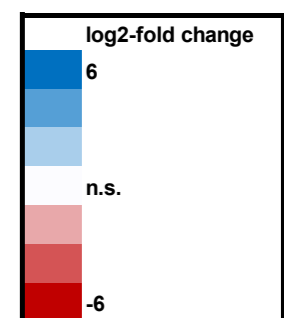


Genbank	Protein (NCBI)	COMM	U	Al	Mn	Fe	Co	Cu	Cd	Ni
UIJ70168.1	Hypothetical protein lw858 33620 (plasmid)									
UIJ67978.1	Transglycosylase									
UIJ69423.1	Acyl carrier protein									
UIJ66240.1	Translation initiation factor if-1									
UIJ66811.1	Ectonucleotide pyrophosphatase/phosphodiesterase									
UIJ64381.1	Sdr family oxidoreductase									
UIJ68572.1	Isochorismatase family protein									
UIJ69446.1	Flavodoxin-dependent (e)-4-hydroxy-3-methylbut-2-enyl-diphosphate synthase									
UIJ65389.1	Hypothetical protein lw858 20935									
UIJ65324.1	Trna threonylcarbamoyladenosine dehydratase									
UIJ65937.1	Ferritin									
UIJ69189.1	Copper homeostasis protein cutc									
UIJ67731.1	Duf3913 family protein									
UIJ64815.1	Methionyl-trna formyltransferase									
UIJ65126.1	Elongation factor p									
UIJ64819.1	Dna-directed rna polymerase subunit omega									
UIJ66239.1	50s ribosomal protein l36									
UIJ65025.1	Fixh family protein									
UIJ70191.1	Cys-gln thioester bond-forming surface protein (plasmid)									
UIJ68566.1	Ykvs family protein									
UIJ66464.1	Ywhd family protein									
UIJ64511.1	Flavodoxin									
UIJ64690.1	Iron-hydroxamate abc transporter substrate-binding protein									
UIJ64802.1	Phosphate acyltransferase plsx									
UIJ66462.1	4-oxalocrotonate tautomerase									
UIJ65464.1	Hypothetical protein lw858 21360									
UIJ66423.1	Glycosyltransferase family 4 protein									
UIJ64881.1	Yugn-like family protein									
UIJ66035.1	Degv family protein									
UIJ67343.1	Hypothetical protein lw858 03415									
UIJ69267.1	Ld-carboxypeptidase									
UIJ65424.1	Glutamate racemase									
UIJ67675.1	(fe-s)-binding protein									
UIJ64895.1	Pyridoxamine 5'-phosphate oxidase family protein									
UIJ65521.1	Acetyl-coa carboxylase, carboxyltransferase subunit beta									
UIJ66957.1	Peptide mfs transporter									
UIJ64909.1	Gapa-binding peptide sr1p									
UIJ66132.1	Trna (adenosine(37)-n6)-threonylcarbamoyltransferase complex dimerization subunit type 1 tsab									
UIJ68520.1	Yoku family protein									
UIJ66828.1	Cadmium-translocating p-type atpase									
UIJ69534.1	Hypothetical protein lw858 30370 (plasmid)									
UIJ66218.1	Ybbr-like domain-containing protein									
UIJ65729.1	Yegs/rv2252/bmru family lipid kinase									
UIJ67003.1	D-ribose pyranase									
UIJ67412.1	Duf6359 domain-containing protein									
UIJ69494.1	Duf3981 domain-containing protein									
UIJ69045.1	Polysaccharide deacetylase									
UIJ64950.1	Aminotransferase a									
UIJ64425.1	Fmn-binding negative transcriptional regulator									
UIJ66334.1	16s rna (cytidine(1402)-2'-o)-methyltransferase									
UIJ65000.1	Duf1002 domain-containing protein									
UIJ64683.1	Copper chaperone copz									
UIJ68437.1	Aspartate--trna(asn) ligase									
UIJ68322.1	Chaperone csaa									
UIJ67975.1	Response regulator									
UIJ65452.1	Tetr family transcriptional regulator									
UIJ65637.1	Cyclic pyranopterin monophosphate synthase moac									
UIJ66367.1	Trna uridine-5-carboxymethylaminomethyl(34) synthesis gtpase mnme									
UIJ66516.1	Ribose 5-phosphate isomerase b									
UIJ64422.1	Ydiu family protein									
UIJ64524.1	3-oxoacyl-acyl-p reductase fabg									
UIJ66375.1	Duf951 domain-containing protein									
UIJ65239.1	50s ribosomal protein l11 methyltransferase									
UIJ68298.1	Nadph dehydrogenase nama									
UIJ66001.1	Pyrophosphatase ppax									
UIJ66286.1	2-c-methyl-d-erythritol 2,4-cyclodiphosphate synthase									
UIJ68570.1	Isochorismate synthase dhbc									
UIJ64868.1	Duf177 domain-containing protein									
UIJ65340.1	Trna preq1(34) s-adenosylmethionine ribosyltransferase-isomerase quea									
UIJ65097.1	Glycerophosphodiester phosphodiesterase									
UIJ65355.1	Prephenate dehydratase									
UIJ69000.1	Cytosolic protein									
UIJ65137.1	Lipoate--protein ligase family protein									
UIJ65422.1	Ribonuclease ph									
UIJ64720.1	Dna mismatch repair endonuclease mutl									
UIJ64864.1	Bacillithiol biosynthesis cysteine-adding enzyme bshc									
UIJ67546.1	Aaa family atpase									
UIJ68095.1	Oxaloacetate-decarboxylating malate dehydrogenase									
UIJ67411.1	Duf4026 domain-containing protein									
UIJ64612.1	Alkene reductase									
UIJ68571.1	(2,3-dihydroxybenzoyl)adenylate synthase									
UIJ68511.1	Yuei family protein									
UIJ66556.1	Cpsd/capb family tyrosine-protein kinase									
UIJ65872.1	Methionine abc transporter atp-binding protein									
UIJ65219.1	Trna (adenine(22)-n(1))-methyltransferase trmk									
UIJ64759.1	Bifunctional riboflavin kinase/fad synthetase									
UIJ65175.1	Helix-turn-helix domain-containing protein									
UIJ66288.1	Pin/tram domain-containing protein									
UIJ67318.1	Dihydroxyacetone kinase subunit dhak									
UIJ66706.1	M20 peptidase aminoacylase family protein									
UIJ65204.1	Penicillin-binding protein 2									
UIJ65626.1	Srbcc domain-containing protein									
UIJ64893.1	Peptidyl-prolyl cis-trans isomerase									
UIJ64998.1	Gnat family n-acetyltransferase ribt									
UIJ67893.1	Biotin--[acetyl-coa-carboxylase] ligase									
UIJ68071.1	Peptidase e									
UIJ65445.1	Succinate dehydrogenase cytochrome b558									
UIJ64682.1	Heavy metal translocating p-type atpase									



UIJ67285.1		Dna (cytosine-5-)-methyltransferase	■							
UIJ65786.1		Aminotransferase	■							
UIJ65584.1		Gfo/idh/moca family oxidoreductase	■							
UIJ68510.1		Aldehyde dehydrogenase family protein	■							
UIJ67895.1		3-methyl-2-oxobutanoate hydroxymethyltransferase	■							
UIJ66413.1		Yfho family protein	■	■			■		■	
UIJ69840.1		Hypothetical protein Iw858 31855 (plasmid)	■							
UIJ67720.1		Abortive phage infection protein					■	■		■
UIJ65300.1		Yrns family protein	■							
UIJ69099.1		Hypothetical protein Iw858 13180	■							
UIJ64789.1		Signal peptidase i	■				■			■
UIJ66515.1		Low molecular weight protein arginine phosphatase	■							
UIJ65712.1		Yitt family protein	■				■			
UIJ64667.1		Tma (adenosine(37)-n6)-dimethylallyltransferase miaa	■							
UIJ68081.1		Duf445 domain-containing protein	■				■			
UIJ65998.1		Thioredoxin-disulfide reductase	■							
UIJ67416.1		Tetr/acrr family transcriptional regulator					■			
UIJ65608.1		Thioredoxin family protein	■							
UIJ67885.1		Zinc metalloproteinase	■							
UIJ64894.1		Phoh family protein	■					■		■
UIJ68527.1		Sporulation protein	■							
UIJ70204.1		Replication/maintenance protein repl (plasmid)	■							
UIJ65045.1	Bifunctional diamino hydroxyphosphoribosylaminopyrimidine deaminase/5-amino-6-(5-phosphoribosylamino)uracil reductase ribd		■							
UIJ64665.1		Tyrosine-type recombinase/integrase	■							
UIJ64338.1		Oxidoreductase	■						■	
UIJ69081.1		Heme-degrading monooxygenase hmoa	■					■		
UIJ64738.1		Insulinase family protein	■							
UIJ68630.1		Duf5519 family protein	■							
UIJ66504.1		Type b 50s ribosomal protein I31	■							
UIJ69885.1		Hypothetical protein Iw858 31605 (plasmid)	■							
UIJ69571.1		Hu family dna-binding protein (plasmid)	■							
UIJ66385.1		Cell wall metabolism dna-binding response regulator walr	■	■					■	
UIJ65092.1		Butyrate kinase	■							
UIJ68491.1		Alcohol dehydrogenase adhp	■							
UIJ65018.1		Marr family transcriptional regulator	■	■					■	■
UIJ65705.1		S-ribosylhomocysteine lyase luxs	■							
UIJ67007.1		Fructose-6-phosphate aldolase	■							
UIJ65247.1		Elongation factor 4	■							
UIJ67785.1		Diaminopimelate decarboxylase	■						■	
UIJ67901.1		Aspartate transaminase aspb	■							
UIJ68465.1		Thymidylate synthase	■							
UIJ67915.1		Class i sam-dependent rna methyltransferase	■	■					■	
UIJ69961.1		Duf2089 domain-containing protein (plasmid)	■							
UIJ67337.1		Heavy metal-binding domain-containing protein	■	■						■
UIJ65365.1		50s ribosomal protein I21	■							
UIJ69838.1		Rpn family recombination-promoting nuclease/putative transposase (plasmid)	■							
UIJ65589.1		Catabolite control protein a	■							
UIJ67011.1		(r,r)-butanediol dehydrogenase	■							
UIJ66709.1		Peroxiredoxin	■							
UIJ65974.1		Triose-phosphate isomerase	■							
UIJ65250.1		30s ribosomal protein s20	■							
UIJ65296.1		O-acetylserine dependent cystathionine beta-synthase	■							
UIJ65769.1		Cold-shock protein cspd	■							
UIJ67816.1		Duf47 domain-containing protein	■							
UIJ65976.1		Type i glyceraldehyde-3-phosphate dehydrogenase	■							
UIJ66708.1		Alkyl hydroperoxide reductase subunit f	■							
UIJ65503.1		Glyceraldehyde-3-phosphate dehydrogenase	■							
UIJ66136.1		Rna-binding transcriptional accessory protein	■							
UIJ65067.1		N-acetyl-gamma-glutamyl-phosphate reductase	■							
UIJ66128.1		Redox-sensing transcriptional repressor rex	■							
UIJ64800.1		3-oxoacyl-[acyl-carrier-protein] reductase	■							
UIJ65485.1		Phenylalanine--trna ligase subunit alpha	■							
UIJ65676.1		Phosphoenolpyruvate carboxykinase (atp)	■							
UIJ65448.1		Thioredoxin	■							
UIJ65089.1		3-methyl-2-oxobutanoate dehydrogenase subunit beta	■							
UIJ65297.1		5'-methylthioadenosine/s-adenosylhomocysteine nucleosidase	■							
UIJ65800.1		Hotdog fold thioesterase	■							
UIJ65779.1		L-lactate dehydrogenase	■							
UIJ66554.1		Rod shape-determining protein	■							
UIJ68467.1		Penicillin-binding protein 3	■							
UIJ66351.1		Duf3797 domain-containing protein	■							
UIJ67406.1		Heme-degrading monooxygenase hmob	■							
UIJ69452.1		Nad-dependent malic enzyme	■							
UIJ64517.1		Gnat family n-acetyltransferase	■							
UIJ64570.1		Trypsin-like peptidase domain-containing protein	■							
UIJ67203.1		Nadp-dependent glyceraldehyde-3-phosphate dehydrogenase	■							
UIJ65877.1		Arsenate reductase family protein	■							
UIJ67392.1		Ytxh domain-containing protein	■							
UIJ66398.1		Udp-glucose 4-epimerase gale	■							
UIJ64954.1		Extracellular solute-binding protein	■	■						
UIJ66311.1		S1 domain-containing rna-binding protein	■							
UIJ65519.1		6-phosphofructokinase	■							
UIJ66616.1		Spfh domain-containing protein	■							
UIJ67099.1		K(+)-transporting atpase subunit c	■							
UIJ68939.1		Manganese-dependent inorganic pyrophosphatase	■							
UIJ67470.1		Rna chaperone/antiterminator cspa	■							
UIJ68409.1		Iron-sulfur cluster repair di-iron protein	■							
UIJ65028.1		Transcriptional repressor	■							
UIJ69506.1		Peptide chain release factor 1	■							
UIJ64795.1		Signal recognition particle protein	■							
UIJ67409.1		Ferrochelatase	■							
UIJ68609.1		Protoporphyrinogen oxidase	■							
UIJ65326.1		Histidine--trna ligase	■							
UIJ65064.1		Acetylornithine transaminase	■							
UIJ67394.1		Abc transporter atp-binding protein ecsr	■							
UIJ70084.1		Duf2325 domain-containing protein (plasmid)	■							
UIJ65651.1		Leucine--trna ligase	■							
UIJ65526.1		Bifunctional oligoribonuclease/pap phosphatase rna	■							
UIJ66257.1		50s ribosomal protein I22	■							
UIJ69954.1		Efflux rmd transporter periplasmic adaptor subunit (plasmid)	■							

