

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

[xpf-1\(e1487\) II; unc-24\(e138\) T22B11.1\(t1786\)/nt1\[let \(m435\)\] IV; dpy-11\(e224\)/nt1\[let \(m435\)\] V.](#)

RRID:WB-STRAIN:WBStrain00051682

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051682

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00051682>

Proper Citation: RRID:WB-STRAIN:WBStrain00051682

Description: Caenorhabditis elegans with name xpf-1(e1487) II; unc-24(e138) T22B11.1(t1786)/nt1[let (m435)] IV; dpy-11(e224)/nt1[let (m435)] V. from WB.

Species: Caenorhabditis elegans

Synonyms: xpf-1(e1487) II; unc-24(e138) T22B11.1(t1786)/nt1[let (m435)] IV; dpy-11(e224)/nt1[let (m435)] V.

Notes: him-9 is other name for xpf-1|"Made_by: Vancouver KO Group"|"Temperature-sensitive maternal effect lethal mutation linked to unc-24(e138) and pseudolinked to dpy-11(e224), and balanced by recessive lethal translocation. Heterozygotes are WT and segregate WT, arrested nT1 aneuploids, arrested nT1 homozygotes, and viable DpyUnc t1786 homozygotes that produce unfertilized oocytes at restrictive temperature. GE2827 is also homozygous for him-9(e1487) so that male progeny are segregated. Pick WT and check for correct segregation of progeny to maintain. Please reference Li-Leger et al., G3 11(12) 2021 in any work resulting from use of this mutation."|"Temperature-sensitive maternal effect lethal mutation linked to unc-24(e138) and pseudolinked to dpy-11(e224), and balanced by recessive lethal translocation. Heterozygotes are WT and segregate WT, arrested nT1 aneuploids, arrested nT1 homozygotes, and viable DpyUnc t1786 homozygotes that produce unfertilized oocytes at restrictive temperature. GE2827 is also homozygous for xpf-1(e1487) so that male progeny are segregated. Pick WT and check for correct segregation of progeny to maintain. Please reference Li-Leger et al., G3 11(12) 2021 in any work resulting from use of this mutation. xpf-1 previously known as him-9."

Affected Gene: WBGene00001073(dpy-11)|WBGene00006761(unc-24)|WBGene00008140(xpf-1)|WBGene00020675(spe-51)

Genomic Alteration: WBGene00001073(dpy-11), WBGene00006761(unc-24), WBGene00008140(xpf-1), WBGene00020675(spe-51)

Catalog Number: WB-STRAIN:WBStrain00051682

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: xpf-1(e1487) II; unc-24(e138) T22B11.1(t1786)/nt1[let (m435)] IV; dpy-11(e224)/nt1[let (m435)] V.

Record Creation Time: 20230227T013849+0000

Record Last Update: 20260829T162741+0000

Ratings and Alerts

No rating or validation information has been found for xpf-1(e1487) II; unc-24(e138) T22B11.1(t1786)/nt1[let (m435)] IV; dpy-11(e224)/nt1[let (m435)] V..

No alerts have been found for xpf-1(e1487) II; unc-24(e138) T22B11.1(t1786)/nt1[let (m435)] IV; dpy-11(e224)/nt1[let (m435)] V..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.