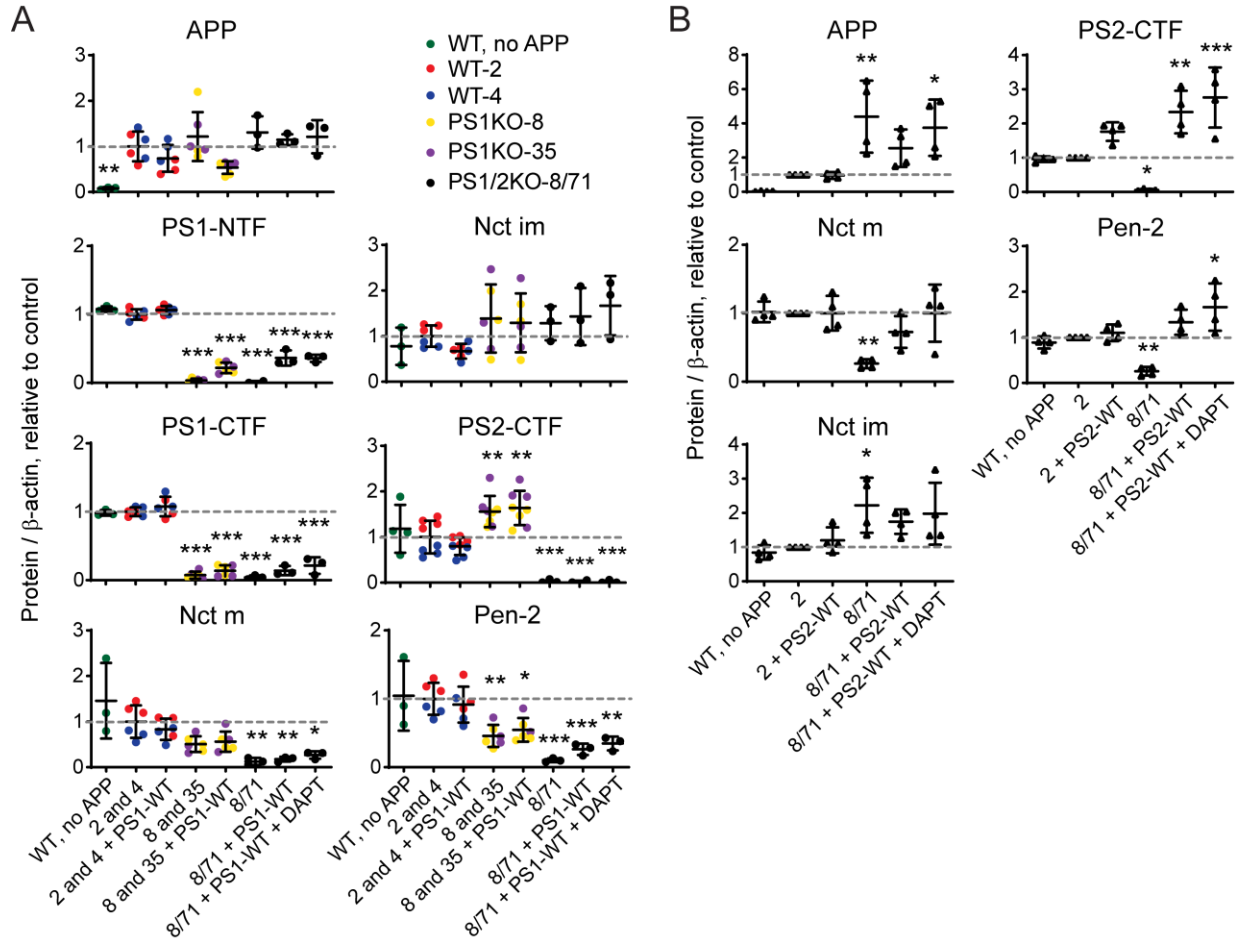


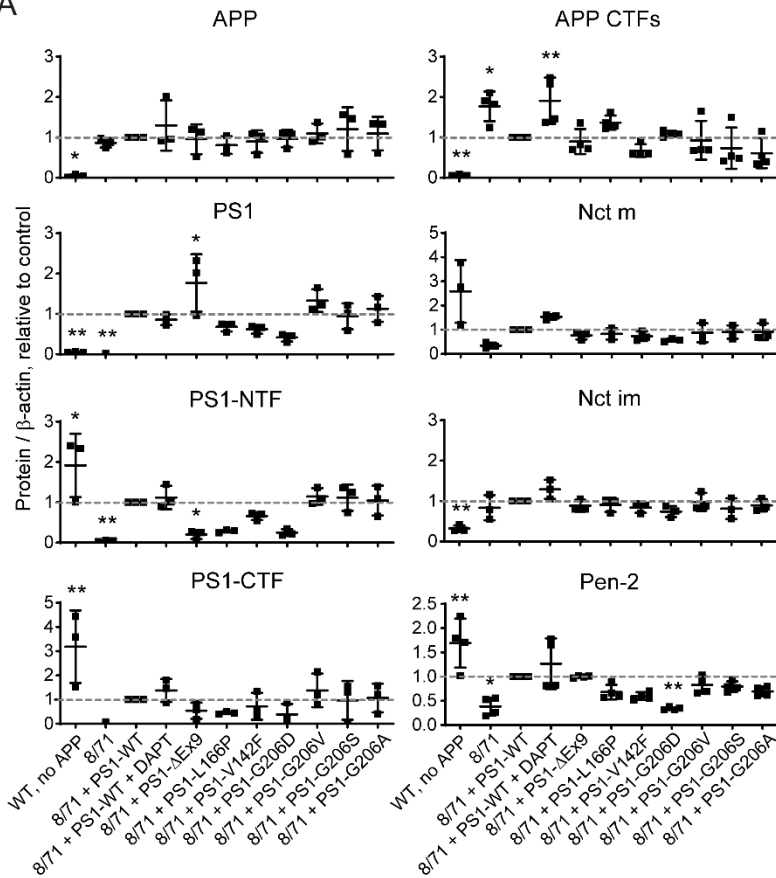
Supplementary Fig. S1



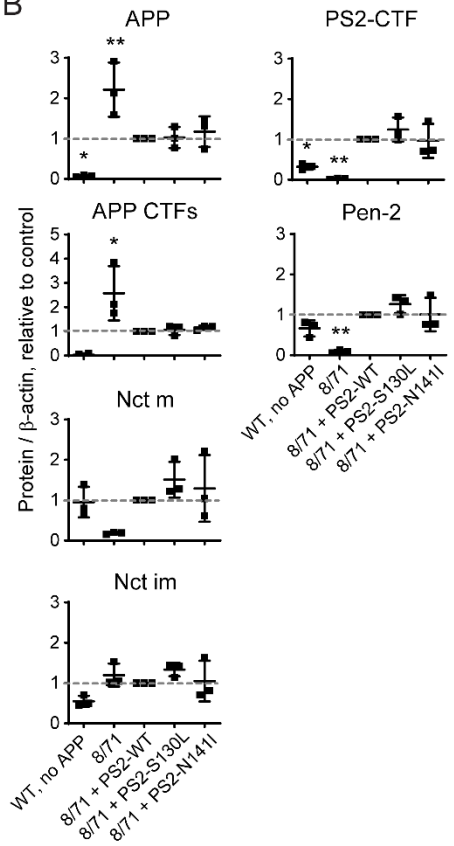
Overexpression of wild type *PSEN1* or *PSEN2* in the double *Psen1/Psen2* knock-out cells. (A, B) Quantification of γ -secretase subunits and APP processing by western blotting based on Fig. 3C and 4A. Values shown are mean \pm SD of $n = 3$ independent experiments with one technical replicate each. * $P < .05$, ** $P < .01$, *** $P < .001$, one-way ANOVA with Dunnett's post-hoc test against the control condition (2 and 4 in A, 2 in B).

Supplementary Fig. S2

A



B



Overexpression of mutant *PSEN1* or *PSEN2* in the double *Psen1/Psen2* knock-out cells. (A, B) Quantification of γ -secretase subunits and APP processing by western blotting based on Fig. 5A and 6A. Values shown are mean \pm SD of $n = 3$ independent experiments with one technical replicate each. * $P < .05$, ** $P < .01$, one-way ANOVA with Dunnett's post-hoc test against the control condition (8/71 + PS1-WT in A, 8/71 + PS2-WT in B).