**S5 Table.** CsrA Position Frequency Weight Matrix. CsrA binding motif derived from experimentally-characterized CsrA binding sites in 5’ UTRs in *E. coli* [23, 28, 40, 41].

 **G G A**

**a |** 4 10 4 0 0 12 2 6

**c |** 4 2 3 0 0 0 3 0

**g |** 0 0 1 12 12 0 2 1

**t |** 4 0 4 0 0 0 5 5