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**Rosa26<sup>R26-228-IBRE4-TA-Cerulean</sup> - ES Cell Line RES2002****ESC Line Information**

Cell Line Name:	Rosa26 <sup>R26-228-IBRE4-TA-Cerulean</sup>
Parental Cell Line:	TL-1 / Rosa26(LCA) clone 5B9
Background Strain:	129
Culturing Protocol:	<a href="#">std_mesc_culture.doc</a>
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.

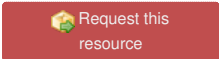
**Genetic Alterations**

<b>1) RMCE Targeted Mutagenesis</b>	
Type of Allele	Cassette Acceptor
Targeted Gene	gene trap ROSA 26, Philippe Soriano (Gt(ROSA)26Sor - <a href="#">NCBI GeneID:14910</a> )
Targeted Allele	targeted mutation 1 (Rosa26 <sup>tm1(LCA)</sup> - <a href="#">MGI:104735</a> )
Description of Targeting Vector	Not available
Targeting Vector Genbank File	<a href="#">pRosa26.LCA.gb</a>
<b>Recombinase-Mediated Cassette Exchange Stage</b>	
Type of Allele:	Gene Replacement
Exchanged Cassette Gene	Not provided. (R26-228-IBRE4-TA-Cerulean)
Exchanged Cassette Allele Name	Rosa26 <sup>R26-228-IBRE4-TA-Cerulean</sup>
Description of Exchange Vector	not available
Exchange Vector Genbank File:	<a href="#">pr26228ibre4tacerulean.gb</a>
Citations	Not Available

**Associated Images**

No associated images have been supplied

**Repositories**

<b>Magnuson Lab</b>	
	<b>Stock #:</b> <i>Not provided</i> <b>Availability Notes:</b> <i>Not provided</i>


**Contact Information**

<b>Preferred Contact</b>	
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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**

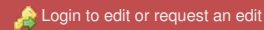
embryonic, es, esc, Rosa26<sup>LCA</sup> clone 5B9, Rosa26<sup>R26-228-IBRE4-TA-Cerulean</sup>, Sassy  
CBP, stem





**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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