

Expanded View Figures

Figure EV1. Over-representation of A β APRs in tau tangles and amyloid plaques.

- A Subcellular localization of proteins found in amyloid plaques (Xiong *et al*, 2019a, b).
- B No over-representation was observed of any A β regions in Tau tangles isolated from human AD brains (Drummond *et al*, 2020a, b). Hippocampal formation data set from Human Protein Atlas was used as background. Statistics: Hypergeometric test with Bonferroni correction. * $P \leq 0.05$.
- C Over-representation of C-terminal APR in A β amyloid plaques isolated from human AD brains. (Drummond *et al*, 2017a, b). Hippocampal formation data set from Human Protein Atlas was used as background. Statistics: Hypergeometric test with Bonferroni correction. * $P \leq 0.05$, ** $P \leq 0.01$, **** $P \leq 0.0001$.

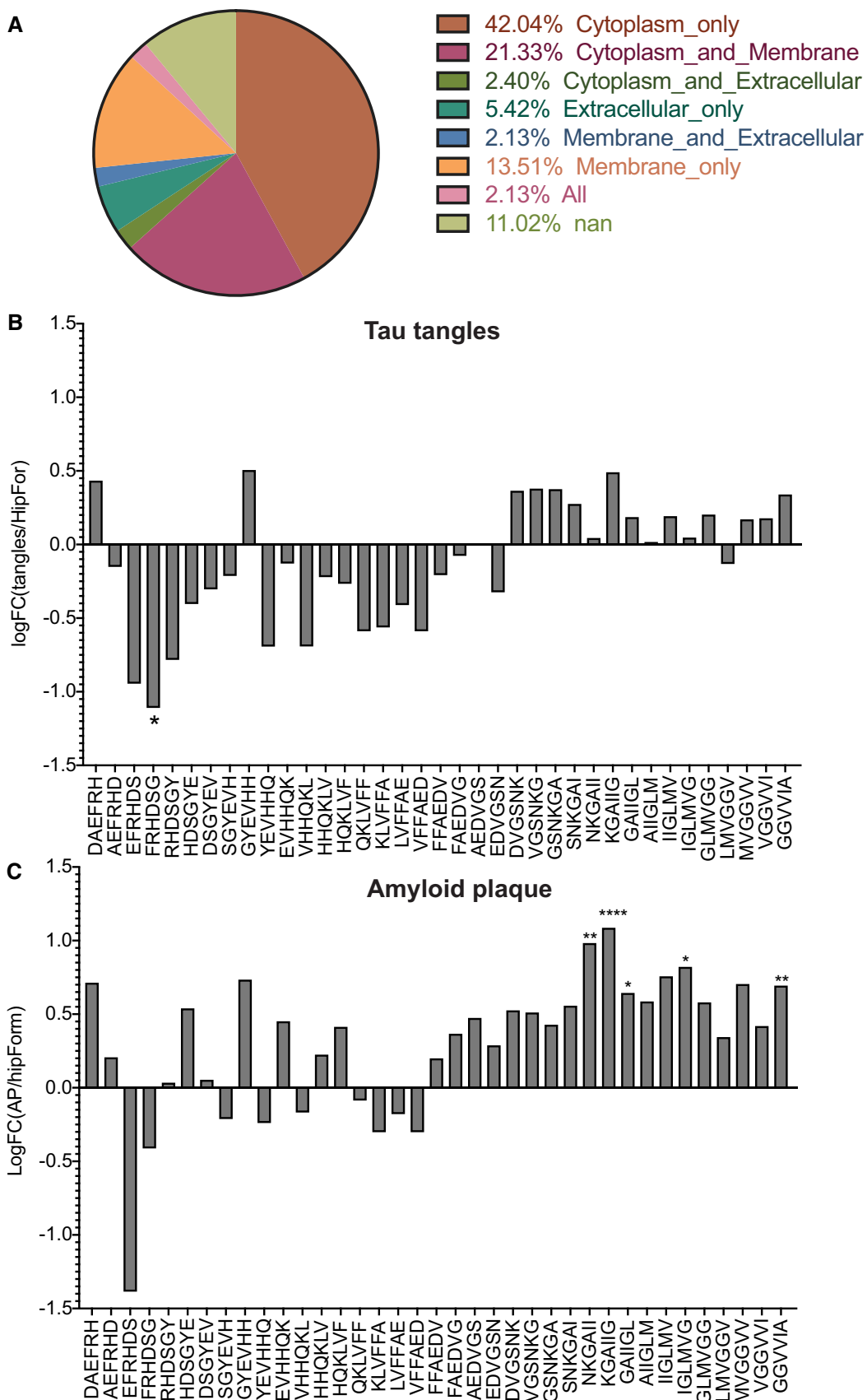


Figure EV1.

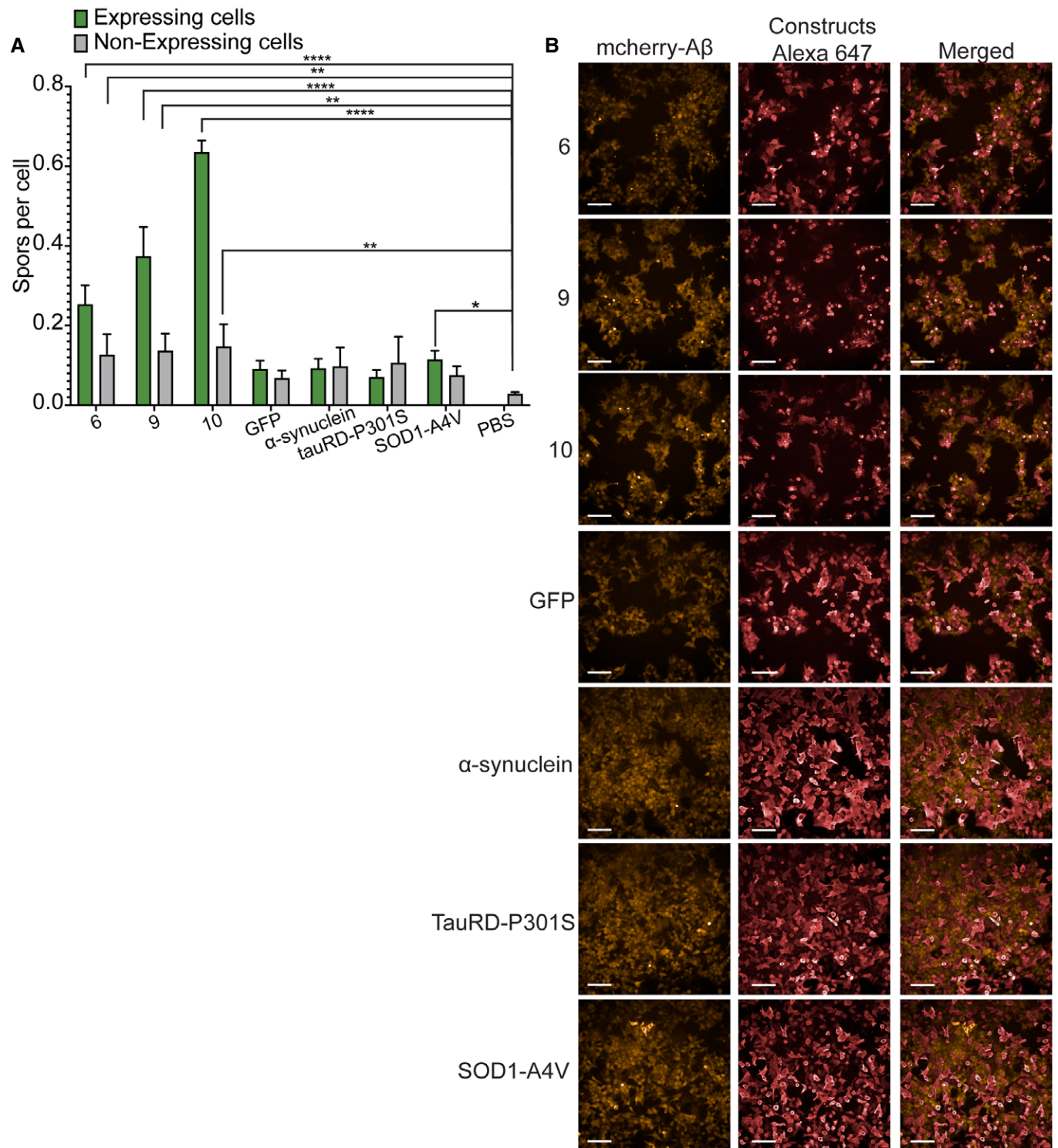


Figure EV2. Effect of expression of amyloidogenic proteins in aggregation of Aβ.

A Quantification of spots per cell for aggregation inducer constructs (6, 9, 10) and known amyloidogenic proteins (α-synuclein, tauRD-P301S, SOD1-A4V). Graph: mean with 95% CI. (*n* = 4 independent experiments, statistics: ordinary one-way ANOVA). **P* ≤ 0.05, ***P* ≤ 0.01, *****P* ≤ 0.0001.

B Representative images of cells expressing the different constructs. mCherry indicates Aβ, Alexa647 the constructs. Scale bars: 100 μm.