

1 **A gene expression study of ornamental fin shape in**  
2 ***Neolamprologus brichardi*, an African cichlid species**

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5 Ehsan Pashay Ahi<sup>1</sup>,  
6 Email: ehsan.pashay-ahi@uni-graz.at

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8 Florian Richter<sup>1</sup>  
9 Email : florianrichter1@outlook.com

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11 Kristina M. Sefc<sup>1</sup>,  
12 Email: kristina.sefc@uni-graz.at

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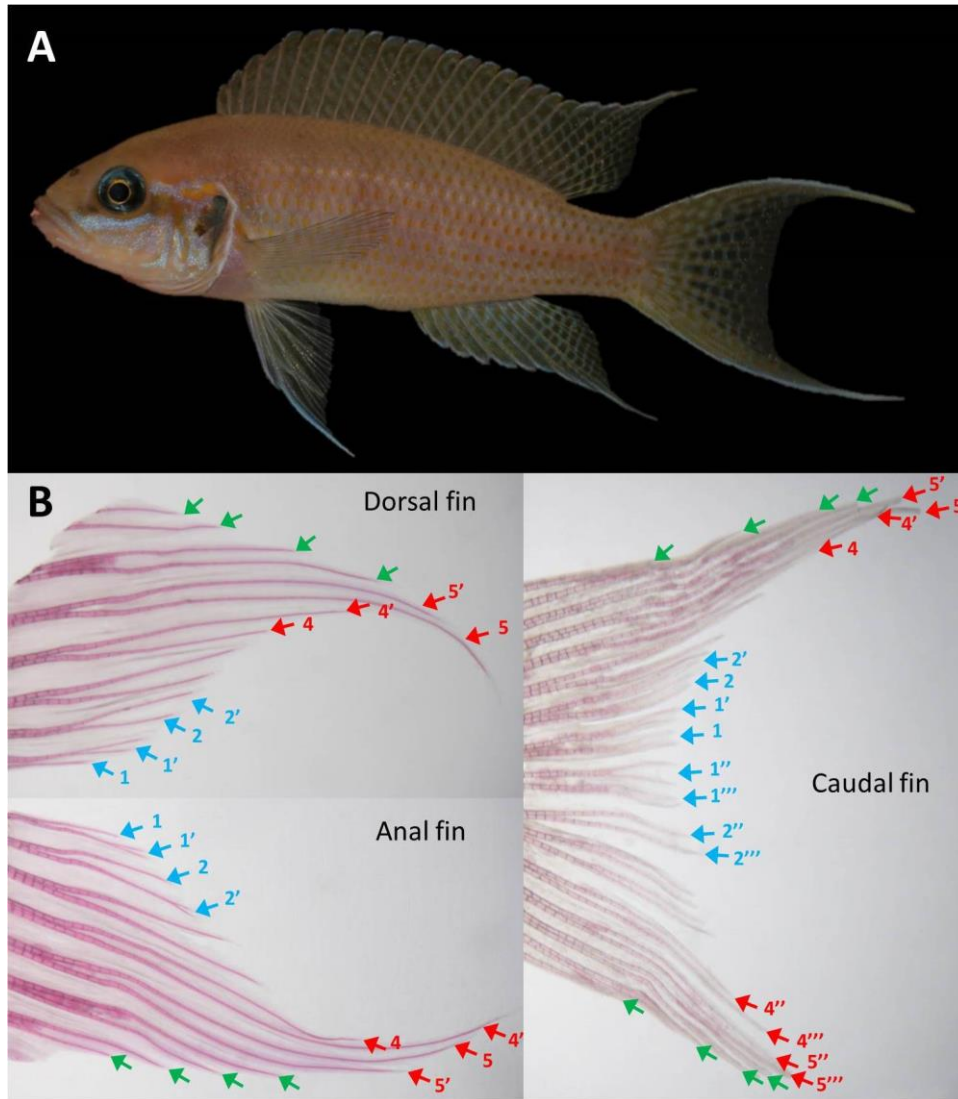
15 1. Institute of Zoology, University of Graz, Universitätsplatz 2, A-8010 Graz, Austria

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17 Corresponding Author: Ehsan Pashay Ahi,  
18 Email: ehsan.pashay-ahi@uni-graz.at

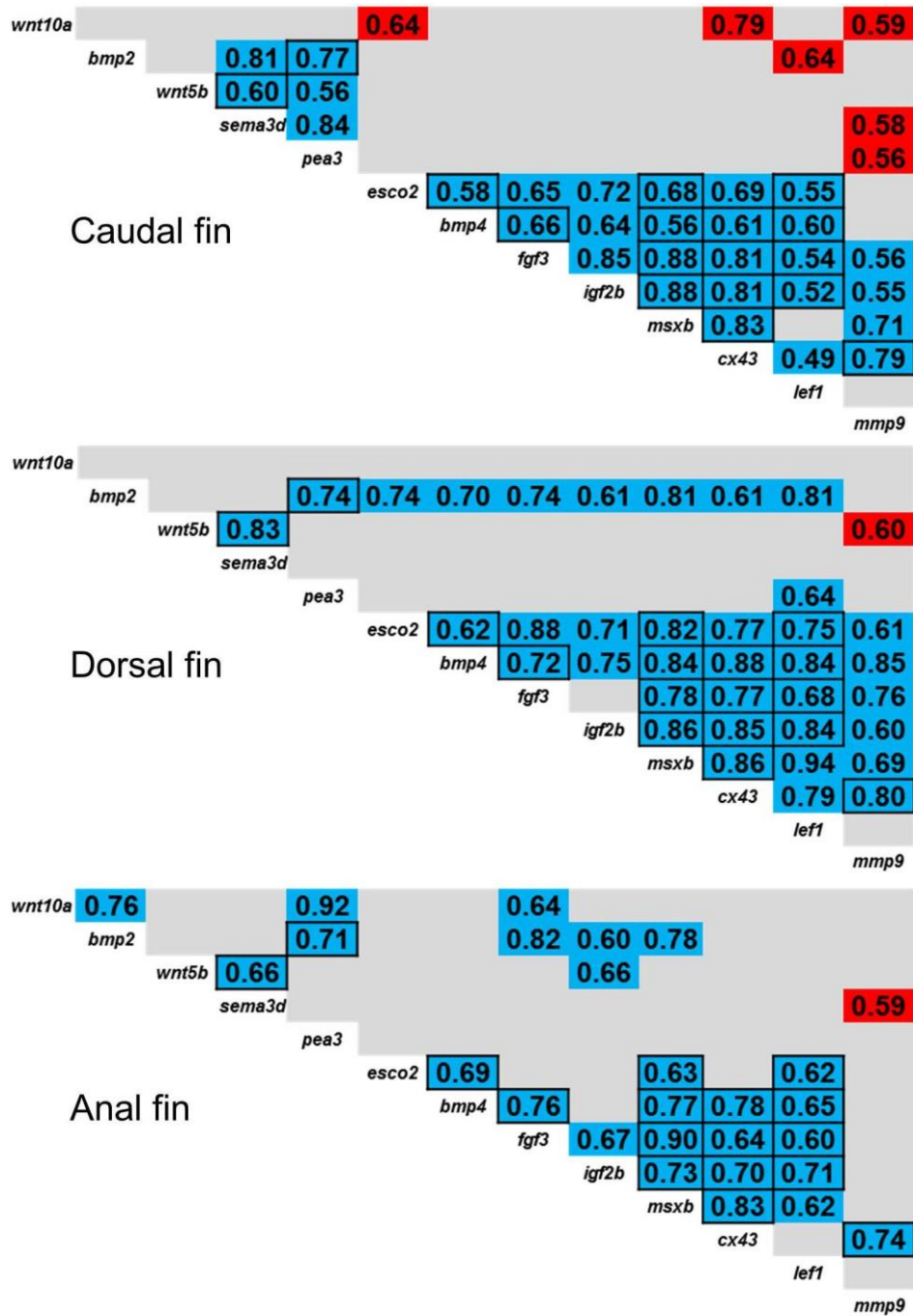
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**Supplementary Figure 1. The unpaired fins of *Neolamprologus brichardi*.** (A) An adult *N. brichardi*, prior to fin amputation (B) Alizarin red stained fin rays, red and blue arrows specify rays included in the tissue samples of the elongated and short fin regions, respectively, of the anal, dorsal and caudal fin. Green arrows specify the fin rays situated in the white-coloured, leucophore- or/and iridophore-rich margins of the fins, which were removed from the tissue samples prior to RNA extraction in order to avoid confusion with colour-specific expression patterns.



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38 **Supplementary figure 2. Significant expression correlations between the 13 focus target**  
 39 **genes.** Numbers indicate Pearson correlation coefficients ( $P < 0.01$  in 2-tailed tests). Blue  
 40 shading represents positive and red shading represents negative expression correlation.