



Fig. S4. Characterization of Dicer1/Ago2 and NoV B2/mB2 expression in hNPCs.

a, The Dicer1/Ago2 gene expression in hNPCs transfected with non-targeting siRNA (N.C.) or two sets of specific siRNAs (Supplementary Table 4) were analyzed by RT-qPCR. All data are shown as the means \pm SD of three independent experiments, one-way ANOVA, ** $p < 0.01$, *** $p < 0.001$. **b**, Three gRNAs are designed to target human DICER1 locus (Supplementary Table 2). **c**, Western blotting showing the DCR1 expression in the KO and control hNPC clones. **d**, Immunostaining assays of hNPC markers, SOX2 and NESTIN, in the two Dicer KO hNPC clones. Scale bar: 50 μ m. **e**, the expressions of NoV B2 and mB2 proteins in the transfected hNPCs were detected by immunostaining assays. Flag (Green) and SOX2 (Blue). Scale bar, 20 μ m.