

ConstructQC vector_qc1 esmp_ha
 HTGTDB eucomm_vector esmp_ha

\$Id: header.tt 6045 2011-09-23 14:43:26Z rm7 \$

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Gene Report

Rab18 MGI:102790 ENSMUSG00000073639

Program: EUCOMM Pipeline Progress: ES Cells - Targeting Confirmed Publicly Reported: Public

[Duplicate Project](#)

Pipeline Stage: Pre-pipeline Designs Vectors ES Cells Mice

[Reset gene to redesign](#)

[ES Cells - Targeting Confirmed](#)

Recovery

Note that the recovery status is for the **gene**, not necessarily for this project.

Date	Status	Note
2011-05-13	In alternate clone recovery	acr wells with DNA pass
2011-04-25	In alternate clone recovery	DNA QC pending
2011-04-02	In alternate clone recovery	sequencing QC pending
2010-09-23	In gateway recovery	found no suitable targvecs for alt clone recovery, valid loxP and cassette primer, gwr QC pending
2010-06-16	Candidate for gateway recovery	found no suitable targvecs for alt clone recovery, valid loxP and cassette primer

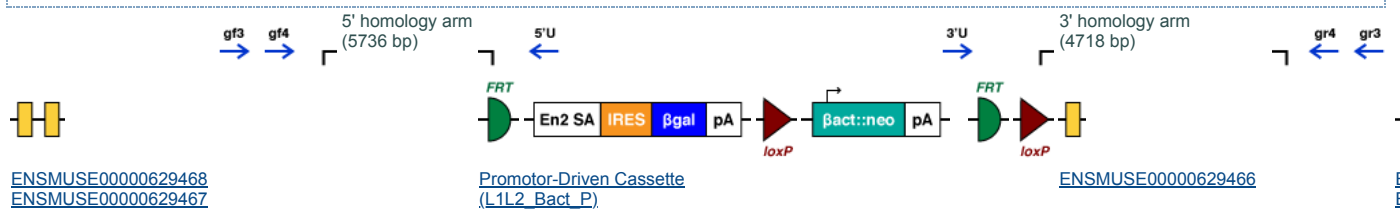
Design Tools

ES Cell Clones

Order Gene Targeting Vector # Colonies Screened # Targeted Non-conditional Clones

[Rab18](#) [HTGR03017_Z_7_C08](#) 65 1 [GenBank File](#)

ES Cell Clones Without Conditional Potential



[ENSMUSE00000629468](#)
[ENSMUSE00000629467](#)

[Promotor-Driven Cassette \(L1L2_Bact_P\)](#)

[ENSMUSE00000629466](#)

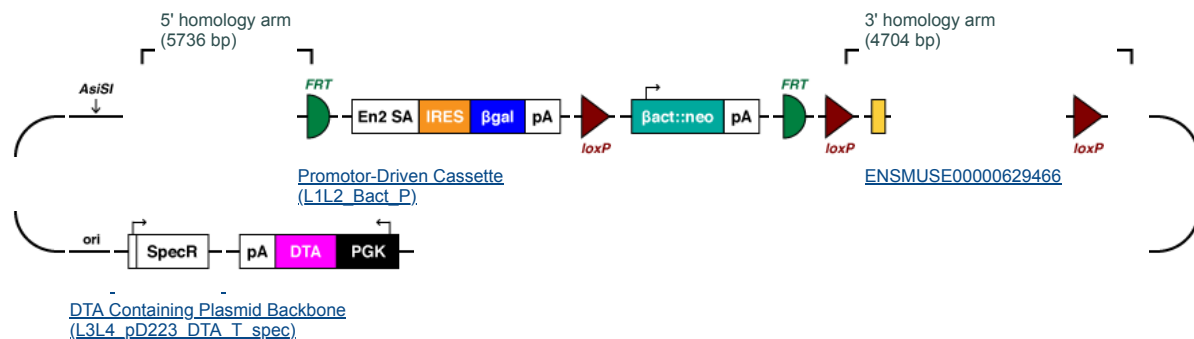
Note: Mutations of type "Targeted Non-conditional" are correctly targeted clones that have lost the 3' loxP site. These mutations cannot be converted into conditional alleles.

LR PCR Genotyping Primers

- 5' Gene Specific (GF3) CTTAGTGACTGTTCTCAAGGCCAATCCATG
- 5' Gene Specific (GF4) GTTCTCAAGGCCAATCCATGCTGTGGCACG
- 5' Universal (LAR3) CACAACGGGTTCTTCTGTTAGTCC
- 3' Universal (RAF5) CACACCTCCCCCTGAACCTGAAAC
- 3' Universal (PNF) ATCCGGGGGTACCGCTCGAG
- 3' Universal (R2R) TCTATAGTCGCAGTAGGCGG
- 3' Gene Specific (GR3) GAGTTAATGTTCTGAACCTCTCTTGACCAG
- 3' Gene Specific (GR4) GTTAATGTTCTGAACCTCTCTTGACCAG

Targeting Vector

Order	Gene	Design ID	Vector Type	After Flip/Cre	Targeting Vector	Vector Strain	Floxed Exon	Cassette	Backbone	Genbank File
1	Rab18	80910 (98_H07)	Knockout First	Frameshift	HTGR03017_Z_7_C08	C57Bl/6J	ENSMUSE00000629466	L1L2_Bact_P	L3L4_pD223_DTA_T_spec	view



[DTA Containing Plasmid Backbone \(L3L4_pD223_DTA_T_spec\)](#)

Intermediate Vector

Order	Gene	Design ID	Vector Type	Intermediate Vector	Vector Strain	Floxed Exon	Genbank File
1	Rab18	80910 (98_H07)	Knockout First	PCS03017_A_G11	C57Bl/6J	ENSMUSE00000629466	view

Toolbox

[Short Range Primer Tool](#)

Useful Information

- Links:
 - [EUCOMM](#)
 - [EUCOMM repository](#)
 - [WTSI Mouse Resources Portal](#)

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