



Supplementary Fig. 1 Cre deleter lines. **(a)** Structures of unmodified genomic PACs used for generation of Cre transgenes. **(b)** Modification of genomic PACs by insertion of Cre-polyA (or CreER^{T2}-polyA) within the first coding exon. **(c)** In situ hybridization for endogenous *Nkx2.1* or **(d)** transgene-driven *Cre* in E11.5 *Nkx2.1-Cre* telencephalon. **(e)** activation of the GFP reporter gene in E11.5 *Nkx2.1-Cre/ Rosa26R-GFP* embryos. **(f)** In situ hybridization for endogenous *Gsh2* or **(g)** *Cre* in E12.5 *Gsh2-Cre* mice and **(h)** β -galactosidase enzymatic labeling in *Gsh2-Cre/ Rosa26R-lacZ* embryos. **(i)** In situ hybridization for endogenous *Emx1* or **(j)** *Cre* in E11.5 *Emx1-Cre* mice and **(k)** activation of the GFP reporter gene in *Emx1-Cre/ Rosa26R-GFP* embryos. Scale bar, 400 μ m.