

Figure S1. Experimental technique used for OD plasticity measurement. (A) Left: Schematic for imaging of intrinsic signals. (B) Top: Cortical blood vessel pattern was captured under green light. Bottom: Example response magnitude for stimulation in the binocular visual field under red light. Scale bar, 500 μm .

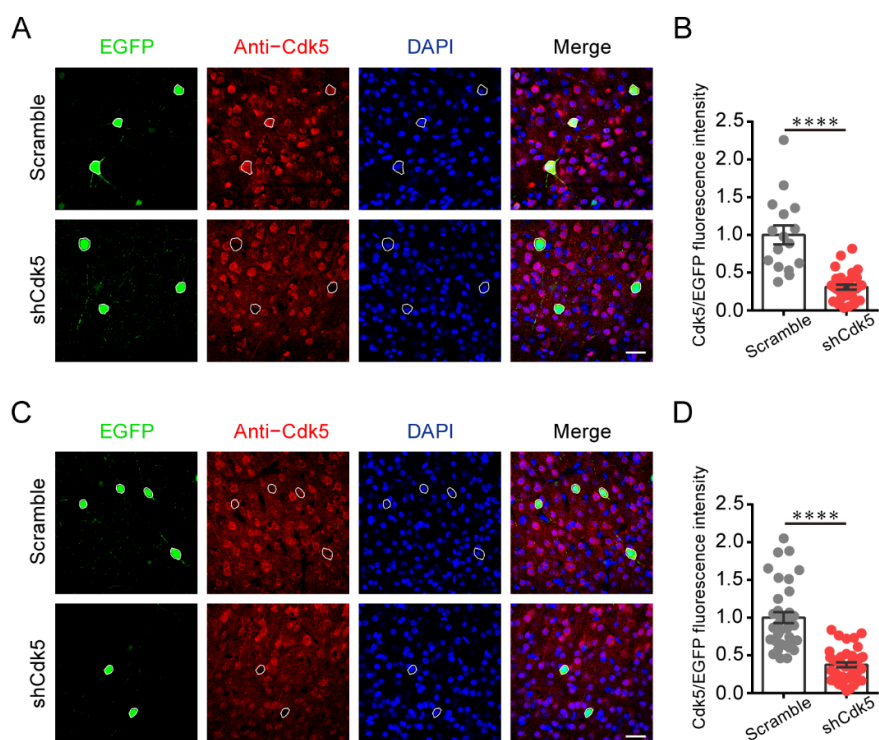


Figure S2. Genetic reduction in Cdk5 in SST or VIP neurons of the visual cortex. (A, C) IHC in V1 of SST- and VIP-Cre mice, virus-infected SST and VIP neurons (green) and Cdk5 immunoreactivity (red). Virus-infected neurons are enclosed by white hollow circles. Scale bar, 30 μm . (B, D) Cdk5 was quantified by immunofluorescence using Abs against Cdk5 (SST: scramble = 1.00 ± 0.13 , $n = 16$; shCdk5 = 0.31 ± 0.03 , $n = 31$; $t = 6.86$, $p < 0.0001$, unpaired t -test; VIP: scramble = 1.00 ± 0.07 , $n = 35$; shCdk5 = 0.38 ± 0.03 , $n = 42$; $t = 8.32$, $p < 0.0001$, unpaired t -test). Data shown as mean \pm SEM.