

WT-specific	Common to WT and mutant	Mutant-specific
MKI67	IRF4	PTK2B
TOP2A	SF3B1	ARID1B
HYOU1	SMARCC1	ETV6
GANAB	GMPS	MX2
POLR2A	SMC1A	NFKB2
NCOR1	STOML2	EIF3I
P4HB	U2SURP	FABP5
PDIA4	CDC5L	CSTF1
SNW1	DDX46	FKBP5
DNMT1	DDX42	JUNB
NCAPD2	RECQL	SMARCE1
BAZ1B	USP24	CMPK1
EHD1	PDS5B	FNBP1
HDGF	SMARCA2	OAS2
NUP93	MRE11	RSL1D1
RALY	MSH2	SEPT1
SUPT5H	SMARCA4	BAP18
EIF3E	SRRT	C17orf49
EWSR1	SRSF1	RANGAP1
HNF1B	WDFY4	RCC1
SNRPA1	CSE1L	RNASEK-C17orf49
SUB1	DNAJA1	STAT6
CNDP2	POLD1	TRAF1
CSDE1	RAVER1	ANP32E
GATAD2B	SMARCA5	CYFIP2
NUP107	SMARCD2	IDI1
PIIB	DOCK2	VPS4B
CANX	RNF20	
FAM98B	CCAR2	
FANCI	MTA2	
MAGOH	SMC4	
MAGOHB	ARID1A	
OLA1	COPB1	
RFC5	CSK	
SF3A3	DIS3	
UHRF1	SART3	
CACYBP	HCFC1	
CALR	INPP5D	
CSNK2A1	OGT	
ELMSAN1	SMC3	
GATAD2A	SMCHD1	
MTA1	SMU1	
NAPA	CAND1	
NELFB	RAD50	

NUDT21	SF1	
PBRM1	STAT3	
PRDX4	TOP1	
QARS	USP5	
RNPS1	CCAR1	
RRM2	CPSF2	
SERPINB9	NSUN2	
SNRPD1	CDC37	
VDAC1	ECM29	
ADSS	EIF3B	
ARF4	KIAA0368	
BTK	MSH6	
CBX1	PDS5A	
CDK11B	PSME3	
CHAMP1	SMARCC2	
CKAP4	SYMPK	
CPSF3	XRN2	
EP300	AHNAK	
GTF3C4	CSTF3	
KDM3B	FKBP4	
MAT2A	HDAC1	
MDN1	HDAC2	
MTA3	KHDRBS1	
MYO1E	NUMA1	
NCAPG	PSPC1	
NPLOC4	USP48	
PABPC4	RUNX3	
PDCD6IP	SF3A1	
POGZ	SSB	
PRPS2	WDHD1	
PSMB4	XPO5	
PSMC5	ACTL6A	
PSME2	ASNS	
RBM17	CKAP5	
RRM1	GEMIN5	
SMS	HEXIM1	
SNRPA	HNRNPH2	
SRPRA	HNRNPUL1	
TNPO1	PGD	
USP9X	PPP2R1A	
COPE	STXBP2	
EIF4H	YWHAE	
FIP1L1	ACIN1	
IKZF3	ARHGDIB	
LTA4H	BANF1	

MBD2	CTBP1	
NUP133	DDB1	
PNN	GLRX3	
PPP1R8	HAT1	
RAD21	MAPRE1	
RBMX	NOSIP	
RFC2	PRPF6	
SNRPN	RNF40	
TSR1	STAG2	
ZNF281	TARDBP	
	TBL1XR1	
	TRA2B	
	VRK1	
	YARS	
	CALM1	
	CALM2	
	CALM3	
	PRPF40A	
	PSIP1	
	SKIV2L2	
	ACAT2	
	CARM1	
	CHORDC1	
	IRF2BP2	
	PRPF4	
	SUGT1	
	THRAP3	
	XPOT	
	ADNP	
	EIF3H	
	EIF3S3	
	EIF4G1	
	HIC1	
	NCOR2	
	POLR2B	
	PPP1CA	
	PSMD5	
	TRIM33	
	ABCE1	
	EIF2AK2	
	NANS	
	PABPN1	
	STRAP	
	UBXN1	
	YME1L1	

Table S1: Proteins found in RIME experiments.