

Table S4. Percentage of duplicated genes in the proteomes with similar size to *C. L. asiaticus*

<b>species name</b>	<b>proteome size</b>	<b>percentage of duplicated genes</b>
<b>Orientia tsutsugamushi str. Boryong</b>	1182	50.931
<b>Mycoplasma mycoides subsp. mycoides SC str.</b>	1095	48.676
<b>Mycoplasma mycoides subsp. mycoides SC str. PG1</b>	1016	45.768
<b>Lactobacillus fermentum CECT 5716</b>	1051	45.576
<b>Burkholderia vietnamiensis G4</b>	1114	44.075
<b>Mycoplasma penetrans HF-2</b>	1037	40.405
<b>Wolbachia sp. wRi</b>	1150	39.391
<b>Brucella microti CCM 4915</b>	1167	36.675
<b>Wolbachia endosymbiont of Drosophila</b>	1195	34.895
<b>Vibrio cholerae O395</b>	1133	32.304
<b>Candidatus Liberibacter solanacearum CLso-ZC1</b>	1192	31.208
<b>Bartonella quintana str. Toulouse</b>	1142	26.620
<b>cyanobacterium UCYN-A</b>	1199	26.439
<b>Chlamydophila pneumoniae J138</b>	1069	26.099
<b>Lawsonia intracellularis PHE/MN1-00</b>	1185	25.907
<b>Chlamydophila pneumoniae CWL029</b>	1052	25.665
<b>Chlamydophila pneumoniae TW-183</b>	1113	24.618
<b>Chlamydophila pneumoniae LPCoLN</b>	1097	24.521
<b>Chlamydophila pneumoniae AR39</b>	1110	24.234
<b>Chlamydophila felis Fe/C-56</b>	1005	23.184
<b>Ehrlichia chaffeensis str. Arkansas</b>	1105	23.167
<b>Treponema pallidum subsp. pallidum str. Nichols</b>	1031	22.599
<b>Candidatus Liberibacter asiaticus str. psy62</b>	1109	22.092
<b>Treponema pallidum subsp. pallidum SS14</b>	1028	22.082
<b>Rickettsia africae ESF-5</b>	1030	21.553
<b>Rickettsia canadensis str. McKiel</b>	1093	16.926