



Fig S3: Maltose exclusion does not depend on AH sequence. (A) Amino acid sequences of wild-type and alternative amphipathic helices combined with $\Delta 16$ -EIIA^{Glc}. (B) Absorbance at 615nm over time in minimal medium supplemented with maltose and α -methylglucoside is shown for strains encoding affinity tagged full-length EIIA^{Glc} (FL) and $\Delta 16$ EIIA^{Glc} ($\Delta 16$), 1X MreB-EIIA^{Glc} (1X MreB) or 2X MreB- EIIA^{Glc} (2X MreB), K6P-EIIA^{Glc} (K6P), EIIA^{Glc}-MinD (MinD), and Δ EIIA^{Glc} mutants.