

**Supplemental Table S1. Genotyping Primer list**

<b>Gene</b>	<b>Forward sequence</b>	<b>Reverse sequence</b>
Myf5 ICN wt	ACCCTCCAGCTCCAGACTTATC	CCCTGTAATGGATTCCAAGCTG
Myf5 ICN mut	ACCCTCCAGCTCCAGACTTATC	AAAGACCCCTAGGAATGCTC
Bcl2 floxed	GCCCACCATCTAAAGAGCAA	GCATTTTCCCACCACTGTCT
Rosa wt	GTTATCAGTAAGGGAGCTGCAGTGG	GGCGGATCACAAGCAATAATAACC
Rosa lox	AAGACCGCGAAGAGTTTGTCTC	GGCGGATCACAAGCAATAATAACC
Pten	CAAGCACTCTGCGAACTGAG	AAGTTTTTGAAGGCAAGATGC