

Supplemental table 2 - RNAi phenotypes

Gene symbol	Human homologue	single knockdown					double knockdown with polo				double knockdown with aur				double knockdown with cdc2				double knockdown with Ckl1β			
		centrosome number	centrosome size	mitotic index	chromosome aberration	FACS	centrosome number	centrosome size	mitotic index	chromosome aberration	centrosome number	centrosome size	mitotic index	chromosome aberration	centrosome number	centrosome size	mitotic index	chromosome aberration	centrosome number	centrosome size	mitotic index	chromosome aberration
Grip84	TUBGCP2	1		high	•		0	small	high	•	1	small	high		0	n/a		•	1		high	
Grip75	TUBGCP4	1		high			0	small	high	•	1		high		0	n/a	high	•	1		high	•
Grip71	NEDD1	1		high	•	< G1	0	small	high	•	1		high	•	0	n/a	high	•	1		high	
eIF3-S8	EIF3S8	1	large	high			0	small	high	•	1	large	high		0	n/a	high	•	1	large	high	
bel	DDX3X	1		high			0	small	high	•		large	high		0	n/a	high	•	1		high	•
apt	-	1	large	low			0	small	high	•		small	high	•	0	n/a		•	1			
CG18190	-	>2				> G2	0	small	high	•		small	high		0	n/a		•	1			
Spd-2	CEP192	1	small				0	small	high	•		small	high		0	n/a		•	1	small	low	
Lam	LMNB2	1	large				0	small	high	•	1		high		0	n/a	high	•	1			
cnn	CDK5RAP2	0	small				0	small	high	•	0	small	high		0	n/a		•	0		low	
Dcp1	DCP1B		large				0	small	high	•			high		0	n/a	high	•	1		low	
LBR	LBR		small	low			0	small	high	•		small	high		0	n/a		•	1	small	low	
Nup98	NUP98			low		> G2	0	small	high	•				•	0	n/a		•	1		low	
Ote	-					< G1	0	small	high	•					0	n/a		•	1		low	
CG5726	-			low			0	small	high	•			high		0	n/a	high	•	1		low	
qua	-					> G2	0	small	high	•		small	high		0	n/a		•	1			
cup	-					> G2	0	small	high	•		small	high		0	n/a		•	1		low	
CG31326	-					> G2	0	small	high	•		small	high		0	n/a	low	•	1			
CG6927	-					> G2	0	small	high	•		small	high		0	n/a	high	•	1		high	
ewg	NRF1					> G2	0	small	high	•		small	high		0	n/a		•	1			
CG14309	-						0	small	high	•		small	high		0	n/a		•	1		low	
ndl	-						0	small	high	•		small	high		0	n/a		•	1			
gp210	NUP210						0	small	high	•		small	high		0	n/a		•	1		low	
CG15435	-						0	small	high	•		small	high		0	n/a		•	1			
ball	VRK1						0	small	high	•		small	high	•	0	n/a		•	1		high	
polo	PLK1	0	small	high	•	< G1/ > G2	0	small	high	•												
aur	AURKA		small	high								small	high									
cdc2	CDC2	0			•	> G2								0	n/a		•					
Ckl1β	CSNK2B	1				> G2													1			