

Id2 is regulated by C/EBP α and promotes HCC proliferation

Supplementary Table 1. Primers for the qRT-PCR and ChIP

Name	Forward (5'-3')	Reverse (5'-3')
For qRT-PCR		
Id2	TCCCCTATTGTGTCAGCCTGC	AGAAGCCTGCAAGGACAG
C/EBP α	TGTATACCCCTGGTGGGAGA	TCATAACTCCGGTCCCTCTG
GAPDH	AGAAGGCTGGGGCTCATTG	AGGGGCCATCCACAGTCTTC
For ChIP		
Id2	ATCTTCCCTTCTCTCTCCTCCCTCC	GCGAGCCCAGCTGGGGTGGTAAATAGA

Supplementary Table 2. Antibodies for Western blot or ChIP

Antibody	Clone & host	Dilution	Company
Id2	SC-489, rabbit IgG	1:100 for WB	Santa Cruz
C/EBP α	38311-1-AP, rabbit IgG	1:500 for WB	Proteintech
FLAG	F2555, rabbit IgG	1:100 for ChIP	Sigma-Aldrich
Cleaved caspase 3	CST-9661, rabbit IgG	1:500 for WB	Cell signaling
caspase 3	CST-9662, rabbit IgG	1:500 for WB	Cell signaling
HRP- β -actin	AC-15, rabbit IgG	1:10000 for WB	Sigma-Aldrich
HRP-anti Rabbit IgG	Goat	1:4000 for WB	Sigma-Aldrich

Supplementary Table 3. Primers for promoter cloning

Name	Forward (5'-3')	Reverse (5'-3')
Id2-promoter (-1044 bp/+358 bp)	CGACGCGTCAACAACCTCTTGCCAACCTGAC	GAAGATCTTGAAGCGCGAGCCCAGAACTTA
Id2-promoter (-747 bp/+358 bp)	CGACGCGTCGCCTCTGGCTAGACCGAATG	GAAGATCTTGAAGCGCGAGCCCAGAACTTA
Id2-promoter (-164 bp/+358 bp)	CGACGCGTCCGCACTTACTGTACTGT	GAAGATCTTGAAGCGCGAGCCCAGAACTTA
Id2-promoter (-102 bp/+358 bp)	CGACGCGTCACTGAGAAGGCGAGAGAATC	GAAGATCTTGAAGCGCGAGCCCAGAACTTA
Id2-promoter (mutant)	CGACGCGTCCGCCACCCATTGTGCTGT	GAAGATCTTGAAGCGCGAGCCCAGAACTTA