

Table 1

| Genomic Property | Organism | Exponent <i>b</i> | Genomic Property | Organism | Exponent <i>b</i> | Genomic Property | Organism | Exponent <i>b</i> | |
|------------------------|-------------------------------|------------------------|-----------------------|-------------------------------|-------------------|--------------------------------|-------------------------------------|----------------------|-----|
| 6 - 10-mers | <i>M. genitalium</i> | 3.7 | Protein superfamilies | <i>M. genitalium</i> | 1.6 | Pseudomotifs | <i>S. cerevisiae</i> | 0.9 | |
| | <i>M. pneumoniae</i> | 3.5 | | <i>M. pneumoniae</i> | 1.5 | | <i>C. elegans</i> | 1.0 | |
| | <i>R. prowazekii</i> | 3.7 | | <i>R. prowazekii</i> | 1.6 | | <i>D. melanogaster</i> | 1.2 | |
| | <i>C. trachomatis</i> | 3.7 | | <i>C. trachomatis</i> | 1.6 | | <i>Human chromosome 21 & 22</i> | 1.0 | |
| | <i>T. pallidum</i> | 3.4 | | <i>T. pallidum</i> | 1.5 | Pseudogene families | <i>S. cerevisiae</i> | 1.5 | |
| | <i>C. pneumoniae</i> | 3.6 | | <i>C. pneumoniae</i> | 1.5 | | <i>C. elegans</i> | 1.8 | |
| | <i>A. aeolicus</i> | 3.8 | | <i>A. aeolicus</i> | 1.6 | | <i>Human chromosome 21 & 22</i> | 1.9 | |
| | <i>H. pylori</i> | 3.5 | | <i>H. pylori</i> | 1.5 | Functions per protein fold | <i>S. cerevisiae</i> | 1.6 | |
| | <i>H. influenzae</i> | 3.4 | | <i>H. influenzae</i> | 1.4 | | Interactions per protein fold | <i>S. cerevisiae</i> | 2.2 |
| | <i>M. janaschii</i> | 3.5 | | <i>M. janaschii</i> | 1.5 | Transcripts per protein family | | <i>S. cerevisiae</i> | 1.2 |
| | <i>M. thermoautotrophicum</i> | 3.8 | | <i>M. thermoautotrophicum</i> | 1.8 | | | | |
| | <i>P. horikoshii</i> | 3.9 | | <i>P. horikoshii</i> | 1.7 | | | | |
| | <i>A. fulgidus</i> | 3.8 | | <i>A. fulgidus</i> | 1.6 | | | | |
| | <i>Synechocystis sp.</i> | 3.4 | | <i>Synechocystis sp.</i> | 1.5 | | | | |
| | <i>M. tuberculosis</i> | 3.4 | | <i>M. tuberculosis</i> | 1.4 | | | | |
| | <i>B. Subtilis</i> | 3.3 | | <i>B. Subtilis</i> | 1.3 | | | | |
| | <i>E. coli</i> | 3.2 | | <i>E. coli</i> | 1.4 | | | | |
| | <i>S. cerevisiae</i> | 3.2 | | <i>S. cerevisiae</i> | 1.3 | | | | |
| | <i>C. elegans</i> | 3.1 | | <i>C. elegans</i> | 1.0 | | | | |
| | <i>D. melanogaster</i> | 3.3 | | <i>D. melanogaster</i> | 1.1 | | | | |
| Protein families | <i>M. genitalium</i> | 1.7 | Protein folds | <i>M. genitalium</i> | 1.9 | | | | |
| | <i>M. pneumoniae</i> | 1.6 | | <i>M. pneumoniae</i> | 1.8 | | | | |
| | <i>R. prowazekii</i> | 1.7 | | <i>R. prowazekii</i> | 1.9 | | | | |
| | <i>C. trachomatis</i> | 1.7 | | <i>C. trachomatis</i> | 1.9 | | | | |
| | <i>T. pallidum</i> | 1.6 | | <i>T. pallidum</i> | 1.7 | | | | |
| | <i>C. pneumoniae</i> | 1.6 | | <i>C. pneumoniae</i> | 1.7 | | | | |
| | <i>A. aeolicus</i> | 1.7 | | <i>A. aeolicus</i> | 1.9 | | | | |
| | <i>H. pylori</i> | 1.6 | | <i>H. pylori</i> | 1.7 | | | | |
| | <i>H. influenzae</i> | 1.5 | | <i>H. influenzae</i> | 1.6 | | | | |
| | <i>M. janaschii</i> | 1.6 | | <i>M. janaschii</i> | 1.7 | | | | |
| | <i>M. thermoautotrophicum</i> | 2.0 | | <i>M. thermoautotrophicum</i> | 2.2 | | | | |
| | <i>P. horikoshii</i> | 1.9 | | <i>P. horikoshii</i> | 2.0 | | | | |
| | <i>A. fulgidus</i> | 1.8 | | <i>A. fulgidus</i> | 1.9 | | | | |
| | <i>Synechocystis sp.</i> | 1.6 | | <i>Synechocystis sp.</i> | 1.7 | | | | |
| | <i>M. tuberculosis</i> | 1.5 | | <i>M. tuberculosis</i> | 1.6 | | | | |
| | <i>B. Subtilis</i> | 1.4 | | <i>B. Subtilis</i> | 1.5 | | | | |
| | <i>E. coli</i> | 1.5 | | <i>E. coli</i> | 1.6 | | | | |
| <i>S. cerevisiae</i> | 1.4 | <i>S. cerevisiae</i> | 1.5 | | | | | | |
| <i>C. elegans</i> | 1.1 | <i>C. elegans</i> | 1.2 | | | | | | |
| <i>D. melanogaster</i> | 1.2 | <i>D. melanogaster</i> | 1.3 | | | | | | |