

## GCaMP6 expression at the level of brain regions

Line	Olfactory bulb	M1	Piriform area	Amygdala	S1	Hippo-campus	Thala-mus	Hypo-thalamus V1	Cere-bellum	Mid- brain	Pons	Medulla	
GP4.3	+	++	+	+	++	+++	+	–	++	–	+	+	+
GP4.12	++	+++	++	+++	+++	+++	+	+	++	–	+	+	–
GP5.5	++	++	+	++	++	+++	+	+	++	–	–	+	–
GP5.11	++	++	+	+	++	++	+	+	++	+	–	+	–
GP5.17	++	+++	+	+++	+++	+++	+	+	+++	–	+	++	+

GCaMP6 brightness was scored based on widefield microscope images of coronal sections. Note: no effort was made to separate axonal projections and somato-dendritic signal. Legend: – no signal, + weak signal, ++ moderate signal, +++ strong signal. See Data S1 for raw images.

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JAX Stock No	Strain Name
<a href="#">024275</a>	C57BL/6J-Tg(Thy1-GCaMP6s)GP4.3Dkim/J
<a href="#">025776</a>	C57BL/6J-Tg(Thy1-GCaMP6s)GP4.12Dkim/J
<a href="#">024276</a>	C57BL/6J-Tg(Thy1-GCaMP6f)GP5.5Dkim/J
<a href="#">024339</a>	C57BL/6J-Tg(Thy1-GCaMP6f)GP5.11Dkim/J
<a href="#">025393</a>	C57BL/6J-Tg(Thy1-GCaMP6f)GP5.17Dkim/J

### Extracted from Table 1 of:

[Thy1-GCaMP6 Transgenic Mice for Neuronal Population Imaging In Vivo.](#)

Dana H, Chen TW, Hu A, Shields BC, Guo C, Looger LL, Kim DS, Svoboda K.

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