



Supplementary information, Figure S2 Generation of *Sema3d^{LacZ/+}* knockin mouse line. **(A)** Beta-gal and Neo was knocked into *Sema3d* locus by homologous recombination. E, EcoRI; B, BamHI. **(B and C)** Correct gene targeting was screened by long PCR. **(D and E)** Correct gene targeting was confirmed by southern blotting. **(F)** Genotyping by allele-specific PCR of *Sema3d^{LacZ/+}* line.