

Table S4 Sex chromosome genotypes of F₁ fish (pedigree WLC20074) from a cross between a *G. affinis* female (WLC1313) and a *G. holbrooki* male (WLC2514) determined by PCR with the W-marker *amtW* (Gaf88) (LAMATSCH *et al.* 2015) and the Y-marker *sox9bY*.

F ₁ ♀ non-melanic		F ₁ ♂ melanic	
WX	26	WY	28
ZX	21	ZY	23
Σ 47		Σ 51	

Z and X were inferred from the absence of PCR products for the W and Y marker, respectively. Note that WZ correspond to chromosome 1 and XY to chromosome 16.

Reference

Lamatsch, D. K., S. Adolfsson, A. M. Senior, G. Christiansen, M. Pichler *et al.*, 2015 A transcriptome derived female-specific marker from the invasive Western mosquitofish (*Gambusia affinis*). PLoS One 10: e0118214.