

Supplementary Information

Table S.1 - The phyletic patterns of the *Corynebacterium* taxa

Number of genes	Cje	Cdi	Cgl1	Cgl2	Cet
1141	1	1	1	1	1
835	0	0	1	1	0
537	0	0	1	1	1
442	0	0	0	0	1
417	1	0	0	0	0
299	0	1	1	1	1
281	0	1	0	0	0
126	1	0	1	1	1
64	1	1	0	0	0
54	1	0	0	0	1
51	0	1	0	0	1
40	0	1	1	1	0
31	1	0	1	1	0
30	1	1	1	1	0
17	1	1	0	0	1
11	0	0	0	1	0
5	0	0	1	0	0
1	1	1	0	1	1
4382	Total				