

Table S4. List of antibodies used in the study

Antibody	Company	Catalog number
Peroxidase anti peroxidase (PAP)	Sigma	P1291
Biotinylated calmodulin (CAM)	Calbiochem	208697
Anti-H3 monomethyl-lysine 27 (H3K27me1)	Diagenode	pAb-045-050
Anti-H3 dimethyl-lysine 27 (H3K27me2)	Millipore	07-452
Anti-H3 trimethyl-lysine 27 (H3K27me3)	Millipore	07-449
Anti-H3 dimethyl-lysine 9 (H3K9me2)	Millipore	07-212
Anti-H3 trimethyl-lysine 9 (H3K9me3)	Millipore	07-523
Anti-histone H3 (H3)	Abcam	Ab1791