

Reference genome ID	Gene ID	Gene Length	p-Value	Adjusted p-Value	log2FoldChange	Direction	Gene Name	Annotation
C. stinkeris NA3	HKMHBKFO_01373	1542	4.70E-25	3.70E-22	-3.147176307	C. stinkeris NA3		Succinyl-CoA:acetate CoA-transferase
C. noahi NE2	KHAFFMAE_01267	1542	4.70E-25	3.70E-22	-3.147176307	C. stinkeris NA3		Succinyl-CoA:acetate CoA-transferase
C. stinkeris NA3	HKMHBKFO_00373	1677	1.53E-22	6.01E-20	2.391006991	C. noahi NE2	rpsA	30S ribosomal protein S1
C. noahi NE2	KHAFFMAE_00723	1677	1.53E-22	6.01E-20	2.391006991	C. noahi NE2	rpsA	30S ribosomal protein S1
C. stinkeris NA3	HKMHBKFO_00135	1182	1.57E-19	4.12E-17	-7.950286593	C. stinkeris NA3	trpB	Tryptophan synthase subunit beta
C. noahi NE2	KHAFFMAE_00941	1182	1.57E-19	4.12E-17	-7.950286593	C. stinkeris NA3	trpB	Tryptophan synthase subunit beta
C. stinkeris NA3	HKMHBKFO_01139	285	3.68E-19	7.24E-17	-2.672701769	C. stinkeris NA3	fdxA	4Fe-4S dicluster domain-containing protein
C. noahi NE2	KHAFFMAE_01502	285	3.68E-19	7.24E-17	-2.672701769	C. stinkeris NA3	fdxA	4Fe-4S dicluster domain-containing protein
C. stinkeris NA3	HKMHBKFO_01375	1545	6.45E-16	1.02E-13	-3.727434519	C. stinkeris NA3		Succinyl-CoA:acetate CoA-transferase
C. noahi NE2	KHAFFMAE_01264	1545	6.45E-16	1.02E-13	-3.727434519	C. stinkeris NA3		Succinyl-CoA:acetate CoA-transferase
C. stinkeris NA3	HKMHBKFO_00075	537	8.07E-14	1.06E-11	3.059223431	C. noahi NE2	rplY	50S ribosomal protein L25/general stress protein Ctc
C. noahi NE2	KHAFFMAE_00997	537	8.07E-14	1.06E-11	3.059223431	C. noahi NE2	rplY	50S ribosomal protein L25/general stress protein Ctc
C. stinkeris NA3	HKMHBKFO_00070	1209	1.00E-13	1.13E-11	2.961139001	C. noahi NE2	pilT_1	Twitching mobility protein
C. noahi NE2	KHAFFMAE_01000	1209	1.00E-13	1.13E-11	2.961139001	C. noahi NE2	pilT_2	Twitching mobility protein
C. stinkeris NA3	HKMHBKFO_00778	1710	1.57E-13	1.37E-11	3.326086613	C. noahi NE2	proS	Proline-tRNA ligase
C. noahi NE2	KHAFFMAE_00318	1716	1.57E-13	1.37E-11	3.326086613	C. noahi NE2	proS	Proline-tRNA ligase
C. stinkeris NA3	HKMHBKFO_00199	1296	1.54E-13	1.37E-11	2.572261343	C. noahi NE2	miaB	tRNA (N6-isopentenyl adenosine(37)-C2)-methylthiotransferase MiaB
C. noahi NE2	KHAFFMAE_00877	1296	1.54E-13	1.37E-11	2.572261343	C. noahi NE2	miaB	tRNA (N6-isopentenyl adenosine(37)-C2)-methylthiotransferase MiaB

C. stinkeris NA3	HKMHBKFO_01544	1440	2.83E-13	2.22E-11	-2.621738501	C. stinkeris NA3	cmeC	Multidrug efflux transporter outer membrane subunit CmeC
C. noahi NE2	KHAFFMAE_01089	1440	2.83E-13	2.22E-11	-2.621738501	C. stinkeris NA3	cmeC	Multidrug efflux transporter outer membrane subunit CmeC
C. stinkeris NA3	HKMHBKFO_00307	2673	3.55E-11	2.54E-09	1.701771353	C. noahi NE2	gyrA	DNA topoisomerase (ATP-hydrolyzing) subunit A
C. noahi NE2	KHAFFMAE_00785	2682	3.55E-11	2.54E-09	1.701771353	C. noahi NE2	gyrA	DNA topoisomerase (ATP-hydrolyzing) subunit A
C. stinkeris NA3	HKMHBKFO_01339	519	7.56E-11	4.96E-09	6.072274988	C. noahi NE2		hypothetical protein
C. noahi NE2	KHAFFMAE_01306	519	7.56E-11	4.96E-09	6.072274988	C. noahi NE2		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01440	1314	1.12E-10	6.78E-09	-5.857427104	C. stinkeris NA3	paaK	Phenylacetate-coenzyme A ligase
C. noahi NE2	KHAFFMAE_01199	1314	1.12E-10	6.78E-09	-5.857427104	C. stinkeris NA3		Phenylacetate-coenzyme A ligase
C. stinkeris NA3	HKMHBKFO_00258	1962	1.33E-10	7.49E-09	-5.904687065	C. stinkeris NA3	ftsH_1	ATP-dependent zinc metalloprotease FtsH
C. noahi NE2	KHAFFMAE_00822	1962	1.33E-10	7.49E-09	-5.904687065	C. stinkeris NA3	ftsH	ATP-dependent zinc metalloprotease FtsH
C. noahi NE2	KHAFFMAE_00162	1209	2.08E-10	1.09E-08	4.957004783	C. noahi NE2	mltD	Lytic transglycosylase domain-containing protein
C. stinkeris NA3	HKMHBKFO_00937	1209	2.08E-10	1.09E-08	4.957004783	C. noahi NE2	mltD	Membrane-bound lytic murein transglycosylase D
C. stinkeris NA3	HKMHBKFO_01137	360	3.13E-10	1.54E-08	3.205030145	C. noahi NE2		hypothetical protein
C. noahi NE2	KHAFFMAE_01504	360	3.13E-10	1.54E-08	3.205030145	C. noahi NE2		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00143	1047	7.18E-10	3.18E-08	-3.088074488	C. stinkeris NA3	obgE	GTPase ObgE
C. noahi NE2	KHAFFMAE_00933	1047	7.18E-10	3.18E-08	-3.088074488	C. stinkeris NA3	obgE	GTPase ObgE
C. stinkeris NA3	HKMHBKFO_00654	666	7.28E-10	3.18E-08	1.9608997	C. noahi NE2	purQ	Phosphoribosylformylglycinamide synthase I
C. noahi NE2	KHAFFMAE_00453	666	7.28E-10	3.18E-08	1.9608997	C. noahi NE2	purQ	Phosphoribosylformylglycinamide synthase I

C. stinkeris NA3	HKMHBKFO_00156	603	8.00E-10	3.32E-08	3.162762424	C. noahi NE2	exbB3	MotA/TolQ/ExbB proton channel family protein
C. noahi NE2	KHAFFMAE_00920	603	8.00E-10	3.32E-08	3.162762424	C. noahi NE2	exbB3	MotA/TolQ/ExbB proton channel family protein
C. stinkeris NA3	HKMHBKFO_00504	1896	1.20E-09	4.72E-08	-2.980941744	C. stinkeris NA3	dnaK	Molecular chaperone DnaK
C. noahi NE2	KHAFFMAE_00602	1893	1.20E-09	4.72E-08	-2.980941744	C. stinkeris NA3	dnaK	Molecular chaperone DnaK
C. stinkeris NA3	HKMHBKFO_01525	558	1.80E-09	6.76E-08	-2.614752039	C. stinkeris NA3	frr	Ribosome recycling factor
C. noahi NE2	KHAFFMAE_01110	558	1.80E-09	6.76E-08	-2.614752039	C. stinkeris NA3	frr	Ribosome recycling factor
C. stinkeris NA3	HKMHBKFO_00211	276	4.21E-09	1.51E-07	2.483399839	C. noahi NE2		hypothetical protein
C. noahi NE2	KHAFFMAE_00868	276	4.21E-09	1.51E-07	2.483399839	C. noahi NE2		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01345	315	6.31E-09	2.07E-07	-3.721783546	C. stinkeris NA3		hypothetical protein
C. noahi NE2	KHAFFMAE_01295	315	6.31E-09	2.07E-07	-3.721783546	C. stinkeris NA3		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00689	1173	6.14E-09	2.07E-07	-1.586740074	C. stinkeris NA3	aspB_1	Pyridoxal phosphate-dependent aminotransferase
C. noahi NE2	KHAFFMAE_00416	1173	6.14E-09	2.07E-07	-1.586740074	C. stinkeris NA3	aspB	Pyridoxal phosphate-dependent aminotransferase
C. stinkeris NA3	HKMHBKFO_00076	663	8.20E-09	2.48E-07	-2.013341464	C. stinkeris NA3	pth	Aminoacyl-tRNA hydrolase
C. noahi NE2	KHAFFMAE_00996	663	8.20E-09	2.48E-07	-2.013341464	C. stinkeris NA3	pth	Aminoacyl-tRNA hydrolase
C. stinkeris NA3	HKMHBKFO_01377	219	7.88E-09	2.48E-07	-2.387250566	C. stinkeris NA3	infA	Translation initiation factor IF-1
C. noahi NE2	KHAFFMAE_01262	219	7.88E-09	2.48E-07	-2.387250566	C. stinkeris NA3	infA	Translation initiation factor IF-1
C. stinkeris NA3	HKMHBKFO_00656	717	1.40E-08	4.09E-07	2.288760977	C. noahi NE2	purC	Phosphoribosylaminoimidazole succinocarboxamide synthase
C. noahi NE2	KHAFFMAE_00451	717	1.40E-08	4.09E-07	2.288760977	C. noahi NE2	purC	Phosphoribosylaminoimidazole succinocarboxamide synthase
C. stinkeris NA3	HKMHBKFO_00798	498	1.84E-08	5.17E-07	5.208463694	C. noahi NE2		HIT domain-containing protein
C. noahi NE2	KHAFFMAE_00298	492	1.84E-08	5.17E-07	5.208463694	C. noahi NE2		HIT domain-containing protein
C. stinkeris NA3	HKMHBKFO_00136	750	2.35E-08	6.38E-07	-2.058009496	C. stinkeris NA3	trpA	Tryptophan synthase subunit alpha

C. noahi NE2	KHAFFMAE_00940	750	2.35E-08	6.38E-07	-2.058009496	C. stinkeris NA3	trpA	Tryptophan synthase subunit alpha
C. stinkeris NA3	HKMHBKFO_00546	1569	2.53E-08	6.63E-07	1.722767497	C. noahi NE2	mshL	Pilus (MSHA type) biogenesis protein MshL
C. noahi NE2	KHAFFMAE_00560	1569	2.53E-08	6.63E-07	1.722767497	C. noahi NE2	mshL	Pilus (MSHA type) biogenesis protein MshL
C. stinkeris NA3	HKMHBKFO_01439	402	2.82E-08	7.17E-07	3.356020812	C. noahi NE2		hypothetical protein
C. noahi NE2	KHAFFMAE_01200	402	2.82E-08	7.17E-07	3.356020812	C. noahi NE2		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01524	609	3.41E-08	8.38E-07	2.653552904	C. noahi NE2	pyrE	Orotate phosphoribosyltransferase
C. noahi NE2	KHAFFMAE_01111	609	3.41E-08	8.38E-07	2.653552904	C. noahi NE2	pyrE	Orotate phosphoribosyltransferase
C. stinkeris NA3	HKMHBKFO_00339	444	3.58E-08	8.53E-07	1.868190178	C. noahi NE2		hypothetical protein
C. noahi NE2	KHAFFMAE_00757	444	3.58E-08	8.53E-07	1.868190178	C. noahi NE2		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01346	846	3.79E-08	8.78E-07	-2.15612723	C. stinkeris NA3	fumB	Fumarate hydratase class I, anaerobic
C. noahi NE2	KHAFFMAE_01294	846	3.79E-08	8.78E-07	-2.15612723	C. stinkeris NA3	fumB	Fumarate hydratase class I, anaerobic
C. stinkeris NA3	HKMHBKFO_00257	849	6.66E-08	1.50E-06	-2.045542724	C. stinkeris NA3	prmA	50S ribosomal protein L11 methyltransferase
C. noahi NE2	KHAFFMAE_00823	849	6.66E-08	1.50E-06	-2.045542724	C. stinkeris NA3	prmA	50S ribosomal protein L11 methyltransferase
C. stinkeris NA3	HKMHBKFO_01235	1383	8.44E-08	1.85E-06	2.76026577	C. noahi NE2	gltX_2	Glutamate-tRNA ligase
C. noahi NE2	KHAFFMAE_01405	1383	8.44E-08	1.85E-06	2.76026577	C. noahi NE2	gltX_2	Glutamate-tRNA ligase
C. stinkeris NA3	HKMHBKFO_00496	411	9.76E-08	2.08E-06	-1.769502313	C. stinkeris NA3	iscR_1	RrF2 family transcriptional regulator
C. noahi NE2	KHAFFMAE_00610	411	9.76E-08	2.08E-06	-1.769502313	C. stinkeris NA3	cymR	RrF2 family transcriptional regulator
C. stinkeris NA3	HKMHBKFO_00725	921	1.08E-07	2.24E-06	-1.510699415	C. stinkeris NA3	mdh	Malate dehydrogenase
C. noahi NE2	KHAFFMAE_00379	921	1.08E-07	2.24E-06	-1.510699415	C. stinkeris NA3	mdh	Malate dehydrogenase
C. stinkeris NA3	HKMHBKFO_01082	546	1.20E-07	2.42E-06	-2.452739506	C. stinkeris NA3	ycel	Polyisoprenoid-binding protein
C. noahi NE2	KHAFFMAE_00020	546	1.20E-07	2.42E-06	-2.452739506	C. stinkeris NA3	ycel	Polyisoprenoid-binding protein
C. stinkeris NA3	HKMHBKFO_00781	249	3.89E-07	7.46E-06	-3.243423117	C. stinkeris NA3		hypothetical protein

C. noahi NE2	KHAFFMAE_00315	249	3.89E-07	7.46E-06	-3.243423117	C. stinkeris NA3	hypothetical protein
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