

Bipolar disorder associated microRNA, miR-1908-5p, regulates the expression of genes functioning in neuronal glutamatergic synapses

Yoonhee Kim, Yinhua Zhang, Kaifang Pang, Hyojin Kang, Heejoo Park, Yeunkum Lee, Bokyoung Lee, Heon-Jeong Lee, Won-Ki Kim, Dongho Geum and Kihoon Han

Supplementary Figure 1 Conservation of the miR-1908-3p and miR-1908-5p sequences among 100 animal genomes

Supplementary Figure 2 Conservation of the miR-34a-3p and miR-34a-5p sequences among 100 animal genomes

Supplementary Figure 3 The thresholds of context++ scores for miR-1908-3p and miR-1908-5p putative target genes predicted by TargetScan

Supplementary Figure 4 GO analysis of miR-1908-3p and miR-1908-5p target genes

Supplementary Figure 5 Conservation of the first (770-776) and second (803-809) miR-1908-5p binding sites in the *GRM4* 3'UTR among 100 animal genomes

Supplementary Figure 6 Human brain expression of *STX1A* and *CLSTN1*, and their Spearman's correlations with miR-1908-5p

Supplementary Table 1 Summary of statistical analyses for the experiments

Supplementary Figure 6 Human brain expression of *STX1A* and *CLSTN1*, and their Spearman's correlations with miR-1908-5p. The expression distribution of *STX1A* (a) and *CLSTN1* (b) in 16 human brain regions. (c) Bar plots showing Spearman's correlations between the expression level of miR-1908-5p and those of *STX1A* and *CLSTN1* in 16 human brain regions.

