

**S9 Table.** The outcome of Sniffles analysis of reads that contain mutant specific sequences.

Barcode	Locus	Project type	Animal	Outcome of Sniffles analysis of passed reads
BC01	<i>6430573F11Rik</i>	N/A	WT	No annotation
	<i>Acvr2b</i>	N/A	WT	No annotation
BC02	<i>Clrn2</i>	N/A	WT	No annotation
	<i>Inpp5k</i>	N/A	WT	No annotation
BC03	<i>Cx3cl1</i>	N/A	WT	No annotation
	<i>Mpeg1</i>	N/A	WT	No annotation
BC01	<i>Mpeg1</i>	<i>Cre KI</i>	<i>Mpeg1</i> -cre-80.1c	No annotation
BC02	<i>Mpeg1</i>	<i>Cre KI</i>	<i>Mpeg1</i> -cre-75.1d	No annotation
BC03	<i>Mpeg1</i>	<i>Cre KI</i>	<i>Mpeg1</i> -cre-75	No annotation
BC04	<i>Mpeg1</i>	<i>Cre KI</i>	<i>Mpeg1</i> -cre-80	No annotation
BC05	<i>Cx3cl1</i>	<i>Flox</i>	<i>Cx3cl1</i> -flox-10.1c	No annotation
BC06	<i>Cx3cl1</i>	<i>Flox</i>	<i>Cx3cl1</i> -flox-10	No annotation
BC07	<i>Pam</i>	<i>Flox</i>	<i>Pam</i> -flox-3	No annotation
BC08	<i>Pam</i>	<i>Flox</i>	<i>Pam</i> -flox-3.1a	No passed reads
BC09	<i>Prdm8</i>	<i>Flox</i>	<i>Prdm8</i> -flox-7	No annotation
BC10	<i>Prdm8</i>	<i>Flox</i>	<i>Prdm8</i> -flox-31	No annotation
BC11	<i>Hnf1a</i>	<i>Flox</i>	<i>Hnf1a</i> -flox-66	No annotation
BC12	<i>Inpp5k</i>	<i>Flox</i>	<i>Inpp5k</i> -flox-33	No annotation
BC01	<i>6430573F11Rik</i>	<i>Flox</i>	<i>6430573F11Rik</i> -flox-11	No annotation
BC02	<i>Inpp5k</i>	<i>Flox</i>	<i>Inpp5k</i> -flox-7	No passed reads
BC03	<i>Inpp5k</i>	<i>Flox</i>	<i>Inpp5k</i> -flox-8.3d	No passed reads