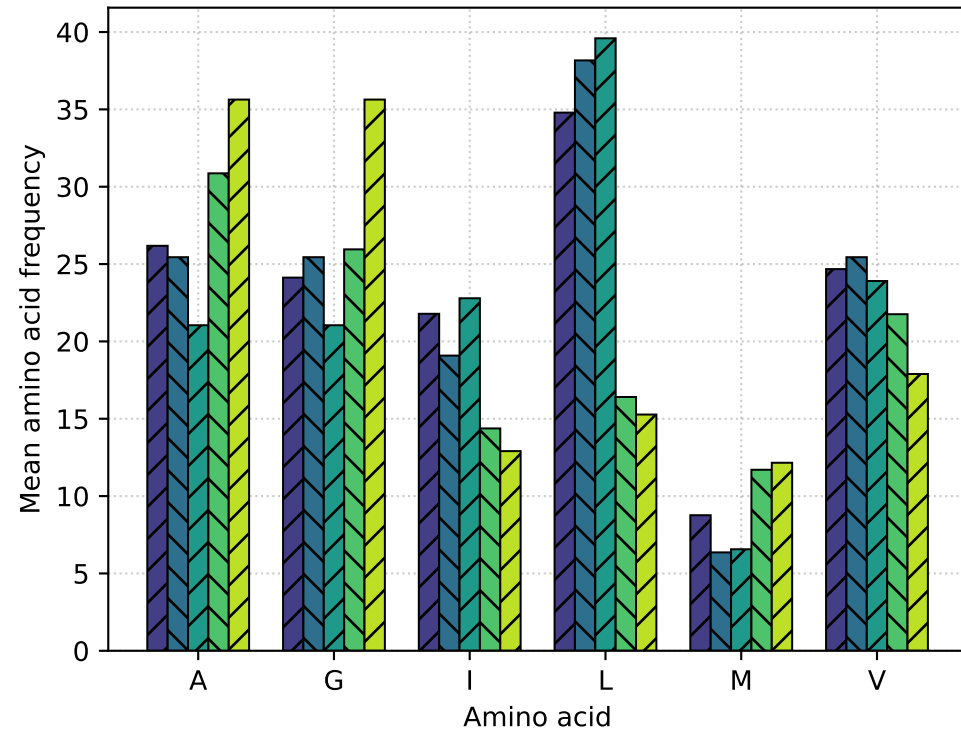


Viruses - Correlation of amino acid frequency for genetic code: Ciliate nuclear dasycladacean nuclear hexamita nuclear

Aliphatic amino acids

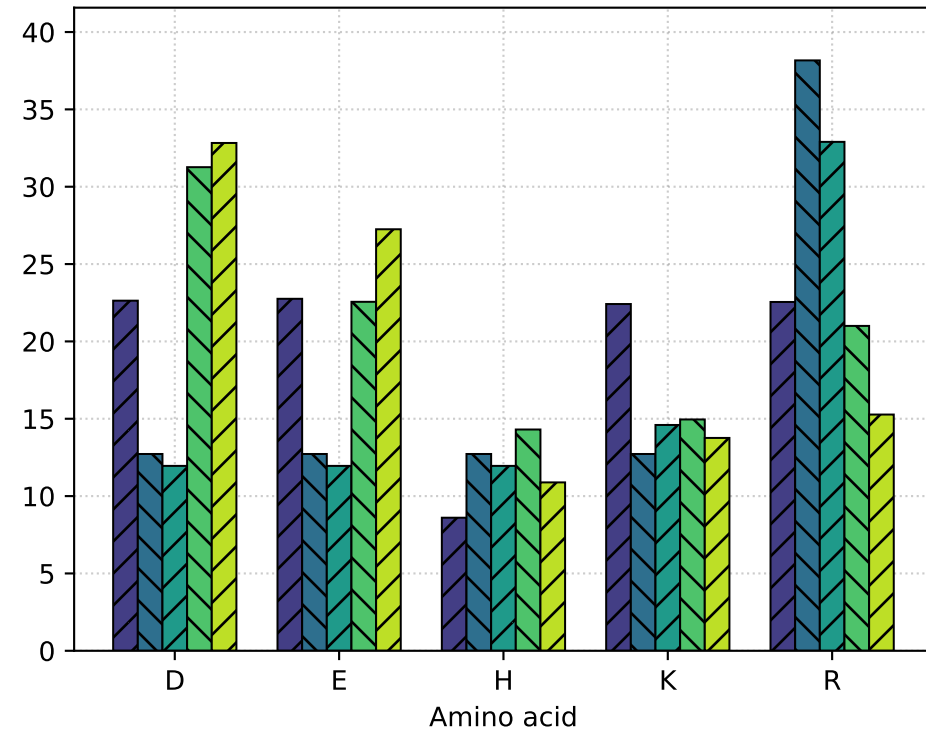


Observed
Codon
Codon+GC
Cost (Akashi)
Cost (Kaleta)

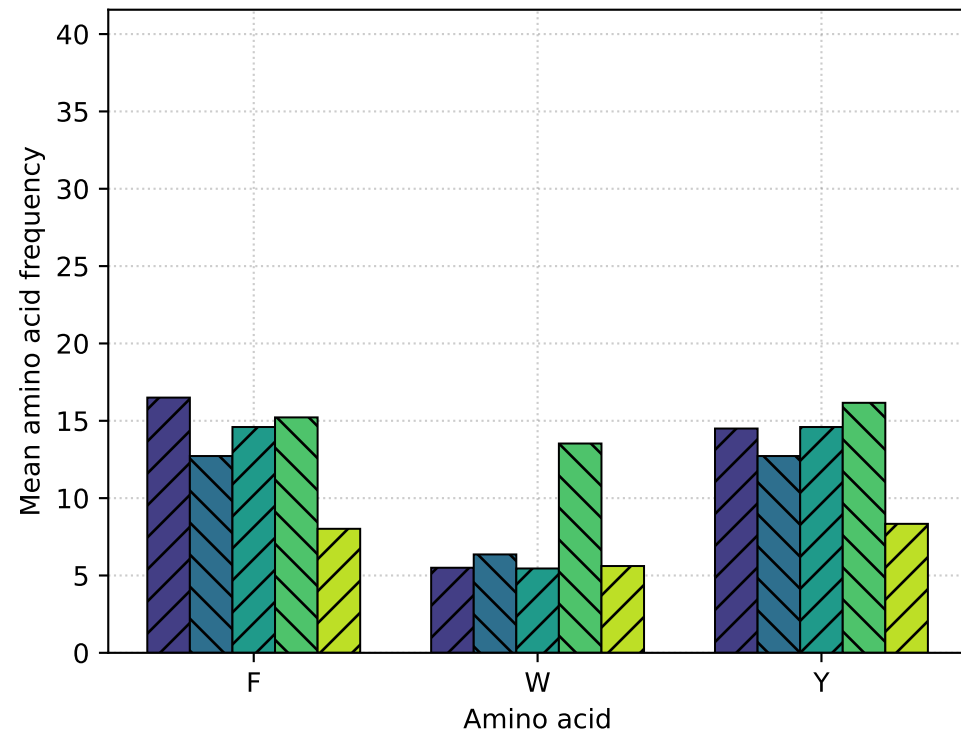
Codon correlation:
- p_{cc} : 0.64; p_{pcc} : 2.4e-03
- r_2 : 0.64; p_{r_2} : 2.3e-03

Codon + GC correlation:
- p_{cc} : 0.69; p_{pcc} : 7.8e-04
- r_2 : 0.65; p_{r_2} : 2.0e-03

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

