

H11-CAG-RSR-EYFP

Nomenclature	C57BL/6Smoc- <i>Igs2</i> ^{em1(CAG-RSR-EYFP)Smoc}
Cat. NO.	NM-KI-18056
Strain State	Repository Live

Gene Summary

Gene Symbol	Synonyms	H11, Hipp11, Iis2
	NCBI ID	Null
	MGI ID	5461148
	Ensembl ID	Null

Model Description

A CAG-ROX-STOP-ROX-EYFP-V5tag-polyA conditional expression cassette was knocked into the *Igs2* locus (Hipp11 or H11; an intergenic region on chromosome 11 [cytoband A1 at ~3cM between the *Eif4enif1* and *Drg1* loci] reported to support high-level global gene expression in conjunction with the CAG (CAGGS) promoter and a higher rate of mitotic/interchromosomal recombination compared to Gt(ROSA)26Sor). This strain of mice can be used to mate with mice expressing the Dre recombinase. After exposure to Dre recombinase, expression of yellow fluorescent protein and V5 tag is observed for cell tracking.

Research Application: Cell tracing

*Literature published using this strain should indicate: H11-CAG-RSR-EYFP mice (Cat. NO. NM-KI-18056) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

No data