		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_TISSUE_MORPHOGENESIS		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_EMBRYONIC_PLACENTA_MORPHOGENESIS		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_METABOLIC_PROCESS		-1.3	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_LYMPHOID_PROGENITOR_CELL_DIFFERENTIATION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMAD_PROTEIN_SIGNAL_TRANSDUCTION		-1.3	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_DEVELOPMENTAL_MATURATION		-1.3	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_BRANCHED_CHAIN_AMINO_ACID_METABOLIC_PROCESS		-1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_WNT_SIGNALING_PATHWAY		-1.3	9.2E-02	3.2E-01	2.6E-01

NecD vs CTRL	GOBP_IMMATURE_B_CELL_DIFFERENTIATION		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CELL_ADHESION_MEDIATED_BY_CADHERIN		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_S_ADENOSYLMETHIONINE_METABOLIC_PROCESS		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ACTIN_NUCLEATION		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_KINASE_A_SIGNALING		-1.3	2.1E-01	5.1E-01	4.1E-01
NecD vs CTRL	GOBP_MESENCHYMAL_CELL_MIGRATION		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_ALPHA_LINOLENIC_ACID_METABOLIC_PROCESS		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_MIGRATION		-1.3	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_SMOOTHENED_SIGNALING_PATHWAY		-1.3	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_SEQUESTERING_OF_TRIGLYCERIDE		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_MITOTIC_DNA_INTEGRITY_CHECKPOINT_SIGNALING		-1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_ACTIN_FILAMENT_BUNDLE_ORGANIZATION		-1.3	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_BIOLOGICAL_PROCESS_INVOLVED_IN_INTRASPECIES_INTERACTION_BETWEEN_ORGANISMS		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VASCULAR_PERMEABILITY		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_CENTROMERIC_SISTER_CHROMATID_COHESION		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_GRANULOCYTE_DIFFERENTIATION		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_AMINO_ACID_NEUROTRANSMITTER_REUPTAKE		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_VOLTAGE_GATED_CALCIUM_CHANNEL_ACTIVITY		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_FATE_COMMITMENT		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_INTESTINAL_ABSORPTION		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_ACTIN_POLYMERIZATION_OR_DEPOLYMERIZATION		-1.3	7.5E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_RIBOSE_PHOSPHATE_METABOLIC_PROCESS		-1.3	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_CARDIAC_VENTRICLE_MORPHOGENESIS		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_ASSOCIATIVE_LEARNING		-1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CARDIOCYTE_DIFFERENTIATION		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_SECONDARY_PALATE_DEVELOPMENT		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_PRO_B_CELL_DIFFERENTIATION		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARTILAGE_DEVELOPMENT		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_DENSE_CORE_GRANULE_TRANSPORT		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GLYCOGEN_BIOSYNTHETIC_PROCESS		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_MESONEPHROS_DEVELOPMENT		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_LABYRINTHINE_LAYER_DEVELOPMENT		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_ADENYLATE_CYCLASE_ACTIVITY		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_OLFACTORY_BULB_INTERNEURON_DIFFERENTIATION		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_SERINE_FAMILY_AMINO_ACID_CATABOLIC_PROCESS		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EXCITATORY_POSTSYNAPTIC_POTENTIAL		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_DEPOLARIZATION		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_RETINOIC_ACID		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_MODIFICATION_OF_POSTSYNAPTIC_ACTIN_CYTOSKELETON		-1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	GOBP_INTERMEMBRANE_LIPID_TRANSFER		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_FAT_CELL_PROLIFERATION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_MOLTING_CYCLE_PROCESS		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PLANAR_POLARITY_OF_EMBRYONIC_EPITHELIUM		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_JUNCTION_ASSEMBLY		-1.3	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_STRIATED_MUSCLE_CELL_DIFFERENTIATION		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_MEMBRANE_POTENTIAL		-1.3	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_TISSUE_DEVELOPMENT		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_SNARE_COMPLEX_ASSEMBLY		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_MICROTUBULE		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYELOID_CELL_DIFFERENTIATION		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_N_TERMINAL_PROTEIN_AMINO_ACID_MODIFICATION		-1.3	1.6E-01	4.4E-01	3.6E-01

NecD vs CTRL	GOBP_SEX_DETERMINATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_STABILITY		-1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_ACROSOME_ASSEMBLY		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_LENS_FIBER_CELL_DEVELOPMENT		-1.3	1.9E-01	4.7E-01	3.9E-01
NecD vs CTRL	GOBP_DEVELOPMENTAL_GROWTH_INVOLVED_IN_MORPHOGENESIS		-1.3	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_EMBRYONIC_CRANIAL_SKELETON_MORPHOGENESIS		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_MACROMOLECULE_DEACYLATION		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CENTROSOME_DUPLICATION		-1.3	1.9E-01	4.9E-01	4.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY		-1.3	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROAUTOPHAGY		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_MACROAUTOPHAGY		-1.3	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PIGMENTATION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PROTEIN_POLYMERIZATION		-1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_VENTRICULAR_CARDIAC_MUSCLE_TISSUE_DEVELOPMENT		-1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_SODIUM_ION_TRANSPORT		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_PROTEIN_CONTAINING_COMPLEX_LOCALIZATION		-1.3	6.6E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_ENDOTHELIAL_CELL_CHEMOTAXIS		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_ADHERENS_JUNCTION_ORGANIZATION		-1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_FOREBRAIN_MORPHOGENESIS		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CYCLE_PROCESS		-1.3	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_ADAPTATION		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_GENERATION_OF_PRECURSOR_METABOLITES_AND_ENERGY		-1.3	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AXONOGENESIS		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DIGESTIVE_SYSTEM_PROCESS		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_IMPORT_INTO_NUCLEUS		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_GENOME_MAINTENANCE		-1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NERVOUS_SYSTEM_DEVELOPMENT		-1.3	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_MIGRATION		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACYL_COA_METABOLIC_PROCESS		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEROID_BIOSYNTHETIC_PROCESS		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_FORMATION_OF_EXTRACHROMOSOMAL_CIRCULAR_DNA		-1.3	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	GOBP_MONOCYTE_DIFFERENTIATION		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_SYNAPSE		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_4		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_NUCLEAR_BODY_ORGANIZATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_MEMBRANE_ASSEMBLY		-1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_AMEBOIDAL_TYPE_CELL_MIGRATION		-1.3	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CYCLE		-1.3	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_LYSOSOME		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_CEREBRAL_CORTEX_RADIALY_ORIENTED_CELL_MIGRATION		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_RENAL_TUBULE_DEVELOPMENT		-1.3	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_FATE_COMMITMENT		-1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_MUSCLE_TISSUE_DEVELOPMENT		-1.3	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CALCIIUM_ION		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_NEURON_REMODELING		-1.3	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	GOBP_3_UTR_MEDIATED_MRNA_STABILIZATION		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_SKELETAL_MUSCLE_CELL_DIFFERENTIATION		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_FEMALE_SEX_DIFFERENTIATION		-1.3	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_FOREGUT_MORPHOGENESIS		-1.3	1.7E-01	4.6E-01	3.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUROGENESIS		-1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_PROTEIN_K63_LINKED_UBIQUITINATION		-1.3	1.0E-01	3.4E-01	2.8E-01

NecD vs CTRL	GOBP_RESPONSE_TO_ANTIBIOTIC		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_STABILIZATION_OF_MEMBRANE_POTENTIAL		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_RHO_PROTEIN_SIGNAL_TRANSDUCTION		-1.3	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_VIRAL_GENOME_REPLICATION		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYTOSOLIC_CALCIUM_ION_CONCENTRATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_EXTENSION		-1.3	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_EMBRYONIC_HEART_TUBE_MORPHOGENESIS		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SODIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_HEPARIN_METABOLIC_PROCESS		-1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MESENCHYMAL_CELL_PROLIFERATION		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_TRIPEPTIDE_TRANSMEMBRANE_TRANSPORT		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYOBlast_DIFFERENTIATION		-1.3	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_ORGANIZATION		-1.3	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_MAINTENANCE_OF_PROTEIN_LOCALIZATION_IN_ORGANELLE		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_CYSSTEINE_TYPE_ENDOPEPTIDASE_ACTIVITY_INVOLVED_IN_APOPTOTIC_PROCESS		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_LAMELLIPODIUM_MORPHOGENESIS		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_ASYMMETRIC_CELL_DIVISION		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_TUBE_FORMATION		-1.3	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_SUPPRESSION_OF_VIRAL_RELEASE_BY_HOST		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_NUCLEOBASE_METABOLIC_PROCESS		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_SECONDARY_HEART_FIELD_SPECIFICATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_VACUOLE_ORGANIZATION		-1.3	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_ACID_CHEMICAL		-1.3	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ASTROCYTE_DIFFERENTIATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_ALCOHOL_METABOLIC_PROCESS		-1.3	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_LIPOPROTEIN_METABOLIC_PROCESS		-1.3	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_NEUROMUSCULAR_PROCESS		-1.3	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_APOPTOTIC_PROCESS_INVOLVED_IN_DEVELOPMENT		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_NUCLEAR_PORE_ORGANIZATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOPHAGY		-1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVITY		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELLULAR_RESPONSE_TO_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_STIMULUS		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_INOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS		-1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_MICROTUBULE_ANCHORING_AT_MICROTUBULE_ORGANIZING_CENTER		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_VITAMIN_D_RECEPTOR_SIGNALING_PATHWAY		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ACID_CHEMICAL		-1.3	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_POLYUBIQUITINATION		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_SIGNALING_RECEPTOR_LIGAND_PRECURSOR_PROCESSING		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_INTERNEURON_MIGRATION		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_CATABOLIC_PROCESS_IN_THE_VACUOLE		-1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	GOBP_EMBRYONIC_SKELETAL_JOINT_DEVELOPMENT		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_RETINAL_CONE_CELL_DEVELOPMENT		-1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_GLAND_DEVELOPMENT		-1.3	9.8E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MITOTIC_CELL_CYCLE_PHASE_TRANSITION		-1.3	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYElinATION		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MICROTUBULE_POLYMERIZATION_OR_DEPOLYMERIZATION		-1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_EPITHELIAL_TUBE_MORPHOGENESIS		-1.3	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY		-1.3	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_OSTEOBLAST_DIFFERENTIATION		-1.3	3.0E-02	1.6E-01	1.3E-01

NecD vs CTRL	GOBP_CARDIAC_ATRIUM_MORPHOGENESIS		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_LIPID_DIGESTION		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_BRANCHING_INVOLVED_IN_URETERIC_BUD_MORPHOGENESIS		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DEVELOPMENT		-1.3	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYELOID_CELL_APOPTOTIC_PROCESS		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_AORTA_MORPHOGENESIS		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_SENSORY_SYSTEM_DEVELOPMENT		-1.3	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CANONICAL_WNT_SIGNALING_PATHWAY		-1.3	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_BONE_MATURATION		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AMYLOID_PRECURSOR_PROTEIN_CATABOLIC_PROCESS		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_HEPARIN_BIOSYNTHETIC_PROCESS		-1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	GOBP_EMBRYONIC_ORGAN_DEVELOPMENT		-1.3	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_PROTEIN_DEACETYLATION		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_NEUTROPHIL_DIFFERENTIATION		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_COLLAGEN_ACTIVATED_SIGNALING_PATHWAY		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_DIFFERENTIATION		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_DNA_REPAIR		-1.3	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_MUSCLE_ATROPHY		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_SUPRAMOLECULAR_FIBER_ORGANIZATION		-1.3	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_LOCALIZATION_TO_CILIUM		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_RENAL_SYSTEM_DEVELOPMENT		-1.3	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OSTEObLAST_DIFFERENTIATION		-1.3	9.4E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_SCHWANN_CELL_DIFFERENTIATION		-1.3	9.4E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_VOLTAGE_GATED_CALCIIUM_CHANNEL_ACTIVITY		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_KIDNEY_MESENCHYME_DEVELOPMENT		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_DIGESTIVE_SYSTEM_DEVELOPMENT		-1.3	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_SMOOTH_MUSCLE_CELL_DIFFERENTIATION		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LIPOPROTEIN_PARTICLE_CLEARANCE		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_ISOPRENOID_BIOSYNTHETIC_PROCESS		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_OVULATION_CYCLE		-1.3	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_DIPHOSPHATE_METABOLIC_PROCESS		-1.3	6.5E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP TRABECULA FORMATION		-1.3	1.3E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_WNT_SIGNALING_PATHWAY		-1.3	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_ACTIVATION_OF_GTPASE_ACTIVITY		-1.3	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STRIATED_MUSCLE_CELL_DIFFERENTIATION		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_FAT_CELL_DIFFERENTIATION		-1.3	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_DORSAL_VENTRAL_AXIS_SPECIFICATION		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURAL_PRECURSOR_CELL_PROLIFERATION		-1.3	1.2E-01	3.7E-01	3.1E-01
NecD vs CTRL	GOBP_MORPHOGENESIS_OF_A_BRANCHING_STRUCTURE		-1.3	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_ACTIVIN_RECEPTOR_SIGNALING_PATHWAY		-1.3	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TRANSMEMBRANE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY		-1.3	4.8E-02	2.1E-01	1.8E-01
NecD vs CTRL	GOBP_PROTEIN_K48_LINKED_UBIQUITINATION		-1.3	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_MODULATION_OF_EXCITATORY_POSTSYNAPTIC_POTENTIAL		-1.3	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_ENDOTHELIN_RECEPTOR_SIGNALING_PATHWAY		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_GLYCEROLIPID_CATABOLIC_PROCESS		-1.3	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CYTOSKELETON_ORGANIZATION		-1.3	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CARTILAGE_DEVELOPMENT		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_PROXIMAL_DISTAL_PATTERN_FORMATION		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_PROJECTION_REGENERATION		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_OVARIAN_FOLLICLE_DEVELOPMENT		-1.3	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_LONG_CHAIN_FATTY_ACYL_COA_BIOSYNTHETIC_PROCESS		-1.3	1.5E-01	4.1E-01	3.4E-01

NecD vs CTRL	GOBP_TYPE_B_PANCREATIC_CELL_DIFFERENTIATION		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_PEPTIDYL_PROLINE_MODIFICATION		-1.3	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_ODONTOGENESIS_OF_DENTIN_CONTAINING_TOOTH		-1.3	7.0E-02	2.8E-01	2.2E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ANTIBIOTIC		-1.3	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_DETECTION_OF_LIGHT_STIMULUS_INVOLVED_IN_SENSORY_PERCEPTION		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_GLYCEROL_ETHER_METABOLIC_PROCESS		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MYTUBE_DIFFERENTIATION		-1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_STEM_CELL_DIFFERENTIATION		-1.3	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_ANTEROGRADE_AXONAL_TRANSPORT		-1.3	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORTER_ACTIVITY		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_PROGESTERONE_RECEPTOR_SIGNALING_PATHWAY		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	GOBP_SALIVARY_GLAND_DEVELOPMENT		-1.3	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_CELL_DIFFERENTIATION		-1.3	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARBOHYDRATE_CATABOLIC_PROCESS		-1.3	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_MAGNESIUM_ION		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_EMBRYONIC_CAMERA_TYPE_EYE_DEVELOPMENT		-1.3	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_CEREBELLAR_GRANULAR_LAYER_DEVELOPMENT		-1.3	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	GOBP_MYOBLAST_DIFFERENTIATION		-1.3	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_GROWTH_HORMONE_STIMULUS		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_CRANIAL_NERVE_DEVELOPMENT		-1.3	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_L_AMINO_ACID_TRANSPORT		-1.3	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_GLANDULAR_EPITHELIAL_CELL_DIFFERENTIATION		-1.3	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MACROPHAGE_DERIVED_FOAM_CELL_DIFFERENTIATION		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_STEROID_METABOLIC_PROCESS		-1.3	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_CENTRIOLE_REPLICATION		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_GAMMA_RADIATION		-1.3	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_ENDOTHELIAL_CELL_CHEMOTAXIS		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_ENDOCHONDRAL_BONE_MORPHOGENESIS		-1.3	8.1E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_RETINA_VASCULATURE_DEVELOPMENT_IN_CAMERA_TYPE_EYE		-1.3	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_DEVELOPMENT		-1.3	1.7E-02	1.1E-01	9.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_STEM_CELL_DIVISION		-1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HEART_GROWTH		-1.3	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_CHONDROCYTE_DIFFERENTIATION		-1.3	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_URETER_DEVELOPMENT		-1.3	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_EPIGENETIC_REGULATION_OF_GENE_EXPRESSION		-1.3	1.8E-02	1.2E-01	9.4E-02
NecD vs CTRL	GOBP_CENTRIOLE_ASSEMBLY		-1.3	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOLIPASE_ACTIVITY		-1.3	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_ODONTOGENESIS_OF_DENTIN_CONTAINING_TOOTH		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ORGANELLE_ASSEMBLY		-1.3	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_GASTRULATION_WITH_MOUTH_FORMING_SECOND		-1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_CARDIOCYTE_DIFFERENTIATION		-1.3	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_ENDOTHELIAL_INTESTINAL_BARRIER		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_MIRNA_METABOLIC_PROCESS		-1.3	6.2E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_AUTOPHAGOSOME_ASSEMBLY		-1.3	8.2E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_CARDIOLIPIN_METABOLIC_PROCESS		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MIRNA_METABOLIC_PROCESS		-1.3	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_NOTCH_SIGNALING_PATHWAY		-1.3	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEUROTRANSMITTER_RECEPTOR_LOCALIZATION_TO_POSTSYNAPTIC_SPECIALIZATION_MEMBRANE		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	GOBP_DESMOSOME_ORGANIZATION		-1.3	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_EPITHELIAL_CELL_PROLIFERATION_INVOLVED_IN_PROSTATE_GLAND_DEVELOPMENT		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	GOBP_CENTRAL_NERVOUS_SYSTEM_PROJECTION_NEURON_AXONOGENESIS		-1.3	9.6E-02	3.3E-01	2.7E-01

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_HYDROLASE_ACTIVITY		-1.3	4.9E-03	5.3E-02	4.3E-02
NecD vs CTRL	GOBP_CARDIAC_LEFT_VENTRICLE_MORPHOGENESIS		-1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_INTESTINAL_CHOLESTEROL_ABSORPTION		-1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_CELL_JUNCTION_ASSEMBLY		-1.3	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_REPLACEMENT_OSSIFICATION		-1.3	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_ENDOCRINE_SYSTEM_DEVELOPMENT		-1.3	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_FOREBRAIN_DEVELOPMENT		-1.4	8.1E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_SULFUR_AMINO_ACID_METABOLIC_PROCESS		-1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_DERMATAN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_VITAMIN_TRANSPORT		-1.4	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_CARDIAC_CELL_DEVELOPMENT		-1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_MESENCHYMAL_CELL_PROLIFERATION		-1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_CALMODULIN_DEPENDENT_KINASE_SIGNALING_PATHWAY		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_LABYRINTHINE_LAYER_MORPHOGENESIS		-1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_GLYCOSPHINGOLIPID_METABOLIC_PROCESS		-1.4	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEURAL_TUBE_DEVELOPMENT		-1.4	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_OSTEOBLAST_DEVELOPMENT		-1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_CYTOPLASMIC_MICROTUBULE_ORGANIZATION		-1.4	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MICROTUBULE_POLYMERIZATION_OR_DEPOLYMERIZATION		-1.4	6.5E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MITOTIC_CELL_CYCLE		-1.4	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_MAGNESIUM_ION_HOMEOSTASIS		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_AORTIC_VALVE_MORPHOGENESIS		-1.4	7.5E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_CELL_MIGRATION_INVOLVED_IN_HEART_DEVELOPMENT		-1.4	1.3E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_DEPOLARIZATION		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_VITAMIN_TRANSMEMBRANE_TRANSPORT		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_TUBULAR_NETWORK_ORGANIZATION		-1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_INTESTINAL_LIPID_ABSORPTION		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYCLASE_ACTIVITY		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_MUSCLE_HYPERTROPHY		-1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_IRON_COORDINATION_ENTITY_TRANSPORT		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_MITOCHONDRION		-1.4	7.9E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_EMBRYONIC_SKELETAL_JOINT_MORPHOGENESIS		-1.4	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	GOBP_LOCOMOTORY_EXPLORATION_BEHAVIOR		-1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_LYSOSOMAL_TRANSPORT		-1.4	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_GROWTH		-1.4	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_RECEPTOR_RECYCLING		-1.4	7.9E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_ENDOCARDIAL_CUSHION_MORPHOGENESIS		-1.4	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_DENSITY_PROTEIN_95_CLUSTERING		-1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	GOBP_LIPOSACCHARIDE_METABOLIC_PROCESS		-1.4	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRANSMEMBRANE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY		-1.4	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION		-1.4	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_INTRACELLULAR_LIPID_TRANSPORT		-1.4	7.3E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_TRNA_TRANSCRIPTION		-1.4	1.3E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_PYRIDINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS		-1.4	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_NEUROMUSCULAR_SYNAPTIC_TRANSMISSION		-1.4	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_N_GLYCAN_PROCESSING		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_TELOMERIC_LOOP_DISASSEMBLY		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYSOSOMAL_LUMEN_PH		-1.4	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_COENZYME_A_BIOSYNTHETIC_PROCESS		-1.4	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	GOBP_SEMI_LUNAR_VALVE_DEVELOPMENT		-1.4	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FAT_CELL_DIFFERENTIATION		-1.4	6.7E-02	2.7E-01	2.2E-01

NecD vs CTRL	GOBP_REGULATION_OF_BIOMINERAL_TISSUE_DEVELOPMENT		-1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_NON_PROTEINOGENIC_AMINO_ACID_METABOLIC_PROCESS		-1.4	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_CYCLIC_NUCLEOTIDE_CATABOLIC_PROCESS		-1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSMEMBRANE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY		-1.4	1.2E-02	9.2E-02	7.5E-02
NecD vs CTRL	GOBP_LATERAL_MESODERM_DEVELOPMENT		-1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_ACIDIC_AMINO_ACID_TRANSPORT		-1.4	6.5E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOLIPASE_C_ACTIVITY		-1.4	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_PERIPHERAL_NERVOUS_SYSTEM_AXON_ENSHEATHMENT		-1.4	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_HEART TRABECULA FORMATION		-1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_CENTROSOME_DUPLICATION		-1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_NOTOCHORD_DEVELOPMENT		-1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CARDIAC_MUSCLE_TISSUE_GROWTH		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GROWTH		-1.4	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_SLEEP		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_CYSTEINE_METABOLIC_PROCESS		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_HEART_GROWTH		-1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_ER_NUCLEUS_SIGNALING_PATHWAY		-1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_VACUOLAR_TRANSPORT		-1.4	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_AMINO_ACID_BIOSYNTHETIC_PROCESS		-1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_WNT_SIGNALING_PATHWAY		-1.4	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_SULFUR_COMPOUND_BIOSYNTHETIC_PROCESS		-1.4	2.5E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_HYPEROSMOTIC_SALINITY_RESPONSE		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_BONE_MINERALIZATION		-1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_SMOOTH_MUSCLE_CELL_APOPTOTIC_PROCESS		-1.4	8.2E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_GLYCEROLIPID_METABOLIC_PROCESS		-1.4	3.7E-03	4.5E-02	3.7E-02
NecD vs CTRL	GOBP_DEVELOPMENT_OF_PRIMARY_FEMALE_SEXUAL_CHARACTERISTICS		-1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPSE_ORGANIZATION		-1.4	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ATTACHMENT_OF_SPINDLE_MICROTUBULES_TO_KINETOCHORE		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_PROTEIN_LOCALIZATION_TO_VACUOLE		-1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_CELL_POLARITY		-1.4	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_EMBRYONIC_EYE_MORPHOGENESIS		-1.4	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEURON_MIGRATION		-1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_ENGULFMENT_OF_APOPTOTIC_CELL		-1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_VITAMIN_D_RECEPTOR_SIGNALING_PATHWAY		-1.4	1.2E-01	3.7E-01	3.1E-01
NecD vs CTRL	GOBP_FACE_MORPHOGENESIS		-1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_VENTRICULAR TRABECULA MYOCARDIUM MORPHOGENESIS		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_AXO_DENDRITIC_TRANSPORT		-1.4	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_CEREBRAL_CORTEX_DEVELOPMENT		-1.4	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_DIPHOSPHATE_CATABOLIC_PROCESS		-1.4	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_NEURON_APOPTOTIC_PROCESS		-1.4	9.0E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_G_PROTEIN_COUPLED_ACETYLCHOLINE_RECEPTOR_SIGNALING_PATHWAY		-1.4	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_ATP_METABOLIC_PROCESS		-1.4	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CANONICAL_WNT_SIGNALING_PATHWAY		-1.4	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OSTEOLAST_DIFFERENTIATION		-1.4	5.4E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NERVOUS_SYSTEM_DEVELOPMENT		-1.4	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_NADP_METABOLIC_PROCESS		-1.4	6.6E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_MITOTIC_INTRA_S_DNA_DAMAGE_CHECKPOINT_SIGNALING		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CYCLASE_ACTIVITY		-1.4	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SYNAPSE_ORGANIZATION		-1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_VACUOLE_ORGANIZATION		-1.4	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MYELOID_LEUKOCYTE_DIFFERENTIATION		-1.4	6.8E-02	2.7E-01	2.2E-01

NecD vs CTRL	GOBP_PROTEIN_K27_LINKED_UBIQUITINATION		-1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	GOBP_RESPONSE_TO_X_RAY		-1.4	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING		-1.4	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE_SLEEP		-1.4	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_RHO_PROTEIN_SIGNAL_TRANSDUCTION		-1.4	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_HINDBRAIN_DEVELOPMENT		-1.4	2.5E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_SULFUR_COMPOUND_METABOLIC_PROCESS		-1.4	7.2E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_TISSUE_DEVELOPMENT		-1.4	8.2E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BIOMINERAL_TISSUE_DEVELOPMENT		-1.4	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MYOBLAST_DIFFERENTIATION		-1.4	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY		-1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MUSCLE_CELL_APOPTOTIC_PROCESS		-1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLIAL_CELL_DIFFERENTIATION		-1.4	8.2E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_VENTRAL_SPINAL_CORD_INTERNEURON_DIFFERENTIATION		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CYCLIN_DEPENDENT_PROTEIN_SERINE_THREONINE_KINASE_ACTIVITY		-1.4	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_EYE_PHOTORECEPTOR_CELL_DEVELOPMENT		-1.4	7.1E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_EPIGENETIC_PROGRAMMING_OF_GENE_EXPRESSION		-1.4	6.6E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHROMATIN_ORGANIZATION		-1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_DNA_TEMPLATED_TRANSCRIPTION_INITIATION		-1.4	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_EMBRYONIC_ORGAN_MORPHOGENESIS		-1.4	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_POSTSYNAPSE_ORGANIZATION		-1.4	1.3E-02	9.4E-02	7.6E-02
NecD vs CTRL	GOBP_MESONEPHRIC_TUBULE_MORPHOGENESIS		-1.4	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_ESTABLISHMENT_OF_BLOOD_BRAIN_BARRIER		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_CIRCADIAN_SLEEP_WAKE_CYCLE		-1.4	8.4E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURON_PROJECTION_DEVELOPMENT		-1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_VITAMIN_D_METABOLIC_PROCESS		-1.4	9.3E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_WNT_SIGNALING_PATHWAY		-1.4	2.4E-03	3.5E-02	2.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_HIPPO_SIGNALING		-1.4	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_LYASE_ACTIVITY		-1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_NEUROMUSCULAR_PROCESS_CONTROLLING_BALANCE		-1.4	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_4_HYDROXYPROLINE_METABOLIC_PROCESS		-1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PROTEIN_IMPORT_INTO_NUCLEUS		-1.4	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_GOLGI_TO_VACUOLE_TRANSPORT		-1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_SULFUR_AMINO_ACID_CATABOLIC_PROCESS		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_DNA_MODIFICATION		-1.4	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_DEACETYLATION		-1.4	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_PURINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS		-1.4	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_TELENCEPHALON_GLIAL_CELL_MIGRATION		-1.4	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_RHYTHMIC_PROCESS		-1.4	3.6E-03	4.5E-02	3.6E-02
NecD vs CTRL	GOBP_ENTRAINMENT_OF_CIRCADIAN_CLOCK		-1.4	7.6E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_KIDNEY_DEVELOPMENT		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_B_CELL_HOMEOSTASIS		-1.4	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_BONE_MORPHOGENESIS		-1.4	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MRNA_CATABOLIC_PROCESS		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_FILOPODIUM_ASSEMBLY		-1.4	3.9E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_MACROPHAGE_COLONY_STIMULATING_FACTOR_STIMULUS		-1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_LYASE_ACTIVITY		-1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_NUCLEOLAR_CHROMATIN_ORGANIZATION		-1.4	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	GOBP_HEMATOPOIETIC_PROGENITOR_CELL_DIFFERENTIATION		-1.4	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_NEURON_MATURATION		-1.4	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_EPITHELIAL_CELL_DIFFERENTIATION		-1.4	8.4E-02	3.1E-01	2.5E-01

NecD vs CTRL	GOBP_OUTFLOW_TRACT_SEPTUM_MORPHOGENESIS		-1.4	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_TRANSPORT		-1.4	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_BODY_MORPHOGENESIS		-1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_DENSITY_ORGANIZATION		-1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_EXTRACELLULAR_MATRIX_ASSEMBLY		-1.4	8.1E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_LIPID_IMPORT_INTO_CELL		-1.4	7.9E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_GLUCOSE_6_PHOSPHATE_METABOLIC_PROCESS		-1.4	7.0E-02	2.8E-01	2.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AMINE_TRANSPORT		-1.4	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_AMYLOID_BETA_CLEARANCE		-1.4	8.1E-02	3.0E-01	2.4E-01
NecD vs CTRL	GOBP_ENSHEATHMENT_OF_NEURONS		-1.4	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS		-1.4	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_MESENCHYMAL_CELL_APOPTOTIC_PROCESS		-1.4	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOTHELIAL_CELL_CHEMOTAXIS		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE		-1.4	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELLULAR_RESPONSE_TO_VASCULAR_ENDOTHELIAL_GROWTH_FACTOR_STIMULUS		-1.4	6.5E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ADIPOSE_TISSUE_DEVELOPMENT		-1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_SUCKLING_BEHAVIOR		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_PHYSIOLOGICAL_CARDIAC_MUSCLE_HYPERTROPHY		-1.4	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_NEUROBLAST_DIVISION		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TELOMERE_MAINTENANCE_VIA_TELOMERE_LENGTHENING		-1.4	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-1.4	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MESENCHYMAL_CELL_PROLIFERATION		-1.4	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPSE_MATURATION		-1.4	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_CELL_CYCLE_G1_S_PHASE_TRANSITION		-1.4	9.1E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AXON_EXTENSION		-1.4	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_CARBOHYDRATE_DERIVATIVE_TRANSPORT		-1.4	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_FILOPODIUM_ASSEMBLY		-1.4	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_CERAMIDE_TRANSPORT		-1.4	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTHENED_SIGNALING_PATHWAY		-1.4	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_EYE_MORPHOGENESIS		-1.4	1.4E-02	9.9E-02	8.1E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OSSIFICATION		-1.4	5.1E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ATP_DEPENDENT_ACTIVITY		-1.4	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION		-1.4	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_FATTY_ACID_DERIVATIVE_METABOLIC_PROCESS		-1.4	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_EXOCRINE_SYSTEM_DEVELOPMENT		-1.4	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_BMP_SIGNALING_PATHWAY		-1.4	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_NODAL_SIGNALING_PATHWAY		-1.4	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_ALCOHOL_BIOSYNTHETIC_PROCESS		-1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_EAR_DEVELOPMENT		-1.4	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_AXONAL_TRANSPORT		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_DORSAL_AORTA_DEVELOPMENT		-1.4	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_EXCISION_REPAIR		-1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CARBOHYDRATE_METABOLIC_PROCESS		-1.4	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GENE_EXPRESSION_VIA_CHROMOSOMAL_CPG_ISLAND_DEMETHYLATION		-1.4	9.1E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_LYTIC_VACUOLE_ORGANIZATION		-1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_RETROGRADE_AXONAL_TRANSPORT		-1.4	6.6E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_RESPONSE_TO_NERVE_GROWTH_FACTOR		-1.4	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVITY		-1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_VENTRICULAR_SEPTUM_MORPHOGENESIS		-1.4	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ACUTE_INFLAMMATORY_RESPONSE		-1.4	9.9E-02	3.4E-01	2.7E-01
NecD vs CTRL	GOBP_MEMBRANE_LIPID_BIOSYNTHETIC_PROCESS		-1.4	1.2E-02	8.8E-02	7.2E-02

NecD vs CTRL	GOBP_THYROID_GLAND_DEVELOPMENT		-1.4	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS		-1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_PERIPHERAL_NERVOUS_SYSTEM_DEVELOPMENT		-1.4	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_PHOTORECEPTOR_CELL_DEVELOPMENT		-1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_MIRNA_TRANSCRIPTION		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_T_CELL_DIFFERENTIATION_IN_THYMUS		-1.4	6.1E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MUSCLE_CELL_DIFFERENTIATION		-1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_ENDOCARDIAL_CUSHION_FORMATION		-1.4	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITE_MORPHOGENESIS		-1.4	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_DEVELOPMENT		-1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_TELENCEPHALON_DEVELOPMENT		-1.4	4.2E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_CELL_SURFACE_RECEPTOR_PROTEIN_SERINE_THREONINE_KINASE_SIGNALING_PATHWAY		-1.4	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	GOBP_PURINE_NUCLEOTIDE_TRANSPORT		-1.4	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_EMBRYONIC_DIGIT_MORPHOGENESIS		-1.4	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_OLIGOSACCHARIDE_METABOLIC_PROCESS		-1.4	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_AMMONIUM_ION_METABOLIC_PROCESS		-1.4	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TORC1_SIGNALING		-1.4	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_OSSIFICATION		-1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_CENTRAL_NERVOUS_SYSTEM_NEURON_DIFFERENTIATION		-1.4	1.4E-02	9.8E-02	8.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_SKELETAL_MUSCLE_CELL_DIFFERENTIATION		-1.4	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_HEART_FORMATION		-1.4	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_ARTERY_DEVELOPMENT		-1.4	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_BASE_EXCISION_REPAIR_AP_SITE_FORMATION		-1.4	9.3E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_UV_DAMAGE_EXCISION_REPAIR		-1.4	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_THIOESTER_BIOSYNTHETIC_PROCESS		-1.4	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_SECRETORY_GRANULE_ORGANIZATION		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROGENESIS		-1.4	1.7E-03	2.7E-02	2.2E-02
NecD vs CTRL	GOBP_COENZYME_A_METABOLIC_PROCESS		-1.4	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_PYRIMIDINE_CONTAINING_COMPOUND_METABOLIC_PROCESS		-1.4	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_CANONICAL_WNT_SIGNALING_PATHWAY		-1.4	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY		-1.4	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	GOBP_SERINE_FAMILY_AMINO_ACID_METABOLIC_PROCESS		-1.4	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_AMACRINE_CELL_DIFFERENTIATION		-1.4	9.0E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_SULFUR_AMINO_ACID_BIOSYNTHETIC_PROCESS		-1.4	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEOTIDE_CATABOLIC_PROCESS		-1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_SENSORY_ORGAN_MORPHOGENESIS		-1.4	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_ANTERIOR_POSTERIOR_PATTERN_SPECIFICATION		-1.4	4.5E-03	5.1E-02	4.1E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CILIUM_ASSEMBLY		-1.4	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_EXTRACELLULAR_MATRIX_ORGANIZATION		-1.4	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY		-1.4	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_REGULATION_OF_MITOCHONDRIAL_MEMBRANE_POTENTIAL		-1.4	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CELL_CYCLE_G1_S_PHASE_TRANSITION		-1.4	9.4E-03	7.9E-02	6.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_NERVOUS_SYSTEM_PROCESS		-1.4	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_PROTEIN_K29_LINKED_UBIQUITINATION		-1.4	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEROID_METABOLIC_PROCESS		-1.4	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_MESENCHYME_MORPHOGENESIS		-1.4	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_BMP_SIGNALING_PATHWAY		-1.4	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_STEROID_BIOSYNTHETIC_PROCESS		-1.4	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_BLOOD_VESSEL_ENDOTHELIAL_CELL_MIGRATION		-1.4	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_ORGAN_GROWTH		-1.4	1.0E-02	8.2E-02	6.7E-02
NecD vs CTRL	GOBP_ARTERY_MORPHOGENESIS		-1.4	3.3E-02	1.7E-01	1.4E-01

NecD vs CTRL	GOBP_EYELID_DEVELOPMENT_IN_CAMERA_TYPE_EYE		-1.4	8.3E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURON_MIGRATION		-1.4	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	GOBP_WHITE_FAT_CELL_DIFFERENTIATION		-1.4	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_CIRCADIAN_RHYTHM		-1.4	7.2E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_SISTER_CHROMATID_COHESION		-1.4	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLGlycerol_BIOSYNTHETIC_PROCESS		-1.4	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_HETEROCHROMATIN_FORMATION		-1.4	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_OSSIFICATION		-1.4	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_CELL_FATE_DETERMINATION		-1.4	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLINOSITOL_MEDIATED_SIGNALING		-1.5	5.0E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CELL_MORPHOGENESIS		-1.5	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GTPASE_ACTIVITY		-1.5	6.0E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_DEVELOPMENT		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_FACULTATIVE_HETEROCHROMATIN_FORMATION		-1.5	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_NEURON_PROJECTION_GUIDANCE		-1.5	3.2E-03	4.1E-02	3.3E-02
NecD vs CTRL	GOBP_NERVE_DEVELOPMENT		-1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSLATIONAL_ELONGATION		-1.5	8.2E-02	3.0E-01	2.5E-01
NecD vs CTRL	GOBP_SKELETAL_SYSTEM_MORPHOGENESIS		-1.5	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_SPINAL_CORD_PATTERNING		-1.5	6.2E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_GLIAL_CELL_MIGRATION		-1.5	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_ACETYL_COA_METABOLIC_PROCESS		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ENDOPLASMIC_RETICULUM_UNFOLDED_PROTEIN_RESPONSE		-1.5	7.3E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_EMBRYONIC_DIGESTIVE_TRACT_DEVELOPMENT		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_CANONICAL_WNT_SIGNALING_PATHWAY		-1.5	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_INOSITOL_PHOSPHATE_METABOLIC_PROCESS		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_LIPID_HOMEOSTASIS		-1.5	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	GOBP_MIDDLE_EAR_MORPHOGENESIS		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP TRABECULA_MORPHOGENESIS		-1.5	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_MITOCHONDRIAL_PROTEIN_PROCESSING		-1.5	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_L_ALPHA_AMINO_ACID_TRANSMEMBRANE_TRANSPORT		-1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_PROTEOGLYCAN_METABOLIC_PROCESS		-1.5	1.5E-02	1.1E-01	8.6E-02
NecD vs CTRL	GOBP_NUCLEOSIDE_PHOSPHATE_CATABOLIC_PROCESS		-1.5	1.1E-02	8.4E-02	6.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNAPSE_ASSEMBLY		-1.5	2.3E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_NERVOUS_SYSTEM_DEVELOPMENT		-1.5	5.4E-04	1.2E-02	1.0E-02
NecD vs CTRL	GOBP_EYE_PHOTORECEPTOR_CELL_DIFFERENTIATION		-1.5	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_CELLULAR_MODIFIED_AMINO_ACID_BIOSYNTHETIC_PROCESS		-1.5	3.4E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_PATTERN_SPECIFICATION_PROCESS		-1.5	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	GOBP_TONGUE_MORPHOGENESIS		-1.5	7.5E-02	2.9E-01	2.3E-01
NecD vs CTRL	GOBP_PULMONARY_VALVE_MORPHOGENESIS		-1.5	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_CEREBRAL_CORTEX_CELL_MIGRATION		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_HIGH_DENSITY_LIPOPROTEIN_PARTICLE_CLEARANCE		-1.5	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MIRNA_METABOLIC_PROCESS		-1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_DENTATE_GYRUS_DEVELOPMENT		-1.5	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_INOSITOL_PHOSPHATE_BIOSYNTHETIC_PROCESS		-1.5	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY		-1.5	7.6E-02	2.9E-01	2.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_CYCLE_G1_S_PHASE_TRANSITION		-1.5	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_PULMONARY_VALVE_DEVELOPMENT		-1.5	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_CATABOLIC_PROCESS_DEADENYLATION_DEPENDENT_DECAY		-1.5	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_SPHINGOLIPID_BIOSYNTHETIC_PROCESS		-1.5	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_CELL_CYCLE_DNA_REPLICATION		-1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MUSCLE_TISSUE_DEVELOPMENT		-1.5	4.2E-02	2.0E-01	1.6E-01

NecD vs CTRL	GOBP_PHAGOCYTOSIS_ENGULFMENT		-1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_CELL_FATE_COMMITMENT_INVOLVED_IN_PATTERN_SPECIFICATION		-1.5	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RAS_PROTEIN_SIGNAL_TRANSDUCTION		-1.5	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_ORGANOPHOSPHATE_CATABOLIC_PROCESS		-1.5	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_NUCLEOSIDE_BISPHOSPHATE_BIOSYNTHETIC_PROCESS		-1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GLIOGENESIS		-1.5	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_ACYL_COA_METABOLIC_PROCESS		-1.5	1.3E-02	9.6E-02	7.9E-02
NecD vs CTRL	GOBP_EPITHELIAL_CELL_FATE_COMMITMENT		-1.5	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_NORADRENERGIC_NEURON_DIFFERENTIATION		-1.5	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_TRIGLYCERIDE_RICH_LIPOPROTEIN_PARTICLE_REMODELING		-1.5	6.4E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLETHANOLAMINE_ACYL_CHAIN_REMODELING		-1.5	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE		-1.5	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_AXONOGENESIS		-1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_FATTY_ACID_DERIVATIVE_BIOSYNTHETIC_PROCESS		-1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_IMMUNE_SYSTEM_DEVELOPMENT		-1.5	3.4E-03	4.3E-02	3.5E-02
NecD vs CTRL	GOBP_HETEROPHILIC_CELL_CELL_ADHESION_VIA_PLASMA_MEMBRANE_CELL_ADHESION_MOLECULES		-1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_L_ASPARTATE_TRANSMEMBRANE_TRANSPORT		-1.5	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION		-1.5	1.5E-04	5.6E-03	4.5E-03
NecD vs CTRL	GOBP_PHOTORECEPTOR_CELL_OUTER_SEGMENT_ORGANIZATION		-1.5	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_INTESTINAL_LIPID_ABSORPTION		-1.5	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	GOBP_LAYER_FORMATION_IN_CEREBRAL_CORTEX		-1.5	6.6E-02	2.6E-01	2.2E-01
NecD vs CTRL	GOBP_POST_EMBRYONIC_DEVELOPMENT		-1.5	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_OXIDATIVE_STRESS		-1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MESENCHYMAL_CELL_APOPTOTIC_PROCESS		-1.5	6.8E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_EMBRYONIC_DEVELOPMENT		-1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_MYELIN_ASSEMBLY		-1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MIRNA_TRANSCRIPTION		-1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEUROBLAST_PROLIFERATION		-1.5	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_DETERMINATION_OF_ADULT_LIFESPAN		-1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_DEVELOPMENTAL_GROWTH		-1.5	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_GLYCOLIPID_BIOSYNTHETIC_PROCESS		-1.5	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_AORTA_DEVELOPMENT		-1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_SOMATIC_STEM_CELL_POPULATION_MAINTENANCE		-1.5	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	GOBP_HEPATOCYTE_APOPTOTIC_PROCESS		-1.5	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_ATRIOVENTRICULAR_VALVE_DEVELOPMENT		-1.5	4.2E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_TRANSPORT		-1.5	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ORGANELLE_ASSEMBLY		-1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_STIMULUS		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_SIALYLATION		-1.5	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_APOPTOTIC_PROCESS_INVOLVED_IN_MORPHOGENESIS		-1.5	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_RESPONSE_TO_BMP		-1.5	3.9E-03	4.7E-02	3.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_OSTEObLAST_DIFFERENTIATION		-1.5	1.1E-02	8.5E-02	6.9E-02
NecD vs CTRL	GOBP_GABAERGIC_NEURON_DIFFERENTIATION		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_CORONARY_VASCULATURE_MORPHOGENESIS		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_MYObLAST_MIGRATION		-1.5	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_NEURONAL_ACTION_POTENTIAL		-1.5	3.9E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_NUCLEOSIDE_BISPHOSPHATE_METABOLIC_PROCESS		-1.5	9.3E-03	7.8E-02	6.4E-02
NecD vs CTRL	GOBP_OPTIC_NERVE_DEVELOPMENT		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_CELL_FATE_COMMITMENT		-1.5	7.6E-04	1.6E-02	1.3E-02
NecD vs CTRL	GOBP_CELL_AGGREGATION		-1.5	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_PRESYNAPTIC_MEMBRANE_POTENTIAL		-1.5	4.2E-02	2.0E-01	1.6E-01

NecD vs CTRL	GOBP_PHARYNGEAL_SYSTEM_DEVELOPMENT		-1.5	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLGLYCEROL_METABOLIC_PROCESS		-1.5	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURON_APOPTOTIC_PROCESS		-1.5	4.3E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_GLUTAMATERGIC_NEURON_DIFFERENTIATION		-1.5	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	GOBP_CELLULAR_LIPID_BIOSYNTHETIC_PROCESS		-1.5	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_AMINO_ACID_IMPORT_ACROSS_PLASMA_MEMBRANE		-1.5	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEM_CELL_DIFFERENTIATION		-1.5	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_OUTFLOW_TRACT_MORPHOGENESIS		-1.5	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_CARDIAC_CHAMBER_MORPHOGENESIS		-1.5	7.8E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_FOAM_CELL_DIFFERENTIATION		-1.5	2.5E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_EMBRYONIC_APPENDAGE_MORPHOGENESIS		-1.5	9.1E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_INOSITOL_TRISPHOSPHATE_METABOLIC_PROCESS		-1.5	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_RESULTING_IN_TRANSCRIPTION		-1.5	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	GOBP_REGULATION_OF_RESTING_MEMBRANE_POTENTIAL		-1.5	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CARDIAC_MUSCLE_CELL_PROLIFERATION		-1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_CAMERA_TYPE_EYE_MORPHOGENESIS		-1.5	7.5E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_CELL_DIFFERENTIATION_IN_SPINAL_CORD		-1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_GLIAL_CELL_DEVELOPMENT		-1.5	1.6E-02	1.1E-01	8.9E-02
NecD vs CTRL	GOBP_MUSCLE_HYPERTROPHY_IN_RESPONSE_TO_STRESS		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_ROOF_OF_MOUTH_DEVELOPMENT		-1.5	1.3E-02	9.6E-02	7.8E-02
NecD vs CTRL	GOBP_HIPPOCAMPUS_DEVELOPMENT		-1.5	1.3E-02	9.5E-02	7.7E-02
NecD vs CTRL	GOBP_CARTILAGE_CONDENSATION		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_BONE_MINERALIZATION		-1.5	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_RECEPTOR_CLUSTERING		-1.5	1.1E-02	8.4E-02	6.9E-02
NecD vs CTRL	GOBP_ROSTROCAUDAL_NEURAL_TUBE_PATTERNING		-1.5	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_CARDIAC_VENTRICLE_DEVELOPMENT		-1.5	6.5E-03	6.4E-02	5.2E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MACROPHAGE_DERIVED_FOAM_CELL_DIFFERENTIATION		-1.5	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_DENSITY_ASSEMBLY		-1.5	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	GOBP_RESPONSE_TO_PROSTAGLANDIN		-1.5	3.9E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_AXONOGENESIS		-1.5	5.3E-03	5.6E-02	4.6E-02
NecD vs CTRL	GOBP_BRANCHED_CHAIN_AMINO_ACID_CATABOLIC_PROCESS		-1.5	3.7E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	GOBP_HEAD_MORPHOGENESIS		-1.5	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	GOBP_DNA_DAMAGE_RESPONSE_SIGNAL_TRANSDUCTION_BY_P53_CLASS_MEDIATOR_RESULTING_IN_CELL_CYCLE_ARREST		-1.5	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ALCOHOL_BIOSYNTHETIC_PROCESS		-1.5	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TELOMERE_MAINTENANCE_VIA_TELOMERASE		-1.5	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_ODONTOGENESIS		-1.5	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_VESICLE_EXOCYTOSIS		-1.5	1.4E-02	9.8E-02	8.0E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PARATHYROID_HORMONE_STIMULUS		-1.5	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	GOBP_CEREBRAL_CORTEX_NEURON_DIFFERENTIATION		-1.5	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_NUCLEOTIDE_EXCISION_REPAIR		-1.5	1.1E-02	8.8E-02	7.2E-02
NecD vs CTRL	GOBP_RETINA_HOMEOSTASIS		-1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_V_D_J_RECOMBINATION		-1.5	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_MUSCLE_CELL_DIFFERENTIATION		-1.5	1.7E-02	1.1E-01	9.3E-02
NecD vs CTRL	GOBP_SEX_CHROMOSOME_DOSAGE_COMPENSATION		-1.5	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_GLUTAMATE_RECEPTOR_SIGNALING_PATHWAY		-1.5	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_GLIAL_CELL_DIFFERENTIATION		-1.5	7.9E-04	1.6E-02	1.3E-02
NecD vs CTRL	GOBP_ANTIGEN_PROCESSING_AND_PRESENTATION_OF_PEPTIDE_ANTIGEN_VIA_MHC_CLASS_II		-1.5	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_HEART_FIELD_SPECIFICATION		-1.5	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_ANIMAL_ORGAN_FORMATION		-1.5	1.3E-02	9.6E-02	7.9E-02
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_APOPTOTIC_PROCESS		-1.5	8.1E-04	1.7E-02	1.4E-02

NecD vs CTRL	GOBP_CHONDROCYTE_DIFFERENTIATION_INVOLVED_IN_ENDOCHONDRAL_BONE_MORPHOGENESIS		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	GOBP_PALLIUM_DEVELOPMENT		-1.5	2.1E-03	3.1E-02	2.6E-02
NecD vs CTRL	GOBP_MAMMARY_GLAND_EPITHELIUM_DEVELOPMENT		-1.5	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_HEART_VALVE_DEVELOPMENT		-1.5	1.5E-02	1.1E-01	8.7E-02
NecD vs CTRL	GOBP_PHOTORECEPTOR_CELL_MAINTENANCE		-1.5	1.5E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_METABOLIC_PROCESS		-1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_DIFFERENTIATION		-1.5	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_RESPONSE_TO_AXON_INJURY		-1.5	1.1E-02	8.6E-02	7.0E-02
NecD vs CTRL	GOBP_POSTSYNAPTIC_SPECIALIZATION_ORGANIZATION		-1.5	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_GLYCOSPHINGOLIPID_BIOSYNTHETIC_PROCESS		-1.5	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_WALKING_BEHAVIOR		-1.5	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PLATELET_DERIVED_GROWTH_FACTOR_RECEPTOR_SIGNALING_PATHWAY		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-1.5	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	GOBP_CARDIAC_CHAMBER_DEVELOPMENT		-1.5	2.5E-03	3.5E-02	2.9E-02
NecD vs CTRL	GOBP_OLFACTORY_LOBE_DEVELOPMENT		-1.5	1.8E-02	1.2E-01	9.6E-02
NecD vs CTRL	GOBP_PURINE_CONTAINING_COMPOUND_TRANSMEMBRANE_TRANSPORT		-1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_HEART_MORPHOGENESIS		-1.5	7.2E-04	1.5E-02	1.2E-02
NecD vs CTRL	GOBP_CYTOSKELETON_DEPENDENT_CYTOKINESIS		-1.5	1.1E-02	8.5E-02	6.9E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CARDIAC_MUSCLE_CELL_PROLIFERATION		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_HEART TRABECULA MORPHOGENESIS		-1.5	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_RESPONSE_TO_SALT_STRESS		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_HEART_VALVE_MORPHOGENESIS		-1.5	1.4E-02	9.8E-02	8.0E-02
NecD vs CTRL	GOBP_ORGANIC_HYDROXY_COMPOUND_BIOSYNTHETIC_PROCESS		-1.5	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_STRIATED_MUSCLE_TISSUE_DEVELOPMENT		-1.5	4.5E-04	1.1E-02	9.3E-03
NecD vs CTRL	GOBP_GLANDULAR_EPITHELIAL_CELL_DEVELOPMENT		-1.5	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_CEREBRAL_CORTEX_GABAERGIC_INTERNEURON_DIFFERENTIATION		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_ALCOHOL		-1.5	7.2E-03	6.8E-02	5.5E-02
NecD vs CTRL	GOBP_SERINE_FAMILY_AMINO_ACID_BIOSYNTHETIC_PROCESS		-1.5	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_SMOOTH_MUSCLE_CELL_APOPTOTIC_PROCESS		-1.5	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_MEMBRANE_INVAGINATION		-1.5	1.2E-02	9.2E-02	7.5E-02
NecD vs CTRL	GOBP_COLUMNAR_CUBOIDAL_EPITHELIAL_CELL_DEVELOPMENT		-1.5	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_PROTEIN_KINASE_A_SIGNALING		-1.5	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	GOBP_DENDRITE_MORPHOGENESIS		-1.5	4.3E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_FOREBRAIN_CELL_MIGRATION		-1.5	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_GLIOGENESIS		-1.5	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	GOBP_REGULATION_OF_CELL_FATE_COMMITMENT		-1.5	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_RESPONSE_TO_FOLIC_ACID		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_REGULATION_OF_RECEPTOR_RECYCLING		-1.5	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_ORGAN_INDUCTION		-1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_HIPPO_SIGNALING		-1.5	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_PYRIMIDINE_NUCLEOBASE_METABOLIC_PROCESS		-1.5	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_RETROGRADE_TRANS_SYNAPTIC_SIGNALING		-1.5	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	GOBP_INTERNAL_PROTEIN_AMINO_ACID_ACETYLATION		-1.5	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	GOBP_CELL_CELL_JUNCTION_MAINTENANCE		-1.5	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_SIGNAL_TRANSDUCTION_INVOLVED_IN_REGULATION_OF_GENE_EXPRESSION		-1.5	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_TRANSCRIPTION_REGULATORY_REGION_DNA_BINDING		-1.5	2.0E-02	1.3E-01	1.0E-01
NecD vs CTRL	GOBP_HEMATOPOIETIC_OR_LYMPHOID_ORGAN_DEVELOPMENT		-1.5	6.7E-03	6.6E-02	5.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DENDRITIC_SPINE_DEVELOPMENT		-1.5	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_PHOSPHATIDYLETHANOLAMINE_METABOLIC_PROCESS		-1.5	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STEM_CELL_POPULATION_MAINTENANCE		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_METENCEPHALON_DEVELOPMENT		-1.5	4.1E-03	4.8E-02	3.9E-02

NecD vs CTRL	GOBP_REGULATION_OF_ORGAN_GROWTH		-1.5	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CELL_PROJECTION_ORGANIZATION		-1.5	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MICROTUBULE_POLYMERIZATION		-1.5	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DOUBLE_STRAND_BREAK_REPAIR		-1.6	7.6E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_LIPASE_ACTIVITY		-1.6	1.4E-02	9.9E-02	8.1E-02
NecD vs CTRL	GOBP_NEUROTROPHIN_TRK_RECEPTOR_SIGNALING_PATHWAY		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_NEURON_FATE_SPECIFICATION		-1.6	2.4E-02	1.4E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_HIPPO_SIGNALING		-1.6	1.8E-02	1.2E-01	9.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_ESTABLISHMENT_OR_MAINTENANCE_OF_CELL_POLARITY		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_CELL_PROLIFERATION_INVOLVED_IN_METANEPHROS_DEVELOPMENT		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_NEUROMUSCULAR_PROCESS_CONTROLLING_POSTURE		-1.6	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_GLYCEROLIPID_BIOSYNTHETIC_PROCESS		-1.6	6.4E-04	1.4E-02	1.1E-02
NecD vs CTRL	GOBP_TRANSCRIPTION_INITIATION_AT_RNA_POLYMERASE_II_PROMOTER		-1.6	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	GOBP_SYNAPTIC_MEMBRANE_ADHESION		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_EMBRYONIC_CAMERA_TYPE_EYE_MORPHOGENESIS		-1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_MAMMARY_GLAND_DUCT_MORPHOGENESIS		-1.6	2.3E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURON_MIGRATION		-1.6	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION		-1.6	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_RHO_PROTEIN_SIGNAL_TRANSDUCTION		-1.6	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_CAMP_MEDIATED_SIGNALING		-1.6	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NERVOUS_SYSTEM_PROCESS		-1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_MEMBRANE_LIPID_DISTRIBUTION		-1.6	9.6E-03	8.0E-02	6.5E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CHOLESTEROL_STORAGE		-1.6	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_DNA_REPAIR		-1.6	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_SPLEEN_DEVELOPMENT		-1.6	1.5E-02	1.0E-01	8.5E-02
NecD vs CTRL	GOBP_GAMMA_AMINOBUTYRIC_ACID_TRANSPORT		-1.6	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	GOBP_REGULATION_OF_STEM_CELL_DIFFERENTIATION		-1.6	1.1E-02	8.8E-02	7.2E-02
NecD vs CTRL	GOBP_DEMETHYLATION		-1.6	8.2E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_SALT_STRESS		-1.6	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_STEROL_TRANSPORT		-1.6	1.8E-02	1.2E-01	9.4E-02
NecD vs CTRL	GOBP_PROTEIN_MONOUBIQUITINATION		-1.6	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_GENE_EXPRESSION_VIA_CHROMOSOMAL_CPG_ISLAND_METHYLATION		-1.6	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	GOBP_PHOSPHATIDYLETHANOLAMINE_BIOSYNTHETIC_PROCESS		-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_AMINO_ACID_TRANSMEMBRANE_TRANSPORT		-1.6	4.6E-03	5.1E-02	4.2E-02
NecD vs CTRL	GOBP_HEART_GROWTH		-1.6	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_STEROL_TRANSPORT		-1.6	1.4E-02	1.0E-01	8.3E-02
NecD vs CTRL	GOBP_NOTCH_SIGNALING_PATHWAY		-1.6	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_SPINE_MORPHOGENESIS		-1.6	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_NEUROTRANSMITTER_RECEPTOR_ACTIVITY		-1.6	9.2E-03	7.8E-02	6.3E-02
NecD vs CTRL	GOBP_ETHER_BIOSYNTHETIC_PROCESS		-1.6	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	GOBP_APPENDAGE_MORPHOGENESIS		-1.6	8.8E-04	1.8E-02	1.4E-02
NecD vs CTRL	GOBP_NUCLEUS_LOCALIZATION		-1.6	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_LENS_MORPHOGENESIS_IN_CAMERA_TYPE_EYE		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_POSTSYNAPTIC_DENSITY_ASSEMBLY		-1.6	1.8E-02	1.2E-01	9.6E-02
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_CALCIIUM_ION_HOMEOSTASIS		-1.6	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_CELL_CELL_ADHESION_VIA_PLASMA_MEMBRANE_ADHESION_MOLECULES		-1.6	2.1E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_MITOCHONDRIAL_TRANSCRIPTION		-1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC		-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NOTCH_SIGNALING_PATHWAY		-1.6	1.2E-02	9.2E-02	7.5E-02
NecD vs CTRL	GOBP_POSTSYNAPTIC_SPECIALIZATION_ASSEMBLY		-1.6	1.5E-02	1.1E-01	8.7E-02
NecD vs CTRL	GOBP_DENDRITE_EXTENSION		-1.6	1.0E-02	8.2E-02	6.7E-02

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURON_DIFFERENTIATION	-1.6	3.4E-03	4.2E-02	3.5E-02
NecD vs CTRL	GOBP_DORSAL_VENTRAL_NEURAL_TUBE_PATTERNING	-1.6	1.8E-02	1.2E-01	9.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_NUCLEAR_TRANSCRIBED_MRNA_POLY_A_TAIL_SHORTENING	-1.6	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_REGULATION_OF_MORPHOGENESIS_OF_A_BRANCHING_STRUCTURE	-1.6	7.2E-03	6.7E-02	5.5E-02
NecD vs CTRL	GOBP_GLYCEROPHOSPHOLIPID_METABOLIC_PROCESS	-1.6	8.2E-05	3.6E-03	3.0E-03
NecD vs CTRL	GOBP_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC	-1.6	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_RESPONSE_TO_INTERLEUKIN_12	-1.6	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	GOBP_PHOTORECEPTOR_CELL_DIFFERENTIATION	-1.6	5.5E-03	5.8E-02	4.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_PRESYNAPSE_ORGANIZATION	-1.6	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	GOBP_PHOSPHOLIPID_HOMEOSTASIS	-1.6	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_NEUROTRANSMITTER_GATED_ION_CHANNEL_CLUSTERING	-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_CELL_PROLIFERATION_IN_FOREBRAIN	-1.6	8.4E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_METABOLIC_PROCESS	-1.6	1.1E-02	8.4E-02	6.9E-02
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_MEMBRANE_NEUROTRANSMITTER_RECEPTOR_LEVELS	-1.6	3.0E-03	4.0E-02	3.2E-02
NecD vs CTRL	GOBP_SOMITE_DEVELOPMENT	-1.6	3.4E-03	4.3E-02	3.5E-02
NecD vs CTRL	GOBP_ATRIAL_SEPTUM_MORPHOGENESIS	-1.6	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_DEVELOPMENTAL_INDUCTION	-1.6	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	GOBP_DENDRITE_DEVELOPMENT	-1.6	2.0E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_PROTEIN_CONTAINING_COMPLEX_REMODELING	-1.6	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_EPHRIN_RECEPTOR_SIGNALING_PATHWAY	-1.6	4.7E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_NEUROTROPHIN_SIGNALING_PATHWAY	-1.6	1.1E-02	8.5E-02	7.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITE_DEVELOPMENT	-1.6	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_EXCITATORY_SYNAPSE_ASSEMBLY	-1.6	1.1E-02	8.7E-02	7.1E-02
NecD vs CTRL	GOBP_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS	-1.6	4.9E-03	5.3E-02	4.3E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_OSTEOBLAST_PROLIFERATION	-1.6	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	GOBP_TONGUE_DEVELOPMENT	-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_DENDRITIC_SPINE_DEVELOPMENT	-1.6	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_CORONARY_VASCULATURE_DEVELOPMENT	-1.6	7.4E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_TOR_SIGNALING	-1.6	4.8E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_SPINAL_CORD_MOTOR_NEURON_DIFFERENTIATION	-1.6	1.2E-02	9.0E-02	7.4E-02
NecD vs CTRL	GOBP_NON_PROTEINOGENIC_AMINO_ACID_BIOSYNTHETIC_PROCESS	-1.6	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_POSTSYNAPTIC_MEMBRANE_ORGANIZATION	-1.6	5.0E-03	5.3E-02	4.4E-02
NecD vs CTRL	GOBP_GLYCEROPHOSPHOLIPID_BIOSYNTHETIC_PROCESS	-1.6	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_RESPONSE_TO_POTASSIUM_ION	-1.6	1.5E-02	1.0E-01	8.4E-02
NecD vs CTRL	GOBP_DNA_DEMETHYLATION	-1.6	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	GOBP_ADENYLATE_CYCLASE_MODULATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY	-1.6	6.1E-05	2.9E-03	2.4E-03
NecD vs CTRL	GOBP_ENTEROENDOCRINE_CELL_DIFFERENTIATION	-1.6	1.0E-02	8.2E-02	6.7E-02
NecD vs CTRL	GOBP_INSULIN_METABOLIC_PROCESS	-1.6	1.4E-02	9.9E-02	8.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_CARDIOCYTE_DIFFERENTIATION	-1.6	1.3E-02	9.6E-02	7.9E-02
NecD vs CTRL	GOBP_SOMITOGENESIS	-1.6	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_DENDRITIC_SPINE_DEVELOPMENT	-1.6	2.4E-03	3.5E-02	2.8E-02
NecD vs CTRL	GOBP_REGULATION_OF_CHOLESTEROL_EFFLUX	-1.6	8.5E-03	7.4E-02	6.1E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_STEROL_DEPLETION	-1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	GOBP_PROTEIN_LOCALIZATION_TO_CELL_CORTEX	-1.6	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	GOBP_NEURON_FATE_COMMITMENT	-1.6	3.6E-03	4.4E-02	3.6E-02
NecD vs CTRL	GOBP_MITOCHONDRIAL_CALCIIUM_ION_TRANSMEMBRANE_TRANSPORT	-1.6	1.5E-02	1.1E-01	8.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_CELL_FATE_SPECIFICATION	-1.6	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_GENE_EXPRESSION_EPIGENETIC	-1.6	5.5E-03	5.7E-02	4.7E-02
NecD vs CTRL	GOBP_AMINO_ACID_TRANSPORT	-1.6	7.4E-04	1.6E-02	1.3E-02
NecD vs CTRL	GOBP_SYNAPSE_MATURATION	-1.6	9.0E-03	7.7E-02	6.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHOLIPASE_ACTIVITY	-1.6	4.5E-03	5.1E-02	4.1E-02

NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHOLIPID_METABOLIC_PROCESS		-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_DENDRITIC_SPINE_MORPHOGENESIS		-1.6	4.6E-03	5.1E-02	4.2E-02
NecD vs CTRL	GOBP_TUBULIN_DEACETYLATION		-1.6	1.5E-02	1.1E-01	8.6E-02
NecD vs CTRL	GOBP_APPENDAGE_DEVELOPMENT		-1.6	3.6E-04	9.7E-03	7.9E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_EFFLUX		-1.6	1.1E-02	8.4E-02	6.9E-02
NecD vs CTRL	GOBP_PHOSPHOLIPID_TRANSPORT		-1.6	2.4E-03	3.5E-02	2.8E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_ORGAN_GROWTH		-1.6	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	GOBP_PHOSPHATIDYLSERINE_METABOLIC_PROCESS		-1.6	1.1E-02	8.8E-02	7.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_CHOLESTEROL_BIOSYNTHETIC_PROCESS		-1.6	1.1E-02	8.6E-02	7.0E-02
NecD vs CTRL	GOBP_DICARBOXYLIC_ACID_TRANSPORT		-1.6	2.1E-03	3.2E-02	2.6E-02
NecD vs CTRL	GOBP_MITOTIC_SISTER_CHROMATID_COHESION		-1.6	8.9E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_ENDOCARDIAL_CUSHION_DEVELOPMENT		-1.6	4.5E-03	5.1E-02	4.1E-02
NecD vs CTRL	GOBP_SEQUESTERING_OF_ACTIN_MONOMERS		-1.6	7.9E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_CHONDROITIN_SULFATE_METABOLIC_PROCESS		-1.6	9.7E-03	8.0E-02	6.5E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_PLASMA_MEMBRANE_BOUNDED_CELL_PROJECTION_ASSEMBLY		-1.6	5.9E-03	6.1E-02	5.0E-02
NecD vs CTRL	GOBP_PHOSPHOLIPID_METABOLIC_PROCESS		-1.6	2.7E-06	3.6E-04	2.9E-04
NecD vs CTRL	GOBP_RECEPTOR_DIFFUSION_TRAPPING		-1.6	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_OSTEOBLAST_PROLIFERATION		-1.6	8.4E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_STEROL_TRANSPORT		-1.6	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_STRIATED_MUSCLE_CELL_PROLIFERATION		-1.7	4.2E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_CARDIAC_SEPTUM_DEVELOPMENT		-1.7	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_ENDOPLASMIC_RETICULUM_MEMBRANE_ORGANIZATION		-1.7	8.3E-03	7.3E-02	6.0E-02
NecD vs CTRL	GOBP_REGULATION_OF_CARDIAC_MUSCLE_CELL_PROLIFERATION		-1.7	6.2E-03	6.2E-02	5.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_MACROPHAGE_DERIVED_FOAM_CELL_DIFFERENTIATION		-1.7	7.8E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_CAMP_MEDIATED_SIGNALING		-1.7	4.2E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_VENTRAL_SPINAL_CORD_DEVELOPMENT		-1.7	4.9E-03	5.3E-02	4.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_PROJECTION_DEVELOPMENT		-1.7	4.2E-07	8.8E-05	7.2E-05
NecD vs CTRL	GOBP_CARDIAC_SEPTUM_MORPHOGENESIS		-1.7	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_TRANSMISSION_GLUTAMATERGIC		-1.7	2.7E-03	3.7E-02	3.0E-02
NecD vs CTRL	GOBP_CHONDROITIN_SULFATE_BIOSYNTHETIC_PROCESS		-1.7	1.0E-02	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_NEUROTRANSMITTER_RECEPTOR_TRANSPORT		-1.7	8.8E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_ANIMAL_ORGAN_FORMATION		-1.7	7.5E-03	6.9E-02	5.7E-02
NecD vs CTRL	GOBP_CYCLIC_NUCLEOTIDE_TRANSPORT		-1.7	7.9E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_GUANINE_NUCLEOTIDE_TRANSPORT		-1.7	7.9E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_RECEPTOR_LOCALIZATION_TO_SYNAPSE		-1.7	2.2E-03	3.3E-02	2.7E-02
NecD vs CTRL	GOBP_REGULATION_OF_POSTSYNAPTIC_SPECIALIZATION_ASSEMBLY		-1.7	9.1E-03	7.7E-02	6.3E-02
NecD vs CTRL	GOBP_RESPONSE_TO_STEROL_DEPLETION		-1.7	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	GOBP_MITRAL_VALVE_DEVELOPMENT		-1.7	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_AMINO_ACID_TRANSPORT		-1.7	9.9E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_EXPORT_ACROSS_PLASMA_MEMBRANE		-1.7	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_TRIGLYCERIDE_BIOSYNTHETIC_PROCESS		-1.7	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_PHOSPHOLIPID_BIOSYNTHETIC_PROCESS		-1.7	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	GOBP_CHONDROCYTE_DEVELOPMENT		-1.7	7.5E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ANIMAL_ORGAN_MORPHOGENESIS		-1.7	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	GOBP_CARDIAC_MUSCLE_CELL_PROLIFERATION		-1.7	3.6E-03	4.5E-02	3.6E-02
NecD vs CTRL	GOBP_ADRENAL_GLAND_DEVELOPMENT		-1.7	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHONDROCYTE_DIFFERENTIATION		-1.7	8.0E-03	7.2E-02	5.9E-02
NecD vs CTRL	GOBP_STEROL_HOMEOSTASIS		-1.7	9.3E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPSE_STRUCTURE_OR_ACTIVITY		-1.7	5.8E-05	2.9E-03	2.3E-03
NecD vs CTRL	GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_METABOLIC_PROCESS		-1.7	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	GOBP_MESODERMAL_CELL_FATE_SPECIFICATION		-1.7	6.3E-03	6.3E-02	5.1E-02

NecD vs CTRL	GOBP_CHONDROITIN_SULFATE_PROTEOGLYCAN_BIOSYNTHETIC_PROCESS		-1.7	8.8E-03	7.6E-02	6.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ACTIN_NUCLEATION		-1.7	9.8E-03	8.1E-02	6.6E-02
NecD vs CTRL	GOBP_RETINA_DEVELOPMENT_IN_CAMERA_TYPE_EYE		-1.7	1.9E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_TRANSMISSION_OF_NERVE_IMPULSE		-1.7	1.8E-03	2.8E-02	2.3E-02
NecD vs CTRL	GOBP_REGULATION_OF_INTESTINAL_ABSORPTION		-1.7	1.3E-02	9.7E-02	7.9E-02
NecD vs CTRL	GOBP_PLATELET_DENSE_GRANULE_ORGANIZATION		-1.7	6.3E-03	6.3E-02	5.1E-02
NecD vs CTRL	GOBP_VENTRICULAR_SEPTUM_DEVELOPMENT		-1.7	1.7E-03	2.8E-02	2.2E-02
NecD vs CTRL	GOBP_GANGLIOSIDE_BIOSYNTHETIC_PROCESS		-1.7	4.6E-03	5.1E-02	4.2E-02
NecD vs CTRL	GOBP_REGULATION_OF_EXCITATORY_SYNAPSE_ASSEMBLY		-1.7	4.5E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_DEVELOPMENTAL_GROWTH		-1.7	9.6E-04	1.9E-02	1.5E-02
NecD vs CTRL	GOBP_HEART_VALVE_FORMATION		-1.7	6.3E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_PRESYNAPTIC_MEMBRANE_ORGANIZATION		-1.7	4.1E-03	4.9E-02	4.0E-02
NecD vs CTRL	GOBP_ALCOHOL_BIOSYNTHETIC_PROCESS		-1.7	2.9E-04	8.4E-03	6.8E-03
NecD vs CTRL	GOBP_REGULATION_OF_ANIMAL_ORGAN_MORPHOGENESIS		-1.7	6.5E-04	1.4E-02	1.2E-02
NecD vs CTRL	GOBP_FATTY_ACYL_COA_METABOLIC_PROCESS		-1.7	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_PHOSPHOLIPID_BIOSYNTHETIC_PROCESS		-1.7	7.5E-06	6.9E-04	5.6E-04
NecD vs CTRL	GOBP_CELL_FATE_SPECIFICATION		-1.7	3.7E-04	9.9E-03	8.1E-03
NecD vs CTRL	GOBP_HOMOCYSTEINE_METABOLIC_PROCESS		-1.7	4.8E-03	5.3E-02	4.3E-02
NecD vs CTRL	GOBP_ORGANOPHOSPHATE_ESTER_TRANSPORT		-1.7	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	GOBP_RESPONSE_TO_FLUID_SHEAR_STRESS		-1.7	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	GOBP_THYMUS_DEVELOPMENT		-1.7	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_SYNAPSE_ORGANIZATION		-1.7	9.4E-09	4.1E-06	3.4E-06
NecD vs CTRL	GOBP_IONOTROPIC_GLUTAMATE_RECEPTOR_SIGNALING_PATHWAY		-1.7	5.1E-03	5.5E-02	4.5E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURON_PROJECTION_DEVELOPMENT		-1.7	2.2E-04	7.0E-03	5.7E-03
NecD vs CTRL	GOBP_CALCIIUM_DEPENDENT_CELL_CELL_ADHESION_VIA_PLASMA_MEMBRANE_CELL_ADHESION_MOLECULES		-1.7	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	GOBP_NEUROTRANSMITTER_RECEPTOR_INTERNALIZATION		-1.7	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	GOBP_DIGESTIVE_TRACT_MORPHOGENESIS		-1.7	2.5E-03	3.5E-02	2.9E-02
NecD vs CTRL	GOBP_STEROL_TRANSPORT		-1.7	3.4E-04	9.3E-03	7.6E-03
NecD vs CTRL	GOBP_RESPONSE_TO_STEROL		-1.7	4.7E-03	5.2E-02	4.2E-02
NecD vs CTRL	GOBP_NEURON_PROJECTION_REGENERATION		-1.7	1.8E-03	2.8E-02	2.3E-02
NecD vs CTRL	GOBP_LEFT_RIGHT_AXIS_SPECIFICATION		-1.7	7.4E-03	6.9E-02	5.6E-02
NecD vs CTRL	GOBP_LIGAND_GATED_ION_CHANNEL_SIGNALING_PATHWAY		-1.7	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_ATP_METABOLIC_PROCESS		-1.7	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_NEURON_DIFFERENTIATION		-1.7	4.7E-05	2.5E-03	2.1E-03
NecD vs CTRL	GOBP_CDC42_PROTEIN_SIGNAL_TRANSDUCTION		-1.7	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	GOBP_CALCIIUM_IMPORT_INTO_THE_MITOCHONDRION		-1.7	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	GOBP_GANGLIOSIDE_METABOLIC_PROCESS		-1.7	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	GOBP_PANCREATIC_A_CELL_DIFFERENTIATION		-1.7	2.4E-03	3.5E-02	2.8E-02
NecD vs CTRL	GOBP_PRESYNAPSE_ORGANIZATION		-1.7	9.1E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_NEURAL_PRECURSOR_CELL_PROLIFERATION		-1.7	5.9E-05	2.9E-03	2.4E-03
NecD vs CTRL	GOBP_CHOLESTEROL_EFFLUX		-1.7	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_NEURAL_TUBE_PATTERNING		-1.7	2.5E-03	3.6E-02	2.9E-02
NecD vs CTRL	GOBP_REGULATION_OF_AMPA_RECEPTOR_ACTIVITY		-1.7	3.3E-03	4.1E-02	3.4E-02
NecD vs CTRL	GOBP_PYRIMIDINE_CONTAINING_COMPOUND_CATABOLIC_PROCESS		-1.8	1.6E-03	2.5E-02	2.1E-02
NecD vs CTRL	GOBP_RAS_PROTEIN_SIGNAL_TRANSDUCTION		-1.8	2.0E-04	6.6E-03	5.4E-03
NecD vs CTRL	GOBP_CORPUS_CALLOSUM_DEVELOPMENT		-1.8	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_ADENYLATE_CYCLASE_ACTIVATING_G_PROTEIN_COUPLED_RECEPTOR_SIGNALING_PATHWAY		-1.8	4.1E-05	2.3E-03	1.9E-03
NecD vs CTRL	GOBP_SYNAPTIC_ASSEMBLY_AT_NEUROMUSCULAR_JUNCTION		-1.8	1.6E-03	2.5E-02	2.1E-02
NecD vs CTRL	GOBP_BRANCHING_INVOLVED_IN_PROSTATE_GLAND_MORPHOGENESIS		-1.8	7.8E-03	7.1E-02	5.8E-02
NecD vs CTRL	GOBP_FATTY_ACYL_COA_BIOSYNTHETIC_PROCESS		-1.8	2.7E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_POTASSIUM_ION		-1.8	2.4E-03	3.5E-02	2.8E-02

NecD vs CTRL	GOBP_OLIGODENDROCYTE_DIFFERENTIATION		-1.8	2.3E-04	7.1E-03	5.8E-03
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_CARDIOCYTE_DIFFERENTIATION		-1.8	2.1E-03	3.2E-02	2.6E-02
NecD vs CTRL	GOBP_REGULATION_OF_RESPONSE_TO_REACTIVE_OXYGEN_SPECIES		-1.8	1.5E-03	2.4E-02	2.0E-02
NecD vs CTRL	GOBP_DORSAL_VENTRAL_PATTERN_FORMATION		-1.8	3.7E-04	9.8E-03	8.0E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_CHOLESTEROL_METABOLIC_PROCESS		-1.8	2.1E-03	3.2E-02	2.6E-02
NecD vs CTRL	GOBP_AXON_ENSHEATHMENT_IN_CENTRAL_NERVOUS_SYSTEM		-1.8	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	GOBP_NUCLEOBASE_CATABOLIC_PROCESS		-1.8	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_RESPONSE_TO_LAMINAR_FLUID_SHEAR_STRESS		-1.8	4.1E-03	4.8E-02	3.9E-02
NecD vs CTRL	GOBP_HOMOPHILIC_CELL_ADHESION_VIA_PLASMA_MEMBRANE_ADHESION_MOLECULES		-1.8	6.7E-05	3.1E-03	2.5E-03
NecD vs CTRL	GOBP_OSTEOBLAST_PROLIFERATION		-1.8	2.1E-03	3.2E-02	2.6E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_LIPOPROTEIN_PARTICLE_STIMULUS		-1.8	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	GOBP_PHOSPHATIDYLCHOLINE_ACYL_CHAIN_REMODELING		-1.8	3.6E-03	4.5E-02	3.6E-02
NecD vs CTRL	GOBP_POSTSYNAPSE_ASSEMBLY		-1.8	1.1E-03	2.0E-02	1.6E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_BRAIN_DERIVED_NEUROTROPHIC_FACTOR_STIMULUS		-1.8	9.6E-04	1.9E-02	1.5E-02
NecD vs CTRL	GOBP_SPECIFICATION_OF_ANIMAL_ORGAN_IDENTITY		-1.8	1.5E-03	2.5E-02	2.1E-02
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOLIPID_BIOSYNTHETIC_PROCESS		-1.8	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_NEURON_DIFFERENTIATION		-1.8	2.9E-04	8.3E-03	6.8E-03
NecD vs CTRL	GOBP_LOCOMOTOR_RHYTHM		-1.8	1.4E-03	2.3E-02	1.9E-02
NecD vs CTRL	GOBP_RESPONSE_TO_PROSTAGLANDIN_E		-1.8	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	GOBP_NUCLEOTIDE_TRANSMEMBRANE_TRANSPORT		-1.8	9.7E-04	1.9E-02	1.5E-02
NecD vs CTRL	GOBP_STEROL_METABOLIC_PROCESS		-1.8	1.2E-05	9.3E-04	7.6E-04
NecD vs CTRL	GOBP_NEUROMUSCULAR_JUNCTION_DEVELOPMENT		-1.8	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_MESENCHYMAL_STEM_CELL_DIFFERENTIATION		-1.8	7.0E-04	1.5E-02	1.2E-02
NecD vs CTRL	GOBP_REVERSE_CHOLESTEROL_TRANSPORT		-1.8	6.6E-04	1.4E-02	1.2E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_SMALL_GTPASE_MEDIATED_SIGNAL_TRANSDUCTION		-1.8	2.0E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_VASCULAR_TRANSPORT		-1.8	1.7E-04	6.1E-03	5.0E-03
NecD vs CTRL	GOBP_BRANCHING_MORPHOGENESIS_OF_A_NERVE		-1.8	2.5E-03	3.5E-02	2.9E-02
NecD vs CTRL	GOBP_NUCLEAR_MIGRATION		-1.8	9.2E-04	1.8E-02	1.5E-02
NecD vs CTRL	GOBP_HIGH_DENSITY_LIPOPROTEIN_PARTICLE_REMODELING		-1.8	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	GOBP_SPINAL_CORD_DEVELOPMENT		-1.8	4.1E-05	2.3E-03	1.9E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEUROBLAST_PROLIFERATION		-1.8	5.9E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NUCLEOTIDE_CATABOLIC_PROCESS		-1.8	1.5E-03	2.5E-02	2.0E-02
NecD vs CTRL	GOBP_RHYTHMIC_BEHAVIOR		-1.9	3.8E-04	9.9E-03	8.1E-03
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHOLIPID_METABOLIC_PROCESS		-1.9	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	GOBP_NEGATIVE_REGULATION_OF_MOTOR_NEURON_APOPTOTIC_PROCESS		-1.9	3.7E-04	9.8E-03	8.0E-03
NecD vs CTRL	GOBP_REGULATION_OF_NEUROBLAST_PROLIFERATION		-1.9	2.1E-04	6.7E-03	5.5E-03
NecD vs CTRL	GOBP_REGULATION_OF_MESENCHYMAL_STEM_CELL_DIFFERENTIATION		-1.9	2.7E-04	7.9E-03	6.5E-03
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPSE_ASSEMBLY		-1.9	2.1E-05	1.4E-03	1.2E-03
NecD vs CTRL	GOBP_REGULATION_OF_SYNAPTIC_VESICLE_CYCLE		-1.9	4.2E-04	1.1E-02	8.7E-03
NecD vs CTRL	GOBP_ASPARTATE_TRANSMEMBRANE_TRANSPORT		-1.9	7.2E-04	1.5E-02	1.2E-02
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_PROSTAGLANDIN_E_STIMULUS		-1.9	4.9E-04	1.2E-02	9.6E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_STEROL		-1.9	6.9E-04	1.5E-02	1.2E-02
NecD vs CTRL	GOBP_GLIAL_CELL_FATE_COMMITMENT		-1.9	3.3E-04	9.1E-03	7.5E-03
NecD vs CTRL	GOBP_PHOSPHOLIPID_EFFLUX		-1.9	6.1E-04	1.3E-02	1.1E-02
NecD vs CTRL	GOBP_EMBRYONIC_DIGESTIVE_TRACT_MORPHOGENESIS		-1.9	2.3E-04	7.1E-03	5.8E-03
NecD vs CTRL	GOBP_REGULATION_OF_NEURAL_PRECURSOR_CELL_PROLIFERATION		-1.9	1.7E-05	1.2E-03	9.7E-04
NecD vs CTRL	GOBP_REGULATION_OF_CHOLESTEROL_STORAGE		-1.9	2.0E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_VERY_LOW_DENSITY_LIPOPROTEIN_PARTICLE_ASSEMBLY		-1.9	8.2E-04	1.7E-02	1.4E-02
NecD vs CTRL	GOBP_REGULATION_OF_PLASMA_LIPOPROTEIN_PARTICLE_LEVELS		-1.9	3.4E-05	2.1E-03	1.7E-03
NecD vs CTRL	GOBP_NEUROBLAST_PROLIFERATION		-1.9	4.3E-05	2.4E-03	2.0E-03
NecD vs CTRL	GOBP_SYNAPSE_ASSEMBLY		-1.9	1.1E-08	4.2E-06	3.4E-06

NecD vs CTRL	GOBP_MOTOR_NEURON_APOPTOTIC_PROCESS		-1.9	3.4E-04	9.5E-03	7.7E-03
NecD vs CTRL	GOBP_C4_DICARBOXYLATE_TRANSPORT		-2.0	2.5E-04	7.4E-03	6.1E-03
NecD vs CTRL	GOBP_POSITIVE_REGULATION_OF_NEURAL_PRECURSOR_CELL_PROLIFERATION		-2.0	4.0E-05	2.3E-03	1.9E-03
NecD vs CTRL	GOBP_CELLULAR_RESPONSE_TO_CHOLESTEROL		-2.0	7.1E-05	3.3E-03	2.7E-03
NecD vs CTRL	GOBP_REGULATION_OF_PHOSPHATIDYLCHOLINE_METABOLIC_PROCESS		-2.0	3.3E-05	2.1E-03	1.7E-03
NecD vs CTRL	GOBP_INTRACELLULAR_STEROL_TRANSPORT		-2.0	1.4E-04	5.3E-03	4.4E-03
NecD vs CTRL	GOBP_REGULATION_OF_MOTOR_NEURON_APOPTOTIC_PROCESS		-2.0	1.3E-04	5.3E-03	4.3E-03
NecD vs CTRL	GOBP_HIGH_DENSITY_LIPOPROTEIN_PARTICLE_ASSEMBLY		-2.0	2.0E-04	6.5E-03	5.3E-03
NecD vs CTRL	GOBP_STEROL_BIOSYNTHETIC_PROCESS		-2.0	3.7E-06	4.5E-04	3.7E-04
NecD vs CTRL	GOBP_CHOLESTEROL_STORAGE		-2.0	7.2E-05	3.3E-03	2.7E-03
NecD vs CTRL	GOBP_OLIGODENDROCYTE_DEVELOPMENT		-2.0	1.5E-05	1.1E-03	9.0E-04
NecD vs CTRL	GOBP_PHOSPHATIDYLCHOLINE_METABOLIC_PROCESS		-2.0	5.8E-06	6.1E-04	5.0E-04
NecD vs CTRL	GOBP_PROTEIN_LIPID_COMPLEX_ORGANIZATION		-2.0	1.6E-05	1.2E-03	9.5E-04
NecD vs CTRL	GOBP_PROTEIN_LIPID_COMPLEX_ASSEMBLY		-2.1	1.2E-05	9.3E-04	7.6E-04
NecD vs CTRL	GOBP_PHOSPHATIDYLCHOLINE_BIOSYNTHETIC_PROCESS		-2.1	6.9E-06	6.7E-04	5.4E-04
NecD vs CTRL	HALLMARK_TNFA_SIGNALING_VIA_NFKB		2.2	2.1E-09	1.4E-06	1.2E-06
NecD vs CTRL	HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION		2.2	4.2E-09	2.4E-06	1.9E-06
NecD vs CTRL	HALLMARK_KRAS_SIGNALING_UP		2.1	6.0E-09	2.8E-06	2.3E-06
NecD vs CTRL	HALLMARK_IL6_JAK_STAT3_SIGNALING		2.0	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	HALLMARK_APOPTOSIS		1.9	8.6E-06	7.5E-04	6.1E-04
NecD vs CTRL	HALLMARK_COAGULATION		1.9	7.6E-05	3.4E-03	2.8E-03
NecD vs CTRL	HALLMARK_COMPLEMENT		1.7	6.3E-05	3.0E-03	2.5E-03
NecD vs CTRL	HALLMARK_IL2_STAT5_SIGNALING		1.7	2.4E-04	7.2E-03	5.9E-03
NecD vs CTRL	HALLMARK_ALLOGRAFT_REJECTION		1.7	4.8E-04	1.2E-02	9.5E-03
NecD vs CTRL	HALLMARK_ANGIOGENESIS		1.5	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	HALLMARK_OXIDATIVE_PHOSPHORYLATION		1.5	4.3E-03	5.0E-02	4.1E-02
NecD vs CTRL	HALLMARK_XENOBIOTIC_METABOLISM		1.3	9.4E-03	7.9E-02	6.4E-02
NecD vs CTRL	HALLMARK_INTERFERON_GAMMA_RESPONSE		1.3	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	HALLMARK_MYOGENESIS		1.2	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	HALLMARK_UV_RESPONSE_UP		1.2	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	HALLMARK_FATTY_ACID_METABOLISM		1.2	1.6E-01	4.4E-01	3.5E-01
NecD vs CTRL	HALLMARK_INTERFERON_ALPHA_RESPONSE		1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	HALLMARK_UNFOLDED_PROTEIN_RESPONSE		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	HALLMARK_MYC_TARGETS_V1		-0.7	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	HALLMARK_DNA_REPAIR		-0.8	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	HALLMARK_PEROXISOME		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	HALLMARK_SPERMATOGENESIS		-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	HALLMARK_MYC_TARGETS_V2		-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	HALLMARK_E2F_TARGETS		-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	HALLMARK_P53_PATHWAY		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	HALLMARK_NOTCH_SIGNALING		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	HALLMARK_APICAL_SURFACE		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	HALLMARK_PROTEIN_SECRETION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	HALLMARK_APICAL_JUNCTION		-1.1	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	HALLMARK_GLYCOLYSIS		-1.1	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	HALLMARK_HEME_METABOLISM		-1.1	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	HALLMARK_ESTROGEN_RESPONSE_LATE		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	HALLMARK_ANDROGEN_RESPONSE		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	HALLMARK_TGF_BETA_SIGNALING		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	HALLMARK_BILE_ACID_METABOLISM		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	HALLMARK_UV_RESPONSE_DN		-1.2	9.9E-02	3.4E-01	2.7E-01

NecD vs CTRL	HALLMARK_PI3K_AKT_MTOR_SIGNALING		-1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	HALLMARK_MITOTIC_SPINDLE		-1.3	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	HALLMARK_MTORC1_SIGNALING		-1.3	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	HALLMARK_ESTROGEN_RESPONSE_EARLY		-1.3	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	HALLMARK_ADIPOGENESIS		-1.4	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	HALLMARK_KRAS_SIGNALING_DN		-1.5	6.1E-03	6.2E-02	5.0E-02
NecD vs CTRL	HALLMARK_PANCREAS_BETA_CELLS		-1.5	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	HALLMARK_G2M_CHECKPOINT		-1.6	4.9E-04	1.2E-02	9.6E-03
NecD vs CTRL	HALLMARK_WNT_BETA_CATENIN_SIGNALING		-1.8	6.6E-04	1.4E-02	1.2E-02
NecD vs CTRL	HALLMARK_HEDGEHOG_SIGNALING		-1.9	3.7E-04	9.8E-03	8.0E-03
NecD vs CTRL	HALLMARK_CHOLESTEROL_HOMEOSTASIS		-2.2	1.5E-07	4.2E-05	3.5E-05
NecD vs CTRL	KEGG_HEMATOPOIETIC_CELL_LINEAGE		2.5	1.1E-08	4.2E-06	3.4E-06
NecD vs CTRL	KEGG_LEISHMANIA_INFECTION		2.4	4.1E-06	4.8E-04	4.0E-04
NecD vs CTRL	KEGG_GRAFT_VERSUS_HOST_DISEASE		2.3	9.7E-06	8.3E-04	6.8E-04
NecD vs CTRL	KEGG_PRION_DISEASES		2.2	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	KEGG_NICOTINATE_AND_NICOTINAMIDE_METABOLISM		2.1	3.6E-04	9.7E-03	7.9E-03
NecD vs CTRL	KEGG_NOD_LIKE_RECEPTOR_SIGNALING_PATHWAY		2.1	3.5E-04	9.5E-03	7.7E-03
NecD vs CTRL	KEGG_CYTOSOLIC_DNA_SENSING_PATHWAY		2.1	6.5E-04	1.4E-02	1.2E-02
NecD vs CTRL	KEGG_COMPLEMENT_AND_COAGULATION_CASCADES		2.0	5.8E-05	2.9E-03	2.3E-03
NecD vs CTRL	KEGG_TYPE_I_DIABETES_MELLITUS		2.0	4.5E-04	1.1E-02	9.2E-03
NecD vs CTRL	KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROME_P450		2.0	4.0E-04	1.0E-02	8.4E-03
NecD vs CTRL	KEGG_ASTHMA		1.9	1.6E-03	2.6E-02	2.2E-02
NecD vs CTRL	KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IGA_PRODUCTION		1.9	1.8E-03	2.9E-02	2.3E-02
NecD vs CTRL	KEGG_DRUG_METABOLISM_CYTOCHROME_P450		1.8	5.5E-03	5.7E-02	4.7E-02
NecD vs CTRL	KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWAY		1.7	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	KEGG_TYROSINE_METABOLISM		1.7	8.3E-03	7.3E-02	6.0E-02
NecD vs CTRL	KEGG_ECM_RECEPTOR_INTERACTION		1.6	4.0E-03	4.7E-02	3.9E-02
NecD vs CTRL	KEGG_VIRAL_MYOCARDITIS		1.6	7.7E-03	7.0E-02	5.7E-02
NecD vs CTRL	KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION		1.6	8.6E-05	3.7E-03	3.0E-03
NecD vs CTRL	KEGG_FOCAL_ADHESION		1.6	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	KEGG_FATTY_ACID_METABOLISM		1.5	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	KEGG_EPITHELIAL_CELL_SIGNALING_IN_Helicobacter_Pylori_Infection		1.5	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	KEGG_GLUTATHIONE_METABOLISM		1.4	6.2E-02	2.5E-01	2.1E-01
NecD vs CTRL	KEGG_STEROID_HORMONE_BIOSYNTHESIS		1.3	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	KEGG_OLFACTORY_TRANSDUCTION		1.3	1.5E-03	2.5E-02	2.1E-02
NecD vs CTRL	KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION		1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	KEGG_AUTOIMMUNE_THYROID_DISEASE		1.3	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	KEGG_TRYPTOPHAN_METABOLISM		1.3	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	KEGG_APOPTOSIS		1.2	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	KEGG_ALLOGRAFT_REJECTION		1.2	1.7E-01	4.4E-01	3.6E-01
NecD vs CTRL	KEGG_ADIPOCYTOKINE_SIGNALING_PATHWAY		1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	KEGG_RETINOL_METABOLISM		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECTION		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	KEGG_CIRCADIEN_RHYTHM_MAMMAL		1.2	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	KEGG_AMINOACYL_TRNA_BIOSYNTHESIS		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	KEGG_PHENYLALANINE_METABOLISM		1.2	2.4E-01	5.3E-01	4.4E-01
NecD vs CTRL	KEGG_CELL_ADHESION_MOLECULES_CAMS		1.1	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	KEGG_PRIMARY_BILE_ACID_BIOSYNTHESIS		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	KEGG_ALZHEIMERS_DISEASE		1.1	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	KEGG_RENIN_ANGIOTENSIN_SYSTEM		1.0	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	KEGG_RIBOFLAVIN_METABOLISM		1.0	4.1E-01	6.8E-01	5.5E-01

NecD vs CTRL	KEGG_FOLATE_BIOSYNTHESIS		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	KEGG_OXIDATIVE_PHOSPHORYLATION		1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	KEGG_ARACHIDONIC_ACID_METABOLISM		1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	KEGG_PROTEASOME		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	KEGG_HISTIDINE_METABOLISM		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	KEGG_LEUKOCYTE_TRANSENDOTHELIAL_MIGRATION		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY		0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	KEGG_PEROXISOME		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	KEGG_PRIMARY_IMMUNODEFICIENCY		0.9	7.0E-01	8.7E-01	7.1E-01
NecD vs CTRL	KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METABOLISM		0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	KEGG_TIGHT_JUNCTION		0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	KEGG_PORPHYRIN_AND_CHLOROPHYLL_METABOLISM		0.8	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	KEGG_MISMATCH_REPAIR		0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	KEGG_DRUG_METABOLISM_OTHER_ENZYMES		0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	KEGG_PARKINSONS_DISEASE		0.7	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_GLYCOLYSIS_GLUONEOGENESIS		0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_BIOSYNTHESIS		0.6	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	KEGG_RIBOSOME		0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_DNA_REPLICATION		-0.5	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_PYRIMIDINE_METABOLISM		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_NON_HOMOLOGOUS_END_JOINING		-0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	KEGG_VASOPRESSIN_REGULATED_WATER_REABSORPTION		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	KEGG_REGULATION_OF_AUTOPHAGY		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	KEGG_SPLICEOSOME		-0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	KEGG_FRUCTOSE_AND_MANNOSSE_METABOLISM		-0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	KEGG_PENTOSE_PHOSPHATE_PATHWAY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	KEGG_NITROGEN_METABOLISM		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	KEGG_PROTEIN_EXPORT		-0.7	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	KEGG_ONE_CARBON_POOL_BY_FOLATE		-0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	KEGG_PROXIMAL_TUBULE_BICARBONATE_RECLAMATION		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	KEGG_LINOLEIC_ACID_METABOLISM		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	KEGG_HUNTINGTONS_DISEASE		-0.8	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	KEGG_HOMOLOGOUS_RECOMBINATION		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	KEGG_OOCYTE_MEIOSIS		-0.8	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	KEGG_SULFUR_METABOLISM		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	KEGG_ASCORBATE_AND_ALDARATE_METABOLISM		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	KEGG_SNARE_INTERACTIONS_IN_VESICULAR_TRANSPORT		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	KEGG_RNA_POLYMERASE		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSIONS		-0.8	6.9E-01	8.5E-01	6.9E-01
NecD vs CTRL	KEGG_T_CELL_RECEPTOR_SIGNALING_PATHWAY		-0.8	7.7E-01	8.9E-01	7.3E-01
NecD vs CTRL	KEGG_REGULATION_OF_ACTIN_CYTOSKELETON		-0.9	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	KEGG_VIBRIO_CHOLERAE_INFECTION		-0.9	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	KEGG_STARCH_AND_SUCROSE_METABOLISM		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	KEGG_PANTOTHENATE_AND_COA_BIOSYNTHESIS		-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	KEGG_CITRATE_CYCLE_TCA_CYCLE		-0.9	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	KEGG_NUCLEOTIDE_EXCISION_REPAIR		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	KEGG_VASCULAR_SMOOTH_MUSCLE_CONTRACTION		-0.9	6.7E-01	8.4E-01	6.9E-01
NecD vs CTRL	KEGG_JAK_STAT_SIGNALING_PATHWAY		-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	KEGG_LYSOSOME		-1.0	5.8E-01	7.9E-01	6.5E-01

NecD vs CTRL	KEGG_PURINE_METABOLISM		-1.0	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_KERATAN_SULFATE		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	KEGG_BETA_ALANINE_METABOLISM		-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	KEGG_OTHER_GLYCAN_DEGRADATION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	KEGG_TASTE_TRANSDUCTION		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	KEGG_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY		-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY		-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	KEGG_BASE_EXCISION_REPAIR		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	KEGG_GALACTOSE_METABOLISM		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	KEGG_THYROID_CANCER		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	KEGG_BASAL_TRANSCRIPTION_FACTORS		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	KEGG_N_GLYCAN_BIOSYNTHESIS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	KEGG_RENAL_CELL_CARCINOMA		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	KEGG_TAURINE_AND_HYPOTAUROINE_METABOLISM		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	KEGG_SPHINGOLIPID_METABOLISM		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	KEGG_GLYCOSYLPHOSPHATIDYLINOSITOL_GPI_ANCHOR_BIOSYNTHESIS		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	KEGG_CALCIIUM_SIGNALING_PATHWAY		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_ETHER_LIPID_METABOLISM		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	KEGG_HYPERTROPHIC_CARDIOMYOPATHY_HCM		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	KEGG_P53_SIGNALING_PATHWAY		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_BLADDER_CANCER		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	KEGG_GLYCEROLIPID_METABOLISM		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	KEGG_RNA_DEGRADATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_MELANOGENESIS		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	KEGG_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_CELL_CYCLE		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	KEGG_ALDOSTERONE_REGULATED_SODIUM_REABSORPTION		-1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_VEGF_SIGNALING_PATHWAY		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_HEPARAN_SULFATE		-1.1	3.2E-01	5.9E-01	4.8E-01
NecD vs CTRL	KEGG_LIMONENE_AND_PINENE_DEGRADATION		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	KEGG_LONG_TERM_POTENTIATION		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	KEGG_O_GLYCAN_BIOSYNTHESIS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	KEGG_ADHERENS_JUNCTION		-1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	KEGG_GLYOXALATE_AND_DICARBOXYLATE_METABOLISM		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	KEGG_PATHWAYS_IN_CANCER		-1.1	1.7E-01	4.4E-01	3.6E-01
NecD vs CTRL	KEGG_DILATED_CARDIOMYOPATHY		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	KEGG_TYPE_II_DIABETES_MELLITUS		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	KEGG_WNT_SIGNALING_PATHWAY		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	KEGG_CHEMOKINE_SIGNALING_PATHWAY		-1.2	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	KEGG_GLYCOSPHINGOLIPID_BIOSYNTHESIS_LACTO_AND_NEOLACTO_SERIES		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	KEGG_FC_GAMMA_R_MEDIATED_PHAGOCYTOSIS		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	KEGG_SMALL_CELL_LUNG_CANCER		-1.2	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	KEGG_INOSITOL_PHOSPHATE_METABOLISM		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	KEGG_MAPK_SIGNALING_PATHWAY		-1.2	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	KEGG_PPAR_SIGNALING_PATHWAY		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	KEGG_GLYCINE_SERINE_AND_THREONINE_METABOLISM		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	KEGG_MELANOMA		-1.2	1.8E-01	4.6E-01	3.8E-01
NecD vs CTRL	KEGG_ALPHA_LINOLENIC_ACID_METABOLISM		-1.2	2.3E-01	5.3E-01	4.3E-01
NecD vs CTRL	KEGG_GLYCOSAMINOGLYCAN_DEGRADATION		-1.2	2.1E-01	5.0E-01	4.1E-01

NecD vs CTRL	KEGG_HEDGEHOG_SIGNALING_PATHWAY		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	KEGG_BASAL_CELL_CARCINOMA		-1.2	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	KEGG_FC_EPSILON_RI_SIGNALING_PATHWAY		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	KEGG_ABC_TRANSPORTERS		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	KEGG_ARGININE_AND_PROLINE_METABOLISM		-1.3	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	KEGG_ENDOCYTOSIS		-1.3	7.6E-02	2.9E-01	2.3E-01
NecD vs CTRL	KEGG_GNRH_SIGNALING_PATHWAY		-1.3	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	KEGG_GLIOMA		-1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	KEGG_PYRUVATE_METABOLISM		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYOPATHY_ARVC		-1.3	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	KEGG_ERBB_SIGNALING_PATHWAY		-1.3	8.2E-02	3.0E-01	2.5E-01
NecD vs CTRL	KEGG_MATURITY_ONSET_DIABETES_OF_THE_YOUNG		-1.3	1.2E-01	3.7E-01	3.1E-01
NecD vs CTRL	KEGG_CARDIAC_MUSCLE_CONTRACTION		-1.3	8.8E-02	3.1E-01	2.5E-01
NecD vs CTRL	KEGG_PHOSPHATIDYLINOSITOL_SIGNALING_SYSTEM		-1.3	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	KEGG_GAP_JUNCTION		-1.3	6.9E-02	2.7E-01	2.2E-01
NecD vs CTRL	KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS		-1.3	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	KEGG_MTOR_SIGNALING_PATHWAY		-1.4	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	KEGG_BUTANOATE_METABOLISM		-1.4	7.0E-02	2.7E-01	2.2E-01
NecD vs CTRL	KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION		-1.4	3.7E-02	1.9E-01	1.5E-01
NecD vs CTRL	KEGG_NON_SMALL_CELL_LUNG_CANCER		-1.4	5.4E-02	2.3E-01	1.9E-01
NecD vs CTRL	KEGG_CYSTEINE_AND_METHIONINE_METABOLISM		-1.4	5.2E-02	2.3E-01	1.9E-01
NecD vs CTRL	KEGG_DORSO_VENTRAL_AXIS_FORMATION		-1.4	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	KEGG_ACUTE_MYELOID_LEUKEMIA		-1.5	3.9E-02	1.9E-01	1.6E-01
NecD vs CTRL	KEGG_NEUROTROPHIN_SIGNALING_PATHWAY		-1.5	9.8E-03	8.1E-02	6.6E-02
NecD vs CTRL	KEGG_LYSINE_DEGRADATION		-1.5	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	KEGG_GLYCOSPHINGOLIPID_BIOSYNTHESIS_GLOBO_SERIES		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	KEGG_NOTCH_SIGNALING_PATHWAY		-1.5	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	KEGG_PANCREATIC_CANCER		-1.6	1.1E-02	8.5E-02	7.0E-02
NecD vs CTRL	KEGG_ENDOMETRIAL_CANCER		-1.6	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	KEGG_LONG_TERM_DEPRESSION		-1.6	9.6E-03	8.0E-02	6.5E-02
NecD vs CTRL	KEGG_TGF_BETA_SIGNALING_PATHWAY		-1.6	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	KEGG_PROPANOATE_METABOLISM		-1.6	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	KEGG_AXON_GUIDANCE		-1.6	1.9E-03	3.0E-02	2.5E-02
NecD vs CTRL	KEGG_PROSTATE_CANCER		-1.6	2.9E-03	3.9E-02	3.1E-02
NecD vs CTRL	KEGG_COLORECTAL_CANCER		-1.6	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE		-1.6	1.8E-02	1.2E-01	9.5E-02
NecD vs CTRL	KEGG_SELENOAMINO_ACID_METABOLISM		-1.6	1.3E-02	9.3E-02	7.6E-02
NecD vs CTRL	KEGG_INSULIN_SIGNALING_PATHWAY		-1.6	9.9E-04	1.9E-02	1.6E-02
NecD vs CTRL	KEGG_CHRONIC_MYELOID_LEUKEMIA		-1.7	1.2E-03	2.2E-02	1.8E-02
NecD vs CTRL	KEGG_GLYCEROPHOSPHOLIPID_METABOLISM		-1.7	1.0E-03	1.9E-02	1.6E-02
NecD vs CTRL	KEGG_GLYCOSPHINGOLIPID_BIOSYNTHESIS_GANGLIO_SERIES		-1.8	4.0E-03	4.8E-02	3.9E-02
NecD vs CTRL	KEGG_BIOSYNTHESIS_OF_UNSATURATED_FATTY_ACIDS		-1.8	2.5E-03	3.6E-02	2.9E-02
NecD vs CTRL	KEGG_STEROID_BIOSYNTHESIS		-1.8	4.7E-04	1.1E-02	9.3E-03
NecD vs CTRL	KEGG_TERPENOID_BACKBONE_BIOSYNTHESIS		-1.9	4.9E-04	1.2E-02	9.6E-03
NecD vs CTRL	Verhaak.2010_Mesenchymal		2.7	1.0E-10	1.5E-07	1.3E-07
NecD vs CTRL	Verhaak.2010_Neural		-0.7	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	ssGSEA.2017_Proneural		-1.5	1.9E-02	1.2E-01	9.8E-02
NecD vs CTRL	Verhaak.2010_Classical		-1.8	1.7E-05	1.2E-03	9.7E-04
NecD vs CTRL	Verhaak.2010_Proneural		-2.6	1.0E-10	1.5E-07	1.3E-07
NecD vs CTRL	WP_CYTOKINES_AND_INFLAMMATORY_RESPONSE		2.6	3.4E-07	7.8E-05	6.4E-05
NecD vs CTRL	WP_IMMUNE_INFILTRATION_IN_PANCREATIC_CANCER		2.6	4.7E-06	5.3E-04	4.3E-04

NecD vs CTRL	WP_RAS_AND_BRADYKININ_PATHWAYS_IN_COVID19		2.6	4.5E-08	1.4E-05	1.1E-05
NecD vs CTRL	WP_LUNG_FIBROSIS		2.5	7.1E-07	1.2E-04	1.0E-04
NecD vs CTRL	WP_COVID19_ADVERSE_OUTCOME_PATHWAY		2.5	1.6E-07	4.2E-05	3.5E-05
NecD vs CTRL	WP_IL26_SIGNALING		2.5	8.3E-07	1.4E-04	1.2E-04
NecD vs CTRL	WP_PHOTODYNAMIC_THERAPYINDUCED_NFKB_SURVIVAL_SIGNALING		2.5	9.1E-06	7.9E-04	6.5E-04
NecD vs CTRL	WP_IL1_AND_MEGAKARYOCYTES_IN_OBESITY		2.5	4.9E-07	1.0E-04	8.3E-05
NecD vs CTRL	WP_PLATELETMEDIEDATED_INTERACTIONS_WITH_VASCULAR_AND_CIRCULATING_CELLS		2.5	5.2E-07	1.0E-04	8.3E-05
NecD vs CTRL	WP_OVERVIEW_OF_PROINFLAMMATORY_AND_PROFIBROTIC_MEDIATORS		2.4	2.1E-09	1.4E-06	1.2E-06
NecD vs CTRL	WP_NAD_METABOLISM_IN_ONCOGENEINDUCED_SENESCENCE_AND_MITOCHONDRIAL_DYSFUNCTIONASSOCIATED_SENESCENCE		2.4	3.2E-06	4.2E-04	3.4E-04
NecD vs CTRL	WP_PROSTAGLANDIN_SIGNALING		2.4	6.7E-06	6.5E-04	5.3E-04
NecD vs CTRL	WP_PATHOGENESIS_OF_SARSCOV2_MEDIATED_BY_NSP9NSP10_COMPLEX		2.4	2.5E-06	3.5E-04	2.8E-04
NecD vs CTRL	WP_POSTCOVID_NEUROINFLAMMATION		2.4	4.4E-06	5.0E-04	4.1E-04
NecD vs CTRL	WP_LDL_INFLUENCE_ON_CD14_AND_TLR4		2.3	8.4E-06	7.5E-04	6.1E-04
NecD vs CTRL	WP_CELLS_AND_MOLECULES_INVOLVED_IN_LOCAL_ACUTE_INFLAMMATORY_RESPONSE		2.3	6.5E-06	6.4E-04	5.2E-04
NecD vs CTRL	WP_LTF_DANGER_SIGNAL_RESPONSE_PATHWAY		2.3	6.4E-05	3.0E-03	2.5E-03
NecD vs CTRL	WP_DEVELOPMENT_AND_HETEROGENEITY_OF_THE_ILC_FAMILY		2.3	2.6E-04	7.7E-03	6.3E-03
NecD vs CTRL	WP_ANTIVIRAL_AND_ANTIINFLAMMATORY_EFFECTS_OF_NRF2_ON_SARSCOV2_PATHWAY		2.3	4.7E-05	2.5E-03	2.1E-03
NecD vs CTRL	WP_LUNG_PATHOLOGY_OF_COVID19		2.3	3.9E-05	2.3E-03	1.9E-03
NecD vs CTRL	WP_SIGNAL_TRANSDUCTION_THROUGH_IL1R		2.2	6.5E-05	3.1E-03	2.5E-03
NecD vs CTRL	WP_ALLOGRAFT_REJECTION		2.2	6.3E-06	6.4E-04	5.2E-04
NecD vs CTRL	WP_2Q13_COPY_NUMBER_VARIATION_SYNDROME		2.2	8.8E-05	3.8E-03	3.1E-03
NecD vs CTRL	WP_NETWORK_MAP_OF_SARSCOV2_SIGNALING		2.2	1.5E-09	1.3E-06	1.1E-06
NecD vs CTRL	WP_SEROTONIN_TRANSPORTER_ACTIVITY		2.2	7.0E-05	3.2E-03	2.6E-03
NecD vs CTRL	WP_STING_PATHWAY_IN_KAWASAKILIKE_DISEASE_AND_COVID19		2.1	9.9E-05	4.1E-03	3.3E-03
NecD vs CTRL	WP_TYPE_II_INTERFERON_SIGNALING		2.1	3.8E-04	9.9E-03	8.1E-03
NecD vs CTRL	WP_MONOAMINE_TRANSPORT		2.1	2.9E-03	3.9E-02	3.2E-02
NecD vs CTRL	WP_ARYL_HYDROCARBON_RECEPTOR_PATHWAY_WP2873		2.1	1.6E-04	5.9E-03	4.8E-03
NecD vs CTRL	WP_TRYPTOPHAN_CATABOLISM_LEADING_TO_NAD_PRODUCTION		2.1	4.2E-04	1.1E-02	8.7E-03
NecD vs CTRL	WP_CATABOLISM_OF_SKELETAL_MUSCLE_IN_CACHEXIA		2.0	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	WP_UNFOLDED_PROTEIN_RESPONSE		2.0	5.9E-04	1.3E-02	1.1E-02
NecD vs CTRL	WP_BURN_WOUND_HEALING		2.0	7.4E-05	3.3E-03	2.7E-03
NecD vs CTRL	WP_NOCGMPPKG_MEDIATED_NEUROPROTECTION		2.0	4.6E-04	1.1E-02	9.3E-03
NecD vs CTRL	WP_COMPLEMENT_AND_COAGULATION_CASCADES		2.0	5.8E-04	1.3E-02	1.1E-02
NecD vs CTRL	WP_DENGUE2_INTERACTIONS_WITH_COMPLEMENT_AND_COAGULATION_CASCADES		2.0	5.0E-04	1.2E-02	9.8E-03
NecD vs CTRL	WP_HEMATOPOIETIC_STEM_CELL_DIFFERENTIATION		2.0	1.4E-03	2.4E-02	2.0E-02
NecD vs CTRL	WP_TH17_CELL_DIFFERENTIATION_PATHWAY		2.0	8.8E-05	3.8E-03	3.1E-03
NecD vs CTRL	WP_CYTOSOLIC_DNASENSING_PATHWAY		2.0	6.0E-04	1.3E-02	1.1E-02
NecD vs CTRL	WP_COMPLEMENTMEDIEDATED_INFLAMMATION_OF_PULMONARY_ALVEOLUS_IN_COVID19_HYPOTHETICAL_PATHWAY		2.0	2.4E-03	3.5E-02	2.8E-02
NecD vs CTRL	WP_MITOCHONDRIAL_LONG_CHAIN_FATTY_ACID_BETAOXIDATION		1.9	1.6E-03	2.6E-02	2.1E-02
NecD vs CTRL	WP_OSTEOCLAST_SIGNALING		1.9	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	WP_MITOCHONDRIAL_FATTY_ACID_OXIDATION_DISORDERS		1.9	3.3E-03	4.1E-02	3.4E-02
NecD vs CTRL	WP_MACROPHAGESTIMULATING_PROTEIN_MSP_SIGNALING		1.9	1.7E-05	1.2E-03	9.7E-04
NecD vs CTRL	WP_SELENIUM_MICRONUTRIENT_NETWORK		1.9	5.2E-04	1.2E-02	9.8E-03
NecD vs CTRL	WP_OSTEOPONTIN_SIGNALING		1.9	6.4E-03	6.3E-02	5.2E-02
NecD vs CTRL	WP_NUCLEOTIDEBINDING_OLIGOMERIZATION_DOMAIN_NOD_PATHWAY		1.8	1.7E-03	2.7E-02	2.2E-02
NecD vs CTRL	WP_FIBRIN_COMPLEMENT_RECEPTOR_3_SIGNALING		1.8	2.0E-03	3.1E-02	2.5E-02
NecD vs CTRL	WP_UROTENSINIMEDIATED_SIGNALING		1.8	5.6E-04	1.3E-02	1.0E-02
NecD vs CTRL	WP_OXIDATIVE_STRESS_RESPONSE		1.8	1.1E-02	8.5E-02	7.0E-02
NecD vs CTRL	WP_IL10_ANTIINFLAMMATORY_SIGNALING		1.8	1.0E-02	8.3E-02	6.8E-02
NecD vs CTRL	WP_IL18_SIGNALING		1.8	7.1E-06	6.7E-04	5.5E-04
NecD vs CTRL	WP_OVERVIEW_OF_NANOPARTICLE_EFFECTS		1.8	8.1E-03	7.2E-02	5.9E-02

NecD vs CTRL	WP_MIRNA_ROLE_IN_IMMUNE_RESPONSE_IN_SEPSIS		1.7	9.9E-03	8.1E-02	6.6E-02
NecD vs CTRL	WP_ ACE_INHIBITOR_PATHWAY		1.7	8.8E-03	7.6E-02	6.2E-02
NecD vs CTRL	WP_11P112_COPY_NUMBER_VARIATION_SYNDROME		1.7	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	WP_OLIGODENDROCYTE_SPECIFICATION_AND_DIFFERENTIATION_LEADING_TO_MYELIN_COMPONENTS_FOR_CNS		1.7	1.9E-02	1.2E-01	1.0E-01
NecD vs CTRL	WP_ ARSENIC_METABOLISM_AND_REACTIVE_OXYGEN_SPECIES_GENERATION		1.7	1.1E-02	8.5E-02	6.9E-02
NecD vs CTRL	WP_TLR4_SIGNALING_AND_TOLERANCE		1.7	5.4E-03	5.7E-02	4.7E-02
NecD vs CTRL	WP_KYNURENINE_PATHWAY_AND_LINKS_TO_CELL_SENESCENCE		1.7	7.6E-03	7.0E-02	5.7E-02
NecD vs CTRL	WP_CANCER_IMMUNOTHERAPY_BY_PD1_BLOCKADE		1.7	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	WP_LEPTIN_AND_ADIPONECTIN		1.7	1.1E-02	8.6E-02	7.0E-02
NecD vs CTRL	WP_DEREGULATION_OF_RAB_AND_RAB_EFFECTOR_GENES_IN_BLADDER_CANCER		1.7	9.4E-03	7.9E-02	6.4E-02
NecD vs CTRL	WP_TOLLLIKE_RECEPTOR_SIGNALING		1.7	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	WP_PPARG_PATHWAY		1.7	9.3E-03	7.8E-02	6.4E-02
NecD vs CTRL	WP_GLUCCORTICOID_BIOSYNTHESIS		1.7	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	WP_NONGENOMIC_ACTIONS_OF_125_DIHYDROXYVITAMIN_D3		1.7	6.5E-03	6.4E-02	5.2E-02
NecD vs CTRL	WP_BLOOD_CLOTTING_CASCADE		1.7	2.0E-02	1.2E-01	1.0E-01
NecD vs CTRL	WP_MINERALOCORTICOID_BIOSYNTHESIS		1.7	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	WP_EBSTEINBARR_VIRUS_LMP1_SIGNALING		1.7	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	WP_MAMMARY_GLAND_DEVELOPMENT_PUBERTY_STAGE_2_OF_4		1.7	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_FOLATE_METABOLISM		1.6	8.9E-03	7.6E-02	6.2E-02
NecD vs CTRL	WP_MIRNA_TARGETS_IN_ECM_AND_MEMBRANE_RECEPTORS		1.6	1.7E-02	1.1E-01	9.1E-02
NecD vs CTRL	WP_TCELL_RECEPTOR_SIGNALING		1.6	3.6E-03	4.5E-02	3.6E-02
NecD vs CTRL	WP_MYOMETRIAL_RELAXATION_AND_CONTRACTION_PATHWAYS		1.6	9.2E-04	1.8E-02	1.5E-02
NecD vs CTRL	WP_CLOCKCONTROLLED_AUTOPHAGY_IN_BONE_METABOLISM		1.6	1.4E-02	1.0E-01	8.2E-02
NecD vs CTRL	WP_CYTOKINECYTOKINE_RECEPTOR_INTERACTION		1.6	8.5E-05	3.7E-03	3.0E-03
NecD vs CTRL	WP_HEPATITIS_C_AND_HEPATOCELLULAR_CARCINOMA		1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_VITAMIN_B12_METABOLISM		1.6	1.3E-02	9.6E-02	7.9E-02
NecD vs CTRL	WP_INFLAMMATORY_BOWEL_DISEASE_SIGNALING		1.6	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_LEPTIN_SIGNALING		1.6	1.2E-02	8.9E-02	7.3E-02
NecD vs CTRL	WP_AMPLIFICATION_AND_EXPANSION_OF_ONCOGENIC_PATHWAYS_AS_METASTATIC_TRAITS		1.6	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	WP_EXTRAFOLLICULAR_AND_FOLLICULAR_B_CELL_ACTIVATION_BY_SARSCOV2		1.6	1.0E-02	8.2E-02	6.7E-02
NecD vs CTRL	WP_NCRNAS_INVOLVED_IN_STAT3_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA		1.5	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	WP_IDO_METABOLIC_PATHWAY		1.5	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_IL1_SIGNALING		1.5	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_ACQUIRED_PARTIAL_LIPODYSTROPHY_BARRAQUERSIMONS_SYNDROME		1.5	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_NEPHROTIC_SYNDROME		1.5	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	WP_NUCLEAR_RECEPTORS_METAPATHWAY		1.5	2.5E-04	7.4E-03	6.1E-03
NecD vs CTRL	WP_PLURIPOTENT_STEM_CELL_DIFFERENTIATION_PATHWAY		1.5	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_FOCAL_ADHESION		1.5	4.8E-03	5.2E-02	4.3E-02
NecD vs CTRL	WP_CELL_INTERACTIONS_OF_THE_PANCREATIC_CANCER_MICROENVIRONMENT		1.5	3.3E-02	1.7E-01	1.4E-01
NecD vs CTRL	WP_VITAMIN_D_RECEPTOR_PATHWAY		1.5	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	WP_PROSTAGLANDIN_SYNTHESIS_AND_REGULATION		1.5	3.1E-02	1.7E-01	1.4E-01
NecD vs CTRL	WP_CCL18_SIGNALING		1.5	5.3E-02	2.3E-01	1.9E-01
NecD vs CTRL	WP_OREXIN_RECEPTOR_PATHWAY		1.5	2.6E-03	3.7E-02	3.0E-02
NecD vs CTRL	WP_TGFBETA_RECEPTOR_SIGNALING		1.4	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	WP_TRYPTOPHAN_METABOLISM		1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	WP_EBOLA_VIRUS_INFECTION_IN_HOST		1.4	1.0E-02	8.3E-02	6.7E-02
NecD vs CTRL	WP_TGFBETA_RECEPTOR_SIGNALING_IN_SKELETAL_DYSPLASIAS		1.4	2.9E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_NONALCOHOLIC_FATTY_LIVER_DISEASE		1.4	5.0E-03	5.4E-02	4.4E-02
NecD vs CTRL	WP_ALTERNATIVE_PATHWAY_OF_FETAL_ANDROGEN_SYNTHESIS		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_FATTY_ACID_BETAOXIDATION		1.4	4.5E-02	2.1E-01	1.7E-01
NecD vs CTRL	WP_STRIATED_MUSCLE_CONTRACTION_PATHWAY		1.4	4.4E-02	2.1E-01	1.7E-01

NecD vs CTRL	WP_TYROBP_CAUSAL_NETWORK_IN_MICROGLIA		1.4	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	WP_PRIMARY_FOCAL_SEGMENTAL_GLOMERULOSCLEROSIS_FSGS		1.4	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_COMPLEMENT_SYSTEM		1.4	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	WP_TRANSCRIPTION_FACTOR_REGULATION_IN_ADIPOGENESIS		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_NAD_METABOLISM		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_16P112_DISTAL_DELETION_SYNDROME		1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	WP_COMPLEMENT_ACTIVATION		1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_ESTROGEN_RECEPTOR_PATHWAY		1.4	1.3E-01	4.0E-01	3.2E-01
NecD vs CTRL	WP_RETINOL_METABOLISM		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_2Q37_COPY_NUMBER_VARIATION_SYNDROME		1.4	2.1E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_SELECTIVE_EXPRESSION_OF_CHEMOKINE_RECEPTORS_DURING_TCELL_POLARIZATION		1.4	8.4E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_TRANSCRIPTIONAL_ACTIVATION_BY_NRF2_IN_RESPONSE_TO_PHYTOCHEMICALS		1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_SUDDEN_INFANT_DEATH_SYNDROME_SIDS_SUSCEPTIBILITY_PATHWAYS		1.4	2.4E-02	1.4E-01	1.1E-01
NecD vs CTRL	WP_CHRONIC_HYPERGLYCEMIA_IMPAIRMENT_OF_NEURON_FUNCTION		1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	WP_AUTOSOMAL_RECESSIVE_OSTEOPETROSIS_PATHWAYS		1.4	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_MRNA_VACCINE_ACTIVATION_OF_DENDRITIC_CELL_AND_INDUCION_OF_IFN1		1.4	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	WP_INTERACTIONS_BETWEEN_IMMUNE_CELLS_AND_MICRORNAS_IN_TUMOR_MICROENVIRONMENT		1.4	1.0E-01	3.4E-01	2.7E-01
NecD vs CTRL	WP_ACUTE_VIRAL_MYOCARDITIS		1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_SPINAL_CORD_INJURY		1.4	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	WP_TGFB_SMAD_SIGNALING		1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	WP_THERMOGENESIS		1.3	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	WP_MEASLES_VIRUS_INFECTION		1.3	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	WP_T_CELL_MODULATION_IN_PANCREATIC_CANCER		1.3	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_VITAMIN_A_AND_CAROTENOID_METABOLISM		1.3	7.7E-02	2.9E-01	2.4E-01
NecD vs CTRL	WP_AFFECTED_PATHWAYS_IN_DUCHENNE_MUSCULAR_DYSTROPHY		1.3	5.7E-02	2.4E-01	2.0E-01
NecD vs CTRL	WP_TOLLLIKE_RECEPTOR_SIGNALING_RELATED_TO_MXD88		1.3	1.1E-01	3.5E-01	2.9E-01
NecD vs CTRL	WP_TNFRELATED_WEAK_INDUCER_OF_APOPTOSIS_TWEAK_SIGNALING		1.3	8.7E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_FGF23_SIGNALING_IN_HYPOPHOSPHATEMIC_RICKETS_AND_RELATED_DISORDERS		1.3	1.3E-01	4.0E-01	3.3E-01
NecD vs CTRL	WP_EXTRACELLULAR_VESICLES_IN_THE_CROSSTALK_OF_CARDIAC_CELLS		1.3	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	WP_SARSCOV2_INNATE_IMMUNITY_EVASION_AND_CELLSPECIFIC_IMMUNE_RESPONSE		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_HYPOTHESIZED_PATHWAYS_IN_PATHOGENESIS_OF_CARDIOVASCULAR_DISEASE		1.3	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	WP_PROSURNIVAL_SIGNALING_OF_NEUROPROTECTIN_D1		1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_PANCREATIC_CANCER_SUBTYPES		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_DIFFERENTIATION_OF_WHITE_AND_BROWN_ADIPOCYTE		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	WP_METAPATHWAY_BIOTRANSFORMATION_PHASE_I_AND_II		1.3	2.3E-02	1.4E-01	1.1E-01
NecD vs CTRL	WP_TYPE_I_INTERFERON_INDUCION_AND_SIGNALING_DURING_SARSCOV2_INFECTION		1.3	1.3E-01	3.9E-01	3.1E-01
NecD vs CTRL	WP_INFLAMMATORY_RESPONSE_PATHWAY		1.3	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	WP_PHOTODYNAMIC_THERAPYINDUCED_HIF1_SURVIVAL_SIGNALING		1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_INDUCION_OF_AUTOPHAGY_AND_TOLLLIKE_RECEPTOR_SIGNALING_BY_GRAPHENE_OXIDE		1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_ENTEROHEPATIC_CIRCULATION_OF_BILE_ACIDS		1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_PEPTIDE_GPCRS		1.3	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_MXD88_DISTINCT_INPUTOUTPUT_PATHWAY		1.3	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	WP_FOXP3_IN_COVID19		1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	WP_AEROBIC_GLYCOLYSIS_AUGMENTED		1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_CONTROL_OF_IMMUNE_TOLERANCE_BY_VASOACTIVE_INTESTINAL_PEPTIDE		1.3	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_SARSCOV2_MITOCHONDRIAL_CHRONIC_OXIDATIVE_STRESS_AND_ENDOTHELIAL_DYSFUNCTION		1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_DISORDERS_OF_BILE_ACID_SYNTHESIS_AND_BILIARY_TRANSPORT		1.2	1.9E-01	4.8E-01	4.0E-01
NecD vs CTRL	WP_HYPERTROPHY_MODEL		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_OSTEOARTHRITIC_CHONDROCYTE_HYPERTROPHY		1.2	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_NEUROINFLAMMATION_AND_GLUTAMATERGIC_SIGNALING		1.2	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_DISORDERS_OF_GALACTOSE_METABOLISM		1.2	2.2E-01	5.1E-01	4.2E-01

NecD vs CTRL	WP_COPPER_HOMEOSTASIS		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	WP_PATHOGENIC_ESCHERICHIA_COLI_INFECTION		1.2	1.8E-01	4.6E-01	3.7E-01
NecD vs CTRL	WP_QUERCETIN_AND_NFKB_AP1_INDUCED_APOPTOSIS		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	WP_NANOPARTICLEMEDIATED_ACTIVATION_OF_RECEPTOR_SIGNALING		1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_NRF2_PATHWAY		1.2	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_TCELL_ANTIGEN_RECEPTOR_TCR_PATHWAY_DURING_STAPHYLOCOCCUS_AUREUS_INFECTION		1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONAVIRUSES_AUTOPHAGY		1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	WP_MITOCHONDRIAL_COMPLEX_IV_ASSEMBLY		1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	WP_TROP2_REGULATORY_SIGNALING		1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_PHOTODYNAMIC_THERAPYINDUCED_UNFOLDED_PROTEIN_RESPONSE		1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_NPHP1_DELETION_SYNDROME		1.2	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	WP_VEGFAVEGFR2_SIGNALING		1.2	1.6E-02	1.1E-01	8.8E-02
NecD vs CTRL	WP_BIOSYNTHESIS_AND_REGENERATION_OF_TETRAHYDROBIPTERIN_AND_CATABOLISM_OF_PHENYLALANINE		1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_H19_RBE2F1_AND_CDKBETACATENIN_IN_COLORECTAL_CANCER		1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_ZINC_HOMEOSTASIS		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_INFLUENCE_OF_LAMINOPATHIES_ON_WNT_SIGNALING		1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_PURINE_METABOLISM_AND_RELATED_DISORDERS		1.2	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_INTERACTIONS_BETWEEN_LOXL4_AND_OXIDATIVE_STRESS_PATHWAY		1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_AIRWAY_SMOOTH_MUSCLE_CELL_CONTRACTION		1.1	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	WP_GENES_ASSOCIATED_WITH_THE_DEVELOPMENT_OF_RHEUMATOID_ARTHRITIS		1.1	2.6E-01	5.5E-01	4.4E-01
NecD vs CTRL	WP_AMINO_ACID_METABOLISM		1.1	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_PLEURAL_MESOTHELIOMA		1.1	4.7E-02	2.1E-01	1.7E-01
NecD vs CTRL	WP_MITOCHONDRIAL_IMMUNE_RESPONSE_TO_SARSCOV2		1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	WP_NRF2ARE_REGULATION		1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	WP_MIR5093P_ALTERATION_OF_YAP1ECM_AXIS		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_DNA_MISMATCH_REPAIR		1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	WP_MALE_STERIOD_HORMONES_IN_CARDIOMYOCYTE_ENERGY_METABOLISM		1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	WP_NOVEL_INTRACELLULAR_COMPONENTS_OF_RIGILIKE_RECEPTOR_PATHWAY		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_NANOPARTICLE_TRIGGERED_REGULATED_NECROSIS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_AEROBIC_GLYCOLYSIS		1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_PARKINUBIQUITIN_PROTEASOMAL_SYSTEM_PATHWAY		1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_CONGENITAL_GENERALIZED_LIPODYSTROPHY		1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	WP_COMPLEMENT_SYSTEM_IN_NEURONAL_DEVELOPMENT_AND_PLASTICITY		1.1	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_DRUG_INDUCED_OF_BILE_ACID_PATHWAY		1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	WP_OMEGA6FATTY_ACIDS_IN_SENESCENCE		1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_IL6_SIGNALING		1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	WP_COVID19_STRUCTURAL_COVERAGE_MAP		1.0	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	WP_PREGNANE_X_RECEPTOR_PATHWAY		1.0	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_THYMIC_STROMAL_LYMPHOPOIETIN_TSLP_SIGNALING		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_UREA_CYCLE_AND_ASSOCIATED_PATHWAYS		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_GENETIC_CAUSES_OF_PORTOSINUSOIDAL_VASCULAR_DISEASE		1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_MARKERS_OF_KIDNEY_CELL_LINEAGE		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_SARSCOV2_AND_COVID19_PATHWAY		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_EICOSANOID_METABOLISM_VIA_LIPOXYGENASES_LOX		1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR_SIGNALING		1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_2Q112_COPY_NUMBER_VARIATION_SYNDROME		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_GALANIN_RECEPTOR_PATHWAY		1.0	4.4E-01	6.9E-01	5.7E-01
NecD vs CTRL	WP_LIPID_METABOLISM_IN_SENESCENT_CELLS		1.0	4.3E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_MFAP5_EFFECT_ON_PERMEABILITY_AND_MOTILITY_OF_ENDOTHELIAL_CELLS_VIA_CYTOSKELETON_REARRANGEMENT		1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONAVIRUSES_INTERFERON_INDUCTION		1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_OSTEOBLAST_SIGNALING		1.0	4.6E-01	7.1E-01	5.8E-01

NecD vs CTRL	WP_MFAP5MEDIATED_OVARIAN_CANCER_CELL_MOTILITY_AND_INVASIVENESS		1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	WP_ALZHEIMERS_DISEASE		1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_ALZHEIMERS_DISEASE_AND_MIRNA_EFFECTS		1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_EICOSANOID_SYNTHESIS		1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	WP_OXIDATION_BY_CYTOCHROME_P450		1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	WP_PROXIMAL_TUBULE_TRANSPORT		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	WP_GPCRS_CLASS_A_RHODOPSINLIKE		1.0	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	WP_SARS_CORONAVIRUS_AND_INNATE_IMMUNITY		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_CAMKK2_PATHWAY		1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	WP_PHOTODYNAMIC_THERAPYINDUCED_NFE2L2_NRF2_SURVIVAL_SIGNALING		1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	WP_NAD_BIOSYNTHETIC_PATHWAYS		1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_NEUROINFLAMMATION		1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_TYPE_II_DIABETES_MELLITUS		1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_CALCIIUM_MEDIATED_TCELL_APOPTOSIS_INVOLVED_IN_INCLUSION_BODY_MYOSITIS		0.9	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_LACTATE_SHUTTLE_IN_GLIAL_CELLS		0.9	5.4E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_RIBOFLAVIN_AND_COQ_DISORDERS		0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_EICOSANOID_METABOLISM_VIA_CYCLOOXYGENASES_COX		0.9	5.7E-01	7.9E-01	6.4E-01
NecD vs CTRL	WP_PREIMPLANTATION_EMBRYO		0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_NAD_METABOLISM_SIRTUINS_AND_AGING		0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_TYPE_III_INTERFERON_SIGNALING		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	WP_BMP2WNT4FOXO1_PATHWAY_IN_PRIMARY_ENDOMETRIAL_STROMAL_CELL_DIFFERENTIATION		0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	WP_DISORDERS_OF_FOLATE_METABOLISM_AND_TRANSPORT		0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_TNFA_PATHWAY_SIGNALING		0.9	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	WP_RUBINSTEINTAYBI_SYNDROME_1		0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_FACTORS_AND_PATHWAYS_AFFECTING_INSULINLIKE_GROWTH_FACTOR_IGF1AKT_SIGNALING		0.9	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	WP_OXYSTEROLS_DERIVED_FROM_CHOLESTEROL		0.9	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	WP_OXIDATIVE_DAMAGE_RESPONSE		0.9	7.3E-01	8.8E-01	7.1E-01
NecD vs CTRL	WP_8P231_COPY_NUMBER_VARIATION_SYNDROME		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	WP_ULCERATIVE_COLITIS_SIGNALING		0.8	6.6E-01	8.3E-01	6.8E-01
NecD vs CTRL	WP_LEUKOTRIENE_METABOLIC_PATHWAY		0.8	6.5E-01	8.3E-01	6.7E-01
NecD vs CTRL	WP_PARKINSONS_DISEASE_PATHWAY		0.8	7.3E-01	8.8E-01	7.2E-01
NecD vs CTRL	WP_GASTRIC_ACID_PRODUCTION		0.8	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	WP_CARDIOMYOCYTE_SIGNALING_CONVERGING_ON_TITIN		0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	WP_MAMMARY_GLAND_DEVELOPMENT_EMBRYONIC_DEVELOPMENT_STAGE_1_OF_4		0.8	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	WP_ELECTRON_TRANSPORT_CHAIN_OXPHOS_SYSTEM_IN_MITOCHONDRIA		0.8	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_16P112_PROXIMAL_DELETION_SYNDROME		0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	WP_CONSTITUTIVE_ANDROSTANE_RECEPTOR_PATHWAY		0.8	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_SPHINGOLIPID_PATHWAY		0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	WP_IRON_METABOLISM_DISORDERS		0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	WP_PI3KAKTMTOR_VITAMIN_D3_SIGNALING		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	WP_T_CELL_RECEPTOR_AND_COSTIMULATORY_SIGNALING		0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_INHIBITION_OF_EXOSOME_BIOGENESIS_AND_SECRETION_BY_MANUMYCIN_A_IN_CRPC_CELLS		0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	WP_MELATONIN_METABOLISM_AND_EFFECTS		0.8	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	WP_BIOMARKERS_FOR_UREA_CYCLE_DISORDERS		0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	WP_CORI_CYCLE		0.7	8.1E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_RESOLVIN_E1_AND_RESOLVIN_D1_SIGNALING_DECREASE_INFLAMMATION		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_TAMOXIFEN_METABOLISM		0.7	8.3E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_VITAMIN_D_METABOLISM		0.7	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_ESTROGEN_METABOLISM_WP697		0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	WP_SENESCENCEASSOCIATED_SECRETORY_PHENOTYPE_SASP		0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_PATHWAYS_OF_NUCLEIC_ACID_METABOLISM_AND_INNATE_IMMUNE_SENSING		0.7	8.6E-01	9.4E-01	7.7E-01

NecD vs CTRL	WP_SULFATION_BIOTRANSFORMATION_REACTION		0.7	8.7E-01	9.4E-01	7.7E-01
NecD vs CTRL	WP_SPHINGOLIPID_METABOLISM_OVERVIEW		0.7	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_PHYSIOLOGICAL_AND_PATHOLOGICAL_HYPERTROPHY_OF_THE_HEART		0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_PROTEASOME_DEGRADATION		0.7	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_HIPPOCAMPAL_SYNAPTOGENESIS_AND_NEUROGENESIS		0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_INTRAFLAGELLAR_TRANSPORT_PROTEINS_BINDING_TO_DYNEIN		0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_FATTY_ACID_OMEGA_OXIDATION		0.7	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	WP_17P133_YWHAЕ_COPY_NUMBER_VARIATION		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_PYRIMIDINE_METABOLISM		0.6	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_MITOCHONDRIAL_COMPLEX_I_ASSEMBLY_MODEL_OXPHOS_SYSTEM		0.6	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_KREBS_CYCLE_DISORDERS		0.6	9.1E-01	9.6E-01	7.9E-01
NecD vs CTRL	WP_DISORDERS_OF_FRUCTOSE_METABOLISM		0.6	9.2E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_2Q211_COPY_NUMBER_VARIATION_SYNDROME		0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_INTERLEUKIN1_INDUCED_ACTIVATION_OF_NFKB		0.6	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_VASOPRESSINREGULATED_WATER_REABSORPTION		0.6	9.9E-01	1.0E+00	8.2E-01
NecD vs CTRL	WP_NSP1_FROM_SARSCOV2_INHIBITS_TRANSLATION_INITIATION_IN_THE_HOST_CELL		0.6	9.5E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_MONOAMINE_GPCRS		0.5	9.8E-01	1.0E+00	8.2E-01
NecD vs CTRL	WP_CYTOPLASMIC_RIBOSOMAL_PROTEINS		0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_PTDINS45P2_IN_CYTOKINESIS_PATHWAY		0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_MITOCHONDRIAL_COMPLEX_III_ASSEMBLY		-0.3	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_PURINE_METABOLISM		-0.4	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_TRANSLATION_FACTORS		-0.5	1.0E+00	1.0E+00	8.2E-01
NecD vs CTRL	WP_6Q16_COPY_NUMBER_VARIATION		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_GLYCOLYSIS_IN_SENESCENCE		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_PGK1_PKM2_KHKCKHKA_ACTING_AS_PROTEIN_KINASES		-0.5	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_NEOLACTO_SERIES_SPHINGOLIPID_METABOLISM		-0.5	9.7E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_ATR_SIGNALING		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_TCA_CYCLE_AKA_KREBS_OR_CITRIC_ACID_CYCLE		-0.6	9.8E-01	1.0E+00	8.1E-01
NecD vs CTRL	WP_VITAMIN_K_METABOLISM_AND_ACTIVATION_OF_DEPENDENT_PROTEINS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_IMMUNE_RESPONSE_TO_TUBERCULOSIS		-0.6	9.5E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_AUTOPHAGY		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_EPO_RECEPTOR_SIGNALING		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_AUTOPHAGY_IN_PANCREATIC_DUCTAL_ADENOCARCINOMA		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_NEUROTRANSMITTER_DISORDERS		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_BIOMARKERS_FOR_PYRIMIDINE_METABOLISM_DISORDERS		-0.6	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_CLASSICAL_PATHWAY_OF_STEROIDOGENESIS_WITH_GLUCCORTICOID_AND_MINERALOCORTICOID_METABOLISM		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_OXIDATIVE_PHOSPHORYLATION		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_GLYCOSYLATION_AND_RELATED_CONGENITAL_DEFECTS		-0.6	9.4E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_GLYCOLYSIS_AND_GLUCCONEOGENESIS		-0.6	9.6E-01	9.9E-01	8.1E-01
NecD vs CTRL	WP_THYROXINE_THYROID_HORMONE_PRODUCTION		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_FAS_LIGAND_PATHWAY_AND_STRESS_INDUCED_OF_HEAT_SHOCK_PROTEINS		-0.6	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_IL19_SIGNALING		-0.7	9.3E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_HOMOLOGOUS_RECOMBINATION		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_OCTADECANOID_FORMATION_FROM_LINOLEIC_ACID		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_8Q1123_RB1CC1_COPY_NUMBER_VARIATION		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	WP_NICOTINE_EFFECT_ON_DOPAMINERGIC_NEURONS		-0.7	8.9E-01	9.5E-01	7.8E-01
NecD vs CTRL	WP_G13_SIGNALING		-0.7	9.1E-01	9.7E-01	7.9E-01
NecD vs CTRL	WP_15Q133_COPY_NUMBER_VARIATION_SYNDROME		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_VITAMIN_B12_DISORDERS		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	WP_SPHINGOLIPID_METABOLISM_INTEGRATED_PATHWAY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_NANOMATERIAL_INDUCED_APOPTOSIS		-0.7	8.6E-01	9.4E-01	7.7E-01

NecD vs CTRL	WP_MODULATION_OF_PI3KAKTMTOR_SIGNALING_BY_BIOACTIVE_SPHINGOLIPIDS		-0.7	8.6E-01	9.4E-01	7.7E-01
NecD vs CTRL	WP_ESTROGEN_METABOLISM_WP5276		-0.7	8.7E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_RELATIONSHIP_BETWEEN_INFLAMMATION_COX2_AND_EGFR		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_REGUCALCIN_IN_PROXIMAL_TUBULE_EPITHELIAL_KIDNEY_CELLS		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_SLEEP_REGULATION		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_SYNAPTIC_VESICLE_PATHWAY		-0.7	9.0E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_NEOVASCULARIZATION_PROCESSES		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_MAJOR_RECEPTORS_TARGETED_BY_EPINEPHRINE_AND_NOREPINEPHRINE		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_17Q12_COPY_NUMBER_VARIATION_SYNDROME		-0.7	9.3E-01	9.8E-01	8.0E-01
NecD vs CTRL	WP_NEURODEGENERATION_WITH_BRAIN_IRON_ACCUMULATION_NBIA_SUBTYPES_PATHWAY		-0.7	8.8E-01	9.5E-01	7.8E-01
NecD vs CTRL	WP_HIPPOYAP_SIGNALING		-0.7	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	WP_AGERAGE_PATHWAY		-0.7	8.9E-01	9.6E-01	7.8E-01
NecD vs CTRL	WP_7Q1123_DISTAL_COPY_NUMBER_VARIATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	WP_RENINANGIOTENSINALDOSTERONE_SYSTEM_RAAS		-0.7	8.8E-01	9.5E-01	7.7E-01
NecD vs CTRL	WP_NANOPARTICLE_TRIGGERED_AUTOPHAGIC_CELL_DEATH		-0.7	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_GLYCOGEN_SYNTHESIS_AND_DEGRADATION		-0.7	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	WP_GLYOXYLATE_METABOLISM		-0.7	7.8E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_CANONICAL_AND_NONCANONICAL_TGFB_SIGNALING		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	WP_INTERACTIONS_OF_NATURAL_KILLER_CELLS_IN_PANCREATIC_CANCER		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_GLYCINE_METABOLISM_INCLUDING_IMDS		-0.8	7.8E-01	9.0E-01	7.4E-01
NecD vs CTRL	WP_DNA_REPLICATION		-0.8	8.3E-01	9.3E-01	7.6E-01
NecD vs CTRL	WP_WARBURG_EFFECT_MODULATED_BY_DEUBIQUITINATING_ENZYMES_AND_THEIR_SUBSTRATES		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_DEGRADATION_PATHWAY_OF_SPHINGOLIPIDS_INCLUDING_DISEASES		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	WP_BMP_SIGNALING_IN_EYELID_DEVELOPMENT		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	WP_RALA_DOWNSTREAM_REGULATED_GENES		-0.8	7.6E-01	8.9E-01	7.3E-01
NecD vs CTRL	WP_3Q29_COPY_NUMBER_VARIATION_SYNDROME		-0.8	8.4E-01	9.3E-01	7.6E-01
NecD vs CTRL	WP_FOLLICLE_STIMULATING_HORMONE_FSH_SIGNALING		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	WP_DISRUPTION_OF_POSTSYNAPTIC_SIGNALING_BY_CNV		-0.8	8.0E-01	9.1E-01	7.4E-01
NecD vs CTRL	WP_IL17_SIGNALING		-0.8	8.0E-01	9.1E-01	7.5E-01
NecD vs CTRL	WP_7Q1123_COPY_NUMBER_VARIATION_SYNDROME		-0.8	8.5E-01	9.4E-01	7.6E-01
NecD vs CTRL	WP_JAKSTAT_SIGNALING_IN_THE_REGULATION_OF_BETA_CELLS		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_FGFR3_SIGNALING_IN_CHONDROCYTE_PROLIFERATION_AND_TERMINAL_DIFFERENTIATION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_COMMON_PATHWAYS_UNDERLYING_DRUG_ADDICTION		-0.8	7.7E-01	9.0E-01	7.3E-01
NecD vs CTRL	WP_RAC1PAK1P38MMP2_PATHWAY		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_SELENIUM_METABOLISM_AND_SELENOPROTEINS		-0.8	7.5E-01	8.9E-01	7.3E-01
NecD vs CTRL	WP_7OXOC_AND_7BETAHC_PATHWAYS		-0.8	7.5E-01	8.9E-01	7.2E-01
NecD vs CTRL	WP_NEPHROGENESIS		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	WP_IRON_METABOLISM_IN_PLACENTA		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	WP_VITAMIN_D_IN_INFLAMMATORY_DISEASES		-0.8	7.2E-01	8.7E-01	7.1E-01
NecD vs CTRL	WP_PRIMARY_OVARIAN_INSUFFICIENCY		-0.8	8.2E-01	9.2E-01	7.5E-01
NecD vs CTRL	WP_HDAC6_INTERACTIONS_IN_THE_CENTRAL_NERVOUS_SYSTEM		-0.8	7.9E-01	9.1E-01	7.4E-01
NecD vs CTRL	WP_MATRIX_METALLOPROTEINASES		-0.8	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	WP_MICROGLIA_PATHOGEN_PHAGOCYTOSIS_PATHWAY		-0.8	7.0E-01	8.6E-01	7.1E-01
NecD vs CTRL	WP_IL3_SIGNALING		-0.8	7.1E-01	8.7E-01	7.1E-01
NecD vs CTRL	WP_TCELL_ACTIVATION_SARSCOV2		-0.8	7.4E-01	8.8E-01	7.2E-01
NecD vs CTRL	WP_GLUCURONIDATION		-0.9	6.6E-01	8.4E-01	6.8E-01
NecD vs CTRL	WP_NRP1TRIGGERED_SIGNALING_IN_PANCREATIC_CANCER		-0.9	6.9E-01	8.6E-01	7.0E-01
NecD vs CTRL	WP_PDGF_PATHWAY		-0.9	6.9E-01	8.5E-01	7.0E-01
NecD vs CTRL	WP_PROSTAGLANDIN_AND_LEUKOTRIENE_METABOLISM_IN_SENESCENCE_WP5122		-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	WP_GPR40_PATHWAY		-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_MICROTUBULE_CYTOSKELETON_REGULATION		-0.9	6.5E-01	8.3E-01	6.8E-01

NecD vs CTRL	WP_THYROID_HORMONES_PRODUCTION_AND_PERIPHERAL_DOWNSTREAM_SIGNALING_EFFECTS	-0.9	7.0E-01	8.6E-01	7.0E-01
NecD vs CTRL	WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONAVIRUSES_MAPK_SIGNALING	-0.9	6.5E-01	8.3E-01	6.8E-01
NecD vs CTRL	WP_NITRIC_OXIDE_METABOLISM_IN_CYSTIC_FIBROSIS	-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_GENES_CONTROLLING_NEPHROGENESIS	-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_INITIATION_OF_TRANSCRIPTION_AND_TRANSLATION_ELONGATION_AT_THE_HIV1_LTR	-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_GPCRS_CLASS_C_METABOTROPIC_GLUTAMATE_PHEROMONE	-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	WP_ERK_PATHWAY_IN_HUNTINGTONS_DISEASE	-0.9	6.0E-01	8.0E-01	6.6E-01
NecD vs CTRL	WP_APOPTOSISRELATED_NETWORK_DUE_TO_ALTERED_NOTCH3_IN_OVARIAN_CANCER	-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_RESISTIN_AS_A_REGULATOR_OF_INFLAMMATION	-0.9	6.3E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_15Q11Q13_COPY_NUMBER_VARIATION	-0.9	6.4E-01	8.3E-01	6.7E-01
NecD vs CTRL	WP_ANDROGEN_RECEPTOR_SIGNALING	-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_PROSTAGLANDIN_AND_LEUKOTRIENE_METABOLISM_IN_SENESCENCE_WP5321	-0.9	6.1E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_GENES_RELATED_TO_PRIMARY_CILIUM_DEVELOPMENT_BASED_ON_CRISPR	-0.9	6.4E-01	8.2E-01	6.7E-01
NecD vs CTRL	WP_PRADERWILLI_AND_ANGELMAN_SYNDROME	-0.9	6.2E-01	8.1E-01	6.6E-01
NecD vs CTRL	WP_ENDOPLASMIC_RETICULUM_STRESS_RESPONSE_IN_CORONAVIRUS_INFECTION	-0.9	5.9E-01	8.0E-01	6.5E-01
NecD vs CTRL	WP_CILIARY_LANDSCAPE	-0.9	6.8E-01	8.5E-01	6.9E-01
NecD vs CTRL	WP_MAPK_AND_NFKB_SIGNALING_INHIBITED_BY_YERSINIA_YOPJ	-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_WNT_SIGNALING_IN_KIDNEY_DISEASE	-0.9	6.0E-01	8.0E-01	6.5E-01
NecD vs CTRL	WP_NONHOMOLOGOUS_END_JOINING	-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_PAFAH1B1_COPY_NUMBER_VARIATION	-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	WP_NUCLEOTIDE_EXCISION_REPAIR	-0.9	5.9E-01	7.9E-01	6.5E-01
NecD vs CTRL	WP_PHOSPHODIESTERASES_IN_NEURONAL_FUNCTION	-0.9	6.1E-01	8.0E-01	6.6E-01
NecD vs CTRL	WP_DOPAMINE_METABOLISM	-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	WP_CANNABINOID_RECEPTOR_SIGNALING	-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	WP_ESTROGEN_SIGNALING	-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	WP_JOUBERT_SYNDROME	-0.9	5.8E-01	7.9E-01	6.4E-01
NecD vs CTRL	WP_GLUCCORTICOID_RECEPTOR_PATHWAY	-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	WP_HOSTPATHOGEN_INTERACTION_OF_HUMAN_CORONAVIRUSES_APOPTOSIS	-0.9	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	WP_ETHER_LIPID_BIOSYNTHESIS	-0.9	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_MIRNA_REGULATION_OF_PROSTATE_CANCER_SIGNALING	-0.9	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_PHYSICOCHEMICAL_FEATURES_AND_TOXICITYASSOCIATED_PATHWAYS	-1.0	5.7E-01	7.8E-01	6.4E-01
NecD vs CTRL	WP_APOPTOSIS_MODULATION_BY_HSP70	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_EXTRACELLULAR_VESICLEMEDIATED_SIGNALING_IN_RECIPIENT_CELLS	-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_REGULATION_OF_SISTER_CHROMATID_SEPARATION_AT_THE_METAPHASEANAPHASE_TRANSITION	-1.0	5.2E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_INTRACELLULAR_TRAFFICKING_PROTEINS_INVOLVED_IN_CMT_NEUROPATHY	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_GASTRIN_SIGNALING	-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_GENE_REGULATORY_NETWORK_MODELING_SOMITOGENESIS	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_10Q22Q23_COPY_NUMBER_VARIATION	-1.0	5.5E-01	7.7E-01	6.3E-01
NecD vs CTRL	WP_NGLYCAN_BIOSYNTHESIS	-1.0	5.4E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_PERTURBATIONS_TO_HOSTCELL_AUTOPHAGY_INDUCED_BY_SARSCOV2_PROTEINS	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_MECHANOREGULATION_AND_PATHOLOGY_OF_YAPTAZ_VIA_HIPPO_AND_NONHIPPO_MECHANISMS	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_SMITHMAGENIS_AND_POTOCKILUPSKI_SYNDROME_COPY_NUMBER_VARIATION	-1.0	5.6E-01	7.8E-01	6.3E-01
NecD vs CTRL	WP_MRNA_PROCESSING	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_SEROTONIN_AND_ANXIETY	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_BDNFTRKB_SIGNALING	-1.0	5.2E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_APOPTOSIS_MODULATION_AND_SIGNALING	-1.0	5.3E-01	7.6E-01	6.2E-01
NecD vs CTRL	WP_ONECARBON_METABOLISM	-1.0	5.1E-01	7.5E-01	6.1E-01
NecD vs CTRL	WP_NEURAL_CRESCENT_CELL_MIGRATION_DURING_DEVELOPMENT	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_15Q25_COPY_NUMBER_VARIATION	-1.0	5.0E-01	7.4E-01	6.1E-01
NecD vs CTRL	WP_RANKLRANK_SIGNALING	-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_ANGIOTENSIN_II_RECEPTOR_TYPE_1_PATHWAY	-1.0	5.0E-01	7.4E-01	6.1E-01

NecD vs CTRL	WP_GASTRIC_CANCER_NETWORK_2		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_GLYCOSPHINGOLIPID_METABOLISM		-1.0	5.0E-01	7.4E-01	6.0E-01
NecD vs CTRL	WP_NUCLEOTIDE_EXCISION_REPAIR_IN_XERODERMA_PIGMENTOSUM		-1.0	4.9E-01	7.3E-01	6.0E-01
NecD vs CTRL	WP_B_CELL_RECEPTOR_SIGNALING		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	WP_POLYCYSTIC_KIDNEY_DISEASE_PATHWAY		-1.0	4.8E-01	7.3E-01	6.0E-01
NecD vs CTRL	WP_HAIR_FOLLICLE_DEVELOPMENT_CYTODIFFERENTIATION_STAGE_3_OF_3		-1.0	4.7E-01	7.2E-01	5.9E-01
NecD vs CTRL	WP_INTEGRINMEDIATED_CELL_ADHESION		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	WP_ALANINE_AND_ASPARTATE_METABOLISM		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	WP_UREA_CYCLE_AND_METABOLISM_OF_AMINO_GROUPS		-1.0	4.8E-01	7.3E-01	5.9E-01
NecD vs CTRL	WP_BARDETBIEDL_SYNDROME		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_10Q1121Q1123_COPY_NUMBER_VARIATION_SYNDROME		-1.0	4.6E-01	7.1E-01	5.8E-01
NecD vs CTRL	WP_ONCOSTATIN_M_SIGNALING		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_NUCLEAR_RECEPTORS		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_APOPTOSIS		-1.0	4.5E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_TYPE_2_PAPILLARY_RENAL_CELL_CARCINOMA		-1.0	4.5E-01	7.1E-01	5.8E-01
NecD vs CTRL	WP_LEUCINE_ISOLEUCINE_AND_VALINE_METABOLISM		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	WP_MET_IN_TYPE_1_PAPILLARY_RENAL_CELL_CARCINOMA		-1.0	4.4E-01	7.0E-01	5.7E-01
NecD vs CTRL	WP_WHITE_FAT_CELL_DIFFERENTIATION		-1.0	4.3E-01	6.9E-01	5.6E-01
NecD vs CTRL	WP_PHOTODYNAMIC_THERAPYINDUCED_AP1_SURVIVAL_SIGNALING		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_CILIOPATHIES		-1.0	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_ENDOTHELIN_PATHWAYS		-1.0	4.2E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_SILDENAFIL_TREATMENT		-1.0	4.2E-01	6.8E-01	5.6E-01
NecD vs CTRL	WP_TRANSCRIPTIONAL_CASCADE_REGULATING_ADIPOGENESIS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_GDNFRET_SIGNALING_AXIS		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_UDPDERIVED_SUGARS_SYNTHESIS_IN_FIBROBLASTS		-1.0	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_SYNTHESIS_OF_CERAMIDES_AND_1DEOXYCERAMIDES		-1.0	4.1E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_SMC1SMC3_ROLE_IN_DNA_DAMAGE_CORNELIA_DE_LANGE_SYNDROME		-1.1	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_NETRINUNC5B_SIGNALING		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_BASE_EXCISION_REPAIR		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_SEROTONIN_RECEPTOR_467_AND_NR3C_SIGNALING		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_MAMMARY_GLAND_DEVELOPMENT_PREGNANCY_AND_LACTATION_STAGE_3_OF_4		-1.1	4.0E-01	6.7E-01	5.4E-01
NecD vs CTRL	WP_FEMALE_STEROID_HORMONES_IN_CARDIOMYOCYTE_ENERGY_METABOLISM		-1.1	4.0E-01	6.7E-01	5.5E-01
NecD vs CTRL	WP_BLADDER_CANCER		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_GENES_TARGETED_BY_MIRNAS_IN_ADIPOCYTES		-1.1	3.8E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_FERROPTOSIS		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	WP_MIRNAS_INVOLVED_IN_DNA_DAMAGE_RESPONSE		-1.1	4.1E-01	6.8E-01	5.5E-01
NecD vs CTRL	WP_G1_TO_S_CELL_CYCLE_CONTROL		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	WP_STEROID_BIOSYNTHESIS		-1.1	3.9E-01	6.6E-01	5.4E-01
NecD vs CTRL	WP_INTERACTOME_OF_POLYCOMB_REPRESSIVE_COMPLEX_2_PRC2		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	WP_MITOCHONDRIAL_FATTY_ACID_SYNTHESIS_AND_RESPIRATION		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	WP_GPCRS_OTHER		-1.1	3.5E-01	6.2E-01	5.1E-01
NecD vs CTRL	WP_PTF1A_RELATED_REGULATORY_PATHWAY		-1.1	3.8E-01	6.5E-01	5.3E-01
NecD vs CTRL	WP_CARDIAC_HYPERTROPHIC_RESPONSE		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	WP_BILE_ACID_SYNTHESIS_AND_ENTEROHEPATIC_CIRCULATION		-1.1	3.7E-01	6.5E-01	5.3E-01
NecD vs CTRL	WP_METABOLISM_OF_SPHINGOLIPIDS_IN_ER_AND_GOLGI_APPARATUS		-1.1	3.6E-01	6.4E-01	5.2E-01
NecD vs CTRL	WP_REGULATION_OF_ACTIN_CYTOSKELETON		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	WP_CIRCADIAN_RHYTHM_GENES		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_OPIOID_RECEPTOR_PATHWAYS		-1.1	3.6E-01	6.3E-01	5.2E-01
NecD vs CTRL	WP_PYRIMIDINE_METABOLISM_AND_RELATED_DISEASES		-1.1	3.4E-01	6.2E-01	5.1E-01
NecD vs CTRL	WP_INCLUSION_BODY_MYOSITIS		-1.1	3.5E-01	6.3E-01	5.1E-01
NecD vs CTRL	WP_HEART_DEVELOPMENT		-1.1	3.4E-01	6.2E-01	5.1E-01

NecD vs CTRL	WP_ANDROGEN_RECEPTOR_NETWORK_IN_PROSTATE_CANCER		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	WP_MICRORNAS_IN_CARDIOMYOCYTE_HYPERTROPHY		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_NEURAL_CREST_CELL_MIGRATION_IN_CANCER		-1.1	3.4E-01	6.2E-01	5.0E-01
NecD vs CTRL	WP_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS		-1.1	3.3E-01	6.1E-01	5.0E-01
NecD vs CTRL	WP_PI3KAKT_SIGNALING		-1.1	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	WP_WNT_SIGNALING_WP428		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_EFFECTS_OF_MFN2_MUTATION		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_FARNESOID_X_RECEPTOR_PATHWAY		-1.1	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_CELL_CYCLE		-1.1	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_HEPATITIS_B_INFECTION		-1.1	2.5E-01	5.3E-01	4.4E-01
NecD vs CTRL	WP_GROWTH_FACTORS_AND_HORMONES_IN_BETA_CELL_PROLIFERATION		-1.1	3.0E-01	5.8E-01	4.8E-01
NecD vs CTRL	WP_MODULATORS_OF_TCR_SIGNALING_AND_T_CELL_ACTIVATION		-1.1	2.7E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_MAMMARY_GLAND_DEVELOPMENT_INVOLUTION_STAGE_4_OF_4		-1.1	3.3E-01	6.1E-01	4.9E-01
NecD vs CTRL	WP_COHESIN_COMPLEX_CORNELIA_DE_LANGE_SYNDROME		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_OVERLAP_BETWEEN_SIGNAL_TRANSDUCTION_PATHWAYS_CONTRIBUTING_TO_LMNA_LAMINOPATHIES		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	WP_IL4_SIGNALING		-1.1	2.7E-01	5.6E-01	4.5E-01
NecD vs CTRL	WP_IL9_SIGNALING		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	WP_EXERCISEINDUCED_CIRCADIAN_REGULATION		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_BIOGENIC_AMINE_SYNTHESIS		-1.1	3.0E-01	5.8E-01	4.7E-01
NecD vs CTRL	WP_KISSPEPTINKISSPEPTIN_RECEPTOR_SYSTEM_IN_THE_OVARY		-1.1	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	WP_HIPPOMERLIN_SIGNALING_DYSREGULATION		-1.1	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_ASPIRIN_AND_MIRNAS		-1.1	3.2E-01	6.0E-01	4.9E-01
NecD vs CTRL	WP_1Q211_COPY_NUMBER_VARIATION_SYNDROME		-1.1	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_PROGERIAASSOCIATED_LIPODYSTROPHY		-1.1	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	WP_FAMILIAL_HYPERLIPIDEMIA_TYPE_1		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_LEPTININSULIN_SIGNALING_OVERLAP		-1.2	2.8E-01	5.7E-01	4.6E-01
NecD vs CTRL	WP_WNT_SIGNALING_WP363		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_CORTICOTROPINRELEASING_HORMONE_SIGNALING		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_SOMATIC_SEX_DETERMINATION		-1.2	2.9E-01	5.7E-01	4.7E-01
NecD vs CTRL	WP_TAR_SYNDROME		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_LNCRNA_IN_CANONICAL_WNT_SIGNALING_AND_COLORECTAL_CANCER		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	WP_NRXN1_DELETION_SYNDROME		-1.2	2.7E-01	5.6E-01	4.6E-01
NecD vs CTRL	WP_VALPROIC_ACID_PATHWAY		-1.2	3.1E-01	5.9E-01	4.8E-01
NecD vs CTRL	WP_MIRNA_REGULATION_OF_P53_PATHWAY_IN_PROSTATE_CANCER		-1.2	2.8E-01	5.6E-01	4.6E-01
NecD vs CTRL	WP_MALE_INFERTILITY		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_EGFEGFR_SIGNALING		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	WP_ANGIOGENESIS		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_P38_MAPK_SIGNALING		-1.2	2.6E-01	5.5E-01	4.5E-01
NecD vs CTRL	WP_CALCIIUM_REGULATION_IN_CARDIAC_CELLS		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	WP_DNA_REPAIR_PATHWAYS_FULL_NETWORK		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_ROLES_OF_CERAMIDES_IN_DEVELOPMENT_OF_INSULIN_RESISTANCE		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_DOPAMINERGIC_NEUROGENESIS		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_4P163_COPY_NUMBER_VARIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_NUCLEAR_RECEPTORS_IN_LIPID_METABOLISM_AND_TOXICITY		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_REGULATION_OF_APOPTOSIS_BY_PARATHYROID_HORMONERELATED_PROTEIN		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_MAPK_SIGNALING		-1.2	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	WP_FLUOROPYRIMIDINE_ACTIVITY		-1.2	2.5E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_IL7_SIGNALING		-1.2	2.6E-01	5.4E-01	4.4E-01
NecD vs CTRL	WP_ARYL_HYDROCARBON_RECEPTOR_PATHWAY_WP2586		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_FRAGILE_X_SYNDROME		-1.2	1.7E-01	4.4E-01	3.6E-01
NecD vs CTRL	WP_NCRNAS_INVOLVED_IN_WNT_SIGNALING_IN_HEPATOCELLULAR_CARCINOMA		-1.2	1.9E-01	4.7E-01	3.9E-01

NecD vs CTRL	WP_13Q1212_COPY_NUMBER_VARIATION		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_SPHINGOLIPID_METABOLISM_IN_SENESCENCE		-1.2	2.3E-01	5.2E-01	4.2E-01
NecD vs CTRL	WP_SEROTONIN_RECEPTOR_2_AND_ELKSFRGATA4_SIGNALING		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_LEUKOCYTEINTRINSIC_HIPPO_PATHWAY_FUNCTIONS		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_MECP2_AND_ASSOCIATED_RETT_SYNDROME		-1.2	1.9E-01	4.8E-01	4.0E-01
NecD vs CTRL	WP_INTERFERONMEDIATED_SIGNALING		-1.2	2.3E-01	5.2E-01	4.3E-01
NecD vs CTRL	WP_1P36_COPY_NUMBER_VARIATION_SYNDROME		-1.2	1.8E-01	4.7E-01	3.8E-01
NecD vs CTRL	WP_EPITHELIAL_TO_MESENCHYMAL_TRANSITION_IN_COLORECTAL_CANCER		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	WP_CYSTEINE_AND_METHIONINE_CATABOLISM		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_WNT_SIGNALING_AND_PLURIPOTENCY		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	WP_INSULIN_SIGNALING		-1.2	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	WP_ENERGY_METABOLISM		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_EUKARYOTIC_TRANSCRIPTION_INITIATION		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_CANCER_IMMUNOTHERAPY_BY_CTLA4_BLOCKADE		-1.2	2.4E-01	5.3E-01	4.3E-01
NecD vs CTRL	WP_SMALL_CELL_LUNG_CANCER		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	WP_CLEAR_CELL_RENAL_CELL_CARCINOMA_PATHWAYS		-1.2	1.5E-01	4.2E-01	3.4E-01
NecD vs CTRL	WP_ADIPOGENESIS		-1.2	1.3E-01	3.9E-01	3.2E-01
NecD vs CTRL	WP_PPAR_SIGNALING		-1.2	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	WP_GASTRIC_CANCER_NETWORK_1		-1.2	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_TRANSCRIPTION_COFACTORS_SKI_AND_SKIL_PROTEIN_PARTNERS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_GLYCOSAMINOGLYCAN_DEGRADATION		-1.2	2.2E-01	5.1E-01	4.2E-01
NecD vs CTRL	WP_FAMILIAL_PARTIAL_LIPODYSTROPHY		-1.2	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_CELL_DIFFERENTIATION_INDEX		-1.2	2.2E-01	5.1E-01	4.1E-01
NecD vs CTRL	WP_HEREDITARY_LEIOMYOMATOSIS_AND_RENAL_CELL_CARCINOMA_PATHWAY		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_SEROTONIN_AND_ANXIETYRELATED_EVENTS		-1.2	2.1E-01	5.0E-01	4.1E-01
NecD vs CTRL	WP_P53_TRANSCRIPTIONAL_GENE_NETWORK		-1.2	1.4E-01	4.0E-01	3.3E-01
NecD vs CTRL	WP_FOCAL_ADHESION_P13KAKTMTORSIGNALING		-1.2	5.9E-02	2.5E-01	2.0E-01
NecD vs CTRL	WP_HAIR_FOLLICLE_DEVELOPMENT_ORGANOGENESIS_STAGE_2_OF_3		-1.2	1.7E-01	4.5E-01	3.7E-01
NecD vs CTRL	WP_EDA_SIGNALING_IN_HAIR_FOLLICLE_DEVELOPMENT		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_MITOCHONDRIAL_GENE_EXPRESSION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_GLUTATHIONE_METABOLISM		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_TYPE_I_COLLAGEN_SYNTHESIS_IN_THE_CONTEXT_OF_OSTEOGENESIS_IMPERFECTA		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	WP_TGFBETA_SIGNALING_IN_THYROID_CELLS_FOR_EPITHELIALMESENCHYMAL_TRANSITION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_ADHD_AND_AUTISM_ASD_PATHWAYS		-1.3	4.1E-02	2.0E-01	1.6E-01
NecD vs CTRL	WP_RETINOBLASTOMA_GENE_IN_CANCER		-1.3	1.1E-01	3.6E-01	3.0E-01
NecD vs CTRL	WP_SULFATASE_AND_AROMATASE_PATHWAY		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_TCA_CYCLE_IN_SENESCENCE		-1.3	2.0E-01	4.9E-01	4.0E-01
NecD vs CTRL	WP_G_PROTEIN_SIGNALING		-1.3	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_SRF_AND_MIRS_IN_SMOOTH_MUSCLE_DIFFERENTIATION_AND_PROLIFERATION		-1.3	1.9E-01	4.8E-01	3.9E-01
NecD vs CTRL	WP_ETHANOL_EFFECTS_ON_HISTONE_MODIFICATIONS		-1.3	1.5E-01	4.2E-01	3.5E-01
NecD vs CTRL	WP_ATM_SIGNALING_IN_DEVELOPMENT_AND_DISEASE		-1.3	1.4E-01	4.1E-01	3.3E-01
NecD vs CTRL	WP_TRIACYLGLYCERIDE_SYNTHESIS		-1.3	1.7E-01	4.5E-01	3.6E-01
NecD vs CTRL	WP_DRAVET_SYNDROME		-1.3	1.5E-01	4.3E-01	3.5E-01
NecD vs CTRL	WP_ENVELOPE_PROTEINS_AND_THEIR_POTENTIAL_ROLES_IN_EDMD_PHYSIOPATHOLOGY		-1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_PROLACTIN_SIGNALING		-1.3	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	WP_REGULATORY_CIRCUITS_OF_STAT3_SIGNALING		-1.3	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	WP_MTHFR_DEFICIENCY		-1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_METABOLIC_EPILEPTIC_DISORDERS		-1.3	9.8E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_ERBB_SIGNALING		-1.3	9.7E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_METHIONINE_DE_NOVO_AND_SALVAGE_PATHWAY		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	WP_DEVELOPMENT_OF_URETERIC_COLLECTION_SYSTEM		-1.3	1.1E-01	3.5E-01	2.9E-01

NecD vs CTRL	WP_PROTEOGLYCAN_BIOSYNTHESIS		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	WP_MAPK_PATHWAY_IN_CONGENITAL_THYROID_CANCER		-1.3	1.6E-01	4.4E-01	3.6E-01
NecD vs CTRL	WP_DEVELOPMENT_OF_PULMONARY_DENDRITIC_CELLS_AND_MACROPHAGE_SUBSETS		-1.3	1.6E-01	4.3E-01	3.5E-01
NecD vs CTRL	WP_ACUTE_MYELOID_LEUKEMIA		-1.3	9.7E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_CHEMOKINE_SIGNALING		-1.3	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	WP_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYOPATHY		-1.3	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_5Q35_COPY_NUMBER_VARIATION		-1.3	7.5E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_NONSMALL_CELL_LUNG_CANCER		-1.3	9.7E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_PHOSPHOINOSITIDES_METABOLISM		-1.3	8.8E-02	3.1E-01	2.6E-01
NecD vs CTRL	WP_TP53_NETWORK		-1.3	1.5E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_INTEGRATED_CANCER_PATHWAY		-1.3	9.5E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_INTERLEUKIN1_IL1_STRUCTURAL_PATHWAY		-1.3	8.4E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_DNA_IRDAMAGE_AND_CELLULAR_RESPONSE_VIA_ATR		-1.3	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_MBDNF_AND_PROBDNF_REGULATION_OF_GABA_NEUROTRANSMISSION		-1.3	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	WP_VITAMIN_DSENSITIVE_CALCIUM_SIGNALING_IN_DEPRESSION		-1.3	9.2E-02	3.2E-01	2.6E-01
NecD vs CTRL	WP_GABA_METABOLISM_AKA_GHB		-1.3	1.4E-01	4.1E-01	3.4E-01
NecD vs CTRL	WP_IL11_SIGNALING		-1.3	8.4E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_SYNAPTIC_SIGNALING_ASSOCIATED_WITH_AUTISM_SPECTRUM_DISORDER		-1.3	8.0E-02	3.0E-01	2.4E-01
NecD vs CTRL	WP_FBXL10_ENHANCEMENT_OF_MAPERK_SIGNALING_IN_DIFFUSE_LARGE_BCELL_LYMPHOMA		-1.3	9.6E-02	3.3E-01	2.7E-01
NecD vs CTRL	WP_KCNQ2RELATED_EPILEPSIES		-1.4	1.2E-01	3.7E-01	3.0E-01
NecD vs CTRL	WP_GLYCEROLIPIDS_AND_GLYCEROPHOSPHOLIPIDS		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_MAP3K1_ROLE_IN_PROMOTING_AND_BLOCKING_GONADAL_DETERMINATION		-1.4	1.1E-01	3.6E-01	2.9E-01
NecD vs CTRL	WP_TCA_CYCLE_AND_DEFICIENCY_OF_PYRUVATE_DEHYDROGENASE_COMPLEX_PDHC		-1.4	1.2E-01	3.8E-01	3.1E-01
NecD vs CTRL	WP_CHOLESTASIS		-1.4	1.1E-01	3.5E-01	2.8E-01
NecD vs CTRL	WP_FATTY_ACIDS_AND_LIPOPROTEINS_TRANSPORT_IN_HEPATOCYTES		-1.4	2.9E-03	3.9E-02	3.1E-02
NecD vs CTRL	WP_AXON_GUIDANCE		-1.4	5.1E-02	2.3E-01	1.8E-01
NecD vs CTRL	WP_HEDGEHOG_SIGNALING_WP4249		-1.4	6.6E-02	2.6E-01	2.2E-01
NecD vs CTRL	WP_GLYCEROPHOSPHOLIPID_BIOSYNTHETIC_PATHWAY		-1.4	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_DNA_DAMAGE_RESPONSE_ONLY_ATM_DEPENDENT		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_PDGRFBETA_PATHWAY		-1.4	8.5E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_CARDIAC_PROGENITOR_DIFFERENTIATION		-1.4	6.5E-02	2.6E-01	2.1E-01
NecD vs CTRL	WP_CELLTYPE_DEPENDENT_SELECTIVITY_OF_CCK2R_SIGNALING		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_IRONSULFUR_CLUSTER_BIOGENESIS		-1.4	1.0E-01	3.4E-01	2.8E-01
NecD vs CTRL	WP_WNTBETACATENIN_SIGNALING_IN_LEUKEMIA		-1.4	7.4E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_DNA_DAMAGE_RESPONSE		-1.4	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_PKCGAMMA_CALCIUM_SIGNALING_IN_ATAxia		-1.4	7.2E-02	2.8E-01	2.3E-01
NecD vs CTRL	WP_MIRNA_REGULATION_OF_DNA_DAMAGE_RESPONSE		-1.4	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	WP_ALPHA_6_BETA_4_SIGNALING		-1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	WP_PATHOPHYSIOLOGICAL_ROLES_OF_DUX4_IN_FSHD1		-1.4	8.9E-02	3.1E-01	2.6E-01
NecD vs CTRL	WP_NF1_COPY_NUMBER_VARIATION_SYNDROME		-1.4	2.5E-02	1.5E-01	1.2E-01
NecD vs CTRL	WP_REGULATION_OF_WNT_BCATENIN_SIGNALING_BY_SMALL_MOLECULE_COMPOUNDS		-1.4	7.8E-02	2.9E-01	2.4E-01
NecD vs CTRL	WP_ATM_SIGNALING		-1.4	5.8E-02	2.4E-01	2.0E-01
NecD vs CTRL	WP_OVARIAN_INFERTILITY		-1.4	4.9E-02	2.2E-01	1.8E-01
NecD vs CTRL	WP_MELANOMA		-1.4	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_MAMMALIAN_DISORDER_OF_SEXUAL_DEVELOPMENT		-1.4	6.3E-02	2.6E-01	2.1E-01
NecD vs CTRL	WP_HISTONE_MODIFICATIONS		-1.4	4.3E-02	2.0E-01	1.6E-01
NecD vs CTRL	WP_CANONICAL_AND_NONCANONICAL_NOTCH_SIGNALING		-1.4	6.7E-02	2.7E-01	2.2E-01
NecD vs CTRL	WP_PRION_DISEASE_PATHWAY		-1.4	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	WP_RIOK1_AND_RIOK2_IN_EGFR_AND_PI3KMEDIATED_TUMORIGENESIS		-1.4	8.6E-02	3.1E-01	2.5E-01
NecD vs CTRL	WP_DNA_IRDOUBLE_STRAND_BREAKS_AND_CELLULAR_RESPONSE_VIA_ATM		-1.4	4.4E-02	2.1E-01	1.7E-01
NecD vs CTRL	WP_DYRK1A_INVOLVEMENT_REGARDING_CELL_PROLIFERATION_IN_BRAIN_DEVELOPMENT		-1.4	3.5E-02	1.8E-01	1.5E-01

NecD vs CTRL	WP_IL2_SIGNALING		-1.5	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_SMALL_LIGAND_GPCRS		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	WP_GNAQ_PATHWAYS_IN_PORTWINE_STAIN		-1.5	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	WP_BREAST_CANCER_PATHWAY		-1.5	9.0E-03	7.7E-02	6.2E-02
NecD vs CTRL	WP_PHOSPHATIDYL_INOSITOL_PHOSPHATE_PATHWAY		-1.5	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	WP_KIT_RECEPTOR_SIGNALING		-1.5	2.7E-02	1.5E-01	1.3E-01
NecD vs CTRL	WP_INVOLVEMENT_OF_SECRETASE_IN_NEURODEGENERATIVE_DISEASES		-1.5	4.8E-02	2.2E-01	1.8E-01
NecD vs CTRL	WP_METABOLIC_REPROGRAMMING_IN_COLON_CANCER		-1.5	1.7E-02	1.1E-01	9.2E-02
NecD vs CTRL	WP_CHROMOSOMAL_AND_MICROSATELLITE_INSTABILITY_IN_COLORECTAL_CANCER		-1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	WP_KLEEFSTRA_SYNDROME		-1.5	3.8E-02	1.9E-01	1.5E-01
NecD vs CTRL	WP_CELL_DIFFERENTIATION_EXPANDED_INDEX		-1.5	4.0E-02	1.9E-01	1.6E-01
NecD vs CTRL	WP_TUMOR_SUPPRESSOR_ACTIVITY_OF_SMARCB1		-1.5	3.6E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_METABOLIC_PATHWAYS_OF_FIBROBLASTS		-1.5	3.4E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_HEDGEHOG_SIGNALING_WP47		-1.5	5.5E-02	2.4E-01	1.9E-01
NecD vs CTRL	WP_BRAINDERIVED_NEUROTROPHIC_FACTOR_BDNF_SIGNALING		-1.5	3.8E-03	4.6E-02	3.8E-02
NecD vs CTRL	WP_BONE_MORPHOGENIC_PROTEIN_SIGNALING_AND_REGULATION		-1.5	5.6E-02	2.4E-01	1.9E-01
NecD vs CTRL	WP_IL5_SIGNALING		-1.5	2.7E-02	1.5E-01	1.2E-01
NecD vs CTRL	WP_CELL_LINEAGE_MAP_FOR_NEURONAL_DIFFERENTIATION		-1.5	7.6E-03	7.0E-02	5.7E-02
NecD vs CTRL	WP_4HYDROXYTAMOXIFEN_DEXAMETHASONE_AND_RETINOIC_ACIDS_REGULATION_OF_P27_EXPRESSION		-1.5	3.4E-02	1.8E-01	1.4E-01
NecD vs CTRL	WP_EFFECT_OF_OMEGA3_PUFA_ON_HUNTINGTONS_DISEASE_PATHWAYS		-1.5	8.7E-03	7.5E-02	6.2E-02
NecD vs CTRL	WP_RAS_SIGNALING		-1.5	2.3E-03	3.4E-02	2.8E-02
NecD vs CTRL	WP_FAMILIAL_HYPERLIPIDEMIA_TYPE_2		-1.5	4.4E-02	2.0E-01	1.7E-01
NecD vs CTRL	WP_NUCLEOTIDE_GPCRS		-1.5	4.6E-02	2.1E-01	1.7E-01
NecD vs CTRL	WP_GABA_RECEPTOR_SIGNALING		-1.5	2.6E-02	1.5E-01	1.2E-01
NecD vs CTRL	WP_MAPK_CASCADE		-1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	WP_ENDOCHONDRAL_OSSIFICATION		-1.5	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	WP_ENDOCHONDRAL_OSSIFICATION_WITH_SKELETAL_DYSPLASIAS		-1.5	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	WP_FAMILIAL_HYPERLIPIDEMIA_TYPE_4		-1.5	3.2E-02	1.7E-01	1.4E-01
NecD vs CTRL	WP_HIPPO_SIGNALING_REGULATION		-1.5	6.7E-03	6.6E-02	5.3E-02
NecD vs CTRL	WP_OSX_AND_MIRNAS_IN_TOOTH_DEVELOPMENT		-1.5	4.3E-02	2.0E-01	1.7E-01
NecD vs CTRL	WP_NOTCH_SIGNALING_WP268		-1.5	1.6E-02	1.1E-01	9.0E-02
NecD vs CTRL	WP_EMBRYONIC_STEM_CELL_PLURIPOTENCY_PATHWAYS		-1.6	8.4E-03	7.4E-02	6.0E-02
NecD vs CTRL	WP_FATTY_ACID_TRANSPORTERS		-1.6	2.8E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_GLYCOSAMINOGLYCAN_SYNTHESIS_IN_FIBROBLASTS		-1.6	9.0E-03	7.7E-02	6.3E-02
NecD vs CTRL	WP_TRANSULFURATION_PATHWAY		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_LIPID_PARTICLES_COMPOSITION		-1.6	2.2E-02	1.3E-01	1.1E-01
NecD vs CTRL	WP_TARGET_OF_RAPAMYCIN_SIGNALING		-1.6	1.2E-02	9.1E-02	7.4E-02
NecD vs CTRL	WP_NOTCH_SIGNALING_WP61		-1.6	6.8E-03	6.6E-02	5.4E-02
NecD vs CTRL	WP_FAMILIAL_HYPERLIPIDEMIA_TYPE_5		-1.6	3.5E-02	1.8E-01	1.5E-01
NecD vs CTRL	WP_GPCRS_CLASS_B_SECRETINLIKE		-1.6	3.0E-02	1.6E-01	1.3E-01
NecD vs CTRL	WP_NOTCH1_REGULATION_OF_ENDOTHELIAL_CELL_CALCIFICATION		-1.6	2.1E-02	1.3E-01	1.0E-01
NecD vs CTRL	WP_EGFR_TYROSINE_KINASE_INHIBITOR_RESISTANCE		-1.6	4.4E-03	5.0E-02	4.1E-02
NecD vs CTRL	WP_HEAD_AND_NECK_SQUAMOUS_CELL_CARCINOMA		-1.6	7.5E-03	6.9E-02	5.6E-02
NecD vs CTRL	WP_PANCREATIC_ADENOCARCINOMA_PATHWAY		-1.6	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	WP_22Q112_COPY_NUMBER_VARIATION_SYNDROME		-1.6	2.6E-03	3.7E-02	3.0E-02
NecD vs CTRL	WP_AMPACTIVATED_PROTEIN_KINASE_SIGNALING		-1.6	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	WP_OSTEOLAST_DIFFERENTIATION_AND_RELATED_DISEASES		-1.6	3.2E-03	4.0E-02	3.3E-02
NecD vs CTRL	WP_INTERFERON_TYPE_I_SIGNALING		-1.6	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	WP_GPR143_IN_MELANOCYTES_AND_RETINAL_PIGMENT_EPITHELIUM_CELLS		-1.6	1.0E-02	8.3E-02	6.7E-02
NecD vs CTRL	WP_PURINERGIC_SIGNALING		-1.6	1.1E-02	8.5E-02	7.0E-02
NecD vs CTRL	WP_GANGLIO_SERIES_SPHINGOLIPID_METABOLISM		-1.6	8.9E-03	7.6E-02	6.2E-02

NecD vs CTRL	WP_METABOLIC_REPROGRAMMING_IN_PANCREATIC_CANCER		-1.7	2.6E-03	3.6E-02	3.0E-02
NecD vs CTRL	WP_PATHWAYS_AFFECTED_IN_ADENOID_CYSTIC_CARCI		-1.7	3.3E-03	4.2E-02	3.4E-02
NecD vs CTRL	WP_MESODERMAL_COMMITMENT_PATHWAY		-1.7	2.9E-04	8.4E-03	6.8E-03
NecD vs CTRL	WP_ALSTROM_SYNDROME		-1.7	5.1E-03	5.4E-02	4.4E-02
NecD vs CTRL	WP_GLIOMASTOMA_SIGNALING		-1.7	1.3E-03	2.2E-02	1.8E-02
NecD vs CTRL	WP_ECTODERM_DIFFERENTIATION		-1.7	2.6E-04	7.6E-03	6.2E-03
NecD vs CTRL	WP_IMATINIB_AND_CHRONIC_MYELOID_LEUKEMIA		-1.7	6.0E-03	6.1E-02	5.0E-02
NecD vs CTRL	WP_S1P_RECEPTOR_SIGNAL_TRANSDUCTION		-1.7	5.8E-03	6.0E-02	4.9E-02
NecD vs CTRL	WP_PI3KAKTMTOR_SIGNALING_AND_THERAPEUTIC_OPPORTUNITIES_IN_PROSTATE_CANCER		-1.7	5.3E-03	5.6E-02	4.6E-02
NecD vs CTRL	WP_HEMATOPOIETIC_STEM_CELL_GENE_REGULATION_BY_GABP_ALPHABETA_COMPLEX		-1.7	4.2E-03	4.9E-02	4.0E-02
NecD vs CTRL	WP_FOXA2_PATHWAY		-1.7	4.0E-03	4.8E-02	3.9E-02
NecD vs CTRL	WP_ENDODERM_DIFFERENTIATION		-1.7	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	WP_FAMILIAL_HYPERLIPIDEMIA_TYPE_3		-1.7	3.1E-03	4.0E-02	3.3E-02
NecD vs CTRL	WP_FATTY_ACID_BIOSYNTHESIS		-1.7	4.3E-03	5.0E-02	4.1E-02
NecD vs CTRL	WP_SPINA_BIFIDA		-1.8	7.1E-03	6.7E-02	5.5E-02
NecD vs CTRL	WP_TRANSLSULFURATION_ONECARBON_METABOLISM_AND_RELATED_PATHWAYS		-1.8	9.2E-04	1.8E-02	1.5E-02
NecD vs CTRL	WP_KALLMANN_SYNDROME		-1.8	3.0E-03	3.9E-02	3.2E-02
NecD vs CTRL	WP_TRANSLATION_INHIBITORS_IN_CHRONICALLY_ACTIVATED_PDGFRA_CELLS		-1.8	1.1E-03	2.1E-02	1.7E-02
NecD vs CTRL	WP_EFFECT_OF_PROGERIN_ON_GENES_INVOLVED_IN_PROGERIA		-1.8	2.8E-03	3.8E-02	3.1E-02
NecD vs CTRL	WP_OMEGA3_OMEGA6_FATTY_ACID_SYNTHESIS		-1.8	2.7E-03	3.7E-02	3.0E-02
NecD vs CTRL	WP_ENDOMETRIAL_CANCER		-1.8	4.9E-04	1.2E-02	9.6E-03
NecD vs CTRL	WP_NEURAL_CRESCENT_DIFFERENTIATION		-1.8	1.5E-04	5.6E-03	4.6E-03
NecD vs CTRL	WP_SEROTONIN_HTR1_GROUP_AND_FOS_PATHWAY		-1.8	8.2E-04	1.7E-02	1.4E-02
NecD vs CTRL	WP_METHIONINE_METABOLISM_LEADING_TO_SULFUR_AMINO_ACIDS_AND_RELATED_DISORDERS		-1.8	6.6E-04	1.4E-02	1.2E-02
NecD vs CTRL	WP_THYROID_STIMULATING_HORMONE_TSH_SIGNALING		-1.8	3.7E-04	9.8E-03	8.0E-03
NecD vs CTRL	WP_KENNEDY_PATHWAY_FROM_SPHINGOLIPIDS		-1.8	1.5E-03	2.5E-02	2.0E-02
NecD vs CTRL	WP_GANGLIO_SPHINGOLIPID_METABOLISM		-1.9	2.4E-04	7.2E-03	5.9E-03
NecD vs CTRL	WP_OMEGA9_FATTY_ACID_SYNTHESIS		-2.0	1.8E-04	6.2E-03	5.1E-03
NecD vs CTRL	WP_LIVER_X_RECEPTOR_PATHWAY		-2.0	3.2E-05	2.1E-03	1.7E-03
NecD vs CTRL	WP_CHOLESTEROL_SYNTHESIS_DISORDERS		-2.0	1.8E-04	6.2E-03	5.0E-03
NecD vs CTRL	WP_SPLICING_FACTOR_NOVA_REGULATED_SYNAPTIC_PROTEINS		-2.0	1.0E-05	8.6E-04	7.0E-04
NecD vs CTRL	WP_METABOLIC_PATHWAY_OF_LDL_HDL_AND_TG_INCLUDING_DISEASES		-2.0	3.3E-05	2.1E-03	1.7E-03
NecD vs CTRL	WP_LIPID_METABOLISM_PATHWAY		-2.0	6.1E-05	2.9E-03	2.4E-03
NecD vs CTRL	WP_RETT_SYNDROME		-2.1	1.4E-05	1.1E-03	8.8E-04
NecD vs CTRL	WP_ID_SIGNALING		-2.1	1.1E-05	9.3E-04	7.6E-04
NecD vs CTRL	WP_ANGIOPOIETINLIKE_PROTEIN_8_REGULATORY_PATHWAY		-2.1	2.1E-08	7.2E-06	5.9E-06
NecD vs CTRL	WP_NEUROGENESIS_REGULATION_IN_THE_OLFACTORY_EPITHELIUM		-2.1	2.0E-06	2.9E-04	2.4E-04
NecD vs CTRL	WP_MEVALONATE_ARM_OF_CHOLESTEROL_BIOSYNTHESIS_PATHWAY		-2.1	2.1E-06	2.9E-04	2.4E-04
NecD vs CTRL	WP_STATIN_INHIBITION_OF_CHOLESTEROL_PRODUCTION		-2.2	4.1E-06	4.8E-04	4.0E-04
NecD vs CTRL	WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY		-2.2	1.3E-06	2.2E-04	1.8E-04
NecD vs CTRL	WP_CHOLESTEROL_BIOSYNTHESIS_PATHWAY_IN_HEPATOCYTES		-2.2	3.5E-09	2.1E-06	1.7E-06
NecD vs CTRL	WP_SREBF_AND_MIR33_IN_CHOLESTEROL_AND_LIPID_HOMEOSTASIS		-2.2	2.2E-07	5.4E-05	4.4E-05
NecD vs CTRL	WP_CHOLESTEROL_METABOLISM		-2.3	1.4E-09	1.3E-06	1.1E-06
NecD vs CTRL	WP_STEROL_REGULATORY_ELEMENTBINDING_PROTEINS_SREBP_SIGNALING		-2.4	1.0E-10	1.5E-07	1.3E-07
NecD vs CTRL	WP_ENTEROCYTE_CHOLESTEROL_METABOLISM		-2.4	3.0E-10	3.7E-07	3.1E-07
NecD vs CTRL	WP_CHOLESTEROL_METABOLISM_WITH_BLOCH_AND_KANDUTSCHRUSSELL_PATHWAYS		-2.6	1.0E-10	1.5E-07	1.3E-07