

Locus tag	Chromosome	Start	Stop	Chain	RPKM	Protein name
BMEI0001	1	192	1217	+	173.9	uroporphyrinogen decarboxylase
BMEI0002	1	1286	1750	+	129.1	cytochrome functioning/assembly related protein
BMEI0003	1	2132	3397	+	121.2	transcription termination factor rho
BMEI0004	1	3482	3856	-	101.7	hypothetical cytosolic protein
BMEI0005	1	3984	5504	-	106.4	thymidylate kinase
BMEI0006	1	5526	6854	+	141.5	thiophene and furan oxidation protein thdf
BMEI0007	1	7015	8991	+	170.5	glucose inhibited division protein a
BMEI0008	1	8988	9629	+	169.3	glucose inhibited division protein b
BMEI0009	1	9643	10479	+	162.3	chromosome partitioning protein para
BMEI0010	1	10523	11404	+	162.4	chromosome partitioning protein parb
BMEI0011	1	11498	12541	-	49.8	DNA polymerase iii, delta subunit
BMEI0012	1	12703	13497	-	23.9	abc transporter ATP-binding protein
BMEI0013	1	13494	14378	-	16.3	abc transporter integral membrane protein
BMEI0014	1	14633	14818	+	44.8	hypothetical protein
BMEI0015	1	15022	15966	-	5.6	abc transporter substrate-binding protein
BMEI0016	1	16050	16259	+	41.3	hypothetical protein
BMEI0017	1	16256	17278	+	65.0	alkanal monooxygenase alpha chain
BMEI0018	1	17312	18481	-	67.0	hypothetical cytosolic protein
BMEI0019	1	18672	19790	+	57.5	laci-family transcription regulator
BMEI0020	1	19769	20770	+	69.4	glucose-fructose oxidoreductase precursor
BMEI0021	1	20776	22266	+	178.8	subunit
BMEI0022	1	22268	22639	+	197.8	3-hydroxybutyryl-CoA dehydratase
BMEI0023	1	22584	23045	+	193.2	3-hydroxybutyryl-CoA dehydratase
BMEI0024	1	23039	24559	+	184.6	l-sorbose dehydrogenase, nad(p) dependent
BMEI0025	1	24572	26056	+	108.3	l-sorbose dehydrogenase (fad)
BMEI0026	1	26053	26817	+	46.6	3-oxoacyl-(acyl-carrier protein) reductase
BMEI0027	1	26783	27148	+	53.4	l-sorbose dehydrogenase (fad)
BMEI0028	1	27042	28109	+	75.2	l-sorbose dehydrogenase (fad)
BMEI0029	1	28116	28463	+	60.1	l-sorbose dehydrogenase (fad)
BMEI0030	1	28520	28864	-	168.0	hypothetical cytosolic protein
BMEI0031	1	29014	29331	-	159.2	hypothetical cytosolic protein
BMEI0032	1	29555	30319	+	191.3	3-oxoacyl-(acyl-carrier protein) reductase
BMEI0033	1	30518	31351	-	165.6	n-acyl-l-amino acid amidohydrolase
BMEI0034	1	31406	31681	-	151.0	n-acyl-l-amino acid amidohydrolase
BMEI0035	1	31979	33091	+	161.1	d-alanyl-d-alanine carboxypeptidase
BMEI0036	1	33093	34259	+	179.6	cobw protein
BMEI0037	1	34277	34534	-	154.5	hypothetical transcriptional regulatory protein
BMEI0038	1	34513	35724	-	105.8	hypothetical protein
BMEI0039	1	35946	36899	-	85.3	acetyl-coenzyme a carboxylase carboxyl transferase subunit alpha
BMEI0040	1	37038	37967	-	60.9	integrase/recombinase xerd
BMEI0041	1	37967	38149	-	60.6	hypothetical protein
BMEI0042	1	38388	38897	+	144.1	shikimate kinase
BMEI0043	1	38990	40126	+	142.7	3-dehydroquinate synthase
BMEI0044	1	40190	41497	+	156.6	cbs domain containing protein
BMEI0045	1	41522	41830	-	141.3	bola protein
BMEI0046	1	41829	42026	+	146.3	hypothetical protein
BMEI0047	1	42023	42652	+	145.3	molecular chaperones (dnaj family)
BMEI0048	1	42646	42843	+	141.3	hypothetical protein
BMEI0049	1	42897	43925	+	180.0	cobs protein
BMEI0050	1	44033	45934	+	177.6	cobt protein
BMEI0051	1	46200	47192	-	190.0	hypothetical protein
BMEI0052	1	47219	47968	-	198.0	hypothetical protein
BMEI0053	1	48375	50816	-	155.4	cation-transporting atpase pacs
BMEI0054	1	50893	51315	+	175.4	mercuric resistance operon regulatory protein
BMEI0055	1	51427	52149	-	171.4	hypothetical protein

BMEI0056	1	52604	52897	+	153.8	lsu ribosomal protein l28p
BMEI0057	1	52977	53648	+	176.4	hypothetical membrane spanning protein
BMEI0058	1	53789	57913	-	208.2	extracellular serine protease
BMEI0059	1	58718	58966	-	211.1	hypothetical protein
BMEI0060	1	59103	60305	+	203.3	hypothetical protein
BMEI0061	1	60314	60673	+	189.8	hypothetical protein
BMEI0062	1	61107	62186	+	194.2	hypothetical protein
BMEI0063	1	62656	63702	+	178.7	hypothetical membrane spanning protein
BMEI0064	1	63731	64030	-	155.2	hypothetical protein
BMEI0065	1	64091	64636	-	148.8	hypothetical cytosolic protein
BMEI0066	1	64844	65527	+	145.1	two component response regulator
BMEI0067	1	65562	66023	+	146.5	camp-dependent protein kinase regulatory subunit
BMEI0068	1	66029	66898	-	164.1	exodeoxyribonuclease iii
BMEI0069	1	66938	67540	-	179.3	precursor
BMEI0070	1	68014	68700	-	166.7	aquaporin
BMEI0071	1	69178	69450	+	132.5	hypothetical protein
BMEI0072	1	69759	70418	+	145.1	cell division ATP-binding protein ftse
BMEI0073	1	70411	71412	+	139.7	cell division protein ftsx
BMEI0074	1	71559	72311	+	190.2	hypothetical protein
BMEI0075	1	72370	73272	+	186.1	l-acyl-sn-glycerol-3-phosphate acyltransferase
BMEI0076	1	73425	73955	+	115.9	inorganic pyrophosphatase
BMEI0077	1	74749	75321	-	102.2	cation transport protein chac
BMEI0078	1	75521	76540	+	92.0	hypothetical protein
BMEI0079	1	76509	77474	-	162.8	dehydrogenase
BMEI0080	1	77479	78585	-	156.6	histidinol-phosphate aminotransferase
BMEI0081	1	78582	79508	-	198.4	methyltransferase
BMEI0082	1	79657	80193	+	171.7	hypoxanthine-guanine phosphoribosyltransferase
BMEI0083	1	80233	82635	-	46.3	hypothetical protein
BMEI0084	1	82965	84230	-	15.4	diaminopimelate decarboxylase
BMEI0085	1	84258	84530	-	41.4	hypothetical protein
BMEI0086	1	84551	85951	-	130.0	argininosuccinate lyase
BMEI0087	1	86266	86721	+	133.7	thiol:disulfide interchange protein tlpA
BMEI0088	1	86729	87214	-	148.2	emg2 protein
BMEI0089	1	87232	88092	-	165.0	ribonuclease bn
BMEI0090	1	88250	89092	+	174.8	short-chain dehydrogenase
BMEI0091	1	89191	89325	+	54.1	hypothetical protein
BMEI0092	1	89285	89956	+	37.6	hypothetical cytosolic protein
BMEI0093	1	90052	90783	-	24.5	exsd protein
BMEI0094	1	90725	91171	-	27.2	vacuolar ATP synthase 16 kd proteolipid subunit
BMEI0095	1	91171	91869	-	27.6	succinoglycan biosynthesis regulator
BMEI0096	1	92205	92951	+	49.3	electron transfer flavoprotein beta-subunit
BMEI0097	1	92987	94033	+	159.2	electron transfer flavoprotein alpha-subunit
BMEI0098	1	94144	94365	+	134.0	hypothetical protein
BMEI0099	1	94517	95392	+	160.8	3-hydroxybutyryl-CoA dehydrogenase
BMEI0100	1	95552	95800	+	161.4	hypothetical protein
BMEI0101	1	95882	96892	-	116.5	cysteine synthase a
BMEI0102	1	97112	97561	+	126.6	universal stress protein family
BMEI0103	1	97741	99024	+	133.8	cystathionine gamma-synthase
BMEI0104	1	99710	101077	-	186.3	glucarate transporter
BMEI0105	1	101072	102040	+	146.8	l-asparaginase ii
BMEI0106	1	102110	102793	+	113.9	transcriptional regulator, gntr family
BMEI0107	1	102930	103928	-	113.7	l-asparaginase
BMEI0108	1	103937	104692	-	123.9	asparagine transport ATP-binding protein
BMEI0109	1	104676	106127	-	49.5	aspartate ammonia-lyase
BMEI0110	1	106136	107149	-	55.3	agmatinase
BMEI0111	1	107170	107985	-	59.8	asparagine transport ATP-binding protein
BMEI0112	1	107982	108704	-	86.5	asparagine transport system permease protein

BMEI0113	1	108709	109443	-	57.8	asparagine transport system permease protein
BMEI0114	1	109493	109927	-	39.6	asparagine-binding periplasmic protein precursor
BMEI0115	1	110033	110266	-	39.2	asparagine-binding periplasmic protein precursor
BMEI0116	1	110662	111588	+	0.5	transcriptional regulatory protein, lysr family
BMEI0117	1	111736	111936	+	41.6	hypothetical protein
BMEI0118	1	112771	114405	-	159.8	integral membrane protein
BMEI0119	1	114574	115566	-	167.3	hypothetical protein
BMEI0120	1	115712	115903	+	176.3	hypothetical protein
BMEI0121	1	116637	119357	-	147.7	protein translocase, subunit seca
BMEI0122	1	119329	119568	+	37.5	hypothetical protein
BMEI0123	1	119696	120691	+	4.6	peptidyl-prolyl cis-trans isomerase glutamate n-acetyltransferase / amino-acid
BMEI0124	1	121129	122370	+	11.0	acetyltransferase
BMEI0125	1	122461	123219	+	3.2	acetyltransferase mutator mutt protein (7,8-dihydro-8-oxoguanine- triphosphatase) (8-oxo-dgtpase)
BMEI0126	1	123216	123632	+	20.5	triphosphatase) (8-oxo-dgtpase)
BMEI0127	1	123825	124049	+	38.3	hypothetical protein
BMEI0128	1	124114	124566	-	18.1	hypothetical protein
BMEI0129	1	124652	125425	-	2.7	hydroxyacylglutathione hydrolase
BMEI0130	1	125458	126120	-	7.1	intracellular septation protein
BMEI0131	1	126120	127064	-	3.1	signal recognition particle receptor ftsy
BMEI0132	1	127539	128882	-	187.8	fe-s oxidoreductase
BMEI0133	1	128822	129733	-	203.4	diaminopimelate epimerase
BMEI0134	1	129764	129967	+	144.9	hypothetical protein
BMEI0135	1	130096	130629	+	165.7	outer membrane lipoprotein
BMEI0136	1	130701	131912	+	168.4	putative atpase n2b
BMEI0137	1	132351	133313	+	166.4	malate dehydrogenase
BMEI0138	1	133420	134616	+	154.9	succinyl-CoA synthetase beta chain
BMEI0139	1	134620	135522	+	146.6	succinyl-CoA synthetase alpha chain
BMEI0140	1	135798	138812	+	171.8	2-oxoglutarate dehydrogenase e1 component dihydroliipoamide succinyltransferase component (e2) of 2-oxoglutarate dehydrogenase complex
BMEI0141	1	138874	140100	+	212.2	(e2) of 2-oxoglutarate dehydrogenase complex
BMEI0142	1	140110	140523	+	214.0	hypothetical membrane spanning protein
BMEI0143	1	140565	141203	+	192.7	threonine efflux protein
BMEI0144	1	141274	141816	+	114.5	hypothetical exported protein
BMEI0145	1	141985	143388	+	72.7	dihydroliipoamide dehydrogenase
BMEI0146	1	143592	144452	-	69.8	hypothetical exported protein
BMEI0147	1	144647	145594	-	134.6	integrase
BMEI0148	1	145818	146387	+	144.9	16S ribosomal RNA processing protein rimm
BMEI0149	1	146393	147118	+	156.1	tRNA (guanine-n1) -methyltransferase
BMEI0150	1	147253	147984	-	135.5	transcriptional regulator, arsr family
BMEI0151	1	147989	148312	+	110.8	hypothetical protein
BMEI0152	1	148309	148671	+	93.4	hypothetical cytosolic protein
BMEI0153	1	148640	149074	+	82.2	hypothetical protein
BMEI0154	1	149071	149307	+	90.6	hypothetical membrane spanning protein
BMEI0155	1	149460	150689	-	86.6	putative allantoin permease
BMEI0156	1	151213	151650	+	160.4	lsu ribosomal protein l19p
BMEI0157	1	151861	153270	+	159.0	3-isopropylmalate dehydratase large subunit
BMEI0158	1	153527	153985	+	169.7	acetyltransferase
BMEI0159	1	154330	154728	+	189.9	subunit succinate dehydrogenase hydrophobic membrane anchor protein
BMEI0160	1	154751	155137	+	180.4	anchor protein
BMEI0161	1	155094	156986	+	93.4	succinate dehydrogenase flavoprotein subunit
BMEI0162	1	157002	157781	+	10.1	succinate dehydrogenase iron-sulfur protein
BMEI0163	1	157750	158151	-	21.6	hypothetical protein
BMEI0164	1	158117	158521	+	21.3	probable lactoylglutathione lyase

BMEI0165	1	158607	159896	-	4.4	2-octaprenyl-3-methyl-6-methoxy-1,4-benzoquinol hydroxylase
BMEI0166	1	160071	160973	+	1.8	acyl-CoA thioesterase ii
BMEI0167	1	161196	162497	+	12.3	ammonium transporter
BMEI0168	1	162767	165160	+	154.0	cell division protein ftsk transcriptional regulator, gntR family /
BMEI0169	1	165222	166676	-	182.8	aminotransferase class-i
BMEI0170	1	166783	167688	+	180.5	transporter, dme family
BMEI0171	1	167734	168390	-	122.9	ribosomal protein l11 methyltransferase
BMEI0172	1	168390	168818	-	139.0	hypothetical protein
BMEI0173	1	168831	169121	-	136.9	hypothetical cytosolic protein
BMEI0174	1	169123	170103	-	127.4	glycerol-3-phosphate dehydrogenase (nad(p)+)
BMEI0175	1	170100	171179	-	135.0	o-sialoglycoprotein endopeptidase
BMEI0176	1	171214	172242	+	153.9	porphobilinogen deaminase
BMEI0177	1	172266	172973	+	106.2	uroporphyrinogen-iii synthase
BMEI0178	1	173899	174432	+	97.4	hypothetical protein
BMEI0179	1	174439	176016	+	179.6	hypothetical protein
BMEI0180	1	176432	176911	+	164.9	hypothetical cytosolic protein
BMEI0181	1	176937	178175	-	161.7	macrolide-efflux protein
BMEI0182	1	178314	179207	-	133.7	biotin synthesis protein bioc
BMEI0183	1	179390	180178	+	124.1	competence protein f
BMEI0184	1	180250	180528	+	130.1	glutaredoxin
BMEI0185	1	180539	181393	+	124.6	beta-ureidopropionase
BMEI0186	1	181399	181824	+	122.5	hypothetical cytosolic protein
BMEI0187	1	181852	182745	+	133.8	transporter, dme family hexaprenyldihydroxybenzoate methyltransferase precursor
BMEI0188	1	182751	183497	-	157.5	
BMEI0189	1	183715	184986	+	174.3	aspartokinase phosphoenolpyruvate-protein phosphotransferase
BMEI0190	1	185314	187584	+	91.1	ptsp
BMEI0191	1	187781	188860	+	146.2	bacterial peptide chain release factor 1 (rf-1)
BMEI0192	1	188857	189744	+	192.8	methyltransferase
BMEI0193	1	189936	190208	+	194.5	hypothetical protein
BMEI0194	1	190189	190947	+	174.3	hypothetical cytosolic protein ATP-dependent clp protease, ATP-binding subunit
BMEI0195	1	190975	193770	+	31.4	clpb
BMEI0196	1	194810	195670	+	163.3	protein erk/srfk
BMEI0198	1	204832	205506	+	199.9	lysostaphin
BMEI0199	1	205682	207121	+	182.9	hypothetical protein
BMEI0200	1	207366	208187	-	132.5	hypothetical protein
BMEI0201	1	208762	209190	+	161.5	transposase
BMEI0202	1	209284	209487	+	153.1	lsu ribosomal protein l21p
BMEI0203	1	209704	210048	+	183.6	lsu ribosomal protein l27p
BMEI0204	1	210311	210868	+	159.9	acetyltransferase
BMEI0205	1	211391	211858	+	174.9	acetyltransferase
BMEI0206	1	212114	213139	+	169.1	immunoglobulin-binding protein eibe
BMEI0207	1	213167	214303	+	17.5	gtp-binding protein
BMEI0208	1	214316	215596	+	16.8	glutamate 5-kinase
BMEI0209	1	215596	216270	+	25.9	gamma-glutamyl phosphate reductase (gpr) nicotinate-nucleotide adenyltransferase /
BMEI0210	1	216334	216804	+	28.6	nicotinamide-nucleotide adenyltransferase
BMEI0211	1	216823	217347	+	29.2	iojap protein family
BMEI0212	1	217465	218364	+	43.6	hypothetical cytosolic protein
BMEI0213	1	218477	219826	+	141.6	hypothetical protein
BMEI0214	1	219816	221144	+	185.8	metalloendopeptidases
BMEI0215	1	221343	221879	+	88.3	tail-specific protease
BMEI0216	1	221995	222249	+	83.9	(di)nucleoside polyphosphate hydrolase

BMEI0217	1	222317	222961	+	74.0	hypothetical protein
BMEI0218	1	223277	224203	-	93.1	hypothetical protein
BMEI0219	1	224310	225806	+	153.9	transcriptional regulatory protein, lysr family malonate-semialdehyde dehydrogenase (acylating) / methylmalonate-semialdehyde dehydrogenase (acylating)
BMEI0220	1	226020	226367	+	163.5	hypothetical protein
BMEI0221	1	226369	227265	+	153.3	pyridoxine kinase
BMEI0222	1	227439	228080	+	161.2	carbonic anhydrase
BMEI0223	1	228144	228911	-	142.5	membrane-bound lytic murein transglycosylase b
BMEI0224	1	228911	229282	-	104.2	hypothetical protein
BMEI0225	1	229406	230977	+	89.8	signal recognition particle, subunit ffh/srp54
BMEI0226	1	230983	231264	+	92.8	chorismate mutase
BMEI0227	1	231365	231769	+	87.9	ssu ribosomal protein s16p
BMEI0228	1	232039	232662	+	133.8	lema protein
BMEI0229	1	232749	233510	+	172.1	hypothetical membrane spanning protein
BMEI0230	1	233523	234164	+	141.5	hypothetical protein
BMEI0231	1	234429	239231	+	127.8	hypothetical protein
BMEI0232	1	239373	240818	+	100.7	nad-specific glutamate dehydrogenase
BMEI0233	1	240868	242484	-	45.5	transporter phosphoribosylaminoimidazolecarboxamide formyltransferase / imp cyclohydrolase
BMEI0234	1	242591	244306	-	19.3	hypothetical cytosolic protein
BMEI0235	1	244454	245728	-	8.5	16S rRNA m(5)c 967 methyltransferase
BMEI0236	1	245867	246880	-	78.5	protease htpx
BMEI0237	1	246976	247194	+	134.8	hypothetical cytosolic protein
BMEI0238	1	247350	249305	-	158.8	acetyl-coenzyme a synthetase
BMEI0239	1	249661	249933	+	150.1	usg protein
BMEI0240	1	250004	250534	+	169.0	fusaric acid resistance protein fusb / fusaric acid resistance protein fusc
BMEI0241	1	250547	251227	-	162.1	phosphate regulon sensor protein phor
BMEI0242	1	251350	253983	+	167.1	leucyl-tRNA synthetase
BMEI0243	1	254129	254551	+	142.4	hypothetical protein
BMEI0244	1	254694	255347	-	185.9	transaldolase
BMEI0245	1	255457	256461	+	102.2	primosomal protein n'
BMEI0246	1	256304	257692	+	43.3	primosomal protein n'
BMEI0247	1	257816	258172	+	32.7	hypothetical protein
BMEI0248	1	258454	259014	+	19.6	ATP synthase delta chain
BMEI0249	1	259014	260543	+	36.0	ATP synthase alpha chain
BMEI0250	1	260565	261443	+	158.9	ATP synthase gamma chain
BMEI0251	1	261571	263136	+	158.8	ATP synthase beta chain
BMEI0252	1	263261	263668	+	162.1	ATP synthase epsilon chain
BMEI0253	1	264038	264448	+	176.3	transcriptional regulator, marr family
BMEI0254	1	264521	265216	-	85.2	transcriptional regulator, gntr family
BMEI0255	1	265272	265511	-	101.0	hypothetical protein
BMEI0256	1	265496	266758	+	68.4	d-amino acid dehydrogenase small subunit
BMEI0257	1	266764	267765	+	77.7	proline racemase
BMEI0258	1	268044	268967	+	184.3	high-affinity branched-chain amino acid transport system permease protein livh
BMEI0259	1	268970	270349	+	184.9	high-affinity branched-chain amino acid transport system permease protein livm
BMEI0260	1	270349	271689	+	137.5	high-affinity branched-chain amino acid transport ATP-binding protein braf
BMEI0261	1	271686	272435	+	120.0	high-affinity branched-chain amino acid transport ATP-binding protein brag
BMEI0262	1	272445	272789	+	117.0	hypothetical protein
BMEI0263	1	272926	274056	+	195.8	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEI0264	1	274560	275135	+	97.4	

BMEI0265	1	275136	275792	+	108.2	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEI0266	1	276058	279534	+	95.2	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEI0267	1	279596	280789	+	130.1	pyruvate carboxylase
BMEI0268	1	280807	281622	-	135.8	membrane protein mosc
BMEI0269	1	281715	283028	+	157.4	d-beta-hydroxybutyrate dehydrogenase
BMEI0270	1	283036	283950	-	142.6	gcpe protein
BMEI0271	1	284236	284871	+	170.9	geranyltranstransferase
BMEI0272	1	285032	285211	+	61.1	monofunctional biosynthetic peptidoglycan transglycosylase
BMEI0273	1	285343	285774	-	103.7	lsu ribosomal protein l32p
BMEI0274	1	285920	287434	+	109.8	glcg protein
BMEI0275	1	287527	290613	+	147.1	acetyl-CoA acetyltransferase
BMEI0276	1	289290	289424	-	111.6	ATP-dependent DNA helicase
BMEI0277	1	290649	291050	+	130.4	heat shock protein 15
BMEI0278	1	291414	291752	+	124.4	ferredoxin ii
BMEI0279	1	292222	292845	+	158.1	transcriptional regulator
BMEI0280	1	293166	294125	+	164.1	RNA polymerase sigma-32 factor
BMEI0281	1	294213	294941	-	177.5	hypothetical cytosolic protein
BMEI0282	1	294968	296395	-	175.6	zinc metalloprotease
BMEI0283	1	296716	297504	-	35.7	thiamine transport ATP-binding protein thiq
BMEI0284	1	297438	299003	-	5.5	thiamine transport system permease protein thip
BMEI0285	1	299066	300073	-	14.3	thiamine-binding periplasmic protein precursor
BMEI0286	1	300377	301033	+	27.7	thiamin pyrophosphokinase
BMEI0287	1	301185	301451	+	138.5	hypothetical protein
BMEI0288	1	301587	303416	+	160.8	abc transporter ATP-binding protein uup
BMEI0289	1	303508	303786	-	52.4	hypothetical cytosolic protein
BMEI0290	1	303941	304759	-	65.7	hypothetical cytosolic protein
BMEI0291	1	305024	305461	+	71.8	hypothetical protein
BMEI0292	1	305458	306894	+	72.3	pyruvate kinase
BMEI0293	1	307146	307817	-	155.0	2-hydroxy-6-oxo-2,4-heptadienoate hydrolase
BMEI0294	1	307873	308067	-	154.2	lsu ribosomal protein l36p
BMEI0295	1	308234	309322	-	144.6	phosphoribosylaminoimidazole carboxylase atpase subunit
BMEI0296	1	309339	309881	-	166.2	phosphoribosylaminoimidazole carboxylase catalytic subunit
BMEI0297	1	309925	310170	-	164.4	hypothetical cytosolic protein
BMEI0298	1	310302	310463	+	57.5	hypothetical protein
BMEI0299	1	310522	310701	+	65.0	hypothetical protein
BMEI0300	1	310844	312082	-	67.5	transporter, mfs superfamily
BMEI0301	1	312180	312371	-	56.5	hypothetical protein
BMEI0302	1	312558	313568	+	56.1	quinone oxidoreductase
BMEI0303	1	313696	314385	+	52.9	hypothetical cytosolic protein
BMEI0304	1	314463	314870	-	60.1	hypothetical cytosolic protein
BMEI0305	1	315343	315975	-	139.7	transcriptional regulator, deor family
BMEI0306	1	315982	316206	-	159.0	hypothetical protein
BMEI0307	1	316551	318542	-	151.5	propionate-CoA ligase
BMEI0308	1	318693	318899	+	142.6	hypothetical protein
BMEI0309	1	319190	320404	-	138.1	phosphoglycerate kinase
BMEI0310	1	320448	321455	-	148.9	glyceraldehyde 3-phosphate dehydrogenase
BMEI0311	1	321596	323719	-	65.4	transketolase
BMEI0312	1	324127	324276	+	73.0	hypothetical cytosolic protein
BMEI0313	1	324286	324651	+	56.9	hypothetical cytosolic protein
BMEI0314	1	324785	325015	+	127.4	hypothetical protein
BMEI0315	1	325090	325635	+	138.8	5-formyltetrahydrofolate cyclo-ligase
BMEI0316	1	325744	326568	+	141.2	hypothetical protein

BMEI0317	1	326671	327522	+	164.8	integral membrane protein
BMEI0318	1	327535	327963	-	162.7	2fe-2S ferredoxins, iron-sulfur binding protein
BMEI0319	1	327974	328549	-	178.7	bioy protein
BMEI0320	1	328711	329403	-	165.7	transcriptional regulator, gntr family
BMEI0321	1	329624	330370	+	34.5	hypothetical cytosolic protein
BMEI0322	1	330598	330819	-	46.4	lsu ribosomal protein l31p
BMEI0323	1	330994	332934	+	18.1	probable transport ATP-binding protein msba
BMEI0324	1	332968	333999	-	12.9	chemotaxis motb protein
BMEI0325	1	334006	335046	-	128.0	mota/tolq/exbb proton channel family
BMEI0326	1	335310	336101	-	135.5	myo-inositol-1(or 4)-monophosphatase
BMEI0327	1	336287	336847	-	168.2	protein translation elongation factor p (ef-p)
BMEI0328	1	337112	338008	-	179.0	tetratricopeptide repeat family protein
BMEI0329	1	338201	338866	-	187.7	thiamin-phosphate pyrophosphorylase
BMEI0330	1	339090	340292	+	189.2	opgc
BMEI0331	1	340759	341286	+	14.7	hypothetical protein
BMEI0332	1	341388	341909	+	14.0	crossover junction endodeoxyribonuclease ruvc
BMEI0333	1	341914	342531	+	16.8	holliday junction DNA helicase ruva
BMEI0334	1	342572	343612	+	10.5	holliday junction DNA helicase ruvb
BMEI0335	1	343609	344058	+	18.3	site
BMEI0336	1	344433	345143	+	6.1	tolq protein
BMEI0337	1	345190	345642	+	19.1	biopolymer transport exbd protein
BMEI0338	1	346178	346720	+	63.7	hypothetical protein
BMEI0339	1	346776	348107	+	125.3	tolb protein
BMEI0340	1	348395	348901	+	125.7	peptidoglycan-associated lipoprotein
BMEI0341	1	350180	350764	+	148.0	tpr repeat containing exported protein
BMEI0342	1	350837	352126	+	169.2	cell cycle protein mesj
BMEI0343	1	352241	354196	+	165.8	cell division protein ftsh
BMEI0344	1	354429	355856	+	117.9	phosphoglucosamine mutase / phosphoacetylglucosamine mutase / phosphomannomutase
BMEI0345	1	356041	356865	+	103.6	heat resistant agglutinin 1 precursor
BMEI0346	1	357046	358002	+	96.6	sodium/bile acid cotransporter homolog, sbf family
BMEI0347	1	358153	359328	+	97.1	phosphoserine aminotransferase
BMEI0348	1	359283	359471	+	76.9	hypothetical protein
BMEI0349	1	359468	361084	+	91.8	d-3-phosphoglycerate dehydrogenase
BMEI0350	1	361101	361598	+	80.9	acetyltransferase
BMEI0351	1	361643	363205	+	128.3	adenylosuccinate synthetase
BMEI0352	1	364382	364915	+	170.0	hypothetical transcription regulator
BMEI0353	1	365125	366636	-	145.4	proline/betaine transporter
BMEI0354	1	366840	367655	+	61.8	hypothetical membrane spanning protein
BMEI0355	1	367682	368515	-	63.2	glutamine amidotransferases class-ii
BMEI0356	1	368586	368801	-	55.9	protein j
BMEI0357	1	368911	369417	+	61.2	transcriptional regulatory protein, asnc family
BMEI0358	1	369590	370114	+	164.5	deoxyuridine 5'-triphosphate nucleotidohydrolase
BMEI0359	1	370349	371575	+	173.1	macrolide-specific efflux protein maca
BMEI0360	1	371575	372720	+	150.9	abc transporter ATP-binding protein / abc transporter permease protein abc transporter ATP-binding protein / abc
BMEI0361	1	372729	373529	+	164.1	transporter permease protein
BMEI0362	1	373548	374318	+	158.0	hypothetical protein
BMEI0363	1	374361	374708	-	127.8	tonb protein
BMEI0364	1	375179	375703	-	137.7	biopolymer transport exbd protein
BMEI0365	1	375709	376581	-	185.0	biopolymer transport exbb protein
BMEI0366	1	377414	377881	+	147.1	hypothetical protein
BMEI0367	1	377917	378255	+	137.5	hypothetical protein
BMEI0368	1	378420	378773	+	150.6	hypothetical protein
BMEI0369	1	378782	379213	+	134.6	hypothetical protein

BMEI0370	1	379274	380068	-	126.4	sensory transduction histidine kinase
BMEI0371	1	380916	381488	-	133.7	regulatory factor virf homolog
BMEI0372	1	381933	382727	+	132.8	sensory transduction regulatory protein
BMEI0373	1	382889	383041	+	130.7	hypothetical protein
BMEI0374	1	383237	384244	+	138.9	sensory transduction histidine kinase
BMEI0375	1	384480	384920	-	196.5	ferric uptake regulation protein
BMEI0376	1	385284	385760	-	152.5	hypothetical protein
BMEI0377	1	385777	386820	+	153.1	ribosomal large subunit pseudouridine synthase d
BMEI0378	1	387251	388162	+	24.9	RNA polymerase sigma-32 factor
BMEI0379	1	388221	388715	-	23.2	phosphinothricin n-acetyltransferase
BMEI0380	1	389021	391207	-	83.4	malate synthase g
BMEI0381	1	391350	392225	-	160.7	glutamyl-tRNA synthetase
BMEI0382	1	392271	392945	+	108.4	DNA-3-methyladenine glycosidase
BMEI0383	1	393219	393791	+	123.4	5-methylcytosine-specific restriction enzyme a
BMEI0384	1	393808	394326	-	121.6	disulfide bond formation protein b
BMEI0385	1	394439	395029	-	122.8	phosphatase
BMEI0386	1	395134	396597	-	164.9	succinate-semialdehyde dehydrogenase (nadp+)
BMEI0387	1	396715	397536	+	178.1	transcriptional regulator, iclr family
BMEI0388	1	404235	405755	-	191.1	choline dehydrogenase
BMEI0389	1	405880	406104	+	204.9	hypothetical protein
BMEI0390	1	406254	406517	-	133.7	hypothetical cytosolic protein
BMEI0391	1	406815	408344	+	166.1	sugar transport ATP-binding protein
BMEI0392	1	408440	409444	+	164.2	ribose transport system permease protein rbsc
BMEI0393	1	409632	410609	+	165.7	d-ribose-binding periplasmic protein precursor
BMEI0394	1	410698	411174	+	138.6	2-deoxy-d-gluconate 3-dehydrogenase
BMEI0395	1	411107	411475	+	142.9	2-deoxy-d-gluconate 3-dehydrogenase
BMEI0396	1	411472	412500	+	140.0	dihydroxyacetone kinase
BMEI0397	1	412497	413153	+	180.8	dihydroxyacetone kinase deoxyribonucleoside regulator / dihydroxyacetone
BMEI0398	1	413312	415396	+	184.3	kinase
BMEI0399	1	415414	416109	+	160.5	dihydroxyacetone kinase
BMEI0400	1	416386	416628	-	164.8	hypothetical protein
BMEI0401	1	417340	418770	+	164.8	hypothetical protein
BMEI0402	1	418899	419504	-	169.2	precursor
BMEI0403	1	419731	420345	-	178.8	multiple antibiotic resistance protein marc
BMEI0404	1	420361	422004	-	191.5	hypothetical protein
BMEI0405	1	422128	422922	-	71.0	7-alpha-hydroxysteroid dehydrogenase
BMEI0406	1	422988	423755	-	72.0	7-alpha-hydroxysteroid dehydrogenase
BMEI0407	1	424223	424459	+	45.5	hypothetical protein
BMEI0408	1	424718	424903	-	46.8	hypothetical protein
BMEI0409	1	424989	426278	-	89.6	isocitrate lyase
BMEI0410	1	426671	427939	+	72.3	transcriptional regulator, merr family
BMEI0411	1	428161	429264	+	65.1	putrescine-binding periplasmic protein
BMEI0412	1	429506	430651	+	71.8	putrescine transport ATP-binding protein potg
BMEI0413	1	430667	431578	+	86.0	putrescine transport system permease protein poth
BMEI0414	1	431580	432401	+	156.6	putrescine transport system permease protein poti
BMEI0415	1	432409	434265	-	157.8	hypothetical protein
BMEI0416	1	434490	434735	+	163.1	hypothetical protein
BMEI0417	1	435087	437528	-	96.4	non-motile and phage-resistance protein
BMEI0418	1	438915	439721	+	182.8	lipooligosaccharide biosynthesis protein lic2b
BMEI0419	1	439897	440151	-	179.3	hypothetical protein
BMEI0420	1	440511	441509	+	67.3	oxidoreductase
BMEI0421	1	441642	442793	+	55.7	pleiotropic regulatory protein
BMEI0422	1	442877	443269	-	38.6	hypothetical protein
BMEI0423	1	443801	444499	+	63.3	response regulator ctra
BMEI0424	1	444612	445235	-	138.5	hypothetical protein
BMEI0425	1	445653	446249	+	157.3	hypothetical protein

BMEI0426	1	447326	447754	-	144.7	acetyltransferase
BMEI0427	1	447957	448232	-	131.8	hypothetical protein
BMEI0428	1	448537	449733	+	175.2	tRNA (5-methylaminomethyl-2-thiouridylate) - methyltransferase
BMEI0429	1	449955	450785	-	156.3	23S ribosomal RNA methyltransferase
BMEI0430	1	450815	451162	-	178.1	nodulation protein nolr
BMEI0431	1	451152	451379	+	175.5	hypothetical protein
BMEI0432	1	451620	451868	-	177.8	hypothetical protein
BMEI0433	1	452103	453161	+	162.7	periplasmic dipeptide transport protein precursor
BMEI0434	1	453180	453740	+	198.4	periplasmic dipeptide transport protein precursor
BMEI0435	1	453926	454969	+	183.5	dipeptide transport system permease protein dppb
BMEI0436	1	454977	455885	+	77.1	dipeptide transport system permease protein dppc
BMEI0437	1	455882	456739	+	68.6	dipeptide transport ATP-binding protein dppd
BMEI0438	1	456736	457584	+	69.1	dipeptide transport ATP-binding protein dppf
BMEI0439	1	457858	458904	-	152.3	glycine betaine/l-proline transport ATP-binding protein prov
BMEI0440	1	459074	459910	-	188.2	glycine betaine/l-proline transport system permease protein prow
BMEI0441	1	459999	460979	-	187.4	glycine betaine/l-proline-binding protein prox
BMEI0442	1	461170	461406	+	173.6	hypothetical protein
BMEI0443	1	461553	462599	+	154.9	hypothetical protein
BMEI0444	1	462605	463570	+	153.4	methyltransferase
BMEI0445	1	463565	464731	-	142.0	oxalate/formate antiporter
BMEI0446	1	464953	465177	-	165.3	transcriptional regulator, marr family
BMEI0447	1	465504	465968	-	172.0	leucine-responsive regulatory protein
BMEI0448	1	466457	466645	-	177.1	hypothetical protein
BMEI0449	1	466644	468839	+	151.1	anthranilate synthase
BMEI0450	1	469308	470216	+	169.3	cobalt-zinc-cadmium resistance protein czcd
BMEI0451	1	470581	472248	+	203.6	2-isopropylmalate synthase
BMEI0452	1	472449	473360	-	119.0	putative phosphohydrolases, icc family
BMEI0453	1	473460	473915	+	26.6	mutt/nudix family protein
BMEI0454	1	473944	474603	-	40.9	outer membrane protein w precursor
BMEI0455	1	474775	475758	-	31.5	putative transferase
BMEI0456	1	476050	476568	+	31.7	acetyltransferase
BMEI0457	1	476448	478571	-	147.8	hypothetical membrane associated protein
BMEI0458	1	478770	481571	-	99.3	hypothetical membrane spanning protein
BMEI0459	1	481616	482545	-	117.2	hypothetical protein
BMEI0460	1	482548	483555	-	167.8	moxr protein
BMEI0461	1	483675	484340	+	175.0	hypothetical protein
BMEI0462	1	484337	484960	+	163.3	phosphohydrolase (mutt/nudix family protein)
BMEI0463	1	484957	486228	+	135.2	poly(a) polymerase / tRNA nucleotidyltransferase
BMEI0464	1	486419	486940	+	149.8	lipid a-myristate beta-hydroxylase
BMEI0465	1	486886	487173	+	144.5	aspartyl/asparaginyl beta-hydroxylase
BMEI0466	1	487246	487755	+	152.2	acetyltransferase
BMEI0467	1	487789	488811	-	169.7	coproporphyrinogen iii oxidase, aerobic
BMEI0468	1	488994	489254	+	154.2	hypothetical cytosolic protein
BMEI0469	1	489366	490403	-	142.2	purine nucleoside permease
BMEI0470	1	490513	491028	-	48.0	ribosomal RNA methyltransferase
BMEI0471	1	491125	493005	+	59.4	abc transporter ATP-binding protein
BMEI0472	1	493159	495027	+	131.7	abc transporter ATP-binding protein
BMEI0473	1	495261	495842	+	171.7	subunit
BMEI0474	1	495864	497162	+	190.7	cytochrome b
BMEI0475	1	497257	498063	+	179.2	cytochrome c1
BMEI0476	1	498371	498931	+	150.4	adenine phosphoribosyltransferase
BMEI0477	1	498973	499455	-	147.3	monoamine oxidase regulatory protein, putative
BMEI0478	1	499452	499952	-	134.9	(r)-specific enoyl-CoA hydratase
BMEI0479	1	500014	501117	-	104.5	gtp-binding protein

BMEI0480	1	501205	501957	-	103.4	peptidyl-tRNA hydrolase
BMEI0481	1	501986	502609	-	101.3	lsu ribosomal protein l25p
BMEI0482	1	503419	504843	+	145.5	hypothetical ATP-binding protein
BMEI0483	1	504991	505977	-	132.4	ribose-phosphate pyrophosphokinase
BMEI0484	1	506262	506774	-	143.4	hypothetical protein
BMEI0485	1	506870	508021	-	141.4	xaa-pro dipeptidase
BMEI0486	1	508134	508931	-	189.7	hypothetical cytosolic protein ATP synthase beta subunit/transcription termination factor rho
BMEI0487	1	509165	510370	-	126.4	factor rho
BMEI0488	1	510255	511100	-	160.5	prolipoprotein diacylglyceryl transferase
BMEI0489	1	511264	511605	+	100.0	hypothetical protein
BMEI0490	1	511974	512534	+	105.8	hypothetical cytosolic protein
BMEI0491	1	512674	513021	+	112.5	protein secretion chaperonin csaa
BMEI0492	1	513453	514796	-	155.5	osmolarity sensor protein envz
BMEI0493	1	514940	515665	-	136.5	transcriptional regulatory protein ompr
BMEI0494	1	515747	516286	-	149.0	transcriptional regulatory protein petp
BMEI0495	1	516799	517089	+	148.9	hypothetical protein
BMEI0496	1	517303	517959	+	201.8	hydroxyacylglutathione hydrolase
BMEI0497	1	518018	518521	-	165.1	hypothetical membrane spanning protein
BMEI0498	1	518938	519189	-	36.1	cold shock protein cspa
BMEI0499	1	519562	519831	-	33.0	soluble lytic murein transglycosylase
BMEI0500	1	519648	520385	-	5.0	soluble lytic murein transglycosylase
BMEI0501	1	520583	523312	-	130.1	excinuclease abc subunit b
BMEI0502	1	523356	524111	-	194.7	hypothetical membrane spanning protein
BMEI0503	1	524324	524722	+	167.3	acyl-CoA hydrolase
BMEI0504	1	524855	525502	-	158.7	extensin-like protein
BMEI0505	1	526071	526394	+	138.2	hypothetical membrane associated protein
BMEI0506	1	526399	527313	-	148.1	transporter, dme family
BMEI0507	1	527466	528521	+	132.8	hypothetical protein
BMEI0508	1	528790	529263	+	126.4	transcription elongation factor grea lipopolysaccharide core biosynthesis mannosyltransferase lpcc
BMEI0509	1	529270	530334	+	129.7	mannosyltransferase lpcc
BMEI0510	1	530341	530811	-	162.3	leucine-responsive regulatory protein
BMEI0511	1	531069	532469	-	160.7	trk system potassium uptake protein trkh
BMEI0512	1	532791	533765	+	175.8	thioredoxin reductase
BMEI0513	1	533836	534741	+	160.4	transcriptional regulatory protein, lysr family
BMEI0514	1	534793	534972	-	178.6	hypothetical protein
BMEI0515	1	534934	535149	+	171.8	hypothetical protein
BMEI0516	1	535210	536475	-	171.5	aspartate aminotransferase a
BMEI0517	1	536584	537273	+	170.3	glutathione s-transferase
BMEI0518	1	537402	537707	-	162.6	cold shock protein cspa
BMEI0519	1	537804	538196	-	179.7	phosphohydrolase (mutt/nudix family protein)
BMEI0520	1	538455	540320	+	156.7	abc transporter ATP-binding protein
BMEI0521	1	540378	540779	-	193.0	hypothetical protein
BMEI0522	1	541037	544525	-	167.9	carbamoyl-phosphate synthase large chain
BMEI0523	1	545020	545523	-	167.8	hypothetical protein
BMEI0524	1	545738	546163	+	153.3	hypothetical protein
BMEI0525	1	546280	547206	+	166.4	zinc protease
BMEI0526	1	547378	548601	-	91.7	carbamoyl-phosphate synthase small chain
BMEI0527	1	548924	549433	+	99.0	hypothetical cytosolic protein
BMEI0528	1	549500	550540	-	96.2	sodium-dependent phosphate transport protein
BMEI0529	1	550547	551155	-	106.6	sodium-dependent phosphate transport protein
BMEI0530	1	551468	553513	+	109.5	DNA primase
BMEI0531	1	553592	553822	-	139.0	hypothetical protein
BMEI0532	1	553985	556003	+	146.4	RNA polymerase sigma factor rpod
BMEI0533	1	556027	556317	+	191.7	hypothetical cytosolic protein
BMEI0534	1	556455	556967	+	152.9	hypothetical cytosolic protein

BMEI0535	1	557211	557555	+	92.0	hypothetical protein
BMEI0536	1	557729	558481	-	96.9	hypothetical protein
BMEI0537	1	558899	559249	-	93.9	integrase/recombinase
BMEI0538	1	559458	559817	-	152.2	hypothetical protein
BMEI0539	1	559812	560201	+	195.6	hypothetical protein
BMEI0540	1	560362	560715	-	155.5	hypothetical protein
BMEI0541	1	560863	561069	+	207.6	hypothetical protein
BMEI0542	1	561915	562718	-	164.9	hypothetical protein
BMEI0543	1	562994	564097	+	114.1	choloylglycine hydrolase
BMEI0544	1	564295	564561	-	102.2	hypothetical protein
BMEI0545	1	564908	565969	+	136.6	integral membrane protein
BMEI0546	1	565966	566721	-	197.2	pyrazinamidase / nicotinamidase
BMEI0547	1	566733	566954	+	144.5	phna protein
BMEI0548	1	566957	568093	-	150.1	flavohepotein
BMEI0549	1	568109	569356	-	158.0	benzoate 1,2-dioxygenase alpha subunit
BMEI0550	1	569793	570392	+	155.1	hypothetical protein
BMEI0551	1	570486	570956	-	150.3	hypothetical protein
BMEI0552	1	571189	572133	-	138.6	lysophospholipase l2
BMEI0553	1	572524	574278	+	121.9	abc transporter ATP-binding protein yjjk
BMEI0554	1	574452	575117	+	187.5	trans-aconitate methyltransferase
BMEI0555	1	575291	575545	-	163.8	hypothetical protein
BMEI0556	1	575505	576878	+	164.1	alpha-ketoglutarate permease
BMEI0557	1	576933	577256	-	119.2	hypothetical protein
BMEI0558	1	577385	578401	+	123.0	transcriptional regulator, arsr family
BMEI0559	1	578534	579358	+	151.4	5,10-methylenetetrahydrofolate reductase
BMEI0560	1	579793	580728	-	177.4	transporter
BMEI0561	1	580790	581986	-	167.9	membrane-bound lytic murein transglycosylase b
BMEI0562	1	582144	582977	-	155.4	lysozyme m1 precursor
BMEI0563	1	583332	583685	+	146.2	hypothetical protein
BMEI0564	1	583804	584514	+	112.7	dnaj-like protein djla
BMEI0565	1	584511	585317	+	120.2	anhydro-n-acetylmuramyl-tripeptide amidase
BMEI0566	1	585889	586302	+	115.8	soluble lytic murein transglycosylase
BMEI0567	1	586299	586811	-	115.8	hypothetical protein
BMEI0568	1	586487	586759	-	112.1	hypothetical protein
BMEI0569	1	587004	588374	-	166.2	manganese transport protein mnth
BMEI0570	1	588601	588870	-	211.5	hypothetical protein
BMEI0571	1	588848	589888	+	159.6	sam-dependent methyltransferase
BMEI0572	1	589893	590306	+	163.4	hypothetical protein
BMEI0573	1	590297	592120	+	159.0	penicillin-binding protein 2
BMEI0574	1	592148	593647	+	72.9	udp-n-acetylmuramoylalanyl-d-glutamate--2,6-diaminopimelate ligase
BMEI0575	1	593644	595089	+	122.3	udp-n-acetylmuramoylalanyl-d-glutamyl-2,6-diaminopimelate--d-alanyl-d-alanyl ligase
BMEI0576	1	595116	596198	+	179.2	transferase
BMEI0577	1	596211	597614	+	150.1	udp-n-acetylmuramoylalanine--d-glutamate ligase
BMEI0578	1	597614	598771	+	166.5	cell division protein ftsw
BMEI0579	1	598995	600137	+	164.2	udp-n-acetylglucosamine--n-acetylmuramyl-(pentapeptide) pyrophosphoryl-undecaprenol n-acetylglucosamine transferase
BMEI0580	1	600134	601549	+	139.5	udp-n-acetylmuramate--alanine ligase
BMEI0581	1	601603	602517	+	139.3	udp-n-acetylenolpyruvoylglucosamine reductase
BMEI0582	1	602739	603686	+	85.5	d-alanine--d-alanine ligase
BMEI0583	1	603653	604609	+	90.7	cell division protein ftsq
BMEI0584	1	604606	605928	+	87.0	cell division protein ftsa
BMEI0585	1	606025	607641	+	210.5	cell division protein ftsz
BMEI0586	1	608267	609127	+	120.5	udp-3-o-[3-hydroxymyristoyl] n-acetylglucosamine deacetylase

BMEI0587	1	609468	610397	+	112.0	coml, competence lipoprotein
BMEI0588	1	610410	612089	+	84.5	DNA repair protein recn
BMEI0589	1	612275	614434	+	135.6	nad-dependent DNA ligase
BMEI0590	1	614434	615138	+	160.0	hypothetical protein
BMEI0591	1	615139	616965	-	145.1	xaa-pro aminopeptidase
BMEI0592	1	617042	617899	-	0.3	ribosomal protein l11 methyltransferase
BMEI0593	1	617937	618527	-	11.5	sco2 protein
BMEI0594	1	618639	619325	+	6.1	chloramphenicol acetyltransferase
BMEI0595	1	619288	619887	+	11.0	crea protein
BMEI0596	1	619961	622444	-	172.7	DNA helicase ii
BMEI0597	1	622596	623648	-	173.9	serine/threonine protein kinases
BMEI0598	1	623792	624301	+	149.5	hypothetical protein
BMEI0599	1	624326	625732	+	163.8	(s)-2-hydroxy-acid oxidase chain d
BMEI0600	1	625987	629667	+	154.7	hypothetical membrane spanning protein
BMEI0601	1	629695	629946	-	64.7	hypothetical protein
BMEI0602	1	629943	630143	-	61.8	hypothetical protein
BMEI0603	1	630524	631093	-	70.0	hypothetical protein
BMEI0604	1	631174	631899	-	92.8	transcriptional regulator, tetr family
BMEI0605	1	632194	633465	+	87.6	bicyclomycin resistance protein
BMEI0606	1	633110	633406	+	82.6	bicyclomycin resistance protein homolog
BMEI0607	1	633952	634290	+	176.0	hypothetical cytosolic protein
BMEI0608	1	634391	635185	+	176.0	thymidylate synthase
BMEI0609	1	635188	635706	+	148.0	dihydrofolate reductase
BMEI0610	1	635831	636985	+	178.1	hflk protein
BMEI0611	1	636985	637887	+	158.3	hflc protein
BMEI0612	1	637907	638092	+	139.4	hypothetical protein
BMEI0613	1	638316	639890	+	150.7	protease do
BMEI0614	1	640020	641201	+	153.6	nad(fad)-utilizing dehydrogenases
BMEI0615	1	641242	642150	-	138.3	phosphoserine phosphatase
BMEI0616	1	642159	643091	+	137.0	transferase
BMEI0617	1	643338	645161	+	109.0	acetolactate synthase large subunit
BMEI0618	1	645180	645752	+	102.5	acetolactate synthase small subunit
BMEI0619	1	645936	647057	+	127.6	exodeoxyribonuclease v alpha chain
BMEI0620	1	647058	647456	-	135.7	hypothetical protein
BMEI0621	1	647756	648496	+	130.4	pyridoxal phosphate biosynthetic protein pdxj
BMEI0622	1	648866	650821	+	172.1	kup system potassium uptake protein
BMEI0623	1	651052	651672	+	51.9	transcriptional regulator, tetr family
BMEI0624	1	651728	652747	+	58.6	ketol-acid reductoisomerase
BMEI0625	1	652769	653050	+	67.5	hypothetical protein transcriptional regulator, gntr family / multiple
BMEI0626	1	653168	654415	+	64.2	substrate aminotransferase
BMEI0627	1	654461	654862	-	117.6	hypothetical protein
BMEI0628	1	655149	656162	+	179.6	hypothetical protein
BMEI0629	1	656228	656914	+	172.8	hypothetical protein
BMEI0630	1	657019	657945	+	175.8	phenazine biosynthesis protein phzf
BMEI0631	1	658097	658531	+	192.9	hypothetical protein
BMEI0632	1	658659	659603	-	183.8	hypothetical membrane spanning protein
BMEI0633	1	659953	660342	+	195.2	integral membrane protein
BMEI0634	1	660355	661167	+	175.2	integral membrane protein
BMEI0635	1	661188	661565	-	164.1	cobalt transport ATP-binding protein cbio
BMEI0636	1	661575	661907	-	140.0	cobalt transport ATP-binding protein cbio
BMEI0637	1	661904	662668	-	152.2	cobalt transport protein cbiq
BMEI0638	1	662665	663234	-	152.0	hypothetical protein
BMEI0639	1	663288	663473	-	129.8	cbim protein
BMEI0640	1	663388	663924	-	153.9	cbim protein
BMEI0641	1	663944	664702	-	148.9	hypothetical protein
BMEI0642	1	664729	665778	-	138.4	urea transporter

BMEI0643	1	665788	666696	-	53.2	urease accessory protein ured
BMEI0644	1	666696	667334	-	17.9	urease accessory protein ureg
BMEI0645	1	667350	668075	-	13.2	urease accessory protein uref
BMEI0646	1	668053	668658	-	9.7	urease accessory protein uree
BMEI0647	1	668706	670427	-	7.8	urease alpha subunit
BMEI0648	1	670467	670946	-	18.5	urease beta subunit
BMEI0649	1	670995	671297	-	158.2	urease gamma subunit
BMEI0650	1	671392	671772	-	144.5	hypothetical protein
BMEI0651	1	672139	673407	+	182.8	hypothetical cytosolic protein
BMEI0652	1	673480	673716	+	161.3	hypothetical protein
BMEI0653	1	674025	675020	+	124.5	periplasmic component of efflux system
BMEI0654	1	675249	677012	+	76.0	abc transporter ATP-binding protein
BMEI0655	1	676912	677787	+	91.8	abc transporter ATP-binding protein
BMEI0656	1	677789	678901	+	94.0	daunorubicin resistance transmembrane protein
BMEI0657	1	679458	681257	+	171.5	metal chelate outer membrane receptor
BMEI0658	1	681271	682110	+	162.9	metal chelate periplasmic binding protein
BMEI0659	1	682088	683104	+	21.7	metal chelate transport system permease protein
BMEI0660	1	682837	683877	+	16.1	metal chelate transport ATP-binding protein
BMEI0661	1	683874	684995	-	7.0	myo-inositol 2-dehydrogenase
BMEI0662	1	685407	685784	+	24.4	d-ribose-binding periplasmic protein precursor
BMEI0663	1	685766	686278	+	14.5	d-ribose-binding periplasmic protein precursor
BMEI0664	1	686529	687692	+	1.4	sugar transport system permease protein
BMEI0665	1	687706	688485	+	17.8	sugar transport ATP-binding protein
BMEI0666	1	688500	689309	+	13.9	short-chain dehydrogenase
BMEI0667	1	689403	689825	+	153.4	fucose operon fucu protein
BMEI0668	1	689959	690513	-	165.7	calcium binding protein
BMEI0669	1	690782	690988	-	165.0	hypothetical protein
BMEI0670	1	691353	692057	+	172.0	phosphatase
BMEI0671	1	692475	694043	+	106.8	integral membrane protein / hemolysin
BMEI0672	1	694115	694393	-	100.2	hypothetical protein
BMEI0673	1	694674	695678	+	128.4	thiosulfate-binding protein precursor
BMEI0674	1	695775	696671	+	121.6	sulfate transport system permease protein cyst
BMEI0675	1	696658	697488	+	150.6	sulfate transport system permease protein cysw
BMEI0676	1	697534	697779	-	159.9	hypothetical protein
BMEI0677	1	697825	698139	-	155.5	hypothetical protein
BMEI0678	1	698366	699337	-	112.5	low ph-induced protein a
BMEI0679	1	699337	701196	-	104.0	potassium/proton antiporter rosb protein translocase subunit secd / protein
BMEI0680	1	701274	703811	-	122.5	translocase subunit secf
BMEI0681	1	703920	704336	-	175.1	hypothetical protein
BMEI0682	1	704658	707153	+	155.5	mechanosensitive ion channel
BMEI0683	1	707260	707550	+	142.4	hypothetical protein
BMEI0684	1	707636	709960	-	116.9	sarcosine dehydrogenase
BMEI0685	1	710463	711587	-	34.3	transcriptional regulator, arac family
BMEI0686	1	711877	712827	+	20.9	transcriptional regulatory protein, lysr family
BMEI0687	1	712839	713141	+	56.7	hypothetical protein
BMEI0688	1	713537	714469	-	153.0	3-hydroxyisobutyrate dehydrogenase
BMEI0689	1	714459	715616	-	137.3	acyl-CoA dehydrogenase, short-chain specific
BMEI0690	1	715822	717342	+	5.3	cobyric acid synthase
BMEI0691	1	717668	717844	+	45.2	hypothetical protein
BMEI0692	1	718254	718649	+	22.0	hypothetical protein cobinamide kinase / cobinamide phosphate
BMEI0693	1	718655	719176	+	14.0	guanylyltransferase
BMEI0694	1	719180	720229	+	31.4	cobw protein
BMEI0695	1	720229	724020	+	31.9	cobn protein
BMEI0696	1	724082	724651	+	11.5	cob(i)alamin adenosyltransferase
BMEI0697	1	724648	725079	+	19.5	transporter, dme family

BMEI0698	1	725076	725537	-	17.5	transporter
BMEI0699	1	725671	726468	+	4.8	hypothetical protein
BMEI0700	1	726461	726856	+	23.0	precorrin-3b c17-methyltransferase
BMEI0701	1	726730	727674	+	11.2	precorrin-4 c11-methyltransferase
BMEI0702	1	727663	728409	-	5.7	precorrin-6x reductase
BMEI0703	1	728396	729505	-	97.3	cbid protein
BMEI0704	1	729566	730444	+	158.0	uroporphyrin-iii c-methyltransferase
BMEI0705	1	730441	731751	+	93.5	cobyrinic acid a,c-diamide synthase
BMEI0706	1	731748	732746	+	155.2	cobc protein
BMEI0707	1	732783	733766	+	126.4	cbib protein
BMEI0708	1	733752	734843	-	106.5	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEI0709	1	734988	735509	+	110.7	4-hydroxyphenylacetate 3-monooxygenase
BMEI0710	1	735552	736121	+	103.0	hypothetical protein
BMEI0711	1	736580	737020	+	127.1	hypothetical protein
BMEI0712	1	737058	738764	-	129.8	cbig protein / precorrin-3b c17-methyltransferase
BMEI0713	1	738749	739483	-	82.5	precorrin-2 c20-methyltransferase
BMEI0714	1	739483	740109	-	77.9	precorrin-8x methylmutase
BMEI0715	1	740119	741489	-	74.5	cobg protein
BMEI0716	1	741488	742693	+	127.2	(decarboxylating)
BMEI0717	1	742982	743539	-	129.1	22 kDa outer membrane protein precursor
BMEI0718	1	743822	744571	-	165.1	DNA repair protein radc homolog
BMEI0719	1	744627	745457	-	104.7	methionine aminopeptidase
BMEI0720	1	745454	746170	-	102.1	sugar fermentation stimulation protein homolog
BMEI0721	1	746493	746777	-	86.0	hypothetical cytosolic protein
BMEI0722	1	747295	748008	-	145.3	hypothetical protein
BMEI0723	1	748782	749282	+	116.2	hypothetical protein
BMEI0724	1	749413	750633	+	107.0	putative aminotransferase aate
BMEI0725	1	750769	752088	+	113.3	homoserine dehydrogenase
BMEI0726	1	752481	753467	+	121.2	glpx protein
BMEI0727	1	753731	754831	+	127.6	d-alanine--d-alanine ligase a
BMEI0728	1	754881	756665	+	119.8	single-stranded-DNA-specific exonuclease recj
BMEI0729	1	757262	757855	+	128.0	transporter
BMEI0730	1	757907	758428	-	133.0	lactoylglutathione lyase
BMEI0731	1	758710	759291	+	136.5	cold shock protein
BMEI0732	1	759695	760144	+	124.1	hypothetical cytosolic protein
BMEI0733	1	760178	760948	+	185.7	non-heme chloroperoxidase
BMEI0734	1	761057	761947	+	126.1	serine acetyltransferase
BMEI0735	1	762195	762449	+	118.0	hypothetical protein
BMEI0736	1	762720	763247	+	124.2	ferripyochelin binding protein
BMEI0737	1	763326	763898	-	139.7	hypothetical protein
BMEI0738	1	764175	764876	-	129.3	hypothetical protein
BMEI0739	1	765229	765936	+	144.4	integral membrane protein (rhomboid family)
BMEI0740	1	766065	766538	+	147.1	inosine-5'-monophosphate dehydrogenase
BMEI0741	1	766599	767510	-	140.9	23S ribosomal RNA methyltransferase
BMEI0742	1	768090	769265	+	108.6	protein translation elongation factor tu (ef-tu)
BMEI0743	1	769900	770139	+	177.8	protein translocase subunit sece
BMEI0744	1	770163	770690	+	171.4	transcription antitermination protein nusg
BMEI0745	1	770893	771321	+	175.9	lsu ribosomal protein l11p
BMEI0746	1	771326	772027	+	122.9	lsu ribosomal protein l1p
BMEI0747	1	772418	772936	+	134.3	lsu ribosomal protein l10p
BMEI0748	1	772988	773362	+	117.3	lsu ribosomal protein l12p (l7/l12)
BMEI0749	1	773570	777703	+	143.5	DNA-directed RNA polymerase beta chain
BMEI0750	1	777852	782054	+	163.4	DNA-directed RNA polymerase beta' chain
BMEI0751	1	782161	782439	-	180.5	hypothetical protein
BMEI0752	1	782952	783323	+	172.5	ssu ribosomal protein s12p
BMEI0753	1	783390	783860	+	177.2	ssu ribosomal protein s7p

BMEI0754	1	783891	785975	+	172.2	protein translation elongation factor g (ef-g)
BMEI0755	1	786042	787217	+	76.0	protein translation elongation factor tu (ef-tu)
BMEI0756	1	787278	787586	+	146.5	ssu ribosomal protein s10p
BMEI0757	1	787616	788329	+	163.3	lsu ribosomal protein l3p
BMEI0758	1	788329	788934	+	161.3	lsu ribosomal protein l1e (= l4p)
BMEI0759	1	788947	789240	+	175.2	lsu ribosomal protein l23p
BMEI0760	1	789262	790095	+	150.3	lsu ribosomal protein l2p
BMEI0761	1	790111	790389	+	97.4	ssu ribosomal protein s19p
BMEI0762	1	790392	790781	+	125.2	lsu ribosomal protein l22p
BMEI0763	1	790781	791491	+	165.7	ssu ribosomal protein s3p
BMEI0764	1	791530	791943	+	171.0	lsu ribosomal protein l16p
BMEI0765	1	791956	792156	+	157.8	lsu ribosomal protein l29p
BMEI0766	1	792169	792411	+	149.2	ssu ribosomal protein s17p
BMEI0767	1	792480	792848	+	160.6	lsu ribosomal protein l14p
BMEI0768	1	792861	793172	+	172.6	lsu ribosomal protein l24p
BMEI0769	1	793165	793722	+	181.5	lsu ribosomal protein l5p
BMEI0770	1	793750	794055	+	191.1	ssu ribosomal protein s14p
BMEI0771	1	794066	794464	+	166.6	ssu ribosomal protein s8p
BMEI0772	1	794503	795036	+	177.7	lsu ribosomal protein l6p
BMEI0773	1	795049	795411	+	139.4	lsu ribosomal protein l18p
BMEI0774	1	795453	796013	+	129.8	ssu ribosomal protein s5p
BMEI0775	1	796131	796328	+	150.0	lsu ribosomal protein l30p
BMEI0776	1	796349	796819	+	145.7	lsu ribosomal protein l15p
BMEI0777	1	796980	798320	+	153.2	protein translocase subunit secy
BMEI0778	1	798317	798901	+	202.9	adenylate kinase
BMEI0779	1	799211	799579	+	128.2	ssu ribosomal protein s13p
BMEI0780	1	799707	800096	+	151.8	ssu ribosomal protein s11p
BMEI0781	1	800212	801225	+	147.3	DNA-directed RNA polymerase alpha chain
BMEI0782	1	801387	801815	+	155.1	lsu ribosomal protein l17p
BMEI0783	1	802095	803519	+	151.3	protease do atpase associated with chromosome architecture/replication
BMEI0784	1	803606	804979	+	144.4	architecture/replication
BMEI0785	1	805103	805687	+	117.1	hypothetical protein
BMEI0786	1	805738	806436	+	55.3	outer membrane protein
BMEI0787	1	806767	807852	+	26.5	reca protein
BMEI0788	1	808080	808235	-	49.9	hypothetical protein
BMEI0789	1	808245	810902	+	151.0	alanyl-tRNA synthetase
BMEI0790	1	811054	812499	-	177.0	alkaline phosphatase
BMEI0791	1	812721	813935	-	153.6	isocitrate dehydrogenase (nadp)
BMEI0792	1	814063	814473	-	150.1	intracellular proteinase i
BMEI0793	1	814562	815206	-	136.2	protease i
BMEI0794	1	815326	816156	+	150.8	spou family of rRNA methylases
BMEI0795	1	816153	816986	+	129.5	glutamate racemase
BMEI0796	1	817132	818121	+	107.8	31 kDa immunogenic protein precursor
BMEI0797	1	818358	820406	+	129.6	transporter
BMEI0798	1	820569	820955	+	160.2	hypothetical protein
BMEI0799	1	821062	823254	-	121.6	methylmalonyl-CoA mutase
BMEI0800	1	823261	825264	-	120.5	propionyl-CoA carboxylase alpha chain
BMEI0801	1	825349	826881	-	140.6	propionyl-CoA carboxylase beta chain
BMEI0802	1	827036	828448	+	134.0	transcriptional regulator, merr family
BMEI0803	1	828451	829077	-	68.1	hypothetical protein
BMEI0804	1	829332	829799	-	85.4	hypothetical cytosolic protein
BMEI0805	1	830095	830409	-	84.8	hypothetical protein
BMEI0806	1	830480	830815	-	110.7	hypothetical protein
BMEI0807	1	830842	831207	-	160.5	hypothetical protein
BMEI0808	1	831445	831831	+	175.4	transcriptional regulator, merr family
BMEI0809	1	832246	832809	-	138.7	hypothetical protein

BMEI0810	1	833002	833796	+	57.4	putative membrane protein
BMEI0811	1	834312	835721	+	24.8	l-serine dehydratase 1
BMEI0812	1	835810	836247	+	48.9	hypothetical protein
BMEI0813	1	836361	836702	-	41.6	hypothetical protein
BMEI0814	1	836734	838152	-	146.4	penicillin-binding protein 6 (d-alanyl-d-alanine carboxypeptidase fraction c)
BMEI0815	1	838578	838988	+	73.9	protein ylja
BMEI0816	1	838995	841469	+	54.3	clpa
BMEI0817	1	841576	842025	-	60.1	bis(5'-nucleosyl)-tetrphosphatase (asymmetrical)
BMEI0818	1	842070	843257	-	168.9	hypothetical cytosolic protein
BMEI0819	1	843312	844052	-	124.5	glycerophosphoryl diester phosphodiesterase
BMEI0820	1	844054	844518	-	28.9	translation initiation inhibitor
BMEI0821	1	844711	845505	+	13.5	hypothetical protein
BMEI0822	1	845743	846111	+	25.0	hypothetical protein
BMEI0823	1	846334	847104	+	4.8	ssu ribosomal protein s2p
BMEI0824	1	847294	848211	+	1.2	protein translation elongation factor ts (ef-ts)
BMEI0825	1	848378	849100	+	6.7	uridylylate kinase
BMEI0826	1	849136	849696	+	138.5	ribosome recycling factor (rrf)
BMEI0827	1	849741	850505	+	201.0	undecaprenyl pyrophosphate synthetase
BMEI0828	1	850586	851422	+	181.8	phosphatidate cytidylyltransferase
BMEI0829	1	851489	852628	+	171.6	membrane metalloprotease
BMEI0830	1	852964	855309	+	176.9	outer membrane protein
BMEI0831	1	855363	856418	+	137.5	udp-3-o-[3-hydroxymyristoyl] glucosamine n-acyltransferase
BMEI0832	1	856363	856884	+	130.0	dehydratase
BMEI0833	1	856881	857729	+	126.0	acyl-(acyl-carrier-protein)-udp-n-acetylglucosamine o-acyltransferase
BMEI0834	1	857710	858612	+	151.9	hypothetical protein
BMEI0835	1	858609	859796	+	125.6	lipid-a-disaccharide synthase
BMEI0836	1	859969	861261	-	161.8	citrate synthase
BMEI0837	1	861490	862995	-	139.5	glutamyl-tRNA synthetase
BMEI0838	1	863132	863968	+	0.4	come operon protein 3
BMEI0839	1	863965	865662	+	20.0	come operon protein 3
BMEI0840	1	865656	866378	-	4.6	lexa repressor
BMEI0841	1	866626	867840	-	10.4	molybdopterin biosynthesis moea protein
BMEI0842	1	867936	868433	-	15.4	molybdenum cofactor biosynthesis protein c
BMEI0843	1	868430	869236	-	2.5	indole-3-glycerol phosphate synthase
BMEI0844	1	869253	870281	-	136.3	anthranilate phosphoribosyltransferase
BMEI0845	1	870287	872173	-	75.4	peptidyl-prolyl cis-trans isomerase d
BMEI0846	1	872392	873156	+	71.4	triosephosphate isomerase
BMEI0847	1	873256	873702	+	204.0	hypothetical protein
BMEI0848	1	874000	874647	+	216.5	probable carnitine operon oxidoreductase caia
BMEI0849	1	874917	876545	+	169.6	ctp synthase
BMEI0850	1	876651	877484	+	98.4	2-dehydro-3-deoxyphosphooctonate aldolase
BMEI0851	1	877671	878948	+	111.9	enolase
BMEI0852	1	879276	879866	+	155.0	methyltransferase
BMEI0853	1	880138	880467	+	155.2	hypothetical protein
BMEI0854	1	880606	881646	+	151.7	subunit
BMEI0855	1	881665	883050	+	146.9	subunit
BMEI0856	1	883068	884411	+	39.1	dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex
BMEI0857	1	884359	885957	+	25.7	dihydrolipoamide dehydrogenase
BMEI0858	1	886040	886237	+	50.7	hypothetical protein
BMEI0859	1	886347	887315	+	27.0	lipoic acid synthetase
BMEI0860	1	887321	887779	+	18.8	hypothetical cytosolic protein
BMEI0861	1	887761	888579	-	42.8	glucose 1-dehydrogenase ii
BMEI0862	1	888656	889153	-	33.9	putative competence-damage protein

						2-c-methyl-d-erythritol 4-phosphate cytidyltransferase / 2-c-methyl-d-erythritol 2,4- cyclodiphosphate synthase
BMEI0863	1	889150	890379	-	166.2	
BMEI0864	1	890517	891518	+	169.2	nitrogen regulation protein nifr3
BMEI0865	1	891518	892660	+	170.4	nitrogen regulation protein ntrb
BMEI0866	1	892546	894132	+	156.6	nitrogen assimilation regulatory protein
BMEI0867	1	894292	896547	+	154.9	nitrogen regulation protein ntry
BMEI0868	1	896549	897910	+	142.7	nitrogen assimilation regulatory protein ntrx
BMEI0869	1	897935	899311	+	144.8	trk system potassium uptake protein trka
BMEI0870	1	899426	900190	+	176.2	hypothetical protein
BMEI0871	1	900219	900413	+	183.0	hypothetical protein
BMEI0872	1	900419	900655	+	165.5	hfq protein
BMEI0873	1	900747	902264	+	95.7	gtp-binding protein hflx
BMEI0874	1	902369	902998	+	100.5	ATP-dependent clp protease proteolytic subunit
BMEI0875	1	903380	904654	+	140.7	clpx
BMEI0876	1	905053	907524	+	160.7	ATP-dependent protease la
BMEI0877	1	907699	907980	+	123.9	DNA-binding protein hu-alpha
BMEI0878	1	908167	911091	-	17.9	excinuclease abc subunit a
BMEI0879	1	911222	911422	-	41.6	hypothetical protein
BMEI0880	1	911990	912496	+	23.6	single-strand binding protein
BMEI0881	1	913182	913943	-	157.7	transcriptional regulator, gntr family
BMEI0882	1	914130	914708	+	76.7	phosphonates transport ATP-binding protein phnn
BMEI0883	1	914799	915428	-	61.4	multiple antibiotic resistance protein marc
BMEI0884	1	915716	918484	+	142.9	DNA gyrase subunit a
BMEI0885	1	918651	918800	-	178.3	hypothetical protein
BMEI0886	1	918995	919489	+	158.5	phosphopantetheine adenylyltransferase
BMEI0887	1	919570	920100	+	164.8	peptidyl-prolyl cis-trans isomerase
BMEI0888	1	920139	920669	+	169.7	peptidyl-prolyl cis-trans isomerase a
BMEI0889	1	920791	921882	+	183.0	s-adenosylmethionine:tRNA ribosyltransferase- isomerase
BMEI0890	1	921879	923012	+	117.4	queuine tRNA-ribosyltransferase
BMEI0891	1	923049	923615	-	122.4	transcriptional regulator, tetr family
BMEI0892	1	923810	924904	+	175.0	membrane fusion protein mtrc
BMEI0893	1	924914	928003	+	104.1	acriflavin resistance protein b
BMEI0894	1	928084	929067	+	3.3	alkanal monooxygenase alpha chain
BMEI0895	1	929037	929273	-	36.8	transcriptional regulatory protein, lysr family
BMEI0896	1	929117	929968	-	12.5	transcriptional regulatory protein, lysr family
BMEI0897	1	930070	931254	+	24.0	glutaryl-CoA dehydrogenase
BMEI0898	1	931276	932478	+	136.7	dehydratase
BMEI0899	1	933005	933580	+	189.9	phage-related DNA binding protein
BMEI0900	1	933957	934199	+	209.9	hypothetical protein
BMEI0901	1	934707	935324	+	173.8	resolvase
BMEI0902	1	935275	935505	+	116.6	recombinase
BMEI0903	1	935903	937246	+	13.3	hypothetical protein
BMEI0904	1	937691	937936	-	35.7	hypothetical protein
BMEI0905	1	938429	938650	+	156.1	hypothetical protein
BMEI0906	1	938992	939309	-	189.7	hypothetical protein
BMEI0907	1	940518	940766	+	196.5	hypothetical protein
BMEI0908	1	941252	942196	-	169.4	serine protease
BMEI0909	1	942416	942835	-	153.2	phosphoribosyl-amp cyclohydrolase
BMEI0910	1	942858	943499	-	155.0	gtp cyclohydrolase i
BMEI0911	1	943763	944203	+	142.0	nifu protein
BMEI0912	1	944205	944576	+	169.3	hypothetical cytosolic protein
BMEI0913	1	944683	945300	+	167.6	penicillin-binding protein 6 (d-alanyl-d-alanine carboxypeptidase fraction c)
BMEI0914	1	945367	945915	+	162.4	penicillin-binding protein 6 (d-alanyl-d-alanine carboxypeptidase fraction c)

BMEI0915	1	946130	948106	+	166.7	threonyl-tRNA synthetase
BMEI0916	1	948161	949126	-	155.2	hypothetical protein
BMEI0917	1	949391	949756	+	156.4	nitroreductase family
BMEI0918	1	949753	949974	+	140.6	nitroreductase family
BMEI0919	1	950017	950628	+	187.9	nitrilotriacetate monooxygenase component b
BMEI0920	1	950637	951482	-	150.7	mazg protein
BMEI0921	1	951606	952613	+	166.2	udp-glucose 4-epimerase
BMEI0922	1	952742	953707	+	172.7	sodium/bile acid cotransporter homolog, sbf family
BMEI0923	1	953816	954646	+	168.7	3-demethylubiquinone-9 3-methyltransferase
BMEI0924	1	954905	955900	+	157.2	xaa-pro dipeptidase
BMEI0925	1	956090	957073	-	115.2	alcohol dehydrogenase
BMEI0926	1	957356	957958	+	190.2	multidrug resistance protein a
BMEI0927	1	957910	959328	+	182.4	multidrug resistance protein b
BMEI0928	1	959593	961083	+	76.7	acetate CoA-transferase alpha subunit diguanylate cyclase/phosphodiesterase domain 1 (ggdef)
BMEI0929	1	961675	962442	+	69.7	
BMEI0930	1	962481	962990	-	65.3	acetyltransferase
BMEI0931	1	963004	963858	-	124.6	putative thiosulfate sulfurtransferase
BMEI0932	1	963885	964628	-	137.0	metal-dependent hydrolase
BMEI0933	1	964631	965659	-	158.6	cysteine synthase
BMEI0934	1	965830	967437	-	128.6	ATP-dependent RNA helicase rhle
BMEI0935	1	967504	968763	-	8.9	threonine dehydratase biosynthetic
BMEI0936	1	969065	969664	-	30.3	trp repressor binding protein
BMEI0937	1	969825	970583	+	35.1	putative competence-damage protein universal stress protein uspa and related
BMEI0938	1	970661	971506	+	102.0	nucleotide-binding proteins
BMEI0939	1	971733	971972	+	123.1	hypothetical protein
BMEI0940	1	971956	972468	+	128.0	xanthine-guanine phosphoribosyltransferase
BMEI0941	1	972695	973183	+	85.3	bis(5'-nucleosyl)-tetraphosphatase (asymmetrical)
BMEI0942	1	973593	973832	-	45.1	hypothetical protein
BMEI0943	1	973894	977679	+	37.0	vitamin b12-dependent ribonucleotide reductase
BMEI0944	1	977769	978995	+	180.8	putative transport
BMEI0945	1	978976	979968	-	180.8	6-aminohexanoate-dimer hydrolase
BMEI0946	1	980332	981540	-	95.9	nad(fad)-utilizing dehydrogenases
BMEI0947	1	981565	983868	-	47.4	sensory transduction protein kinase
BMEI0948	1	984798	985883	+	141.2	hypothetical protein
BMEI0949	1	986029	986445	-	142.3	dnak suppressor protein homolog
BMEI0950	1	986842	987342	+	136.9	phosphohistidine phosphatase sixa
BMEI0951	1	987435	988895	+	140.3	amino acid regulated cytosolic protein
BMEI0952	1	988892	989965	+	136.6	gtp-binding protein
BMEI0953	1	990304	990774	+	131.1	hypothetical protein hydroxymethylidihydropteridine
BMEI0954	1	990889	991422	-	144.5	pyrophosphokinase
BMEI0955	1	991419	991778	-	135.4	dihydroneopterin aldolase
BMEI0956	1	991797	992636	-	185.7	dihydropteroate synthase
BMEI0957	1	992833	993414	+	112.9	hypothetical protein
BMEI0958	1	993419	993760	-	107.8	thioredoxin reductase
BMEI0959	1	994060	994401	-	117.8	ferredoxin, 2fe-2S
BMEI0960	1	994502	994783	-	108.5	hypothetical protein
BMEI0961	1	995691	999671	+	135.3	kinesin-like protein membrane lipoprotein lipid attachment site containing protein
BMEI0962	1	999911	1000468	-	138.0	
BMEI0963	1	1E+06	1001532	-	172.4	toluene tolerance protein ttg2c
BMEI0964	1	1E+06	1002399	-	176.3	abc transporter ATP-binding protein
BMEI0965	1	1E+06	1003781	-	170.2	toluene tolerance protein ttg2b
BMEI0966	1	1E+06	1004825	+	159.0	muconate cycloisomerase i
BMEI0967	1	1E+06	1007367	+	90.3	nad-dependent malic enzyme

BMEI0968	1	1E+06	1009564	-	158.2	glutamyl-tRNA synthetase
BMEI0969	1	1E+06	1011249	-	146.8	glutamine-dependent nad(+) synthetase
BMEI0970	1	1E+06	1011694	-	133.3	diacylglycerol kinase
BMEI0971	1	1E+06	1013157	-	152.6	phospho-2-dehydro-3-deoxyheptonate aldolase
BMEI0972	1	1E+06	1014760	-	136.7	glutathione reductase
BMEI0973	1	1E+06	1015384	-	18.0	hypothetical protein
BMEI0974	1	1E+06	1016210	-	4.2	ribose 5-phosphate isomerase
BMEI0975	1	1E+06	1017225	+	5.4	phosphoglycolate phosphatase
BMEI0976	1	1E+06	1017494	+	32.7	hypothetical protein
BMEI0977	1	1E+06	1019093	-	35.0	putative sugar kinase
BMEI0978	1	1E+06	1019675	+	180.3	nitrogen regulatory protein p-ii
BMEI0979	1	1E+06	1021232	+	152.8	glutamine synthetase
BMEI0980	1	1E+06	1022139	-	128.1	hypothetical protein
BMEI0981	1	1E+06	1022831	-	101.3	phosphoglycolate phosphatase
BMEI0982	1	1E+06	1023751	-	97.9	transporter, dme family
BMEI0983	1	1E+06	1024785	-	102.8	ribosomal large subunit pseudouridine synthase c
BMEI0984	1	1E+06	1026846	+	138.2	ndva
BMEI0985	1	1E+06	1027714	-	148.2	phnp protein
BMEI0986	1	1E+06	1028514	-	92.3	sec-independent protein tatd
BMEI0987	1	1E+06	1030151	-	97.8	methionyl-tRNA synthetase
BMEI0988	1	1E+06	1031302	-	135.7	DNA polymerase iii, delta' subunit
BMEI0989	1	1E+06	1031943	-	85.9	thymidylate kinase
BMEI0990	1	1E+06	1033215	-	76.7	d-alanyl-d-alanine carboxypeptidase
BMEI0991	1	1E+06	1034501	-	149.5	rare lipoprotein a
BMEI0992	1	1E+06	1035309	-	165.1	arsenate reductase
BMEI0993	1	1E+06	1035550	+	200.4	hypothetical protein
BMEI0994	1	1E+06	1035909	-	206.4	hypothetical protein
BMEI0995	1	1E+06	1037027	-	172.4	secretion activator protein
BMEI0996	1	1E+06	1037393	+	195.6	hypothetical protein
BMEI0997	1	1E+06	1038933	-	179.2	mannosyltransferase
BMEI0998	1	1E+06	1040162	-	176.7	glycosyltransferase
BMEI0999	1	1E+06	1041939	-	203.5	hypothetical protein
BMEI1000	1	1E+06	1043007	-	213.5	hypothetical protein
BMEI1001	1	1E+06	1043436	-	157.6	transposase
BMEI1002	1	1E+06	1043801	-	125.3	transposase
BMEI1003	1	1E+06	1044479	-	182.7	queuine tRNA-ribosyltransferase
BMEI1004	1	1E+06	1044887	+	171.4	hypothetical protein
BMEI1005	1	1E+06	1045526	-	182.4	hypothetical protein
BMEI1006	1	1E+06	1045719	+	132.2	hypothetical cytosolic protein
BMEI1007	1	1E+06	1046777	-	171.7	precursor
BMEI1008	1	1E+06	1047530	-	179.4	hypothetical protein
BMEI1009	1	1E+06	1047897	-	153.9	hypothetical protein
BMEI1010	1	1E+06	1049038	-	156.6	hypothetical protein
BMEI1011	1	1E+06	1049078	+	98.6	hypothetical protein
BMEI1012	1	1E+06	1050508	+	106.7	integrase/recombinase
BMEI1013	1	1E+06	1051268	+	98.6	hypothetical membrane spanning protein
BMEI1014	1	1E+06	1053664	-	148.6	cell wall degradation protein
BMEI1015	1	1E+06	1053973	-	150.5	hypothetical protein
BMEI1016	1	1E+06	1055998	+	142.4	fumarate hydratase class i, aerobic
BMEI1017	1	1E+06	1057452	+	111.9	salicylate hydroxylase
BMEI1018	1	1E+06	1057879	-	124.9	hypothetical protein
BMEI1019	1	1E+06	1059100	+	120.6	molybdenum cofactor biosynthesis protein a
BMEI1020	1	1E+06	1059941	+	112.8	molybdopterin-guanine dinucleotide biosynthesis protein a
BMEI1021	1	1E+06	1060336	+	109.8	molybdopterin-guanine dinucleotide biosynthesis protein b

BMEI1022	1	1E+06	1061231	+	111.6	arginine/ornithine-binding periplasmic protein precursor
BMEI1023	1	1E+06	1061532	+	108.1	glutathione s-transferase iii
BMEI1024	1	1E+06	1062435	+	171.8	3-hydroxyisobutyrate dehydrogenase
BMEI1025	1	1E+06	1063391	-	185.2	outer membrane protein e
BMEI1026	1	1E+06	1063787	-	156.6	outer membrane protein e
BMEI1027	1	1E+06	1066925	-	145.6	valyl-tRNA synthetase
BMEI1028	1	1E+06	1067911	-	163.9	hypothetical protein
BMEI1029	1	1E+06	1069567	-	166.4	outer membrane protein tolC
BMEI1030	1	1E+06	1070374	-	172.1	protein-l-isoaspartate o-methyltransferase
BMEI1031	1	1E+06	1070550	-	178.1	hypothetical protein
BMEI1032	1	1E+06	1070900	-	140.4	heavy metal binding protein
BMEI1033	1	1E+06	1071607	-	172.3	hypothetical protein
BMEI1034	1	1E+06	1072180	+	135.6	hesb protein
BMEI1035	1	1E+06	1073865	-	125.9	ATP-dependent RNA helicase dead
BMEI1036	1	1E+06	1074990	-	126.2	ATP-nad kinase
BMEI1037	1	1E+06	1076364	+	137.5	biogenesis
BMEI1038	1	1E+06	1076808	-	169.3	phenylacetic acid degradation protein paad
BMEI1039	1	1E+06	1078124	-	160.2	cysteine desulhydrase / selenocysteine lyase
BMEI1040	1	1E+06	1079417	-	27.8	abc transporter ATP-binding protein
BMEI1041	1	1E+06	1080273	-	35.9	abc transporter ATP-binding protein
BMEI1042	1	1E+06	1081777	-	58.9	abc transporter-associated protein
BMEI1043	1	1E+06	1083136	-	168.3	nifs protein
BMEI1044	1	1E+06	1084015	+	122.0	alpha/beta hydrolase quaternary ammonium compound-resistance protein qace
BMEI1045	1	1E+06	1084459	+	126.2	transcriptional repressor
BMEI1046	1	1E+06	1085577	-	123.8	tyrosyl-tRNA synthetase
BMEI1047	1	1E+06	1086946	+	82.0	hypothetical membrane associated protein
BMEI1048	1	1E+06	1089519	-	158.8	bacterioferritin comigratory protein
BMEI1049	1	1E+06	1091155	+	99.9	hypothetical protein
BMEI1050	1	1E+06	1092004	+	86.6	hypothetical protein
BMEI1051	1	1E+06	1092537	+	92.5	hypothetical protein
BMEI1052	1	1E+06	1093082	-	32.1	transposase
BMEI1053	1	1E+06	1093447	-	129.9	transposase
BMEI1054	1	1E+06	1094606	-	207.2	bacterial peptide chain release factor 2 (rf-2)
BMEI1055	1	1E+06	1097369	-	170.1	penicillin-binding protein 1a
BMEI1056	1	1E+06	1098821	-	152.8	n-acetylmuramoyl-l-alanine amidase
BMEI1057	1	1E+06	1102271	+	190.5	ribonuclease e / zinc metalloprotease
BMEI1058	1	1E+06	1103638	-	116.9	aspartate aminotransferase
BMEI1059	1	1E+06	1105161	+	162.6	zinc metalloprotease
BMEI1060	1	1E+06	1106006	+	160.9	outer membrane protein
BMEI1061	1	1E+06	1106723	+	185.9	3-dehydroquinone dehydratase biotin carboxyl carrier protein of acetyl-CoA carboxylase
BMEI1062	1	1E+06	1107195	+	171.7	biotin carboxylase
BMEI1063	1	1E+06	1108603	+	152.6	leucyl/phenylalanyl-tRNA--protein transferase
BMEI1064	1	1E+06	1109223	+	157.7	retrovirus-related pol polyprotein
BMEI1065	1	1E+06	1109722	-	135.6	NADH-ubiquinone oxidoreductase subunit b17.2 like protein
BMEI1066	1	1E+06	1110341	-	136.8	acetyltransferase
BMEI1067	1	1E+06	1111004	-	137.8	glutamyl-tRNA(gln) amidotransferase subunit b
BMEI1068	1	1E+06	1112506	-	168.9	trigger factor, ppiase
BMEI1069	1	1E+06	1114113	-	164.2	hypothetical protein
BMEI1070	1	1E+06	1115062	-	136.7	hypothetical membrane spanning protein
BMEI1071	1	1E+06	1116063	-	126.2	hypothetical protein
BMEI1072	1	1E+06	1116615	+	182.5	glucose inhibited division protein a
BMEI1073	1	1E+06	1118257	+	162.5	phytoene synthase
BMEI1074	1	1E+06	1119142	-	154.9	

BMEI1075	1	1E+06	1119537	-	152.2	hypothetical cytosolic protein protein translocase subunit secd / protein
BMEI1076	1	1E+06	1121867	-	164.5	translocase subunit secf
BMEI1077	1	1E+06	1122349	-	148.0	hypothetical exported protein
BMEI1078	1	1E+06	1123354	+	135.8	ATP-dependent protease subunit
BMEI1079	1	1E+06	1124686	-	19.9	lipoprotein nlpd
BMEI1080	1	1E+06	1125748	-	37.7	protein-l-isoaspartate o-methyltransferase
BMEI1081	1	1E+06	1126545	-	37.4	stationary-phase survival protein sure
BMEI1082	1	1E+06	1127944	-	122.7	seryl-tRNA synthetase
BMEI1083	1	1E+06	1128845	-	142.2	sec-independent protein translocase protein tate
BMEI1084	1	1E+06	1129752	-	168.2	sec-independent protein translocase protein tata
BMEI1085	1	1E+06	1130590	-	170.6	hypothetical cytosolic protein
BMEI1086	1	1E+06	1131467	-	136.2	hypothetical cytosolic protein
BMEI1087	1	1E+06	1132592	-	150.1	beta-hexosaminidase a
BMEI1088	1	1E+06	1135669	-	194.6	soluble lytic murein transglycosylase
BMEI1089	1	1E+06	1137683	-	164.7	arginyl-tRNA synthetase
BMEI1090	1	1E+06	1139113	-	155.1	deoxyguanosinetriphosphate triphosphohydrolase
BMEI1091	1	1E+06	1139606	+	77.1	hesb protein
BMEI1092	1	1E+06	1140178	-	83.5	hypothetical protein
BMEI1093	1	1E+06	1141345	+	84.4	exodeoxyribonuclease iii exopolysaccharide production negative regulator
BMEI1094	1	1E+06	1142207	-	76.8	precursor
BMEI1095	1	1E+06	1142857	-	115.6	hypothetical protein
BMEI1096	1	1E+06	1143397	+	116.4	succinoglycan biosynthesis protein exoi
BMEI1097	1	1E+06	1144135	+	105.3	hypothetical protein
BMEI1098	1	1E+06	1144743	+	102.7	transcriptional regulatory protein, asnc family nicotinate-nucleotide-dimethylbenzimidazole
BMEI1099	1	1E+06	1145870	-	129.1	phosphoribosyltransferase
BMEI1100	1	1E+06	1146806	+	104.4	cobalamin (5'-phosphate) synthase
BMEI1101	1	1E+06	1147020	+	106.6	hypothetical protein
BMEI1102	1	1E+06	1147724	+	103.5	transporter
BMEI1103	1	1E+06	1148743	-	99.9	nifr3-like protein arginine/ornithine-binding periplasmic protein
BMEI1104	1	1E+06	1149690	-	62.3	precursor
BMEI1105	1	1E+06	1150663	+	32.2	glycerol-3-phosphatase 1
BMEI1106	1	1E+06	1151799	-	41.0	phnm protein
BMEI1107	1	1E+06	1152534	-	55.1	hypothetical cytosolic protein
BMEI1108	1	1E+06	1153640	+	140.2	2-dehydro-3-deoxygluconokinase
BMEI1109	1	1E+06	1154659	-	157.9	aldose 1-epimerase
BMEI1110	1	1E+06	1155636	+	146.2	secretion activator protein
BMEI1111	1	1E+06	1156118	+	174.1	acyl carrier protein
BMEI1112	1	1E+06	1157447	+	146.1	3-oxoacyl-(acyl-carrier-protein) synthase ii tetracenomycin c polyketide putative beta-ketoacyl
BMEI1113	1	1E+06	1158726	+	97.3	synthase
BMEI1114	1	1E+06	1159836	+	81.8	alcohol dehydrogenase
BMEI1115	1	1E+06	1160776	+	78.2	lipid a biosynthesis lauroyl acyltransferase
BMEI1116	1	1E+06	1161611	+	59.3	ribulose-phosphate 3-epimerase
BMEI1117	1	1E+06	1162939	+	31.8	adenylosuccinate lyase
BMEI1118	1	1E+06	1164040	-	46.3	biphenyl-2,3-diol 1,2-dioxygenase iii
BMEI1119	1	1E+06	1164875	+	43.5	hypothetical cytosolic protein
BMEI1120	1	1E+06	1165679	-	41.9	phosphotyrosyl phosphatase activator (ptpa)
BMEI1121	1	1E+06	1166079	-	54.7	hypothetical cytosolic protein phosphoribosylaminoimidazole-
BMEI1122	1	1E+06	1167099	+	62.0	succinocarboxamide synthase phosphoribosylformylglycinamide synthase, purs
BMEI1123	1	1E+06	1167457	+	72.5	component
BMEI1124	1	1E+06	1168151	+	80.7	phosphoribosylformylglycinamide synthase

BMEI1125	1	1E+06	1169050	+	85.9	maleylpyruvate isomerase
BMEI1126	1	1E+06	1169511	+	94.3	hypothetical cytosolic protein
BMEI1127	1	1E+06	1171920	+	150.6	phosphoribosylformylglycinamide synthase
BMEI1128	1	1E+06	1172423	+	155.6	bola protein family
BMEI1129	1	1E+06	1172940	+	179.0	glutaredoxin
BMEI1130	1	1E+06	1174476	+	156.9	bicyclomycin resistance protein
BMEI1131	1	1E+06	1175518	-	150.9	inositol monophosphatase and related sulfite synthesis enzyme
BMEI1132	1	1E+06	1176386	-	95.7	atpases of the pp superfamily
BMEI1133	1	1E+06	1177533	-	95.2	ssu ribosomal protein s4p
BMEI1134	1	1E+06	1178839	+	183.9	extensin-like protein
BMEI1135	1	1E+06	1179524	+	41.0	hypothetical exported protein
BMEI1136	1	1E+06	1179766	-	58.4	hypothetical cytosolic protein
BMEI1137	1	1E+06	1183343	-	111.2	DNA polymerase iii, alpha chain
BMEI1138	1	1E+06	1184826	-	184.2	lold
BMEI1139	1	1E+06	1185908	-	138.1	lipoprotein releasing system transmembrane protein lole
BMEI1140	1	1E+06	1187287	-	20.5	prolyl-tRNA synthetase
BMEI1141	1	1E+06	1188395	-	33.0	hypothetical membrane spanning protein
BMEI1142	1	1E+06	1188808	-	20.9	methylmalonyl CoA epimerase
BMEI1143	1	1E+06	1190518	-	12.0	metal dependent hydrolase
BMEI1144	1	1E+06	1191575	-	12.1	biotin operon repressor / biotin-[acetyl-CoA-carboxylase] synthetase
BMEI1145	1	1E+06	1192971	-	169.8	NADH-quinone oxidoreductase chain n
BMEI1146	1	1E+06	1194501	-	179.4	NADH-quinone oxidoreductase chain m
BMEI1147	1	1E+06	1196486	-	166.1	NADH-quinone oxidoreductase chain l
BMEI1148	1	1E+06	1196802	-	161.7	NADH-quinone oxidoreductase chain k
BMEI1149	1	1E+06	1197382	-	179.9	NADH-quinone oxidoreductase chain j
BMEI1150	1	1E+06	1198095	-	163.3	NADH-quinone oxidoreductase chain i
BMEI1151	1	1E+06	1199151	-	156.9	NADH-quinone oxidoreductase chain h
BMEI1152	1	1E+06	1201255	-	116.3	NADH-quinone oxidoreductase chain g
BMEI1153	1	1E+06	1202697	-	158.8	NADH-quinone oxidoreductase chain f
BMEI1154	1	1E+06	1203414	-	109.3	NADH-quinone oxidoreductase chain e
BMEI1155	1	1E+06	1204604	-	112.4	NADH-quinone oxidoreductase chain d
BMEI1156	1	1E+06	1205230	-	69.2	NADH-quinone oxidoreductase chain c
BMEI1157	1	1E+06	1205945	-	30.1	NADH-quinone oxidoreductase chain b
BMEI1158	1	1E+06	1206280	-	25.3	NADH-quinone oxidoreductase chain a
BMEI1159	1	1E+06	1206991	+	41.1	hypothetical protein
BMEI1160	1	1E+06	1208256	+	23.6	hypothetical protein
BMEI1161	1	1E+06	1209076	-	36.2	hypothetical protein
BMEI1162	1	1E+06	1209603	-	28.3	hypothetical protein
BMEI1163	1	1E+06	1210016	-	32.1	transposase
BMEI1164	1	1E+06	1210381	-	24.0	transposase
BMEI1165	1	1E+06	1211463	+	122.9	hypothetical membrane spanning protein
BMEI1166	1	1E+06	1212839	-	134.4	o-acetylhomoserine sulfhydrylase / o-acetylserine sulfhydrylase
BMEI1167	1	1E+06	1213497	+	159.3	hypothetical protein
BMEI1168	1	1E+06	1214197	+	155.4	lsu ribosomal protein l13p
BMEI1169	1	1E+06	1214676	+	120.4	ssu ribosomal protein s9p
BMEI1170	1	1E+06	1215717	+	118.6	agmatinase
BMEI1171	1	1E+06	1216739	+	135.0	n-acetyl-gamma-glutamyl-phosphate reductase
BMEI1172	1	1E+06	1217992	-	170.1	cytochrome c oxidase assembly protein cox15
BMEI1173	1	1E+06	1218538	+	166.2	hypothetical membrane spanning protein
BMEI1174	1	1E+06	1219151	-	159.8	atpase, para family
BMEI1175	1	1E+06	1219979	+	170.7	putative capsule polysaccharide export protein precursor
BMEI1176	1	1E+06	1220203	+	84.3	hypothetical protein

BMEI1177	1	1E+06	1221871	+	13.7	putative colanic biosynthesis udp-glucose lipid carrier transferase
BMEI1178	1	1E+06	1223165	-	19.6	transcriptional regulator, merr family
BMEI1179	1	1E+06	1224046	-	25.7	integration host factor alpha-subunit
BMEI1180	1	1E+06	1225073	-	35.7	3-oxoacyl-(acyl-carrier-protein) synthase iii
BMEI1181	1	1E+06	1226361	-	175.6	plsx protein
BMEI1182	1	1E+06	1227036	-	168.7	hypothetical cytosolic protein
BMEI1183	1	1E+06	1227710	-	165.7	hypothetical protein
BMEI1184	1	1E+06	1228318	+	134.8	small protein a
BMEI1185	1	1E+06	1230540	-	138.9	h ⁺ translocating pyrophosphate synthase
BMEI1186	1	1E+06	1231512	-	141.5	n utilization substance protein b
BMEI1187	1	1E+06	1231991	-	187.5	6,7-dimethyl-8-ribityllumazine synthase
BMEI1188	1	1E+06	1232685	-	161.6	riboflavin synthase alpha chain diaminohydroxyphosphoribosylaminopyrimidine deaminase / 5-amino-6-(5-
BMEI1189	1	1E+06	1233803	-	169.9	phosphoribosylamino)uracil reductase
BMEI1190	1	1E+06	1234281	-	162.5	putative regulatory protein
BMEI1191	1	1E+06	1235404	-	43.6	serine hydroxymethyltransferase
BMEI1192	1	1E+06	1235853	-	25.5	serine hydroxymethyltransferase
BMEI1193	1	1E+06	1237286	-	24.7	cell wall degradation protein
BMEI1194	1	1E+06	1238346	-	22.6	mucs
BMEI1195	1	1E+06	1239005	-	28.4	hypothetical membrane spanning protein
BMEI1196	1	1E+06	1240074	-	141.2	enoyl-CoA hydratase
BMEI1197	1	1E+06	1241279	+	128.1	delta-aminolevulinic acid dehydratase
BMEI1198	1	1E+06	1241896	+	109.7	hypothetical membrane spanning protein
BMEI1199	1	1E+06	1242766	+	103.8	arginyl-tRNA--protein transferase
BMEI1200	1	1E+06	1245272	-	142.1	topoisomerase iv subunit a
BMEI1201	1	1E+06	1246853	+	141.5	hypothetical cytosolic protein
BMEI1202	1	1E+06	1248681	-	153.5	aspartyl-tRNA synthetase
BMEI1203	1	1E+06	1250065	+	141.8	ribonuclease d
BMEI1204	1	1E+06	1251725	-	125.2	exopolyphosphatase
BMEI1205	1	1E+06	1254073	-	139.3	polyphosphate kinase
BMEI1206	1	1E+06	1254502	+	126.4	hypothetical cytosolic protein
BMEI1207	1	1E+06	1255737	+	42.6	salicylate hydroxylase
BMEI1208	1	1E+06	1256594	-	61.0	general l-amino acid transport ATP-binding protein aapp
BMEI1209	1	1E+06	1257646	-	46.8	general l-amino acid transport system permease protein aapm
BMEI1210	1	1E+06	1258967	-	68.8	general l-amino acid transport system permease protein aapq
BMEI1211	1	1E+06	1260295	-	152.4	general l-amino acid-binding periplasmic protein aapj precursor
BMEI1212	1	1E+06	1261457	-	131.9	phosphatidylglycerophosphatase b
BMEI1213	1	1E+06	1262897	+	172.6	cystathionine beta-lyase
BMEI1214	1	1E+06	1263390	+	150.5	hypothetical protein
BMEI1215	1	1E+06	1264062	+	145.0	hypothetical membrane spanning protein
BMEI1216	1	1E+06	1264982	-	182.0	hypothetical cytosolic protein
BMEI1217	1	1E+06	1266816	-	162.5	apea
BMEI1218	1	1E+06	1268547	-	183.9	putative regulatory protein
BMEI1219	1	1E+06	1268985	+	146.2	hypothetical protein
BMEI1220	1	1E+06	1270039	-	195.0	hypothetical protein
BMEI1221	1	1E+06	1271243	-	151.9	hypothetical cytosolic protein
BMEI1222	1	1E+06	1271833	-	160.5	hypothetical protein
BMEI1223	1	1E+06	1273760	-	176.5	transposase
BMEI1224	1	1E+06	1274464	-	161.6	hypothetical protein
BMEI1225	1	1E+06	1275608	+	38.5	hypothetical protein
BMEI1226	1	1E+06	1276427	+	4.3	transcriptional regulator

BMEI1227	1	1E+06	1277937	+	15.1	hypothetical protein
BMEI1228	1	1E+06	1278479	+	13.7	adenylate kinase
BMEI1229	1	1E+06	1279415	+	9.4	hypothetical exonuclease
BMEI1230	1	1E+06	1280220	-	11.8	hypothetical cytosolic protein
BMEI1231	1	1E+06	1281097	-	30.4	NADH-ubiquinone oxidoreductase 18 kd subunit
BMEI1232	1	1E+06	1282257	+	148.5	l-lactate permease
BMEI1233	1	1E+06	1283325	+	181.5	l-lactate permease
BMEI1234	1	1E+06	1283952	-	182.6	hypothetical membrane associated protein
BMEI1235	1	1E+06	1284728	+	185.7	short-chain dehydrogenase
BMEI1236	1	1E+06	1285586	+	158.0	hypothetical exported proline-rich protein
BMEI1237	1	1E+06	1286452	-	144.9	udp-glucose 4-epimerase
BMEI1238	1	1E+06	1287144	-	122.5	protein
BMEI1239	1	1E+06	1288332	-	55.6	permease
BMEI1240	1	1E+06	1289901	+	39.7	phosphoribosylformylglycinamide cyclo-ligase
BMEI1241	1	1E+06	1290515	+	44.5	phosphoribosylglycinamide formyltransferase
BMEI1242	1	1E+06	1291215	+	62.3	hypothetical membrane spanning protein
BMEI1243	1	1E+06	1293568	-	152.1	formate dehydrogenase alpha chain
BMEI1244	1	1E+06	1294491	-	154.7	transporter, dme family
BMEI1245	1	1E+06	1295519	+	153.2	florfenicol resistance protein
BMEI1246	1	1E+06	1296072	+	143.5	hypothetical cytosolic protein
BMEI1247	1	1E+06	1296774	+	163.0	ribonuclease precursor
BMEI1248	1	1E+06	1297428	+	151.2	glutathione s-transferase
BMEI1249	1	1E+06	1298166	-	153.3	precursor
BMEI1250	1	1E+06	1299323	+	163.7	3-oxoacyl-(acyl-carrier protein) reductase
BMEI1251	1	1E+06	1301380	+	89.4	excinuclease abc subunit c
BMEI1252	1	1E+06	1302083	+	162.8	cdp-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase
BMEI1253	1	1E+06	1302345	+	193.8	molybdopterin (mpt) converting factor, subunit 1
BMEI1254	1	1E+06	1302838	+	189.5	molybdopterin (mpt) converting factor, subunit 2
BMEI1255	1	1E+06	1303877	+	181.7	glycoprotein/polysaccharide metabolism
BMEI1256	1	1E+06	1304408	-	169.4	nucleoside diphosphate kinase
BMEI1257	1	1E+06	1305149	+	166.0	dinb protein
BMEI1258	1	1E+06	1307093	+	151.5	abc transporter ATP-binding protein
BMEI1259	1	1E+06	1307716	-	110.0	hypothetical membrane spanning protein
BMEI1260	1	1E+06	1308213	-	123.2	DNA polymerase iii, chi subunit
BMEI1261	1	1E+06	1309694	-	108.5	cytosol aminopeptidase
BMEI1262	1	1E+06	1311346	+	65.4	hypothetical membrane spanning protein
BMEI1263	1	1E+06	1312431	+	46.6	putative permeases
BMEI1264	1	1E+06	1314830	+	138.1	organic solvent tolerance protein survival protein sura precursor (peptidyl-prolyl cis-trans isomerase sura)
BMEI1265	1	1E+06	1316114	+	73.7	
BMEI1266	1	1E+06	1317210	+	68.8	pyridoxal phosphate biosynthetic protein pdxa
BMEI1267	1	1E+06	1318037	+	67.9	dimethyladenosine transferase
BMEI1268	1	1E+06	1319523	-	11.1	lysostaphin
BMEI1269	1	1E+06	1320915	-	2.1	chloramphenicol-sensitive protein rard
BMEI1270	1	1E+06	1322770	-	18.9	2-isopropylmalate synthase
BMEI1271	1	1E+06	1323057	-	29.4	2-isopropylmalate synthase
BMEI1272	1	1E+06	1324559	-	16.8	cysteinyl-tRNA synthetase
BMEI1273	1	1E+06	1324921	+	39.5	hypothetical protein
BMEI1274	1	1E+06	1325684	-	9.3	transporter, lyse family
BMEI1275	1	1E+06	1326518	-	3.5	hypothetical protein
BMEI1276	1	1E+06	1327047	+	32.4	phosphohydrolase (mutt/nudix family protein)
BMEI1277	1	1E+06	1327510	+	34.4	hypothetical cytosolic protein
BMEI1278	1	1E+06	1328266	-	134.5	hypothetical protein
BMEI1279	1	1E+06	1327933	+	57.4	hypothetical cytosolic protein
BMEI1280	1	1E+06	1328746	+	161.4	hypothetical cytosolic protein
BMEI1281	1	1E+06	1330231	-	141.4	dihydroorotase

BMEI1282	1	1E+06	1331078	+	115.7	aminomethyltransferase
BMEI1283	1	1E+06	1331698	+	118.0	hypothetical cytosolic protein
BMEI1284	1	1E+06	1332204	+	144.4	hypothetical protein-tyrosine phosphatase
BMEI1285	1	1E+06	1332925	-	167.3	DNA repair protein reco
BMEI1286	1	1E+06	1333887	-	146.2	gtp-binding protein era
BMEI1287	1	1E+06	1334769	-	138.8	ribonuclease iii
BMEI1288	1	1E+06	1335574	-	126.3	signal peptidase i
BMEI1289	1	1E+06	1336035	-	130.5	holo-[acyl-carrier protein] synthase
BMEI1290	1	1E+06	1336604	-	123.2	hypothetical membrane spanning protein
BMEI1291	1	1E+06	1337559	-	119.2	transcriptional regulator, arac family
BMEI1292	1	1E+06	1338959	+	128.0	fosmidomycin resistance protein
BMEI1293	1	1E+06	1340477	-	139.8	coproporphyrinogen iii oxidase, anaerobic 1
BMEI1294	1	1E+06	1341613	-	151.4	nitrogen fixation regulation protein fixk
BMEI1295	1	1E+06	1342351	-	151.6	orotate phosphoribosyltransferase guanosine-3',5'-bis(diphosphate) 3'- pyrophosphohydrolase
BMEI1296	1	1E+06	1344641	-	163.8	
BMEI1297	1	1E+06	1345253	-	138.1	DNA-directed RNA polymerase omega chain
BMEI1298	1	1E+06	1346225	+	143.0	hypothetical cytosolic protein
BMEI1299	1	1E+06	1346927	+	133.2	hypothetical cytosolic protein
BMEI1300	1	1E+06	1347540	-	156.8	small protein b
BMEI1301	1	1E+06	1348554	-	60.9	dihydrodipicolinate synthase
BMEI1302	1	1E+06	1351045	+	70.2	soluble lytic murein transglycosylase
BMEI1303	1	1E+06	1351473	-	107.1	hypothetical cytosolic protein
BMEI1304	1	1E+06	1352722	-	120.1	outer membrane porin f precursor
BMEI1305	1	1E+06	1353993	-	160.3	porin
BMEI1306	1	1E+06	1355899	+	204.4	porin
BMEI1307	1	1E+06	1357103	+	196.9	integrase
BMEI1308	1	1E+06	1358035	+	189.5	histidinol-phosphate aminotransferase
BMEI1309	1	1E+06	1358598	+	153.6	histidinol-phosphate aminotransferase
BMEI1310	1	1E+06	1358990	+	162.4	hypothetical membrane spanning protein
BMEI1311	1	1E+06	1359535	-	158.5	hypothetical protein
BMEI1312	1	1E+06	1361113	+	71.4	hypothetical membrane spanning protein
BMEI1313	1	1E+06	1361430	-	66.2	hypothetical cytosolic protein
BMEI1314	1	1E+06	1361939	+	74.0	hypothetical protein sn-glycerol-3-phosphate transport ATP-binding protein ugpc
BMEI1315	1	1E+06	1362283	+	86.2	
BMEI1316	1	1E+06	1363052	-	75.1	glutathione s-transferase
BMEI1317	1	1E+06	1363426	-	62.2	hypothetical protein
BMEI1318	1	1E+06	1365121	+	35.4	amp nucleosidase
BMEI1319	1	1E+06	1366242	+	4.8	hypothetical membrane spanning protein electron transfer flavoprotein-ubiquinone oxidoreductase precursor
BMEI1320	1	1E+06	1368048	-	126.6	
BMEI1321	1	1E+06	1369309	+	147.2	DNA polymerase, bacteriophage-type
BMEI1322	1	1E+06	1370727	+	164.7	transporter, mfs superfamily
BMEI1323	1	1E+06	1371691	-	163.7	transporter, dme family
BMEI1324	1	1E+06	1374568	+	141.4	membrane alanine aminopeptidase
BMEI1325	1	1E+06	1377310	+	73.6	sensory transduction protein kinase
BMEI1326	1	1E+06	1379692	+	144.8	lpsa protein
BMEI1327	1	1E+06	1382553	-	150.1	glutamate-ammonia-ligase adenyltransferase
BMEI1328	1	1E+06	1384214	-	1.9	sensory transduction histidine kinase
BMEI1329	1	1E+06	1384921	-	7.3	two component response regulator
BMEI1330	1	1E+06	1386556	-	9.5	protease do
BMEI1331	1	1E+06	1387174	-	16.6	precursor
BMEI1332	1	1E+06	1389162	-	92.8	cytochrome c-type biogenesis protein cyck
BMEI1333	1	1E+06	1389679	-	52.6	cytochrome c-type biogenesis protein
BMEI1334	1	1E+06	1390815	-	49.0	cytochrome c-type biogenesis protein cych
BMEI1335	1	1E+06	1391311	-	54.6	17 kd surface antigen precursor

BMEI1336	1	1E+06	1392772	-	92.7	sensor protein phoq
BMEI1337	1	1E+06	1393536	-	125.3	transcriptional regulatory protein phop
BMEI1338	1	1E+06	1393914	-	116.7	hypothetical exported protein
BMEI1339	1	1E+06	1394384	-	117.9	hypothetical protein
BMEI1340	1	1E+06	1395399	-	109.4	phage host specificity protein
BMEI1341	1	1E+06	1398118	-	151.5	phage host specificity protein
BMEI1342	1	1E+06	1398646	-	119.4	hypothetical phage protein
BMEI1343	1	1E+06	1399518	-	120.6	hypothetical phage protein
BMEI1344	1	1E+06	1400147	-	122.4	hypothetical phage protein
BMEI1345	1	1E+06	1400719	-	114.6	phage minor tail protein h
BMEI1346	1	1E+06	1401255	-	167.9	hypothetical phage protein
BMEI1347	1	1E+06	1401665	-	146.3	hypothetical phage protein
BMEI1348	1	1E+06	1402093	-	155.1	hypothetical phage protein
BMEI1349	1	1E+06	1403283	-	155.1	phage portal protein
BMEI1350	1	1E+06	1404607	-	152.2	phage DNA packaging protein
BMEI1351	1	1E+06	1407539	+	118.0	penicillin-binding protein 1a
BMEI1352	1	1E+06	1408157	+	73.5	hypothetical protein
BMEI1353	1	1E+06	1408692	+	93.3	hypothetical exported protein
BMEI1354	1	1E+06	1409948	+	74.8	hypothetical cytosolic protein
BMEI1355	1	1E+06	1410306	-	63.2	hypothetical cytosolic protein
BMEI1356	1	1E+06	1411219	-	158.3	peptidoglycan binding domain containing protein
BMEI1357	1	1E+06	1412570	-	168.9	histidine protein kinase divj
BMEI1358	1	1E+06	1413847	+	147.3	hypothetical cytosolic protein
BMEI1359	1	1E+06	1414352	+	161.5	assembly
BMEI1360	1	1E+06	1415709	-	143.4	glutamyl-tRNA(gln) amidotransferase subunit a
BMEI1361	1	1E+06	1416616	-	132.4	hypothetical cytosolic protein
BMEI1362	1	1E+06	1416969	-	142.1	chromosomal replication initiator protein dnaa
BMEI1363	1	1E+06	1417561	+	147.6	hypothetical cytosolic protein
BMEI1364	1	1E+06	1418254	-	170.3	transcriptional regulatory protein mucr
BMEI1365	1	1E+06	1420878	+	163.4	protease ii
BMEI1366	1	1E+06	1421331	+	166.6	hypothetical membrane spanning protein
BMEI1367	1	1E+06	1422234	-	150.1	superoxide dismutase (mn)
BMEI1368	1	1E+06	1423083	+	155.1	2-haloalkanoic acid dehalogenase i
BMEI1369	1	1E+06	1423996	+	161.9	protein ybis precursor
BMEI1370	1	1E+06	1425705	-	176.9	atpase
BMEI1371	1	1E+06	1426403	+	137.7	hypothetical protein
BMEI1372	1	1E+06	1427704	-	138.6	cyanate transport protein cynx
BMEI1373	1	1E+06	1428432	-	126.3	transcriptional regulator, gntr family
BMEI1374	1	1E+06	1429580	+	133.2	magnesium and cobalt transport protein cora
BMEI1375	1	1E+06	1429871	+	110.9	hypothetical protein
BMEI1376	1	1E+06	1430257	+	167.1	death on curing protein
BMEI1377	1	1E+06	1430724	-	168.5	transcription elongation factor greb
BMEI1378	1	1E+06	1431791	-	127.8	l-asparaginase ii
BMEI1379	1	1E+06	1432578	+	12.2	regulatory protein beti
BMEI1380	1	1E+06	1434263	+	18.8	choline dehydrogenase
BMEI1381	1	1E+06	1434229	+	20.7	choline dehydrogenase
BMEI1382	1	1E+06	1435878	+	14.7	betaine aldehyde dehydrogenase
BMEI1383	1	1E+06	1436986	+	14.1	transcriptional regulator, arac family
BMEI1384	1	1E+06	1437411	+	26.4	transcriptional regulator, arac family
BMEI1385	1	1E+06	1438704	+	143.3	laci-family transcription regulator
BMEI1386	1	1E+06	1440188	+	210.6	xylulose kinase
BMEI1387	1	1E+06	1441542	+	157.2	xylose isomerase
BMEI1388	1	1E+06	1442756	-	143.6	oxidoreductase
BMEI1389	1	1E+06	1443816	-	117.9	iole protein
BMEI1390	1	1E+06	1444800	-	115.8	d-ribose-binding periplasmic protein precursor
BMEI1391	1	1E+06	1445940	-	136.3	ribose transport system permease protein rbsc
BMEI1392	1	1E+06	1447505	-	147.8	ribose transport ATP-binding protein rbsa

BMEI1393	1	1E+06	1449297	-	180.4	mannosyltransferase c
BMEI1394	1	1E+06	1450519	-	157.3	mannose-6-phosphate isomerase
BMEI1395	1	1E+06	1451985	-	147.6	mannose-1-phosphate guanylyltransferase
BMEI1396	1	1E+06	1453429	-	183.8	phosphomannomutase
BMEI1397	1	1E+06	1453930	-	201.1	transposase
BMEI1398	1	1E+06	1454652	-	170.3	transposase
BMEI1399	1	1E+06	1454879	-	170.5	transposase
BMEI1400	1	1E+06	1454998	-	168.7	transposase
BMEI1401	1	1E+06	1455717	+	190.8	transposase
BMEI1402	1	1E+06	1456247	-	209.8	transposase
BMEI1403	1	1E+06	1456612	-	181.0	transposase
BMEI1404	1	1E+06	1457788	-	193.5	mannosyltransferase
BMEI1405	1	1E+06	1458158	-	215.1	transposase
BMEI1406	1	1E+06	1458552	-	99.3	transposase
BMEI1407	1	1E+06	1458917	-	24.0	transposase
BMEI1408	1	1E+06	1459397	-	171.1	transposase
BMEI1409	1	1E+06	1459780	-	178.4	transposase
BMEI1410	1	1E+06	1460184	-	150.1	transposase
BMEI1411	1	1E+06	1460411	-	157.9	transposase
BMEI1412	1	1E+06	1460530	-	157.2	transposase
BMEI1413	1	1E+06	1462137	+	211.7	gdp-mannose 4,6-dehydratase
BMEI1414	1	1E+06	1463248	+	181.3	perosamine synthetase
BMEI1415	1	1E+06	1464045	+	189.3	o-antigen export system permease protein rfbd
BMEI1416	1	1E+06	1464800	+	199.3	o-antigen export system ATP-binding protein rffb
BMEI1417	1	1E+06	1465651	+	185.8	perosamine synthetase wbkb
BMEI1418	1	1E+06	1466457	+	170.0	gdp-mannose 4,6-dehydratase / gdp-4-amino-4,6-dideoxy-d-mannose formyltransferase
BMEI1419	1	1E+06	1466729	-	164.4	hypothetical protein
BMEI1420	1	1E+06	1467656	-	171.7	transposase
BMEI1421	1	1E+06	1468115	-	187.2	transposase
BMEI1422	1	1E+06	1468471	-	154.2	transposase
BMEI1423	1	1E+06	1469181	-	157.1	transposase
BMEI1424	1	1E+06	1469665	-	160.2	transposase
BMEI1425	1	1E+06	1470058	+	158.1	hypothetical protein
BMEI1426	1	1E+06	1471331	+	186.1	putative undecaprenyl-phosphate alpha-n-acetylglucosaminyltransferase
BMEI1427	1	1E+06	1473186	-	153.5	udp-n-acetylglucosamine 4,6-dehydratase
BMEI1428	1	1E+06	1474559	-	76.7	ribonuclease iii
BMEI1429	1	1E+06	1475001	-	78.5	transthyretin-like protein precursor
BMEI1430	1	1E+06	1475507	-	65.9	ureidoglycolate hydrolase
BMEI1431	1	1E+06	1476242	-	66.0	bioy protein
BMEI1432	1	1E+06	1477348	+	42.5	hydroxyacylglutathione hydrolase
BMEI1433	1	1E+06	1478137	-	26.3	hypothetical protein
BMEI1434	1	1E+06	1478895	+	33.7	hypothetical protein
BMEI1435	1	1E+06	1479847	-	31.6	polysaccharide deacetylase
BMEI1436	1	1E+06	1482922	-	144.3	pyruvate,phosphate dikinase
BMEI1437	1	1E+06	1483398	+	138.3	putative hydroxylase
BMEI1438	1	1E+06	1484413	-	153.3	cobalt-zinc-cadmium resistance protein czed
BMEI1439	1	1E+06	1487888	-	189.6	chromosome segregation protein smc2
BMEI1440	1	1E+06	1488614	-	72.3	thiol:disulfide interchange protein dsba
BMEI1441	1	1E+06	1489379	-	83.6	hypothetical cytosolic protein
BMEI1442	1	1E+06	1490729	+	87.5	a/g-specific adenine glycosylase
BMEI1443	1	1E+06	1491343	+	78.1	2-haloalkanoic acid dehalogenase i
BMEI1444	1	1E+06	1492637	-	161.2	adenine-specific methyltransferase
BMEI1445	1	1E+06	1494602	+	176.4	chloride channel protein
BMEI1446	1	1E+06	1495436	+	4.7	phosphoglycolate phosphatase
BMEI1447	1	1E+06	1495663	-	43.8	hypothetical protein

BMEI1448	1	1E+06	1497372	-	28.2	c-di-gmp phosphodiesterase a-related protein
BMEI1449	1	1E+06	1498264	-	164.9	hypothetical protein
BMEI1450	1	1E+06	1500131	+	167.0	threonine synthase
BMEI1451	1	2E+06	1501477	+	159.3	zinc protease
BMEI1452	1	2E+06	1502268	+	145.2	ribosomal-protein-alanine acetyltransferase
BMEI1453	1	2E+06	1505159	+	161.6	(eal)
BMEI1454	1	2E+06	1505883	-	192.5	transcriptional regulator, algh
BMEI1455	1	2E+06	1506818	+	153.6	thio:disulfide interchange protein
BMEI1456	1	2E+06	1507483	+	160.4	thiol peroxidase
BMEI1457	1	2E+06	1507978	-	140.7	ribonuclease hi
BMEI1458	1	2E+06	1508955	-	138.7	homoserine kinase
BMEI1459	1	2E+06	1510079	-	138.4	lytb protein
BMEI1460	1	2E+06	1510859	-	177.6	surfeit locus protein 1
BMEI1461	1	2E+06	1511314	-	161.5	zinc-finger protein
BMEI1462	1	2E+06	1512297	-	182.3	cytochrome c oxidase polypeptide iii
BMEI1463	1	2E+06	1513153	-	164.0	cytochrome c oxidase assembly protein ctga
BMEI1464	1	2E+06	1514197	-	166.1	protoheme ix farnesyltransferase
BMEI1465	1	2E+06	1516083	-	189.4	cytochrome c oxidase polypeptide i
BMEI1466	1	2E+06	1517183	-	150.2	cytochrome c oxidase polypeptide ii
BMEI1467	1	2E+06	1518135	+	150.3	hypothetical protein
BMEI1468	1	2E+06	1519688	+	164.0	tldd protein
BMEI1469	1	2E+06	1520377	-	167.8	guanylate kinase
BMEI1470	1	2E+06	1521330	-	74.4	protein yicc
BMEI1471	1	2E+06	1522707	-	41.4	4-amino-4-deoxychorismate lyase
BMEI1472	1	2E+06	1522944	+	48.8	hypothetical protein
BMEI1473	1	2E+06	1524194	-	86.0	3-oxoacyl-(acyl-carrier-protein) synthase ii
BMEI1474	1	2E+06	1524514	-	164.7	hypothetical protein
BMEI1475	1	2E+06	1524754	-	164.2	acyl carrier protein
BMEI1476	1	2E+06	1524993	+	181.0	hypothetical protein
BMEI1477	1	2E+06	1525765	-	172.5	short-chain dehydrogenase
BMEI1478	1	2E+06	1526779	-	77.0	malonyl CoA-acyl carrier protein transacylase
BMEI1479	1	2E+06	1527160	+	76.2	hypothetical protein
BMEI1480	1	2E+06	1527631	+	78.2	ssu ribosomal protein s6p
BMEI1481	1	2E+06	1527882	+	71.1	ssu ribosomal protein s18p
BMEI1482	1	2E+06	1529004	+	129.3	hypothetical protein
BMEI1483	1	2E+06	1529603	+	174.5	lsu ribosomal protein 19p
BMEI1484	1	2E+06	1531258	+	160.4	cyclopropane-fatty-acyl-phospholipid synthase
BMEI1485	1	2E+06	1532962	+	148.4	replicative DNA helicase
BMEI1486	1	2E+06	1534393	+	198.8	DNA repair protein rada
BMEI1487	1	2E+06	1535097	+	160.3	colicin v production protein
BMEI1488	1	2E+06	1536869	+	164.8	amidophosphoribosyltransferase
BMEI1489	1	2E+06	1537678	+	156.9	short chain dehydrogenase
BMEI1490	1	2E+06	1538644	-	143.7	phosphatidyltransferase
BMEI1491	1	2E+06	1539302	-	167.5	phosphatidylserine decarboxylase proenzyme
BMEI1492	1	2E+06	1541293	-	167.1	heavy metal tolerance protein precursor
BMEI1493	1	2E+06	1542491	-	176.7	peptidoglycan binding protein (lysm domain)
BMEI1494	1	2E+06	1543238	-	148.0	hypothetical protein
BMEI1495	1	2E+06	1543994	+	153.0	lysine decarboxylase
BMEI1496	1	2E+06	1545345	-	171.8	tRNA (uracil-5-) -methyltransferase
BMEI1497	1	2E+06	1546103	-	185.2	hemolysin
BMEI1498	1	2E+06	1548040	-	125.9	1-deoxyxylulose-5-phosphate synthase
BMEI1499	1	2E+06	1549130	-	92.9	pirin
BMEI1500	1	2E+06	1549513	-	85.3	hypothetical protein
BMEI1501	1	2E+06	1550233	+	83.6	transglycosylase associated protein
BMEI1502	1	2E+06	1550993	+	86.9	alkaline phosphatase like protein
BMEI1503	1	2E+06	1551251	-	82.8	exodeoxyribonuclease vii small subunit
BMEI1504	1	2E+06	1552272	-	127.8	acetylspermidine deacetylase

BMEI1505	1	2E+06	1553540	-	130.2	gtp cyclohydrolase ii / 3,4-dihydroxy-2-butanone
BMEI1506	1	2E+06	1554770	-	171.1	4-phosphate synthase
BMEI1507	1	2E+06	1555295	+	167.1	chorismate synthase
BMEI1508	1	2E+06	1556117	-	151.5	hypothetical protein
BMEI1509	1	2E+06	1556406	-	175.8	putative lipoprotein
BMEI1510	1	2E+06	1557085	-	90.9	hypothetical protein
BMEI1511	1	2E+06	1557937	-	105.6	cold shock protein cspa
BMEI1512	1	2E+06	1558870	-	107.4	bisphosphatase
BMEI1513	1	2E+06	1559955	-	151.4	enoyl-(acyl-carrier-protein) reductase (NADH)
BMEI1514	1	2E+06	1560398	-	163.8	chaperone protein dnaj
BMEI1515	1	2E+06	1560306	-	165.0	hypothetical protein
BMEI1516	1	2E+06	1560641	+	159.4	17 kd common-antigen
BMEI1517	1	2E+06	1561454	+	167.5	hypothetical protein
BMEI1518	1	2E+06	1562495	-	160.6	probable pyridoxamine 5'-phosphate oxidase
BMEI1519	1	2E+06	1563923	+	28.1	4-hydroxybenzoate octaprenyltransferase
BMEI1520	1	2E+06	1565008	-	10.9	phosphoribosylamine-glycine ligase
BMEI1521	1	2E+06	1567182	+	0.7	response regulator protein
BMEI1522	1	2E+06	1567937	+	8.2	acyl-CoA dehydrogenase
BMEI1523	1	2E+06	1568643	-	115.8	dbi-related protein 1
BMEI1524	1	2E+06	1568848	+	128.3	hypothetical protein
BMEI1525	1	2E+06	1569217	+	131.7	hypothetical protein
BMEI1526	1	2E+06	1569531	+	123.4	hypothetical cytosolic protein
BMEI1527	1	2E+06	1570981	-	123.4	hypothetical cytosolic protein
BMEI1528	1	2E+06	1571978	-	124.8	glycolate oxidase subunit glcd
BMEI1529	1	2E+06	1574453	-	154.5	sua5 protein
BMEI1530	1	2E+06	1575400	-	175.8	glycyl-tRNA synthetase beta chain
BMEI1531	1	2E+06	1577309	-	146.0	glycyl-tRNA synthetase alpha chain
BMEI1532	1	2E+06	1578785	-	6.2	tetratricopeptide repeat family protein
BMEI1533	1	2E+06	1579209	+	36.4	farnesyl pyrophosphate synthetase /
BMEI1534	1	2E+06	1579988	+	2.3	geranyltranstransferase
BMEI1535	1	2E+06	1582488	+	112.3	hypothetical protein
BMEI1536	1	2E+06	1583140	+	145.2	methyltransferase
BMEI1537	1	2E+06	1584069	+	158.0	na(+)/h(+) antiporter 1 / protease iv
BMEI1538	1	2E+06	1584356	+	171.5	hypothetical protein
BMEI1539	1	2E+06	1584694	+	188.7	4-diphosphocytidyl-2-c-methyl-d-erythritol kinase
BMEI1540	1	2E+06	1585280	-	186.1	hypothetical protein
BMEI1541	1	2E+06	1586582	+	178.6	hypothetical protein
BMEI1542	1	2E+06	1587421	+	201.7	glycosyltransferase
BMEI1543	1	2E+06	1588023	-	152.0	transporter
BMEI1544	1	2E+06	1588576	-	141.3	ribonuclease hii
BMEI1545	1	2E+06	1589059	-	116.0	ATP synthase b chain
BMEI1546	1	2E+06	1589960	-	176.8	ATP synthase b' chain
BMEI1547	1	2E+06	1590382	-	130.2	ATP synthase c chain
BMEI1548	1	2E+06	1591831	-	114.5	ATP synthase a chain
BMEI1549	1	2E+06	1593695	-	154.3	ATP synthase
BMEI1550	1	2E+06	1595305	-	131.1	spore-cortex-lytic enzyme prepeptide precursor
BMEI1551	1	2E+06	1595998	-	35.8	dnak protein
BMEI1552	1	2E+06	1597242	+	11.7	gtp-binding protein
BMEI1553	1	2E+06	1598528	-	12.0	hypothetical membrane associated protein
BMEI1554	1	2E+06	1599061	-	30.9	hypothetical exported protein
BMEI1555	1	2E+06	1599861	-	16.4	bacteroid development protein baca
BMEI1556	1	2E+06	1601137	-	70.9	transporter, mfs superfamily
BMEI1557	1	2E+06	1601825	-	110.2	transporter, mfs superfamily
BMEI1558	1	2E+06	1603092	-	93.7	integral membrane protein
						arsenate reductase
						ada regulatory protein / o-6-methylguanine-DNA-
						alkyltransferase

BMEI1559	1	2E+06	1603893	+	98.8	salicylaldehyde dehydrogenase
BMEI1560	1	2E+06	1604735	+	53.7	salicylaldehyde dehydrogenase
BMEI1561	1	2E+06	1605377	-	38.4	outer membrane protein
BMEI1562	1	2E+06	1605830	-	37.8	hypothetical protein
BMEI1563	1	2E+06	1606287	+	40.8	ferric uptake regulation protein
BMEI1564	1	2E+06	1608130	+	151.7	bacteroid
BMEI1565	1	2E+06	1608876	+	152.7	cytochrome c oxidase, monoheme subunit, membrane-bound
BMEI1566	1	2E+06	1609905	+	23.5	cytochrome c oxidase, diheme subunit, membrane- bound
BMEI1567	1	2E+06	1611615	+	21.1	nitrogen fixation protein fixg
BMEI1568	1	2E+06	1612112	+	23.1	nitrogen fixation protein fixh
BMEI1569	1	2E+06	1614367	+	107.2	nitrogen fixation protein fixi (e1-e2 type cation atpase fixi)
BMEI1570	1	2E+06	1615714	-	101.6	putative hydroxypyruvate reductase
BMEI1571	1	2E+06	1617038	-	4.7	guanine deaminase
BMEI1572	1	2E+06	1618288	-	11.3	hypothetical membrane spanning protein
BMEI1573	1	2E+06	1619371	+	4.3	transcriptional regulatory protein, lysr family xdhc protein (assists in molybdopterin insertion into xanthine dehydrogenase)
BMEI1574	1	2E+06	1620324	-	0.8	
BMEI1575	1	2E+06	1622674	-	28.3	xanthine dehydrogenase
BMEI1576	1	2E+06	1624246	-	22.1	xanthine dehydrogenase
BMEI1577	1	2E+06	1626140	+	35.8	chitooligosaccharide deacetylase
BMEI1578	1	2E+06	1626971	+	28.4	glyoxylate induced protein
BMEI1579	1	2E+06	1628152	-	38.2	periplasmic mannitol-binding protein
BMEI1580	1	2E+06	1629827	-	110.4	mannitol transporter, large subunit
BMEI1581	1	2E+06	1630353	-	157.5	tripartite transporter, small subunit
BMEI1582	1	2E+06	1631282	-	146.6	two-component response regulator
BMEI1583	1	2E+06	1632598	-	143.0	sensory transduction protein kinase
BMEI1584	1	2E+06	1633415	+	47.6	invasion protein b
BMEI1585	1	2E+06	1634876	-	30.9	na ⁺ driven multidrug efflux pump
BMEI1586	1	2E+06	1636357	+	37.1	proline racemase
BMEI1587	1	2E+06	1636597	+	49.2	hypothetical protein
BMEI1588	1	2E+06	1637854	-	126.8	carboxynorspermidine dehydrogenase
BMEI1589	1	2E+06	1639132	-	140.2	carboxynorspermidine decarboxylase
BMEI1590	1	2E+06	1639632	+	133.9	hypothetical protein
BMEI1591	1	2E+06	1640712	+	157.2	ferredoxin-nadp reductase
BMEI1592	1	2E+06	1641736	-	146.2	hydroxymethyltransferase
BMEI1593	1	2E+06	1642619	-	171.9	pantoate-beta-alanine ligase
BMEI1594	1	2E+06	1643914	-	90.7	hypothetical protein
BMEI1595	1	2E+06	1644371	-	91.1	hypothetical protein
BMEI1596	1	2E+06	1645201	-	75.0	murein hydrolase export regulator
BMEI1597	1	2E+06	1645541	-	74.0	murein hydrolase exporter
BMEI1598	1	2E+06	1646619	+	143.6	transcriptional regulatory protein, lysr family
BMEI1599	1	2E+06	1646895	+	189.0	hypothetical protein
BMEI1600	1	2E+06	1647343	+	176.3	urease operon 23 kDa accessory protein
BMEI1601	1	2E+06	1647597	+	184.2	hypothetical protein
BMEI1602	1	2E+06	1648509	+	176.9	glycosyltransferase
BMEI1603	1	2E+06	1649219	+	180.4	polysaccharide deacetylase
BMEI1604	1	2E+06	1650642	+	192.5	5-aminolevulinic acid synthase
BMEI1605	1	2E+06	1651152	-	97.3	large conductance mechanosensitive channel
BMEI1606	1	2E+06	1655573	+	141.5	sensory transduction histidine kinase
BMEI1607	1	2E+06	1655845	-	159.2	glycerol metabolism activator
BMEI1608	1	2E+06	1657025	+	179.8	proline iminopeptidase
BMEI1609	1	2E+06	1657490	-	32.3	hypothetical protein
BMEI1610	1	2E+06	1658178	+	25.2	hypothetical cytosolic protein
BMEI1611	1	2E+06	1659269	+	5.3	dihydroorotate dehydrogenase

BMEI1612	1	2E+06	1660626	-	0.8	na+ driven multidrug efflux pump
BMEI1613	1	2E+06	1661232	-	20.3	hypothetical protein
BMEI1614	1	2E+06	1661598	-	33.4	hypothetical protein
BMEI1615	1	2E+06	1662692	-	2.7	transcriptional regulator, arac family
BMEI1616	1	2E+06	1663883	-	5.3	deoxycytidine triphosphate deaminase
BMEI1617	1	2E+06	1665506	+	147.5	o-succinylhomoserine sulfhydrylase
BMEI1618	1	2E+06	1666267	+	154.8	apag protein
BMEI1619	1	2E+06	1667330	-	167.9	hsp33 (redox regulated chaperone)
BMEI1620	1	2E+06	1668270	-	190.4	ornithine carbamoyltransferase
BMEI1621	1	2E+06	1669486	-	93.9	acetylornithine aminotransferase
BMEI1622	1	2E+06	1669918	+	70.2	hypothetical protein
BMEI1623	1	2E+06	1670632	+	60.5	hypothetical protein
BMEI1624	1	2E+06	1672000	-	89.4	phosphate regulon sensor protein phor
BMEI1625	1	2E+06	1673174	+	82.1	udp-galactose-lipid carrier transferase
BMEI1626	1	2E+06	1674706	-	37.8	n-acetylglucosaminyltransferase
BMEI1627	1	2E+06	1676105	+	124.0	arginine-binding periplasmic protein
BMEI1628	1	2E+06	1676413	-	164.3	hypothetical protein
BMEI1629	1	2E+06	1679968	-	157.5	acriflavin resistance plasma membrane protein
BMEI1630	1	2E+06	1681152	-	150.2	acriflavin resistance protein a precursor
BMEI1631	1	2E+06	1681960	+	148.5	transcriptional regulator, tetr family
BMEI1632	1	2E+06	1684056	+	122.2	long-chain-fatty-acid-CoA ligase
BMEI1633	1	2E+06	1684952	+	45.2	hydrolases of the alpha/beta superfamily
BMEI1634	1	2E+06	1685671	-	48.9	phosphoglycolate phosphatase
BMEI1635	1	2E+06	1686732	-	63.7	arginine/ornithine transport operon protein aot
BMEI1636	1	2E+06	1688617	-	128.1	glucose-6-phosphate isomerase / glucose-6-phosphate 1-epimerase
BMEI1637	1	2E+06	1689220	+	44.0	coxg protein
BMEI1638	1	2E+06	1690904	+	42.4	glutamate synthase (nadph) small chain
BMEI1639	1	2E+06	1692218	+	51.9	dihydropyrimidine dehydrogenase (nadp+)
BMEI1640	1	2E+06	1692652	-	42.2	phosphohydrolase (mutt/nudix family protein)
BMEI1641	1	2E+06	1693101	-	156.2	transcriptional regulator, tetr family
BMEI1642	1	2E+06	1693332	-	184.9	transcriptional regulator, tetr family
BMEI1643	1	2E+06	1694798	+	162.9	n-carbamoyl-l-amino acid amidohydrolase
BMEI1644	1	2E+06	1696319	+	150.3	d-hydantoinase
BMEI1645	1	2E+06	1699573	-	154.4	acriflavin resistance protein b
BMEI1646	1	2E+06	1700739	-	122.7	acriflavin resistance protein e
BMEI1647	1	2E+06	1701007	+	117.6	hypothetical protein
BMEI1648	1	2E+06	1702649	+	139.5	sensory transduction protein kinase
BMEI1649	1	2E+06	1703632	-	155.7	urease accessory protein ureg
BMEI1650	1	2E+06	1704315	-	159.1	urease accessory protein uref
BMEI1651	1	2E+06	1704802	-	184.8	urease accessory protein uree
BMEI1652	1	2E+06	1706530	-	93.5	urease alpha subunit
BMEI1653	1	2E+06	1706854	-	65.2	urease beta subunit
BMEI1654	1	2E+06	1707272	-	85.3	urease gamma subunit
BMEI1655	1	2E+06	1708280	-	100.6	urease accessory protein ured
BMEI1656	1	2E+06	1709302	-	217.7	hypothetical protein
BMEI1657	1	2E+06	1709646	+	206.0	hypothetical protein
BMEI1658	1	2E+06	1710044	+	215.9	hypothetical protein
BMEI1659	1	2E+06	1710902	+	35.7	hypothetical protein
BMEI1660	1	2E+06	1712690	-	13.3	hypothetical protein
BMEI1661	1	2E+06	1713834	-	148.7	recombinase
BMEI1662	1	2E+06	1714251	+	167.5	hypothetical protein
BMEI1663	1	2E+06	1714905	-	203.4	antirepressor protein ant
BMEI1664	1	2E+06	1716766	-	204.6	hypothetical cytosolic protein
BMEI1665	1	2E+06	1717305	-	107.3	hypothetical protein
BMEI1666	1	2E+06	1718760	+	98.1	carboxyvinyltransferase
BMEI1667	1	2E+06	1719471	+	81.9	hypothetical cytosolic protein

BMEI1668	1	2E+06	1720838	+	144.7	histidinol dehydrogenase
BMEI1669	1	2E+06	1721327	+	77.8	hypothetical cytosolic protein
BMEI1670	1	2E+06	1721807	+	87.8	arsenate reductase
BMEI1671	1	2E+06	1722137	+	81.3	1)
BMEI1672	1	2E+06	1722797	+	73.5	maf protein
BMEI1673	1	2E+06	1723022	+	75.2	non-essential pilus assembly protein
BMEI1674	1	2E+06	1724829	+	199.0	hypothetical protein
BMEI1675	1	2E+06	1725186	-	193.5	hypothetical protein
BMEI1676	1	2E+06	1726137	-	185.8	hypothetical protein
BMEI1677	1	2E+06	1726872	-	193.6	hypothetical protein
BMEI1678	1	2E+06	1727234	-	202.8	hypothetical protein
BMEI1679	1	2E+06	1727545	-	179.5	hypothetical protein
BMEI1680	1	2E+06	1727868	+	205.7	hypothetical protein
BMEI1681	1	2E+06	1728408	+	136.5	hypothetical protein
BMEI1682	1	2E+06	1728890	+	172.8	hypothetical protein
BMEI1683	1	2E+06	1729823	-	172.1	zinc-dependent metallopeptidase
BMEI1684	1	2E+06	1730009	+	199.1	hypothetical protein
BMEI1685	1	2E+06	1730586	+	157.2	hypothetical protein
BMEI1686	1	2E+06	1731023	-	205.9	hypothetical protein
BMEI1687	1	2E+06	1731293	-	209.9	hypothetical protein
BMEI1688	1	2E+06	1731880	-	184.5	hypothetical protein
BMEI1689	1	2E+06	1732350	-	145.4	hypothetical protein
BMEI1690	1	2E+06	1732697	-	197.1	hypothetical protein
BMEI1691	1	2E+06	1734790	-	191.7	hypothetical membrane spanning protein
BMEI1692	1	2E+06	1736856	-	171.4	flagellar protein flgJ
BMEI1693	1	2E+06	1737266	-	150.7	hypothetical protein
BMEI1694	1	2E+06	1738384	-	162.7	hypothetical protein
BMEI1695	1	2E+06	1739155	-	157.4	hypothetical protein
BMEI1696	1	2E+06	1740654	-	199.3	hypothetical membrane spanning protein
BMEI1697	1	2E+06	1741532	-	181.2	virulence-associated protein e
BMEI1698	1	2E+06	1741843	-	190.2	hypothetical protein
BMEI1699	1	2E+06	1742049	-	200.1	hypothetical protein
BMEI1700	1	2E+06	1742268	-	200.5	hypothetical protein
BMEI1701	1	2E+06	1742641	+	179.2	hypothetical protein
BMEI1702	1	2E+06	1743975	-	172.2	transposase
BMEI1703	1	2E+06	1744464	+	171.1	hypothetical protein
BMEI1704	1	2E+06	1744948	-	150.4	hypothetical protein
BMEI1705	1	2E+06	1745131	+	124.9	hypothetical protein
BMEI1706	1	2E+06	1745717	+	156.7	hypothetical protein
BMEI1707	1	2E+06	1747393	-	50.0	mandelate racemase 2-hydroxyhepta-2,4-diene-1,7-dioate isomerase / 5-carboxymethyl-2-oxo-hex-3-ene-1,7-dioate
BMEI1708	1	2E+06	1748312	-	41.2	decarboxylase
BMEI1709	1	2E+06	1749027	-	37.8	oxidoreductase ucpa
BMEI1710	1	2E+06	1750211	-	72.4	oxidoreductase
BMEI1711	1	2E+06	1750548	-	117.4	hypothetical protein
BMEI1712	1	2E+06	1751663	-	128.3	mandelate racemase maltose/maltodextrin transport ATP-binding protein malk
BMEI1713	1	2E+06	1752757	-	103.7	protein malk
BMEI1714	1	2E+06	1753649	-	114.6	maltose transport system permease protein malg
BMEI1715	1	2E+06	1754566	-	119.3	maltose transport system permease protein malf
BMEI1716	1	2E+06	1755898	-	136.9	trehalose/maltose binding protein
BMEI1717	1	2E+06	1756898	+	142.2	transcriptional regulator, iclr family
BMEI1718	1	2E+06	1757804	+	46.3	purine/pyrimidine phosphoribosyl transferase
BMEI1719	1	2E+06	1758411	-	45.9	sarcosine oxidase gamma subunit
BMEI1720	1	2E+06	1761424	-	170.4	sarcosine oxidase alpha subunit
BMEI1721	1	2E+06	1761726	-	120.6	sarcosine oxidase delta subunit

BMEI1722	1	2E+06	1763004	-	118.1	sarcosine oxidase beta subunit
BMEI1723	1	2E+06	1764590	+	112.2	nADP-specific glutamate dehydrogenase
BMEI1724	1	2E+06	1765544	+	161.2	hypothetical protein
BMEI1725	1	2E+06	1766644	+	160.4	glycine betaine-binding protein precursor glycine betaine/l-proline transport system
BMEI1726	1	2E+06	1767877	+	139.6	permease protein prow glycine betaine/l-proline transport ATP-binding
BMEI1727	1	2E+06	1768812	+	127.2	protein prov glycine betaine/l-proline transport system
BMEI1728	1	2E+06	1769555	+	118.4	permease protein prow
BMEI1729	1	2E+06	1769936	+	91.3	mercuric resistance operon regulatory protein
BMEI1730	1	2E+06	1772396	-	89.2	copper-transporting atpase
BMEI1731	1	2E+06	1774624	-	162.4	(eal) phosphomethylpyrimidine kinase / hydroxymethylpyrimidine kinase
BMEI1732	1	2E+06	1775910	+	190.6	hydroxymethylpyrimidine kinase
BMEI1733	1	2E+06	1776914	+	157.7	thiamine biosynthesis oxidoreductase thio
BMEI1734	1	2E+06	1777108	+	145.8	hypothetical protein
BMEI1735	1	2E+06	1777880	+	147.4	thig protein
BMEI1736	1	2E+06	1778488	+	140.9	thiamin-phosphate pyrophosphorylase
BMEI1737	1	2E+06	1779480	+	189.0	thiamine-binding protein
BMEI1738	1	2E+06	1780175	+	210.0	transcriptional activator tena
BMEI1739	1	2E+06	1780807	+	168.2	thiamine transport system permease protein thip
BMEI1740	1	2E+06	1782425	-	105.1	aldehyde dehydrogenase
BMEI1741	1	2E+06	1782928	-	97.8	hypothetical protein
BMEI1742	1	2E+06	1784227	+	93.7	abc transporter ATP-binding protein
BMEI1743	1	2E+06	1784844	+	94.2	abc transporter ATP-binding protein
BMEI1744	1	2E+06	1785958	-	73.3	glucose-resistance amylase regulator
BMEI1745	1	2E+06	1786391	-	97.3	hypothetical protein
BMEI1746	1	2E+06	1787564	-	164.6	alcohol dehydrogenase
BMEI1747	1	2E+06	1789466	-	172.9	aldehyde dehydrogenase
BMEI1748	1	2E+06	1790694	-	170.2	transcriptional regulator
BMEI1749	1	2E+06	1792337	-	177.9	glycerol-3-phosphate dehydrogenase
BMEI1750	1	2E+06	1793246	-	148.8	glycerol-3-phosphate regulon repressor
BMEI1751	1	2E+06	1794197	-	150.7	two component response regulator
BMEI1752	1	2E+06	1795246	+	188.0	transcription regulator, crp family
BMEI1753	1	2E+06	1796353	-	162.1	cysq protein
BMEI1754	1	2E+06	1798290	-	106.8	sulfate adenylyltransferase / adenylylsulfate kinase
BMEI1755	1	2E+06	1799192	-	130.9	sulfate adenylyltransferase subunit 2
BMEI1756	1	2E+06	1799616	+	130.1	hypothetical protein
BMEI1757	1	2E+06	1800965	-	132.1	omega-amino acid-pyruvate aminotransferase
BMEI1758	1	2E+06	1801796	-	137.1	transcriptional activator, luxr family 5-methyltetrahydrofolate--homocysteine methyltransferase
BMEI1759	1	2E+06	1805893	-	153.0	methyltransferase
BMEI1760	1	2E+06	1806596	+	148.3	hypothetical protein
BMEI1761	1	2E+06	1806861	-	134.5	hypothetical protein
BMEI1762	1	2E+06	1807730	+	137.5	o-6-methylguanine-DNA-alkyltransferase
BMEI1763	1	2E+06	1808024	-	145.2	hypothetical protein
BMEI1764	1	2E+06	1808616	-	139.8	oxidoreductase
BMEI1765	1	2E+06	1809427	-	77.5	phosphoadenosine phosphosulfate reductase
BMEI1766	1	2E+06	1811091	-	11.4	sulfite reductase (ferredoxin)
BMEI1767	1	2E+06	1811429	-	28.3	hypothetical protein uroporphyrin-iii c-methyltransferase / precorrin-2
BMEI1768	1	2E+06	1812859	-	14.0	oxidase / ferrochelataase
BMEI1769	1	2E+06	1813465	-	24.1	endonuclease
BMEI1770	1	2E+06	1814373	-	0.0	methyltransferase
BMEI1771	1	2E+06	1815599	-	6.0	oxidase
BMEI1772	1	2E+06	1816270	-	7.6	nucleoside-triphosphatase

BMEI1773	1	2E+06	1816482	-	38.7	lactoylglutathione lyase, putative
BMEI1774	1	2E+06	1816709	-	40.1	lactoylglutathione lyase, putative
BMEI1775	1	2E+06	1817554	-	197.3	ribonuclease ph
BMEI1776	1	2E+06	1818846	+	165.8	heat-inducible transcription repressor hrca
BMEI1777	1	2E+06	1819632	+	33.8	grpe protein
BMEI1778	1	2E+06	1820421	+	38.6	transporter
BMEI1779	1	2E+06	1821432	-	37.2	fructokinase
BMEI1780	1	2E+06	1821695	+	66.4	hypothetical protein
BMEI1781	1	2E+06	1822405	+	159.1	hypothetical membrane spanning protein
BMEI1782	1	2E+06	1823192	-	148.8	endonuclease iii
BMEI1783	1	2E+06	1823794	+	84.7	hypothetical membrane spanning protein
BMEI1784	1	2E+06	1824488	+	76.5	small heat shock protein hspa
BMEI1785	1	2E+06	1824839	+	72.5	hypothetical protein
BMEI1786	1	2E+06	1825384	-	71.2	nitrogen regulatory iia protein
						putative sigma54 modulation protein / ssu
BMEI1787	1	2E+06	1826080	-	71.7	ribosomal protein s30p
BMEI1788	1	2E+06	1826684	+	116.9	hypothetical protein
BMEI1789	1	2E+06	1828395	-	120.6	RNA polymerase sigma-54 factor rpon
BMEI1790	1	2E+06	1829461	-	171.0	abc transporter ATP-binding protein
BMEI1791	1	2E+06	1829991	-	175.3	hypothetical periplasmic protein
BMEI1792	1	2E+06	1831064	-	151.3	hypothetical protein
BMEI1793	1	2E+06	1832578	+	22.3	putative protease iv
BMEI1794	1	2E+06	1832909	+	29.4	integration host factor beta-subunit
BMEI1795	1	2E+06	1833242	+	31.2	hypothetical protein
BMEI1796	1	2E+06	1834044	+	6.0	methyltransferase
BMEI1797	1	2E+06	1834499	+	21.7	methyltransferase
BMEI1798	1	2E+06	1835389	+	8.2	23S ribosomal RNA methyltransferase
BMEI1799	1	2E+06	1835873	+	17.4	lipoprotein signal peptidase
BMEI1800	1	2E+06	1837040	+	178.3	hypothetical cytosolic protein
BMEI1801	1	2E+06	1840093	-	155.0	DNA mismatch repair protein muts
BMEI1802	1	2E+06	1841635	+	128.6	nADP-dependent malic enzyme
BMEI1803	1	2E+06	1842528	+	50.3	nADP-dependent malic enzyme
BMEI1804	1	2E+06	1845475	+	15.1	[protein-pii] uridylyltransferase
BMEI1805	1	2E+06	1847078	+	5.9	virulence factor mvin
BMEI1806	1	2E+06	1848242	+	35.1	tryptophanyl-tRNA synthetase
BMEI1807	1	2E+06	1848788	+	80.8	hypothetical cytosolic protein
BMEI1808	1	2E+06	1849469	+	118.0	nifu protein
BMEI1809	1	2E+06	1850179	-	130.5	protein ybis precursor
BMEI1810	1	2E+06	1850943	+	103.4	hypothetical protein
BMEI1811	1	2E+06	1851512	-	167.1	acid tolerance regulatory protein actr
BMEI1812	1	2E+06	1851675	+	166.2	hypothetical protein
BMEI1813	1	2E+06	1852046	-	198.0	hypothetical protein
BMEI1814	1	2E+06	1852504	-	266.6	transposase
BMEI1815	1	2E+06	1852869	-	238.7	transposase
BMEI1816	1	2E+06	1854162	-	76.5	sensory transduction protein kinase acts
BMEI1817	1	2E+06	1855162	-	80.1	ATP-dependent helicase hrpb
BMEI1818	1	2E+06	1857056	-	111.6	ATP-dependent helicase hrpb
BMEI1819	1	2E+06	1858338	+	176.1	dehydrogenase
BMEI1820	1	2E+06	1858754	+	193.4	acetyltransferase
BMEI1821	1	2E+06	1859462	+	184.4	hypothetical protein
BMEI1822	1	2E+06	1860306	+	171.0	s-formylglutathione hydrolase
BMEI1823	1	2E+06	1863066	+	144.4	DNA gyrase subunit b
BMEI1824	1	2E+06	1865042	-	137.0	ATP-dependent RNA helicase dead
BMEI1825	1	2E+06	1868168	-	133.1	DNA polymerase i
BMEI1826	1	2E+06	1868450	-	96.8	hypothetical protein
BMEI1827	1	2E+06	1870096	+	140.2	n-acyl-l-amino acid amidohydrolase
BMEI1828	1	2E+06	1870752	+	148.0	ribonuclease d

BMEI1829	1	2E+06	1871670	+	149.4	precursor
BMEI1830	1	2E+06	1872629	+	129.6	precursor
BMEI1831	1	2E+06	1875126	+	67.7	penicillin-binding protein 1a
BMEI1832	1	2E+06	1876053	+	59.3	fixr protein
BMEI1833	1	2E+06	1877070	+	73.7	fructokinase
						ubiquinone/menaquinone biosynthesis
BMEI1834	1	2E+06	1877881	+	63.9	methyltransferase ubie
BMEI1835	1	2E+06	1878821	+	27.5	n-methyl-d-aspartate receptor
BMEI1836	1	2E+06	1880167	-	24.0	nicotinate phosphoribosyltransferase
BMEI1837	1	2E+06	1888860	-	159.2	cellobiose-phosphorylase
BMEI1838	1	2E+06	1890460	-	76.4	sulfate transport ATP-binding protein cysa
BMEI1839	1	2E+06	1891160	-	44.3	sulfate transport system permease protein cysw
BMEI1840	1	2E+06	1892145	-	41.8	sulfate transport system permease protein cyst
BMEI1841	1	2E+06	1893223	-	50.9	sulfate-binding protein precursor
BMEI1842	1	2E+06	1894337	-	170.9	putative membrane protein
BMEI1843	1	2E+06	1895141	+	172.1	hypothetical protein
BMEI1844	1	2E+06	1895631	-	176.3	hypothetical protein
BMEI1845	1	2E+06	1896520	+	123.8	transcriptional regulatory protein, asnc family
BMEI1846	1	2E+06	1897071	+	141.2	exsf protein
BMEI1847	1	2E+06	1897529	+	138.6	hypothetical protein
BMEI1848	1	2E+06	1899755	+	124.8	dihydroxy-acid dehydratase
BMEI1849	1	2E+06	1900615	-	137.1	thiol:disulfide interchange protein cycy precursor
BMEI1850	1	2E+06	1900785	-	82.4	heme exporter protein d
BMEI1851	1	2E+06	1901570	-	52.4	heme exporter protein c
BMEI1852	1	2E+06	1902290	-	52.9	heme exporter protein b
BMEI1853	1	2E+06	1902958	-	40.9	heme exporter protein a
BMEI1854	1	2E+06	1903312	-	65.8	hypothetical protein
BMEI1855	1	2E+06	1905968	+	84.4	aconitate hydratase
BMEI1856	1	2E+06	1906979	+	113.5	hypothetical exported protein
BMEI1857	1	2E+06	1907930	+	108.5	hypothetical cytosolic protein
BMEI1858	1	2E+06	1908489	-	112.0	phosphinothricin n-acetyltransferase
BMEI1859	1	2E+06	1909341	-	164.0	integral membrane protein
BMEI1860	1	2E+06	1912127	-	180.4	hypothetical transmembrane oxidoreductase
BMEI1861	1	2E+06	1913723	+	122.7	arylesterase precursor
BMEI1862	1	2E+06	1914494	+	71.6	2'-5' RNA ligase
						low molecular weight phosphotyrosine protein
BMEI1863	1	2E+06	1915009	-	57.4	phosphatase
BMEI1864	1	2E+06	1915529	+	67.0	pterin-4-alpha-carbinolamine dehydratase
BMEI1865	1	2E+06	1916000	+	72.0	hypothetical protein
BMEI1866	1	2E+06	1916919	+	68.0	hypothetical protein
BMEI1867	1	2E+06	1918414	+	160.3	florfenicol resistance protein
BMEI1868	1	2E+06	1918951	+	134.6	hypothetical protein
BMEI1869	1	2E+06	1919704	-	149.4	homoserine/homoserine lactone efflux protein
BMEI1870	1	2E+06	1921021	+	154.0	argininosuccinate synthase
BMEI1871	1	2E+06	1921837	-	165.8	hypothetical protein
BMEI1872	1	2E+06	1922954	-	145.4	cell surface protein
BMEI1873	1	2E+06	1924407	-	4.2	cell surface protein
BMEI1874	1	2E+06	1925801	+	1.6	hypothetical protein
BMEI1875	1	2E+06	1927278	+	20.5	hypothetical cytosolic protein
BMEI1876	1	2E+06	1930511	+	26.1	DNA polymerase iii, alpha chain
BMEI1877	1	2E+06	1931308	-	153.1	hemolysin iii
BMEI1878	1	2E+06	1932011	-	160.3	soluble lytic murein transglycosylase
BMEI1879	1	2E+06	1932557	-	142.0	hypothetical cytosolic protein
BMEI1880	1	2E+06	1932932	-	195.0	hypothetical membrane spanning protein
BMEI1881	1	2E+06	1933167	-	202.4	hypothetical protein
BMEI1882	1	2E+06	1933900	-	143.6	fumarylpyruvate hydrolase
BMEI1883	1	2E+06	1934641	-	150.8	pantothenate kinase

BMEI1884	1	2E+06	1935694	-	146.2	dienelactone hydrolase and related enzymes
BMEI1885	1	2E+06	1936712	+	150.2	transcriptional regulatory protein, lysr family
BMEI1886	1	2E+06	1938559	+	171.9	phosphoglucomutase
BMEI1887	1	2E+06	1939924	-	9.6	mrp protein
BMEI1888	1	2E+06	1940495	+	22.0	lactoylglutathione lyase
BMEI1889	1	2E+06	1941146	+	25.5	hypothetical protein
BMEI1890	1	2E+06	1942285	+	4.9	transporter
BMEI1891	1	2E+06	1942502	+	41.7	hypothetical protein
BMEI1892	1	2E+06	1943342	+	22.7	hypothetical cytosolic protein (cysteine-rich)
BMEI1893	1	2E+06	1944289	-	104.8	protein ybis precursor
BMEI1894	1	2E+06	1949203	-	93.3	gramicidin s biosynthesis grst protein
BMEI1895	1	2E+06	1951155	-	26.3	outer membrane protein
BMEI1896	1	2E+06	1952203	-	210.7	hypothetical membrane spanning protein
BMEI1897	1	2E+06	1952807	+	230.3	hypothetical protein
BMEI1898	1	2E+06	1953284	-	170.7	cyod
BMEI1899	1	2E+06	1953832	-	189.2	cytochrome o ubiquinol oxidase subunit iii
BMEI1900	1	2E+06	1955815	-	173.2	cytochrome o ubiquinol oxidase subunit i
BMEI1901	1	2E+06	1956929	-	88.2	cytochrome o ubiquinol oxidase subunit ii
BMEI1902	1	2E+06	1958412	+	83.4	molybdopterin biosynthesis enzyme
BMEI1903	1	2E+06	1959065	-	157.8	cytochrome c-552
BMEI1904	1	2E+06	1960198	+	169.5	3-deoxy-manno-octulosonate cytidyltransferase
BMEI1905	1	2E+06	1961150	+	165.1	prephenate dehydratase
BMEI1906	1	2E+06	1962067	-	103.2	phosphohydrolase (mutt/nudix family protein)
BMEI1907	1	2E+06	1962530	-	106.7	hit1 protein
BMEI1908	1	2E+06	1964620	+	116.1	DNA polymerase iii subunits gamma and tau
BMEI1909	1	2E+06	1964968	+	143.4	hypothetical transcriptional regulatory protein
BMEI1910	1	2E+06	1965704	+	151.9	recombination protein recr
BMEI1911	1	2E+06	1967003	+	169.5	membrane-bound lytic murein transglycosylase b
BMEI1912	1	2E+06	1967608	+	181.7	sugar transporter
BMEI1913	1	2E+06	1968508	-	149.2	transcriptional regulatory protein, lysr family
BMEI1914	1	2E+06	1969634	+	161.7	hypothetical membrane spanning protein
BMEI1915	1	2E+06	1971752	-	173.4	ssu ribosomal protein s1p
BMEI1916	1	2E+06	1972627	-	198.1	cytidylate kinase
BMEI1917	1	2E+06	1974066	-	168.5	3-phosphoshikimate 1-carboxyvinyltransferase
BMEI1918	1	2E+06	1974744	+	165.5	hypothetical cytosolic protein
BMEI1919	1	2E+06	1976388	+	189.1	acyltransferase
BMEI1920	1	2E+06	1976999	+	180.6	hypothetical protein
BMEI1921	1	2E+06	1978164	+	150.0	acetoacetyl-CoA synthetase
BMEI1922	1	2E+06	1979172	+	160.5	acetoacetyl-CoA synthetase
BMEI1923	1	2E+06	1980497	+	185.6	isovaleryl-CoA dehydrogenase
BMEI1924	1	2E+06	1982104	+	140.4	methylcrotonyl-CoA carboxylase acetyl-CoA carboxylase alpha chain / propionyl-CoA carboxylase alpha chain
BMEI1925	1	2E+06	1984137	+	87.4	CoA carboxylase alpha chain
BMEI1926	1	2E+06	1984993	+	83.4	hydroxymethylglutaryl-CoA lyase
BMEI1927	1	2E+06	1985418	+	88.2	enoyl-CoA hydratase
BMEI1928	1	2E+06	1986014	+	98.1	enoyl-CoA hydratase
BMEI1929	1	2E+06	1986294	-	174.6	hypothetical protein leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEI1930	1	2E+06	1987357	+	174.0	alanine-binding protein precursor
BMEI1931	1	2E+06	1987972	+	165.6	hypothetical protein
BMEI1932	1	2E+06	1988212	+	182.3	hypothetical cytosolic protein
BMEI1933	1	2E+06	1988581	+	153.9	hypothetical protein
BMEI1934	1	2E+06	1990680	+	177.4	periplasmic oligopeptide-binding protein precursor
BMEI1935	1	2E+06	1992532	+	128.7	oligopeptide-binding protein appa precursor
BMEI1936	1	2E+06	1993741	+	91.5	oppb
BMEI1937	1	2E+06	1994880	+	27.1	oppc
BMEI1938	1	2E+06	1996529	+	4.9	oligopeptide transport ATP-binding protein oppd

BMEI1939	1	2E+06	1997482	+	20.7	d-3-phosphoglycerate dehydrogenase
BMEI1940	1	2E+06	1998308	-	58.9	molybdopterin biosynthesis moeb protein
BMEI1941	1	2E+06	1999473	-	137.8	recf protein
BMEI1942	1	2E+06	2000848	-	112.9	DNA polymerase iii, beta chain
BMEI1943	1	2E+06	2002660	-	113.8	chromosomal replication initiator protein dnaa
BMEI1944	1	2E+06	2003823	-	144.8	ssu ribosomal protein s20p
BMEI1945	1	2E+06	2004933	-	149.2	probable enoyl-CoA hydratase
BMEI1946	1	2E+06	2005941	-	162.3	formamidopyrimidine-DNA glycosylase
BMEI1947	1	2E+06	2006396	-	158.9	hypothetical cytosolic protein
BMEI1948	1	2E+06	2007882	+	127.5	cytosol aminopeptidase
BMEI1949	1	2E+06	2008307	+	38.3	transcriptional regulator, marr family
BMEI1950	1	2E+06	2009176	+	38.8	gamma-d-glutamyl-l-diamino acid endopeptidase ii
BMEI1951	1	2E+06	2009899	+	36.3	putative hydrolase
BMEI1952	1	2E+06	2011006	-	53.2	gluconate 2-dehydrogenase
BMEI1953	1	2E+06	2011824	+	79.1	aspartyl-tRNA synthetase
BMEI1954	1	2E+06	2012675	-	87.0	abc transporter substrate binding protein
BMEI1955	1	2E+06	2013218	-	81.0	ferric uptake regulation protein
BMEI1956	1	2E+06	2014021	+	73.8	dehydratase
BMEI1957	1	2E+06	2015410	+	140.7	3-oxoacyl-(acyl-carrier-protein) synthase i
BMEI1958	1	2E+06	2016243	+	153.8	enoyl-(acyl-carrier-protein) reductase (NADH)
BMEI1959	1	2E+06	2016623	-	150.7	methyltransferase
BMEI1960	1	2E+06	2017314	-	160.4	methyltransferase
BMEI1961	1	2E+06	2019569	-	169.1	polyribonucleotide nucleotidyltransferase
BMEI1962	1	2E+06	2020122	-	175.1	ssu ribosomal protein s15p
BMEI1963	1	2E+06	2021267	-	190.8	tRNA pseudouridine synthase b
BMEI1964	1	2E+06	2021786	-	171.6	ribosome-binding factor a
BMEI1965	1	2E+06	2024868	-	146.1	2)
BMEI1966	1	2E+06	2025656	-	7.7	hypothetical cytosolic protein
BMEI1967	1	2E+06	2027604	-	18.5	n utilization substance protein a
BMEI1968	1	2E+06	2028316	-	7.3	protein associated with nus operon
BMEI1969	1	2E+06	2029197	-	5.5	sam-dependent methyltransferase
BMEI1970	1	2E+06	2030471	-	166.1	s-adenosylmethionine synthetase
BMEI1971	1	2E+06	2031111	-	155.7	transcriptional regulator
BMEI1972	1	2E+06	2032856	-	162.7	apolipoprotein n-acyltransferase
BMEI1973	1	2E+06	2033971	-	168.1	cbs domain containing protein
BMEI1974	1	2E+06	2034480	-	167.4	diacylglycerol kinase
BMEI1975	1	2E+06	2035563	-	145.3	phoh protein
BMEI1976	1	2E+06	2037240	-	117.7	miab protein
BMEI1977	1	2E+06	2038101	-	109.1	1-acyl-sn-glycerol-3-phosphate acyltransferase
BMEI1978	1	2E+06	2038640	-	126.4	ribosomal-protein-alanine acetyltransferase
BMEI1979	1	2E+06	2039388	-	134.2	o-sialoglycoprotein endopeptidase
BMEI1980	1	2E+06	2040072	+	119.3	DNA protection during starvation protein
BMEI1981	1	2E+06	2041516	-	116.7	aminopeptidase t
BMEI1982	1	2E+06	2041886	+	105.4	hypothetical exported protein
BMEI1983	1	2E+06	2042913	-	161.4	cell wall hydrolase cwlj phosphate regulon transcriptional regulatory
BMEI1984	1	2E+06	2044329	-	154.8	protein phob
BMEI1985	1	2E+06	2045088	-	164.4	phosphate transport system protein phou
BMEI1986	1	2E+06	2046035	-	161.8	phosphate transport ATP-binding protein pstb
BMEI1987	1	2E+06	2047302	-	157.8	phosphate transport system permease protein psta
BMEI1988	1	2E+06	2048792	-	142.4	phosphate transport system permease protein pstc
BMEI1989	1	2E+06	2049971	-	135.7	phosphate-binding periplasmic protein
BMEI1990	1	2E+06	2050575	-	146.5	hypothetical membrane spanning protein
BMEI1991	1	2E+06	2050936	-	150.1	hypothetical protein
BMEI1992	1	2E+06	2051451	+	118.8	rare lipoprotein a
BMEI1993	1	2E+06	2052519	+	95.2	hypothetical exported protein
BMEI1994	1	2E+06	2053587	-	82.3	mg(2+) chelatase family protein

BMEI1995	1	2E+06	2054133	-	89.6	mg(2+) chelatase family protein
BMEI1996	1	2E+06	2055148	-	84.4	glutathione synthetase
BMEI1997	1	2E+06	2056271	+	143.0	gluconolactonase
BMEI1998	1	2E+06	2056596	-	172.0	hypothetical cytosolic protein
BMEI1999	1	2E+06	2057424	-	176.6	orotidine 5'-phosphate decarboxylase phosphatidylethanolamine n-methyltransferase / phosphatidyl-n-methylethanolamine n- methyltransferase
BMEI2000	1	2E+06	2058170	-	182.3	chaperone protein dnaj
BMEI2001	1	2E+06	2059424	-	155.4	dnak protein
BMEI2002	1	2E+06	2061595	-	158.7	trans-1,2-dihydrobenzene-1,2-diol dehydrogenase / d-xylose 1-dehydrogenase (nadp+)
BMEI2003	1	2E+06	2062828	-	156.2	phenylalanyl-tRNA synthetase beta chain
BMEI2004	1	2E+06	2065279	-	181.4	phenylalanyl-tRNA synthetase alpha chain
BMEI2005	1	2E+06	2066410	-	83.8	hypothetical cytosolic protein
BMEI2006	1	2E+06	2067353	-	75.3	lsu ribosomal protein l20p
BMEI2007	1	2E+06	2067883	-	80.5	lsu ribosomal protein l35p
BMEI2008	1	2E+06	2068111	-	75.2	nickel-cobalt-cadmium resistance protein nccn 3)
BMEI2009	1	2E+06	2068899	-	97.2	2-hydroxymuconic semialdehyde hydrolase
BMEI2010	1	2E+06	2069525	-	66.4	benzoate membrane transport protein
BMEI2011	1	2E+06	2070748	+	67.3	hypothetical protein
BMEI2012	1	2E+06	2071913	+	64.8	hypothetical cytosolic protein
BMEI2013	1	2E+06	2072283	+	75.6	zinc metallopeptidases
BMEI2014	1	2E+06	2072542	+	70.8	hypothetical protein
BMEI2015	1	2E+06	2073412	+	59.3	hypothetical protein
BMEI2016	1	2E+06	2074044	+	11.4	n-(5'-phosphoribosyl)anthranilate isomerase
BMEI2017	1	2E+06	2074751	+	8.3	tryptophan synthase beta chain
BMEI2018	1	2E+06	2075991	+	11.6	tryptophan synthase alpha chain
BMEI2019	1	2E+06	2077297	+	2.1	acetyl-coenzyme a carboxylase carboxyl transferase subunit beta
BMEI2020	1	2E+06	2078263	+	0.9	synthase
BMEI2021	1	2E+06	2079594	+	11.9	thioredoxin c-1
BMEI2022	1	2E+06	2080131	-	27.8	ATP-dependent nuclease subunit a
BMEI2023	1	2E+06	2083855	-	176.8	hypothetical cytosolic protein
BMEI2024	1	2E+06	2087010	-	197.2	hypothetical cytosolic protein
BMEI2025	1	2E+06	2087744	-	167.1	mannose-1-phosphate guanyltransferase
BMEI2026	1	2E+06	2089272	-	152.3	7.5 kDa chlorosome protein
BMEI2027	1	2E+06	2091587	-	166.3	alkaline phosphatase synthesis sensor protein phor
BMEI2028	1	2E+06	2092057	-	154.9	hypothetical protein
BMEI2029	1	2E+06	2093690	-	81.4	adenosylhomocysteinase
BMEI2030	1	2E+06	2093959	-	28.3	hypothetical protein
BMEI2031	1	2E+06	2094325	-	29.7	phosphocarrier protein hpr
BMEI2032	1	2E+06	2094775	-	19.3	pts system, iia component
BMEI2033	1	2E+06	2095019	-	32.4	hypothetical protein
BMEI2034	1	2E+06	2095473	-	16.4	sensor protein chvg
BMEI2035	1	2E+06	2097304	-	18.7	sensor protein chvg
BMEI2036	1	2E+06	2098134	-	4.7	transcriptional regulatory protein chvi
BMEI2037	1	2E+06	2100011	+	115.5	phosphoenolpyruvate carboxykinase (ATP)
BMEI2038	1	2E+06	2100694	+	97.2	peptidyl-tRNA hydrolase
BMEI2039	1	2E+06	2101725	-	158.0	pantothenate kinase
BMEI2040	1	2E+06	2102063	-	160.8	phosphoribosyl-ATP pyrophosphatase
BMEI2041	1	2E+06	2102984	-	160.4	hisf protein phosphoribosylformimino-5-aminoimidazole
BMEI2042	1	2E+06	2103712	-	174.9	carboxamide ribotide isomerase
BMEI2043	1	2E+06	2104367	-	158.8	amidotransferase hish
BMEI2044	1	2E+06	2104879	-	15.7	hypothetical membrane spanning protein
BMEI2045	1	2E+06	2105599	-	10.6	imidazoleglycerol-phosphate dehydratase
BMEI2046	1	2E+06	2105864	+	32.8	hypothetical protein

BMEI2047	1	2E+06	2106450	+	12.3	heat shock protein hslv
BMEI2048	1	2E+06	2107828	+	12.4	heat shock protein hslu
BMEI2049	1	2E+06	2108994	+	2.6	hypothetical protein
BMEI2050	1	2E+06	2109383	-	24.1	transcriptional regulator
BMEI2051	1	2E+06	2109913	-	13.4	smr/muts family protein
BMEI2052	1	2E+06	2111098	-	5.7	membrane-bound lytic murein transglycosylase a
BMEI2053	1	2E+06	2111812	-	77.2	transporter
BMEI2054	1	2E+06	2112571	+	168.5	fxsa protein
BMEI2055	1	2E+06	2113182	+	27.3	protein translocase subunit secb
BMEI2056	1	2E+06	2113987	-	5.7	DNA polymerase iii, epsilon chain
BMEI2057	1	2E+06	2114589	-	12.9	dephospho-CoA kinase
BMEI2058	1	2E+06	2115455	-	14.6	shikimate 5-dehydrogenase
BMEI2059	1	2E+06	2116047	-	17.7	maf protein
BMEI2060	1	2E+06	2116943	-	17.6	ATP/gtp-binding protein
BMEII0001	2	120	329	-	48.0	hypothetical protein
BMEII0002	2	316	1044	-	19.7	ribosomal-protein-serine acetyltransferase
BMEII0003	2	1063	2175	-	0.9	molybdenum transport ATP-binding protein mode
BMEII0004	2	2139	2825	-	14.8	modb
BMEII0005	2	2836	3537	-	17.1	molybdate-binding periplasmic protein
BMEII0006	2	3631	3837	-	41.7	hypothetical protein
BMEII0007	2	3872	4789	-	33.5	rhodanese-related sulfurtransferase
BMEII0008	2	4974	5498	+	114.0	hypothetical protein
BMEII0009	2	5612	6295	+	117.3	4-hydroxy-2-oxoglutarate aldolase / 2-dehydro-3-deoxyphosphogluconate aldolase
BMEII0010	2	6361	8274	-	114.7	hypothetical membrane associated protein
BMEII0011	2	8615	10105	-	64.9	transcriptional regulatory protein hydg
BMEII0012	2	10492	12315	+	51.7	oligoendopeptidase f
BMEII0013	2	12325	13494	+	148.2	para-aminobenzoate synthase component i
BMEII0014	2	13278	14108	+	178.6	para-aminobenzoate synthase component i
BMEII0015	2	14220	14981	+	168.6	homospermidine synthase
BMEII0016	2	14863	15666	+	150.6	homospermidine synthase
BMEII0017	2	15808	16188	+	176.4	outer membrane lipoprotein
BMEII0018	2	16326	17384	+	181.1	ferrochelatae
BMEII0019	2	17517	18503	+	145.7	stomatin like protein
BMEII0020	2	18524	18991	+	18.2	nodulation protein nfed, c-terminal only
BMEII0021	2	19082	20161	-	5.6	polysialic acid capsule expression protein kpsf
BMEII0022	2	20563	21762	+	18.1	hypothetical protein
BMEII0023	2	21815	22708	-	10.1	utp-glucose-1-phosphate uridylyltransferase
BMEII0024	2	23120	24358	+	143.4	membrane-bound lytic murein transglycosylase b
BMEII0025	2	24862	25578	+	164.4	attachment mediating protein virb1 homolog
BMEII0026	2	26014	26331	+	183.3	attachment mediating protein virb2 homolog
BMEII0027	2	26345	26695	+	156.2	channel protein virb3 homolog
BMEII0028	2	26695	29190	+	173.4	atpase virb4 homolog
BMEII0029	2	29195	29911	+	177.5	attachment mediating protein virb5 homolog
BMEII0030	2	30095	31138	+	182.9	channel protein virb6 homolog
BMEII0031	2	31302	31475	+	185.4	channel protein virb7 homolog
BMEII0032	2	31478	32197	+	189.5	channel protein virb8 homolog
BMEII0033	2	32321	33064	+	190.7	channel protein virb9 homolog
BMEII0034	2	33406	34203	+	171.6	channel protein virb10 homolog
BMEII0035	2	34187	35272	+	167.8	atpase virb11 homolog
BMEII0036	2	35418	35936	+	183.7	outer membrane protein oprf
BMEII0037	2	36376	37347	+	69.3	hypothetical cytosolic protein
BMEII0038	2	37467	38960	+	88.1	d-serine/d-alanine/glycine transporter
BMEII0039	2	39005	40459	-	98.2	glutamate synthase (nadph) small chain
BMEII0040	2	40541	45262	-	139.4	glutamate synthase [nadph] large chain
BMEII0041	2	45935	46984	+	151.2	low-specificity threonine aldolase
BMEII0042	2	47122	47592	-	164.7	heat shock protein a

BMEII0043	2	47671	47922	-	182.0	hypothetical protein
BMEII0044	2	47895	48317	-	204.3	hypothetical protein
BMEII0045	2	48282	48554	+	194.4	hypothetical protein
BMEII0046	2	48649	48864	+	139.5	hypothetical protein
BMEII0047	2	48904	49899	+	157.9	lysophospholipase l2
BMEII0048	2	49950	50768	-	154.7	extragenic suppressor protein suhb
BMEII0049	2	50879	51769	-	156.0	n-formylglutamate deformylase
BMEII0050	2	52088	52450	+	175.2	sensory transduction histidine kinase
BMEII0051	2	52836	53474	-	159.3	nodulation protein w
BMEII0052	2	53471	54538	-	159.4	sensory transduction histidine kinase
BMEII0053	2	54616	55356	-	168.6	mg(2+) transport atpase protein c
BMEII0054	2	55334	55489	-	179.7	hypothetical protein
BMEII0055	2	55668	56018	-	155.2	hypothetical protein
BMEII0056	2	56103	58889	-	168.8	mg(2+) transport atpase, p-type
BMEII0057	2	58938	59219	+	134.8	hypothetical protein
BMEII0058	2	59173	59466	-	137.2	hypothetical protein
BMEII0059	2	59746	60531	-	156.2	aminoquate/shkimate dehydrogenase
BMEII0060	2	60632	61897	-	169.0	dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex
BMEII0061	2	61916	64105	-	177.3	2-oxoisovalerate dehydrogenase beta subunit
BMEII0062	2	64215	64736	-	141.8	probable carbonyl reductase (NADPH)
BMEII0063	2	64985	65722	-	134.4	3-oxoacyl-(acyl-carrier protein) reductase
BMEII0064	2	65726	66208	-	128.3	lactoylglutathione lyase
BMEII0065	2	66260	66976	-	157.9	high-affinity branched-chain amino acid transport ATP-binding protein livf
BMEII0066	2	66976	67731	-	173.0	high-affinity branched-chain amino acid transport ATP-binding protein livg
BMEII0067	2	67728	68948	-	164.0	high-affinity branched-chain amino acid transport system permease protein livm
BMEII0068	2	68952	69950	-	181.9	high-affinity branched-chain amino acid transport system permease protein livh
BMEII0069	2	69992	70678	-	145.1	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEII0070	2	70700	71242	-	153.0	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEII0071	2	71453	72265	+	153.8	transcriptional regulator, gntr family
BMEII0072	2	72311	73552	-	166.1	extracytoplasmic function alternative sigma factor
BMEII0073	2	73614	73928	+	163.8	hypothetical protein
BMEII0074	2	74255	74800	+	182.1	hypothetical protein
BMEII0075	2	74797	75585	+	160.9	nitrate reductase
BMEII0076	2	75633	77042	-	178.0	enterobactin synthetase component f
BMEII0077	2	77033	78289	+	180.4	isochorismate synthase dhbc
BMEII0078	2	78396	80015	+	48.1	2,3-dihydroxybenzoate-amp ligase
BMEII0079	2	80067	80939	+	34.9	isochorismatase
BMEII0080	2	80900	81715	+	42.5	2,3-dihydro-2,3-dihydroxybenzoate dehydrogenase
BMEII0081	2	81690	82430	+	44.2	enterobactin synthetase component d
BMEII0082	2	82402	83010	-	28.8	hypothetical protein
BMEII0083	2	83254	83820	+	59.0	basic membrane protein a precursor
BMEII0084	2	83884	84360	+	113.2	basic membrane protein a precursor
BMEII0085	2	84363	85934	+	61.4	galactoside transport ATP-binding protein mgla
BMEII0086	2	85996	87075	+	5.9	mglc
BMEII0087	2	87072	87983	+	5.6	sugar ABC transporter, permease protein
BMEII0088	2	88009	89004	+	3.6	inosine-uridine preferring nucleoside hydrolase
BMEII0089	2	89081	90022	-	2.0	ribokinase
BMEII0090	2	90333	90533	+	41.6	hypothetical protein
BMEII0091	2	90768	91934	-	91.0	replication protein c
BMEII0092	2	92332	93318	-	114.5	replication protein b

BMEII0093	2	93383	94576	-	87.9	replication protein a
BMEII0094	2	94790	95194	+	60.3	hypothetical protein
BMEII0095	2	95161	95385	+	54.7	hypothetical protein
BMEII0096	2	95406	96830	+	104.1	oxidase
BMEII0097	2	97029	99050	+	124.7	cation-transporting p-type atpase b high-affinity branched-chain amino acid transport
BMEII0098	2	99079	99807	-	128.4	ATP-binding protein livf high-affinity branched-chain amino acid transport
BMEII0099	2	99804	100421	-	153.0	ATP-binding protein livg high-affinity branched-chain amino acid transport
BMEII0100	2	100243	100536	-	197.1	ATP-binding protein livg high-affinity branched-chain amino acid transport
BMEII0101	2	100533	101480	-	184.3	system permease protein livm high-affinity branched-chain amino acid transport
BMEII0102	2	101477	102340	-	108.5	system permease protein livh
BMEII0103	2	102542	103789	-	96.2	leu/ile/val-binding protein precursor
BMEII0104	2	103912	104613	-	107.0	transcriptional regulator, arac family
BMEII0105	2	105179	107143	+	173.6	iron-regulated outer membrane protein frpb
BMEII0106	2	107399	108523	+	151.3	xylose repressor
BMEII0107	2	108520	109260	+	139.5	taurine transport system permease protein tauc
BMEII0108	2	109254	109982	+	104.2	taurine transport ATP-binding protein taub
BMEII0109	2	109998	110957	+	103.4	aliphatic sulfonates-binding lipoprotein
BMEII0110	2	111100	112587	+	158.0	choline-sulfatase
BMEII0111	2	112862	113707	+	136.9	icc protein sn-glycerol-3-phosphate transport ATP-binding
BMEII0112	2	113704	114876	+	142.9	protein ugpc sn-glycerol-3-phosphate transport system permease
BMEII0113	2	114989	115801	+	144.4	protein ugpa sn-glycerol-3-phosphate transport system permease
BMEII0114	2	115812	116633	+	132.7	protein ugpe glycerol-3-phosphate-binding periplasmic protein
BMEII0115	2	116668	117933	+	135.7	precursor
BMEII0116	2	118078	118812	+	134.8	transcriptional regulator, gntr family
BMEII0117	2	118908	119687	+	146.5	hypothetical membrane spanning protein
BMEII0118	2	119702	120025	+	158.4	hypothetical protein high-affinity branched-chain amino acid transport
BMEII0119	2	120120	120824	-	143.8	ATP-binding protein livf system permease protein livm / high-affinity branched-chain amino acid transport ATP-binding
BMEII0120	2	120821	122368	-	170.0	protein livg high-affinity branched-chain amino acid transport
BMEII0121	2	122520	123398	-	171.7	system permease protein livh leucine-, isoleucine-, valine-, threonine-, and
BMEII0122	2	123462	124604	-	172.8	alanine-binding protein precursor
BMEII0123	2	124710	126392	-	115.7	exoenzymes regulatory protein aepa precursor
BMEII0124	2	126551	127006	-	129.5	aldehyde dehydrogenase
BMEII0125	2	127003	128025	-	125.1	aldehyde dehydrogenase
BMEII0126	2	128097	129590	-	13.3	amino acid permease
BMEII0127	2	129836	130621	+	3.2	acetate operon repressor
BMEII0128	2	130621	131877	+	11.3	transcriptional regulator
BMEII0129	2	131874	132518	+	7.9	hydrolase family protein
BMEII0130	2	132531	133889	+	13.6	omega-amino acid-pyruvate aminotransferase
BMEII0131	2	133843	135174	+	13.0	4-aminobutyrate aminotransferase
BMEII0132	2	135251	136171	+	2.4	homoserine kinase
BMEII0133	2	136161	136652	-	15.7	homoprotocatechuate degradative operon repressor
BMEII0134	2	136808	137200	+	22.2	isomerase

BMEII0135	2	137270	138784	+	150.6	5-carboxymethyl-2-hydroxyuconate semialdehyde dehydrogenase
BMEII0136	2	138824	139819	+	18.5	homoprotocatechuate 2,3-dioxygenase 2-hydroxyhepta-2,4-diene-1,7-dioate isomerase / 5-carboxymethyl-2-oxo-hex-3-ene-1,7-dioate decarboxylase
BMEII0137	2	139819	140754	+	2.8	
BMEII0138	2	140758	141561	+	2.6	2-oxo-hepta-3-ene-1,7-dioic acid hydratase
BMEII0139	2	141779	142588	+	2.4	phosphotyrosyl phosphatase activator (ptpa)
BMEII0140	2	142745	142921	-	45.2	aldehyde dehydrogenase b
BMEII0141	2	142982	143797	-	13.7	aldehyde dehydrogenase
BMEII0142	2	143828	144151	-	48.1	probable aldehyde dehydrogenase
BMEII0143	2	144251	145219	-	179.5	transcriptional regulator, arac family
BMEII0144	2	145777	146946	-	177.7	xylose transport system permease protein xylh
BMEII0145	2	147089	148627	-	191.5	d-xylose transport ATP-binding protein xylg
BMEII0146	2	148786	149745	-	185.7	d-xylose-binding periplasmic protein precursor
BMEII0147	2	150379	151434	+	155.9	putative integral membrane protein
BMEII0148	2	151551	159215	-	187.7	extracellular serine protease
BMEII0149	2	159847	161622	-	150.9	extracellular serine protease
BMEII0150	2	162455	163303	+	158.3	flagellin
BMEII0151	2	163506	164234	+	183.3	flagellar m-ring protein flif
BMEII0152	2	164247	165248	+	162.4	flagellar m-ring protein flif
BMEII0153	2	165251	165931	+	44.9	hypothetical protein
BMEII0154	2	165928	167028	+	48.6	chemotaxis motb protein
BMEII0155	2	167025	168317	+	42.0	chemotaxis motc protein precursor
BMEII0156	2	168389	169588	+	76.1	chemotaxis motd protein
BMEII0157	2	169542	170114	+	113.5	hypothetical protein
BMEII0158	2	170442	171125	+	107.9	two component response regulator
BMEII0159	2	171536	172726	+	173.8	flagellar hook protein flge
BMEII0160	2	172851	174305	+	151.1	flagellar hook-associated protein 1
BMEII0161	2	174311	175357	+	113.8	flagellar hook-associated protein 3
BMEII0162	2	175489	175833	+	106.4	flaf protein
BMEII0163	2	175835	176293	+	109.9	flbt protein
BMEII0164	2	176290	176703	+	155.2	basal-body rod modification protein flgd
BMEII0165	2	176715	176981	+	179.8	flagellar biosynthetic protein fliq
BMEII0166	2	177142	177441	+	184.2	flagellar biosynthetic protein flha
BMEII0167	2	177463	179232	+	188.9	flagellar biosynthetic protein flha
BMEII0168	2	179248	180015	+	145.4	flagellar biosynthetic protein flir
BMEII0169	2	180059	180430	+	148.8	hypothetical protein
BMEII0170	2	180612	181088	+	178.6	flagellar protein flgj
BMEII0171	2	181344	181691	+	164.0	hypothetical cytosolic protein
BMEII0172	2	181688	182215	+	129.2	hypothetical protein
BMEII0173	2	182203	182418	-	48.2	hypothetical protein
BMEII0174	2	182408	182641	+	44.9	hypothetical protein
BMEII0175	2	182666	183103	-	20.1	zinc uptake regulation protein high-affinity zinc uptake system membrane protein
BMEII0176	2	183100	183954	-	12.4	znuB high-affinity zinc uptake system ATP-binding protein znuc
BMEII0177	2	183914	184810	-	12.8	
BMEII0178	2	185055	186041	+	3.3	high-affinity zinc uptake system protein znua
BMEII0179	2	186208	187410	+	147.2	low affinity zinc transport membrane protein
BMEII0180	2	187471	187959	-	191.3	rrf2 family protein
BMEII0181	2	188182	189063	-	176.7	n-acetylglucosamine kinase
BMEII0182	2	189042	189260	+	207.0	hypothetical protein
BMEII0183	2	195542	196444	-	180.3	transposase
BMEII0184	2	196441	196722	-	32.8	transposase
BMEII0185	2	197140	197658	+	26.8	d-lactate dehydrogenase
BMEII0186	2	198089	198373	+	31.5	pemk-like protein 1

BMEII0187	2	198382	198894	-	14.5	hypothetical cytosolic protein
BMEII0188	2	198872	200128	-	12.8	hypothetical cytosolic protein
BMEII0189	2	200223	200957	-	6.2	l-fucose phosphate aldolase
BMEII0190	2	201078	201704	-	155.9	hypothetical protein
BMEII0191	2	201777	202727	-	186.2	hypothetical protein
BMEII0192	2	202907	204142	-	125.7	glutamate-1-semialdehyde 2,1-aminomutase
BMEII0193	2	204369	205517	+	130.8	spermidine/putrescine transport ATP-binding protein pota
BMEII0194	2	205633	206388	+	103.8	spermidine/putrescine transport system permease protein potb
BMEII0195	2	206427	207188	+	88.0	spermidine/putrescine transport system permease protein potc
BMEII0196	2	207181	208263	+	85.5	spermidine/putrescine-binding periplasmic protein
BMEII0197	2	208309	209727	-	113.1	glu/asp-tRNA amidotransferase subunit a
BMEII0198	2	209742	210614	-	113.4	antibiotic-induced protein drp35
BMEII0199	2	210614	211720	-	118.7	oligopeptide transport ATP-binding protein oppf
BMEII0200	2	211588	212721	-	100.5	oligopeptide transport ATP-binding protein oppd
BMEII0201	2	212580	213413	-	92.6	oppe
BMEII0202	2	213410	214420	-	81.3	oppb
BMEII0203	2	214456	216012	-	116.1	putative binding protein ydds precursor
BMEII0204	2	216078	216560	-	146.1	transcriptional regulator, gntr family
BMEII0205	2	216784	217914	-	161.2	dipeptide transport ATP-binding protein dppf
BMEII0206	2	217785	218783	-	150.8	dipeptide transport ATP-binding protein dppd
BMEII0207	2	218786	219319	-	145.9	dipeptide transport system permease protein dppc
BMEII0208	2	219190	219615	-	165.8	dipeptide transport system permease protein dppc
BMEII0209	2	219668	220615	-	97.6	dipeptide transport system permease protein dppb
BMEII0210	2	220769	222280	-	88.2	periplasmic dipeptide transport protein precursor
BMEII0211	2	222336	223289	-	90.3	penicillin acylase
BMEII0212	2	223223	224620	-	164.6	penicillin acylase
BMEII0213	2	224946	226091	-	131.5	acyl-CoA dehydrogenase, short-chain specific
BMEII0214	2	226160	227053	+	164.0	3-hydroxybutyryl-CoA dehydratase
BMEII0215	2	227055	228557	+	187.4	probable 3-hydroxybutyryl-CoA dehydrogenase
BMEII0216	2	228572	230749	+	145.8	2-oxoisovalerate dehydrogenase beta subunit
BMEII0217	2	230779	232398	+	71.8	periplasmic dipeptide transport protein precursor
BMEII0218	2	232482	233768	-	81.6	dihydro-lipoamide acetyltransferase component of acetoin cleaving system
BMEII0219	2	233828	234754	-	183.5	transcriptional regulator
BMEII0220	2	234759	235823	+	184.8	oppb
BMEII0221	2	235835	236491	+	178.5	dipeptide transport system permease protein dppc
BMEII0222	2	236504	237541	+	156.1	oligopeptide transport ATP-binding protein oppd
BMEII0223	2	237333	238538	+	101.6	oligopeptide transport ATP-binding protein oppf
BMEII0224	2	238492	239856	+	106.1	formyl-coenzyme a transferase
BMEII0225	2	239847	241268	+	165.8	6-oxohexanoate dehydrogenase
BMEII0226	2	241507	242235	-	178.1	nta operon transcriptional regulator
BMEII0227	2	242480	242761	+	162.4	transposase
BMEII0228	2	242758	243687	+	118.0	transposase
BMEII0229	2	244358	244681	+	151.6	hypothetical protein
BMEII0230	2	244704	245360	+	149.9	peptide methionine sulfoxide reductase
BMEII0231	2	245373	245579	-	141.3	slyx protein
BMEII0232	2	245690	246316	-	25.1	uracil phosphoribosyltransferase
BMEII0233	2	246627	247436	+	9.0	ubiquinone/menaquinone biosynthesis methyltransferase ubie
BMEII0234	2	247470	249068	+	18.3	ubiquinone biosynthesis protein aarf
BMEII0235	2	249105	250319	+	10.4	phosphopantothenate-cysteine ligase / phosphopantothenoylecysteine decarboxylase
BMEII0236	2	250316	251893	-	17.9	bacterial peptide chain release factor 3 (rf-3)
BMEII0237	2	251883	252020	-	52.4	hypothetical protein

BMEII0238	2	252054	252617	-	11.8	hded protein
BMEII0239	2	252771	254249	+	16.0	cardiolipin synthetase
BMEII0240	2	254259	255116	-	0.3	dioxygenase
BMEII0241	2	255271	255945	-	6.6	coniferyl-aldehyde dehydrogenase
BMEII0242	2	255731	256417	-	6.1	aldehyde dehydrogenase
BMEII0243	2	256676	257230	-	12.3	hypothetical protein
BMEII0244	2	257261	257479	+	39.1	hypothetical protein
BMEII0245	2	257596	258042	-	28.2	universal stress protein family
BMEII0246	2	258239	258922	-	186.7	nitroreductase
BMEII0247	2	259372	261123	-	199.3	exoenzymes regulatory protein aepa precursor
BMEII0248	2	261543	262196	-	167.0	phosphoglycerate mutase
BMEII0249	2	262200	263039	-	60.6	dihydrodipicolinate reductase
BMEII0250	2	263036	264871	-	20.2	ABC transporter ATP-binding protein
BMEII0251	2	265092	266138	-	6.1	glucokinase
BMEII0252	2	266204	266581	-	32.0	methylglyoxal synthase
BMEII0253	2	266734	267756	-	2.3	murein endopeptidase
BMEII0254	2	267757	268668	-	11.5	nucleoside-diphosphate-sugar epimerase
BMEII0255	2	268628	269842	-	8.9	iron-sulfur cluster-binding protein
BMEII0256	2	269805	270497	-	123.5	glutathione s-transferase
BMEII0257	2	270545	270748	+	146.4	hypothetical protein bacitracin resistance protein (putative
BMEII0258	2	270753	271559	+	141.4	undecaprenol kinase)
BMEII0259	2	271660	272646	-	168.0	NADH-ubiquinone oxidoreductase 39 kd subunit
BMEII0260	2	272810	274618	+	20.8	gtp-binding protein lepa
BMEII0261	2	274867	275217	-	25.5	hypothetical cytosolic protein
BMEII0262	2	275257	275562	+	29.4	hypothetical protein
BMEII0263	2	275799	276821	-	5.4	hypothetical exported protein
BMEII0264	2	277089	277652	+	11.8	polypeptide deformylase
BMEII0265	2	277652	278572	+	2.4	methionyl-tRNA formyltransferase
BMEII0266	2	278576	279331	+	4.4	tRNA pseudouridine synthase a
BMEII0267	2	279506	280063	-	12.1	hypothetical membrane spanning protein
BMEII0268	2	280174	281361	-	7.7	succinyl-diaminopimelate desuccinylase
BMEII0269	2	281646	282200	+	157.2	hypothetical protein 2,3,4,5-tetrahydropyridine-2-carboxylate n-
BMEII0270	2	282344	283198	-	187.4	succinyltransferase
BMEII0271	2	283417	284247	+	160.1	3-isopropylmalate dehydrogenase
BMEII0272	2	284309	285013	-	176.5	phosphoglycolate phosphatase
BMEII0273	2	285087	286049	-	163.1	acetylglutamate kinase
BMEII0274	2	286148	286873	-	167.8	gtp-binding protein cgpa
BMEII0275	2	286993	288825	-	165.0	60 kDa inner membrane protein yidc
BMEII0276	2	288815	289240	-	100.9	ribonuclease p protein component
BMEII0277	2	289425	289649	-	111.2	hypothetical protein
BMEII0278	2	289690	290076	+	109.5	translation initiation inhibitor
BMEII0279	2	290130	291125	-	111.1	hypothetical membrane spanning protein
BMEII0280	2	291591	292982	-	117.2	multidrug resistance protein b
BMEII0281	2	293310	294026	+	117.7	transcriptional regulator, gntr family
BMEII0282	2	293887	295497	+	137.7	aldehyde dehydrogenase toluenesulfonate zinc-independent alcohol
BMEII0283	2	295502	296290	+	173.5	dehydrogenase
BMEII0284	2	296271	297791	+	70.1	periplasmic dipeptide transport protein precursor
BMEII0285	2	297889	298842	+	53.3	dipeptide transport system permease protein dppb
BMEII0286	2	298905	299699	+	68.3	dipeptide transport system permease protein dppc
BMEII0287	2	299696	300721	+	151.6	dipeptide transport ATP-binding protein dppd
BMEII0288	2	300718	301566	+	55.9	dipeptide transport ATP-binding protein dppf
BMEII0289	2	301580	302968	+	70.1	glutamyl-tRNA(gln) amidotransferase subunit a
BMEII0290	2	303044	303862	-	54.9	DNA polymerase iii, alpha chain
BMEII0291	2	304198	305430	+	62.1	aminobutyraldehyde dehydrogenase

BMEII0292	2	305605	306651	+	66.7	response regulator protein
BMEII0293	2	307466	308215	+	124.6	hypothetical protein
BMEII0294	2	308319	308924	+	127.2	glutathione s-transferase
BMEII0295	2	308981	309493	+	125.9	biphenyl-2,3-diol 1,2-dioxygenase iii
BMEII0296	2	309712	310053	+	125.1	hypothetical protein
BMEII0297	2	310231	312180	+	183.4	outer membrane protein nosa precursor
BMEII0298	2	312348	313529	+	136.6	hypothetical protein
BMEII0299	2	313623	314417	-	138.7	transcriptional regulator, iclr family
BMEII0300	2	315575	317329	+	21.5	ribose transport ATP-binding protein rbsa
BMEII0301	2	317341	318288	+	2.2	ribose transport system permease protein rbsc
BMEII0302	2	318384	319238	+	0.2	ribose transport system permease protein rbsc
BMEII0303	2	319238	319657	+	20.3	translation initiation inhibitor
BMEII0304	2	319865	320527	-	8.1	bicyclomycin resistance protein
BMEII0305	2	320529	321488	-	0.5	nitrate reductase
BMEII0306	2	322091	322777	+	167.9	carboxylesterase
BMEII0307	2	322918	323892	-	137.4	vegetatible incompatibility protein het-e-1
BMEII0308	2	324011	325129	-	168.1	low affinity zinc transport membrane protein
BMEII0309	2	325365	326198	-	157.0	creatininase
BMEII0310	2	326308	326541	+	156.6	transcriptional regulator, marr family
BMEII0311	2	326548	326805	+	155.3	transcriptional regulator, marr family
BMEII0312	2	326895	327971	+	192.2	ribose operon repressor
BMEII0313	2	328057	329031	+	192.5	gluconate 2-dehydrogenase
BMEII0314	2	329012	329914	-	64.7	anthranilate synthase component ii
BMEII0315	2	329905	330156	+	37.1	hypothetical protein
BMEII0316	2	330149	330898	+	13.3	2-deoxy-d-gluconate 3-dehydrogenase
BMEII0317	2	331264	333561	+	25.7	(eal)
BMEII0318	2	333814	334584	+	185.2	6-aminohexanoate-dimer hydrolase
BMEII0319	2	334642	335031	+	175.4	6-aminohexanoate-dimer hydrolase
BMEII0320	2	335339	335644	+	156.7	hypothetical protein
BMEII0321	2	335641	336048	+	116.4	hypothetical protein
BMEII0322	2	336237	336476	+	130.8	cytochrome c oxidase polypeptide iv
BMEII0323	2	336700	337989	+	110.0	nad(p) transhydrogenase subunit alpha
BMEII0324	2	338046	338408	+	94.1	nad(p) transhydrogenase subunit alpha
BMEII0325	2	338421	339821	+	36.6	nad(p) transhydrogenase subunit beta
BMEII0326	2	339915	341219	-	3.7	homoserine dehydrogenase
BMEII0327	2	341304	342098	+	9.6	phosphoglycolate phosphatase
BMEII0328	2	342173	342649	+	16.6	nodulation protein n
BMEII0329	2	342724	343164	-	28.6	hypothetical membrane spanning protein
BMEII0330	2	343369	343623	-	152.1	hypothetical protein
BMEII0331	2	343620	343919	-	176.7	hypothetical cytosolic protein
BMEII0332	2	344272	344499	+	118.6	ssu ribosomal protein s21p
BMEII0333	2	344768	345031	-	187.6	hypothetical protein
BMEII0334	2	345143	345910	+	96.6	tetratricopeptide repeat family protein
BMEII0335	2	346002	346409	+	57.5	hypothetical protein
BMEII0336	2	346422	347114	-	51.0	ABC transporter permease protein
BMEII0337	2	347068	348177	-	72.8	ABC transporter ATP-binding protein
BMEII0338	2	348591	349427	-	148.3	ABC transporter substrate binding protein
BMEII0339	2	349661	351259	-	170.1	alcohol dehydrogenase (acceptor)
BMEII0340	2	351323	352318	-	91.6	high-affinity branched-chain amino acid transport system permease protein livm
BMEII0341	2	352320	353207	-	88.8	high-affinity branched-chain amino acid transport system permease protein livh
BMEII0342	2	353212	354036	-	89.5	high-affinity branched-chain amino acid transport ATP-binding protein livf
BMEII0343	2	353930	354748	-	152.5	high-affinity branched-chain amino acid transport ATP-binding protein livg

BMEII0344	2	354758	355963	-	171.4	branched-chain amino acid ABC transporter, periplasmic amino acid- binding protein
BMEII0345	2	356192	357142	+	81.4	transcriptional regulatory protein, lysr family
BMEII0346	2	357358	357798	-	74.6	transcriptional regulatory protein, asnc family
BMEII0347	2	357971	359935	+	80.6	membrane protein related to metalloendopeptidase
BMEII0348	2	359851	361122	+	108.1	4-aminobutyrate aminotransferase general l-amino acid-binding periplasmic protein
BMEII0349	2	361250	362245	+	104.4	aapj precursor
BMEII0350	2	362276	363832	-	152.0	d-alanyl-d-alanine carboxypeptidase
BMEII0351	2	364239	365933	+	152.9	acetolactate synthase large subunit
BMEII0352	2	365946	366665	-	152.1	transcriptional regulator, gntr family
BMEII0353	2	366696	366989	-	145.9	sugar transport system permease protein
BMEII0354	2	367238	368251	+	175.5	sugar transporter
BMEII0355	2	368248	369195	+	128.1	d-galactose 1-dehydrogenase
BMEII0356	2	369292	371097	+	108.4	galactonate dehydratase
BMEII0357	2	371094	372041	+	5.5	2-dehydro-3-deoxygalactonokinase
BMEII0358	2	372038	372670	+	9.5	2-dehydro-3-deoxyphosphogalactonate aldolase
BMEII0359	2	372771	373166	+	22.0	multiple sugar-binding periplasmic receptor chve precursor multiple sugar-binding periplasmic receptor chve precursor
BMEII0360	2	373223	373879	+	19.0	precursor
BMEII0361	2	374025	375614	+	1.7	sugar transport ATP-binding protein
BMEII0362	2	375614	376804	+	51.8	xylose transport system permease protein xylh
BMEII0363	2	376946	377827	-	61.4	d-alanine aminotransferase
BMEII0364	2	377915	378538	-	49.1	hypothetical protein
BMEII0365	2	378545	380218	-	130.7	urocanate hydratase
BMEII0366	2	380229	381173	-	171.6	n-formylglutamate deformylase
BMEII0367	2	381031	381726	-	82.5	histidine ammonia-lyase
BMEII0368	2	381636	383807	-	84.0	imidazolonepropionase / histidine ammonia-lyase
BMEII0369	2	383938	385302	+	173.9	atrazine chlorohydrolase
BMEII0370	2	385314	386057	+	171.8	histidine utilization repressor
BMEII0371	2	386128	387456	-	167.1	omega-amino acid-pyruvate aminotransferase
BMEII0372	2	387602	388150	+	168.4	transcriptional regulator, merr family
BMEII0373	2	388193	389443	-	157.6	d-amino acid dehydrogenase small subunit
BMEII0374	2	389459	390658	-	164.7	alanine racemase, catabolic
BMEII0375	2	390899	391366	+	156.9	transcriptional regulatory protein, asnc family
BMEII0376	2	391514	392368	-	160.7	heat resistant agglutinin 1 precursor
BMEII0377	2	392647	393795	-	165.3	l-lactate dehydrogenase (cytochrome)
BMEII0378	2	393949	396309	+	169.2	formate dehydrogenase alpha chain
BMEII0379	2	396306	396605	+	100.9	hypothetical protein
BMEII0380	2	396837	398009	+	110.0	acriflavin resistance protein a precursor
BMEII0381	2	398018	399112	+	99.4	acriflavin resistance protein e
BMEII0382	2	399109	402183	+	79.0	acriflavin resistance protein d
BMEII0383	2	402286	403053	+	80.8	transcriptional regulator, gntr family
BMEII0384	2	403050	404087	+	79.7	glucosamine-6-phosphate isomerase
BMEII0385	2	404084	405250	+	109.0	n-acetylglucosamine-6-phosphate deacetylase
BMEII0386	2	405258	405986	+	113.0	hypothetical membrane associated protein
BMEII0387	2	406130	407014	+	116.9	formyltetrahydrofolate deformylase
BMEII0388	2	407238	408770	-	138.7	piperidine-6-carboxylate dehydrogenase
BMEII0389	2	408844	409572	-	137.6	hypothetical protein
BMEII0390	2	409693	410625	+	53.6	transcriptional regulatory protein, lysr family
BMEII0391	2	410716	412008	+	38.3	sarcosine oxidase beta subunit transcription accessory protein (s1 RNA binding domain)
BMEII0392	2	412103	414214	-	47.6	domain)
BMEII0393	2	414624	414932	+	117.4	transcriptional regulator, arsr family
BMEII0394	2	414976	416091	+	108.5	glycerol trinitrate reductase
BMEII0395	2	416129	416611	-	114.7	transcriptional regulatory protein, asnc family

BMEII0396	2	416622	417617	+	141.6	arginase
BMEII0397	2	417653	418732	+	154.0	ornithine cyclodeaminase
BMEII0398	2	418745	419170	-	150.9	sec-independent protein translocase protein tate
BMEII0399	2	419185	419751	+	152.1	hypothetical protein
BMEII0400	2	420187	420708	+	172.6	putative DNA-binding protein
BMEII0401	2	420941	421930	+	139.1	thioredoxin
BMEII0402	2	422000	422698	+	149.7	ATP-dependent protease la 2
BMEII0403	2	422875	423069	+	61.7	conserved cytosolic protein
BMEII0404	2	423369	424481	+	84.3	3-isopropylmalate dehydrogenase
BMEII0405	2	424622	425674	+	69.8	ada regulatory protein / o-6-methylguanine-DNA-alkyltransferase
BMEII0406	2	425732	427630	-	146.1	proline/betaine transporter
BMEII0407	2	428153	429187	+	10.6	aspartate-semialdehyde dehydrogenase
BMEII0408	2	429251	429724	-	17.8	transcriptional regulator, marr family
BMEII0409	2	429885	430334	+	18.3	osmotically inducible protein c
BMEII0410	2	430385	430807	-	21.1	acetylglutamate kinase
BMEII0411	2	430893	431498	-	22.3	3-isopropylmalate dehydratase small subunit
BMEII0412	2	431563	431769	-	40.7	hypothetical protein
BMEII0413	2	431908	432798	+	8.3	citrate lyase beta chain / citryl-CoA lyase subunit
BMEII0414	2	432816	433022	+	40.7	hypothetical protein
BMEII0415	2	433022	433375	+	25.2	lactoylglutathione lyase
BMEII0416	2	433405	435606	-	8.2	peptidyl-dipeptidase dcp
BMEII0417	2	435579	435782	+	41.1	hypothetical protein
BMEII0418	2	435779	437176	+	13.4	mg ²⁺ transporter mgte
BMEII0419	2	437419	439245	+	21.1	gtp-binding protein typha/bipa
BMEII0420	2	439367	439984	+	20.7	proline dipeptidase pepq
BMEII0421	2	440215	440421	+	93.7	hypothetical protein
BMEII0422	2	440418	441440	+	125.3	fructose-1,6-bisphosphatase
BMEII0423	2	441471	442535	+	120.5	fructose-bisphosphate aldolase
BMEII0424	2	442602	443096	-	153.1	ribose 5-phosphate isomerase
BMEII0425	2	443069	443839	-	157.5	triosephosphate isomerase
BMEII0426	2	443852	444616	-	165.3	transcriptional regulator, deor family
BMEII0427	2	444704	445654	-	128.2	eri operon repressor
BMEII0428	2	445682	446614	-	144.6	d-erythrose 4-phosphate dehydrogenase
BMEII0429	2	446622	448130	-	153.6	erythritol-4-phosphate dehydrogenase
BMEII0430	2	448143	449705	-	7.6	erythritol kinase
BMEII0431	2	450731	451096	+	25.3	hypothetical protein
BMEII0432	2	451093	452637	+	3.0	ribose transport ATP-binding protein rbsa
BMEII0433	2	452661	453701	+	93.6	ribose transport system permease protein rbsc
BMEII0434	2	453698	453952	+	156.1	hypothetical protein
BMEII0435	2	453936	454814	+	182.5	d-ribose-binding periplasmic protein precursor
BMEII0436	2	454995	455843	+	84.7	transcriptional regulator, deor family
BMEII0437	2	456466	457905	+	74.6	4-hydroxybenzoate octaprenyltransferase
BMEII0438	2	457905	459239	+	170.1	l-gulonolactone oxidase
BMEII0439	2	459211	459690	+	196.7	transporter, dme family
BMEII0440	2	459739	460749	+	186.7	dtdp-glucose 4,6-dehydratase
BMEII0441	2	460760	462214	+	172.3	acetylornithine aminotransferase
BMEII0442	2	462378	464006	-	156.7	hypothetical membrane spanning protein
BMEII0443	2	464174	464557	-	144.4	hypothetical protein
BMEII0444	2	464789	464998	-	154.6	hypothetical protein
BMEII0445	2	465524	465790	-	168.6	transposase
BMEII0446	2	466304	468199	-	182.0	hypothetical protein
BMEII0447	2	468186	469115	-	156.2	transporter
BMEII0448	2	469123	469863	-	158.2	zinc metallopeptidase
BMEII0449	2	470479	472830	-	142.1	type i restriction-modification system restriction subunit

BMEII0450	2	472827	474050	-	179.5	type i restriction-modification system specificity subunit
BMEII0451	2	474040	475596	-	171.3	type i restriction-modification system methylation subunit
BMEII0452	2	475574	476203	-	177.2	type i restriction-modification enzyme, s subunit
BMEII0453	2	477292	477564	+	185.2	transposase
BMEII0454	2	477525	477722	+	142.8	hypothetical protein
BMEII0455	2	477892	478104	+	138.0	hypothetical protein
BMEII0456	2	478273	478773	+	140.6	hypothetical protein
BMEII0457	2	478780	479502	-	148.6	hypothetical protein
BMEII0458	2	479480	480031	-	185.8	hypothetical protein
BMEII0459	2	480228	480479	-	190.4	hypothetical protein
BMEII0460	2	480557	481576	-	177.2	2-nitropropane dioxygenase
BMEII0461	2	482032	483054	+	147.5	hypothetical protein
BMEII0462	2	483306	485861	+	40.9	ATP-dependent helicase
BMEII0463	2	485858	486574	+	25.1	putative icc-like phosphoesterase
BMEII0464	2	486672	487394	-	24.9	hypothetical membrane associated protein
BMEII0465	2	487498	488445	-	39.7	permease
BMEII0466	2	488685	489638	-	128.6	tetratricopeptide repeat family protein
BMEII0467	2	491964	492359	+	63.8	transcriptional regulator, merr family
BMEII0468	2	492414	492773	-	38.4	hypothetical protein
BMEII0469	2	492789	493202	-	149.4	integral membrane protein
BMEII0470	2	493199	493600	-	206.9	integral membrane protein
BMEII0471	2	493898	494092	+	154.7	hypothetical protein
BMEII0472	2	494056	495042	+	156.7	membrane fusion protein mtrc
BMEII0473	2	495065	498142	+	161.2	acriflavin resistance protein f
BMEII0474	2	498326	499531	-	190.1	mannonate dehydratase
BMEII0475	2	499592	500377	-	174.3	transcriptional regulator, gntr family
BMEII0476	2	500694	501818	+	187.3	uronate isomerase
BMEII0477	2	501785	502093	+	180.7	uronate isomerase
BMEII0478	2	502090	503598	+	196.6	d-mannonate oxidoreductase
BMEII0479	2	503848	504939	+	187.8	ABC transporter substrate-binding protein
BMEII0480	2	504947	505087	-	197.7	hypothetical protein
BMEII0481	2	505060	506070	+	192.7	ABC transporter ATP-binding protein
BMEII0482	2	506079	506351	+	199.2	hypothetical protein
BMEII0483	2	506360	506977	+	199.5	ABC transporter integral membrane protein
BMEII0484	2	507065	507820	+	186.1	ABC transporter integral membrane protein
BMEII0485	2	508140	509441	+	139.1	d-galactarate dehydratase
BMEII0486	2	509452	509907	-	145.8	nickel-responsive regulator nigr
BMEII0487	2	510117	511697	+	154.4	nickel-binding periplasmic protein precursor
BMEII0488	2	511976	512641	+	182.7	nickel transport system permease protein nikb
BMEII0489	2	512656	513510	+	191.2	nickel transport system permease protein nikk
BMEII0490	2	513507	514295	+	121.4	nickel transport ATP-binding protein nikd
BMEII0491	2	514292	515092	+	106.5	nickel transport ATP-binding protein nike
BMEII0492	2	515225	516412	-	162.9	acyl-CoA dehydrogenase
BMEII0493	2	516708	517427	-	175.3	transcriptional regulatory protein, lysr family
BMEII0494	2	517731	518018	-	186.4	hypothetical protein
BMEII0495	2	518268	520121	+	99.5	acyl-CoA dehydrogenase
BMEII0496	2	520141	521394	+	111.9	3-ketoacyl-CoA thiolase
BMEII0497	2	521410	523626	+	110.6	enoyl-CoA hydratase / 3-hydroxyacyl-CoA dehydrogenase / 3-hydroxybutyryl-CoA epimerase
BMEII0498	2	523864	524520	+	158.1	DNA-binding protein rdga
BMEII0499	2	524701	525480	+	165.1	succinoglycan biosynthesis protein exoi
BMEII0500	2	525568	527223	-	154.7	lysyl-tRNA synthetase
BMEII0501	2	527403	527828	+	141.2	hypothetical cytosolic protein
BMEII0502	2	527890	528525	-	137.9	carbonic anhydrase
BMEII0503	2	528674	529090	-	161.5	hypothetical protein

BMEII0504	2	529373	530986	+	149.8	oligopeptide-binding protein appa precursor
BMEII0505	2	531004	532002	+	127.1	appb
BMEII0506	2	531999	532829	+	120.4	oppc
BMEII0507	2	532673	533581	+	139.0	oligopeptide transport ATP-binding protein oppd
BMEII0508	2	533505	534326	+	132.6	oligopeptide transport ATP-binding protein oppf
BMEII0509	2	534417	535319	-	157.4	pyrroline-5-carboxylate reductase methylenetetrahydrofolate dehydrogenase / methenyltetrahydrofolate cyclohydrolase
BMEII0510	2	535493	536452	+	85.3	
BMEII0511	2	536544	538367	-	86.6	phosphogluconate dehydratase
BMEII0512	2	538403	539116	-	124.9	6-phosphogluconolactonase
BMEII0513	2	539230	540705	-	131.1	glucose-6-phosphate 1-dehydrogenase
BMEII0514	2	540976	541725	+	132.4	3-oxoacyl-(acyl-carrier protein) reductase
BMEII0515	2	541814	543103	-	129.8	multidrug resistance protein 1
BMEII0516	2	543285	543584	-	154.9	hypothetical protein
BMEII0517	2	543581	544321	-	134.1	branched-chain amino acid transport protein azlc
BMEII0518	2	544697	545161	+	188.7	transcriptional regulator azlb
BMEII0519	2	545552	546220	+	165.4	iron-regulated protein firpc
BMEII0520	2	546509	546946	+	165.8	transcriptional regulator, marr family
BMEII0521	2	546957	548576	-	180.9	oxidoreductase
BMEII0522	2	548297	548662	-	192.2	hypothetical protein
BMEII0523	2	548695	550125	-	189.5	glutamine synthetase
BMEII0524	2	550377	550604	-	68.8	hypothetical protein
BMEII0525	2	550612	550764	+	85.2	hypothetical protein
BMEII0526	2	550837	551814	+	85.0	transcriptional regulatory protein, lysr family
BMEII0527	2	551877	553418	+	77.9	exodeoxyribonuclease vii large subunit
BMEII0528	2	553484	554857	-	109.3	glutamate-cysteine ligase
BMEII0529	2	554957	555703	-	140.6	surface protein
BMEII0530	2	555953	556390	+	137.1	transcriptional regulator, marr family fusaric acid resistance protein fusb / fusaric acid resistance protein fusc
BMEII0531	2	556433	558529	+	53.5	
BMEII0532	2	558556	558765	+	40.3	hypothetical membrane associated protein
BMEII0533	2	558762	559619	+	16.1	fusaric acid resistance protein fuse
BMEII0534	2	559797	560213	+	20.5	hypothetical protein
BMEII0535	2	560170	561204	+	4.7	iron(iii) dicitrate-binding periplasmic protein iron(iii) dicitrate transport system permease protein fecd
BMEII0536	2	561288	562244	+	142.6	
BMEII0537	2	562241	563035	+	151.1	fece
BMEII0538	2	563092	563334	+	127.9	hypothetical protein
BMEII0539	2	563493	564962	-	111.9	hypothetical cytosolic protein
BMEII0540	2	564989	565360	-	112.0	putative regulator of purine biosynthesis
BMEII0541	2	565373	566260	-	154.0	sugar transport system permease protein
BMEII0542	2	566558	567754	-	177.5	sugar-binding protein
BMEII0543	2	567973	568746	+	144.6	short-chain dehydrogenase sn-glycerol-3-phosphate transport ATP-binding protein ugpc
BMEII0544	2	568751	569803	+	133.9	
BMEII0545	2	569775	570692	+	100.1	transcriptional regulator, rpir family
BMEII0546	2	570682	571764	+	109.6	metal-activated pyridoxal enzyme
BMEII0547	2	571778	572251	+	111.8	hypothetical cytosolic protein glycine betaine/l-proline transport ATP-binding protein prov
BMEII0548	2	572782	573978	+	162.4	
BMEII0549	2	574041	574946	+	149.3	glycine betaine/l-proline transport system permease protein prow
BMEII0550	2	575003	575866	+	147.8	glycine betaine/l-proline-binding protein prox
BMEII0551	2	575912	576811	-	161.9	transporter, dme family
BMEII0552	2	577220	577663	-	150.2	hypothetical protein
BMEII0553	2	577845	579014	-	150.7	alcohol dehydrogenase
BMEII0554	2	579115	580419	-	188.3	glutamine synthetase

BMEII0555	2	580533	581300	-	85.3	hypothetical cytosolic protein
BMEII0556	2	581461	582303	+	75.4	transcriptional regulator, rpir family
BMEII0557	2	582391	583788	+	78.3	rhodocoxin reductase
BMEII0558	2	583439	583645	+	74.4	rhodocoxin reductase
BMEII0559	2	584622	585725	+	203.7	aminomethyltransferase
BMEII0560	2	585722	586099	+	200.8	glycine cleavage system h protein
BMEII0561	2	586104	588902	+	154.1	glycine dehydrogenase (decarboxylating)
BMEII0562	2	589690	589950	+	84.2	hypothetical protein
BMEII0563	2	589932	590441	-	96.9	proline dehydrogenase transcriptional activator proline dehydrogenase / delta-1- pyrroline-5- carboxylate dehydrogenase
BMEII0564	2	590589	594272	+	80.7	
BMEII0565	2	594451	595527	+	54.5	iron(iii)-binding periplasmic protein precursor
BMEII0566	2	596211	597887	+	33.3	iron(iii)-transport system permease protein sfub
BMEII0567	2	597884	598945	+	160.4	iron(iii)-transport ATP-binding protein sfuc
BMEII0568	2	598966	599766	+	178.7	myo-inositol-1(or 4)-monophosphatase
BMEII0569	2	599798	600607	-	180.6	iolb protein
BMEII0570	2	600611	601513	-	148.8	iole protein
BMEII0571	2	601517	603406	-	197.9	iold protein
BMEII0572	2	603373	605277	-	158.9	5-dehydro-2-deoxygluconokinase
BMEII0573	2	605369	606199	-	86.7	transcriptional regulator, rpir family
BMEII0574	2	606373	607377	+	95.2	myo-inositol 2-dehydrogenase
BMEII0575	2	607475	608542	+	122.0	hypothetical protein
BMEII0576	2	608572	609477	-	151.2	hydrogen peroxide-inducible genes activator
BMEII0577	2	609634	610188	+	86.5	alkyl hydroperoxide reductase c22 protein
BMEII0578	2	610268	610795	+	92.7	ahpd
BMEII0579	2	610873	612153	-	87.1	transporter, mfs superfamily
BMEII0580	2	612862	614466	+	85.2	probable blue-copper protein yack precursor
BMEII0581	2	614736	615260	+	84.2	superoxide dismutase (cu-zn)
BMEII0582	2	615742	616845	-	100.2	sarcosine oxidase beta subunit
BMEII0583	2	617082	618185	+	109.5	iron(iii)-transport ATP-binding protein sfuc
BMEII0584	2	618311	619327	+	68.5	iron(iii)-binding periplasmic protein precursor
BMEII0585	2	619399	620745	+	55.9	iron(iii)-transport system permease protein sfub
BMEII0586	2	621296	621697	+	174.1	hypothetical protein
BMEII0587	2	621767	622111	-	181.7	sulfide dehydrogenase (flavocytochrome c)
BMEII0588	2	622221	623030	+	139.3	fdhd protein
BMEII0589	2	623031	623507	-	141.3	6,7-dimethyl-8-ribityllumazine synthase
BMEII0590	2	624454	625659	+	158.6	sugar-binding protein
BMEII0591	2	625860	626816	+	130.8	sugar transport system permease protein
BMEII0592	2	626813	627694	+	133.5	sugar transport system permease protein
BMEII0593	2	627707	628828	+	142.9	glucose ABC transporter atpase
BMEII0594	2	628851	629123	-	183.6	hypothetical protein
BMEII0595	2	629062	629346	+	187.2	hypothetical protein
BMEII0596	2	629390	630799	+	165.1	methylenomycin a resistance protein
BMEII0597	2	630998	631720	-	118.0	23S ribosomal RNA methyltransferase
BMEII0598	2	631722	633143	-	185.4	exopolyphosphatase
BMEII0599	2	633460	634221	-	168.3	cystine transport ATP-binding protein
BMEII0600	2	634218	634952	-	152.6	cystine transport system permease protein
BMEII0601	2	635078	635851	-	155.0	cystine-binding periplasmic protein precursor n-methylhydantoinase (ATP-hydrolyzing) / 5- oxoprolinase
BMEII0602	2	636137	639763	-	129.9	
BMEII0603	2	639886	640485	+	26.5	hypothetical protein
BMEII0604	2	640538	641296	-	29.9	fece ferric anguibactin transport system permease protein fatc
BMEII0605	2	641293	642246	-	67.5	
BMEII0606	2	642239	643165	-	155.3	ferric anguibactin transport system permease protein fatd
BMEII0607	2	643258	644139	-	63.9	ferric anguibactin-binding protein

BMEII0608	2	644683	645972	-	63.5	aldehyde dehydrogenase
BMEII0609	2	646255	646779	-	176.0	hypothetical protein
BMEII0610	2	646788	648380	-	168.1	fumarate/succinate/l-aspartate dehydrogenase
BMEII0611	2	648515	649276	-	156.8	integral membrane protein
BMEII0612	2	649449	649928	-	160.8	branched-chain amino acid aminotransferase
BMEII0613	2	649939	650415	-	142.1	branched-chain amino acid aminotransferase
BMEII0614	2	650342	651259	-	168.0	transporter, dme family
BMEII0615	2	651339	651605	+	161.0	hypothetical protein
BMEII0616	2	652005	652493	+	174.8	hypothetical membrane spanning protein
BMEII0617	2	652862	653707	+	131.8	xanthine/uracil permease
BMEII0618	2	653774	654223	+	127.5	xanthine/uracil permease
BMEII0619	2	654285	654884	+	118.4	deoxycytidylate deaminase
BMEII0620	2	655088	656734	-	164.1	sulfur deprivation response regulator
BMEII0621	2	656996	658051	-	130.1	sn-glycerol-3-phosphate transport ATP-binding protein ugpc
BMEII0622	2	658051	658551	-	146.3	sn-glycerol-3-phosphate transport system permease protein ugpe
BMEII0623	2	658548	658898	-	145.4	sn-glycerol-3-phosphate transport system permease protein ugpe
BMEII0624	2	658910	659665	-	150.0	sn-glycerol-3-phosphate transport system permease protein ugpa
BMEII0625	2	659855	661189	-	132.0	glycerol-3-phosphate-binding periplasmic protein precursor
BMEII0626	2	661489	662529	-	93.5	membrane dipeptidase
BMEII0627	2	662688	664433	+	67.6	probable adenine deaminase
BMEII0628	2	664434	665150	-	25.1	high-affinity branched-chain amino acid transport ATP-binding protein livf
BMEII0629	2	665147	665896	-	27.7	high-affinity branched-chain amino acid transport ATP-binding protein livg
BMEII0630	2	665880	666314	-	35.7	high-affinity branched-chain amino acid transport ATP-binding protein livg
BMEII0631	2	666431	666880	-	28.0	high-affinity branched-chain amino acid transport system permease protein livm
BMEII0632	2	666877	667746	-	58.9	high-affinity branched-chain amino acid transport system permease protein livh
BMEII0633	2	667918	669021	-	72.3	leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein precursor
BMEII0634	2	669226	670290	-	62.7	3-carboxy-cis,cis-muconate cycloisomerase
BMEII0635	2	670294	670938	-	74.2	protocatechuate 3,4-dioxygenase alpha chain
BMEII0636	2	670913	671482	-	154.2	protocatechuate 3,4-dioxygenase beta chain
BMEII0637	2	671650	672066	-	167.6	4-carboxymuconolactone decarboxylase
BMEII0638	2	672070	672873	-	118.0	3-oxoadipate enol-lactonase
BMEII0639	2	672967	673875	+	109.3	transcriptional regulatory protein, lysr family
BMEII0640	2	674286	675455	-	133.3	p-hydroxybenzoate hydroxylase
BMEII0641	2	675562	676485	+	23.5	transcriptional regulator, arac family
BMEII0642	2	676492	677262	-	5.8	pca regulon regulatory protein
BMEII0643	2	677299	677829	+	14.5	3-oxoadipate CoA-transferase subunit a
BMEII0644	2	677729	678154	+	20.9	3-oxoadipate CoA-transferase subunit a
BMEII0645	2	678151	678840	+	7.0	3-oxoadipate CoA-transferase subunit b
BMEII0646	2	678837	679202	+	24.3	acetyl-CoA acetyltransferase
BMEII0647	2	679354	679623	+	34.1	hypothetical protein
BMEII0648	2	680207	680614	+	30.8	transcriptional regulator, arac family
BMEII0649	2	680715	680996	-	40.5	hypothetical protein
BMEII0650	2	681372	682073	-	28.6	DNA polymerase iii, epsilon chain
BMEII0651	2	682140	682433	-	30.6	hypothetical protein
BMEII0652	2	682817	683137	-	36.7	hypothetical protein
BMEII0653	2	683263	683640	+	39.7	endonuclease v

BMEII0654	2	684623	685261	+	188.9	diguanylate cyclase/phosphodiesterase domain 1 (ggdef)
BMEII0655	2	685790	687979	-	146.4	alkaline phosphatase
BMEII0656	2	688150	689487	-	88.0	DNA polymerase iv
BMEII0657	2	689938	690243	+	164.2	regulator of nucleoside diphosphate kinase
BMEII0658	2	690502	690837	-	146.5	hypothetical protein
BMEII0659	2	690970	691341	+	182.4	two component response regulator
BMEII0660	2	691462	692847	+	136.3	response regulator protein
BMEII0661	2	692954	693121	-	116.7	lsu ribosomal protein l33p
BMEII0662	2	693280	694422	-	109.4	transporter, mfs superfamily
BMEII0663	2	694497	695240	-	108.5	phosphohydrolase (mutt/nudix family protein)
BMEII0664	2	695237	695824	-	118.2	zinc-finger protein
BMEII0665	2	695697	698048	-	134.8	ribonuclease r
BMEII0666	2	698052	700757	-	153.9	DNA topoisomerase i
BMEII0667	2	701118	702299	-	167.0	smf protein
BMEII0668	2	702296	702901	-	173.6	putative integral membrane protein
BMEII0669	2	702976	704262	-	135.0	dihydroorotase
BMEII0670	2	704259	705227	-	117.3	aspartate carbamoyltransferase catalytic chain
BMEII0671	2	705384	707039	+	136.3	acyl-CoA dehydrogenase
BMEII0672	2	707024	707512	-	137.2	DNA integration/recombination/inversion protein
BMEII0673	2	707612	708325	+	131.8	metal dependent hydrolase
BMEII0674	2	708420	708707	+	186.1	glutamyl-tRNA(gln) amidotransferase subunit c
BMEII0675	2	708760	710247	+	173.1	glutamyl-tRNA(gln) amidotransferase subunit a
BMEII0676	2	710669	712768	-	148.8	DNA gyrase subunit b
BMEII0677	2	713073	714002	+	152.8	transporter, dme family
BMEII0678	2	714006	714800	-	21.1	lipoate-protein ligase b
BMEII0679	2	714928	716397	-	14.8	sensory transduction histidine kinase
BMEII0680	2	717119	717367	+	35.4	hypothetical protein
BMEII0681	2	717641	719053	-	14.7	virulence protein
BMEII0682	2	719050	721668	-	9.9	oxacillin resistance-associated protein fmtc
BMEII0683	2	721841	722602	+	172.0	cytochrome c-type biogenesis protein ceda
BMEII0684	2	722642	724048	+	68.6	glucosamine-1-phosphate acetyltransferase / udp-n-acetylglucosamine pyrophosphorylase glucosamine-fructose-6-phosphate
BMEII0685	2	724137	725975	+	3.1	aminotransferase (isomerizing)
BMEII0686	2	726130	728274	-	9.6	ATP-dependent DNA helicase recg
BMEII0687	2	728389	728682	+	43.2	hypothetical cytosolic protein
BMEII0688	2	728693	732205	+	84.5	transcription-repair coupling factor
BMEII0689	2	732277	732696	+	112.7	fosfomycin resistance protein
BMEII0690	2	732874	733548	-	94.2	fine
BMEII0691	2	733718	735562	-	155.0	periplasmic oligopeptide-binding protein precursor
BMEII0692	2	735964	736527	+	152.8	hypothetical membrane associated protein
BMEII0693	2	736660	736998	-	155.6	hypothetical cytosolic protein
BMEII0694	2	737071	738429	-	132.2	2-octaprenyl-6-methoxyphenol hydroxylase
BMEII0695	2	738645	739445	+	149.0	phosphatidylcholine synthase
BMEII0696	2	739442	740158	+	136.5	quinone oxidoreductase
BMEII0697	2	740234	740416	+	185.1	quinone oxidoreductase
BMEII0698	2	740520	742082	+	178.0	sugar transport ATP-binding protein
BMEII0699	2	742079	743080	+	147.9	mglc
BMEII0700	2	742981	743163	+	144.3	mglc
BMEII0701	2	743174	744088	+	152.4	ribose transport system permease protein rbsc
BMEII0702	2	744147	745238	+	186.9	ABC transporter periplasmic binding protein
BMEII0703	2	745378	746691	-	164.3	fe-s oxidoreductase
BMEII0704	2	746855	747340	-	155.2	bacterioferritin
BMEII0705	2	747306	747617	-	152.8	hypothetical protein
BMEII0706	2	748073	748387	-	197.9	hypothetical cytosolic protein
BMEII0707	2	748504	748965	-	169.2	rrf2 family protein

BMEII0708	2	749211	749669	-	188.1	regulatory protein
BMEII0709	2	750142	750504	-	132.2	hypothetical protein
BMEII0710	2	751312	751677	+	93.8	transposase
BMEII0711	2	751764	752225	+	85.0	transposase
BMEII0712	2	752222	752575	+	74.3	transcriptional regulator
BMEII0713	2	752625	753743	+	117.3	transposase
BMEII0714	2	753510	754271	-	178.6	transposase
BMEII0715	2	754193	754798	+	191.4	preprotein translocase subunit-like protein
BMEII0716	2	755120	755281	+	157.3	transposase
BMEII0717	2	755374	757398	+	194.3	hemagglutinin
BMEII0718	2	757373	757741	+	24.0	transposase
BMEII0719	2	757738	758016	+	33.1	transposase
BMEII0720	2	758549	758758	+	142.3	transcriptional regulator
BMEII0721	2	758809	759720	+	140.0	transcriptional regulator, arac family
BMEII0722	2	759754	760080	+	130.7	hypothetical protein
BMEII0723	2	760197	760814	-	153.8	hypothetical protein
BMEII0724	2	760811	761542	-	158.7	endoglucanase h
BMEII0725	2	761512	761793	-	169.5	hypothetical protein
BMEII0726	2	761804	762349	-	162.9	hypothetical protein
BMEII0727	2	762339	763763	-	168.8	udp-glucose 6-dehydrogenase
BMEII0728	2	763778	765196	-	163.3	cellulose synthase catalytic subunit (udp-forming)
BMEII0729	2	764974	765570	-	167.7	cellulose synthase catalytic subunit (udp-forming)
BMEII0730	2	765611	766597	-	124.8	udp-glucose 4-epimerase
BMEII0731	2	766597	767187	-	114.2	dtdp-glucose 4-6-dehydratase
BMEII0732	2	767148	767405	+	115.1	hypothetical protein
BMEII0733	2	767435	767782	+	108.2	hypothetical protein
BMEII0734	2	768278	769786	+	180.0	periplasmic oligopeptide-binding protein precursor
BMEII0735	2	769898	771475	+	186.9	periplasmic oligopeptide-binding protein precursor
BMEII0736	2	771660	772613	+	181.4	oppb
BMEII0737	2	772579	773739	+	118.8	oppc
BMEII0738	2	773696	775351	+	115.6	oligopeptide transport ATP-binding protein oppd
BMEII0739	2	775433	776071	+	144.6	alkylated DNA repair protein alkb
BMEII0740	2	776230	777576	-	142.0	transporter, mfs superfamily
BMEII0741	2	777787	778809	+	152.9	d-aminopeptidase
BMEII0742	2	779980	781569	+	179.6	cell division protein ftsk
BMEII0743	2	782329	783024	+	138.9	surfeit locus protein 1
BMEII0744	2	783013	783342	-	134.1	dihydrolipoamide dehydrogenase
BMEII0745	2	783388	784314	-	97.7	dihydrolipoamide dehydrogenase
BMEII0746	2	784412	785707	-	79.8	lipoamide acyltransferase component of branched-chain alpha-keto acid dehydrogenase complex
BMEII0747	2	785708	786721	-	86.3	2-oxoisovalerate dehydrogenase beta subunit
BMEII0748	2	786825	788057	-	84.9	2-oxoisovalerate dehydrogenase alpha subunit
BMEII0749	2	788354	788605	-	156.3	hypothetical protein
BMEII0750	2	788658	789659	-	174.0	maltose/maltodextrin transport ATP-binding protein malk
BMEII0751	2	789689	790624	-	154.8	oxidoreductase
BMEII0752	2	790756	791595	-	156.1	maltose transport system permease protein malg
BMEII0753	2	791608	792627	-	186.8	sorbitol/mannitol transport inner membrane protein
BMEII0754	2	792925	793647	-	109.1	sugar-binding protein
BMEII0755	2	793741	794160	-	109.2	sugar-binding protein
BMEII0756	2	794494	795420	+	104.4	n-acetylglucosamine kinase
BMEII0757	2	795411	796190	+	121.9	transcriptional regulator, gntr family
BMEII0758	2	796241	796396	-	94.1	protein ybgt
BMEII0759	2	796413	797480	-	87.3	cytochrome d ubiquinol oxidase subunit ii
BMEII0760	2	797571	799232	-	130.7	cytochrome d ubiquinol oxidase subunit i
BMEII0761	2	799291	800964	-	182.0	transport ATP-binding protein cydc
BMEII0762	2	800970	802706	-	104.2	transport ATP-binding protein cydd

BMEII0763	2	802703	803287	-	153.8	transcriptional regulator, arsr family
BMEII0764	2	803315	803566	-	173.1	hypothetical protein
BMEII0765	2	803664	804026	-	177.4	potassium efflux system protein phag
BMEII0766	2	804023	804304	-	179.1	ph adaptation potassium efflux system protein f
BMEII0767	2	804301	804816	-	153.2	potassium efflux system protein phae
BMEII0768	2	804813	806441	-	106.3	potassium efflux system protein phad
BMEII0769	2	806444	806782	-	102.0	potassium efflux system protein phac potassium efflux system protein phaa / potassium efflux system protein phab
BMEII0770	2	806782	809694	-	153.1	hydroxyacylglutathione hydrolase
BMEII0771	2	810141	811469	-	133.5	hypothetical cytosolic protein
BMEII0772	2	811793	812392	+	89.6	molybdopterin biosynthesis mog protein
BMEII0773	2	812444	812962	-	97.5	hypothetical protein
BMEII0774	2	813225	813506	+	99.6	biotin synthase
BMEII0775	2	813862	814902	+	93.1	8-amino-7-oxononanoate synthase
BMEII0776	2	814899	816035	+	95.9	dethiobiotin synthetase
BMEII0777	2	816032	816670	+	89.1	adenosylmethionine-8-amino-7-oxononanoate aminotransferase
BMEII0778	2	816667	817941	+	129.2	3-oxoacyl-[acyl-carrier-protein] synthase iii
BMEII0779	2	817938	818918	+	158.5	hypothetical protein
BMEII0780	2	819147	819536	-	137.3	homoserine o-succinyltransferase
BMEII0781	2	819762	820682	+	168.2	lysozyme m1 precursor
BMEII0782	2	820750	821502	-	167.4	na(+)-linked d-alanine glycine permease
BMEII0783	2	821676	823109	+	172.8	putative hydroxylase
BMEII0784	2	823361	824140	-	158.5	transcriptional regulator, marr family
BMEII0785	2	824462	824911	+	195.0	NADH dehydrogenase
BMEII0786	2	824943	826268	+	185.5	putative uroporphyrin-iii c-methyltransferase
BMEII0787	2	826391	826741	-	188.6	hypothetical protein
BMEII0788	2	826936	827169	-	164.0	hypothetical protein
BMEII0789	2	827166	827480	-	29.6	hypothetical protein
BMEII0790	2	827461	827661	+	42.6	hypothetical protein
BMEII0791	2	827855	828571	+	16.4	two component response regulator
BMEII0792	2	828568	829992	+	7.1	sensory transduction histidine kinase
BMEII0793	2	830064	831041	-	3.1	multidrug resistance efflux pump
BMEII0794	2	831138	832130	-	4.5	multidrug resistance protein b
BMEII0795	2	831952	832686	-	5.2	multidrug resistance protein b
BMEII0796	2	832760	833128	-	24.0	transcriptional regulator, marr family
BMEII0797	2	833526	834617	+	0.4	ABC transporter substrate-binding protein
BMEII0798	2	834630	835430	+	9.4	nitrate transport ATP-binding protein nrct
BMEII0799	2	835387	836241	+	7.5	nitrate transport permease protein nrctb
BMEII0800	2	836248	836727	-	24.1	transcriptional regulator
BMEII0801	2	836684	837823	-	149.0	daunorubicin resistance transmembrane protein
BMEII0802	2	837820	838839	-	168.4	daunorubicin resistance ATP-binding protein drra
BMEII0803	2	838751	839695	-	183.4	multidrug resistance protein a
BMEII0804	2	839700	840419	-	164.8	transcriptional regulator, tetr family
BMEII0805	2	840722	841036	-	169.8	hypothetical protein
BMEII0806	2	840996	842054	-	181.0	putative transmembrane protein
BMEII0807	2	842300	843007	+	166.4	transcriptional regulator, gntr family
BMEII0808	2	843030	843686	-	159.5	gene ii and x proteins
BMEII0809	2	843464	843871	-	159.9	hypothetical membrane spanning protein
BMEII0810	2	843871	844224	-	140.0	transcriptional regulator, arsr family
BMEII0811	2	844558	845448	+	160.9	hypothetical membrane spanning protein
BMEII0812	2	846194	846688	+	193.2	polypeptide deformylase
BMEII0813	2	846741	847979	-	179.6	d-3-phosphoglycerate dehydrogenase
BMEII0814	2	848203	849186	-	143.5	transcriptional regulator, arac family
BMEII0815	2	849274	850980	+	141.2	acetyl-coenzyme a synthetase
BMEII0816	2	850993	851760	+	190.7	3-oxoacyl-(acyl-carrier protein) reductase
BMEII0817	2	851829	853019	+	189.9	acetyl-CoA acetyltransferase

BMEII0818	2	853019	854161	+	132.9	acyl-CoA dehydrogenase, short-chain specific
BMEII0819	2	854146	854586	-	103.5	transcriptional regulator
BMEII0820	2	854671	855570	-	94.7	als operon regulatory protein
BMEII0821	2	855663	856376	+	105.2	multidrug resistance protein
BMEII0822	2	856241	856963	+	100.8	multidrug resistance protein
BMEII0823	2	857090	857257	+	75.8	glycerol kinase
BMEII0824	2	857516	858586	+	162.2	glycerol kinase
BMEII0825	2	858703	859983	+	141.4	uracil permease
BMEII0826	2	860179	860835	-	138.9	hypothetical cytosolic protein
BMEII0827	2	860832	861719	-	164.6	glucose-1-phosphate cytidyltransferase possible s-adenosylmethionine-dependent
BMEII0828	2	861644	862210	-	164.9	methyltransferase possible s-adenosylmethionine-dependent
BMEII0829	2	862282	862944	-	159.1	methyltransferase dtdp-4-dehydrorhamnose 3,5-epimerase / dtdp-4-
BMEII0830	2	863234	863788	+	135.8	dehydrorhamnose reductase
BMEII0831	2	863751	865064	-	133.1	hypothetical protein
BMEII0832	2	865103	866170	-	136.7	udp-glucose 4-epimerase
BMEII0833	2	866285	867619	-	114.3	hypothetical protein
BMEII0834	2	867598	868959	-	158.9	glutamate-1-semialdehyde 2,1-aminomutase
BMEII0835	2	868997	869920	-	186.2	glycosyl transferase
BMEII0836	2	870493	871734	+	154.1	dtdp-4-dehydrorhamnose 3,5-epimerase
BMEII0837	2	871690	872703	-	111.3	glycosyl transferase
BMEII0838	2	872719	874224	-	106.3	succinoglycan biosynthesis transport protein exot putative undecaprenyl-phosphate alpha-n-
BMEII0839	2	874562	875626	+	87.3	acetylglucosaminyltransferase
BMEII0840	2	875548	876504	+	38.3	biogenesis
BMEII0841	2	876576	877118	+	46.5	hypothetical protein
BMEII0842	2	877115	878377	+	61.1	hypothetical protein putative colanic acid biosynthesis acetyltransferase
BMEII0843	2	878500	879003	+	89.2	wcaf
BMEII0844	2	879463	880122	+	165.5	precursor
BMEII0845	2	880193	881317	-	145.1	acetylglucosaminyltransferase
BMEII0846	2	881314	882537	-	131.8	glycosyl transferase
BMEII0847	2	882570	883886	-	131.7	glycosyl transferase
BMEII0848	2	884084	885154	+	80.4	gdp-mannose 4,6-dehydratase
BMEII0849	2	885138	885878	+	74.3	gdp-4-dehydro-d-rhamnose reductase
BMEII0850	2	885773	886117	+	63.5	gdp-fucose synthetase
BMEII0851	2	886222	887400	-	92.3	precursor
BMEII0852	2	887479	889668	-	140.0	succinoglycan biosynthesis transport protein exop
BMEII0853	2	889705	890472	-	198.5	two component response regulator
BMEII0854	2	890946	891593	+	155.9	transcription regulator, crp family
BMEII0855	2	891594	891869	-	120.1	hypothetical protein
BMEII0856	2	891970	893154	-	56.8	hypothetical protein n-acetylmannosamine-6-phosphate 2-epimerase /
BMEII0857	2	893160	894716	-	17.9	n-acetylmannosamine kinase
BMEII0858	2	894897	895625	+	43.6	transcriptional regulator, gntr family
BMEII0859	2	895703	897205	+	79.6	oligopeptide-binding protein appa precursor
BMEII0860	2	897368	898264	+	14.8	appb
BMEII0861	2	898230	899138	+	22.2	appc
BMEII0862	2	899107	900075	+	12.6	dihydrodipicolinate synthase
BMEII0863	2	900086	901102	+	24.5	oligopeptide transport ATP-binding protein appd
BMEII0864	2	901018	902052	+	13.5	oligopeptide transport ATP-binding protein appf 1-carboxy-3-chloro-3,4-dihydroxycyclo hexa-1,5-
BMEII0865	2	902126	903115	-	26.4	diene dehydrogenase
BMEII0866	2	903103	904056	-	84.7	oxidoreductase
BMEII0867	2	904302	905429	-	82.0	alcohol dehydrogenase

BMEII0868	2	905492	906655	-	113.0	leucine-specific binding protein precursor
BMEII0869	2	906747	908198	-	168.5	succinate-semialdehyde dehydrogenase (nadp+)
BMEII0870	2	908202	909947	-	181.7	alcohol dehydrogenase (acceptor)
BMEII0871	2	909841	910692	-	166.9	shikimate 5-dehydrogenase
BMEII0872	2	910664	911461	-	173.7	short chain dehydrogenase
BMEII0873	2	911464	912222	-	172.8	high-affinity branched-chain amino acid transport ATP-binding protein livf system permease protein livh / high-affinity branched-chain amino acid transport ATP-binding protein livg
BMEII0874	2	912155	914905	-	178.2	leucine-specific binding protein precursor
BMEII0875	2	914927	916186	-	115.4	quinone oxidoreductase
BMEII0876	2	916222	917262	-	111.3	hypothetical protein
BMEII0877	2	917222	917443	-	185.0	transcriptional regulator, gntr family
BMEII0878	2	917465	918178	+	201.7	putative cytochrome p450 yjib
BMEII0879	2	918249	919430	-	7.5	acetate kinase
BMEII0880	2	919856	921061	+	0.4	transketolase
BMEII0881	2	921082	923460	+	6.6	nitrogen fixation protein vnfa
BMEII0882	2	923718	925091	-	177.1	high-affinity iron permease
BMEII0883	2	925112	925948	-	173.4	hypothetical protein
BMEII0884	2	925955	926329	-	171.3	19 kDa periplasmic protein
BMEII0885	2	926357	926914	-	169.8	hypothetical protein
BMEII0886	2	927088	927297	-	192.2	hypothetical protein
BMEII0887	2	927328	928851	-	148.3	gmp synthase (glutamine-hydrolyzing) 5'-methylthioadenosine nucleosidase / s-adenosylhomocysteine nucleosidase
BMEII0888	2	928960	929589	-	117.7	phenylacetic acid degradation protein paai
BMEII0889	2	929589	930215	-	117.1	16S ribosomal RNA m(5)c 967 methyltransferase
BMEII0890	2	930325	931467	-	175.9	disulfide bond formation protein b
BMEII0891	2	931686	932414	-	180.4	hypothetical protein
BMEII0892	2	932443	932616	-	196.0	catalase
BMEII0893	2	932747	934270	-	175.7	hydrogen peroxide-inducible genes activator
BMEII0894	2	934416	935369	+	117.4	hypothetical protein
BMEII0895	2	935603	936547	+	149.0	inosine-5'-monophosphate dehydrogenase
BMEII0896	2	936707	938206	-	150.9	chloride channel protein
BMEII0897	2	938362	939750	+	130.6	endo-type 6-aminohexanoate oligomer hydrolase
BMEII0898	2	939873	940880	+	110.9	phosphomannomutase
BMEII0899	2	941000	942433	+	146.9	mannose-6-phosphate isomerase / mannose-1-phosphate guanylyl transferase (gdp)
BMEII0900	2	942430	943845	+	157.1	transcriptional regulatory protein, lysr family
BMEII0901	2	943966	944253	-	109.7	transcriptional regulatory protein, lysr family
BMEII0902	2	944334	944741	-	198.1	hypothetical protein
BMEII0903	2	945144	945347	+	146.2	rtn protein
BMEII0904	2	945642	947234	+	151.1	hypothetical protein
BMEII0905	2	947311	947562	-	121.9	protein hdea precursor
BMEII0906	2	948074	948313	-	126.7	glutaminase
BMEII0907	2	948566	948961	-	122.5	glutaminase
BMEII0908	2	948916	949518	-	101.0	glutamate/gamma-aminobutyrate antiporter
BMEII0909	2	949554	951086	-	111.8	glutamate decarboxylase beta
BMEII0910	2	951159	952073	-	101.0	glutamate decarboxylase alpha
BMEII0911	2	952074	952577	-	199.8	hypothetical protein
BMEII0912	2	952675	952887	-	209.6	hypothetical protein
BMEII0913	2	953251	953784	+	153.4	hypothetical protein
BMEII0914	2	953838	955193	+	111.9	acriflavin resistance protein a precursor
BMEII0915	2	955197	956426	+	114.8	acriflavin resistance protein f
BMEII0916	2	956164	958422	+	160.7	acriflavin resistance protein d
BMEII0917	2	958419	958919	+	190.0	hypothetical protein
BMEII0918	2	959061	959621	-	194.3	hypothetical protein
BMEII0919	2	959825	960049	-	200.5	hypothetical protein

BMEII0920	2	960537	961313	-	157.7	spermidine/putrescine transport system permease protein potc
BMEII0921	2	961332	962492	-	26.7	spermidine/putrescine transport system permease protein potb
BMEII0922	2	962489	963556	-	6.0	spermidine/putrescine transport ATP-binding protein pota
BMEII0923	2	963630	964676	-	4.0	spermidine/putrescine-binding periplasmic protein
BMEII0924	2	965157	965444	+	32.2	hypothetical protein
BMEII0925	2	965984	966256	-	121.8	cell division inhibitor mine
BMEII0926	2	966253	966990	-	39.8	cell division inhibitor mind
BMEII0927	2	967096	967857	-	40.6	cell division inhibitor minc
BMEII0928	2	968329	968553	+	40.3	hypothetical protein
BMEII0929	2	968723	969730	-	30.8	ribonucleoside-diphosphate reductase beta chain
BMEII0930	2	969727	971943	-	33.9	ribonucleoside-diphosphate reductase alpha chain
BMEII0931	2	971919	972326	-	24.2	nrdi protein
BMEII0932	2	972340	972573	-	38.2	glutaredoxin
BMEII0933	2	972831	973160	+	34.9	hypothetical protein
BMEII0934	2	973238	973708	-	79.9	nickel resistance protein
BMEII0935	2	973752	974786	-	89.5	nickel resistance protein
BMEII0936	2	975081	975311	-	92.3	hypothetical protein
BMEII0937	2	975314	975577	-	107.1	hypothetical protein
BMEII0938	2	975814	976860	-	101.8	myo-inositol 2-dehydrogenase
BMEII0939	2	976869	977678	-	175.2	thua
BMEII0940	2	977717	978391	-	92.3	maltose/maltodextrin transport ATP-binding protein malk
BMEII0941	2	978154	978717	-	97.6	maltose/maltodextrin transport ATP-binding protein malk
BMEII0942	2	978724	979536	-	91.2	maltose transport system permease protein malg
BMEII0943	2	979539	980060	-	98.2	maltose transport system permease protein malf
BMEII0944	2	979855	980517	-	94.5	maltose transport system permease protein malf
BMEII0945	2	980594	981859	-	67.3	maltose-binding periplasmic protein
BMEII0946	2	982210	983226	+	45.8	laci-family transcription regulator
BMEII0947	2	983281	983991	-	47.5	transcription regulator, crp family
BMEII0948	2	984229	987084	+	175.0	nitrite extrusion protein
BMEII0949	2	986999	988390	+	178.7	respiratory nitrate reductase 1 alpha chain
BMEII0950	2	987988	990765	+	182.9	nitrate reductase alpha chain
BMEII0951	2	990762	992300	+	156.9	nitrate reductase beta chain
BMEII0952	2	992300	993007	+	112.9	nitrate reductase delta chain
BMEII0953	2	993018	993743	+	124.0	respiratory nitrate reductase 2 gamma chain
BMEII0954	2	993869	994684	+	111.8	peptidyl-prolyl cis-trans isomerase c
BMEII0955	2	994681	995217	+	114.3	hypothetical protein
BMEII0956	2	995227	995817	-	157.0	3-octaprenyl-4-hydroxybenzoate carboxy-lyase
BMEII0957	2	995814	997328	-	190.8	vdcc protein
BMEII0958	2	997445	997966	+	183.8	sterol binding protein
BMEII0959	2	997957	998934	+	173.4	protease
BMEII0960	2	998937	999869	+	172.9	protease
BMEII0961	2	1E+06	1001142	+	16.5	taurine transport ATP-binding protein taub
BMEII0962	2	1E+06	1001930	+	26.2	taurine transport permease protein tauc
BMEII0963	2	1E+06	1002997	+	16.6	taurine-binding periplasmic protein precursor
BMEII0964	2	1E+06	1004312	-	129.2	asparagine synthetase b (glutamine-hydrolyzing)
BMEII0965	2	1E+06	1004803	-	185.2	pseudoazurin
BMEII0966	2	1E+06	1005390	-	150.0	transcription regulator, crp family
BMEII0967	2	1E+06	1006733	-	98.7	nosx
BMEII0968	2	1E+06	1006752	-	89.0	nosx
BMEII0969	2	1E+06	1007303	-	101.1	outer-membrane lipoprotein nosl
BMEII0970	2	1E+06	1008121	-	100.7	membrane protein nosy precursor
BMEII0971	2	1E+06	1009113	-	158.4	copper transport ATP-binding protein nosf

BMEII0972	2	1E+06	1010500	-	163.5	copper-binding periplasmic protein precursor
BMEII0973	2	1E+06	1011609	-	199.0	nitrous-oxide reductase
BMEII0974	2	1E+06	1012425	-	157.8	nitrous-oxide reductase
BMEII0975	2	1E+06	1014671	-	128.0	regulatory protein nosr
BMEII0976	2	1E+06	1017210	+	146.6	ABC transporter ATP-binding protein
BMEII0977	2	1E+06	1017834	+	161.5	hypothetical protein
BMEII0978	2	1E+06	1018496	+	152.9	hypothetical protein
BMEII0979	2	1E+06	1020249	-	165.3	d-ribulokinase
BMEII0980	2	1E+06	1020978	-	174.4	ribitol 2-dehydrogenase
BMEII0981	2	1E+06	1022462	-	166.3	xylose transport system permease protein xylh
BMEII0982	2	1E+06	1023368	-	180.0	galactoside transport ATP-binding protein mgla
BMEII0983	2	1E+06	1024710	-	188.7	d-galactose-binding periplasmic protein precursor
BMEII0984	2	1E+06	1024945	+	150.5	hypothetical protein
BMEII0985	2	1E+06	1026181	-	190.5	ribitol operon repressor
BMEII0986	2	1E+06	1026959	-	183.6	transcription regulator, crp family
BMEII0987	2	1E+06	1027911	-	130.2	nirv precursor
BMEII0988	2	1E+06	1029244	-	51.1	copper-containing nitrite reductase precursor
BMEII0989	2	1E+06	1030202	-	21.4	hypothetical protein
BMEII0990	2	1E+06	1030833	-	32.5	farnesyl cysteine carboxyl-methyltransferase
BMEII0991	2	1E+06	1032005	-	29.6	hypothetical membrane spanning protein
BMEII0992	2	1E+06	1032455	-	183.1	mrp protein homolog a
BMEII0993	2	1E+06	1032989	-	190.6	hypothetical protein
BMEII0994	2	1E+06	1033822	-	144.5	hypothetical protein
BMEII0995	2	1E+06	1034703	-	121.5	hypothetical protein
BMEII0996	2	1E+06	1036761	-	188.9	nord protein
BMEII0997	2	1E+06	1037585	-	182.5	norq protein
BMEII0998	2	1E+06	1039025	-	73.7	nitric-oxide reductase subunit b
BMEII0999	2	1E+06	1039503	-	38.4	nitric-oxide reductase cytochrome c chain
BMEII1000	2	1E+06	1039941	-	55.1	norf
BMEII1001	2	1E+06	1040518	-	78.7	nore protein
BMEII1002	2	1E+06	1041247	+	127.6	calcium or iron-binding protein
BMEII1003	2	1E+06	1042583	-	131.4	putative o-antigen transporter
BMEII1004	2	1E+06	1042842	-	131.3	hypothetical protein
BMEII1005	2	1E+06	1043857	+	122.0	malate dehydrogenase
BMEII1006	2	1E+06	1044882	-	81.6	dihydrodipicolinate synthase
BMEII1007	2	1E+06	1045684	-	82.1	transcriptional regulator, gntr family
BMEII1008	2	1E+06	1046793	+	59.6	integral membrane protein
BMEII1009	2	1E+06	1048251	+	182.7	c-di-gmp phosphodiesterase a
BMEII1010	2	1E+06	1049271	-	93.7	thiamine biosynthesis lipoprotein apbe precursor sulfite reductase (nadph) flavoprotein alpha- component
BMEII1011	2	1E+06	1051453	-	138.2	component
BMEII1012	2	1E+06	1051934	-	30.6	hypothetical protein
BMEII1013	2	1E+06	1052437	-	42.1	hypothetical cytosolic protein
BMEII1014	2	1E+06	1053315	+	33.2	two component response regulator
BMEII1015	2	1E+06	1054655	+	19.3	two-component system sensor
BMEII1016	2	1E+06	1055593	+	31.2	protease i
BMEII1017	2	1E+06	1056103	-	58.4	mercuric resistance operon regulatory protein
BMEII1018	2	1E+06	1057463	+	132.0	NADH oxidase
BMEII1019	2	1E+06	1058694	-	148.5	alpha-methylacyl-CoA racemase
BMEII1020	2	1E+06	1060549	-	87.4	3-hydroxybutyryl-CoA dehydrogenase
BMEII1021	2	1E+06	1061219	-	91.1	enoyl-CoA hydratase
BMEII1022	2	1E+06	1062309	+	183.8	transcriptional regulator
BMEII1023	2	1E+06	1063508	+	150.5	acyl-CoA dehydrogenase, short-chain specific
BMEII1024	2	1E+06	1064808	+	176.2	cis,cis-muconate transport protein
BMEII1025	2	1E+06	1065078	-	148.1	hypothetical protein
BMEII1026	2	1E+06	1066943	+	123.9	DNA mismatch repair protein mutl
BMEII1027	2	1E+06	1067277	+	50.4	hypothetical protein

BMEII1028	2	1E+06	1068316	-	37.9	tetraacyldisaccharide 4'-kinase
BMEII1029	2	1E+06	1069659	-	16.6	3-deoxy-d-manno-octulosonic-acid transferase
BMEII1030	2	1E+06	1070399	-	30.7	putative lipoprotein
BMEII1031	2	1E+06	1070714	-	43.7	hypothetical cytosolic protein
BMEII1032	2	1E+06	1071562	-	35.0	myo-inositol-1(or 4)-monophosphatase
BMEII1033	2	1E+06	1072841	-	184.8	pmba protein
BMEII1034	2	1E+06	1074938	+	153.2	protein
BMEII1035	2	1E+06	1075832	-	39.2	serine protease
BMEII1036	2	1E+06	1077195	-	52.9	zinc protease
BMEII1037	2	1E+06	1078601	-	176.8	zinc protease
BMEII1038	2	1E+06	1079503	-	167.8	methyltransferase
BMEII1039	2	1E+06	1081079	-	176.3	tRNA pseudouridine synthase a
BMEII1040	2	1E+06	1081741	+	178.6	cytosine deaminase
BMEII1041	2	1E+06	1082376	-	185.2	cytochrome b561
BMEII1042	2	1E+06	1083305	-	209.9	hypothetical protein
BMEII1043	2	1E+06	1086481	-	133.9	isoleucyl-tRNA synthetase
BMEII1044	2	1E+06	1087814	-	95.5	riboflavin kinase / fmn adenylyltransferase had superfamily protein involved in n-acetyl- glucosamine catabolism
BMEII1045	2	1E+06	1088762	-	131.6	glucosamine catabolism
BMEII1046	2	1E+06	1089142	-	198.7	hypothetical protein
BMEII1047	2	1E+06	1089527	+	184.8	10 kDa chaperonin groES
BMEII1048	2	1E+06	1091258	+	92.5	60 kDa chaperonin groel
BMEII1049	2	1E+06	1091608	+	95.9	hypothetical protein
BMEII1050	2	1E+06	1092192	+	99.8	hypothetical protein
BMEII1051	2	1E+06	1093734	+	107.7	fumarate hydratase c
BMEII1052	2	1E+06	1094238	+	112.4	transporter
BMEII1053	2	1E+06	1095762	+	95.8	glucose/galactose transporter
BMEII1054	2	1E+06	1096530	-	70.5	ATP phosphoribosyltransferase
BMEII1055	2	1E+06	1097663	-	66.8	histidyl-tRNA synthetase
BMEII1056	2	1E+06	1099174	-	144.5	histidyl-tRNA synthetase
BMEII1057	2	1E+06	1099902	-	156.1	transporter, lyse family
BMEII1058	2	1E+06	1100701	-	171.8	DNA-3-methyladenine glycosylase i
BMEII1059	2	1E+06	1101651	+	166.2	protein ybis precursor
BMEII1060	2	1E+06	1102754	+	103.4	2,5-diketo-d-gluconic acid reductase
BMEII1061	2	1E+06	1104266	-	78.4	(s)-2-hydroxy-acid oxidase subunit glcf
BMEII1062	2	1E+06	1105305	-	7.9	(s)-2-hydroxy-acid oxidase subunit glce
BMEII1063	2	1E+06	1105504	-	44.3	glycolate oxidase subunit glce
BMEII1064	2	1E+06	1107145	-	60.3	(s)-2-hydroxy-acid oxidase chain d
BMEII1065	2	1E+06	1108287	+	58.4	transcriptional regulatory protein, lysr family
BMEII1066	2	1E+06	1109221	+	60.1	pyruvate dehydrogenase complex repressor
BMEII1067	2	1E+06	1110105	+	52.9	hypothetical cytosolic protein
BMEII1068	2	1E+06	1110679	-	65.8	cytochrome c2 precursor
BMEII1069	2	1E+06	1112423	-	162.7	adhesin aida-i
BMEII1070	2	1E+06	1112968	-	203.0	adhesin aida-i
BMEII1071	2	1E+06	1114083	-	177.4	hypothetical protein
BMEII1072	2	1E+06	1114437	-	127.2	hypothetical protein
BMEII1073	2	1E+06	1115514	-	160.7	cytochrome b561
BMEII1074	2	1E+06	1116788	-	156.3	citrate lyase beta chain
BMEII1075	2	1E+06	1117612	-	157.1	hypothetical cytosolic protein
BMEII1076	2	1E+06	1118903	-	159.9	alpha-methylacyl-CoA racemase
BMEII1077	2	1E+06	1119967	+	167.2	transcriptional regulatory protein, lysr family
BMEII1078	2	1E+06	1120540	-	186.4	hypothetical protein
BMEII1079	2	1E+06	1121086	-	62.9	hypothetical protein
BMEII1080	2	1E+06	1121921	-	45.3	flagellar biosynthetic protein flip
BMEII1081	2	1E+06	1122292	-	23.6	flagellar protein flil
BMEII1082	2	1E+06	1123150	-	20.8	flagellar l-ring protein flgh
BMEII1083	2	1E+06	1123701	-	26.6	hypothetical protein

BMEII1084	2	1E+06	1124777	-	150.0	flagellar p-ring protein flgi
BMEII1085	2	1E+06	1125486	-	144.0	flagella basal body p ring formation protein flga
BMEII1086	2	1E+06	1126337	-	151.7	flagellar basal-body rod protein flgg
BMEII1087	2	1E+06	1126758	-	136.4	flagellar hook-basal body complex protein flie
BMEII1088	2	1E+06	1127180	-	186.9	flagellar basal-body rod protein flgc
BMEII1089	2	1E+06	1127563	-	192.0	flagellar basal-body rod protein flgb
BMEII1090	2	1E+06	1128835	+	175.9	d-beta-hydroxybutyrate dehydrogenase
BMEII1091	2	1E+06	1130111	+	178.2	protein
BMEII1092	2	1E+06	1130896	+	195.2	hydroxypyruvate isomerase
BMEII1093	2	1E+06	1131684	+	126.2	glycerol-3-phosphate regulon repressor
BMEII1094	2	1E+06	1132649	+	19.3	4-hydroxybutyrate dehydrogenase
BMEII1095	2	1E+06	1133307	+	15.3	l-fuculose phosphate aldolase
BMEII1096	2	1E+06	1134634	+	10.7	putative tartrate transporter
BMEII1097	2	1E+06	1135235	-	34.7	probable transcriptional regulator syrb
BMEII1098	2	1E+06	1136649	-	66.8	transcriptional regulator, arac family
BMEII1099	2	1E+06	1138254	-	137.4	melittin resistance protein pqab
BMEII1100	2	1E+06	1139093	-	146.9	cellobiose phosphotransferase system celc bactoprenol glucosyl transferase / bactoprenol
BMEII1101	2	1E+06	1139967	-	163.0	apolipoprotein n-acyltransferase
BMEII1102	2	1E+06	1140353	-	161.0	hypothetical protein
BMEII1103	2	1E+06	1141874	+	152.2	phosphatidylglycerophosphatase b
BMEII1104	2	1E+06	1142243	-	149.3	hypothetical protein
BMEII1105	2	1E+06	1143643	-	161.1	flagellum-specific ATP synthase
BMEII1106	2	1E+06	1143863	-	181.8	hypothetical protein
BMEII1107	2	1E+06	1144590	-	164.5	flagellar basal-body rod protein flgf
BMEII1108	2	1E+06	1145378	-	187.7	flagellar basal-body rod protein flgf
BMEII1109	2	1E+06	1146396	+	169.8	chemotaxis mota protein
BMEII1110	2	1E+06	1147348	+	143.3	flagellar motor switch protein flim
BMEII1111	2	1E+06	1147790	+	117.2	hypothetical protein
BMEII1112	2	1E+06	1148134	+	136.4	flagellar motor switch protein flin
BMEII1113	2	1E+06	1148849	+	142.1	flagellar motor switch protein flig
BMEII1114	2	1E+06	1150210	+	147.1	flagellar biosynthetic protein flhb
BMEII1115	2	1E+06	1150854	+	192.1	hypothetical protein
BMEII1116	2	1E+06	1151527	-	115.0	transcriptional activator, luxr family
BMEII1117	2	1E+06	1152616	-	35.7	transcriptional regulator, tetr family
BMEII1118	2	1E+06	1153958	+	40.4	multidrug resistance protein a
BMEII1119	2	1E+06	1155628	+	61.5	multidrug resistance protein b
BMEII1120	2	1E+06	1157140	+	92.2	iron(iii)-binding periplasmic protein precursor
BMEII1121	2	1E+06	1158242	+	90.3	iron(iii)-transport system permease protein sful
BMEII1122	2	1E+06	1159057	+	154.2	iron(iii)-transport system permease protein sful
BMEII1123	2	1E+06	1160124	+	150.1	iron(iii)-transport ATP-binding protein sfuc
BMEII1124	2	1E+06	1161629	-	145.0	decarboxylating
BMEII1125	2	1E+06	1162995	+	104.8	dimeric dihydrodiol dehydrogenase
BMEII1126	2	1E+06	1164128	-	105.6	oxidoreductase
BMEII1127	2	1E+06	1164984	-	125.3	exopolysaccharide production protein exoq
BMEII1128	2	1E+06	1166428	-	117.8	succinoglycan biosynthesis protein exom
BMEII1129	2	1E+06	1167754	+	153.9	glycosyl transferase probable udp-n-acetyl-d-mannosaminuronic acid
BMEII1130	2	1E+06	1168516	+	156.6	transferase
BMEII1131	2	1E+06	1169376	+	192.4	hypothetical protein
BMEII1132	2	1E+06	1171220	+	158.4	succinoglycan biosynthesis transport protein exop
BMEII1133	2	1E+06	1172429	-	198.9	ornithine decarboxylase
BMEII1134	2	1E+06	1174219	+	153.7	amidase
BMEII1135	2	1E+06	1175116	+	142.2	transcriptional regulatory protein, lysr family
BMEII1136	2	1E+06	1175860	+	148.4	hypothetical protein
BMEII1137	2	1E+06	1176963	+	131.3	putative membrane protein
BMEII1138	2	1E+06	1177473	+	39.4	hypothetical protein