

TABLE 7 Binding affinity of histone H1 subtypes-interacting protein complex determined by ISLAND predictor

Histone H1 subtype	Interacting protein	Binding affinity ($\Delta\Delta G$)	Dissociation constant (Kd)
H1.1	Telomeric repeat binding factor 1	-9.624	7.37 e-08
	Telomeric repeat binding factor 2-interacting protein	-9.48	1.10 -e07
	Histone-lysine N-methyltransferase NSD3	-10.87	1.06e -08
	Transcriptional repressor CTCFL	-10.87	1.06e -08
H1.2	Coagulation factor X	-10.56	1.78 e-08
	Casein kinase II subunit alpha'	-9.95	4.95 e-08
H1.4	Chromobox protein homolog 3	-10.18	3.39 e-08
	Cytoplasmic protein NCK1	-10.38	2.4 e-08
	Vascular cell adhesion protein 1	-10.39	2.39 e-08
H1.5	Chromobox protein homolog 5	-10.33	2.61 e-08
	Vascular cell adhesion protein 1	-10.43	2.21 e-08
	Fibronectin	-10.87	1.06 e-08