**Supplementary file 3.**

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| Target | Primer sequence (5'–3') | Amplicon (bp) |
| *Erpetoichthys calabaricus* |
| ENaC  | forwardreverse | ACATATTGCCTGGGGGCACTTAGGCTCTTGGTGTCCATCTG | 474 |
| ENaC  | forwardreverse | CCGGAATGGGTGTACTGCTAAAGGAGGAGGCCCCATGTAT | 469 |
| ENaC γ | forwardreverse | AGCCGAACAACGAGCATGTAAGTTGCAAAGCTGGAAGCCT | 725 |
| GAPDH | forwardreverse | TGAAAAGGCCTCTGCTCACCAGGTTTAACTGCGTCAGGGG | 734 |
| *Xenopus laevis* |
| ENaC α | forwardreverse | ACAGAGTGAGCCAGGATTGGAATTAACAGCTCCAGGTGGCA | 628 |
| ENaC β | forwardreverse | CACATACCGCCGGCTCACTCGGCTTAACCCGTGAGTATTTGA | 515 |
| ENaC γ | forwardreverse | GTCAGATCTCTGGGACAGATCCAGTTCCGAGCATCACAGGACA | 847 |
| ENaC δ | forwardreverse | ACCACTTTCTGGCTTGTGCTCCTCCATTGACTTGGCCTGT | 320 |
| β-actin | forwardreverse | GCCCGCATAGAAAGGAGACAGTCTGTCAGGTCACGTCCAG | 610 |