

Table S1. Oligonucleotide sequences used for PCR genotyping

Strain	Primer (5' to 3')	Product
Atoh1 ^{lacZ/lacZ}	M1-F: TGCTGCATGCAGAAGAGTGGGCTGAGGTAA	374 bp (WT allele)
Atoh1 ^{lacZ/lacZ}	M1-R: TCAGCTTGCACAGCTGTTCCCCTACTTTGA	
Atoh1 ^{lacZ/lacZ}	lacZ-A: GCTGGGATCCGCCATTGTCAGACA	~300 bp (<i>lacZ</i> null allele)
Atoh1 ^{lacZ/lacZ}	lacZ-S: GCTGGAATTCGCCGATACTG	
Vil-Cre	MVP5498-F: ACAGGCACTAAGGGAGCCAATG	881 bp (WT allele), ~350 bp (Cre allele)
Vil-Cre	MVP6378-R: GATTCAGGTCAGAAAGAGGTCACAG	
Vil-Cre	CreORF-R2: GTTCTTGCGAACCTCATCACT	