

Supplementary Table 1 : Pathways enriched in SW480 cells with LIN28B overexpression and IMP1 deletion

NAME	NES	NOM p-val	FDR q-val	FWER p-val
HALLMARK_E2F_TARGETS	-2.454074	0	0	0
HALLMARK_G2M_CHECKPOINT	-2.2141345	0	0	0
HALLMARK_MYC_TARGETS_V1	-2.0498626	0	0	0
HALLMARK_OXIDATIVE_PHOSPHORYLATION	-1.7566986	0	0.002211519	0.007
HALLMARK_NOTCH_SIGNALING	-1.6862454	0.002053388	0.002624215	0.01
HALLMARK_FATTY_ACID_METABOLISM	-1.5941863	0	0.008481816	0.038
HALLMARK_WNT_BETA_CATENIN_SIGNALING	-1.5165645	0.01705757	0.0167675	0.085
HALLMARK_MYC_TARGETS_V2	-1.456847	0.015625	0.026727388	0.149
HALLMARK_UV_RESPONSE_UP	-1.4103328	0	0.0386601	0.23
HALLMARK_DNA_REPAIR	-1.3855485	0.012987013	0.044314306	0.283
HALLMARK_SPERMATOGENESIS	-1.3849131	0.006593407	0.040523335	0.285
HALLMARK_PEROXISOME	-1.3344721	0.027253669	0.061803464	0.429
HALLMARK_MTORC1_SIGNALING	-1.3153853	0.013888889	0.06772548	0.495
HALLMARK_ADIPOGENESIS	-1.3133562	0.008602151	0.06409443	0.503
HALLMARK_CHOLESTEROL_HOMEOSTASIS	-1.3059405	0.055900622	0.064840354	0.533
HALLMARK_MITOTIC_SPINDLE	-1.2059352	0.04954955	0.16254866	0.865
HALLMARK_ESTROGEN_RESPONSE_LATE	-1.1966153	0.0771028	0.16710739	0.883
HALLMARK_HEDGEHOG_SIGNALING	-1.1826227	0.17038539	0.17756905	0.916
HALLMARK_GLYCOLYSIS	-1.1664828	0.08	0.19207256	0.94
HALLMARK_ANGIOGENESIS	-1.1518369	0.21111111	0.20649734	0.958
HALLMARK_BILE_ACID_METABOLISM	-1.1412742	0.18518518	0.21454285	0.967
HALLMARK_ANDROGEN_RESPONSE	-1.120606	0.20177384	0.2415668	0.986
HALLMARK_HYPOXIA	-1.068403	0.2488372	0.3487353	0.999
HALLMARK_PI3K_AKT_MTOR_SIGNALING	-1.040257	0.3325792	0.40959582	0.999
HALLMARK_PANCREAS_BETA_CELLS	-1.0032067	0.40169132	0.5057253	1
HALLMARK_KRAS_SIGNALING_DN	-0.9755197	0.518847	0.5805789	1
HALLMARK_XENOBIOTIC_METABOLISM	-0.9621439	0.5788337	0.6075719	1
HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHWAY	-0.9223176	0.5813449	0.72866654	1
HALLMARK_IL2_STAT5_SIGNALING	-0.9090229	0.8098434	0.75037533	1

HALLMARK_APICAL_SURFACE	-0.823883	0.81991524	0.9356491	1
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