

**B6.Cg-Slc15a1<sup>tm1Dgen</sup> Tg(SLC15A1)1Dsmi/Mmjax**MMRRC Stock No: **65275-JAX** | mPepT1<sup>+</sup> huPepT1 Targeted Mutation, Transgenic

ORDER AT MMRRC JAX

[Email](#) [Download PDF](#) [Help](#)

intestinal peptide transporter. These mice may be used as a humanized mouse model for studying prodrug absorption and disposition.

## Donating Investigator

David E. Smith, University of Michigan

R E A D M O R E +

## GENETIC OVERVIEW

## Genetic Background

## Generation

*Slc15a1<sup>tm1Dgen</sup>*

## Allele Type

Targeted (Reporter, Null/Knockout)

## Gene Symbol

*Slc15a1*

## Gene Name

solute carrier family 15 (oligopeptide transporter), member 1

## Tg(SLC15A1)1Dsmi

## Allele Type

Transgenic (Inserted expressed sequence, Humanized sequence)

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

## RESEARCH APPLICATIONS

Research Tools

[+ Details](#)[+ Genetics](#)[+ Disease/Phenotype](#)[+ Technical Support](#)

## THE JACKSON LABORATORY'S GENOTYPE PROMISE

The Jackson Laboratory has rigorous genetic quality control and mutant gene genotyping programs to ensure the genetic background of JAX® Mice strains as well as the genotypes of strains with identified molecular mutations. JAX® Mice strains are only made available to researchers after meeting our standards. However, the phenotype of each strain may not be fully characterized and/or captured in the strain data sheets. **Therefore, we cannot guarantee a strain's phenotype will meet all expectations.** To ensure that JAX® Mice will meet the needs of individual research projects or when requesting a strain that is new to your research, we suggest ordering and performing tests on a small number of mice to determine suitability for your particular project. We do not guarantee [breeding performance](#) and therefore suggest that investigators order more than one breeding pair to avoid delays in their research.

[+ Terms Of Use](#)[+ Related Strains](#)

### DO YOU NEED BALB/c MICE?

Rely on JAX to provide the models you need, when you need them.

[LEARN MORE](#)[CONTACT](#)[DONATE](#)[SUBSCRIBE](#)[JAX HOME](#)[CAREERS](#)[PRIVACY POLICY](#)[TERMS OF USE](#)

*Leading the search for*

# TOMORROW'S CURES



©2020 THE JACKSON LABORATORY

Choose other country or region 

 [E](#) [E](#) [E](#) [D](#) [B](#)

Did you find what you were looking for?

Yes  No