Supplemental information

H3K27 demethylase KDM6B aggravates ischemic brain injury through demethylation of IRF4 and Notch2-dependent SOX9 activation

Lisha Chang, Zhaowang An, Jiang Zhang, Fuling Zhou, Dali Wang, Jian Liu, and Yunhe Zhang
Supplementary figure 1 The MCAO-operated mouse model and OGD/R-exposed cell model are successfully constructed. A, Neurological deficit score of MCAO-operated mice. B, The behavior of MCAO-operated mice examined by Pole Test and Foot Fault Test. C, Cerebral infarction volume in MCAO-operated mice determined by the TTC method. D, Astrocyte activation assessed by GFAP immunofluorescence. E, KDM6B expression detected by IHC staining. F, Astrocyte apoptosis after OGD/R modeling assessed by TUNEL staining. G, The expression of inflammatory factors TNF-α, IL-1β, IL-6 in astrocytes after OGD/R treatment determined by ELISA.