



FIGURE S3 | Landmark mapping on Pseudopimelodidae phylogeny (Outgroups plus Clade 1: Batrochoglaninae). Inferred phylogeny and landmarks mapping on the head of Batrochoglaninae (Clade 1: *Microglanis*, *Batrochoglanis*, and *Lophiosilurus*). The ancestral shape is indicated in grey dotted lines; reconstructed shape in red lines, blue lines showing the change in position of each landmark to the corresponding node in the ancestor. The ancestral configurations are also indicated on the nodes. In the box are enumerated landmarks on the enlarged image of *Ictalurus punctatus*.

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