

*Foxa2*<sup>WT-TagRFP</sup> and *Foxa2*<sup>ΔHx-TagRFP</sup> mice genotyping.

The genotyping method described in the publication (PMID: 32203463).

The PCR primers for genotyping the *Foxa2*<sup>WT-TagRFP</sup> and *Foxa2*<sup>ΔHx-TagRFP</sup> knockin alleles (generating a 231-base pair (bp) product) and nonmodified allele (generating a 197-bp product) were as follows: *lox2272*-F: 5'-AGT GTT GTC TTC TGC CTT TGA G-3'; *lox2272*-R: 5'-GCT TAC CTT AGT CTC GGT CTT G-3'.

The PCR primers for genotyping the *Foxa2*<sup>WT-TagRFP</sup> allele (generating a 300-bp product) and *FoxA2*<sup>ΔHx-TagRFP</sup> (generating a 270-bp product) were as follows: *TagRFP*-F: 5'-GCT CTT CGC CCT TAG ACA CC-3'; *TagRFP*-R: 5'-ATC AGC CCC ACA AAA TGG AC-3'.

PCR reaction could be set up similarly to the other protocols.