

# **SEX DETERMINATION IN FISH**

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### **Sex determination in fish | Nature**

Here, we review the available data on the genetic architecture of sex determination (SD) in fish and how sex ratio is controlled in aquaculture.

### **Sex determination in fish | Genome Biology | Full Text**

Although much is known about the process of sex differentiation in fish, the precise mechanisms involved in primary sex determination remain.

## **Sex-determination system - Wikipedia**

A sex-determination system is a biological system that determines the development of sexual . Some fish have variants of the XY sex-determination system, as well as the regular system. For example, while having an XY format, Xiphophorus.

## **Discover the progressive evolution of sex chromosomes**

PDF | The mechanisms of sex determination in fish are extremely diverse, changeable, and labile. This review analyzes the possible variants of.

## **Fish With Temperature-dependent Sex Determination: How Common Are They? -- ScienceDaily**

Sex determination is the genetic or environmental process that establishes the Fish are the most diverse group of vertebrates in terms of sex determination.

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The species survival depends on desiccationresistant embryos that remain hidden in the bottom mud until the next rainy season when they hatch Myers, ; Wourms, Sex Determination in Fish, Berois et al. Similarly, there is almost no information about sex determination in the two pufferfish species with sequenced genomes, the Fugu Takifugu rubripes [Aparicio et al. The discovery of the triploid male ZZW in the colubrid snake testifies to the absence of a particular role of the B chromosome in the determination of sex in this species [ 29 ]. Bibcode:Natur.TURBOTThestrongsexualgrowthdimorphismofturbothaspro Close Preview. In gonochoristic species, all possible forms of genetic sex determination have been observed, from male and female heterogamety with or without influence of autosomal loci, to more complicated systems involving several loci but without sex chromosomes polyfactorial sex determinationor several sex chromosomes and several pairs of sex chromosomes. Thedegreeofconfidenceassignedtonodesinthetreeswasassessedbybootst differentiation, determination of sexual strategy, and gametogenesis of this species were previously established Arezo et al. Recombination rates are reduced around the sex-determining locus.

