

Table 2: Sequence and vendor details for synthetic histone peptides

Peptide Name	Sequence	Vendor/Catalog #	Experiment
H3K9me1	ARTKQTARK(me1)STGGKAPRKQLK-biotin	EpiCypher; 12-0010	ELISA/Antibody Validation
H3K9me2	ARTKQTARK(me2)STGGKAPRKQLK-biotin	Active Motif; 81046	ELISA/Antibody Validation
H3K9me3	ARTKQTARK(me3)STGGKAPRKQLK-biotin	Active Motif; 81047	ELISA/Antibody Validation
H3K18me1	ARTKQTARKSTGGKAPRK(me1)QLK-biotin	Epicyphe; 12-0013	ELISA/Antibody Validation
H3K18me2	ARTKQTARKSTGGKAPRK(me2)QLK-biotin	Epicyphe; 12-0014	ELISA/Antibody Validation
H3K18me3	ARTKQTARKSTGGKAPRK(me3)QLK-biotin	Epicyphe; 12-0015	ELISA/Antibody Validation
H3K23me1	KQLATK(me1)AARKSAPATGGVYK-biotin	Custom made/Biomatik	ELISA/Antibody Validation
H3K23me2	KQLATK(me2)AARKSAPATGGVYK-biotin	Custom made/Biomatik	ELISA/Antibody Validation
H3K23me3	KQLATK(me3)AARKSAPATGGVYK-biotin	Custom made/Biomatik	ELISA/Antibody Validation
H3K27me1	ATKAARK(me1)SAPSTGGVKKPHRYRPGGGK-biotin	Active Motif; 81050	ELISA/Antibody Validation
H3K27me2	ATKAARK(me2)SAPSTGGVKKPHRYRPGGGK-biotin	Active Motif; 81051	ELISA/Antibody Validation
H3K27me3	ATKAARK(me3)SAPSTGGVKKPHRYRPGGGK-biotin	Active Motif; 81052	ELISA/Antibody Validation
H3K9M	ARTKQTARMSTGGKAPRKQLK-biotin	Made in house	Peptide Pulldown
H3K23M	KQLASMAARKSAPATGGIK-biotin	Made in house	Peptide Pulldown
H3 Unmodified (1-25)	ARTKQTARKSTGGKAPRKQLATKAA-biotin	Epicyphe; 12-0107	ELISA, Peptide Pulldown
H3 Unmodified (18-36)	KQLATKAARKSAPATGGVYK-biotin	Custom made/Biomatik	ELISA, Peptide Pulldown

Table 2 details the sequence, vendor/catalog number and designates the experiment for which the peptides were used.