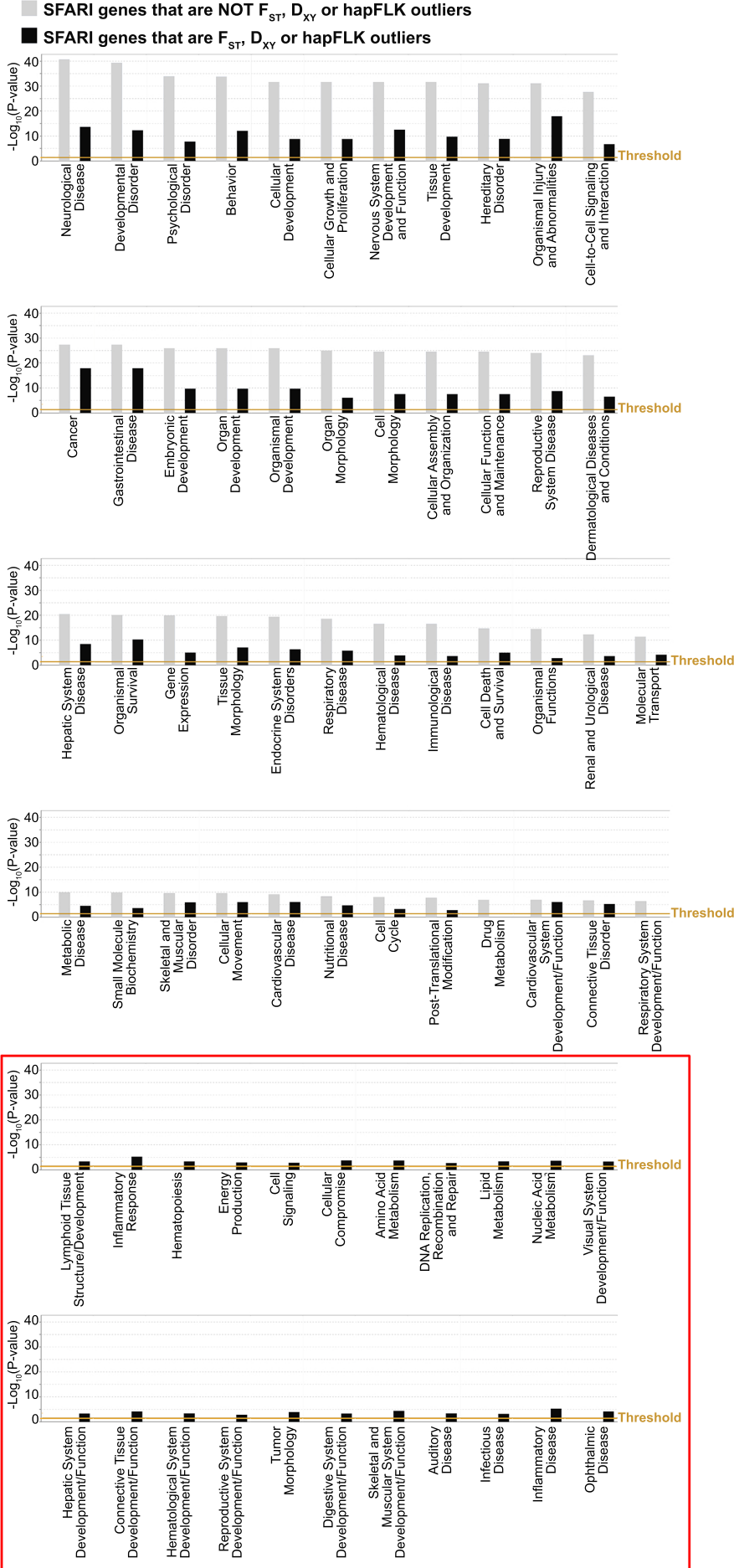




Additional file 8. Ingenuity Pathway Analysis Comparison Analysis [47] revealed enriched pathway categories in diversified ASD-risk genes in cavefish.

In comparison with ASD-risk genes (SFARI genes) which did not pass either of our thresholds (top 5 % for F_{ST} , top 20 % for D_{XY} or $P < 0.05$ for hapFLK), ASD-risk genes passed our threshold highlighted the unique pathway categories including digestive system development and function, inflammatory diseases, lipid metabolism, and energy metabolism (enclosed with a red rectangle). The enriched pathways that passed the significant threshold for this analysis are shown (above the yellow line).