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## Rpp Keperawatan Smk Kesehatan

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Keperawatan Kesehatan. Rpp Keperawatan Smk Kesehatan Crack Mac.About 10% of human genes are transcribed. This transcription yields various RNAs, including short non-coding RNAs (such as microRNAs) as well as long non-coding RNAs (lncRNAs). Many lncRNAs have been reported to regulate gene expression either through acting as competitive endogenous RNA (ceRNA), decoys or guides of transcription factors, or through interactions with the RNA-induced silencing complex (RISC). However, the broad spectrum of lncRNA function in the brain has not been explored. This proposal proposes to characterize the functions of lncRNAs in the adult mouse brain using a novel array of RNA interference (RNAi)-based assays of RNA function in vivo. The assays take advantage of a set of 31 lncRNAs whose function has been validated in our laboratory. These include lncRNAs that were detected in our recent RNAi screen of 33,000 lncRNAs in the mouse central nervous system, as well as several well-characterized lncRNAs that have been implicated in mammalian brain development. These novel RNAi screens not only identified many novel lncRNAs, but also revealed a wealth of previously known genes that are likely to function lncRNAs in the brain. The proposed studies will identify the functions of several lncRNAs that contribute to brain development, and will establish the potential contribution of some of these genes to brain function in the adult. The studies will uncover non-canonical lncRNA functions in the mouse brain. In addition, through comparison with a recently developed mouse brain RNAi library, we expect that this study will identify functional lncRNAs that are not currently annotated in the human genome. The studies will also identify potential lncRNAs that can be further explored for their roles in other species. The study will also establish an RNAi screen for lncRNAs in the adult mouse brain, and will develop high-throughput approaches for functional analysis of lncRNAs. UNPUBLISHED UNITED STATES COURT OF APPEALS

