

*Xiphophorus maculatus*, Wild Jamapa Platy



Female



Male

Strain code: JpWild

Phenotypes scored: Tail patterns: twin spot (T), and crescent (C).

Introduction:

This stock of *X. maculatus* also originated from the Rio Jamapa drainage, Veracruz, Mexico, and has been under cultivation since 1971. This stock shows two phenotypes for a tail spot pigment pattern, twin spot (T), and crescent (C). Both of these phenotypes can vary in expression and may be difficult to score. The gene(s) encoding these is presumed to be autosomal, but the inheritance of this pattern remains uncertain. This fish also has blue-green iridescence in the shoulder region. No P-genes have been identified in this stock.

Sexing:

Fish are sexed at one & a half to two months of age. JpWild fish reach sexual maturity at about four months of age.

Scoring:

Fish are scored for the tail spot patterns T and C once they are sexually mature.

Stock maintenance:

This stock can be maintained by reciprocal crosses between at least 2 pedigrees. The primary objective in setting up matings is to include both tail spot patterns in the mating. This can be accomplished by several different crosses such as a TC fish mated to a TC fish, or a T fish mated to a C fish, as long as both patterns are present in each mating.

Stock source:

The stock currently maintained at the Stock Center was obtained from Klaus Kallman in 1993, with a shipment containing one pedigree of fifteen females and twelve males, and two matings. One mating was a female homozygous for C with a male homozygous for T; and the second mating was the reverse of these parental genotypes.