-log-likelihood across positions 300-400 (105\_T\_ACT\_0) Mutation at amino acid position 105 (nucleotides 313-315) Ш ш Ш Ш 7.5 Ш Ш ш Ш Log-likelihood Ш Codon position ш 3 ш 2.5 Ш 0.0 Ш 325 350 375 300 400

Nucleotide position