

H11-CAG-LSL-mtagBFP2

Nomenclature	C57BL/6Smoc- <i>lgs2</i> ^{em1(CAG-LSL-mTagBFP2)Smoc}
Cat. NO.	NM-KI-190006
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-LSL-mTagBFP2-3xFLAG-WPRE-polyA cassette was inserted at the mouse H11 locus. When bred to a strain expressing Cre recombinase under control of various tissue specific promoters, Cre recombination deletes the LSL cassette and allows the expression of the mTagBFP2-3xFLAG protein.

Research Application: Fluorescent reporter Mice

*Literature published using this strain should indicate: H11-CAG-LSL-mtagBFP2 mice (Cat. NO. NM-KI-190006) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

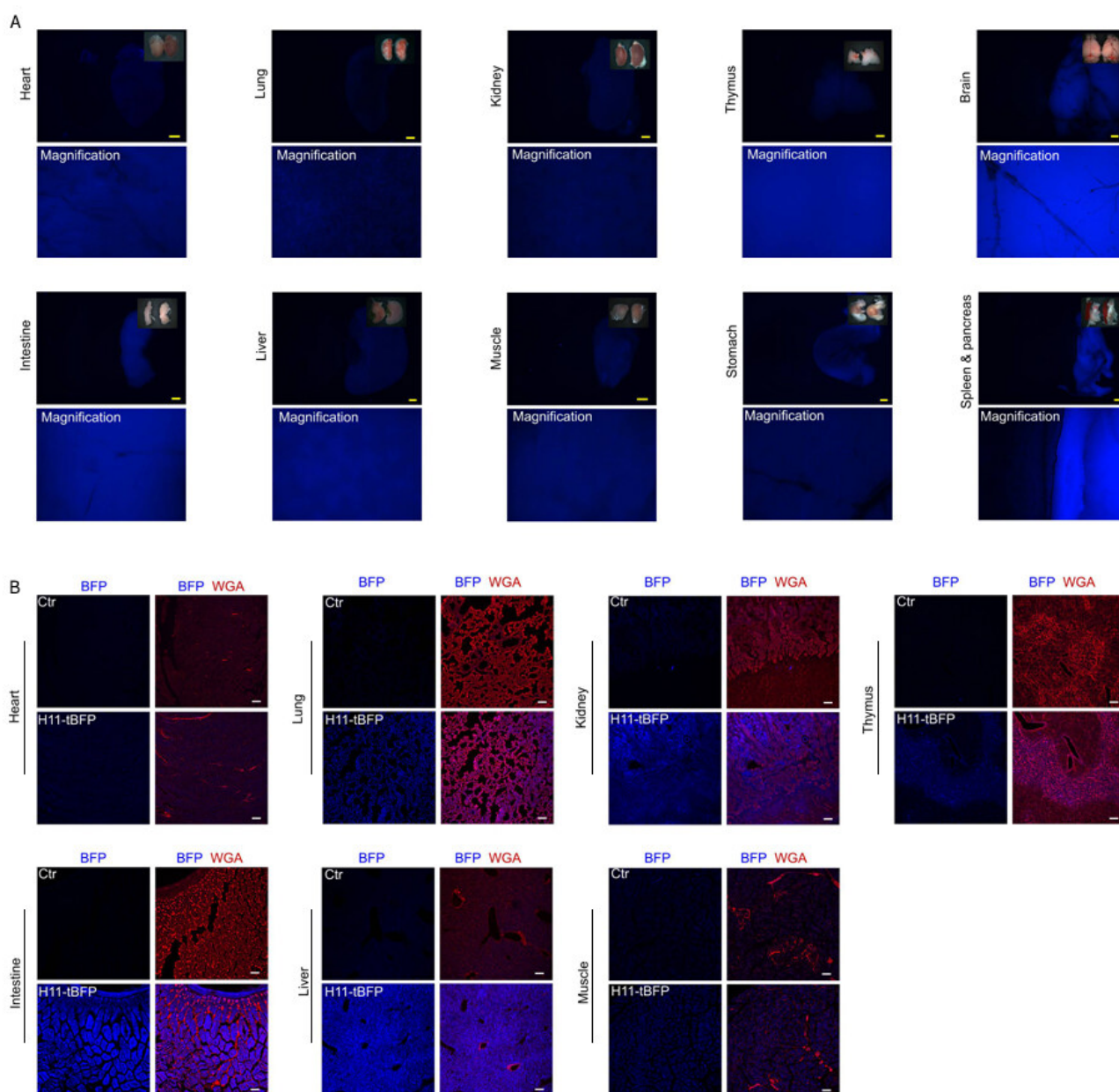


Fig1. BFP expression in CAG-mTagBFP2/+ mouse, visualized using fluorescence imaging.

CAG-mTagBFP2/+ mouse was achieved through crossing CAG-LSL-mTagBFP2/+ mouse and Cre-expressing mouse. BFP expression in different organs of CAG-mTagBFP2/+ mouse was detected using fluorescence imaging, which suggests relatively high expression of BFP in a variety of organs. **A:** Images of different organs of CAG-mTagBFP2/+ mouse; **B:** Images of histologic sections of CAG-mTagBFP2/+ mouse under confocal microscopy.