

## Vglut2-cre PCR

PCR was carried out using the following primers:

Prim; Vglut2-cre/1: 5'-ttg cat cgc att gtc tga gta g-3'

Prim; Vglut2-cre/2: 5'-ttc cca cac aag ata cag act cc-3'.

PCR-mix:

10xbuffer	3.0 µl
MgCl <sub>2</sub>	1.8 µl
dNTP (25 mM)	0.24 µl
Vglut2-cre/1 (100 µM)	0.2 µl
Vglut2-cre/2 (100 µM)	0.2 µl
AmpliTaq Gold	0.2 µl
DNA	2.0 µl
ddH <sub>2</sub> O	22.51 µl

The amplification was performed according to:

95°C for 5 min

94°C for 45 sec, 35 cycles

53°C for 45 sec

72°C for 90 sec

72°C for 10 min

Expected band: 850 bp