

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

[Xtr.smad4.1{mZimml}](#)

RRID:EXRC_6002

Type: Organism

Proper Citation

RRID:EXRC_6002

Organism Information

URL:

Proper Citation: RRID:EXRC_6002

Description: Mutation affecting haematopoiesis identified in a screen for ENU-induced mutations at Mill Hill. Positional cloning identified it as a nonsense mutation in smad4.1. Homozygous mutants have little or no circulating blood cells. An unusual lump around the proctodeum is visible as early as ~stage 37, with subsequent ventral fin defects.

Species: *Xenopus tropicalis*

Notes: Mutation affecting haematopoiesis identified in a screen for ENU-induced mutations at Mill Hill. Positional cloning identified it as a nonsense mutation in smad4.1. Homozygous mutants have little or no circulating blood cells. An unusual lump around the proctodeum is visible as early as ~stage 37, with subsequent ventral fin defects.

Phenotype: Haematopoiesis defect

Catalog Number: 6002

Database: EXRC, European *Xenopus* Resource Centre

Database Abbreviation: EXRC

Organism Name: Xtr.smad4.1{mZimml}

Record Creation Time: 20230226T235120+0000

Record Last Update: 20260815T230447+0000

Ratings and Alerts

No rating or validation information has been found for Xtr.smad4.1{mZimml}.

No alerts have been found for Xtr.smad4.1{mZimml}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: EXRC, European Xenopus Resource Centre

Usage and Citation Metrics

We have not found any literature mentions for this resource.