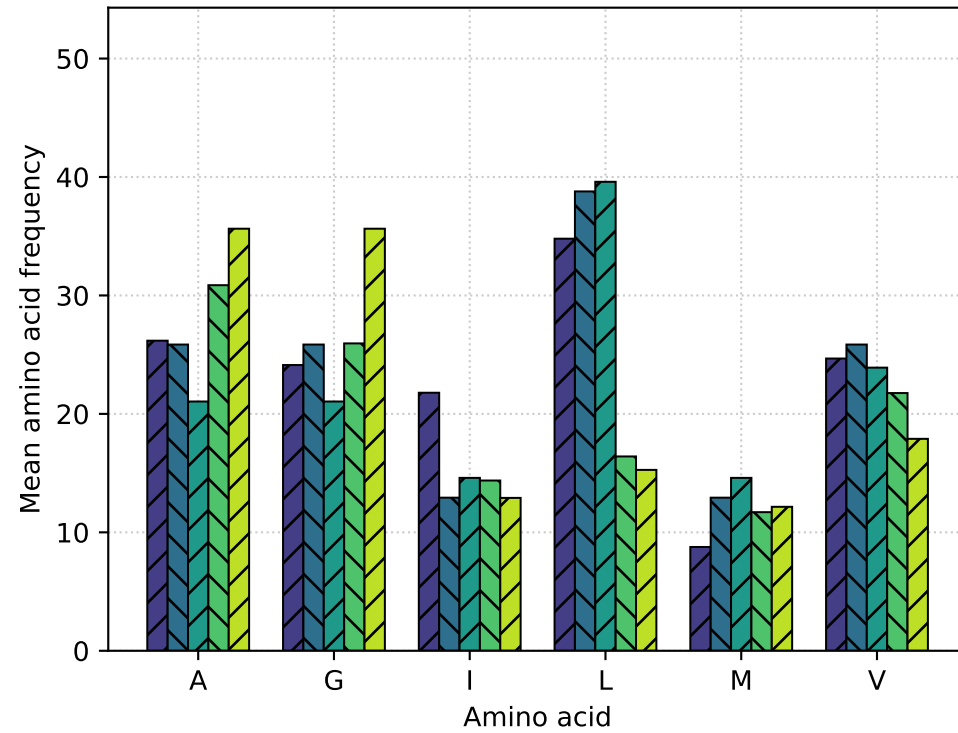


# Viruses - Correlation of amino acid frequency for genetic code: Invertebrate mitochondrial

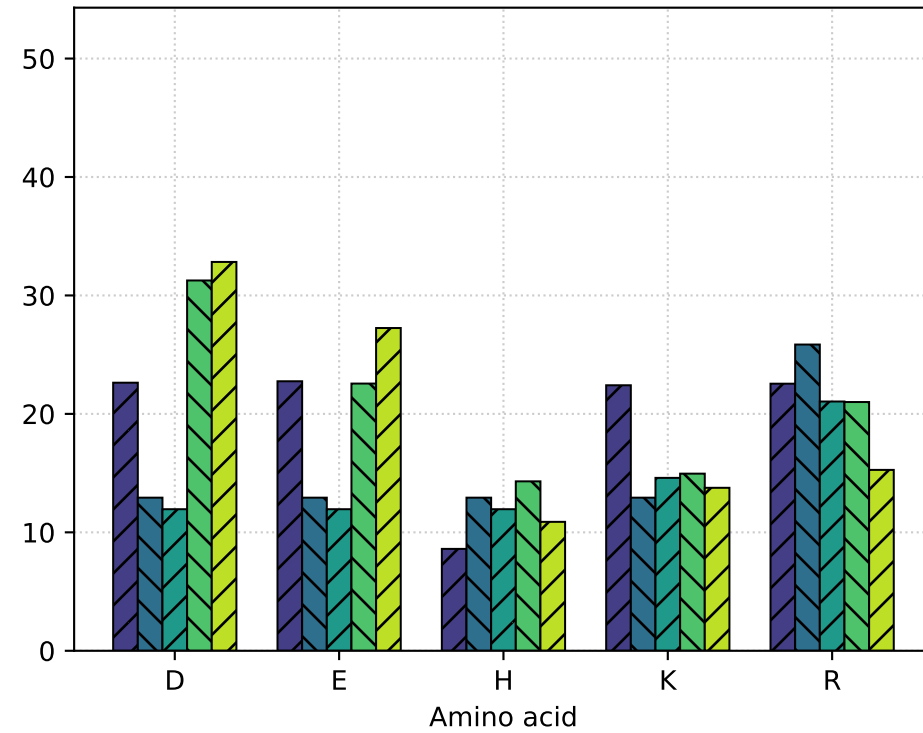
## Aliphatic amino acids



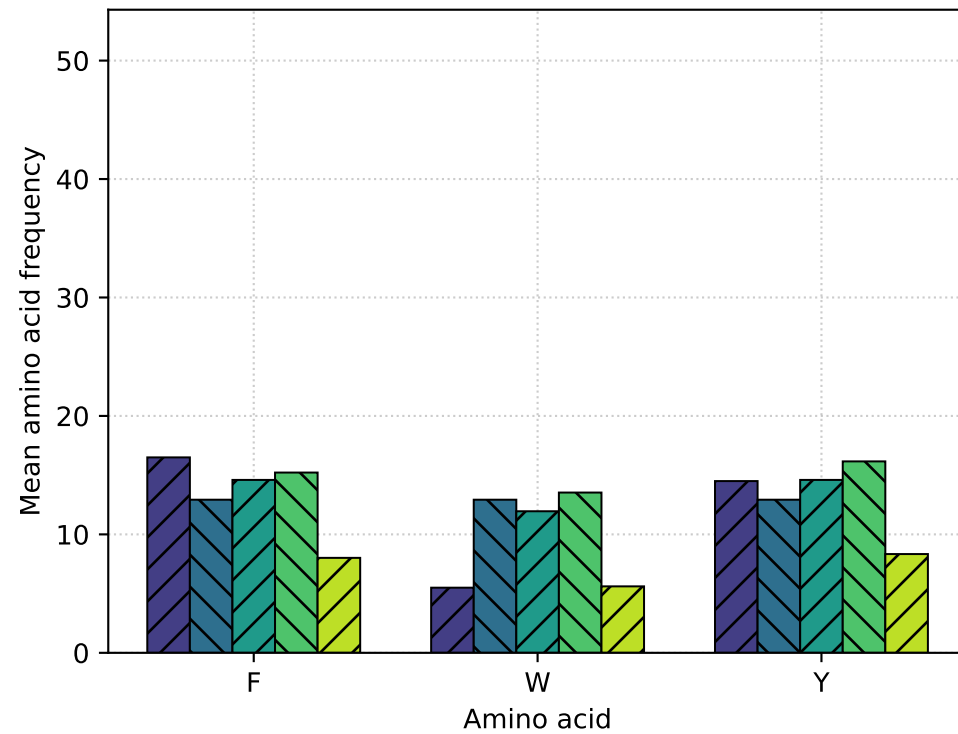
Codon correlation:  
-  $p_{cc}$ : 0.61;  $p_{pcc}$ : 4.3e-03  
-  $r_2$ : 0.63;  $p_{r_2}$ : 2.7e-03

Codon + GC correlation:  
-  $p_{cc}$ : 0.65;  $p_{pcc}$ : 2.0e-03  
-  $r_2$ : 0.62;  $p_{r_2}$ : 3.4e-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

