

	Solid-phase	Solid-phase	Solid-phase		Liquid-phase	
	anti-rabbit	negative-control	non-targeting		non-targeting	
	IgG	siRNA	gRNA		gRNA	
	HeLa	HeLa	HeLa	HEK293T	HeLa	HEK293T
<i>PLK1/KIF11</i>	0.25% ±	0.54% ±	0.36% ±	0.18% ±	0.12% ±	0.27% ±
	0.22%	0.27%	0.16%	0.04%	0.05%	0.01%
<i>INCENP</i>			0.48% ±	0.23% ±	0.20% ±	0.39% ±
			0.02%	0.03%	0.04%	0.06%

Supplemental Table S3 Phenotype incidences of the three target genes after solid-phase reverse and liquid-phase transfection of a negative control antibody, negative control siRNA and negative control gRNA, respectively. Cells were fixed 24 hours post transfection (anti-rabbit IgG and negative control siRNA) or 48 hours post transfection (non-targeting gRNA). Phenotype analysis and quantification was performed as described in Methods.