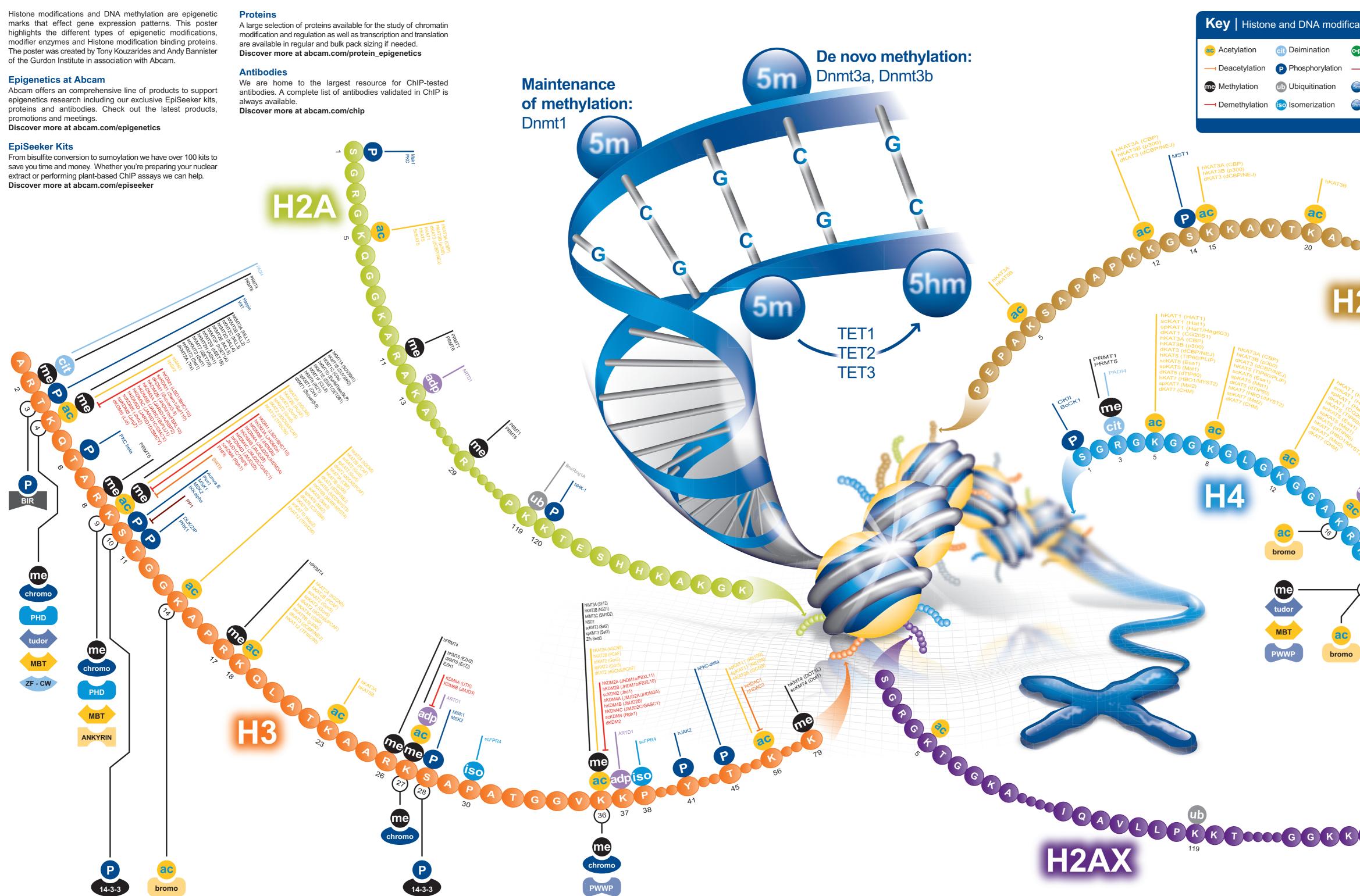
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odifications	Key Histone modifie	cation binding proteins
 O-palmitoylation ADP Ribosylation tion — Dephosphorylation on im 5-Methylcytosine n im 5-Hydroxymethylcytosine 	Chromodomain proteins CHD1 HP1/spSwi6 spChp1 CDY1 PC1/PC2/PC/LHP1 MSL3 hMRG15 scEaf3 CBX1,3,5 MPP8 Tip60 CBX2,4,6,7,8	H3K4me2/3 H3K9me2/3 H3K9me2/3? H3K27me3, H3K9me3 H3K36me3 H3K36me, H3K4me H3K36me, H3K4me H3K9me3/2 H3K9me3/2 H3K9me3/2 H3K27/K9me3/2
AT3B ARTD7	MBT Proteins PHF20L1 SFMBT L3MBTL1 L3MBTL1 L3MBTL1/2 MBTD1	H3K4me1, H4K20me1 H3K9me1/2, H4K20me1/2 H4K20me1/2, H1bK26me1/2 H3K20me H3K9me H3K20me
H2B Solution	PHD Proteins scYng1 ING1,2,3,4,5 BPTF/dmNURF301 scSpp1 scSet3 scJhd1 RAG2 TAF3 ICBP90 (Np95) JARID1C JARID1C JARID1A KIAA1718 Lid MLL1 PHF2,8 PHO23 Pygo CHD4 ICBP90 SMCX DPF3	H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me3 H3K4me3 H3K4me3 H3K9me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K4me2/3 H3K9me H3K9me H3K9me H3K9me
SAL CALLER TO THE	14-3-3 Proteins 14-3-3	H3S10ph, H3S28p
T P	Tudor Proteins JMJD2A 53BP1 spCrb2 PHF20 TDRD3 scSgf29	H3K4me3, H4K20me3 H4K20me1/2 H4K20me2 H4K20me2 H3R17me2a, H4R3me2a H3K4me2/3
HIMMITSA (Pr-SET7/8) HIMMITSA (SUVA-20H1) HIMMITSB (SUVA-20H1) HIMITSB (SUVA-20H1) HIMMITSB (SUVA-20H1) HIMMITSB (Bromodomain proteins Polybromo/BAF180 scSnf2 Brd2,3,4,7 TAF1 P/CAF CBP/p300 scBdf1 hBRG1 scRsc1,2,4 scGcn5 ATAD2 BRDT CBP/p300 GCN5 PB-2 TRIM24	H3ac H3ac, H4ac H3ac, H4ac H3ac, H4ac H3ac, H4ac H3ac, H4ac H3ac, H4ac H3K14ac H3K14ac H3K14ac (Rsc4) H4ac, H4K16ac H3K14ac H4K5 and 8ac, H3K18ac H4K20ac, H3K36ac H4K16ac H3K14ac H3K14ac H3K23ac
	ZF-CW proteins ZF-CW ZCWPW1	H3K4me1/2
Mst1 ATM WSTF ATR EYA1/3	ANKYRIN proteins ANKYRIN G9a/GLP	H3K9me2/1
P P	PWWP proteins BRPF1 DNMT3A PDP1	H3K36me3 H3K36me3 H4K20me1
K K A T Q A S Q E 142	BRCT proteins BRCT MDC1	H2AXS139ph
BRCT	BIR proteins Survivin	H3T3ph
	Currainin	H3T3ph