

# Correlation between amino acid and codon number Eukaryota, Invertebrate Mitochondrial

1e9

Proteome data  
Genetic code

pearsonr w/ Stop: 0.74  
p-value w/ Stop: 1.3e-04

pearsonr w/o Stop: 0.76  
p-value w/o Stop: 1.0e-04

Summed amino acid number

0.0

0.5

1.0

1.5

2.0

2.5

M

W

C

D

E

F

H

K

N

Q

Y

I

A

G

P

T

V

L

R

S

\*

Amino acid (plus Stop)

-32.5

-84.9

-51.5

52.0

69.8

20.8

-22.9

57.2

28.2

29.8

-9.7

46.4

16.7

1.3

-12.5

-11.6

-0.7

-0.1

-9.5

-39.4

-172.7