

**Table 2: List of *Chlamydiae*-specific Proteins**

Gupta and Griffiths (2006) Trends in Microbiol. 14: 527-535

Protein Loci	Function	Protein Loci	Function
CT005(AAC67595)	Inner membrane protein	CT568(AAC68170)	Inner membrane protein
CT006(AAC67596)	Inner membrane protein	CT577(AAC68179)	Hypothetical, cytosolic
CT018(AAC67608)	Hypothetical	CT578(AAC68180)	SrpA3 (wall surface anchor family protein)
CT046(AAC67637)	Hc2 (chlamydia histone-like (HctB))	CT579(AAC68181)	SrpA2 (wall surface anchor family protein)
CT058(AAC67649)	Macro domain, ADP-ribose binding module	CT584(AAC68186)	Hypothetical
CT080(AAC67671)	LtuB (late transcript upstream)	*CT589(AAC68191)	PP2C_SIG (Sigma factor-like phosphatase)
CT082(AAC67673)	Ser-rich protein	CT598(AAC68200)	Histone H1-I
CT083(AAC67674)	Hypothetical	CT606.1(AAC68219)	Hypothetical cytosolic
CT102(AAC67693)	FliO (Flagellar biogenesis protein)	CT618(AAC68222)	Membrane associated
*CT109(AAC67700)	CHLPS hypothetical	CT619(AAC68223)	Hypothetical
CT142(AAC67733)	Hypothetical	CT620(AAC68224)	Hypothetical
CT143(AAC67734)	Hypothetical	CT646(AAC68823)	Inner membrane protein
CT144(AAC67735)	Hypothetical	CT647(AAC68824)	Lipoprotein
CT147(AAC67738)	Possible transmembrane protein	CT651(AAC68828)	Putatively exported protein
CT178(AAC67769)	Membrane associated	CT654(AAC68249)	Lipoprotein
CT195(AAC67787)	Inner membrane protein	CT656(AAC68251)	Hypothetical
CT232(AAC67824)	IncB (inclusion membrane protein)	CT657(AAC68252)	Hypothetical
CT233(AAC67825)	IncC (inclusion membrane protein)	*CT663(AAC68258)	Hypothetical
*CT253(AAC67846)	Putatively exported protein	CT668(AAC68263)	Hypothetical
CT263(AAC67856)	Hypothetical	CT671(AAC68266)	Membrane associated
CT288(AAC67881)	Inner membrane protein	CT681(AAC68276)	Major outer membrane protein
CT289(AAC67882)	Putatively exported protein	CT695(AAC68290)	Hypothetical
CT296(AAC67889)	DcrA (divalent cation regulator)	CT696(AAC68291)	Hypothetical
CT324(AAC67917)	Membrane associated	CT711(AAC68306)	Hypothetical
CT330(AAC67925)	Hypothetical cytosolic	CT712(AAC68307)	Hypothetical
CT338(AAC67933)	Hypothetical cytosolic	CT713(AAC68308)	PorB (porin protein)
CT365(AAC67961)	Inner membrane protein	CT718(AAC68313)	FliH (Flagellar biosynthesis/type III secretion)
CT372(AAC67968)	OprB (Carbohydrate-selective porin)	CT724(AAC68319)	Hypothetical
CT373(AAC67969)	Pyruvoyl-dependent arginine decarboxylase	CT744(AAC68339)	Phosphoprotein
CT377(AAC67973)	LtuA (late transcript upstream)	CT753(AAC68348)	Hypothetical cytosolic
CT383(AAC67979)	Inner membrane protein	CT779(AAC68374)	Hypothetical
CT392(AAC67989)	YprS	CT795(AAC68390)	Hypothetical
CT412(AAC68009)	PmpA (polymorphic membrane protein)	CT812(AAC68408)	OmpD (outer membrane protein)
CT413(AAC68010)	PmpB (polymorphic membrane protein)	CT814(AAC68410)	Membrane associated
CT421.1(AAC68030)	Hypothetical	CT814.1(AAC68411)	Membrane associated
CT440(AAC68039)	Membrane associated	*CT837(AAC68434)	Cef (calcium binding EF-hand precursor)
CT442(AAC68041)	15kDa SRP (signal recognition particle)	*CT846(AAC68443)	Membrane associated
CT444(AAC68043)	OmcA (outer membrane chaperone)	CT847(AAC68444)	Hypothetical
CT465(AAC68065)	Hypothetical <sup>c</sup>	CT848(AAC68445)	Hypothetical
CT466(AAC68066)	Hypothetical	CT849(AAC68446)	Hypothetical
CT471(AAC68071)	Lipoprotein	CT860(AAC68458)	Ser-rich protein, DNA-binding domain
CT482(AAC68082)	Membrane associated	CT861(AAC68459)	Membrane associated
CT483(AAC68083)	Membrane associated	CT863(AAC68461)	Ser-rich protein
CT529(AAC68031)	Hypothetical	CT869(AAC68467)	OmpE (outer membrane protein)
CT552(AAC68154)	Hypothetical	CT870(AAC68468)	OmpF (outer membrane protein)
CT565(AAC68167)	Inner membrane protein	CT871(AAC68469)	OmpG (outer membrane protein)
CT566(AAC68168)	Putatively exported protein	CT872(AAC68470)	OmpH (outer membrane protein)
CT567(AAC68169)	Hypothetical, periplasmic	CT874(AAC68472)	OmpI (outer membrane protein)

<sup>c</sup> *Protochlamydia* homolog with borderline E value by BLASTp but below significance threshold in PSI-BLAST