

**Supplementary Table 1. Deferential gene expression results**

<b>Names of group comparisons in online data set</b>	<b>Names used in the manuscript</b>
BorControl vs WT	APP/PS1 untreated vs Wild type
BorBCI vs BorControl	APP/PS1 treated with BCI-838 vs APP/PS1 untreated
BorPE vs BorControl	APP/PS1 treated with PE vs APP/PS1 untreated
BorBCI vs BorPE	APP/PS1 treated with BCI-838 vs APP/PS1 treated with PE
BorCombination vs BorControl	APP/PS1 treated with BCI-838 and PE vs APP/PS1 untreated
BorCombination vs BorBCI	APP/PS1 treated with BCI-838 and PE vs APP/PS1 treated with BCI-838
BorCombination vs BorPE	APP/PS1 treated with BCI-838 and PE vs APP/PS1 treated with PE