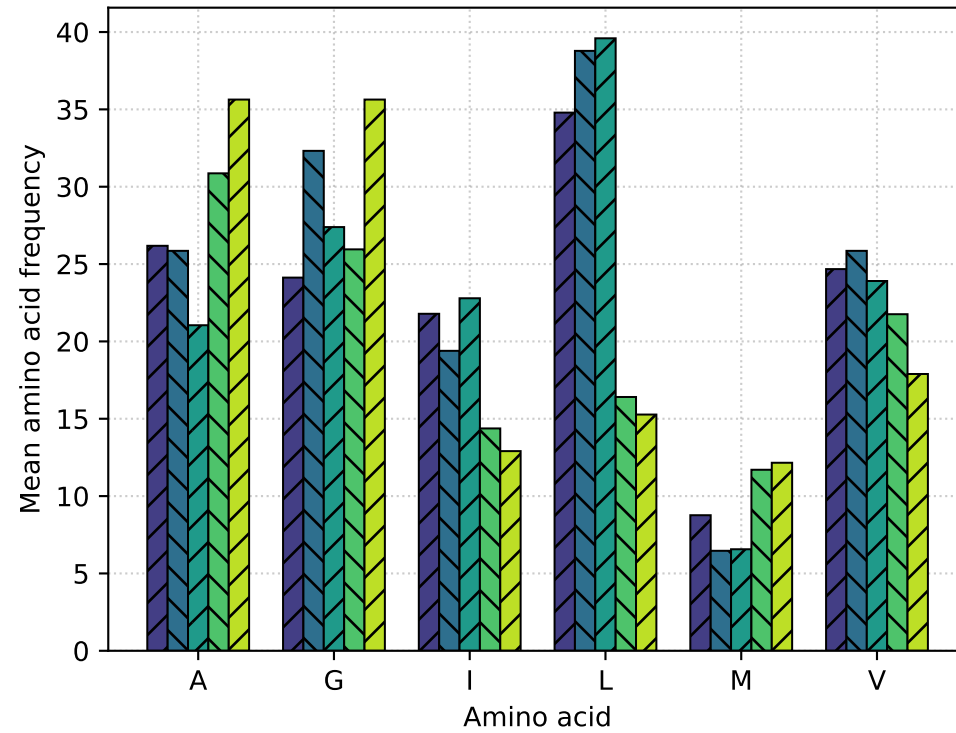


Viruses - Correlation of amino acid frequency for genetic code: Candidate division sr1 gracilibacteria

Aliphatic amino acids

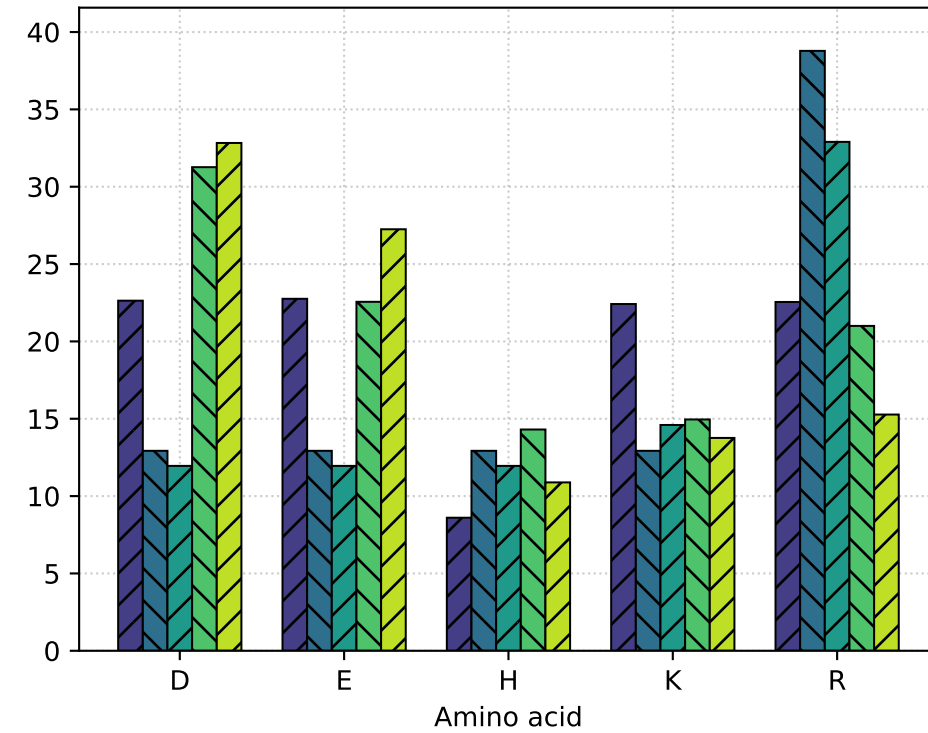


Observed
 Codon
 Codon+GC
 Cost (Akashi)
 Cost (Kaleta)

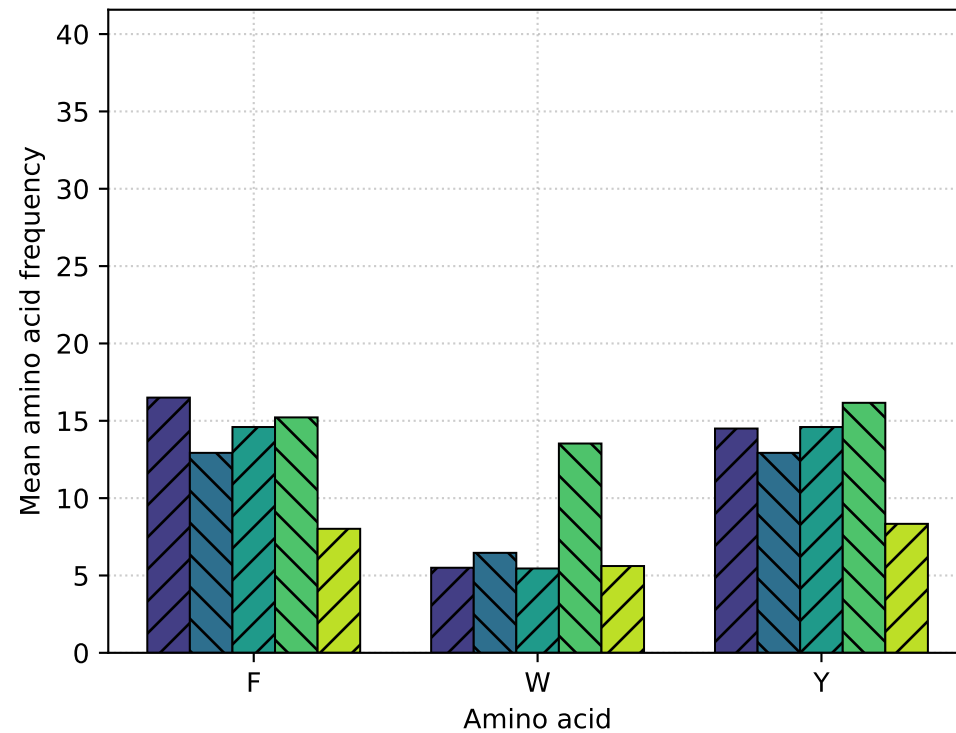
Codon correlation:
 - p_{cc} : 0.68; p_{pcc} : 1.0e-03
 - r_2 : 0.69; p_{r_2} : 7.6e-04

Codon + GC correlation:
 - p_{cc} : 0.74; p_{pcc} : 1.7e-04
 - r_2 : 0.71; p_{r_2} : 4.3e-04

Charged amino acids



Aromatic amino acids



Cost(Akashi) correlation:
 - p_{cc} : 0.46; p_{pcc} : 4.1e-02
 - r_2 : 0.55; p_{r_2} : 1.2e-02

Cost(Kaleta) correlation:
 - p_{cc} : 0.45; p_{pcc} : 4.8e-02
 - r_2 : 0.50; p_{r_2} : 2.4e-02

Uncharged amino acids

