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**Foxo1(GFP) - Mouse Strain RES2061****Mouse Information**

<b>Common Name:</b>	Foxo1(GFP)
<b>MGI Official Name:</b>	Foxo1 <sup>tm1(GFP)Dac</sup>
<b>Description:</b>	A GFP cDNA has been knocked into the Foxo1 locus at the 3' end of the endogenous Foxo1 cDNA to generate a Foxo1-gfp fusion protein that can be used to study Foxo1 translocation in vivo.
<b>Categories:</b>	Fluorescent Probes

**Genetic Alterations**

<b>1) RMCE Targeted Mutagenesis</b>	
<b>Type of Allele</b>	Cassette Acceptor
<b>Targeted Gene</b>	forkhead box O1 (Foxo1 - <a href="#">NCBI GeneID:56458</a> )
<b>Targeted Allele</b>	targeted mutation 1 (Foxo1 <sup>tm1(LCA)</sup> - <a href="#">MGI:1890077</a> )
<b>Description of Targeting Vector</b>	<i>Not provided</i>
<b>Targeting Vector Genbank File</b>	<a href="#">pFoxo1.LCA.gb</a>
<b>Recombinase-Mediated Cassette Exchange Stage</b>	
<b>Type of Allele:</b>	Gene Replacement
<b>Exchanged Cassette Gene</b>	green fluorescent protein (GFP)
<b>Exchanged Cassette Allele Name</b>	Foxo1 <sup>GFP</sup>
<b>Description of Exchange Vector</b>	The 129S6-derived chimeric mice were bred to C57Bl6/J mice to determine germline transmission. Germline competent chimera were then mated to FLPe mice (in C57Bl6/J) to delete the hygromycin resistance cassette. Subsequent backcross matings to C57Bl6/J are ongoing.
<b>Exchange Vector Genbank File:</b>	<a href="#">pfoxo1.gfp.gb</a>
<b>Citations</b>	Not Available


**Strain Information**

<b>Strain Type:</b>	Mixed
<b>Chimera/Founder Genetic Background:</b>	129S6/SvEvTac
<b>Current Genetic Background:</b>	C57BL/6J (date recorded: 03/27/2015)
<b>Strain Description:</b>	Not provided


**Associated Images**

<b>Image 1</b>	<b>Description:</b> <i>Not provided</i>
	<b>Reference:</b> <i>Not provided</i>

**Access Status**

 This resource is publicly viewable.

**Request this Resource**

 Request from a repository


Primary contributor: [Domenico Accili](#)

Co-contributed by:  
• [BCBC Mouse / ES Cell Core](#)

**Resource Tags**


Foxo1(GFP), Foxo1<sup>tm1(GFP)Dac</sup>, mESC Core, mouse, mouse strain, RMCE

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**Resource History & Actions**

Approved on Sep 18, 2009  
Last modified on Apr 07, 2015

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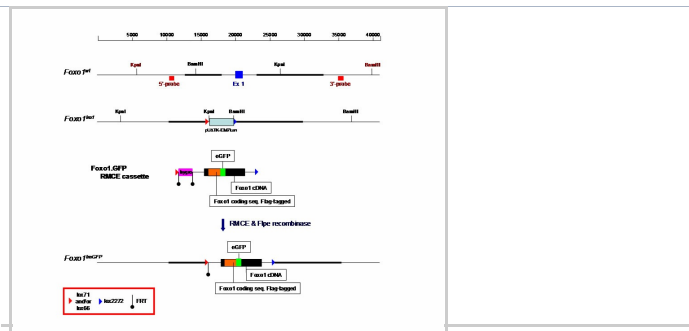
**Related resources****BCBC**

*No matching resources*

**Other Consortia**

*No matching resources*

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



## Repositories

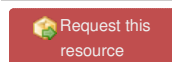
### Accili Lab

No URL supplied for repository

Stock #: Not provided

Availability Notes: Not provided

### Magnuson Lab



Stock #: LF BSID 0075

Availability Notes: Sperm cryo vial LF, Straw LF, BSID 0075, 49 straws, frozen 7/15/10

## Contact Information

### Preferred Contact

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### Primary Lab Contact

Name	Not provided
Institution	Not provided
Phone	Not provided
Email	Not provided

## Associated Publications

No publications associated

## Comments

There are no comments for this entry.

