



Supplementary Figure 1: Unprocessed gels and blots

a, Unprocessed gels from Ext. Fig. 1e showing the pulse-field gel electrophoresis of BAC DNA used in generating the hC4AB^{-/-}, hC4B^{-/-} (left), and hC4A^{-/-} (right) mice. **b**, Unprocessed western blot films from Ext. Fig 9c showing the synaptic protein levels with respect to GAPDH.

Supplementary Table 1: Detailed information of the human C4 BAC DNA

Supplementary Table 2: Primer List

Supplementary Table 3: Antibody List

Supplementary Table 4: Neural Tracing Reagents

Supplementary Table 5: Statistical Analysis Summary