



**Figure S2. Guinier plots.** (a) *E. coli* TcdA·ATP·Mg<sup>2+</sup>, (b) free tRNA<sup>Lys</sup>(UUU), (c) *E. coli* TcdA·ATP·Mg<sup>2+</sup> + tRNA<sup>Lys</sup>(UUU), and (d) BMOE cross-linked *E. coli* TcdA-CsdE complex.

**Supplementary Information:** The Crystal Structure and Small-Angle X-Ray Analysis of CsdL/TcdA reveal a new tRNA binding motif in the MoeB/E1 superfamily. M. López-Estepa, A. Ardá, M. Savko, A. Round, W.E. Shepard, M. Bruix, M. Coll, F.J. Fernández, J. Jiménez-Barbero, M.C. Vega. *PLoS ONE*, 2015.