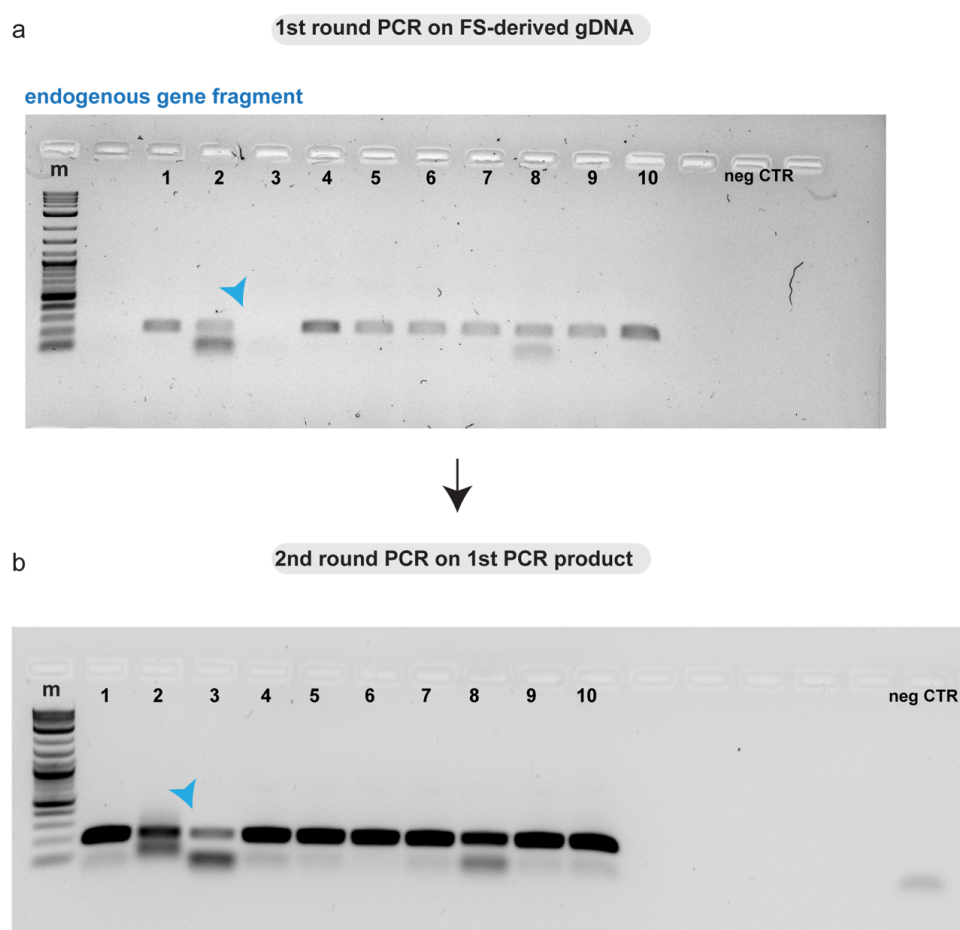


Supplementary Material

Supplementary Figure 1

Supplementary Table 1

Source data relative to Supplementary Figure 1

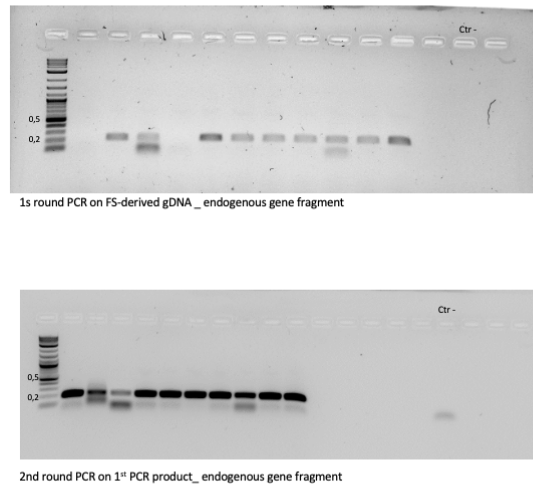


Supplementary Figure 1. Results from one (a) and two (b) rounds of PCR of an endogenous target gene fragment on the genomic DNA obtained by applying the FS procedure on 48 hpf zebrafish embryos. Endogenous gene target amplification after one (a) or two (b) rounds of PCR on the gDNA extracted by FS protocol. The numbers correspond to different individuals (embryos at 48hpf). The second round of PCR shown in b ("PCR on PCR") was performed using the target amplicons from

the first round of PCR as starting material. Amplification is evident for individual 3 after the second round of PCR (compare blue arrow between a and b). The gel is a representative result of three independent experiments.

GFP Fw	5'- CGTAGCCTTCGGGCATGGCGGAC-3'
GFP Rv	5'- CTGGTCGAGCTGGACGGCGACG-3'
Tyr Fw	5'-AACCACCATAAGCCCCGATTATATG-3'
Tyr Rv	5'-CCGCCCCTAGAACTAACATTCTTG-3
Plekhh1 Fw	5'-GACAGAGACCACTCCTCTGATGAA-3'
Plekhh1 Rv	5'- CTTCTGTAATCTCAGACCCCTCCA-3'

Table S1: list of the primers used in this study.



Source data relative to Supplementary Figure 1. Uncropped image of the agarose gel showing the 1st and 2nd round of PCR on the endogenous gene fragment in different zebrafish embryos whose genomic DNA was derived by FS