

Our gene driven approach for generating mouse models for medical research is the product of a mouse mutagenesis and sequencing pipeline that randomly generates many thousands of **missense**, **nonsense** and **splice variants**.

Do you need to determine
the function of a
human disease-associated gene?

Do you want
fast access
to a relevant
mouse model?



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Do you need a
cheaper alternative
to a
knockout mouse?

Missense Mutation Library

Research the Missense Mutation Library at
databases.apf.edu.au/mutations

Our sequenced collection contains thousands of **Single Nucleotide Variants** and your interrogation of the data set is also aided by links to:

- Mouse Genome Informatics (MGI)
- Online Mendelian Inheritance in Man (OMIM)
- Human Rare Disease Genes (Orphanet)
- Possible deleterious effects (Polyphen, SIFT)



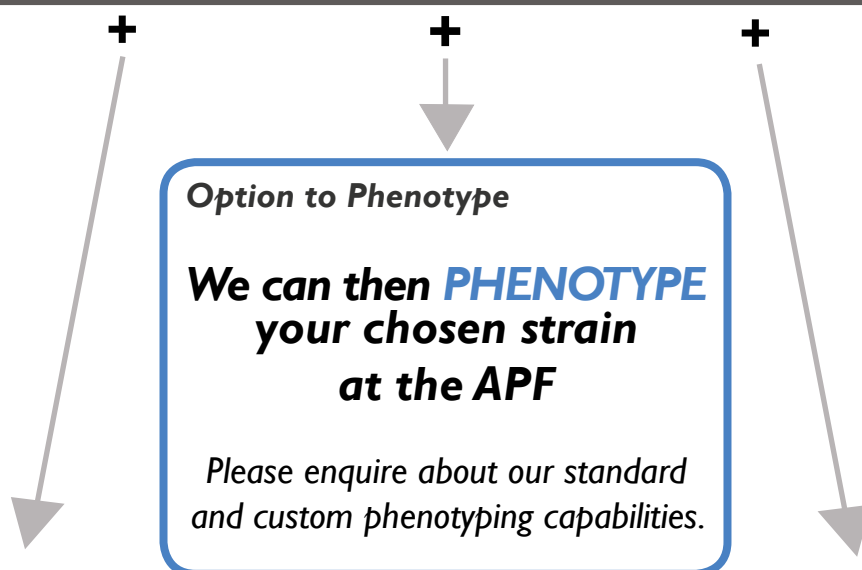
Access the Missense Mutation Library with the options below:

All Prices are subject to change - February 2015

Base Package

We generate LIVE Heterozygous mice with your chosen mutation **AUD \$1,950**

Further savings for requesting 3 or more SNV's in one order. Includes: Generation of 2-3 pairs heterozygous male and female mice.



Option to Phenotype

We can then **PHENOTYPE your chosen strain at the APF**

Please enquire about our standard and custom phenotyping capabilities.

Option to Ship

We can **SHIP your chosen strain to your facility at cost**

Health Screening also available at cost.

Option to Maintain

We continue to **MAINTAIN your chosen strain at the APF for AUD **\$6.62/cage** p/week**

Includes: Genotyping; Breeding within nominated cage limit. Excludes: Phenotyping

For more information contact our Scientific Programs Team at apf.scientific.programs@anu.edu.au
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