

B6.D2-Otog^{twi-3J} /Kjn

Stock No: **010746**

 Congenic, Spontaneous Mutation

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GENETIC OVERVIEW

Genetic Background

Generation

Otog^{twi-3J}

Alele Type

Spontaneous

Gene Symbol

Otog

Gene Name

otogelin

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RESEARCH APPLICATIONS

VIEW ALL RESEARCH APPLICATIONS

Details

Detailed Description

Mice homozygous for the twisted 3 Jackson mutation have a severe head-tilt and move in the circling pattern indicative of a vestibular defect. In a swim test they swim tilted to one side usually just below the surface of the water. ABR readings show

that these mice are severely hearing impaired at wean age and profoundly deaf by 70 days of age. Otoconial deficiencies exist that are likely due to displacement of the otolithic membrane.

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

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Mating System
Heterozygote x Homozygote

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