

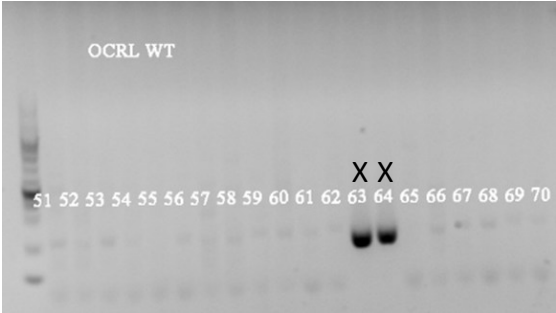
Figure 3. Source Data 1. Genotyping processing for wild-type and IOB mouse.
 (a) Genotyping primers for wild-type and IOB mouse. (b) Genotyping processing for wild-type and IOB mouse.

(a) Genotyping primers

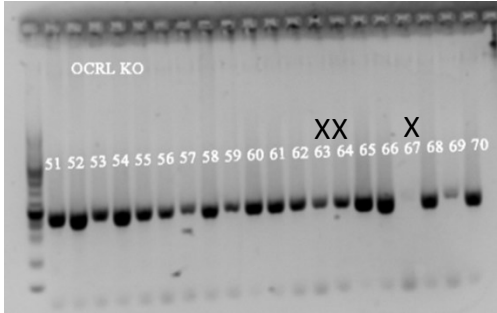
OCRL Wild-type (250 bp)	primer (5' to 3')
GT-F	CCCTTTTCATCTGTTAGGAGAAAT
GT-R	GCATGGTTAAACGCACTATGTGG
OCRL KO (480 bp)	primer (5' to 3')
OCRL KO –F	GCCCTTTGATTCTAATCCCTTTTCATC
OCRL KO –R	TCTGAGCCCAGAAAGCGAAG
Inpp5b (wt 150 bp/ mut 220 bp)	primer (5' to 3')
E25-F	TAAAGTCTGAAAATCCAAGGC
E34-R	CTCATTTCTCCTTGATTCCAA
INPP5B HumanBAC (240 bp)	primer (5' to 3')
in Exon 1F	CCACCCCACGATTGACTC
in Exon 1R	GGTGTCCCAGCCCTCAG

(b) Genotyping processing

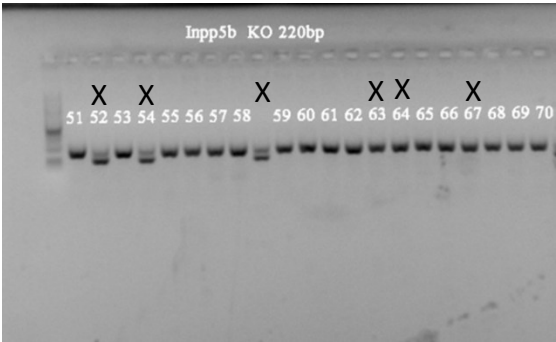
Step 1 - OCRL WT



Step 2- OCRL KO



Step 3- Inpp5b (wt 150 bp/ mut 220 bp)



Step 4- INPP5B HumanBAC (240 bp)

