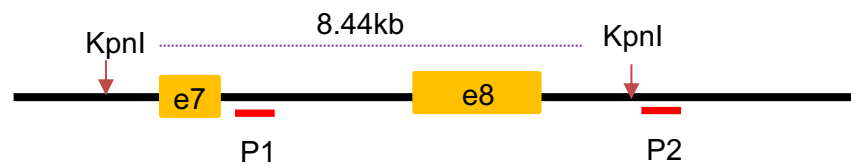


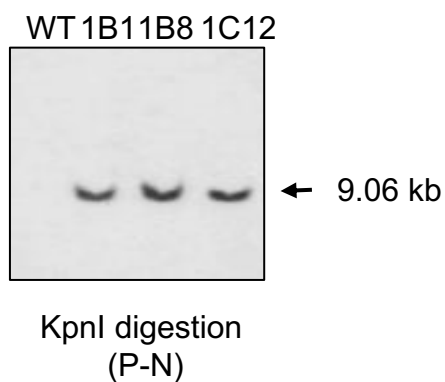
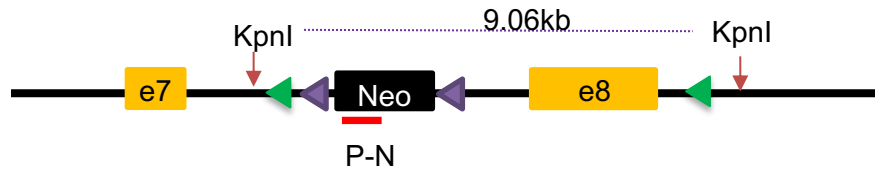
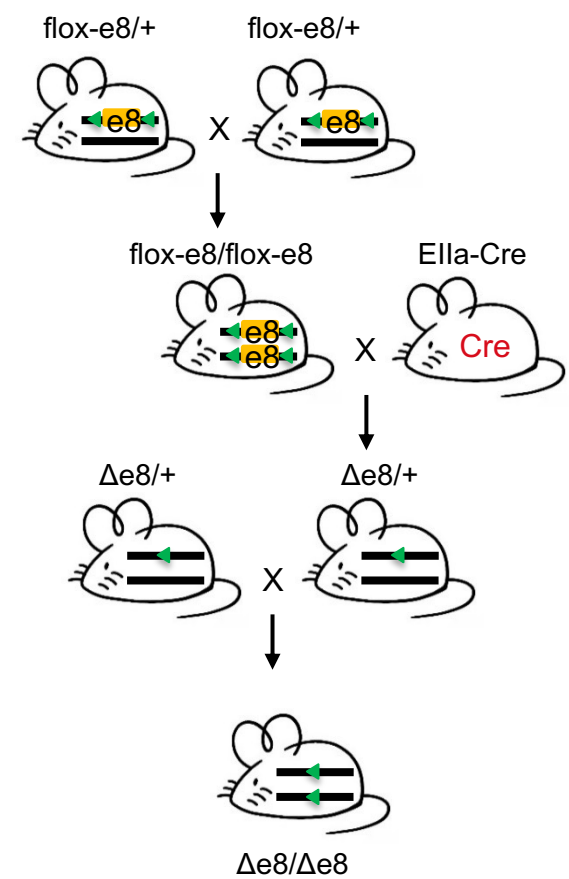
Supplementary Figures and Tables
Wang *et al.*

A

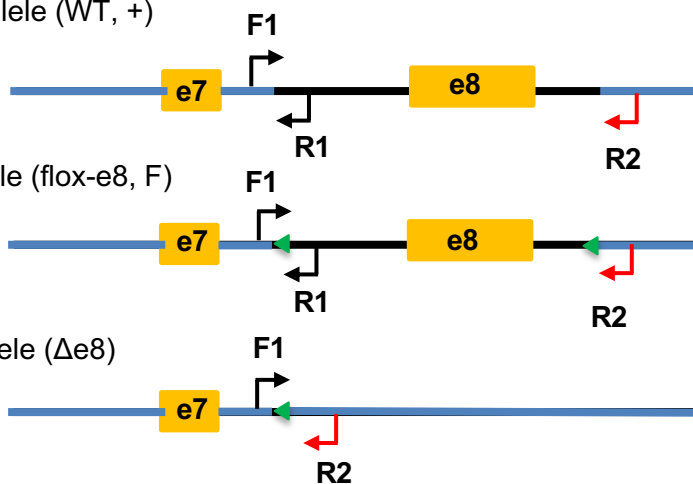
Wild Type allele (WT)



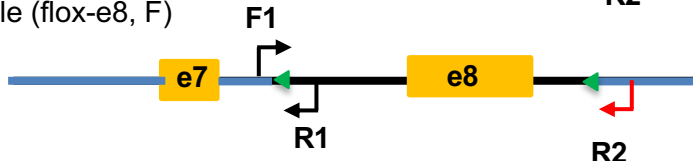
Targeted allele (Tg)

**B****C**

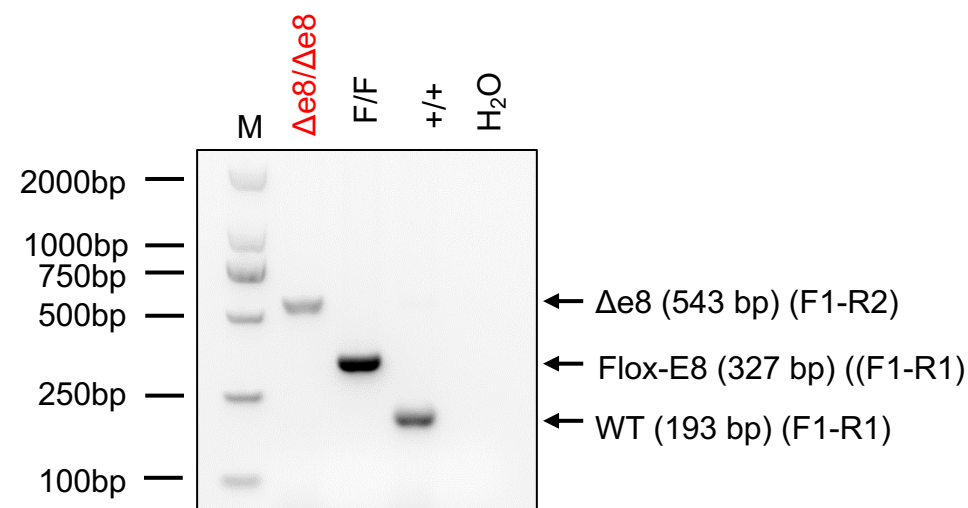
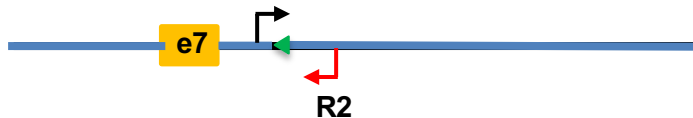
Wildtype allele (WT, +)

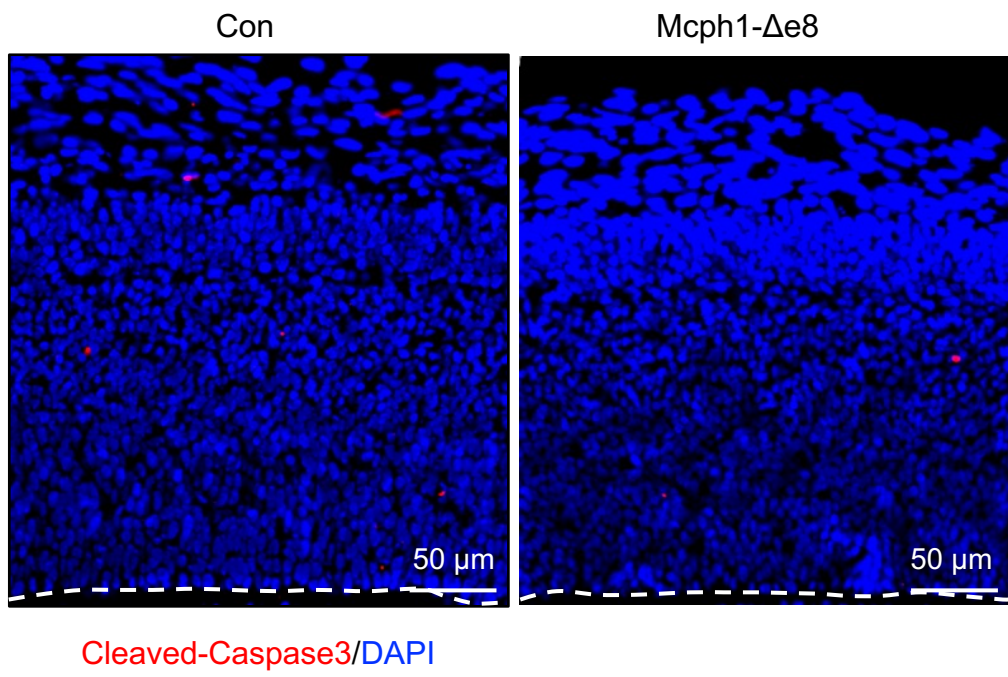
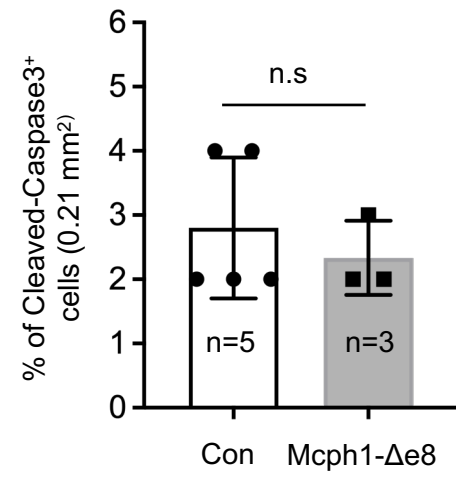


Floxed allele (flox-e8, F)



Deleted allele (Δe8)



A**B**

Suppl Table S1: List of primers

Mcph1-E8s	GTCCACAATCAGACTCATTC
Mcph1-E8as	CCTCAGGAGGAAGTCTCTCC
Mcph1-E7s	CCTCCCAGATGTTGGAGC
Mcph1-E9as	CTGCTGAGGTCTGACAAGGCC
Mcph1-E1s	ATGGAGGCCTCGGGAGGCGTT
Mcph1-E2as	CATATCCTCAAGTTGCTTTGC
Mcph1-E13s	TGAACTGGTACTCCTGTGTGGT
Mcph1-E14as	AGTTGGTAGTTGTAAAGTCAC

Suppl Table S2: List of primary antibodies

Antigen	Species	Dilution	Application	Company
β-actin	Mouse	1:10,000	WB	Sigma-Aldrich
MCPH1	Rabbit	1:1,000	WB	Cell Signaling
pS10 Histone3	mouse	1:400	IF	Cell Signaling
Sox2	Rabbit	1:400	IF	Abcam
Tbr2	Rabbit	1:400	IF	Abcam
Ki67	Rabbit	1:400	IF	Cell Signaling
Cleaved caspase-3	Rabbit	1:400	IF	Cell Signaling
pS28 Histone3	Rat	1:400	IF	Abcam
phospho Histone H2A.X (Ser139)	Mouse	1:2,000	WB	Sigma-Aldrich
phospho Chk1 (Ser317)	Rabbit	1:1,000	WB	Cell Signaling

Suppl Table S3: List of secondary antibodies

Antigen	Species	Conjugate	Dilution	Company
Mouse IgG	Goat	HRP	1:2,000	Proteintech
Rabbit IgG	Goat	HRP	1:2,000	Proteintech
Mouse IgG	Goat	Cy3	1:1,000	Abcam
Rabbit IgG	Goat	Cy3	1:1,000	Abcam
Rat IgG	Goat	Cy3	1:1,000	Abcam