

*Xiphophorus clemenciae*, Grande



Female



Male

Strain Code: Grande

Phenotypes scored: Sword color: orange (or) and green (gr)

Introduction:

Representatives of the Grande stock of *X. clemenciae* were collected from the Rio Grande in Veracruz, Mexico by Klaus Kallman in 1993. The fish currently in the Stock Center are descended from wild caught females.

Sex determination / sexing:

Grande fish should be sexed at 2 to 3 months of age. Once matings are set up, the remaining back-up fish can be combined with their siblings. The chromosomal mechanism for sex determination for this stock is likely XX/XY although it has not been conclusively worked out.

Scoring:

Sword color is scored with the aid of the black background of a dissection microscope, on sexually mature males. It is presumed that alleles for orange and green sword color are present, but this is yet to be determined.

Stock maintenance:

About 6 matings are set up for each generation. This is done to ensure enough progeny to continue on into the next generation.

Stock source:

Prof. Klaus Kallman, the New York Aquarium, 1993.