Supplemental Table 2. Proteins specific to the *Micrococcineae*.

Gao, B., Parmanathan, R. and Gupta, R.S. (2006) Antonie van Leeuwenhoek, 90(1):69-91.

Protein	**Lxx12820** [YP_062227]	**Lxx05060** [YP_061591]	**Lxx12850** [YP_062230]
Length	**166 aa**	**498 aa**	**221 aa**
Possible function	Unknown	Unknown	Unknown
Leifsonia xyli	2e-89 (166)	0 (498)	1e-104 (221)
Tropheryma whipplei Twist	7e-09 (172)	2e-33 (613)	1e-08 (228)
Tropheryma whipplei TW08/27	7e-09 (168)	3e-33 (613)	6e-07 (208)
Arthrobacter sp.	1e-05 (149)	---	---
Non-*Micrococcineae*	0.03 (131)	0.71 (280)	0.66 (337)
	Ralstonia eutropha	*Bradyrhizobium japonicum*	*Sulfolobus solfataricus*

Protein	**Lxx05560** [YP_061629]	**Lxx08840** [YP_061884]	**Lxx10900** [YP_062048]	**Lxx13550** [YP_062289]	**Lxx24950** [YP_063208]
Length	**161 aa**	**321 aa**	**63 aa**	**98 aa**	**346 aa**
Possible function	Unknown	Unknown	Unknown	Unknown	Unknown
Leifsonia xyli	2e-80 (161)	2e-163 (321)	3e-51 (63)	4e-52 (98)	2e-180 (346)
Arthrobacter sp.	2e-39 (206)	3e-13 (327)	9e-06 (76)	---	8e-11 (330)
Brevibacterium linens	---	---	---	5e-15 (130)	4e-11 (319)
Non-*Micrococcineae*	0.032 (262)	0.021 (220)	0.66 (362)	1.5 (202)	0.15 (345)
	Erwinia carotovora	*Sulfolobus acidocaldarius*	*Sphingopyxis alaskensis*	*Trichodesmium erythraeum*	*Frankia sp.*