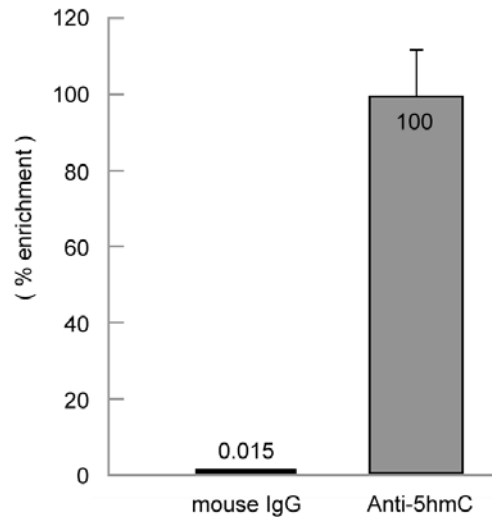


Quality Assessment of hMeDIP

Validation of the enrichment of 5hmC-containing DNA fragments with anti-5hmC antibody



Immunoprecipitation analysis of 5hmC with specific anti-5hmC antibody. Twenty-five picograms of 76-mer oligo-nucleotides containing 5hmC at CpG positions was mixed with 1ug of *Mse* I digested genomic DNA fragments, incubated with anti-5mC antibody and immunoprecipitated. After immunoprecipitation and washing, the spike target sequences were amplified by quantitative real-time PCR and the enrichment of 5hmC-containing DNA fragments with anti-5hmC antibody was determined. Normal mouse IgG was used as a control.