Bacteria - Correlation of amino acid frequency and proteome factors for genetic code: Scenedesmus obliquus mitochondrial

| | | | | obinquus ii | | Torrarrar | | | | |
|-------------------|----------|-----------------|----------------------------------|-----------------|---------------|-----------|--------|------------|-----------------|-----------------|
| | | Pearson correla | Spearman correlation coefficient | | | | | | 1 .00 | |
| Σ- | -0.23 | -0.084 | 0.16 | 0.15 | Σ- | -0.21 | -0.14 | 0.16 | 0.15 | 1.00 |
| ≥ - | 0.28 | 0.26 | 0.24 | 0.23 | ≥ - | 0.37 | 0.38 | 0.34 | 0.33 | |
| O - | -0.038 | -0.05 | 0.1 | 0.11 | U - | 0.054 | -0.1 | 0.18 | 0.16 | - 0.75 |
| Δ- | 0.16 | 0.3 | -0.12 | -0.19 | Δ - | 0.27 | 0.34 | -0.23 | -0.26 | |
| ш - | -0.069 | -0.22 | 0.14 | 0.19 | ш - | -0.12 | -0.28 | 0.12 | 0.2 | 0.50 |
| ш- | 0.14 | -0.44 | 0.44 | 0.44 | ш- | 0.1 | -0.58 | 0.58 | 0.58 | - 0.50 |
| エ - | 0.069 | 0.28 | -0.057 | -0.12 | ェ - | 0.14 | 0.35 | -0.011 | -0.077 | |
| ⊻ - | -0.097 | -0.83 | 0.84 | 0.84 | ⊻ - | -0.23 | -0.85 | 0.85 | 0.85 | - 0.25 |
| z - | 0.11 | -0.76 | 0.77 | 0.77 | z - | -0.012 | -0.83 | 0.83 | 0.83 | |
| acid Q | -0.05 | -0.033 | 0.32 | 0.31 | σ- | -0.063 | -0.095 | 0.38 | 0.35 | 0.00 |
| Amino acid Y Q | 0.25 | -0.53 | 0.54 | 0.54 | > - | 0.11 | -0.61 | 0.61 | 0.61 | - 0.00 |
| · - - | -0.1 | -0.82 | 0.82 | 0.82 | | -0.17 | -0.86 | 0.86 | 0.86 | |
| ∢ - | 0.03 | 0.83 | 0.83 | 0.83 | ∢ - | 0.12 | 0.87 | 0.87 | 0.87 | - - 0.25 |
| ს - | 0.12 | 0.66 | 0.65 | 0.65 | ს - | 0.27 | 0.72 | 0.72 | 0.72 | |
| ۵ - | 0.056 | 0.63 | 0.63 | 0.63 | | 0.22 | 0.77 | 0.77 | 0.77 | 0.50 |
| ⊢ - | 0.19 | 0.13 | 0.067 | 0.03 | ⊢ - | 0.18 | 0.14 | 0.059 | 0.039 | 0.50 |
| > - | -0.095 | 0.47 | -0.019 | -0.14 | > - | -0.039 | 0.52 | -0.077 | -0.17 | |
| - - | -0.047 | 0.14 | -0.14 | -0.14 | - د | -0.034 | 0.22 | -0.22 | -0.22 | 0.75 |
| ∝ - | -0.044 | 0.73 | 0.73 | 0.73 | ~ - | 0.016 | 0.8 | 0.8 | 0.8 | |
| S - | 0.12 | -0.38 | -0.19 | -0.11 | ω - | 0.059 | -0.49 | -0.1 | -0.013 | 1.00 |
| | Length - | - J9 | - Codon+GC - | Codon+GC+Cost - | | Length - | - J9 | Codon+GC - | Codon+GC+Cost - | 1.00 |

Factor

Factor