Fig. S5. Determination of RS-III_A22S concentrations appropriate for agglutination inhibition assays. Mutant RS-III_A22S was serially diluted in working buffer and sample of each concentration was mixed with 5% RBC_0° or yeast suspension in 1:1 ratio. Mixture was incubated at room temperature for 5 minutes or 10 minutes, respectively, mixed again, applied to a glass slide and observed under the Levenhuk microscope. Pictures were taken by the camera DEM135 (Levenhuk). RS-III_A22S in concentration of 200 nM was used in hemagglutination inhibition assay and its concentration of 6.25 µM was selected for yeast agglutination inhibition assay. All negative control experiments did not show any visible agglutination.