

SCIENTIFIC REPORTS

**OPEN**

Publisher Correction: PAFAH1B1 haploinsufficiency disrupts GABA neurons and synaptic E/I balance in the dentate gyrus

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Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-017-08809-x>, published online 15 August 2017

This Article contains an error in the order of the Figures. Figures 2 and 3 were published as Figures 3, and 2 respectively. The correct Figures 2 and 3 appear below as Figures 1 and 2 respectively. The Figure legends are correct.

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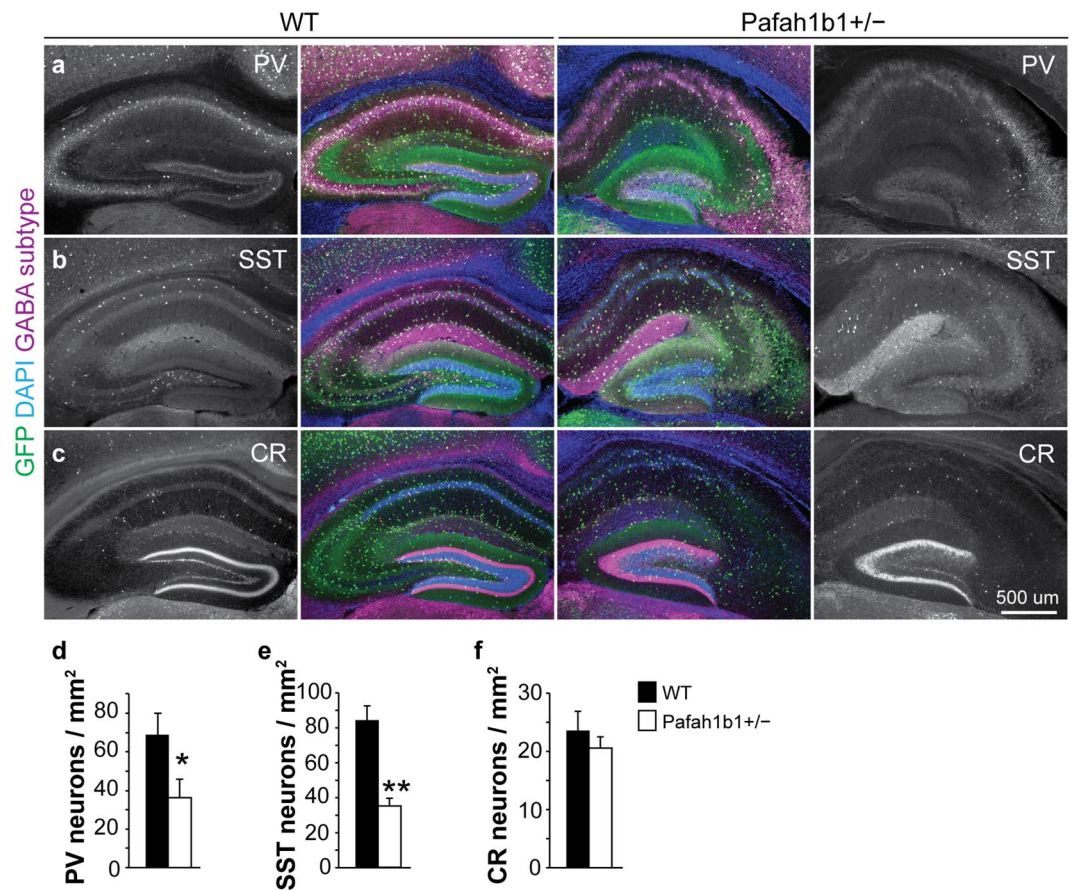


Figure 1. Fewer PV+ and SST+, but not CR+, GABAergic interneurons in Pafah1b1+/- dentate gyrus. (a) Immunostaining for GAD67-GFP (green), PV (magenta) and DAPI (blue) in wild-type and Pafah1b1+/- mice at P30. (b) Immunostaining for GAD67-GFP (green), SST (magenta) and DAPI (blue) in wild-type and Pafah1b1+/- mice at P30. (c) Immunostaining for GAD67-GFP (green), CR (magenta) and DAPI (blue) in wild-type and Pafah1b1+/- mice at P30. (d-f) Quantification of PV- (d), SST- (e) and CR-expressing (f) GABA neurons in dentate gyrus of wild-type and Pafah1b1+/- mice at P30 (n = 4 for each genotype). Error bars represent s.e.m., *p < 0.05, **p < 0.01.

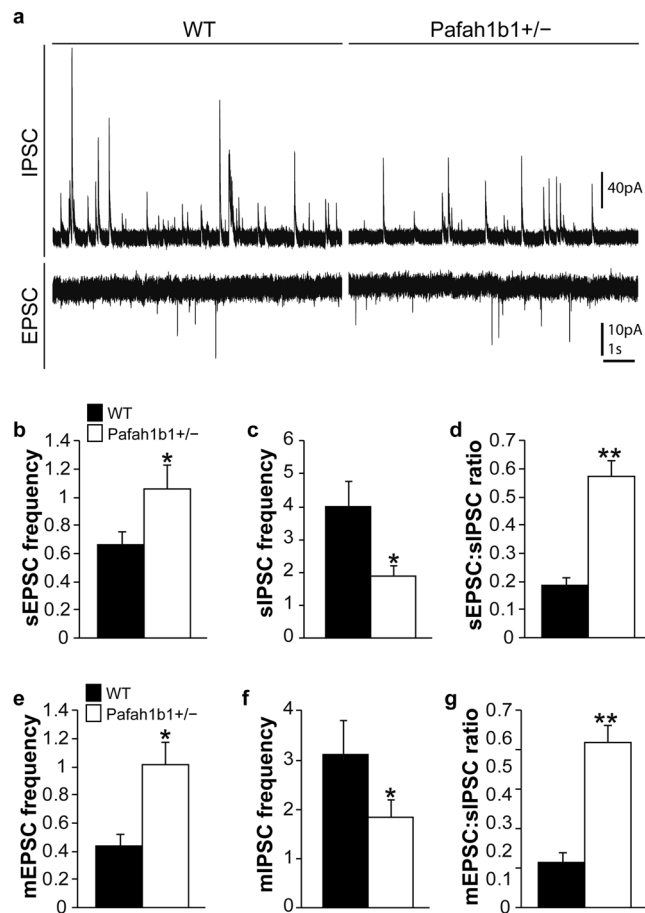


Figure 2. Dramatic change in synaptic inhibition and excitation in dentate granule cells of Pafah1b1+/- mice. (a) Example voltage-clamp recordings of sIPSCs and sEPSCs recorded from granule cells in slices of a wild-type control and Pafah1b1 mutant. (b–d) Average sEPSC frequency (b), sIPSC frequency (c) and sEPSC:sIPSC ratio (d) in granule cells of wild-type and Pafah1b1+/- mice. (e–g) Average mEPSC frequency (e), mIPSC frequency (f) and mEPSC:sIPSC ratio (g) in granule cells of wild-type and Pafah1b1+/- mice. Error bars represent s.e.m., *p < 0.05, **p < 0.01.



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