

Correlation between amino acid and codon number

Bacteria, Invertebrate Mitochondrial

1e9

Proteome data
Genetic code

pearsonr w/ Stop: 0.61
p-value w/ Stop: 3.4e-03

pearsonr w/o Stop: 0.60
p-value w/o Stop: 4.9e-03

Summed amino acid number

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0

M W C D E F H K N Q Y I A G P T V L R S *

Amino acid (plus Stop)

57.8

63.0

17.0

40.0

25.8

3.9

10.1

-13.1

53.1

53.5

25.4

-24.5

-11.2

17.6

7.6

0.3

-74.8

-164.0