

MeDIP

1. QC by NanoDrop spectrophotometer and/or Gel Electrophoresis
 - | Please refer to "DNA QC"
2. Sonication to shear gDNA, and then dividing sheared gDNA into three appropriate fractions: "MeDIP sample", "Negative control" and "Input"
3. Size determination of sheared gDNA through gel electrophoresis
 - | Please refer to "Sheared gDNA QC"
4. Denaturing gDNA to single strand, immunoprecipitation with Anti-5-methylcytidine or IgG for "MeDIP sample" or "Negative control" respectively
5. Assessment of MeDIP quality through real-time PCR
 - | Please refer to "Quality Assessment of MeDIP"