

Supplementary table 2: The microarray data of Beclin-1 knock down cell (lg fold change)

Gene name	SiRNA	Beclin-1 cDNA
EIF4G2	0.671381	-1.26603
MED21	0.676847	-1.37898
BORA	0.799468	-0.61814
ATP6V1A	0.791629	-0.6301
EIF2S1	0.783894	-0.6059
MIB1	0.760174	-0.63666
WDFY3	0.755221	-0.63579
CAPRIN1	0.734639	-0.60754
RIOK3	0.737783	-0.62882
ATP6V1C1	0.831335	-0.62128
NIN	0.84372	-0.65541
HSP90AA4P	0.867678	-0.59371
CSE1L	1.009251	-0.58691
CAPZA1	0.988505	-0.62306
CKAP2	0.686063	-0.60219
CUL4B	0.696554	-0.6199
CLTC	0.717992	-0.58615
PIGK	0.684476	-0.66373
HSPD1	0.673711	-0.65302
YME1L1	0.670086	-0.67119
AMD1	0.66317	-0.60542
TNRC6A	0.636686	-0.5914
PRKD3	0.619661	-0.59921
ZNF789	0.611605	-0.60822
MARCH7	0.606266	-0.59154
MIR17HG	0.622873	-0.62754
MIR18A	0.622873	-0.62754
MIR19A	0.622873	-0.62754
MIR19B1	0.622873	-0.62754
MIR20A	0.622873	-0.62754
MIR92A1	0.622873	-0.62754
HSPA13	0.706074	-0.69645
GPD2	0.723526	-0.71397
CLDN12	0.724078	-0.73573
WDHD1	0.718372	-0.74589
GNPNAT1	0.639899	-0.70551
PTPLB	0.647207	-0.71522
TBC1D1	0.668771	-0.72763
HPS3	0.659556	-0.7422
CD46	0.641643	-0.65125
AFF3	0.643519	-0.65982
EGFR	0.632442	-0.67783

BCCIP	0.626637	-0.66048
BRIX1	0.615143	-0.66673
HSH2D	0.621555	-0.6746
CEP55	0.612826	-0.70174
CELF2	0.599505	-0.68014
VTA1	0.589446	-0.69151
DIS3	0.807451	-0.71619
MUT	0.838774	-0.7964
SLC6A15	0.797727	-0.80731
ZNHIT6	0.785034	-0.81783
SRP72	0.780204	-0.83831
ORC3	0.710062	-0.80722
MMS22L	0.717713	-0.83905
TRIM37	0.735316	-0.8906
MATR3	0.779366	-0.87501
SNHG4	0.779366	-0.87501
LRPPRC	0.665164	-0.82205
SEPT10	0.650194	-0.8085
EIF3E	0.640512	-0.85777
MSH2	0.618794	-0.85078
SMC1A	0.593464	-0.76006
XIST	0.600105	-0.79131
HSPA4	0.653674	-0.76693
CCNG1	0.642391	-0.78486
DCP2	0.628469	-0.79202
HSPA4L	0.924509	-0.7821
FASTKD2	0.932595	-0.81697
INSIG1	0.978502	-0.84908
SDCBP	0.857977	-1.00274
MLLT3	0.657818	-1.02724
C14orf135	0.585868	-0.97853
CAST	0.68373	-0.9652
PDS5A	0.666175	-0.91709
RNF13	0.626637	-0.94586
POLH	-0.60505	0.836578
ISG20	-0.68622	0.880179
CTSZ	-0.76354	0.800652
FIBIN	-0.60827	0.715476
IQCE	-0.59237	0.669036
PSPC1	-0.67288	0.715359
TCP10L	-0.68378	0.713069
AMACR	-0.64032	0.665645
C14orf149	-0.66645	0.651695
ORD9	-0.60737	0.621457

AGMAT	-0.65009	0.598573
C7orf55	-0.66876	0.585637
FOS	-0.89047	1.079578
SRCRB4D	-0.86343	0.816218
CTGF	-0.87721	0.887418
INHBE	-0.92234	0.859721
ALG9	-0.78792	0.639897
LSM14B	-0.84691	0.718852
SNORA21	-0.89456	0.702171
LMNB1	-0.91857	0.70842
AJUBA	-0.96603	0.639742
ATF5	-1.02753	0.589453
MAGEA11	-1.12342	0.599476
EIF4A2	-1.12528	0.634347
MIR1248	-1.12528	0.634347
SNORA4	-1.12528	0.634347
SNORA63	-1.12528	0.634347
SNORA81	-1.12528	0.634347
SNORD2	-1.12528	0.634347