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ROSA26-LSL-mtGCK - Mouse Strain RES842

Mouse Information

Common Name:	ROSA26-LSL-mtGCK
MGI Official Name:	Gt(ROSA)26Sor$^{tm1(GCK*)Ydor}$
Description:	Glucokinase containing the Y214C activating mutation, causing severe persistent hyperinsulinemic hypoglycemia (Diabetes 53:2164-2168, 2004) was targeted to the ROSA26 locus, preceded by a lox-stop-lox sequence and followed by IRES-EGFP.
Categories:	Cre-lox inducible

Genetic Alterations

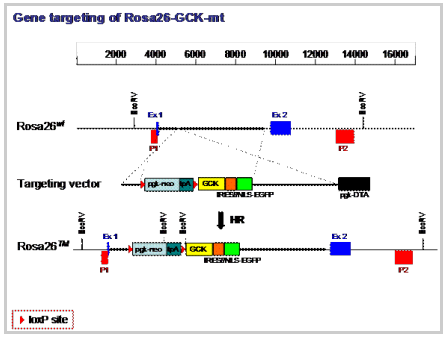
1) BAC or Transgene Insertion	
Type of Vector	Plasmid
Promoter	gene trap ROSA 26, Philippe Soriano (ROSA26 - MGI:14910)
Expressed Gene	Glucokinase (GCK - MGI:24385)
Description of Transgene	The glucokinase mutant (Y214C) contains IRES-EGFP.
Vector Genbank File	pRosa26Gckmt.gb
Citations	*Not provided*

Strain Information

Strain Type:	Mixed
Chimera/Founder Genetic Background:	129X1/SvJ
Current Genetic Background:	129P2/OlaHsd (date recorded: 04/23/2015)
Strain Description:	129, now few generations crossed into CD1.

Associated Images

Image 1



Description:
Not provided

Reference:
Not provided

Repositories

Dor Lab

Request this resource

Stock #: VUMC-JZ
Availability Notes: *Not provided*

Contact Information

Preferred Contact

Access Status

This resource is publicly viewable.

Request this Resource

Request from a **repository**

Primary contributor: **Dor Lab**
Co-contributed by:
- BCBC Mouse / ES Cell Core

Resource Tags

mESC Core, mouse, mouse strain, ROSA26-LSL-mtGCK

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Read more about tags

Resource History & Actions

Approved on Feb 07, 2009
Last modified on Feb 07, 2009

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BCBC

No matching resources

Other Consortia

No matching resources

Data courtesy of dkCOIN. Only public resources are displayed.

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Associated Publications

No publications associated

Comments

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