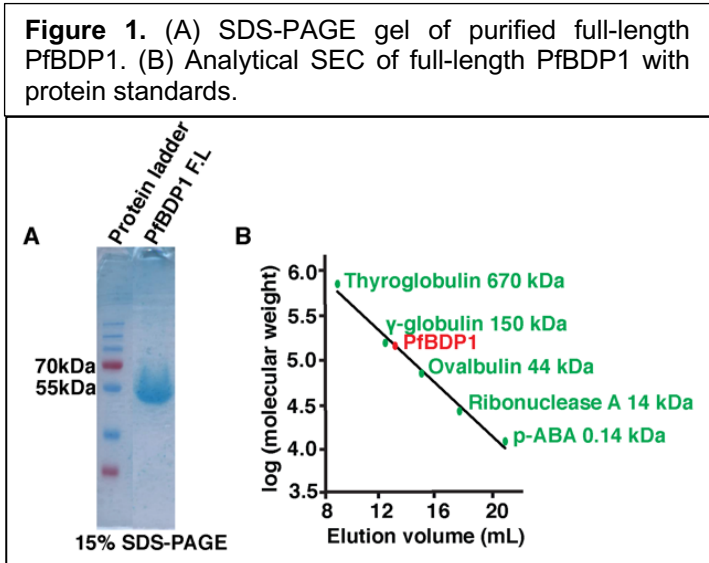


Molecular basis of PfBDP1 recognition of acetylated nucleosome core particles

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Preliminary Results:



**Table 1.** Binding affinities of full-length PfBDP1 and PfBDP1 bromodomain (BRD) constructs with histone ligands measured by ITC.

Histone Peptide (1-24)	PfBDP1 Full length (1-488) $K_D$ ( $\mu$ M)	PfBDP1-BRD (303-488) $K_D$ ( $\mu$ M)	PfBDP1-BRD (333-456) $K_D$ ( $\mu$ M)
Unmodified H4	No binding	No binding	No binding
H4K5acK8ac	100 $\pm$ 5.30	1510 $\pm$ 168	No binding
H4K5acK12ac	214 $\pm$ 14.8	621 $\pm$ 28.3	No binding
H4K5acK8acK12acK16ac	48.8 $\pm$ 3.63	173 $\pm$ 11.3	No binding

