Step 1 Matrix of the mean value over PS samples Discretize into topology matrix $\begin{bmatrix} 0.35 & -0.39 & -0.12 \\ -0.92 & 0.73 & -0.73 \\ 0.34 & 0.39 & 0.00 \end{bmatrix}$ $\xrightarrow{\text{convert}} \begin{bmatrix} 1 & -1 & -1 \\ -1 & 1 & -1 \\ 1 & 1 & 0 \end{bmatrix}$

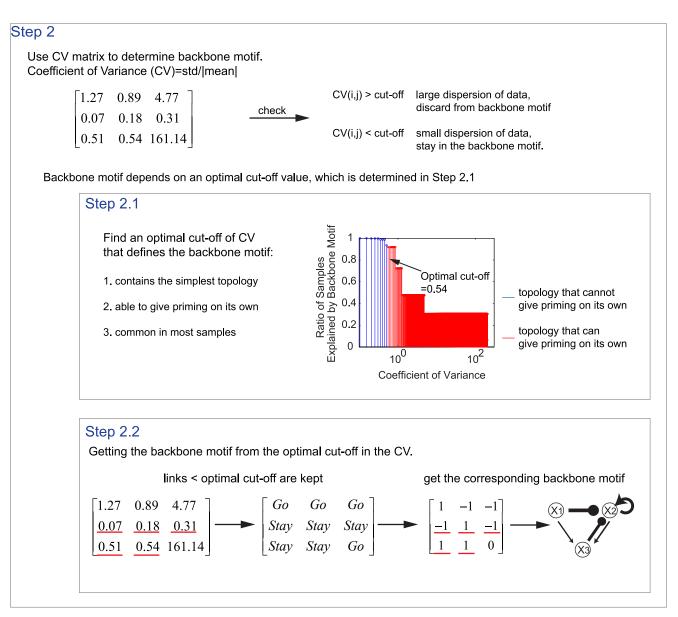


Figure S3. Statistical method used to identify backbone motifs from priming/tolerance data.