Supporting Information Text S3:
MukB supplementary figures
Figure 1: MukB protein: partitions indicated on the sequence.

Blue, green and red amino-acids correspond to MukB partitions obtained by running BIS (on blocks) over 200 sequences for $d = 0$ and $d = 1$ (with $\Delta = 0.05$) and highlighted in Fig. 3 in the main text. The pdb sequence (1qkl:A) is aligned against the UniProt sequence P22523 (Escherichia coli MukB).
Figure 2: MukB protein: clusters for \( d = 1 \) that are not clusters for \( d^+ \).

Clusters of the MukB score matrix that are detected by CLAG for \( d = 1 \) but that are not detected for \( d^+ \) (that is, \( d \leq 1 \)). (Notice that not all clusters for \( d = 1 \) are reported.) This is due to the environment (that is, the set of blocks) for \( d = 1 \) that differs from the one for \( d \leq 1 \). Recall that the environment for \( d \leq 1 \) contains all blocks for \( d = 0 \) and all blocks for \( d = 1 \).
Figure 3: MukB protein: clusters for $d_1^+$ that are not clusters for $d = 1$.
See legend in Fig. 2-Text S3.