



### Compared affinity of Brg1 and HP1 $\alpha$ for the globular domain of H3

Purified wt or mutant B10-tagged fragment of histone H3 (aa 35 to 66) was incubated with agarose beads covered by either GST-HP1 $\alpha$  or GST- $\Delta$ Brg1 proteins as indicated. After washing, bound proteins were eluted, resolved on 12.5% SDS-PAGE and blotted on a nitrocellulose membrane. The membrane was stained with Ponceau (top panel) then incubated with anti-B10 monoclonal antibodies (bottom panel). The figure shows that approx. 50-fold excess of HP1 $\alpha$  over Brg1 is required to obtain a similar binding to histone H3 in the region from aa 35 to 66.