



Figure S1 – Mouse Hemibrain and Post-mortem Brain Slice Weights.

a, A total of three mice (circled in red) were excluded from further analysis for being low outliers (greater than 2 standard deviations below the mean) for hemibrain weight. **b**, Among the 2–3 month-old mice, *Grn*^{-/-} hemibrains were slightly heavier than wild-type (**b**, around 12 mg heavier on average, ANOVA effect of genotype, $p = 0.0015$, * = $p = 0.0445$ by Dunnett's post-hoc test). **c**, However, there was no genotype difference in hemibrain weight among the 12–13 month-old mice (ANOVA effect of genotype, $p = 0.8965$). **d**, The weight of post-mortem tissue slices used for EV isolation also differed between controls and FTD-*GRN* patients (t -test, $p = 0.0325$). **e**, However, post-mortem slice weight did not significantly correlate with uncorrected levels of CD81 in fraction 2 (Pearson correlation, $r = 0.4077$, $r^2 = 0.1662$, $p = 0.0931$), suggesting that slice weight was not the primary factor driving group differences in EV levels.