

Table 7. AG% content of the mRNA of AP, RP, and HSP of mesophilic species

Domain	Organism	AP	RP	Difference RP-AP	HSP	Difference HSP-AP
B	<i>Agrobacterium cereon</i>	49.534	51.529	1.995	50.535	1.001
B	<i>Bacillus haloduras</i>	53.928	56.159	2.231	55.852	1.924
B	<i>B. subtilis</i>	54.287	55.197	0.910	55.624	1.337
B	<i>Borrelia burgdorferi B31</i>	55.164	59.683	4.519	58.393	3.229
B	<i>Brucella melitensis</i>	49.871	51.619	1.748	51.552	1.681
B	<i>Buchnera sp. APS</i>	54.226	55.898	1.672	56.652	2.426
B	<i>Campylobacter jejuni</i>	54.425	59.468	5.043	58.411	3.986
B	<i>Caulobacter crescentus</i>	49.550	51.368	1.818	50.582	1.032
B	<i>Chlamidia pneumoniae 029</i>	50.112	56.060	5.948	52.748	2.636
B	<i>Chlorobium tepidum TLS</i>	50.756	55.315	4.559	53.986	3.230
B	<i>Dienococcus radioresistance</i>	50.130	52.561	2.431	51.647	1.517
B	<i>Enterococcus faecali</i>	54.286	56.553	2.267	58.434	4.148
B	<i>Escherichia coli O157:H7</i>	51.958	51.923	-0.035	52.830	0.872
B	<i>Escherichia coli k12</i>	51.542	50.645	-0.897	52.699	1.157
B	<i>Haemophilus influenza</i>	52.479	53.602	1.123	52.941	0.462
A	<i>Halobacterium NRC-1</i>	51.182	55.355	4.173	52.762	1.580
B	<i>Helicobacter pylori</i>	53.801	58.836	5.035	58.804	5.003
B	<i>Chlamidia trachomatis</i>	50.257	56.082	5.825	52.593	2.336
B	<i>Lactococcus lactis</i>	53.268	53.320	0.052	52.421	-0.847
B	<i>Listeria innocua</i>	54.930	55.397	0.467	55.714	0.784
B	<i>Magnetococcus M-MC1</i>	50.845	53.279	2.434	51.697	0.852
A	<i>M. acetivorans str. C2A</i>	49.939	52.406	2.467	56.097	6.158
B	<i>Mesorhizobium loti</i>	49.821	52.012	2.191	52.469	2.648
B	<i>Mycoplasma pulmonis</i>	54.771	59.877	5.106	53.353	-1.418
B	<i>Mycobacterium tuberculosis</i>	50.423	53.347	2.924	51.341	0.918
B	<i>Mycoplasma genitalium</i>	53.145	56.914	3.769	55.966	2.821
B	<i>Mycoplasma pneumoniae</i>	52.433	55.369	2.936	54.889	2.456
B	<i>Neisseria meningitis</i>	51.518	52.500	0.982	50.929	-0.589
B	<i>N. meningitidis A Z2491</i>	51.669	52.560	0.891	53.687	2.018
B	<i>Nostoc sp.</i>	51.695	54.902	3.207	53.176	1.481
B	<i>Porphyromonas gingivalis</i>	51.607	55.396	3.789	56.521	4.914
B	<i>Rickettsia prowazekii</i>	54.250	58.643	4.393	56.538	2.288
B	<i>Salmonella enterica</i>	51.634	52.353	0.719	52.847	1.213
B	<i>Salmonella typhimurium</i>	51.562	52.759	1.197	53.401	1.839
B	<i>Sinorhizobium meliloti 1021</i>	49.795	51.872	2.077	51.750	1.955
B	<i>Staphilococcus aureus COL</i>	54.971	57.181	2.210	57.107	2.136
B	<i>Staphilococcus aureus mu50</i>	54.933	57.154	2.221	57.584	2.651
B	<i>Streptococcus piogenes</i>	52.526	53.471	0.945	54.297	1.771
B	<i>Streptococcus pneumonia</i>	52.355	53.802	1.447	53.053	0.698
B	<i>Synechocystis sp.</i>	50.557	52.230	1.673	52.934	2.377
B	<i>Treponema pallidum Nichols</i>	51.004	56.152	5.148	53.106	2.102
B	<i>Ureaplasma urealyticum</i>	54.335	57.360	3.025	57.336	3.001
B	<i>Vibrio cholerae</i>	51.191	52.603	1.412	53.616	2.425
B	<i>Xulella fastidiosa</i>	50.308	51.879	1.571	51.449	1.141
B	<i>Yersenia pestis</i>	51.493	52.473	0.980	52.059	0.566

AP, all proteins; RP, ribosomal proteins; HSP, heat shock proteins. Average AG% of genes for AP, RP, difference RP-AP, difference HSP-AP, and HSP are 52.099, 54.557, 2.458, 54.053, and 1.954, respectively. Average AG% of nucleotides for AP, RP, difference RP-AP, difference HSP-AP, and HSP are 51.517, 54.561, 3.044, 54.283, and 2.766, respectively.