Figure S3  Additional phenotypes associated with heteroallelic combinations between the targeted and extant Mitf alleles. The genotypes of the depicted mice are indicated. Note that in combinations with Mitf^{mi-wh}, all four targeted alleles containing the Neo cassette produce a similar lightly tanned coat and variably sized white belly spots (A). In combination with Mitf^{mi}, the mice become largely white with small black spots that are most frequent with Mitf^{mi-S73A}-{mitf^{mi}, but totally absent in Mitf^{mi-S73S} (B). (C,D) No phenotypic distinctions are seen in heteroallelic combinations with Mitf^{mi} or Mitf^{mi-vga9} once the neo cassette has been removed, except for Mitf^{mi-S73A}/Mitf^{mi}-Mitf^{mi-S73S}/Mitf^{mi}, and Mitf^{mi-S73S}/Mitf^{mi-vga9} mice, which displayed variable, though more extensive depigmentation of the tail tip compared to normal C57BL/6 mice.