

1 Description of Additional Supplementary files
2
3 Title: Supplementary Data 1
4 Description: Brain eQTL and mQTL datasets used for SMR analysis
5
6 Title: Supplementary Data 2
7 Description: LDSC analysis of AUD GWAS with multi-tissue chromatin marks
8
9 Title: Supplementary Data 3
10 Description: LDSC analysis of DPW GWAS with multi-tissue chromatin marks
11
12 Title: Supplementary Data 4
13 Description: SMR analysis results with summary statistics of AUD GWAS (No GWAS P value
14 threshold)
15
16 Title: Supplementary Data 5
17 Description: SMR analysis results with summary statistics of DPW GWAS (With GWAS P
18 value threshold)
19
20 Title: Supplementary Data 6
21 Description: SMR analysis results with summary statistics of DPW GWAS (No GWAS P value
22 threshold)
23
24 Title: Supplementary Data 7
25 Description: AUD genes that also replicated in DPW SMR analysis
26
27 Title: Supplementary Data 8
28 Description: Results of pathway analysis with genes prioritized in DPW integration analysis
29
30 Title: Supplementary Data 9
31 Description: SMR analysis using summary statistics of AUD and DPW meta-analysis using
32 MTAG