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Rosa26^{R26-228-IBRE4-TA-Cerulean} - ES Cell Line RES2002**ESC Line Information**

Cell Line Name:	Rosa26 ^{R26-228-IBRE4-TA-Cerulean}
Parental Cell Line:	TL-1 / Rosa26[LCA] clone 5B9
Background Strain:	129
Culturing Protocol:	std_mesc_culture.doc
Description:	In these cells Rosa26 gene sequences from -228 to +81 were replaced by a BMP response element (IBRE4) fused to a TATA-Cerulean (CFP) reporter. These ESCs may be useful for assess BMP responsiveness.

Genetic Alterations**1) RMCE Targeted Mutagenesis**

Type of Allele	Cassette Acceptor
Targeted Gene	gene trap ROSA 26, Philippe Soriano (Gt(ROSA)26Sor - NCBI GeneID:14910)
Targeted Allele	targeted mutation 1 (Rosa26 ^{tm1(LCA)} - MGI:104735)
Description of Targeting Vector	Not available
Targeting Vector Genbank File	pRosa26.LCA.gb
Recombinase-Mediated Cassette Exchange Stage	
Type of Allele:	Gene Replacement
Exchanged Cassette Gene	Not provided. (R26-228-IBRE4-TA-Cerulean)
Exchanged Cassette Allele Name	Rosa26 ^{R26-228-IBRE4-TA-Cerulean}
Description of Exchange Vector	not available
Exchange Vector Genbank File:	pr26228ibre4tacerulean.gb
Citations	Not Available

Associated Images

No associated images have been supplied

Repositories**Magnuson Lab**


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


Contact Information**Preferred Contact**

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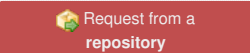
Associated Publications

No publications associated

Access Status

 This resource is publicly viewable.

Request this Resource



Primary contributor: [Palle Serup](#)

Resource Tags

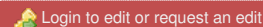
embryonic, es, esc, Rosa26^{LCA} clone 5B9, Rosa26^{R26-228-IBRE4-TA-Cerulean}, Sassy, CBP, stem





Resource History & Actions

Approved on Sep 08, 2009
 Last modified on Sep 21, 2010



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

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