



S3 Fig. Guinier analysis of SAXS data. Guinier analysis of SAXS data for $WzzB_{SF}$, top panel; and $WzzB_{SF}^{A107P}$, bottom panel. The first 25 points of each dataset are shown transformed as q^2 vs $\text{Ln } I(q)$. Linear regressions used for determination of R_g and $I(0)$ are shown as black lines. Linearity in the fitted region is apparent for all datasets. These regions were determined using AUTORG. Larger ranges of points are selected for lower concentrations as selection is constrained to points where $q \cdot R_g < 1.3$, and R_g increases with concentration for these samples.