

# *Rhizobiaceae-Brucellaceae-Phyllobacteriaceae* Signature (LytB Protein)

Gupta, R.S. (2005) Crit. Rev. Microbiol. 31: 101-135

		52	99
<b>Rhizobiaceae</b> <b>Brucellaceae</b> <b>Phyllobacteriaceae</b>	Mesorhizobium sp. BNC1	45915457	VVEGLQQRGAIFIEDLDEIPEE HRE RPVVVSAHGVPKSVPADAAQARNL
	Bru. melitensis	17987742	-----A-----V-E-----AA --N Q-----E-K--
	Bru. suis	23501376	-----A-----V-E-----AA --N Q-----E-K--
	Bart. quintana	49474003	-----V-E----- --N Q-----EQ-DRY--
	Meso. loti	13476234	-----SL--V--E-S--A-- --R S-----
	A. tumefaciens	15888117	-----EAK---V-E-H--A- --Q-----E-----
	Sino. meliloti	15964665	-----EAK---V-E----P- --K Q-----DE--
	Brad. japonicum (1)	27376425	--D--KKK---V-E-A---S TT A-----S--
	Brad. japonicum (2)	27378118	--S-KNK---V-E-S-V-PK AVT-----AR--EEE-A--D-
	Rhodopseud. palustris (1)	39937331	--DS-RAK---V-E-E---DT KA-----EH-LS--F
	Rhodopseud. palustris (2)	39936795	---S-KAK---V-E-S-V-PK AVT-----AR-IEEE-A--D-
	Ca. crescentus	16127591	--DR-KAL--V--E-E-A-DD -----E-K--QM
<b>Other</b> <b>α-Proteo</b>	Rho. sphaeroides	46192978	--DR-RDM--V-V-E---A-TD ---I-----AI--E-ER--M
	Silicibacter sp. TM1040	52009383	--D--RDK--V-V-E-E-C-DD ---I-----A-E-QM
	Mag. magnetotacticum (1)	46201873	---S-A-K--V-V-E---V-D- AA-----T---E-DR-G-
	Mag. magnetotacticum (2)	46205583	---T-SE----VDET--V--G AR-----SPA-K-A-A----
	Rhodo. rubrum	22965469	--DS-RA---V-VDE---V-HG AVT-----S-A-IN--KQ-Q-
	Novo. aromaticivorans	23107848	--D--KAK--V-V-E--QV-DG A-----V--QT-TE-G-
	Wolbachia (Dros. endo)	42521069	I--DFKKQ-VV-VSSIE--EDN -GILI-----S-NIEDE-KRKG I