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Abb	Organism	Accession	Position	Genes
Bacillus/Clostridium				
Ban	<i>Bacillus anthracis</i>	NC_003997.3	+ 824029 824109	BA0809 COG3339 <i>dedA</i> COG0586
Ban	<i>Bacillus anthracis</i>	NC_003997.3	- 1269052 1269154	BA1322 COG0861
Bha	<i>Bacillus halodurans</i>	NC_002570.1	- 2677841 2677933	BH2553 COG0861
Bsu	<i>Bacillus subtilis</i>	NC_000964.1	+ 1410104 1410202	ykoY COG0861
Bsu	<i>Bacillus subtilis</i>	NC_000964.1	- 4169043 4169122	yybP -----
Cpe	<i>Clostridium perfringens</i>	NC_003366.1	- 421415 421495	CPE0333 COG0474
Cpe	<i>Clostridium perfringens</i>	NC_003366.1	+ 665199 665285	CPE0535 COG1971
Dha	<i>Desulfitobacterium hafniense</i>	NZ_AA02000220.1	- 1350 1427	Desu0831 COG0861
Lla	<i>Lactococcus lactis</i>	NC_002662.1	- 1405837 1405926	yoaB COG0474
Lpl	<i>Lactobacillus plantarum</i>	NC_004567.1	+ 523159 523235	pacL2 COG0474
Lin	<i>Listeria innocua</i>	NC_003212.1	+ 1013076 1013174	lin0990 COG0861 <i>lin0991</i> COG0861 <i>lin0992</i> COG0168
Lmo	<i>Listeria monocytogenes</i>	NC_003210.1	+ 1021476 1021575	lmo0991 COG0861 <i>lmo0992</i> COG0861 <i>lmo0993</i> COG0168
Oih	<i>Oceanobacillus iheyensis</i>	NC_004193.1	- 1328491 1328574	OB1286 ----- OB1285 COG0515
Oih	<i>Oceanobacillus iheyensis</i>	NC_004193.1	- 3147546 3147625	OB3036 COG0861
Sau	<i>Staphylococcus aureus</i>	NC_002745.1	+ 995888 995990	SA0878 COG0861
Sep	<i>Staphylococcus epidermidis</i>	NC_004461.1	+ 711305 711434	SE0721 COG0861
Sag	<i>Streptococcus agalactiae</i>	NC_004116.1	+ 526370 526445	SAG0514 COG0474
Smu	<i>Streptococcus mutans</i>	NC_004350.1	+ 681851 681927	SMU_723 COG0474
Spn	<i>Streptococcus pneumoniae</i>	NC_003028.1	- 1461088 1461178	SP1551 COG0474
Spy	<i>Streptococcus pyogenes</i>	NC_002737.1	+ 500062 500139	pacL COG0474
Tte	<i>Thermoanaerobacter tengcongensis</i>	NC_003869.1	+ 36548 36622	MgtA4 COG0474
Tte	<i>Thermoanaerobacter tengcongensis</i>	NC_003869.1	+ 255482 255587	OadB COG1883
Cyanobacteria				
Nos	<i>Nostoc</i>	NC_003272.1	+ 2037117 2037211	a1r1698 COG2119
Alpha Proteobacteria				
Ccr	<i>Caulobacter crescentus</i>	NC_002696.2	- 2571360 2571465	CC2370 COG2119
Beta Proteobacteria				
Rso	<i>Ralstonia solanacearum</i>	NC_003295.1	- 997656 997775	RSc0949 COG0861
Rso	<i>Ralstonia solanacearum</i>	NC_003295.1	+ 2274752 2274883	RSc2100 COG2119
Gamma Proteobacteria				
Eco	<i>Escherichia coli</i>	NC_000913.1	+ 1903494 1903590	b1821 COG1971
Eco	<i>Escherichia coli</i>	NC_000913.1	+ 3236021 3236135	ygjT COG0861
Pae	<i>Pseudomonas aeruginosa</i>	NC_002516.1	- 3265282 3265372	PA2910 COG1971
Ppu	<i>Pseudomonas putida</i>	NC_002947.3	- 875969 876104	PP0760 COG2119
Psy	<i>Pseudomonas syringae</i>	NC_004578.1	- 1255691 1255806	PSPT01145 COG2119
Psy	<i>Pseudomonas syringae</i>	NC_004578.1	+ 4244896 4244988	PSPT03755 COG1971
Sen	<i>Salmonella enterica</i>	NC_003198.1	+ 1853550 1853646	STY1963 COG1971
Sen	<i>Salmonella enterica</i>	NC_003198.1	+ 3249576 3249690	STY3404 COG0861
Sty	<i>Salmonella typhimurium</i>	NC_003197.1	+ 1931945 1932041	yebN COG1971
Sty	<i>Salmonella typhimurium</i>	NC_003197.1	+ 3392075 3392189	ygjT COG0861
Sfl	<i>Shigella flexneri</i>	NC_004337.1	- 1443956 1444052	yebN COG1971
Sfl	<i>Shigella flexneri</i>	NC_004337.1	+ 3228618 3228732	ygjT COG0861
Son	<i>Shewanella oneidensis</i>	NC_004347.1	- 1112147 1112263	SO1071 COG2119
Vch	<i>Vibrio cholerae</i> chr I	NC_002505.1	+ 20094 20199	VC0022 COG2119
Vch	<i>Vibrio cholerae</i> chr II	NC_002506.1	+ 484083 484181	VCA0546 COG0861
Vvu	<i>Vibrio vulnificus</i> chr I	NC_004459.1	- 990603 990713	VV10988 COG2119
Vvu	<i>Vibrio vulnificus</i> chr II	NC_004460.1	+ 268169 268307	VV20239 COG0861
Vvu	<i>Vibrio vulnificus</i> chr II	NC_004460.1	- 559562 559653	VV20505 COG0530
Xax	<i>Xanthomonas axonopodis</i>	NC_003919.1	+ 4930332 4930424	XAC4192 COG1971
Xax	<i>Xanthomonas axonopodis</i>	NC_003919.1	+ 5161397 5161491	ygjT COG0861
Xca	<i>Xanthomonas campestris</i>	NC_003902.1	+ 4836456 4836549	XCC4075 COG1971
Xca	<i>Xanthomonas campestris</i>	NC_003902.1	+ 5057779 5057873	ygjT COG0861
Ype	<i>Yersinia pestis</i>	NC_003143.1	- 1999981 2000102	YPO1754 COG1971
Actinobacteria				
Blo	<i>Bifidobacterium longum</i>	NC_004307.1	+ 1260972 1261083	pacL2 COG0474
Cef	<i>Corynebacterium efficiens</i>	NC_004369.1	- 1962455 1962574	CE1859 COG0861
Cgl	<i>Corynebacterium glutamicum</i>	NC_003450.2	+ 1548576 1548716	Cg11469 COG1971 <i>Cg11470</i> COG0798
Cgl	<i>Corynebacterium glutamicum</i>	NC_003450.2	- 2072953 2073094	Cg11967 COG0861
Cgl	<i>Corynebacterium glutamicum</i>	NC_003450.2	- 2677230 2677318	NCg12442 ----- <i>Cg12528</i> COG1321
Mtu	<i>Mycobacterium tuberculosis</i>	NC_000962.1	+ 4322182 4322263	Rv3848 COG2119
Sco	<i>Streptomyces coelicolor</i>	NC_003888.1	- 2517535 2517629	SCC8A.05c COG2119

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COG	Gene	Description
COG0861	<i>terC</i>	possibly involved in tellurium resistance
COG0474	<i>mgtA</i>	Cation transport ATPases
COG1971	-	Predicted membrane protein
COG2119	-	Predicted membrane protein
COG0168	<i>trkG</i>	Trk-type K ⁺ transport systems, membrane components
COG1883	-	Na ⁺ -transporting methylmalonyl-CoA/oxaloacetate decarboxylase, beta subunit
COG0586	<i>dedA</i>	Uncharacterized membrane-associated protein
COG0798	<i>ACR3</i>	Arsenite efflux pump ACR3 and related permeases
COG0530	<i>yrbG</i>	Ca ²⁺ /Na ⁺ antiporter
COG3339	-	Conserved hypothetical
COG0515	<i>BS_yabT</i>	Serine/threonine protein kinases
COG1321	<i>troR</i>	Mn-dependent transcriptional regulator

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