Correlation between amino acid and codon number Mammals, Ciliate Nuclear Dasycladacean Nuclear Hexamita Nuclear 1e8 pearsonr w/ Stop: 0.81 Proteome data 1.4 p-value w/ Stop: 8.8e-06 Genetic code pearsonr w/o Stop: 0.79 p-value w/o Stop: 3.0e-05 1.2 Summed amino acid number 1.0 8.0 0.6 -31.4 0.4 -0.2 0.0 W G Amino acid (plus Stop)