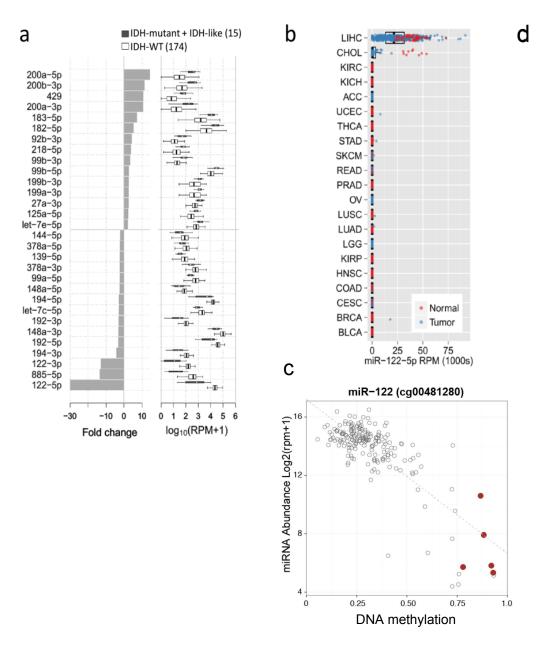
Fig. S4



Functionally validated target genes	FDR	Spearman rho
GIT1 28964	1.77E-20	-0.65
LMNB2 84823	1.01E-18	-0.63
PKM2 5315	3.23E-18	-0.62
TBC1D10B 26000	8.07E-16	-0.59
GYS1 2997	1.80E-13	-0.55
IQGAP1 8826	9.20E-13	-0.54
FAM117B 150864	1.04E-12	-0.54
BAI2 576	7.46E-12	-0.52
CHST12 55501	5.05E-11	-0.51
ABCC10 89845	8.07E-11	-0.50
ARHGAP1 392	6.37E-10	-0.48
RAB6B 51560	7.59E-10	-0.48
ALDOA 226	1.07E-09	-0.48
UBAP2 55833	2.28E-09	-0.47
C9orf86 55684	2.92E-09	-0.47
ATP13A2 23400	8.09E-09	-0.46
BICD1 636	8.89E-09	-0.46
DSTYK 25778	1.46E-08	-0.45
SLC7A1 6541	1.60E-08	-0.45
DULLARD 23399	6.50E-08	-0.44
FUT8 2530	7.92E-08	-0.43
HIF1A 3091	9.41E-08	-0.43
SEMA4D 10507	1.21E-07	-0.43
SLC4A3 6508	1.51E-07	-0.43
IGF1R 3480	2.93E-07	-0.42
TPD52L2 7165	5.10E-07	-0.41
ADAM17 6868	5.36E-07	-0.41
CLIC1 1192	5.97E-07	-0.41
CS 1431	6.24E-07	-0.41
AKT3 10000	6.85E-07	-0.41