

Correlation between amino acid and codon number Bacteria, Vertebrate Mitochondrial

1e9

Proteome data
Genetic code

pearsonr w/ Stop: 0.59
p-value w/ Stop: 5.0e-03

pearsonr w/o Stop: 0.70
p-value w/o Stop: 5.5e-04

Summed amino acid number

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)

-31.8

-80.8

-112.4

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

-48.9

-181.1