

**Alpha-proteobacteria specific proteins which are absent in the *Rickettsiales* as well as (A) the *Bartonellaceae* family, or (B) the *Rhodobacterales***

P. Kainth and R.S. Gupta (2005) Signature Proteins Specific for the Alpha-proteobacteria.

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**A**

Protein	CC2345 [16126584]	CC3115 [16127345]	CC3401 [16127631]	CC3467 [16127697]	CC1021 [16125273]
<b>Length</b>	159	136	120	152	130
<i>Mag. mag.</i>	2e-38 (0.99)	2e-29 (0.90)	3e-14 (1.03)	7e-16 0.86	3e-14 (1.16)
<i>Rhod. rubr.</i>	1e-39 (1.01)	-	-	-	-
<i>Nov. aro.</i>	4e-35 (1.03)	8e-32 (1.08)	1e-09 (1.23)	1e-19 (1.10)	5e-06 (1.13)
<i>C. cres.</i>	2e-86 (1.00)	9e-79 (1.00)	8e-56 (1.00)	3e-82 (1.00)	1e-57 (1.00)
<i>Sil. pom.</i>	2e-38 (1.01)	1e-09 (0.96)	3e-09 (1.08)	5e-23 (0.99)	3e-14 (1.00)
<i>Sil. sp.</i>	3e-40 (1.00)	5e-10 (1.05)	5e-10 (1.19)	5e-24 (1.34)	8e-16 (1.10)
<i>Rh. spha.</i>	6e-40 (0.99)	1e-07 (1.00)	9e-07 (1.13)	1e-25 (1.02)	4e-10 (1.05)
<i>Bra. jap.</i>	2e-44 (1.04)	4e-27 (0.98)	6e-11 (1.22)	5e-28 (1.07)	6e-17 (1.12)
<i>Rho. pal.</i>	2e-45 (1.03)	8e-24 (0.96)	5e-13 (1.09)	5e-27 (1.05)	9e-15 (1.09)
<i>Agr. tum.</i>	7e-44 (0.99)	6e-30 (0.94)	2e-15 (1.07)	3e-28 (1.06)	1e-10 (0.98)
<i>Sino. meli.</i>	3e-44 (0.99)	1e-25 (0.83)	4e-14 (1.06)	7e-30 (1.14)	7e-13 (1.16)
<i>Bru. mel.</i>	2e-43 (1.01)	1e-28 (1.12)	3e-15 (1.27)	9e-29 (1.08)	1e-10 (1.17)
<i>Bru. suis</i>	2e-43 (1.01)	4e-29 (0.93)	2e-15 (1.06)	9e-29 (1.08)	1e-11 (1.18)
<i>Meso. loti</i>	1e-43 (1.01)	1e-28 (0.98)	3e-14 (1.11)	2e-27 (1.12)	5e-14 (1.15)
<i>Meso. sp.</i>	3e-43 (1.01)	1e-22 (0.79)	4e-10 (1.20)	5e-30 (1.09)	5e-13 (1.11)
<b>Non-Alpha</b>	Vib. para. 2.1 (1.04)	Symbio. therm. 1.3 (0.89)	Burk. cepacia 0.96 (2.53)	Noc. farcinica 0.17 (1.76)	Pse. syringae 1.7 2.35

**B**

Protein	CC1652 [16125898]	CC2247 [16126486]	CC3295 [16127525]	CC1035 [16125287]
<b>Length</b>	250	46	169	224
<i>Mag. mag.</i>	2e-07 (0.91)	2e-06 (1.61)	2e-09 (0.52)	-
<i>Rhod. rubr.</i>	7e-08 (1.01)	-	-	-
<i>Nov. aro.</i>	-	7e-05 (1.41)	5e-06 (0.99)	3e-33 (1.19)
<i>Z. mobilis</i>	-	1e-04 (1.65)	-	-
<i>C. cres.</i>	7e-99 (1.00)	5e-21 (1.00)	3e-92 (1.00)	e-103 (1.00)
<i>Bra. jap.</i>	5e-12 (0.87)	7e-07 (1.63)	6e-29 (1.00)	7e-43 (0.90)
<i>Rho. pal.</i>	5e-12 (0.92)	5e-06 (2.41)	2e-27 (1.00)	3e-42 (0.97)
<i>Agr. tum.</i>	4e-05 (1.00)	1e-04 (1.67)	3e-26 (1.01)	1e-39 (0.88)
<i>Sino. meli.</i>	2e-09 (0.89)	7e-04 (1.67)	3e-24 (1.16)	2e-35 (0.89)
<i>Bru. mel.</i>	2e-11 (0.89)	0.008 (1.70)	3e-28 (1.04)	4e-39 (0.88)
<i>Bru. suis</i>	1e-11 (0.89)	0.008 (1.70)	2e-28 (0.99)	4e-39 (0.88)
<i>Meso. loti</i>	2e-06 (0.88)	5e-05 (1.67)	9e-24 (1.05)	1e-38 (0.93)
<i>Meso. sp.</i>	4e-11 (0.89)	2e-04 (1.63)	2e-25 (1.04)	2e-38 (0.80)
<i>B. henselae</i>	1e-06 (0.89)	0.030 (1.70)	3e-18 (1.02)	1e-34 (0.88)
<i>B. quintana</i>	2e-06 (0.89)	0.002 (1.70)	8e-18 (1.02)	2e-35 (0.88)
<b>Non-Alpha</b>	Meth. flagellatus 0.17 (1.53)	-	Burk. cepacia 0.13 (2.89)	Bdell. bacter. 0.70 3.14