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ROSA26-LSL-mtGCK - Mouse Strain RES842**Mouse Information**

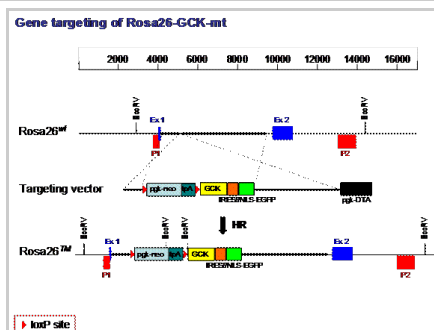
Common Name:	ROSA26-LSL-mtGCK
MGI Official Name:	Gl(ROSA)26Sor ^{tm1(GCK*)Ydor}
Description:	Glucokinase containing the Y214C activating mutation, causing severe persistent hyperinsulinemic hypoglycemia (Diabetes 53:2164-2168, 2004) was targeted to the ROSA26 locus, preceded by a lox-stop-lox sequence 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	<i>Not provided</i>

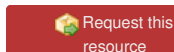
Strain Information

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**

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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Related resources**BCBC**

No matching resources

Other Consortia

No matching resources

Data courtesy of [dkCOIN](#). Only public resources are displayed.

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Primary Lab Contact

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Associated Publications

No publications associated

Comments

There are no comments for this entry.

