Supplementary Material

Tau Loss of Function, by Deletion or Aggregation, Contributes to Peripheral Insulin Resistance

Supplementary Figure 1. Exposure to the p38 MAPK inhibitor, SB203580, increases glucose uptake in Tau KO and P301L mice hepatocytes. Primary mouse hepatocytes isolated from P301L mice show increased oxidative stress compared to wild type hepatocytes (A). Data represent mean ± SEM of 3 mice, each with six experimental replicates. **p<0.01; One-way ANOVA, Dunnett's post hoc test. Treatment of Tau KO (B) and P301L (C) mice hepatocytes with the p38 MAPK inhibitor, SB203580, results in a trend towards reduction of oxidative stress accompanied by a significant increase in glucose-uptake (D-E). Data represent mean ± SEM of 3 mice, each with six experimental replicates, *p<0.05; Unpaired t-test.