

Table S1 Fish used for pool sequencing.

Species	Number and sex of fish	Population	Notes
<i>Gambusia affinis</i>	31 females	WLC1313 Pena blanca Lake, Arizona, USA	
	30 males	WLC1313 Pena blanca Lake, Arizona, USA	
<i>Gambusia holbrooki</i>	13 females	WLC2514 Florida City, Florida, USA	
	12 females	WLC2105 Everglades City, Florida, USA	
	11 females	WLC1475 Tamiami trail, Everglades, Florida, USA	
	13 males	WLC2514 Florida City, Florida, USA	melanic
	12 males	WLC2105 Everglades City, Florida, USA	melanic
	11 males	WLC1475 Tamiami trail, Everglades, Florida, USA	melanic