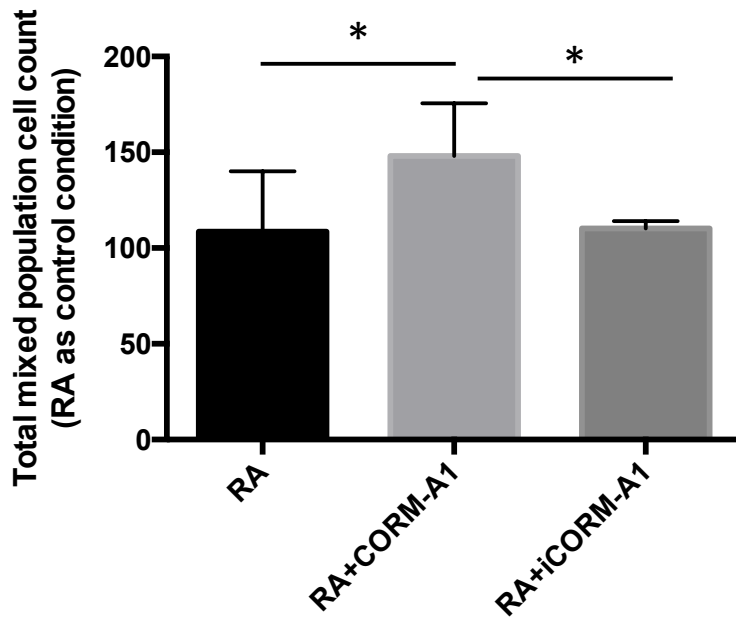


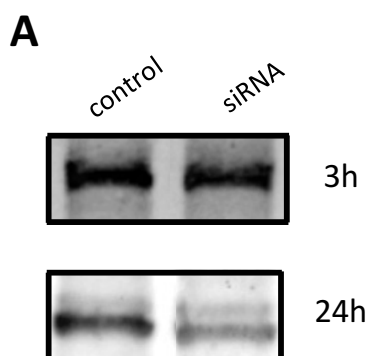
## Supplementary Material

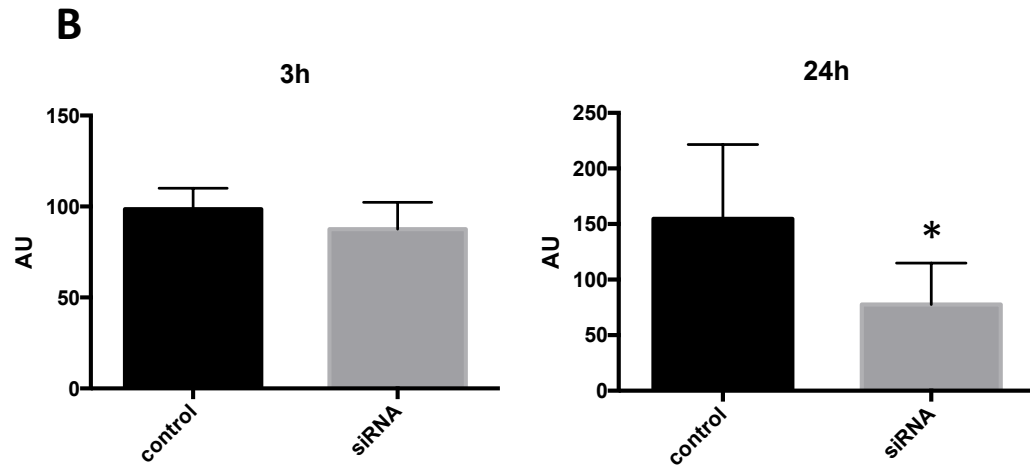
Figure S1



**Figure S1: iCORM-A1 does not improve neuronal differentiation yield.** Nuclei count *per* volume of SH-SY5Y cells and normalized by control cells treated with RA, following 7 days of differentiation.  $p < 0.05$ .

Figure S2





**Figure S2: Quantification of G6PD protein expression following siRNA silencing approach.** Protein quantification was assessed at 3 hours and 24 hours of neuronal differentiation, which corresponds to 27 hours and 48 hours of siRNA silencing, respectively. (A) Representative western blot membrane for each time point; (B) western blot band quantification. \* p-value<0.05.