Figure S5. Models fitted to each of JTT, WAG, and LG. Each element $\log-O(⟨S⟩(\hat{r}, \hat{σ}))_{ab}$ of the log-odds matrix of the model fitted to each empirical substitution matrix is plotted against the log-odds $\log-O(S_{\text{obs}}(1 \text{ PAM}))_{ab}$ calculated from the corresponding empirical substitution matrix. Plus, circle, and cross marks show the log-odds values for one-, two-, and three-step amino acid pairs, respectively. The dotted line in each figure shows the line of equal values between the ordinate and the abscissa.