

## Archaea

## Bacteria

## Eukaryotes

## Viruses

**Mean GC contents (%) of protein-coding genes per species**

**Mean amino acid abundances (%) per species**

**1 - Aliphatic 3 - Charged  
2 - Aromatic 4 - Uncharged**

**Percentage differences (%) between empirical and expected abundances per species**

**Codon number  
Codon+GC**

**Spearman correlation coefficients per species**

**Codon number  
Codon+GC**

**Kendall's Tau correlation coefficients per species**

