

*Xiphophorus multilineatus*, Rio Coy



Female



Male

Strain code: CoyIII

Phenotypes scored: Body color: blue and wild-type (+); maturation rate: small (s).

Introduction:

Originators of this stock arrived at the Stock Center from Dr. Manfred Scharl's Lab in Wurzburg, Germany on July 3, 2001. Males of this stock express a blue body coloration (blue) and mature early and at a small size (s).

Sexing:

Fish in this stock should be sexed at about 1.5 to 2 months of age because of early maturing males.

Scoring:

Males and females should be scored for body coloration in this stock. Because the blue coloration seems to be limited to the males, females should appear wild-type (+). All mature fish are to be measured upon discarding or fixing in order to collect data on maturation rates.

Maintenance:

About six matings using reciprocal crosses are set up for each generation in this stock. Although there are not many varying color patterns associated with CoyIII, production trouble has been noted and this high number of matings will help ensure enough offspring are produced to perpetuate the stock.

Stock source:

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