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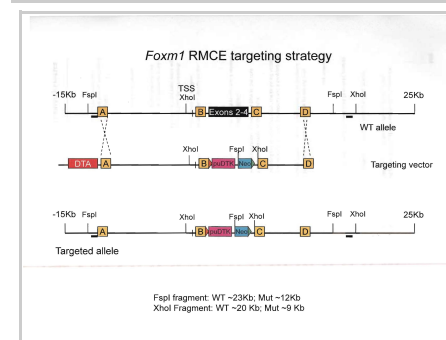
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Foxm1^{LCA} - ES Cell Line RES4060**ESC Line Information**

Cell Line Name:	Foxm1 ^{LCA}
Parental Cell Line:	TL-1
Background Strain:	129
Culturing Protocol:	<i>Not provided.</i>
Description:	This ES cell line was made by gene targeting and is designed to serve as a cassette acceptor allele at the Foxm1 locus. The portion of genomic DNA containing exons 2-4 of Foxm1 was flanked with Lox71 and Lox2272 sites and replaced with a selection marker. This line allows for modification of the flanked sequences through RMCE.

Genetic Alterations**1) Targeted Mutagenesis**

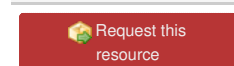
Type of Allele	Gene Replacement
Targeted Gene	Forkhead box M1 (Foxm1 - NCBI GeneID:14235)
Targeted Allele	<i>Not provided</i>
Description of Targeting Vector	The targeting vector contains a 5.5 kb 5' arm and a 3.5 kb 3' arm. Lox71 and Lox2272 sites were inserted flanking exons 2 and 3 of the Foxm1 gene. Flanked sequences were replaced by Pgk-Puro-deltaTK cassette for positive selection by puromycin (targeting events) and negative selection by ganciclovir (RMCE events).
Targeting Vector Genbank File	PBSDTAFO.gb
Citations	Not Available

Associated Images**Image 1**

Description:
Not provided

Reference:
Not provided

Repositories**Gannon Lab**


 Request this resource

Stock #: *Not provided*
Availability Notes: *Not provided*

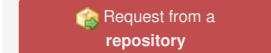
Contact Information**Preferred Contact**

Name Maureen Gannon

Access Status

 This resource is publicly viewable.

Request this Resource

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Primary contributor: [Gannon Lab](#)

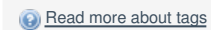
Co-contributed by:

- [BCBC Mouse / ES Cell Core](#)

Resource Tags

embryonic, es, esc, Foxm1^{LCA}, stem, TL-1

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Resource History & Actions

Approved on Dec 21, 2011

Last modified on Mar 19, 2015

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No matching resources

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

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Associated Publications

No publications associated

Comments

There are no comments for this entry.

