

**Supplemental Table S2:** Connectivity of phenotypic categories.

Phenotypes	Phenotypes								
	Paired Nuclei	1-cell multi-nuc.	≥ 2 cell Multi nuc.	Micronuclei	Anaphase bridges	Deformed	Abnormal NE NPC distribution	Cytoplasmic NPCs	Intra nuclear NPCs
<b>Paired nuclei</b>	(50) <sup>a</sup>								
<b>1-cell Multi-nucleated</b>	1 <sup>b</sup>	(13)							
<b>≥ 2 cell Multi nucleated</b>	32	0	(106)						
<b>Micronuclei</b>	12	4	36	(54)					
<b>Anaphase bridges</b>	11	0	20	18	(33)				
<b>Deformed</b>	26	9	71	40	18	(104)			
<b>Abnormal NE NPC distribution</b>	3	0	7	4	4	9	(27)		
<b>Cytoplasmic NPCs</b>	3	0	7	3	3	10	3	(13)	
<b>Intra-nuclear NPCs</b>	1	0	2	0	0	2	0	0	(2)

<sup>a</sup> Numbers in parentheses in grey boxes indicate the total number of RNAi that resulted in the indicated phenotype.

<sup>b</sup> Numbers indicate the number of RNAi that resulted in the indicated two phenotypes (note that additional phenotypes are also possible).