

Supplementary Information S1 (table) | Occurrence of high-affinity oxidase genes in bacterial genomes.

Phylum	Genomes Analyzed	Genomes with high-affinity oxidase genes
Acidobacteria	6	3
Actinobacteria	118	94
Aquificae	9	8
Bacteroidetes	54	51
Chlamydiae	12	10
Chlorobi	10	10
Chloroflexi	15	9
Cyanobacteria	28	20
Deferribacteres	4	4
Deinococcus-Thermus	12	11
Dictyglomi	2	0
Elusibacteria	2	0
Fibrobacteres	1	0
Firmicutes	218	66
Fusobacteria	5	0
Nitrospirae	2	2
Planctomycetes	5	5
Proteobacteria	446	338
Spirochetaes	2	26
Synergistetes	3	0
Thermotogae	12	0
Verrumicrobia	4	4