

Table S1. The 380 Anoikis-related genes

BRMS1	PDK4	ITGB4	MYC	PDGFB	RPS6KA1	MDM2	MIR363	NOTCH3
PTK2	CYCS	DAPK1	PLAU	GLI2	TNFRSF1A	NFE2L2	TUBB3	PTPN1
NTRK2	BRAF	PIK3R1	SMAD4	EZH2	FASLG	ZEB1	HSP90B1	GLUD1
BCL2L11	YAP1	PIK3R3	PLK1	RIPK1	AFP	KL	PTPN11	SIRT1
SRC	ANKRD13C	MAP2K1	MUC1	CXCR4	ITGA8	CRYAB	SLC2A1	FASN
CEACAM6	ITGA2	CXCL12	LGALS1	HMGA1	PBK	PRKCI	HMOX1	RPS6KB1
CAV1	ANXA5	LGALS3	PYCARD	SIK2	SATB1	FGF2	PRKACA	TPM1
AKT1	BIRC5	FBXW7-AS1	SESN2	TNFSF10	CD63	HK2	PAK3	PPP2R1A
ITGB1	TIMP1	BAK1	ITGB3	ANGPTL2	EEF1A1	LTF	CD36	COL4A2
CEACAM5	MTOR	ABHD4	KRAS	S100A4	NOX4	EPHB6	PIK3R2	CTNND1
EGFR	ATF4	CD44	BID	NTF3	LTB4R2	IQGAP1	PPP2CA	CD151
BCL2	BDNF	ITGA4	THBS1	ETV4	MAVS	MGAT5	CASP6	MMP11
CASP8	CSPG4	FADD	HRAS	MIR21	HRC	SDCBP	PAK2	SEMA7A
SIK1	BSG	PHLDA2	CDK11B	MIR124-1	CCN2	ABHD2	CDH3	PPP2R2A
PTRH2	AKT2	TGFB1	CDK11A	HTRA1	RHOB	SPIB	PTK6	ARHGEF7
STAT3	MAPK8	HMCN1	XIAP	LATS1	PPP1R13B	TRIM31	EEF2K	CCN1
TLE1	IGF1	MMP2	PPARG	CEACAM3	MET	MIR1827	LPAR1	BST2
CTNNB1	IGF1R	CEBPB	IL6	EIF2AK3	PLG	PDGFRA	LRP1	PPP2R5A
DAPK2	STK11	CEMIP	MIR145	LAMC2	RAF1	TLR3	TCF7L2	PPP2R2D
ZNF304	ITGA6	CDKN3	MYH9	LAMB3	PARP1	NRAS	TGFBR3	CCDC178
MAPK1	ILK	CBL	CCR7	LAMA3	MAPK10	PLAT	GLO1	MIR10A
BMF	CFLAR	CASP9	MSLN	CDH2	PRKCQ	ROCK1	RBL2	MIR30B
ITGA5	RHOA	SFN	RAC1	CSNK2A1	RB1	VEGFA	SIRPA	MIR30C1
TP53	HIF1A	MTDH	GRHL2	EDIL3	BRCA2	CASP10	CEACAM1	SHC1
MCL1	DAP3	PRKCA	BIRC3	ZEB2	SP1	PAK4	GDF2	BUB1
CASP3	MYBBP1A	TNFRSF10B	RHOG	TLN1	HAVCR2	IL1RAP	TRAF2	CDC25C
CDH1	ITGA3	CXCL8	CCAR2	EPHA2	VTN	PIN1	ADCY10	CDK1
BAD	PTK2B	MIR200C	NQO1	SIRT3	DOCK1	TWIST1	IL17A	BUB3
MAPK3	TLE5	AR	NOTCH1	OLFM3	PDCD4	UBE2C	VPS37A	ITGB5
PAK1	CCND1	CDKN2A	MMP13	CLU	INHBB	YWHAZ	TNFRSF12A	SETD2
PIK3CA	CTTN	CPT1A	FAS	SPINK1	RANBP9	BMP6	APOBEC3G	FER
ITGAV	CALR	PIK3CB	MTA1	CPEB2	PRPF4B	ELK1	BAG1	TP73
FN1	CDCP1	CLDN1	MYO5A	NAT1	SESN1	BNIP3L	COL13A1	MAD2L1
PTGS2	PLAUR	MIR204	EDA2R	TSG101	SESN3	KDM3A	MNX1	SLCO1B3
BCL2L1	SKP2	MIR26A1	CCN6	MIR200A	ZBTB7A	BNIP3	RAD9A	DLG1
BAX	CHEK2	CDKN1A	MMP9	MIR6744	CD24	PRDX4	IFI27	PDCD6IP
BCAR1	HGF	CDKN1B	ABL1	SERPINA1	MIR141	LMO3	MEGF11	BCL2L2
ERBB2	EGF	KLF12	MAPK11	AKT3	ELANE	ZNF32	ITPRIP	TDGF1
SCRIB	DYNLL2	AFAP1L1	CASP2	CHUK	CMA1	COPS5	ERBB4	HOXA10
IKZF3	NRP1	PECAM1	PRKD1	RHOC	TAGLN	UCHL1	USP9X	WISP3
WNT2	TFDP1	EDAR	SH3GLB1	BCL2L15	SNAI2	MIR200B	MIR525	IDH1
KDR	RELA	MAPK14	SOD2	PTHLH	NTRK1	PDGFRB	E2F1	PIK3CG
PTEN	ANGPTL4							

Table S2. The 216 chemotherapy drugs of FDA approved or on clinical trials.

METHOTREXATE	Cladribine	Bisacodyl, active ingredient of Viraplex	Bosutinib
6-THIOGUANINE	Mithramycin	Irinotecan	Vismodegib
6-MERCAPTOPURINE	Asparaginase	Docetaxel	Actinomycin D
Nitrogen mustard	Ifosfamide	Depsipeptide	Mitomycin
Allopurinol	Acetalax	Simvastatin	Lenvatinib
Actinomycin D	Fludarabine	Raltitrexed	Nelarabine
Chlorambucil	Cisplatin	Midostaurin	Crizotinib
Thiotepa	Isotretinoin	7-Ethyl-10-hydroxycamptothecin	DAUNORUBICIN
Melphalan	Teniposide	Bortezomib	Digoxin
Triethylenemelamine	Doxorubicin	Irofulven	ETHINYL ESTRADIOL
Dromostanolone Propionate	Fludarabine	Temsirolimus	Fluorouracil
Acrichine	Bleomycin	Denileukin Diftitox Ontak	Nitrogen mustard
Fluorouracil	Paclitaxel	Pemetrexed	Melphalan
Nandrolone phenpropionate	DECITABINE	Vorinostat	6-Thioguanine
TESTOLACTONE	Mitomycin	Estramustine	TYROTHRICIN
Mithramycin	Bendamustine	Arsenic trioxide	Vinblastine
Pipobroman	Etoposide	Eribulin mesilate	Cabozantinib
Cyclophosphamide	Homoharringtonine	Gefitinib	Neratinib
Mitomycin	Mithramycin	Erlotinib	Axitinib
Floxuridine	Tegafur	Fulvestrant	Etoposide
Hydroxyurea	Parthenolide	Celecoxib	Azacitidine
Uracil mustard	Dexrazoxane	Zoledronate	Floxuridine
Dexamethasone Decadron	Tamoxifen	Belinostat	Trametinib
Mitotane	PENTOSTATIN	Lapatinib	Palbociclib
DACARBAZINE	RAPAMYCIN	Irinotecan	Carfilzomib
Vinblastine	Carboplatin	Dasatinib	Homoharringtonine
Acetalax	Valrubicin	Everolimus	Ixazomib citrate
Cytarabine	Idarubicin	Pazopanib	Teniposide
Vincristine	Epirubicin	Selumetinib	Ponatinib
Megestrol acetate	Oxaliplatin	Imatinib	Bleomycin
tfd	MITOXANTRONE	Lapatinib	Paclitaxel
Procarbazine	Cytarabine	Nelfinavir	Rapamycin
Lomustine	Mitoxantrone	Nilotinib	Teniposide
Daunorubicin	Fludarabine	Olaparib	Simvastatin
Daunorubicin	Imiquimod	Ixabepilone	Belinostat
STREPTOZOCIN	Carmustine	Raloxifene	Doxorubicin
Calusterone	Mithramycin	Abiraterone	Vincristine
Estramustine	Rapamycin	Abiraterone	Pipamperone
Vinblastine	Clofarabine	Sunitinib	Epirubicin
Fluphenazine	Vinorelbine	Afatinib	Idelalisib
Arsenic trioxide	Topotecan	Pazopanib	Topotecan
AZACITIDINE	Gemcitabine	Olaparib	ARSENIC TRIOXIDE

Depsipeptide	pralatrexate	Pemetrexed	6-Mercaptopurine
Docetaxel	Copanlisib	BMN-673	Ibrutinib
Vorinostat	LEE-011	Cobimetinib (isomer 1)	Alectinib
Gefitinib	Osimertinib	Cobimetinib (isomer 1)	ARRY-162
Clofarabine	PF-06463922	LY-2835219	Dabrafenib
Dasatinib	JNJ-42756493	IPI-145	Alectinib
Irinotecan	LOXO-101	NMS-E628	BMN-673
VINORELBINE	brigatinib	LDK-378	Bosutinib
Copanlisib	gilteritinib	LDK-378	Dacomitinib
Vandetanib	Acalabrutinib	Encorafenib	ABT-199
Cabozantinib	Sulfatinib	Cobimetinib (isomer 1)	brigatinib
Panobinostat	Sonidegib	Sonidegib	Vemurafenib

Table S3: The 132 of 380 ANRGs were related to survival

id	HR	HR.95L	HR.95H	pvalue				
BRMS1	1.426148	1.114398	1.825109	0.004793				
PTK2	1.365865	1.017655	1.833221	0.037846				
SRC	1.245328	1.057533	1.466471	0.008521				
AKT1	1.405761	1.008943	1.958648	0.044159				
CASP8	1.612492	1.152777	2.255537	0.005266				
PTRH2	1.557261	1.165383	2.080914	0.002746				
CTNNB1	1.363842	1.039225	1.789857	0.025261				
MAPK1	1.421209	1.062584	1.900871	0.017832				
BMF	1.232186	1.042517	1.456362	0.014358				
ITGA5	1.351498	1.115916	1.636814	0.002054				
MAPK3	1.574042	1.179378	2.100776	0.002069				
PAK1	1.355694	1.058928	1.735629	0.01577				
ITGAV	1.286911	1.104141	1.499936	0.001248				
BAX	1.282731	1.025402	1.604638	0.029291				
BCAR1	1.398532	1.075573	1.818464	0.012287				
PDK4	0.860212	0.769012	0.962227	0.008455				
BRAF	1.558607	1.010228	2.404661	0.04486				
ANKRD13C	1.418403	1.000544	2.010774	0.049644				
ITGA2	1.289178	1.0459	1.589042	0.017286				
ANXA5	1.385786	1.169697	1.641795	0.000162				
BIRC5	1.366376	1.1946	1.562852	5.26E-06				
ATF4	1.417682	1.086736	1.849413	0.010076				
BDNF	2.155415	1.243209	3.736953	0.006232				
BSG	1.348098	1.132623	1.604566	0.000775				
IGF1	0.755867	0.573296	0.996581	0.047228				
IGF1R	1.371554	1.043786	1.802248	0.023358				
ILK	1.396083	1.02474	1.901992	0.034442				
RHOA	1.880041	1.284369	2.751977	0.001165				
HIF1A	1.248192	1.06261	1.466186	0.006947				
DAP3	1.68667	1.23068	2.311614	0.001151				
MYBBP1A	1.438621	1.063741	1.945614	0.018219				
ITGA3	1.168747	1.011306	1.350699	0.034665				
CTTN	1.336278	1.027858	1.737242	0.030373				
PLAUR	1.318613	1.089652	1.595684	0.004479				
SKP2	1.422959	1.169521	1.731319	0.000424				
EGF	1.619756	1.170833	2.240804	0.003587				
E2F1	1.24425	1.091087	1.418914	0.001111				
PIK3R1	0.777328	0.642582	0.940329	0.009503				
LGALS3	1.196808	1.068764	1.340192	0.001859				
BAK1	1.395996	1.146617	1.699613	0.000892				
ABHD4	1.306457	1.039221	1.642413	0.022053				
FADD	1.459197	1.085421	1.961687	0.012319				
PHLDA2	1.231735	1.096794	1.383277	0.000431				
TGFB1	1.173097	1.02618	1.341048	0.019361				
CDKN3	1.310065	1.120383	1.531859	0.000713				
CBL	1.666956	1.156431	2.402858	0.006163				
SFN	1.16358	1.074329	1.260246	0.000199				
CXCL8	1.174442	1.069074	1.290194	0.0008				
AR	0.835049	0.724162	0.962915	0.013144				
CDKN2A	1.246591	1.075917	1.44434	0.003346				
PIK3CB	1.650474	1.178282	2.311895	0.003567				
MIR204	62500352	1024.893	3.81E+12	0.001408				
PLK1	1.5892	1.333964	1.893272	2.15E-07				
LGALS1	1.172604	1.02477	1.341764	0.020567				
HRAS	1.363072	1.114347	1.667313	0.002585				
CDK11B	1.470657	1.033398	2.092933	0.032158				

CDK11A	1.781362	1.072826	2.957842	0.025637				
XIAP	1.352189	1.000224	1.828006	0.04983				
PPARG	1.270035	1.060971	1.520296	0.00919				
CCR7	0.649754	0.450379	0.937387	0.021125				
RAC1	1.682499	1.299268	2.178768	7.98E-05				
RHOG	1.480848	1.141373	1.921292	0.003124				
CCAR2	1.424154	1.008981	2.010161	0.044346				
NQO1	1.102675	1.035895	1.173759	0.002167				
MTA1	1.524259	1.070622	2.170107	0.019358				
MMP9	1.136398	1.027295	1.25709	0.013033				
ABL1	1.290582	1.008193	1.652065	0.042895				
EZH2	1.817016	1.447179	2.281367	2.70E-07				
HMGA1	1.352988	1.174431	1.558692	2.83E-05				
SIK2	0.710649	0.571182	0.884169	0.002181				
ETV4	1.191852	1.073069	1.323785	0.001051				
LATS1	1.435301	1.007163	2.045438	0.045559				
CSNK2A1	1.470369	1.109655	1.94834	0.007264				
SPINK1	1.054811	1.001696	1.110742	0.042945				
TSG101	1.89715	1.268874	2.836513	0.001806				
RELA	1.780643	1.119495	2.832251	0.014823				
PBK	1.507111	1.273704	1.78329	1.77E-06				
CD63	1.352845	1.082458	1.69077	0.007897				
MAVS	1.493739	1.116215	1.99895	0.006942				
PPP1R13B	1.45092	1.006798	2.090953	0.045901				
PLG	0.898341	0.825145	0.978031	0.013427				
PARP1	1.2885	1.006753	1.649095	0.04407				
BRCA2	2.065245	1.134147	3.760744	0.017711				
VTN	0.891102	0.809393	0.981059	0.01879				
PRPF4B	1.391691	1.04403	1.855123	0.02421				
CD24	1.119042	1.0306	1.215074	0.007418				
IDH1	1.277371	1.000989	1.630065	0.049078				
KDR	0.773082	0.635046	0.941123	0.010328				
CRYAB	1.103631	1.004261	1.212834	0.040532				
PRKCI	1.585424	1.178416	2.133007	0.00233				
HK2	1.282904	1.104597	1.489993	0.001103				
EPHB6	1.197508	1.004214	1.428008	0.044773				
MGAT5	1.275982	1.033267	1.57571	0.023576				
NRAS	1.799163	1.377276	2.350282	1.65E-05				
VEGFA	1.364494	1.097735	1.696077	0.005108				
CASP10	1.577775	1.068462	2.329865	0.021852				
PAK4	1.347205	1.049472	1.729404	0.01934				
UBE2C	1.312163	1.158232	1.486553	1.98E-05				
YWHAZ	1.496041	1.214132	1.843406	0.000156				
BMP6	1.290795	1.035062	1.609712	0.02346				
BNIP3L	1.349442	1.073369	1.696521	0.010281				
KDM3A	1.655058	1.198127	2.28625	0.002239				
PRDX4	1.40325	1.10269	1.785734	0.005872				
ZNF32	1.490598	1.109879	2.001915	0.007983				
SLC2A1	1.532801	1.313433	1.788807	5.97E-08				
HMOX1	1.220478	1.065308	1.398249	0.004081				
PPP2CA	1.990123	1.257371	3.149898	0.003308				
PAK2	1.579733	1.139347	2.190337	0.0061				
SIRPA	1.289894	1.051599	1.582186	0.014575				
TRAF2	1.463887	1.139762	1.880187	0.002841				
VPS37A	1.303896	1.001912	1.6969	0.048362				
GLUD1	0.831703	0.694406	0.996146	0.045294				
PPP2R1A	1.311361	1.024036	1.679303	0.031698				
CD151	1.303094	1.087415	1.561551	0.004134				

SHC1	1.500745	1.173537	1.919187	0.001215				
BUB1	1.729025	1.384995	2.158513	1.32E-06				
CDC25C	1.525672	1.24128	1.875222	5.98E-05				
CDK1	1.44031	1.227497	1.690019	7.72E-06				
BUB3	1.965973	1.362606	2.836514	0.000301				
ITGB5	1.437445	1.126884	1.833596	0.00348				
MAD2L1	1.668788	1.320804	2.108454	1.77E-05				
PDCD6IP	1.644561	1.147448	2.357042	0.00675				
BCL2L2	1.489399	1.07364	2.066158	0.017059				
SH3GLB1	1.579362	1.176587	2.120018	0.002346				
SCRIB	1.28516	1.029771	1.603886	0.026453				
AFAP1L1	1.43231	1.03066	1.990485	0.032369				
CASP2	1.766109	1.320493	2.362104	0.000126				
COPS5	1.560013	1.103003	2.206378	0.011929				
PRKD1	1.374718	1.046859	1.805257	0.022056				
RHOC	1.408339	1.121918	1.767882	0.003161				
UCHL1	1.131182	1.035747	1.235412	0.006126				
TFDP1	1.429417	1.167833	1.749594	0.000531				

Table S4. The 52 KEGG pathways obtained by GSEA analysis

ID	pvalue	p.adjust	qvalues
KEGG_FATTY_ACID_METABOLISM	1.00E-10	2.78E-09	2.02E-09
KEGG_RETINOL_METABOLISM	1.00E-10	2.78E-09	2.02E-09
KEGG_COMPLEMENT_AND_COAGULATION_CASCADES	1.00E-10	2.78E-09	2.02E-09
KEGG_DRUG_METABOLISM_CYTOCHROME_P450	1.00E-10	2.78E-09	2.02E-09
KEGG_GLYCINE_SERINE_AND_THREONINE_METABOLISM	1.00E-10	2.78E-09	2.02E-09
KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROME_P450	1.00E-10	2.78E-09	2.02E-09
KEGG_PRIMARY_BILE_ACID_BIOSYNTHESIS	1.17E-10	2.80E-09	2.03E-09
KEGG_BUTANOATE_METABOLISM	1.21E-08	2.32E-07	1.68E-07
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION	1.25E-08	2.32E-07	1.68E-07
KEGG_TRYPTOPHAN_METABOLISM	2.52E-08	4.20E-07	3.05E-07
KEGG_CELL_CYCLE	3.53E-08	5.35E-07	3.88E-07
KEGG_DRUG_METABOLISM_OTHER_ENZYMES	4.32E-08	5.54E-07	4.02E-07
KEGG_PPAR_SIGNALING_PATHWAY	4.06E-08	5.54E-07	4.02E-07
KEGG_STEROID_HORMONE_BIOSYNTHESIS	5.68E-08	6.78E-07	4.91E-07
KEGG_PROPANOATE_METABOLISM	7.57E-07	8.43E-06	6.11E-06
KEGG_BETA_ALANINE_METABOLISM	9.62E-07	1.00E-05	7.28E-06
KEGG_ARGININE_AND_PROLINE_METABOLISM	1.09E-06	1.07E-05	7.74E-06
KEGG_TYROSINE_METABOLISM	3.35E-06	3.11E-05	2.25E-05
KEGG_LINOLEIC_ACID_METABOLISM	1.40E-05	0.000123	8.91E-05
KEGG_ECM_RECEPTOR_INTERACTION	6.33E-05	0.000529	0.000383
KEGG_HISTIDINE_METABOLISM	8.62E-05	0.000685	0.000497
KEGG_DNA_REPLICATION	0.00022	0.001669	0.00121
KEGG_NEUROACTIVE_LIGAND_RECEPTOR_INTERACTION	0.000285	0.00207	0.0015
KEGG_HEMATOPOIETIC_CELL_LINEAGE	0.000496	0.003454	0.002504
KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION	0.001206	0.008054	0.005838
KEGG_ALANINE_ASPARTATE_AND_GLUTAMATE_METABOLISM	0.001338	0.008275	0.005998
KEGG_LEISHMANIA_INFECTION	0.001335	0.008275	0.005998
KEGG_CELL_ADHESION_MOLECULES_CAMS	0.002389	0.014247	0.010327
KEGG_FC_GAMMA_R_MEDIATED_PHAGOCYTOSIS	0.003176	0.01829	0.013257
KEGG_AUTOIMMUNE_THYROID_DISEASE	0.005613	0.031243	0.022647
KEGG_GRAFT_VERSUS_HOST_DISEASE	0.005963	0.032123	0.023285
KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IGA_PRODUCTION	0.007642	0.039879	0.028907
KEGG_OOCYTE_MEIOSIS	0.008312	0.042062	0.030489
KEGG_ASTHMA	0.008737	0.042914	0.031107
KEGG_CITRATE_CYCLE_TCA_CYCLE	0.01146	0.054681	0.039636
KEGG_ALLOGRAFT_REJECTION	0.011837	0.054908	0.039801
KEGG_ASCORBATE_AND_ALDARATE_METABOLISM	0.013521	0.061027	0.044236
KEGG_CYSTEINE_AND_METHIONINE_METABOLISM	0.015127	0.06648	0.048189
KEGG_LYSINE_DEGRADATION	0.016069	0.068808	0.049876
KEGG_PYRUVATE_METABOLISM	0.017717	0.073967	0.053616
KEGG_PATHWAYS_IN_CANCER	0.021178	0.08626	0.062527
KEGG_PRIMARY_IMMUNODEFICIENCY	0.023831	0.094759	0.068687
KEGG_HOMOLOGOUS_RECOMBINATION	0.028969	0.109949	0.079699
KEGG_BLADDER_CANCER	0.028807	0.109949	0.079699
KEGG_GAP_JUNCTION	0.030303	0.112458	0.081517
KEGG_ETHER_LIPID_METABOLISM	0.031216	0.113329	0.082148
KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSIONS	0.035817	0.123717	0.089679
KEGG_PRION_DISEASES	0.0363	0.123717	0.089679
KEGG_TYPE_1_DIABETES_MELLITUS	0.035419	0.123717	0.089679
KEGG_PROGESTERONE_MEDIATED_OOCYTE_MATURATION	0.038268	0.127578	0.092477
KEGG_REGULATION_OF_ACTIN_CYTOSKELETON	0.038961	0.127578	0.092477
KEGG_P53_SIGNALING_PATHWAY	0.041456	0.133138	0.096507

Table S5. The analysis of association between the prognostic genes expression and chemotherapy drug susceptibility

Gene	Drug	cor	pvalue	Gene	Drug	cor	pvalue
ANXA5	Dexrazoxane	-0.53461	1.08E-05	PHLDA2	Vemurafenib	0.356702	0.005149
ANXA5	Oxaliplatin	-0.5208	1.99E-05	EZH2	6-Thioguanine	0.354252	0.005487
SFN	Arsenic trioxide	-0.51637	2.41E-05	CASP2	Acrichine	0.35322	0.005635
CASP2	Nelarabine	0.510784	3.05E-05	ANXA5	Dromostanolone Pro	-0.35298	0.00567
PHLDA2	Arsenic trioxide	-0.50393	4.05E-05	ANXA5	Raloxifene	-0.35128	0.005923
SFN	Pipamperone	-0.49301	6.28E-05	PHLDA2	Uracil mustard	-0.3478	0.006471
SFN	Bortezomib	-0.4718	0.000142	ANXA5	Carmustine	-0.34746	0.006526
PHLDA2	Carboplatin	-0.47104	0.000146	SFN	Depsipeptide	-0.34624	0.00673
ANXA5	Ifosfamide	-0.46463	0.000184	HMGA1	Clofarabine	0.345901	0.006788
HMGA1	Fludarabine	0.464362	0.000186	EZH2	Hydroxyurea	0.345791	0.006806
ANXA5	LDK-378	-0.46303	0.000195	SFN	Doxorubicin	-0.34334	0.007237
EZH2	Nelarabine	0.45933	0.000223	PHLDA2	Cyclophosphamide	-0.3428	0.007335
SFN	Carmustine	-0.45879	0.000227	BAK1	RAPAMYCIN	0.341252	0.007623
SFN	Lomustine	-0.45298	0.000279	SLC2A1	Denileukin Diftitox O	-0.34115	0.007642
CASP2	Vorinostat	0.443807	0.000383	ANXA5	Homoharringtonine	-0.34029	0.007806
HMGA1	Cladribine	0.436666	0.000486	CASP2	Chlorambucil	0.339576	0.007945
PHLDA2	Nelarabine	-0.4347	0.000519	ANXA5	Alectinib	-0.33804	0.008251
ANXA5	Palbociclib	-0.43173	0.000573	SFN	Vinblastine	-0.33737	0.008387
SKP2	Nelarabine	0.430018	0.000606	SFN	Daunorubicin	-0.33673	0.008519
SFN	Carboplatin	-0.42338	0.00075	CASP2	Cladribine	0.336331	0.008603
ANXA5	Lomustine	-0.41715	0.000914	PHLDA2	Dabrafenib	0.335939	0.008686
ANXA5	Tamoxifen	-0.41144	0.001091	EZH2	Ifosfamide	0.335533	0.008772
PHLDA2	Melphalan	-0.40561	0.001304	PHLDA2	ARRY-162	0.335246	0.008834
ANXA5	Celecoxib	-0.40254	0.00143	ANXA5	Arsenic trioxide	-0.33288	0.009354
PHLDA2	Lomustine	-0.40246	0.001433	ANXA5	Mitoxantrone	-0.32991	0.010046
PHLDA2	Digoxin	-0.40237	0.001437	SFN	Epirubicin	-0.3292	0.010218
SFN	Mithramycin	-0.40171	0.001466	ANXA5	Doxorubicin	-0.32907	0.01025
PHLDA2	Chlorambucil	-0.39907	0.001586	ANXA5	Daunorubicin	-0.32901	0.010265
ANXA5	Teniposide	-0.39544	0.001765	BSG	Oxaliplatin	-0.32833	0.010432
PHLDA2	Ifosfamide	-0.39425	0.001828	ANXA5	Irofulven	0.327386	0.010669
CASP2	Cytarabine	0.39389	0.001847	SFN	Teniposide	-0.32613	0.010991
ANXA5	DECITABINE	-0.39292	0.0019	SFN	Topotecan	-0.32537	0.011189
ANXA5	Nitrogen mustard	-0.39208	0.001947	PHLDA2	Idarubicin	-0.32439	0.011451
SFN	Actinomycin D	-0.3918	0.001963	SFN	Sulfatinib	-0.32354	0.011681
ANXA5	DAUNORUBICIN	-0.38849	0.00216	SFN	Melphalan	-0.32328	0.011753
MAD2L1	Nelarabine	0.380249	0.002727	BAK1	Fludarabine	0.322586	0.011945
ANXA5	Epirubicin	-0.37983	0.00276	HMGA1	6-THIOGUANINE	0.32208	0.012087
PHLDA2	Carmustine	-0.37882	0.002839	EZH2	Fludarabine	0.321368	0.012289
PHLDA2	ARSENIC TRIOXIDE	-0.37836	0.002875	CASP2	Melphalan	0.320549	0.012525
SFN	Ixazomib citrate	-0.37755	0.002941	EZH2	Acrichine	0.316593	0.013721
SFN	Cisplatin	-0.37219	0.003408	PHLDA2	Mitoxantrone	-0.31564	0.014025
SFN	ARSENIC TRIOXIDE	-0.37213	0.003414	PHLDA2	Etoposide	-0.31458	0.014366
CASP2	Hydroxyurea	0.371898	0.003435	HMGA1	Allopurinol	0.314103	0.014523
CASP2	Bendamustine	0.371588	0.003464	SFN	Ifosfamide	-0.31388	0.014597
SFN	Dabrafenib	-0.37138	0.003484	CASP2	Uracil mustard	0.313625	0.014682
EZH2	6-THIOGUANINE	0.370465	0.003572	HMGA1	Cytarabine	0.313569	0.0147
PHLDA2	Dexrazoxane	-0.36974	0.003642	SFN	Bisacodyl, active ingr	0.313513	0.014719
PHLDA2	Nitrogen mustard	-0.36895	0.003722	HMGA1	Floxuridine	0.312483	0.015066
ANXA5	Etoposide	-0.36861	0.003755	SFN	Uracil mustard	-0.31246	0.015074
CASP2	Fludarabine	0.365456	0.004088	ANXA5	Paclitaxel	-0.31203	0.015223
EZH2	Vorinostat	0.363475	0.004309	ANXA5	Ixabepilone	-0.3113	0.015475
SFN	Vemurafenib	-0.36311	0.004352	SFN	Etoposide	-0.31112	0.015537
BAK1	Rapamycin	0.361218	0.004575	ANXA5	Crizotinib	-0.31075	0.015667
ANXA5	Valrubicin	-0.3593	0.004811	SFN	Estramustine	-0.31052	0.015747
ANXA5	Imatinib	-0.35905	0.004844	EZH2	Cytarabine	0.310265	0.015839
BSG	LEE-011	-0.35671	0.005148	HMGA1	Bortezomib	-0.30902	0.016286

PHLDA2	Cobimetinib (isome	0.308733	0.016391	ANXA5	BMN-673	-0.27638	0.032548
SFN	ABT-199	-0.30791	0.016695	MAD2L1	Hydroxyurea	0.27536	0.03322
ANXA5	Fluphenazine	-0.30638	0.017273	CASP2	6-THIOGUANINE	0.274879	0.033541
SFN	Homoharringtonine	-0.30617	0.017353	PHLDA2	Parthenolide	-0.27472	0.03365
ANXA5	Cyclophosphamide	-0.30558	0.017583	BAK1	Cladribine	0.274701	0.033661
BSG	Palbociclib	-0.30341	0.018443	SKP2	Clofarabine	0.274538	0.03377
HMGA1	DACARBAZINE	0.302961	0.018625	ANXA5	Digoxin	-0.2744	0.033866
CASP2	Zoledronate	-0.30268	0.018738	EZH2	Belinostat	0.272783	0.034971
ANXA5	brigatinib	-0.30249	0.018816	CDKN3	Temsirolimus	-0.27192	0.035572
SFN	Encorafenib	-0.30047	0.019667	BAK1	Temsirolimus	0.271529	0.035851
SFN	Carfilzomib	-0.29991	0.019905	HMGA1	6-MERCAPTOPURIN	0.270933	0.036276
SFN	DACARBAZINE	-0.29849	0.020531	NRAS	Fluorouracil	-0.27067	0.036463
ANXA5	Actinomycin D	-0.29757	0.02094	ANXA5	Vinorelbine	-0.27058	0.036529
ANXA5	Tegafur	-0.29747	0.020984	PHLDA2	TESTOLACTONE	-0.26971	0.037162
SFN	Chlorambucil	-0.29745	0.020995	ANXA5	Dabrafenib	0.269654	0.0372
SFN	Vincristine	-0.29617	0.021579	ANXA5	Melphalan	-0.26917	0.037554
CASP2	Idarubicin	0.29608	0.021622	EZH2	DACARBAZINE	0.268045	0.038392
EZH2	Palbociclib	0.296018	0.021651	CASP2	Irinotecan	0.268006	0.038421
ANXA5	Isotretinoin	-0.29579	0.021759	CASP2	Pipobroman	0.267947	0.038465
PHLDA2	Trametinib	0.295089	0.022086	ANXA5	TESTOLACTONE	-0.26686	0.039289
PHLDA2	Cisplatin	-0.29474	0.022249	PHLDA2	Triethylenemelamine	-0.26681	0.039329
CASP2	Triethylenemelamin	0.29309	0.023046	SKP2	Dexamethasone Dec	0.26649	0.039573
CASP2	Gemcitabine	0.292421	0.023375	BAK1	6-THIOGUANINE	0.266162	0.039826
MAD2L1	Everolimus	-0.29231	0.023429	CASP2	RAPAMYCIN	0.266151	0.039834
PBK	Nelarabine	0.29217	0.0235	SLC2A1	Irofulven	0.265897	0.040031
EZH2	Allopurinol	0.291836	0.023667	EZH2	Cladribine	0.265042	0.040699
CDKN3	LEE-011	0.291195	0.023989	ANXA5	Nelarabine	-0.26494	0.040781
HMGA1	METHOTREXATE	0.290236	0.024479	MAD2L1	Palbociclib	0.264869	0.040836
BAK1	Palbociclib	-0.29001	0.024595	BSG	Carfilzomib	-0.26408	0.041463
PHLDA2	Bendamustine	-0.28991	0.024647	SFN	Cyclophosphamide	-0.26401	0.041516
EZH2	LEE-011	0.289583	0.024817	PBK	brigatinib	-0.26387	0.041632
CASP2	Clofarabine	0.289474	0.024874	SFN	Irinotecan	-0.26323	0.042147
SFN	ETHINYL ESTRADIO	-0.28893	0.025157	SFN	7-Ethyl-10-hydroxy	-0.26305	0.042297
PHLDA2	Selumetinib	0.288481	0.025397	PHLDA2	Fluphenazine	-0.26278	0.042514
ANXA5	Axitinib	-0.28765	0.025841	ANXA5	Docetaxel	-0.26276	0.042527
SLC2A1	Simvastatin	0.286889	0.026254	CASP2	Raloxifene	0.262671	0.042601
NRAS	Vinorelbine	-0.28645	0.026496	NRAS	Panobinostat	-0.2625	0.042744
PHLDA2	Daunorubicin	-0.28634	0.026558	SFN	Pipobroman	-0.26219	0.042996
ANXA5	Eribulin mesilate	-0.28564	0.026945	ANXA5	Pipobroman	-0.2616	0.043484
NRAS	Lenvatinib	0.285519	0.027012	SFN	Acetalax	0.261403	0.043648
ANXA5	Carfilzomib	-0.28537	0.027093	NRAS	LDK-378	-0.26118	0.043836
ANXA5	Fluorouracil	-0.28451	0.027582	ANXA5	LEE-011	-0.26115	0.043856
CDKN3	Denileukin Diftitox	-0.28393	0.027911	SLC2A1	Arsenic trioxide	-0.26054	0.044373
CASP2	Thiotepa	0.283328	0.028261	EZH2	6-MERCAPTOPURIN	0.260522	0.044388
SLC2A1	Digoxin	-0.28291	0.028506	SLC2A1	Bendamustine	-0.26039	0.044497
PHLDA2	Hydroxyurea	-0.28274	0.028602	PHLDA2	Oxaliplatin	-0.25949	0.045265
ANXA5	ARSENIC TRIOXIDE	-0.28256	0.02871	ANXA5	Vinblastine	-0.25948	0.045273
MAD2L1	6-Thioguanine	0.28253	0.028728	SLC2A1	IPI-145	0.259448	0.045304
ANXA5	Pipamperone	-0.28169	0.029224	EZH2	Carmustine	0.257928	0.046626
PHLDA2	Teniposide	-0.28122	0.029508	SLC2A1	Bortezomib	-0.25777	0.046764
EZH2	Chlorambucil	0.280932	0.029682	SKP2	Asparaginase	0.257658	0.046864
BSG	Floxuridine	0.280373	0.030022	SLC2A1	Dasatinib	0.25747	0.047031
CASP2	7-Ethyl-10-hydroxy	0.279784	0.030384	HMGA1	Raltitrexed	0.257319	0.047165
HMGA1	6-Thioguanine	0.279473	0.030577	BSG	Temsirolimus	0.255901	0.048439
PHLDA2	Pipobroman	-0.279	0.030871	EZH2	Dexrazoxane	0.255815	0.048517
PHLDA2	DAUNORUBICIN	-0.27851	0.031181	SFN	tfdu	-0.25519	0.049084
ANXA5	Idarubicin	-0.27782	0.031619	PHLDA2	Encorafenib	0.255108	0.049163
ANXA5	ARRY-162	0.255073	0.049195				