





<b>EF1091</b>	<b>hypothetical protein</b>	500	<b>-5</b>	0.012	25172	34779												
<b>EF1092</b>	<b>conserved hypothetical protein</b>	500	<b>-4</b>	0.011	16027	21743												
<b>EF1093</b>	<b>LPX-motif cell wall anchor domain protein</b>	496	<b>-4</b>	0.005	24900	34987	<b>-3</b>	0.031	11832	17431								
<b>EF1094</b>	<b>LPX-site transpeptidase family protein</b>	488	<b>-2</b>	0.019	9484	13402												
<b>EF1097</b>	<b>hypothetical protein</b>	466	<b>214</b>	0.004	14581	316	<b>10</b>	0.050	4338	516								
EF1106	hypothetical protein	100	<b>2</b>	0.016	3129	3034												
EF1108	conserved hypothetical protein	499	<b>-2</b>	0.015	9248	12279												
EF1120	amino acid ABC transporter, P-binding protein	507					<b>4</b>	0.034	6986	2259								
EF1152	conserved hypothetical protein	498									<b>2</b>	0.030	6284	3321				
EF1153	carboxypeptidase	500					<b>2</b>	0.015	14854	8725	<b>2</b>	0.000	11492	6884				
EF1154	conserved hypothetical protein	500					<b>4</b>	0.026	13692	7026	<b>2</b>	0.022	9108	5104				
EF1155	endonuclease III	497	<b>2</b>	0.007	17009	9858	<b>3</b>	0.005	13673	6373								
EF1160	PTS system component	500									<b>-2</b>	0.045	2482	1871				
EF1167	fructose-bisphosphate aldolase	486					<b>-3</b>	0.006	8733	15841								
EF1189	hypothetical protein	515					<b>2</b>	0.041	4505	2852								
EF1190	hypothetical protein	469	<b>3</b>	0.000	27580	13454												
EF1191	DegV family protein	496	<b>3</b>	0.010	30212	12243	<b>3</b>	0.048	6383	3262	<b>2</b>	0.026	3430	1787				
EF1206	malate oxidoreductase	500	<b>-2</b>	0.016	8167	10520	<b>-5</b>	0.003	12551	35780								
EF1207	citrate carrier protein	504					<b>-2</b>	0.013	5629	7391								
EF1213	acetolactate synthase	501	<b>-2</b>	0.010	14831	19082												
EF1219	spermidine/putrescine ABC transporter, permea	500					<b>2</b>	0.004	2329	1556								
EF1228	hypothetical protein	503	<b>-2</b>	0.004	8950	13499												
EF1229	conserved hypothetical protein	490	<b>-2</b>	0.007	4375	6388												
EF1254	ABC transporter, permease protein	508	<b>2</b>	0.007	2269	1471												
EF1255	ABC transporter, P-binding protein	515	<b>2</b>	0.011	4225	2710												
EF1256	membrane protein, putative	410					<b>2</b>	0.009	5419	3027								
EF1271	N utilization substance protein A	497					<b>3</b>	0.005	4035	1789								
EF1274	translation initiation factor IF-2	500					<b>2</b>	0.004	27445	14496								
EF1300	cell division protein, FtsW/RodA/SpovE family	501	<b>-2</b>	0.001	4860	7110												
EF1306	heat-inducible transcription repressor HrcA	512					<b>2</b>	0.000	24776	15891								
EF1307	heat shock protein GrpE	481					<b>2</b>	0.001	27789	16407								
EF1308	dnak protein	501					<b>2</b>	0.000	24684	13369								
EF1310	dnaJ protein	505					<b>2</b>	0.012	10101	5293								
EF1322	conserved hypothetical protein	508					<b>2</b>	0.007	22665	14053	<b>2</b>	0.023	22751	13106				
EF1323	conserved hypothetical protein, authentic point n	497					<b>2</b>	0.007	30289	16311	<b>3</b>	0.032	25141	13283				
EF1327	(R)-2-hydroxyglutaryl-CoA dehydratase activator	501	<b>-3</b>	0.006	16697	25332	<b>-2</b>	0.021	4347	5967								
EF1343	maltose ABC transporter, permease protein, put	494					<b>6</b>	0.002	7052	2050	<b>4</b>	0.033	4477	1968				
EF1344	maltose ABC transporter, permease protein	498					<b>4</b>	0.025	4691	1901								
EF1345	maltose ABC transporter, maltose-binding protei	502					<b>4</b>	0.007	26745	13095	<b>5</b>	0.004	27207	8869				
EF1352	cation-transporting Pase, E1-E2 family	496					<b>2</b>	0.000	7348	3514								
EF1353	pyruvate dehydrogenase complex, E1 component	493					<b>2</b>	0.044	37222	29195								
EF1376	hypothetical protein	496	<b>3</b>	0.007	19261	9070												
EF1404	MutS2 family protein	501									<b>3</b>	0.031	2837	1338				
EF1450	conserved hypothetical protein	474					<b>2</b>	0.004	5724	3258								
EF1451	hypothetical protein	219					<b>2</b>	0.017	2690	1788								
EF1494	V-type Pase, subunit K	391					<b>2</b>	0.032	6369	4093								
EF1496	V-type Pase, subunit C	488					<b>2</b>	0.000	15182	8176								
EF1497	V-type Pase, subunit G	285					<b>2</b>	0.008	7057	3608								
EF1498	V-type Pase, subunit A	500					<b>2</b>	0.005	9796	5697								
EF1499	V-type Pase, subunit B	499					<b>2</b>	0.003	11783	6427	<b>2</b>	0.021	8010	5113				
EF1500	V-type Pase, subunit D	489					<b>3</b>	0.002	9180	3941								
EF1501	hypothetical protein	261	<b>2</b>	0.018	10842	6088	<b>4</b>	0.015	10459	6171								
EF1515	transcription antiterminator BglG family protein	515	<b>3</b>	0.000	8264	4197												
EF1516	PTS system component	496	<b>3</b>	0.000	7494	3168												
EF1521	DNA primase	500					<b>3</b>	0.025	9520	5105								
EF1522	RNA polymerase sigma-70 factor family protein	501					<b>3</b>	0.014	8120	3997								
EF1524	conserved hypothetical protein	488					<b>2</b>	0.001	4211	2194								
EF1525	ferric uptake regulator family protein	420					<b>2</b>	0.021	8694	4587								
EF1526	glyceraldehyde 3-phosphate dehydrogenase	503					<b>2</b>	0.041	38442	27021								
EF1535	conserved hypothetical protein	497					<b>-2</b>	0.036	2078	3419								
EF1541	conserved hypothetical protein	494	<b>2</b>	0.004	5006	3021	<b>4</b>	0.002	11618	4040	<b>3</b>	0.035	9407	3569				
EF1547	cytidylate kinase	500	<b>3</b>	0.002	29817	15920					<b>4</b>	0.021	5864	1815				
<b>EF1561</b>	<b>shikimate 5-dehydrogenase</b>	500					<b>5</b>	0.016	12050	3784	<b>9</b>	0.036	10293	1662				
<b>EF1562</b>	<b>phospho-2-dehydro-3-deoxyheptonate aldola</b>	500	<b>2</b>	0.032	38475	24865	<b>17</b>	0.016	42955	8977	<b>24</b>	0.010	38317	3812				
<b>EF1563</b>	<b>3-dehydroquinase synthase</b>	500	<b>3</b>	0.008	16010	7890	<b>24</b>	0.015	28577	4925	<b>22</b>	0.004	26175	2381				
<b>EF1564</b>	<b>chorismate synthase</b>	503	<b>2</b>	0.038	8740	4646	<b>21</b>	0.020	14845	2774	<b>9</b>	0.006	10042	1669				
<b>EF1565</b>	<b>prephenate dehydrogenase, putative</b>	487	<b>2</b>	0.034	19796	12862	<b>11</b>	0.015	40961	11835	<b>13</b>	0.008	30625	5187				

EF1566	3-phosphoshikimate 1-carboxyvinyltransferase	495					11	0.007	34102	8180	11	0.012	21811	4521
EF1567	shikimate kinase	444					4	0.012	33649	11644	8	0.023	30830	6805
EF1568	chorismate mutase/prephenate dehydratase,	496					10	0.010	18571	4222				
EF1569	transcriptional regulator, PSR protein	499					5	0.024	4772	1871				
EF1573	hypothetical protein	212					2	0.043	4339	2474				
EF1574	Na <sup>+</sup> /H <sup>+</sup> antiporter	500					2	0.003	6411	2977				
EF1586	NADH oxidase	501					2	0.007	21185	12763				
EF1590	protease synthase and sporulation negative regu	477					3	0.006	2842	1250				
EF1596	conserved domain protein	497									2	0.014	4326	2362
EF1606	glycosyl hydrolase, family 1	499	4	0.016	4500	2061	4	0.012	2234	1043				
EF1610	hypothetical protein	503	3	0.000	17958	9569								
EF1616	conserved hypothetical protein	372									-2	0.013	2156	2843
EF1617	conserved hypothetical protein	416					-87	0.001	1862	23224	-49	0.002	1081	15457
EF1618	ethanolamine utilization protein euth	494					-63	0.000	870	10659	-32	0.006	812	7251
EF1619	carbon dioxide concentrating mechanism pro	241					-51	0.005	689	13721	-59	0.006	474	9739
EF1620	hypothetical protein	505					-95	0.003	660	17922	-63	0.012	821	18735
EF1621	conserved hypothetical protein	504					-96	0.004	997	24108	-92	0.008	691	13663
EF1622	hypothetical protein	501					-181	0.000	834	23003	-45	0.027	619	13530
EF1623	pduJ protein	266					-61	0.000	1207	18665	-45	0.003	577	9812
EF1624	aldehyde dehydrogenase, putative	506					-165	0.000	1331	29369	-77	0.011	1164	18215
EF1625	pduJ protein	506					-8	0.002	889	2712	-6	0.007	1126	2038
EF1627	ethanolamine ammonia-lyase light chain, put	487					-139	0.001	913	24156	-77	0.029	824	10588
EF1629	ethanolamine ammonia lyase large subunit	495					-288	0.000	792	26871	-86	0.005	612	14231
EF1630	chaperonin, putative, authentic frameshift	500					-107	0.001	932	15614	-43	0.000	779	10203
EF1632	histidine kinase, putative	503					-18	0.011	799	7581	-12	0.008	1793	7958
EF1633	response regulator	440					-24	0.010	1719	19525	-21	0.004	1200	9535
EF1634	propanediol utilization protein PduV	299					-85	0.001	1550	24497	-27	0.003	1325	8307
EF1635	alcohol dehydrogenase, iron-containing	500					-18	0.002	2433	6382	-7	0.015	823	2028
EF1637	conserved hypothetical protein	502					-9	0.011	817	4064				
EF1638	propanediol utilization protein PduV	424					-22	0.003	631	4642				
EF1639	siderophore ABC transporter, P-binding prot	499					-3	0.010	2202	2473				
EF1640	hemin ABC transporter, permease protein, pi	500					-4	0.048	3023	4326				
EF1641	hemin ABC transporter, hemin-binding prote	496					-4	0.008	2746	4801	-2	0.016	1733	2386
EF1655	2-dehydropantoate 2-reductase, putative	502									-6	0.034	930	5366
EF1658	branched-chain alpha-keto acid, E2 compone	502					-5	0.010	8857	21970				
EF1659	branched-chain alpha-keto acid dehydrogenase	502					-7	0.000	8051	25402	-8	0.005	4334	22514
EF1660	branched-chain alpha-keto acid dehydrogenase	506					-8	0.000	6597	21725	-11	0.024	3205	20934
EF1661	branched-chain alpha-keto acid dehydrogenase	495					-6	0.023	3825	14197				
EF1662	branched-chain carboxylic acid kinase	498					-11	0.000	4200	19731				
EF1663	branched-chain phosphotransacylase	500					-6	0.011	4241	14199	-6	0.029	2633	10899
EF1679	tail-specific protease, putative	502									3	0.022	5894	2847
EF1680	conserved hypothetical protein	502									3	0.018	3644	1772
EF1681	peptide methionine sulfoxide reductase	443	2	0.000	15123	8276	5	0.018	12283	4618				
EF1682	conserved hypothetical protein	499	2	0.002	20168	11755	12	0.014	10880	2449	8	0.010	6683	1503
EF1683	Lipase/Acylhydrolase, putative	495	3	0.002	11328	6079	13	0.019	8448	1997	5	0.043	4185	1187
EF1700	signal recognition particle protein	500									2	0.008	39945	27054
EF1701	conserved hypothetical protein	271					2	0.042	2151	1344				
EF1702	conserved hypothetical protein	431					2	0.027	10622	6208	3	0.003	9633	4828
EF1707	conserved hypothetical protein	500					-8	0.009	17735	45924	-14	0.009	12097	51906
EF1708	conserved hypothetical protein	497					-9	0.003	15399	50360	-11	0.012	9367	42145
EF1712	orotate phosphoribosyltransferase	492					3	0.013	4479	2002				
EF1714	dihydroorotate dehydrogenase	505					2	0.014	4486	2250				
EF1719	aspartate carbamoyltransferase	512	-2	0.043	9302	13045								
EF1720	uracil permease	512	-2	0.022	6975	10049								
EF1727	pore forming protein ebsa	412	2	0.004	2561	1655								
EF1732	ABC transporter, P-binding/permease protein	503	3	0.008	9530	4399								
EF1733	ABC transporter, P-binding/permease protein	503	2	0.010	8303	4138								
EF1753	conserved hypothetical protein	488	-3	0.007	9113	17209								
EF1760	cell division protein FtsX, putative	501					2	0.001	9577	5017				
EF1761	cell division P-binding protein FtsE	499					2	0.016	11124	5770				
EF1762	peptide chain release factor 2	507					4	0.007	14261	4855	3	0.021	6852	4062
EF1770	hypothetical protein	161									3	0.045	3641	1845
EF1774	conserved hypothetical protein	490					2	0.033	2321	1250				
EF1803	PTS system component	500									-2	0.002	1560	3118
EF1817	serine proteinase homolog	501	503	0.001	47004	1356	549	0.000	37583	958	166	0.015	35003	4701
EF1818	gelatinase	506	725	0.000	36622	725	165	0.002	17877	457	215	0.031	22598	1151

<b>EF1820 AgrCfs</b>	494	<b>44</b>	0.000	31041	3092	<b>228</b>	0.000	14704	474	<b>33</b>	0.034	6249	634
<b>EF1821 agrBfs protein</b>	500	<b>480</b>	0.001	42845	3793	<b>153</b>	0.007	20531	737	<b>118</b>	0.016	13257	495
EF1826 alcohol dehydrogenase, zinc-containing	499					<b>-2</b>	0.012	2977	4043				
EF1898 ribosomal protein L19	273									<b>-2</b>	0.040	5524	8824
EF1900 16S rRNA processing protein RimM	484									<b>2</b>	0.023	3281	2123
EF1904 conserved domain protein	502					<b>3</b>	0.026	3118	1569				
EF1907 maoC like domain protein	418									<b>3</b>	0.029	17945	9050
EF1916 P-binding protein	502	<b>2</b>	0.007	12288	6395								
EF1917 P-dependent Clp protease, P-binding subunit Clp	507					<b>2</b>	0.026	20607	11446				
EF1919 acetyltransferase, GN family	472					<b>3</b>	0.043	6838	3538				
EF1921 inosine-uridine preferring nucleoside hydrolase	502					<b>3</b>	0.022	30818	18386	<b>5</b>	0.037	34890	14010
EF1927 glycerol uptake facilitator protein, putative	497					<b>-3</b>	0.011	34100	53520	<b>-5</b>	0.015	22875	48396
EF1928 aerobic glycerol-3-phosphate dehydrogenase, putative	488					<b>-2</b>	0.006	41108	53576				
EF1929 glycerol kinase	499					<b>-4</b>	0.002	27330	54470	<b>-5</b>	0.027	15003	37630
EF1937 conserved hypothetical protein	454	<b>3</b>	0.039	3286	1774								
EF1938 calcium E1-E2-type Pase	498	<b>3</b>	0.006	9686	4646								
EF1973 conserved hypothetical protein TIGR00256	402					<b>3</b>	0.029	3695	1649				
EF1978 DNA-3-methyladenine glycosylase	459					<b>-2</b>	0.033	2569	2887				
EF1981 hypothetical protein	220									<b>2</b>	0.013	3547	2583
EF2023 hypothetical protein	258					<b>-3</b>	0.006	2114	2550				
EF2048 conserved hypothetical protein TIGR00048	501	<b>-2</b>	0.046	9068	12418								
<b>EF2057 polyprenyl synthetase</b>	486	<b>2</b>	0.007	14173	9522								
<b>EF2058 transport P-binding protein CydC, putative</b>	496	<b>3</b>	0.000	15052	7297	<b>7</b>	0.000	19148	4714				
<b>EF2059 transport P-binding protein CydD, putative</b>	498	<b>3</b>	0.003	28177	17808	<b>6</b>	0.000	18670	6319	<b>5</b>	0.003	12908	3970
EF2063 transcriptional activator, AraC family	502									<b>2</b>	0.036	3495	2104
EF2070 tRNA (5-methylaminomethyl-2-thiouridylate)-methyltransferase	493									<b>2</b>	0.042	2353	1642
<b>EF2075 iron (chelated) ABC transporter, permease protein</b>	501					<b>4</b>	0.033	16799	7416	<b>3</b>	0.011	9671	4874
<b>EF2076 endocarditis specific antigen</b>	488					<b>7</b>	0.035	27860	12840	<b>8</b>	0.020	20585	5794
<b>EF2077 ABC transporter, P-binding protein</b>	494					<b>3</b>	0.005	3807	1566				
<b>EF2163 glycerophosphoryl diester phosphodiesterase</b>	500	<b>2</b>	0.047	5805	3762								
<b>EF2165 NAD-dependent epimerase/dehydratase family</b>	495	<b>2</b>	0.014	9545	5956								
EF2177 capsular polysaccharide biosynthesis glycosyltransferase	492					<b>5</b>	0.033	2789	1205				
EF2178 hypothetical protein	497					<b>6</b>	0.040	3387	1574				
EF2179 hypothetical protein	497					<b>3</b>	0.011	4384	2182				
EF2180 glycosyl transferase domain protein	503					<b>2</b>	0.028	7941	4733				
EF2190 glycosyl transferase domain protein	494	<b>2</b>	0.001	8010	4869	<b>4</b>	0.007	3079	955				
EF2191 dTDP-4-dehydrorhamnose reductase	498					<b>6</b>	0.003	9093	2594				
EF2192 dTDP-glucose 4,6-dehydratase	503					<b>3</b>	0.003	25764	11666				
EF2193 dTDP-4-dehydrorhamnose 3,5-epimerase	498					<b>3</b>	0.016	15086	7092				
EF2194 glucose-1-phosphate thymidyltransferase	496					<b>2</b>	0.023	5954	3309				
EF2195 glycosyl transferase domain protein	502	<b>2</b>	0.011	14303	8927								
EF2197 glycosyl transferase domain protein	509	<b>2</b>	0.006	13385	8190								
EF2204 aminopeptidase pep, authentic frameshift	500					<b>2</b>	0.022	9941	5697				
EF2205 conserved hypothetical protein	358					<b>2</b>	0.021	2169	1311				
EF2217 alpha-1,2-mannosidase, putative	494					<b>-6</b>	0.015	9091	24639				
EF2218 DNA-binding response regulator	493					<b>2</b>	0.025	12952	6134				
EF2254 hypothetical protein	491									<b>-2</b>	0.027	1918	4297
EF2314 bacteriocin, putative	507									<b>-2</b>	0.009	2075	3076
EF2355 P-dependent Clp protease, P-binding subunit Clp	493									<b>2</b>	0.041	22400	15461
EF2365 xanthine phosphoribosyltransferase	484	<b>2</b>	0.049	16283	9947								
EF2372 aspartate aminotransferase	498					<b>-2</b>	0.027	9210	13356				
EF2377 amino acid permease	501	<b>2</b>	0.041	11225	7197								
<b>EF2378 DNA polymerase III, alpha subunit, Gram-positive</b>	499					<b>3</b>	0.005	4650	2036				
EF2408 hypothetical protein	56	<b>-2</b>	0.000	10256	13344								
EF2417 ferric uptake regulator family protein	416					<b>2</b>	0.049	4306	2446				
EF2424 pyrroline-5-carboxylate reductase, putative	506					<b>2</b>	0.047	3936	1994				
EF2426 transcriptional regulator, GntR family	497					<b>2</b>	0.013	3312	1722				
EF2433 phosphoglycerate mutase family protein	500									<b>-2</b>	0.018	1480	2519
EF2444 acyl-CoA thioesterase, putative	475	<b>2</b>	0.018	10838	6228	<b>3</b>	0.043	3385	1923				
EF2450 PDZ domain protein	507					<b>2</b>	0.000	11945	5756	<b>3</b>	0.025	9860	4763
EF2451 lipopolysaccharide core biosynthesis protein Kds	478					<b>3</b>	0.014	7361	3634	<b>3</b>	0.009	3898	2180
EF2453 conserved hypothetical protein	262					<b>2</b>	0.038	5870	3439				
EF2478 conserved hypothetical protein	500					<b>3</b>	0.015	4869	2457				
EF2479 conserved hypothetical protein	484					<b>3</b>	0.025	16125	7891	<b>3</b>	0.006	7843	4135
EF2496 lipoprotein, YaeC family	508									<b>2</b>	0.026	12228	7654
EF2509 azlC protein, putative	500	<b>2</b>	0.028	8401	6024								
EF2552 Sua5/YciO/YrdC/YwC family protein, putative	504					<b>3</b>	0.008	11514	5129	<b>3</b>	0.029	8412	3752

EF2590	conserved hypothetical protein	502	2	0.000	10474	5762									
EF2597	glycosyl hydrolase, family 1	509										-5	0.014	2927	9406
EF2603	PTS system component	320					2	0.022	14818	9109					
EF2607	P synthase F1, epsilon subunit	356					2	0.003	27837	16718					
EF2610	P synthase F1, alpha subunit	497					2	0.013	22034	14960					
EF2616	SsrA-binding protein	444					2	0.008	5807	3252					
EF2618	carboxylesterase precursor, putative	495										2	0.017	14378	7272
EF2620	preprotein translocase, SecE subunit	171					2	0.013	4475	2206					
EF2621	conserved hypothetical protein	180					3	0.035	6755	2927					
EF2643	hypothetical protein	490										3	0.013	4032	1737
EF2646	conserved hypothetical protein TIGR00045	501					3	0.004	5428	2387					
EF2654	alcohol dehydrogenase, zinc-containing	500					-2	0.028	5912	7489					
EF2659	conserved hypothetical protein	454					2	0.048	2013	1167					
EF2665	RNA methyltransferase, TrmH family	441					2	0.019	3114	1623					
EF2672	conserved hypothetical protein	497										-3	0.007	4234	8053
EF2678	arsenate reductase, putative	366					3	0.049	33587	19729					
EF2689	exonuclease SbcC	501					2	0.000	16561	10281					
EF2698	tellurite resistance protein	498					2	0.032	29298	23775					
EF2703	transcriptional regulator	498	-2	0.031	3420	4347									
EF2711	transcriptional regulator, AraC family	481					-2	0.044	2106	3289		-3	0.016	1904	4303
EF2719	ribosomal protein L11	358										2	0.007	21870	13367
EF2720	ABC transporter, P-binding protein	504					3	0.030	32309	19618					
EF2737	hypothetical protein	192	3	0.022	6409	3349									
EF2743	conserved hypothetical protein	500					2	0.032	5287	3275					
EF2744	endoglucanase, putative	492										2	0.016	5851	2933
EF2746	dltD protein	507					2	0.013	2946	1456					
EF2747	D-alanyl carrier protein	157					2	0.010	1887	886					
EF2748	dltB protein	492					3	0.002	4568	2130					
EF2749	D-alanine-activating enzyme, putative	505					4	0.004	8118	2998					
EF2751	hypothetical protein	502					3	0.007	9432	4232					
EF2752	ABC transporter, P-binding protein	501					2	0.029	7700	4316					
EF2757	conserved hypothetical protein TIGR00245	500	2	0.030	8554	4798	3	0.028	2539	1251					
EF2760	conserved hypothetical protein	336					2	0.017	19015	10752					
EF2761	conserved hypothetical protein	507					2	0.007	24405	15639		2	0.011	15049	8994
EF2762	DNA polymerase III, delta prime subunit, putative	497					4	0.013	22753	9590		4	0.020	15928	6533
EF2763	conserved hypothetical protein	245										2	0.029	10345	6826
EF2767	transcriptional regulator	505	2	0.007	4333	2500	3	0.004	3155	1526					
EF2768	conserved hypothetical protein	514	2	0.012	4031	2778	3	0.034	2435	1192					
EF2769	ABC transporter, P-binding protein	499	3	0.001	3843	2354	3	0.006	2668	1349		2			
EF2770	conserved hypothetical protein	494	2	0.010	3093	2168									
EF2772	drug transporter, putative, authentic frameshift	502	2	0.001	2449	1473									
EF2775	phosphomethylpyrimidine kinase	501	2	0.003	3317	2067									
EF2776	thiamine-phosphate pyrophosphorylase	500	2	0.003	3262	2301									
EF2777	hydroxyethylthiazole kinase	500	2	0.006	2436	1801									
EF2780	conserved hypothetical protein TIGR00103	293										2	0.024	2998	2053
EF2781	DNA polymerase III, gamma and tau subunits	500										2	0.033	27152	16519
EF2790	rhomboid family protein	487					2	0.049	5498	2982					
EF2795	LysM domain protein	500					3	0.012	4178	1935		3	0.034	3427	1666
EF2860	hypothetical protein	497										4	0.003	5446	2218
EF2867	conserved hypothetical protein	499	2	0.010	17841	10017	2	0.046	7544	4448		2	0.002	6143	3680
EF2870	conserved hypothetical protein TIGR00488	471										2	0.011	16059	10282
EF2871	conserved hypothetical protein TIGR00482	507	2	0.005	28685	19910	2	0.016	7578	4132		2	0.014	6052	3426
EF2872	conserved hypothetical protein TIGR00253	276					2	0.005	3979	1954		2	0.041	2982	1768
EF2873	Pase of unknown function subfamily, putative	496					2	0.030	4818	2619		3	0.039	4544	2754
EF2874	conserved hypothetical protein	495					2	0.028	2240	1212		4	0.035	2474	1227
EF2876	acetyl-CoA carboxylase, carboxyl transferase be	513					3	0.032	23251	10638					
EF2877	acetyl-CoA carboxylase, biotin carboxylase	493					3	0.028	25135	11508					
EF2878	(3R)-hydroxymyristoyl-(acyl-carrier-protein) dehy	373					4	0.016	23577	9821		2	0.049	16360	9713
EF2879	acetyl-CoA carboxylase, biotin carboxyl carrier p	401					5	0.033	24340	9213		3	0.023	14537	7403
EF2880	3-oxoacyl-(acyl-carrier-protein) synthase II	502					4	0.027	27778	10735		3	0.007	21491	11500
EF2881	3-oxoacyl-(acyl-carrier-protein) reductase	496					3	0.021	20986	9427		2	0.019	20205	10268
EF2882	malonyl CoA-acyl carrier protein transacylase	503										2	0.016	11848	6740
EF2898	peptidyl-prolyl cis-trans isomerase, cyclophilin-ty	499										2	0.011	2923	1669
EF2904	conserved hypothetical protein	501										-2	0.034	2410	3745
EF2905	sugar ABC transporter, permease protein	491					-2	0.018	3854	4041					
EF2907	sugar ABC transporter, P-binding protein	500					-2	0.049	4003	4775					
EF2911	DNA-binding response regulator	500					2	0.017	8809	4473		2	0.042	6022	2851
EF2915	conserved hypothetical protein TIGR00247	497					4	0.005	10800	4080		4	0.036	7075	2918

EF2916	hydrolase, haloacid dehalogenase-like family	497				4	0.009	3583	1161								
EF2917	UDP-N-acetylglucosamine 2-epimerase	500				2	0.011	9890	4992	2	0.005	6236	3332				
EF2918	ferrityochelin binding protein	461				2	0.024	18361	9889	2	0.032	12121	5805				
EF2919	ABC transporter, P-binding/permease protein	503								3	0.010	4460	1991				
EF2920	ABC transporter, P-binding/permease protein	505				2	0.040	5145	2896								
EF2924	conserved hypothetical protein	500				3	0.003	8451	3532								
EF2959	transporter, putative	502				2	0.010	27895	16458								
EF2960	ribose ABC transporter protein	333								2	0.044	34872	19454				
EF2961	ribokinase	500				2	0.013	37729	26407	3	0.040	33416	17622				
EF2964	SgaT protein, putative	496				-2	0.000	26736	37884								
EF2965	conserved hypothetical protein	228				-3	0.004	24246	36387								
EF2966	PTS system component	504				-2	0.001	22659	31134								
EF2972	amidinotransferase family protein	498				4	0.003	19571	7766	3	0.017	15778	7804				
EF2973	alkaline phosphatase	501	3	0.004	6194	3345											
EF2974	MutS2 family protein	495	3	0.004	4019	2203				2	0.012	2257	1145	3	0.020	2023	1045
EF3003	hypothetical protein	475								2	0.034	6044	3231				
EF3005	choloylglycine hydrolase family protein	491				-2	0.038	4015	6824	-2	0.026	3291	5683				
EF3018	conserved domain protein	500				4	0.038	2011	1053								
EF3019	hypothetical protein	492	3	0.002	2573	1542											
EF3028	tRNA binding domain protein	496				2	0.013	13783	7537								
EF3066	polypeptide deformylase	494				2	0.034	4947	3012								
EF3091	YitT family protein	490	2	0.015	8271	4911											
EF3092	glyoxalase family protein	368	2	0.000	11167	6083											
EF3093	conserved hypothetical protein	445	3	0.027	13229	6688								3	0.043	2091	930
<b>EF3094</b>	<b>cell division protein FtsY</b>	499								2	0.004	10462	6198				
EF3109	peptide ABC transporter, P-binding protein	500	2	0.012	16865	10815											
EF3113	P-dependent DNA helicase RecG	499	4	0.009	7003	2835				2	0.024	6396	3156				
EF3121	protein phosphatase 2C	493												2	0.024	4632	2790
EF3122	Sun protein	502								2	0.025	5358	3149				
EF3134	2-dehydro-3-deoxyphosphogluconate aldolase/4-l	523								2	0.019	26379	15442	2	0.015	25301	14775
EF3135	mannonate dehydratase	499								2	0.021	23220	15034	2	0.006	19343	11109
EF3136	PTS system component	412												2	0.035	26991	16999
EF3165	maf protein	475								2	0.024	13680	7570				
EF3166	DNA mismatch repair protein MutL	496								2	0.008	15805	8192				
EF3167	DNA mismatch repair protein MutS	507								2	0.008	10428	5026	2	0.008	7409	4008
EF3168	conserved hypothetical protein	350								2	0.026	2060	1094	2	0.013	2380	1534
EF3173	conserved hypothetical protein	508												2	0.018	4163	2446
EF3196	response regulator	517								2	0.005	29350	17896				
EF3197	F domain protein	495								2	0.006	28318	16835				
EF3198	lipoprotein, YaeC family	492								3	0.019	9300	4418	2	0.025	3616	2083
EF3199	ABC transporter, permease protein	502												2	0.042	9085	4159
EF3200	ABC transporter, P-binding protein	505								2	0.013	18539	9529				
<b>EF3210</b>	<b>PTS system component</b>	352								7	0.001	8473	2116	3	0.027	3124	1227
<b>EF3211</b>	<b>PTS system component</b>	424								8	0.004	14467	3089	9	0.002	12295	2549
<b>EF3212</b>	<b>PTS system component</b>	496								6	0.001	18159	5022	5	0.009	9524	2378
<b>EF3213</b>	<b>PTS system component</b>	499								5	0.000	21235	6059	4	0.010	16792	5452
EF3214	sigma-54 dependent transcriptional regulator, pu	507								4	0.003	7627	2620				
EF3216	transcriptional regulator, putative	500								3	0.016	2504	1123				
EF3234	hypothetical protein	504												2	0.006	2902	1739
EF3236	leader peptidase PilD, putative	501								2	0.033	3383	1870				
EF3237	DNA-directed RNA polymerase, beta-prime subu	505								3	0.000	17726	7611				
EF3239	conserved hypothetical protein	145								2	0.014	2589	1563				
EF3245	cell-envelope associated acid phosphatase	501	2	0.018	3285	2306											
EF3256	lipoprotein, putative	495								-3	0.008	11665	21331				
EF3265	dihydropteroate synthase	501								2	0.041	10854	5721	3	0.017	10025	4043
EF3294	conserved hypothetical protein	499								3	0.006	2681	1160				
EF3296	conserved hypothetical protein TIGR00092	506								2	0.012	16685	9572				
EF3298	chromosome partitioning protein ParB, putative	501								2	0.037	8055	4599				
EF3305	PTS system component	293								-3	0.040	12976	30323				
EF3306	PTS system component	499								-3	0.032	12053	24237				
EF3307	PTS system component	428								-3	0.017	12511	23676				
EF3308	transcriptional activator	420								-2	0.016	17977	24944				
EF3309	transcriptional antiterminator, BglG family	497								-3	0.015	13952	24273				
EF3311	Glucose inhibited division protein A	500	2	0.004	16153	10797				2	0.001	3964	2115	3	0.007	2329	1265
EF3319	citrate lyase, alpha subunit	501								-2	0.043	14321	20503				
EF3327	citrate transporter	502												-4	0.048	1002	3282