

B6.129P2(Cg)-Hprt^{tm42(Ple131-lacZ)Ems}/Mmjax

MMRRC Stock No: **32940-JAX**

 Congenic, Targeted Mutation

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These mice have the Ple131-lacZ transgene targeted as a single copy "knockin" into the upstream region of the *Hprt* locus on the X chromosome. The promoter/regulatory regions of the human *MKI67* gene direct expression of β -galactosidase.

Donating Investigator

Elizabeth M Simpson, Centre for Molecular Medicine & Therapeutics, University of British Columbia

GENETIC OVERVIEW

Genetic Background

Generation

Hprt^{tm42(Ple131-lacZ)Ems}

Allele Type

Targeted

Gene Symbol

Hprt

Gene Name

hypoxanthine guanine phosphoribosyl transferase

V I E W G E N E T I C S

RESEARCH APPLICATIONS

Research Tools

Neurobiology Research

V I E W A L L R E S E A R C H A P P L I C A T I O N S

[+ Expression Data](#)

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[+ *Hprt*^{tm42\(Ple131-lacZ\)Ems}](#)

[- Disease/Phenotype](#)

[+ Disease Terms](#)

[+ Research Areas By Phenotype](#)

[+ Mammalian Phenotype Terms by Genotype](#)

[+ References](#)

[- Technical Support](#)

C O N T A C T T E C H N I C A L S U P P O R T

Genotyping Protocols

Standard PCR:[Hprt](#)

[Genotyping resources and troubleshooting](#)

Breeding Considerations

The donating investigator recommends maintaining this strain by breeding heterozygous females with C57BL/6J inbred males (Stock No. [000664](#)).

[Additional Breeding and Husbandry Support](#)

Citation

When using the B6.129P2(Cg)-*Hprt*^{tm42(Ple131-lacZ)Ems}/Mmjax mouse strain in a publication, please [cite the originating article\(s\)](#) and include MMRRC stock #32940 in your Materials and Methods section.

Animal Health Reports

[Facility Barrier Level Descriptions](#)

Production of mice from cryopreserved embryos or sperm occurs in a maximum barrier room, [G200](#)

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Q U E S T I O N S A B O U T T E R M S O F U S E

LICENSING INFORMATION

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