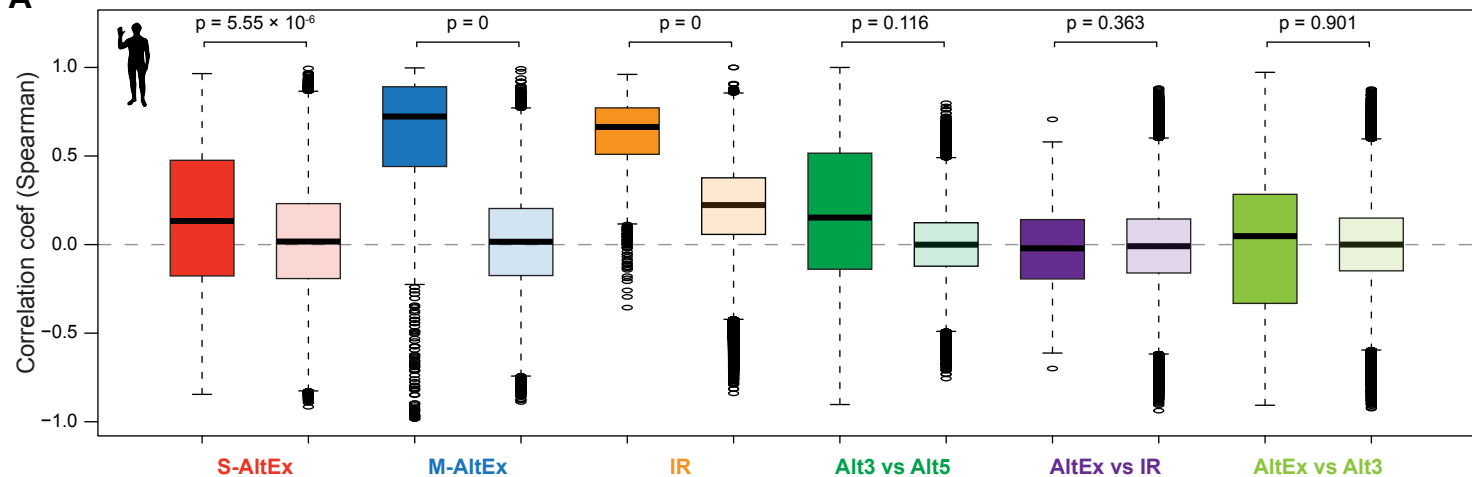
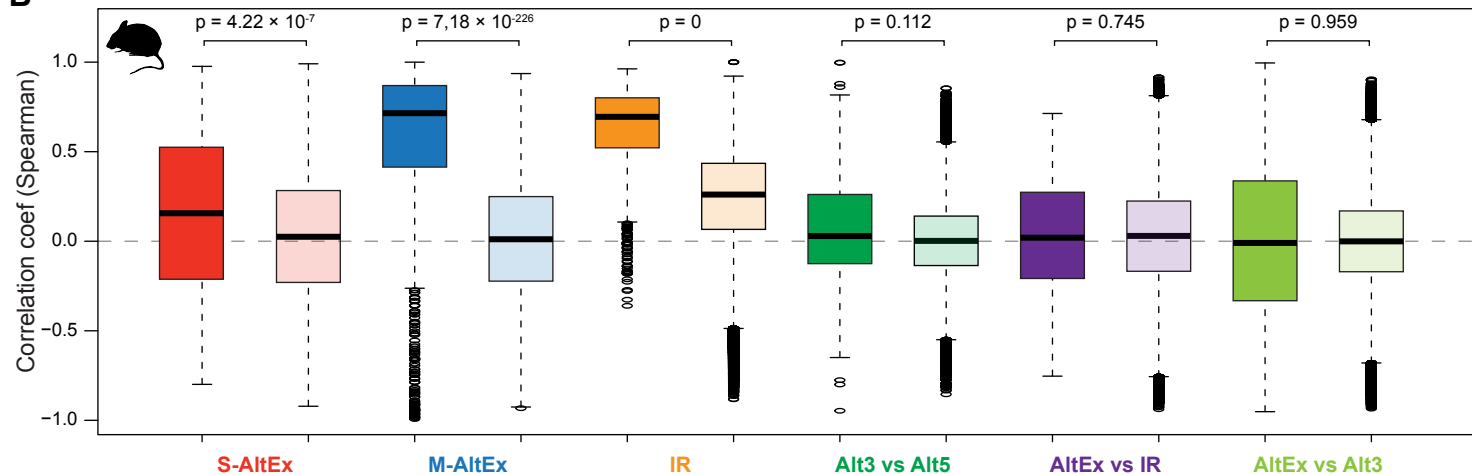
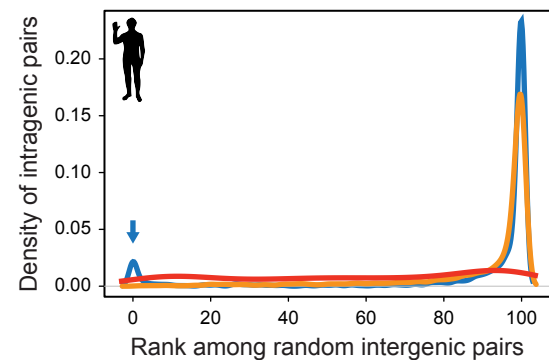
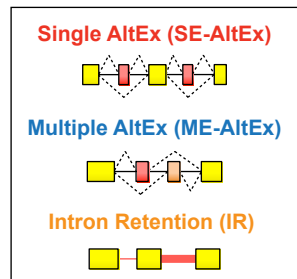
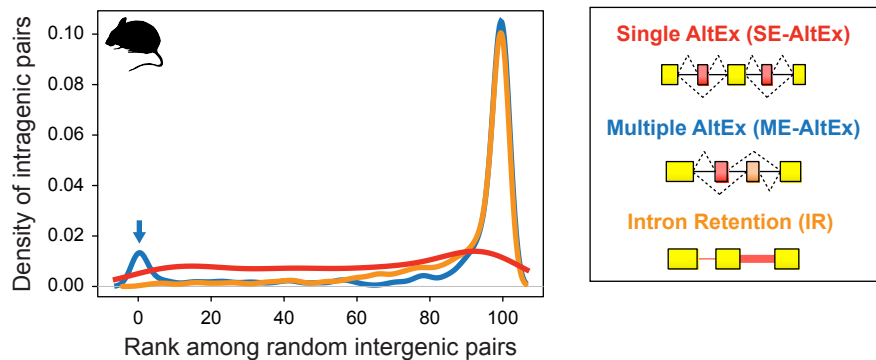


**A****B****C****D**

**Supplemental Figure S6 – Multiexonic AltEx and IR events show high intragenic co-regulation**

A,B) Distributions of Spearman correlation coefficients for pairs of human (A) and mouse (B) AS events in the same/different genes (dark/light colors). SE-AltEx: pairs of single exon skipping events, separated by at least one constitutive exon; ME-AltEx: exon pairs from multi-exon skipping events; IR: pairs of IR events; Alt3 vs Alt5: a pair of Alt3 and Alt5 events in the same gene, but not affecting the same exons; AltEx vs IR: a cassette exon and an IR events; AltEx vs Alt3: a cassette exon and an alternative 3'ss choice. P-values correspond to a Wilcoxon Sum Rank test. C,D) Density of ranks of intragenic pairs within 100 random intergenic pairs of the same types of AS event for human (C) and mouse (D). Most intragenic pairs for M-AltEx and IR have high ranks (i.e. highly positively co-regulated), although a fraction of M-AltEx also shows very low ranks (i.e. mutually exclusive exons; blue arrows).