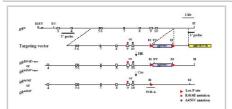


# **Associated Images**





#### Description:

Gene targeting was used to introduce a point mutation in the gk gene. Uppermost map is a diagram of the mouse gk gene showing locations of exons 3 to 10 (indicated by open boxes). The locations of the DNA fragments used as 5' and 3' hybridization probes are shown. EI, EcoRI; EV, EcoRV. Second map from top is of the gene targeting vector carrying either the K414E mutation in exon 9 depicted by the red circle or the A456V mutation in exon 10 as indicated by the blue circle. A neomycin resistance cassette (pgkneoR), which is flanked with two loxP sites depicted by red triangles, and a HSV-thymidine kinase cassette (pgk-HSV-TK), were used for positive and negative selection, respectively. Third map from top is of the recombinant gk allele after homologous recombination (HR) carrying a floxed pgk-neoR cassette and the respective point mutation in exon 9 or 10. Fourth map from top is of the mutant gk allele after Cre recombination.

#### Reference:

17353190

# Repositories

#### MMRRC



Stock #: 015249-UCD Availability Notes: Not provided

BCBC members may <u>Login</u> to request this resource.

# **Contact Information**

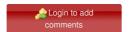
Preferred Contact	
Name	Mark Magnuson
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# **Associated Publications**

No publications associated

# Comments

There are no comments for this entry.



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