Endogenous and Exogenous Codon Usage 0.5 1.0 -1.0 -0.5 0.0 0.5-1.0 -0.5 0.0 -1.0 -0.5 0.0 0.5GCA GCC GCG GCT 1.0 8.0 0.8 0.6 0.6 0.4 0.4 0.2 0.2 0.0 0.0 GGA GGC GGG GGT CAC CAT ATA ATC ATT TTC TTT G Н F 1.0 1.0 8.0 0.8 0.6 0.6 0.4 0.4 0.2 0.2 0.0 0.0 AAC AAT CTA CTC CTG CTT TTA CCA CCC CCG CCT Κ Ν P 1.0 1.0 **Proportion** 8.0 0.8 0.6 0.6 0.4 0.4 0.2 0.2 0.0 0.0 TCA TCC TCG TCT CAA CAG AGA AGG CGA ACA ACC ACG R S Τ Q 1.0 1.0 CGC CGG 8.0 0.8 0.6 0.6 0.4 0.4 0.2 0.2 0.0 0.0 Model fit GTA GTC GTG TAC TAT AGC AGT Ζ 1.0 Endogenous Exogenous - 0.20 8.0 0.15 0.6 0.10 0.4 0.2 0.05 0.0 1.0 -1.0 -0.5 0.0 -1.0 -0.50.0 0.5 -1.0 -0.50.0 0.5 log₁₀ (Protein Synthesis Rate ♦)