

*Xiphophorus hellerii*, Albino



Female



Male

Strain Code: HeAlb

Phenotypes scored: Albinism (i); Sword color: green (gr).

Introduction:

The albino *X. hellerii* (HeAlb) was created by Dr. Manfred Shartl. He used an albino platyfish and continually crossed it with his *X. hellerii* Lancetilla stock while selecting for the albinism, thus generating an essentially pure stock of *X. hellerii* Lancetilla that is albino. This stock arrived at the Stock Center on July 3, 2001 from Dr. Schartl at the University of Wurzburg, Germany, via Dr. Ingo Schlupp.

Sex determination/sexing:

Sex determination is currently undetermined. Fish are sexed at 1.5 to 2 months of age and mature at about at 3 to 4 months of age.

Scoring:

Sword color is scored in males when they reach sexual maturity. For the most accurate assessment, fish must be anesthetized and scored with a dissection microscope on a black background. Albinism (i) is scored in both males and females.

Stock Maintenance:

Matings are established to produce enough offspring for stock maintenance and for research purposes. At least six matings are set up for each generation using reciprocal crosses from parallel lines. This helps ensure appropriate quantities of fish are generated.

Stock Source:

Dr. Manfred Schartl, University of Wurzburg, Germany, 7/3/01.

