

A

MuF protein family

	MuF1	MuF2	MuF3	MuF4
Proteobacteria	138	0	0	0
Deferribacteres	-	-	-	-
Acidobacteria	-	-	-	-
Firmicutes	121	26	5	0
Tenericutes	0	0	0	0
Fusobacteria	-	-	-	-
Actinobacteria	48	1	0	267
Cyanobacteria	2	0	0	0
Chloroflexi	-	-	-	-
Spirochaetes	-	-	-	-
Bacteroidetes	5	0	0	0
Chlorobi	-	-	-	-
Planctomycetes	-	-	-	-
Chlamydiae	-	-	-	-
Verrucomicrobia	0	0	0	0
Aquificae	-	-	-	-
Thermotogae	-	-	-	-
Deinococcus-Thermus	1	0	0	0
Synergistetes	-	-	-	-
Nitrospirae	-	-	-	-

B

MuF protein family

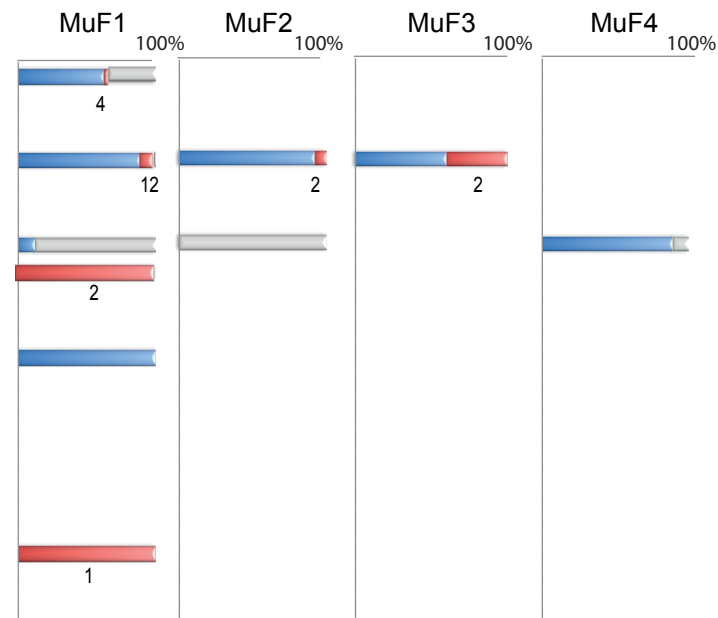
	MuF1	MuF2	MuF3	MuF4
Proteobacteria	418	0	0	0
Deferribacteres	0	0	0	0
Acidobacteria	1	0	0	0
Firmicutes	260	85	21	0
Tenericutes	0	0	0	0
Fusobacteria	7	0	0	0
Actinobacteria	6	13	0	48
Cyanobacteria	2	0	0	0
Chloroflexi	3	0	0	0
Spirochaetes	3	0	0	0
Bacteroidetes	17	0	0	0
Chlorobi	0	0	0	0
Planctomycetes	1	0	0	0
Chlamydiae	0	0	0	0
Verrucomicrobia	0	0	0	0
Aquificae	5	0	0	0
Thermotogae	1	0	0	0
Deinococcus-Thermus	7	0	0	0
Synergistetes	0	0	0	0
Nitrospirae	0	0	0	0

clade > 3 genomes

C

MuF protein domain

Short Ct_ext-tox Ct_ext-unk



D

MuF protein domain

Short Ct_ext-tox Ct_ext-unk

