Figure S1  Sequence changes at the 5’ alternative splice site and codon-73. The exon 2A-2B junction closely matches the exon-intron consensus motif required for recognition by the spliceosome. Multiple nucleotide changes were made in order to alter this conserved motif while keeping the encoded protein sequence unchanged. In parallel, codon-73 was changed as indicated and the *Apa* site present in *Mitf<sup>ST3A</sup>* was reverted to the wild-type sequence in the novel splice-mutant alleles.