



P-Value of GO Category Enrichment in Tissue-Specific E2F4 Binding Events



	Cell Cycle <u>GO:0007049</u>	DNA Replication <u>GO:0006260</u>	DNA Repair <u>GO:0006281</u>	DNA Packaging <u>GO:0006323</u>	RNA Processing <u>GO:0006396</u>	Apoptosis <u>GO:0006915</u>	Cell Differentiation <u>GO:0048468</u>
Liver (62)	> 0.01	> 0.01	> 0.01	> 0.01	> 0.01	> 0.01	> 0.01
Islets (20)	> 0.01	> 0.01	> 0.01	> 0.01	0.076	> 0.01	> 0.01
Acinar (90)	0.005	> 0.01	3.03E-05	> 0.01	> 0.01	> 0.01	> 0.01
HepG2 (100)	> 0.01	> 0.01	> 0.01	> 0.01	0.001	> 0.01	0.0071



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Liver (36)	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Kidney (19)	0.035	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Testes (33)	0.052	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Spleen (31)	0.071	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Acinar (85)	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Islets (63)	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
Brain (16)	> 0.1	0.028	> 0.1	> 0.1	> 0.1	> 0.1	> 0.1
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Supplemental Figure 4. Tissue-specific E2F4 binding events are not significantly enriched in functional pathways in either mouse or human. The known functional pathways regulated by E2F4 are shown here; other pathways are similarly unenriched (not shown).