ONLINE SUPPLEMENT

Inhibitor of DNA Binding Protein 2 (ID2) Mediates the Anti-Proliferative and Pro-Differentiation Effects of Insulin-Like Growth Factor 1 (IGF-1)

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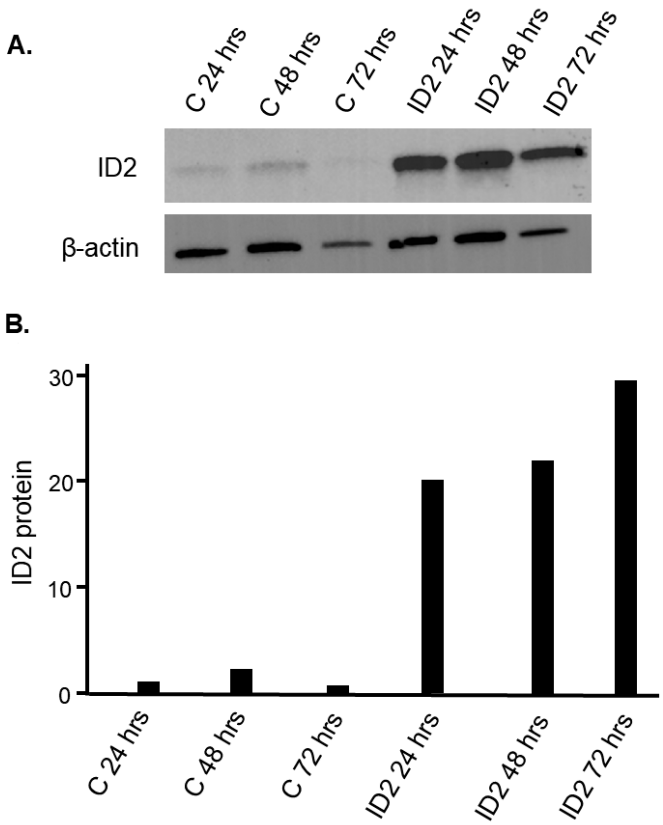
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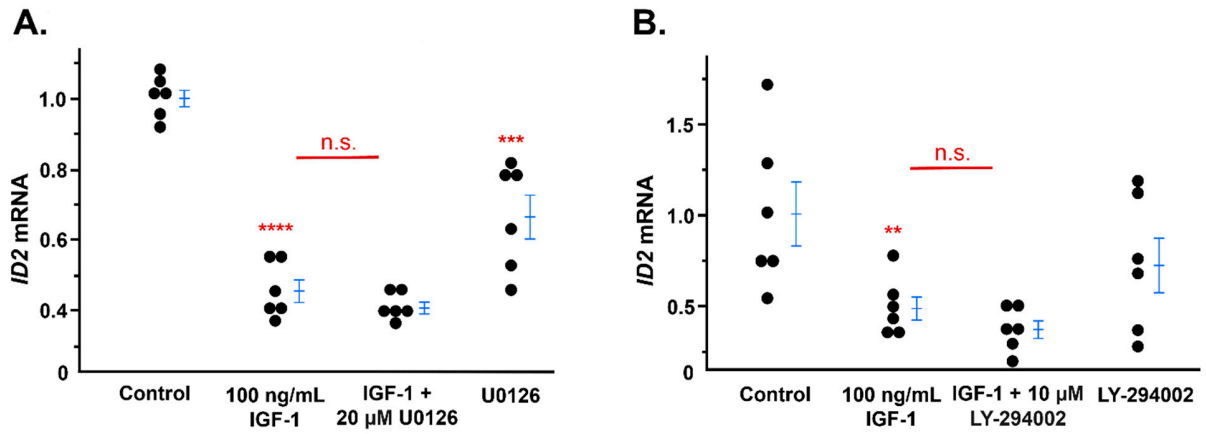
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Supplementary Figure S1. ID2 overexpressing plasmid elevates ID2 expression. Time course experiments show ID2 protein (western blot in **A,** densitometric quantitation in **B**) are highest 72 hours after transfection which is when all functional assays were conducted.



Supplementary Figure S2. Neither inhibition of MEK1/2 (U0126) nor inhibition of PI3K (LY-294002) abolishes the effects of IGF-1 on the expression of ID2. After 24 hours treatment with IGF-1 plus either U0126 (A) or LY-294002 (B) elevated mRNA levels of *ID2* in HTR8 cells. Experiments were repeated 2 times with each experimental group consisting of 3 replicates. ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$.