



Supplemental Figure S38. Loci regulating mitochondrial levels. (A) *GORAB* and *DARS2* on human Chromosome 1 regulate hamster mitochondrial abundance. (B) Increased human *DARS2* sequence reads are associated with an increase in hamster mitochondrial reads. Red line, best fit. Grey band, 95% confidence interval. (C) *GRID2* locus on human Chromosome 4 regulates hamster mitochondrial abundance. (D) Increased human *GRID2* reads are associated with increased hamster mitochondrial reads. (E) Locus on human Chromosome 3 mapping to *CAPN7* and near *SH3BP5* regulates human mitochondrial abundance. (F) Increased human *CAPN7* reads are associated with increased human mitochondrial reads. Horizontal red lines (A, C), permutation significance thresholds; (E), FDR = 0.05.