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Hama Canamiaa Nawa 8			
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y Account	Rosa26 ^{Apple.bGsplicepA}	A.Neo - ES Cell Line RES4018	
ogin	ESC Line Information	Access Status	
eate Account	Cell Line Name:	Rosa26 ^{Apple.bGsplicepA.Neo}	
esources	Parental Cell Line:	TI -1	
iew All (813)	Parlimented Charing	100	Request this Resource
denoviruses (137)	Background Strain:	123	
ntibodies (175)	Culturing Protocol:	Std mESC Culture.doc	Request from a repository
oimages (67)	Description:	To better quantify protein expression levels via	
enomics Studies (145)		analysis this cell line contains a 4kb R26 promoter	Primary contributor: Magnuson Lab Co-contributed by:
ESC Lines (68)		element, Apple (a red fluorescent protein) with an upstream enhancer element, a splicing beta-globin	BCBC Mouse / ES Cell Core
ouse Strains (120)		polyA tail and the neomycin gene as a selection	
scellaneous (46)		agent. Through Recombinase-Mediated Cassette Exchange this construct was inserted into the	
otocols (55)		Rosa26 locus.	nesource rays
esearch Data (4)			embryonic, es, esc, Rosa26 ^{Apple.bGsplicepA.Neo} , stem, TL-1
esource Tags (389)	Osmatila Altamati		Login to edit tags
sualization (9)	Genetic Alterations		
esearch & Cores	1) RMCE Targeted Mutagenesis		Read more about tags
ore Facilities (5)	Type of Allele	Cassette Acceptor	Resource History & Action
esearch Highlights (5)	Targeted Gene	gene trap ROSA 26, Philippe Soriano (Gt/ROSA)26Sor - NCBI GeneID:14910)	Assessed as May 05, 0044
esearch Networks	Townshed Allele		Last modified on Dec 21, 2011
esearch Objectives	Targeted Allele	targeted mutation 1 (Rosa26 ⁴¹¹⁽²⁰¹⁹⁾ - <u>MG1:104735</u>)	
	Description of Targeting Vector	Not available	
Iformation			Deleted recourses
bout the BCBC	Targeting Vector Genbank File	pRosa26.LCA.gb	Related resources
CBC Events	Recombinase-Mediated Cassette Exchange Stage		BCBC
randing & Logos	Type of Allele:	Gene Beplacement	No matching resources
areer Opportunities		Net provided	Other Consortia
	Exchanged Cassette Gene		No matching resources
	Exchanged Cassette Allele Name	Rosa26 ^{EN.Apple.bGspliceA.neo}	Data courtesy of dkCOIN. Only public
lombor Publications	Description of Exchange Vector	A 4kb R26 promoter element, Apple (a red	resources are displayed.
Research Programs		fluorescent protein) with an upstream enhancer	
		neomycin gene as a selection agent.	
ionibor Directory	Exchange Vector Genbank File:	pRosa.EN.Apple.bGsplicepA.neo.gb	
itorials		Not Available	



beta-globin gene) upstream of the RFP start codon. A portion of the rabbit beta globin gene containing exons 2 and 3 was used to provide 3'UTR of the resulting mRNA. A neomycin resistance cassette is flanked

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