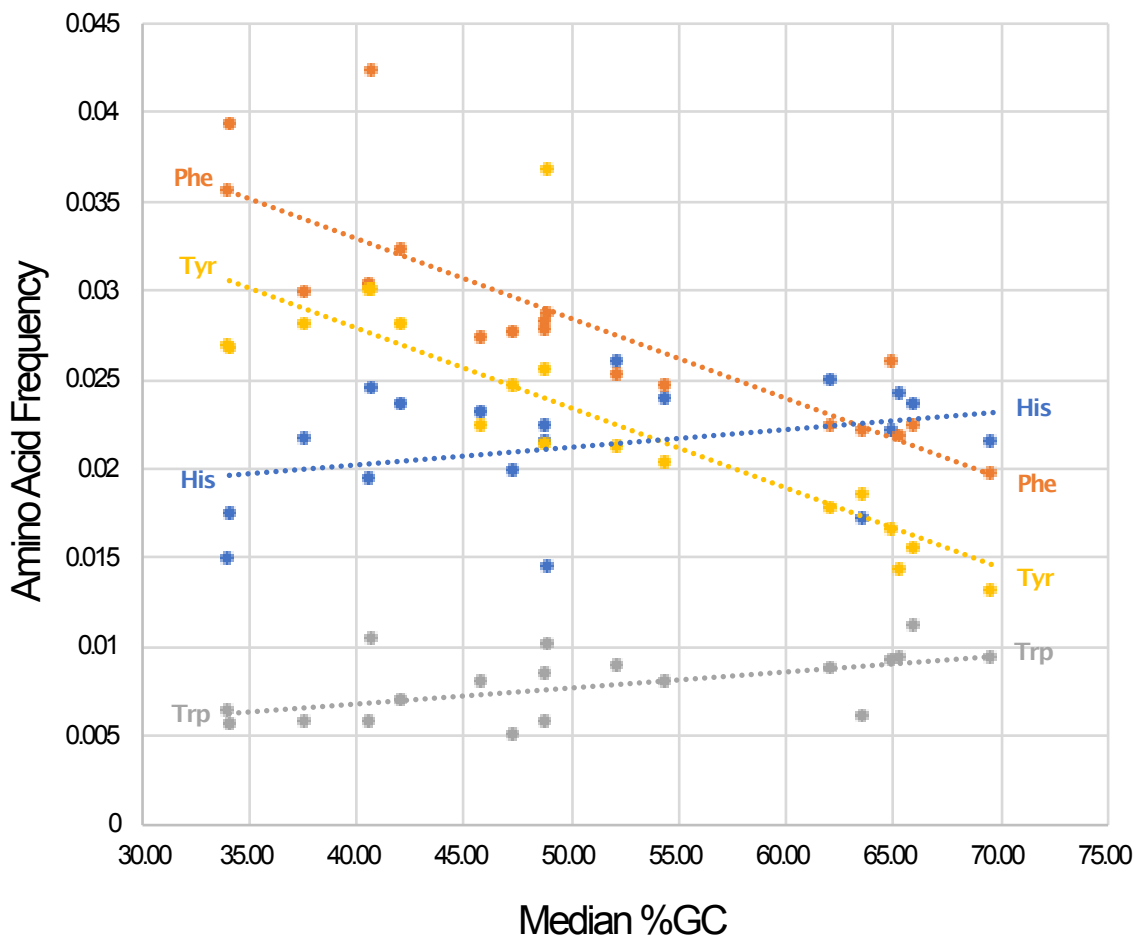


(a)

Estimated Equilibrium Frequencies of Aromatic Amino Acids

**(b)**

Correlations between Selected Amino Acid Frequency Estimates and Genomic GC-content

	Spearmen's ρ	P (two-tailed)
His (H)	0.29574	0.21895
Phe (F)	-0.9118	<0.00001
Trp (W)	0.60728	0.00582
Tyr (Y)	-0.8416	0.00001
Ala (A)	0.9118	<0.00001
Cys (C)	-0.37209	0.11671
Ser (S)	-0.31856	0.18376