

Genome ID	Gene ID	Average Percent Identity	Average Percent Alignment	Gene ID	Annotation
C. stinkeris NA3	HKMHBKFO_01462	91.22275	91.22275		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01478	91.2195	91.2195		hypothetical protein
C. noahi NE2	KHAFFMAE_00581	91.195	91.195 nth		Endonuclease III
C. stinkeris NA3	HKMHBKFO_00526	91.195	91.195 nth		Endonuclease III
C. noahi NE2	KHAFFMAE_01178	91.1764	91.1764		hypothetical protein
C. noahi NE2	KHAFFMAE_01427	91.1755	91.1755 htrB_2		Lipid A biosynthesis lauroyl acyltransferase HtrB
C. stinkeris NA3	HKMHBKFO_01213	91.0035	91.0035 htrB_2		Lipid A biosynthesis lauroyl acyltransferase HtrB
C. noahi NE2	KHAFFMAE_00433	90.992	90.992 hypD		Hydrogenase formation protein HypD
C. noahi NE2	KHAFFMAE_01465	90.991	90.991		Sulfite exporter TauE/SafE family protein
C. stinkeris NA3	HKMHBKFO_01175	90.991	90.991		Sulfite exporter TauE/SafE family protein
C. stinkeris NA3	HKMHBKFO_00671	90.984	90.984 hypD		Hydrogenase formation protein HypD
C. noahi NE2	KHAFFMAE_01218	90.974	90.974		Oxidoreductase/MSMEI_2347
C. stinkeris NA3	HKMHBKFO_01419	90.974	90.974		Oxidoreductase/MSMEI_2347
C. stinkeris NA3	HKMHBKFO_01302	90.89725	90.89725 mobA		Molybdenum cofactor guanylyltransferase
C. stinkeris NA3	HKMHBKFO_00522	90.8831875	90.8831875 hcpC_1		Putative beta-lactamase HcpC
C. noahi NE2	KHAFFMAE_01264	90.8572	90.8572		Succinyl-CoA:acetate CoA- transferase
C. noahi NE2	KHAFFMAE_01351	90.856	90.856 mqnD		Menaquinone biosynthesis family protein
C. stinkeris NA3	HKMHBKFO_01292	90.856	90.856 mqnD		Menaquinone biosynthesis family protein
C. noahi NE2	KHAFFMAE_01053	90.609	90.609		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00014	90.609	90.609		Membrane protein

C. noahi NE2	KHAFFMAE_00155	90.544	90.544	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00944	90.544	90.544	hypothetical protein
C. noahi NE2	KHAFFMAE_00943	90.491	90.491 trpF	N-(5'-phosphoribosyl)anthranilate isomerase
C. stinkeris NA3	HKMHBKFO_00133	90.491	90.491 trpF	N-(5'-phosphoribosyl)anthranilate isomerase
C. noahi NE2	KHAFFMAE_00431	90.456	90.456	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00674	90.456	90.456	hypothetical protein
C. noahi NE2	KHAFFMAE_00162	90.339	90.339	Lytic transglycosylase domain-containing protein
C. stinkeris NA3	HKMHBKFO_00937	90.339	90.339 mltD	Membrane-bound lytic murein transglycosylase D
C. stinkeris NA3	HKMHBKFO_00675	90.26775	90.26775 hypC	HypC/HybG/HupF family hydrogenase formation chaperone
C. noahi NE2	KHAFFMAE_00430	90.2566	90.2566 hypC	HypC/HybG/HupF family hydrogenase formation chaperone
C. noahi NE2	KHAFFMAE_01339	90.079	90.079 mobA	Molybdenum cofactor guanylyltransferase
C. stinkeris NA3	HKMHBKFO_00359	89.966	89.966 thiE_2	Thiamine phosphate synthase
C. noahi NE2	KHAFFMAE_01000	89.934	89.934 pilT_2	Twitching mobility protein
C. noahi NE2	KHAFFMAE_00738	89.932	89.932	Thiamine phosphate synthase
C. stinkeris NA3	HKMHBKFO_00235	89.89575	89.89575	Triose-phosphate isomerase
C. stinkeris NA3	HKMHBKFO_00647	89.861	89.861	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00070	89.8555	89.8555 pilT_1	Twitching mobility protein
C. noahi NE2	KHAFFMAE_00848	89.8506	89.8506 tpiA	Triose-phosphate isomerase
C. noahi NE2	KHAFFMAE_00624	89.848	89.848 ruvX	Holliday junction resolvase RuvX

C. stinkeris NA3	HKMHBKFO_00482	89.848	89.848	ruvX	Holliday junction resolvase RuvX
C. stinkeris NA3	HKMHBKFO_01554	89.759	89.759		hypothetical protein
C. noahi NE2	KHAFFMAE_01079	89.744	89.744		hypothetical protein
C. noahi NE2	KHAFFMAE_01204	89.539	89.539	patB	Cystathionine beta-lyase PatB
C. stinkeris NA3	HKMHBKFO_01435	89.539	89.539	patB	Cystathionine beta-lyase PatB
C. noahi NE2	KHAFFMAE_00166	89.5388	89.5388		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00933	89.51325	89.51325		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00931	89.369	89.369		hypothetical protein
C. noahi NE2	KHAFFMAE_01364	89.286	89.286		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01276	89.286	89.286		hypothetical protein
C. noahi NE2	KHAFFMAE_00193	89.091	89.091		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00932	88.9385	88.9385		hypothetical protein
C. noahi NE2	KHAFFMAE_00584	88.9229	88.9229	hcpC_1	Putative beta-lactamase HcpC
C. noahi NE2	KHAFFMAE_00167	88.889	88.889		hypothetical protein
C. noahi NE2	KHAFFMAE_00769	88.5476	88.5476	hisJ_1	Basic amino acid ABC transporter substrate-binding protein
C. stinkeris NA3	HKMHBKFO_00327	88.52	88.52	hisJ_1	Basic amino acid ABC transporter substrate-binding protein
C. noahi NE2	KHAFFMAE_00432	88.3548	88.3548		hypothetical protein
C. stinkeris NA3	HKMHBKFO_00673	88.351625	88.351625		hypothetical protein
C. noahi NE2	KHAFFMAE_00457	88.2208	88.2208	patA	Peptidoglycan O- acetyltransferase
C. stinkeris NA3	HKMHBKFO_00640	88.2085	88.2085	patA	Peptidoglycan O- acetyltransferase
C. noahi NE2	KHAFFMAE_01222	88.179	88.179		hypothetical protein
C. stinkeris NA3	HKMHBKFO_01416	88.179	88.179		hypothetical protein
C. noahi NE2	KHAFFMAE_01350	88.175	88.175	murB	UDP-N-acetylmuramate dehydrogenase
C. stinkeris NA3	HKMHBKFO_01293	88.175	88.175	murB	UDP-N-acetylmuramate dehydrogenase
C. noahi NE2	KHAFFMAE_00513	88.148	88.148		hypothetical protein

C. stinkeris NA3	HKMHBKFO_00594	88.148	88.148	hypothetical protein
C. noahi NE2	KHAFFMAE_00338	87.977	87.977 napD	Chaperone NapD
C. stinkeris NA3	HKMHBKFO_00759	87.977	87.977 napD	Chaperone NapD
C. noahi NE2	KHAFFMAE_00757	87.865	87.865	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00339	87.865	87.865	hypothetical protein
C. noahi NE2	KHAFFMAE_00561	87.5172	87.5172	hypothetical protein
C. noahi NE2	KHAFFMAE_00562	86.989	86.989	hypothetical protein
C. noahi NE2	KHAFFMAE_00213	86.905	86.905 lepB	Signal peptidase I
C. stinkeris NA3	HKMHBKFO_00884	86.905	86.905 lepB	Signal peptidase I
C. stinkeris NA3	HKMHBKFO_01026	86.897	86.897	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00545	86.847	86.847	hypothetical protein
C. noahi NE2	KHAFFMAE_00741	86.792	86.792 thiF_2	Thiamine biosynthesis protein ThiF
C. noahi NE2	KHAFFMAE_01171	86.78	86.78	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01469	86.78	86.78	hypothetical protein
C. noahi NE2	KHAFFMAE_00748	86.7772	86.7772	hypothetical protein
C. noahi NE2	KHAFFMAE_00074	86.552	86.552	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01027	86.552	86.552	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00355	86.363	86.363 thiF_1	Thiamine biosynthesis protein ThiF
C. noahi NE2	KHAFFMAE_01386	85.39	85.39 pilE1	Fimbrial protein
C. stinkeris NA3	HKMHBKFO_01254	85.39	85.39 pilE1	Fimbrial protein
C. noahi NE2	KHAFFMAE_01003	85.047	85.047 lpxH	UDP-2,3-diacylglucosamine hydrolase
C. stinkeris NA3	HKMHBKFO_00067	85.047	85.047 lpxH	UDP-2,3-diacylglucosamine hydrolase
C. noahi NE2	KHAFFMAE_01535	85.029	85.029	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01106	85.029	85.029	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01403	84.512	84.512 rnhB	Ribonuclease HII
C. noahi NE2	KHAFFMAE_01235	84.459	84.459 rnhB	Ribonuclease HII
C. stinkeris NA3	HKMHBKFO_00158	84.414	84.414	hypothetical protein
C. noahi NE2	KHAFFMAE_00918	84.3588	84.3588	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00641	84.353	84.353	hypothetical protein

C. noahi NE2	KHAFFMAE_00456	84.3188	84.3188	hypothetical protein
C. noahi NE2	KHAFFMAE_00885	84.152	84.152 flhG	Flagella biosynthesis ATPase FlhG
C. stinkeris NA3	HKMHBKFO_00191	84.152	84.152 flhG	Flagella biosynthesis ATPase FlhG
C. stinkeris NA3	HKMHBKFO_00904	83.991	83.991 nssR	Nitrosative stress-sensitive transcriptional regulator NssR
C. stinkeris NA3	HKMHBKFO_00354	83.66475	83.66475	hypothetical protein
C. noahi NE2	KHAFFMAE_00637	83.283	83.283	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00463	83.283	83.283	hypothetical protein
C. noahi NE2	KHAFFMAE_00969	81.965	81.965	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00104	81.965	81.965	hypothetical protein
C. noahi NE2	KHAFFMAE_01179	81.799	81.799	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01461	81.799	81.799	hypothetical protein
C. noahi NE2	KHAFFMAE_00075	81.481	81.481	hypothetical protein
C. noahi NE2	KHAFFMAE_01430	80.989	80.989	hypothetical protein
C. stinkeris NA3	HKMHBKFO_01209	80.974	80.974	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00798	80.118	80.118	HIT domain-containing protein
C. noahi NE2	KHAFFMAE_00298	79.84	79.84	HIT domain-containing protein
C. noahi NE2	KHAFFMAE_01084	79.4262	79.4262	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00111	79.422	79.422 wbbD	UDP-Gal:alpha-D-GlcNAc- diphosphoundecaprenol beta- 1,3-galactosyltransferase
C. stinkeris NA3	HKMHBKFO_01549	79.409	79.409	hypothetical protein
C. noahi NE2	KHAFFMAE_00964	79.398	79.398 wbbD	UDP-Gal:alpha-D-GlcNAc- diphosphoundecaprenol beta- 1,3-galactosyltransferase
C. noahi NE2	KHAFFMAE_00971	76.98	76.98	hypothetical protein
C. stinkeris NA3	HKMHBKFO_00101	76.98	76.98	hypothetical protein