

Supplemental Table 3. Primers used to genotype each mouse strain.

Amplicon Gene	Primer Name	Primer Sequence
Twist1	Twist1-F	5'-ACGCAGTCGCTGAACGAGG-3'
	Twist1-R	5'-AGGAGAGTGGAGGGGGATGG-3'
Gsk3b	Gsk3b-1	5'-GGGTGGGATTAGATAAATGCCTGCTCT-3'
	Gsk3b-2	5'-AGGGATATGGTTCGGTAGTTAAGAG-3'
	Gsk3b-3	5'-GCAAGGTAACCACAGTAGTGGCAAC-3'
Igf1	Igf1-Wt-F	5'-CAAATGTTGCTTGTCTGGTG-3'
	Igf1-Wt-R	5'-GTCAGTCGAGTGCACAGTTT-3'
	Igf1-Tg-F	5'-ACCAGAGGGAATTACTATAGC-3'
	Igf1-Tg-R	5'-TCTCCAGCCTCCTTAGATCAC-3'

Primer sequences for *Igf1* and *Gsk3b* sourced from Jackson Laboratories genotyping protocols (jax.org).
Primers spanning *Twist1* Ser192Pro designed in-house.