Supplementary file 3. Primers used in this study.

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| target | direction | purpose | sequence (5' to 3') |
| *gal* | forward | real-time PCR | ATAGACGGACACAGGACA |
| *gal* | reverse | real-time PCR | TAGGACAGGAAATCCACCAC |
| *actb* | forward | real-time PCR | CCCCACCCAAAGTTTAG |
| *actb* | reverse | real-time PCR | CAACGATGGAGGGAAAGACA |
| *gal* | forward | genotyping of knockouts (PCR on genomic DNA) | CTGGCCGCTCCGCTCACTCA |
| *gal* | reverse | genotyping of knockouts (PCR on genomic DNA) | AAGGCTGGCATGTTCCCTGATCT |
| *gal* | forward | genotyping of knockouts (cycle sequence) | GGCTCCAGCTCATCCGCTTCT |