

S5 Figure. Independent components of the G protein family

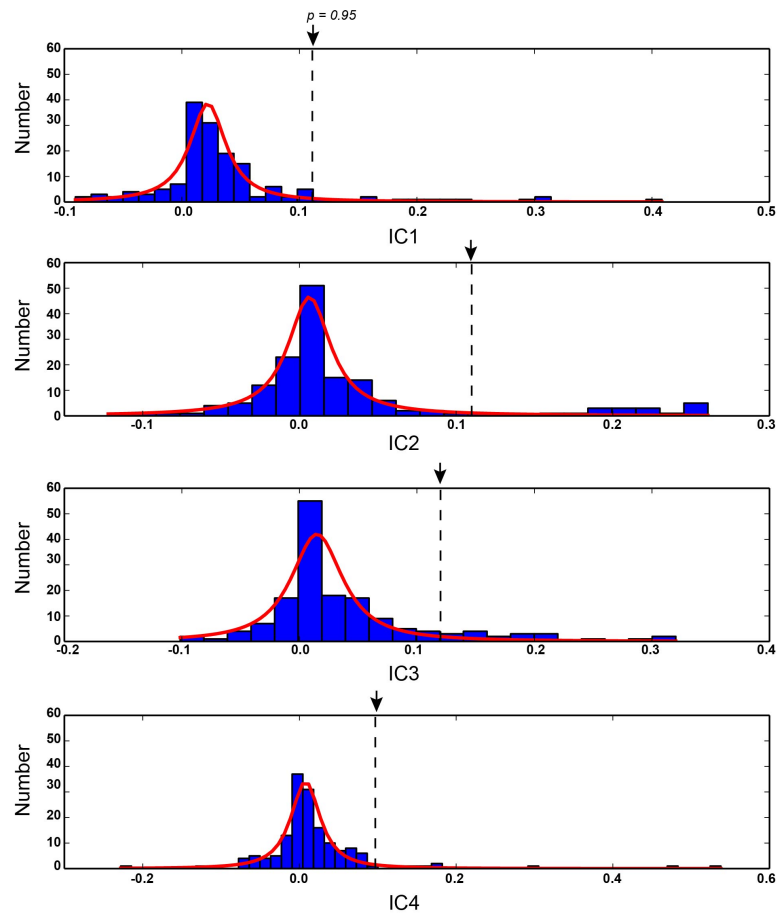


FIG. 5 The independent components (ICs) corresponding to the four top eigenmodes of the \tilde{C}_{ij} matrix for the **G protein family**. The solid red line is a fit to the t-distribution, with the cutoff indicated representing the top 95% of the cumulative density function. The ICs are generally well-fit by this empirical distribution, and serves as a basis for systematic definition of coevolving positions.