

# R26-CAG-LSL-GiDREADD(hM4Di)-2A-mCitrine

<b>Nomenclature</b>	C57BL/6Smoc- <i>Gt(ROSA)26Sor</i> <sup>em1(CAG-LSL-HA-GiDREADD(hM4Di)-2A-mCitrine-WPRE-pA)Smoc</sup>
<b>Cat. NO.</b>	NM-KI-190093
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> <b>Gt(ROSA)26Sor</b>	<b>Synonyms</b>	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	<b>NCBI ID</b>	<a href="#">14910</a>
	<b>MGI ID</b>	<a href="#">104735</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000086429</a>

## Model Description

These mice harbor a CAG-LSL-HA-GiDREADD(hM4Di)-2A-mCitrine-WPRE-pA cassette in the Rosa26 locus generated by homologous recombination.

**Research Application:** Chemical Genetics studies. The inhibitory GiDREADD(hM4Di) could silence the activity of neurons following administration of CNO.

\*Literature published using this strain should indicate: R26-CAG-LSL-GiDREADD(hM4Di)-2A-mCitrine mice (Cat. NO. NM-KI-190093) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

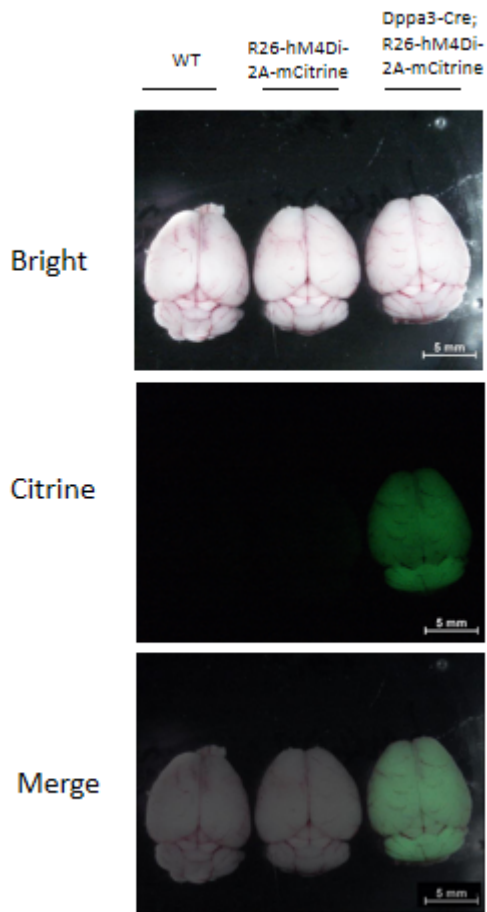


Fig1. Expression Pattern of Citrine in the brain of  $Dppa3-Cre^{+/-};R26-hM4Di-2A-mCitrine^{+/-}$  mice.