**S6 Fig**. **Gene ontology analysis and Ingenuity Pathway Analysis for the Royal Blue module.** A) Gene ontology analysis (*q*<.05) for Royal Blue (ASD) module, B) Ingenuity Pathway analysis revealed significant over-representation of genes involved with immunological processes, protein synthesis, and cell-to-cell signaling in this module. Genes co-expressed within this module were predominantly up-regulated in those with 22q11DS and an ASD.

A.

-Log (*q*-value)

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