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(54) Title: A METHOD OF GENERATING STERILE AND MONOSEX PROGENY

(57) Abstract: The disclosure provides an endogenous germ cell-less fish, crustacean, or mollusk having a chimeric gonad, where the chimeric gonad comprises at least one transplanted germ cell having a mutation that is present in the germline and disrupts the development and/or function of somatic gonadal cells, which can be used as broodstock. The disclosure also provides methods of making broodstock fish, crustaceans, or mollusks for use in producing sterilized or sex-determined sterilized fish, crustaceans, or mollusks, as well as the broodstock itself.



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