

Table 3: *Chlamydia*-specific proteins
Griffiths , E., Ventresca, M.S. and Gupta, R.S. (2006) *BMC Genomics*, 7:14.

Protein Loci	Protein Name/Size	C. tra	C. mur	Next Best Hit (E value, protein length)
CT115 (AAC67706)	Inc D, 141aa	4e-45	5e-11, 124aa	No other BLAST hits
CT116 (AAC67707)	Inc E, 132aa	2e-45	4e-14, 143aa	No other BLAST hits
CT117 (AAC67708)	IncF, 104aa	3e-29	6e-25, 104aa	No other BLAST hits
CT118 (AAC67709)	Inc G, 167aa	5e-59	8e-11, 166aa	<i>Mesorhizobium loti</i> (8.2, 101aa)
CT135 (AAC67726)	hypoth, 360aa	4e-179	4e-115, 365aa	Hepatitis C virus (0.86, 414aa)
CT163 (AAC67754)	hypoth, 548aa	0	8e-13, 246aa	<i>Canis familiaris</i> (1.5, 1971aa)
CT174 (AAC67765)	hypoth, 151aa	9e-81	4e-10, 120aa	<i>Streptococcus pyogenes</i> (0.066, 152aa)
CT192 (AAC67784)	hypoth, 257aa	1e-120	2e-33, 231aa	<i>Caenorhabditis briggsae</i> (1.9, 1572aa)
CT226 (AAC67818)	hypoth, 176aa	4e-72	2e-12, 166aa	<i>Cryptosporidium parvum</i> (0.50, 1366aa)
CT227 (AAC67819)	hypoth, 133aa	4e-46	2e-04, 138aa	<i>Symbiobacterium thermophilum</i> (8.2, 143aa)
CT228 (AAC67820)	hypoth, 196aa	5e-76	4e-28, 210aa	<i>Campylobacter jejuni</i> (2.5, 176aa)
CT229 (AAC67821)	hypoth, 215aa	2e-86	4e-28, 214aa	<i>Bos taurus</i> (0.006, 1976aa)
CT249 (AAC67842)	hypoth, 116aa	6e-41	3e-20, 115aa	No other BLAST hits
CT300 (AAC67893)	hypoth, 115aa	2e-44	2e-05, 127aa	<i>Pan troglodytes</i> (6.3, 294aa)
CT326.2 (AAC67924)	hypoth, 60aa	2e-28	3e-04	No other BLAST hits
CT345 (AAC67940)	hypoth, 121aa	2e-52	5e-24, 121aa	<i>Haemophilus ducreyi</i> (4.7, 221aa)
CT357 (AAC67953)	hypoth, 110aa	8e-30	9e-07, 106aa	No other BLAST hits
CT358 (AAC67954)	hypoth, 178aa	2e-79	8e-31, 170aa	<i>Anabaena variabilis</i> (0.079, 185aa)
CT360 (AAC67956)	hypoth, 208aa	2e-94	2e-46, 212aa	<i>Caenorhabditis Elegans</i> (0.052, 728aa)
CT694 (AAC68289)	hypoth, 323aa	2e-177	8e-92, 334aa	<i>Psychrophila sp.</i> (0.56, 335aa)

These proteins are uniquely found in species belonging to the *Chlamydia* genus and are absent in the *Chlamydophila* and *Protochlamydia*.