Supplementary Fig. 1. Standardization of optimum shearing condition for chromatin immunoprecipitation (ChIP). Shearing of crosslinked chromatin for the ChIP experiments were done using rat brain sample. The optimal condition was reached after shearing it for 20 seconds pulse for 5 times with 30 seconds interval between each one. The reverse crosslinked sheared DNA fragments were ranged between 700 bp to 200 bp (lane 2). DNA ladder (DNA ladder in lane 1).