

Supplementary Material

Selective disruption of perineuronal nets in mice lacking Crtl1 is sufficient to make fear memories susceptible to erasure

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Andrea Poli¹§, Aurelia Viglione¹§, Raffaele Mazziotti², Silvia Morea³, Riccardo Melani⁴, Davide Silingardi⁵, Elena Putignano³, Nicoletta Berardi^{3,5} and Tommaso Pizzorusso^{1,3,*}

1. *BIO@SNS Lab, Scuola Normale Superiore via G. Moruzzi 1, 56124 Pisa, Italy*

2. *Department of Developmental Neuroscience, IRCCS Stella Maris Foundation, 56128 Pisa, Italy*

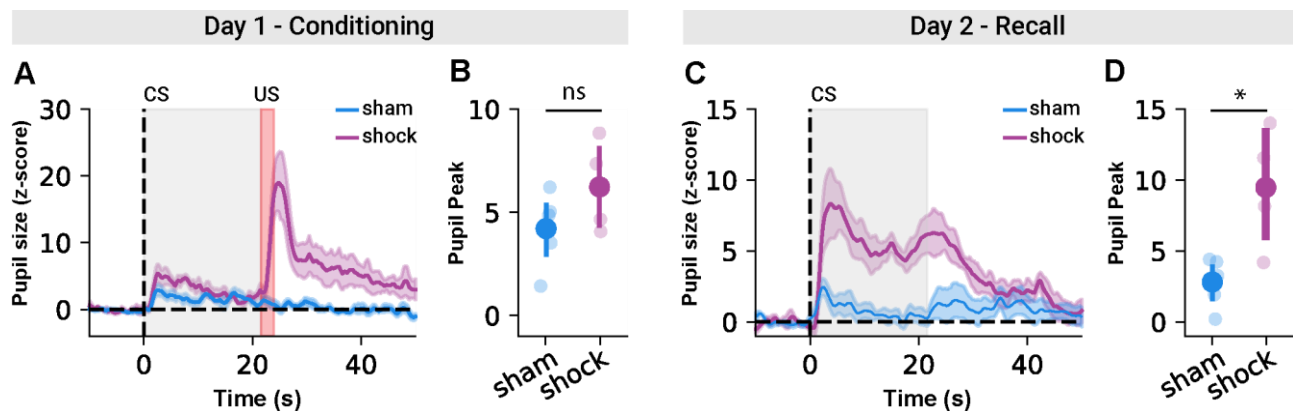
3. *Institute of Neuroscience, National Research Council, Via Moruzzi, 1 56124 Pisa, Italy*

4. *Neuroscience Institute, New York University Grossman School of Medicine, New York, NY 10016, USA*

5. *Department of Neuroscience, Psychology, Drug Research, and Child Health NEUROFARBA, University of Florence, 50134 Florence, Italy*

* *Corresponding author: Tommaso Pizzorusso, Istituto Neuroscienze CNR and BIO@SNS lab, Scuola Normale Superiore via G. Moruzzi 1, 56124 Pisa, Italy, tel +390503153167, Fax +390503153220, e-mail: tommaso.pizzorusso@sns.it*

§ *These authors contributed equally to this work*



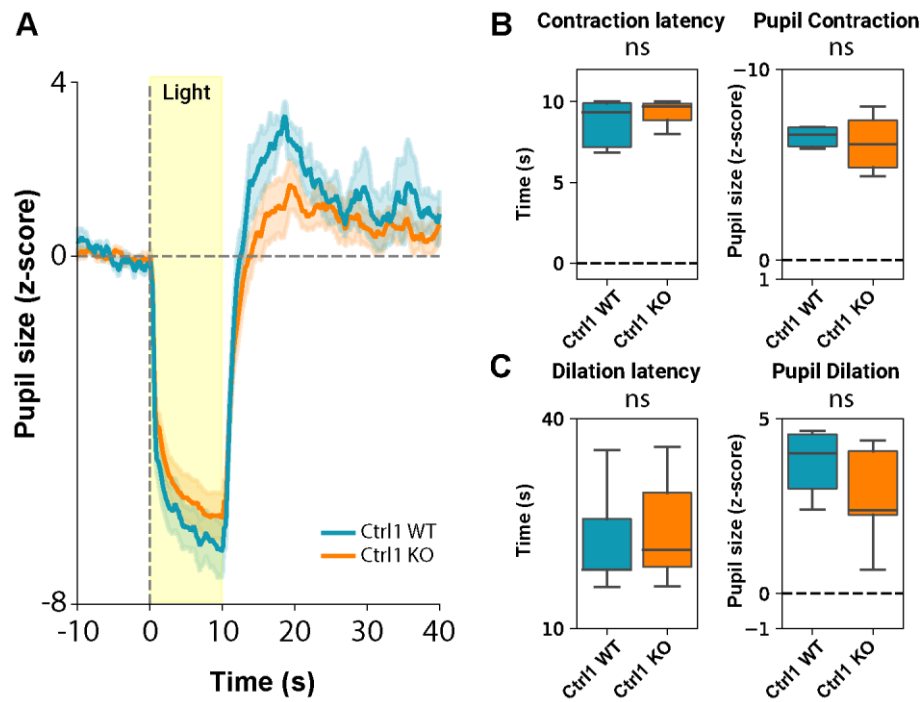


Figure S2: Pupillary Light Reflex in Ctrl1-WT and Ctrl1-KO mice. **[A]** Average fluctuation of pupil size during the presentation of the light flashes in Ctrl1-WT and Ctrl1-KO mice. Shaded area represents the presentation of the high luminance stimulus. Vertical dashed lines represent the onset of the visual stimulus. **[B]** On the left, the average contraction latency during the presentation of the light flashes. On the right, the average pupil size during contraction. For both the measures we found no significant differences between genotypes (contraction latency: Unpaired T-test $p=0.404$, pupil contraction: Unpaired T-test $p=0.359$). **[C]** On the left, the average re-dilation latency at the end of the light flashes. On the right, the average pupil size during re-dilation. For both the measures we found no significant differences between genotypes (contraction latency: Unpaired T-test $p=0.759$, pupil contraction: Unpaired T-test $p=0.177$). $n = 10$ Ctrl1-KO, $n = 11$ Ctrl1-WT. ns= not significant.