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**Rosa26<sup>R26-60-IBRE4-TA-Cerulean</sup> - ES Cell Line RES2001****ESC Line Information**

Cell Line Name:	Rosa26 <sup>R26-60-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 -60 to +81 were replaced by a BMP response element (IBRE4) fused to a TATA-Cerulean (CFP) reporter.

**Genetic Alterations****1) RMCE Targeted Mutagenesis**

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. (R26-60-IBRE4-TA-Cerulean)
Exchanged Cassette Allele Name	Rosa26 <sup>R26-60-IBRE4-TA-Cerulean</sup>
Description of Exchange Vector	not available
Exchange Vector Genbank File:	<a href="#">pr2660ibre4tacerulean.gb</a>
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*

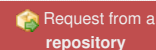
**Comments**

*There are no comments for this entry.*

**Access Status**

 This resource is publicly viewable.

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Primary contributor: [Palle Serup](#)

**Resource Tags**

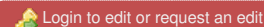
embryonic, es, esc, Rosa26<sup>LCA</sup> clone 5B9, Rosa26<sup>R26-60-IBRE4-TA-Cerulean</sup>, Sassy CBP, stem





**Resource History & Actions**

Approved on Sep 08, 2009  
Last modified on Sep 22, 2010




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