Brain-derived neurotrophic factor is an important regulator of multiple functions in both PNS and CNS, therefore, epigenetic control of the BDNF gene can shed light on its role in nervous system in health and diseases. Unfortunately, the manuscript suffers from multiple errors, both grammatic and technical, and requires substantial rewriting. Authors may need to adjust their focus on BDNF by eliminated unrelated data. Also, some of the experimental approaches require revisions and potentially use of different methodology.

The title needs to be rephrased for clarity.  
Abstract requires revision to better focus on results  
The introduction does not provide a clear vision why BDNF is the focus of study.  
The manuscript is too wordy and consists unrelated information and data. It is not clear how Figures 1 and 2 relate to this study.

Methods requires extensive rewriting to correct multiple errors in buffers composition (e.g., “hypotonic buffer (2M KCl, 1M HEPES, 1M MgCl, 1M DTT) + protease inhibitor cocktail (10 ul/mL)”).  
  
Instead of using MeDIP for BDNF promoter methylation (Fig. 4) bisulfite sequencing is a more relevant procedure. It is not clear why only “promoter 9” was screened for methylation. A summary figure that includes a schematic representation of the BDNF gene locus would substantially help the readers.