

## Supplementary Data 1. Genes upregulated in both HCT116 and SW480

Gene Symbol	log2 (HCT116E / HCT116C)	log2 (SW480E / SW480C)
USP51	13.18225971	5.68278915
CNTNAP2	1.068810393	3.364051952
PLXNA2	1.086905918	2.188828859
SSTR5	0.595125645	1.924274889
CACNA1H	0.3738752	1.771921748
EML1	0.608872236	1.501028272
SOX8	0.842401678	1.462861239
ERFE	0.431354596	1.13893619
FLNC	0.273442906	1.100285706
INHBB	1.371051257	1.043349183
ZFYVE28	0.555323117	0.964372905
GRIK4	1.748211268	0.93313869
SEMA3F	0.325497061	0.862402244
PRRT4	0.469022746	0.839641789
SEMA3A	0.562747987	0.808945514
MCF2L	0.403796372	0.782040692
OLFM1	1.11616248	0.776698393
UNC5A	0.412463247	0.757829238
SYT7	0.31277814	0.751205952
PDE9A	0.338176958	0.744428501
CDKN1C	0.736830176	0.739795576
PRDM16	0.46908857	0.736808169
ATP1A3	0.374153849	0.726524976
USH1C	0.505936212	0.716803836
AHNAK2	0.68958024	0.620041219
FHL1	0.744456928	0.596702246
BDNF	0.494704088	0.583354783
KCNIP3	0.749485149	0.574213773
ASS1	0.188907843	0.561398111
VEGFA	0.248419764	0.545520409
COL6A1	0.30375275	0.534192322
GSE1	0.330639326	0.528733436
PCSK9	0.169979821	0.489203809
BMP6	0.644426449	0.475584804
METTL7B	0.370142045	0.453185452
CARD10	0.279713866	0.446533715
PDK1	0.712422825	0.436320221
PTPRU	0.31916701	0.423657379
FGFR4	0.184205692	0.39835
STMN3	0.270834124	0.389870957
PDK3	0.583875827	0.385160376
MCT4	0.154736903	0.370877922
EPHB2	0.464117344	0.366694074
KIF21B	0.554775738	0.356544511
TMC6	0.3951285	0.351558467
PGK1	0.441579596	0.347149453
SULF2	0.719423331	0.342447687
ASIC1	0.333715269	0.334264765
MAN1A1	0.378072388	0.324276632
HK2	0.474345446	0.320326339
TBKBP1	0.399587292	0.311948869
SPTBN2	0.338588813	0.308921746
SYN3	0.171137286	0.306915381
PTPRN2	0.560729698	0.298073625
HSPA12A	0.247143883	0.279626086
OBSCN	0.54668852	0.260010652
GPR153	0.614678585	0.253839657
RUNX3	0.258069394	0.252140205
NARF	0.369767281	0.250287937
ACSS2	0.299682627	0.24036857
GOLGA8A	0.344338931	0.235694708
MAP1LC3B	0.216899894	0.225585594
LDHA	0.314525305	0.2181131
GLO1	0.161647379	0.21106834
CRABP2	0.530399128	0.209241977
CLIP2	0.310106305	0.206752259
STRA6	1.364928931	0.194767802
COL18A1	0.427009345	0.17507006