

Tmem119-2A-tdTomato

Nomenclature	C57BL/6Smoc- <i>Tmem119</i> ^{em3(P2A-tdTomato)Smoc}
Cat. NO.	NM-KI-200236
Strain State	Developing

Gene Summary

Gene Symbol Tmem119	Synonyms	obif; AW208946; BC025600
	NCBI ID	231633
	MGI ID	2385228
	Ensembl ID	ENSMUSG00000054675
	Human Ortholog	TMEM119

Model Description

A P2A-tdTomato expression cassette was knocked into the Tmem119 gene stop codon site.

Research Application: Fluorescence Tracer Mice

*Literature published using this strain should indicate: Tmem119-2A-tdTomato mice (Cat. NO. NM-KI-200236) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

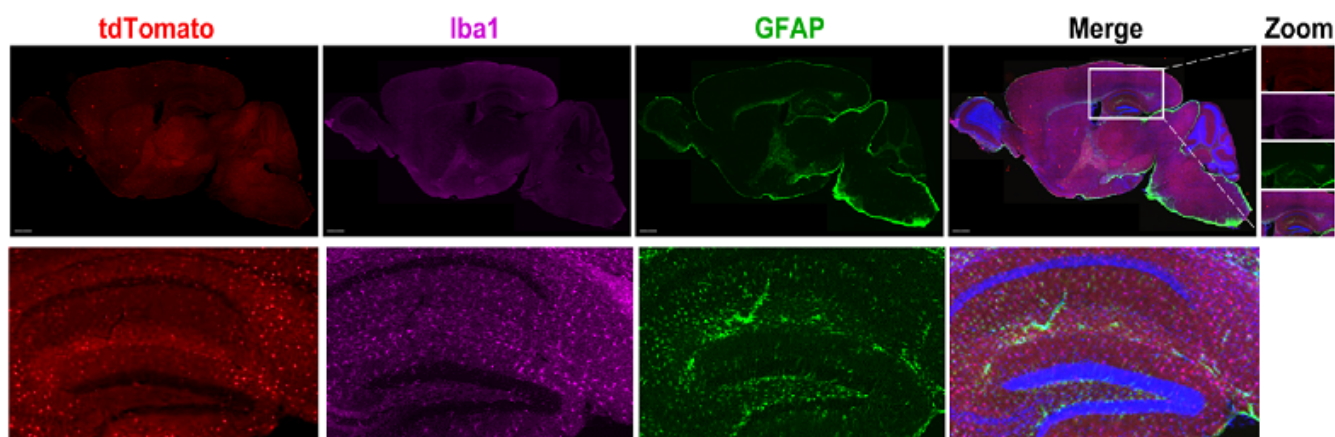


Fig.1 Detection of tdTomato (red) in the brain of Tmem119tdTomato/+ mice.

TdTomato+ cells (red) were colocalized with microglia/macrophage marker Iba1+ cells (purple),

but not astrocyte marker GFAP+ (green) cells in the brain of Tmem119tdTomato/+ mice by immunofluorescence staining.
