

**Supplementary Table 4.** Significantly modified genes. List of the most significantly altered genes (FDR < 0.01) from the 32 transcripts unique to sh-control expressing cells. These genes were not altered in cells expressing sh-p50/p105.

ID	logFC	FoldC	adj p value	Gene Symbol	Cytoband
201939_at	0.5426	1.4566	0.0023	PLK2	5q12.1-q13.2
208490_x_at	-0.6682	0.6293	0.0039	HIST1H2BF	6p21.3
244117_at	0.9407	1.9195	0.0052	---	---
242134_at	0.6184	1.5351	0.0071	---	---
208579_x_at	-0.6263	0.6478	0.0093	H2BFS	21q22.3
228582_x_at	0.7875	1.7260	0.0094	MALAT1	11q13.1
210609_s_at	0.5861	1.5011	0.0094	TP53I3	2p23.3
235456_at	-1.1065	0.4644	0.0094	---	---