Archaea, Correlation between amino acid and codon number for genetic code: Vertebrate Mitochondrial pcc+: 0.39;  $p_{pcc}$ +: 8.3e-02 Genomic data pcc-: 0.49; p<sub>pcc</sub>-: 3.0e-02 300000 Genetic code r<sub>2</sub>+: 0.39; p<sub>r2</sub>+: 7.7e-02 *r*<sub>2</sub>-: 0.52; *p*<sub>*r*2</sub>-: 1.9e-02 amino acid number 250000 -74.4 200000 -150000 -Summed -26.5 -114.6 -108.9 100000 -50000 W Amino acids (plus Stop)