

Supplementary Data

EEG, Activity, and Sleep Architecture in a Transgenic $A\beta PP_{swe}/PSEN1_{A246E}$ Alzheimer's Disease Mouse

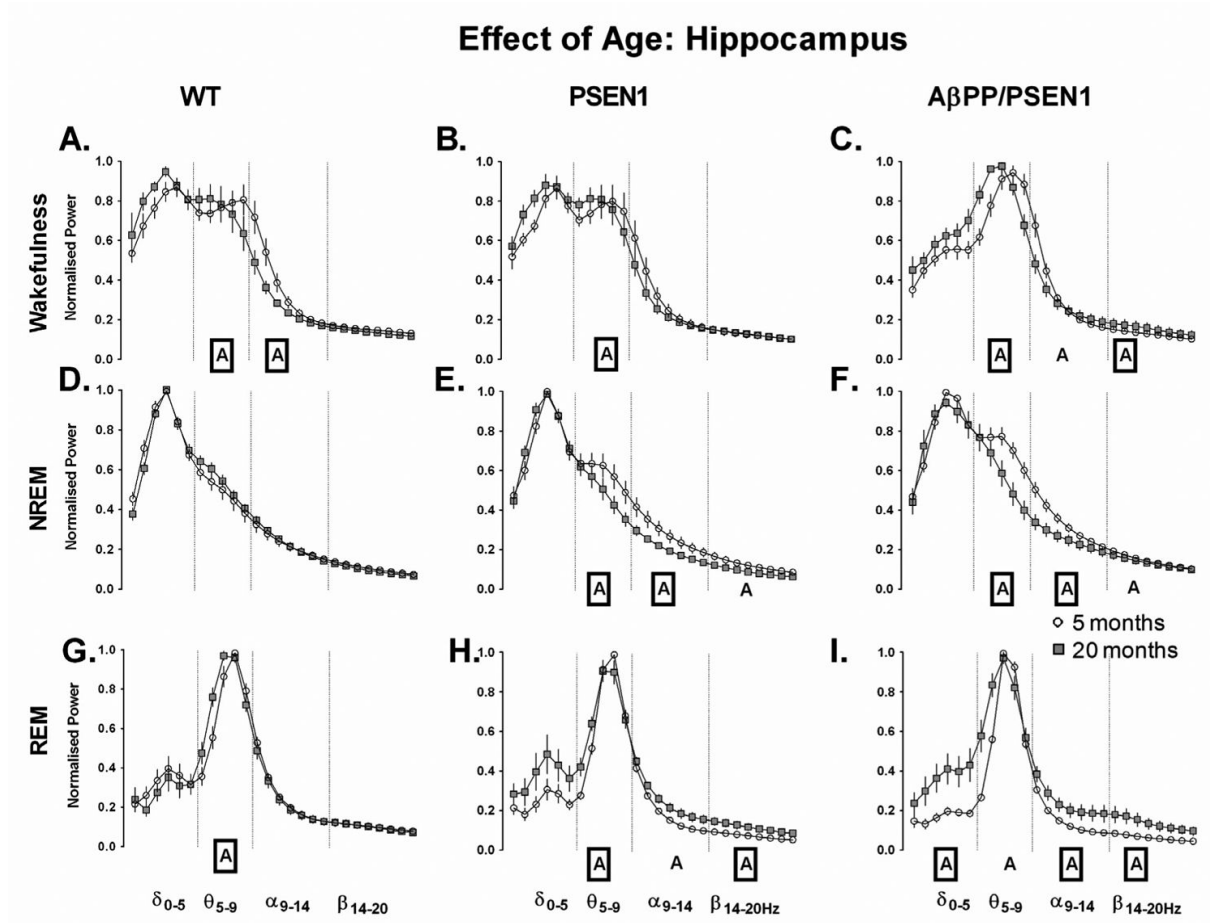
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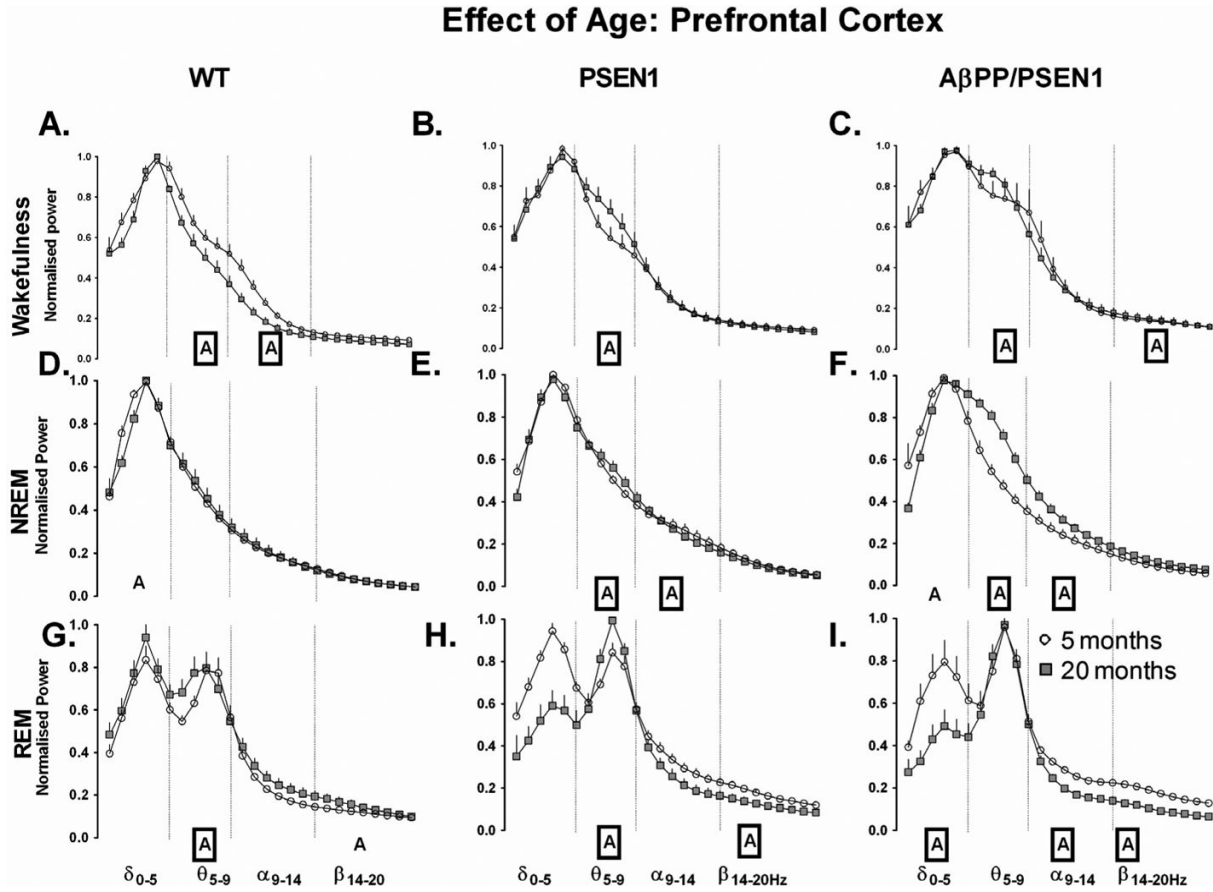
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Supplementary Figure 1. Age-effects obtained in hippocampal power spectra (frequencies and bands indicated in E&F) grouped for wild type (WT), PSEN1 and A β PP/PSEN mice and for the three vigilance stages, i.e. wakefulness (A,B), NREM (C,D) and REM (E,F) sleep. Significant effects of age (A) are indicated per band, rectangles indicate a match with prefrontal cortex spectra (see Supplementary Fig. 2). Data are shown as mean $\pm$ SEM.



Supplementary Figure 2. Age-effects obtained in EEGs recorded above the prefrontal cortex recording site grouped for wild type (WT), PSEN1 and A β PP/PSEN mice, and for wakefulness (A,B), NREM (C,D) and REM (E,F) sleep. Significant age effects (A) are indicated per band (frequencies and bands indicated in E&F), rectangles indicate a match with hippocampal EEG spectra (see Supplementary Fig. 1). Data are shown as mean $\pm$ SEM.