



Supplemental Figure S7. TAT-BIND suppressed expanded CAG RNA-induced nucleolar stress *in vivo*. Dose-response effect of TAT-BIND on rescuing *pre-rRNA* expression level in *DsRed_{CAG100}* *Drosophila*. Third instar larvae were treated with respective peptides dissolved in 2% sucrose solution for 2 hr at room temperature. RNA extraction was performed on 12 day-old adult flies. The genotypes of the flies were: *w; gmr-GAL4 UAS-DsRed_{CAG0}/+; +/+* and *w; gmr-GAL4/+; UAS-DsRed_{CAG100}/+*. Data were normalized to untransfected control and plotted as mean \pm S.E.M. Experiments were repeated at least three times. * indicates $P < 0.05$, ** indicates $P < 0.01$ and *** indicates $P < 0.001$.