Overview

Also Known As: hydrocephaly with hop gait

These mice carry a spontaneous mutation at the Napa locus characterized by hydrocephalus.
Although no overt phenotype is apparent in newborn hyh mice, they have dilated lateral ventricles. By 2 weeks of age, an outward phenotype of a domed head and a hop gait is apparent. Dissection and histological examination reveal "hydrocephalus of lateral and third ventricles and of the caudal aspects of the cerebral aqueduct" increasing in severity with age (Bronson et al., 1990). Homozygotes have a decreased lifespan usually dying before 2 months of age. Some homozygotes will live for several months, but usually will not breed.
Genotyping Protocols
End Point Analysis: Napa
Pyrosequencing: Napa Pyro
Genotyping resources and troubleshooting

Citation
When using the hydrocephaly with hop gait mouse strain in a publication, please cite the originating article(s) and include JAX stock #001035 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

Pricing & Availability
Typically mice are recovered in 10-14 weeks. Contact Customer Service to place an order or for more information.

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<tr>
<th>SERVICE/PRODUCT</th>
<th>DESCRIPTION</th>
<th>PRICE</th>
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<tr>
<td>Cryo Recovery</td>
<td>Heterozygous or Wildtype for Napa&lt;hyh&gt;</td>
<td>$2,854.50</td>
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