

Figure S6. Distribution of social responsiveness scores for top six candidate modifiers.

The asterisks on the RASopathies normalized social responsiveness score (SRS) distribution show the normalized SRS for heterozygous individuals for the top SNPs ($MAF \leq 0.05$) rs62621010 **(A)**, rs117802216 **(B)** and rs149068014 **(C)**. No homozygous individuals for the minor allele are found. Each individual is labeled by RASopathy. For the common SNPs ($MAF > 0.05$) rs531418 **(D)**, rs11013152 **(E)** and rs1028948 **(F)**, the normalized social responsiveness score are shown by genotype in the boxplots. When heterogeneity is significant (see Table 2), only individuals in RASopathy groups that contribute to the meta-analysis evidence are shown.

