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Correction: Role of the YWHAG gene mutations in developmental and epileptic encephalopathy

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KEYWORDS

YWHAG mutation, 14-3-3 γ protein, developmental and epileptic encephalopathy, epilepsy, seizure, neuronal hyperexcitability, DEE, 14-3-3 protein family

A Correction on

Role of the YWHAG gene mutations in developmental and epileptic encephalopathy

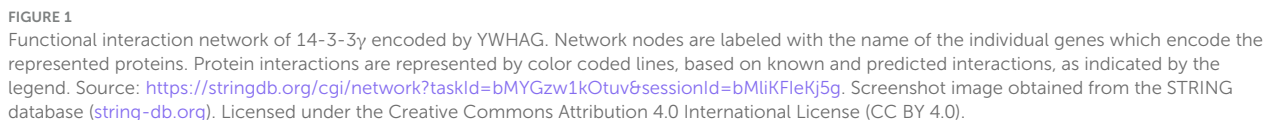
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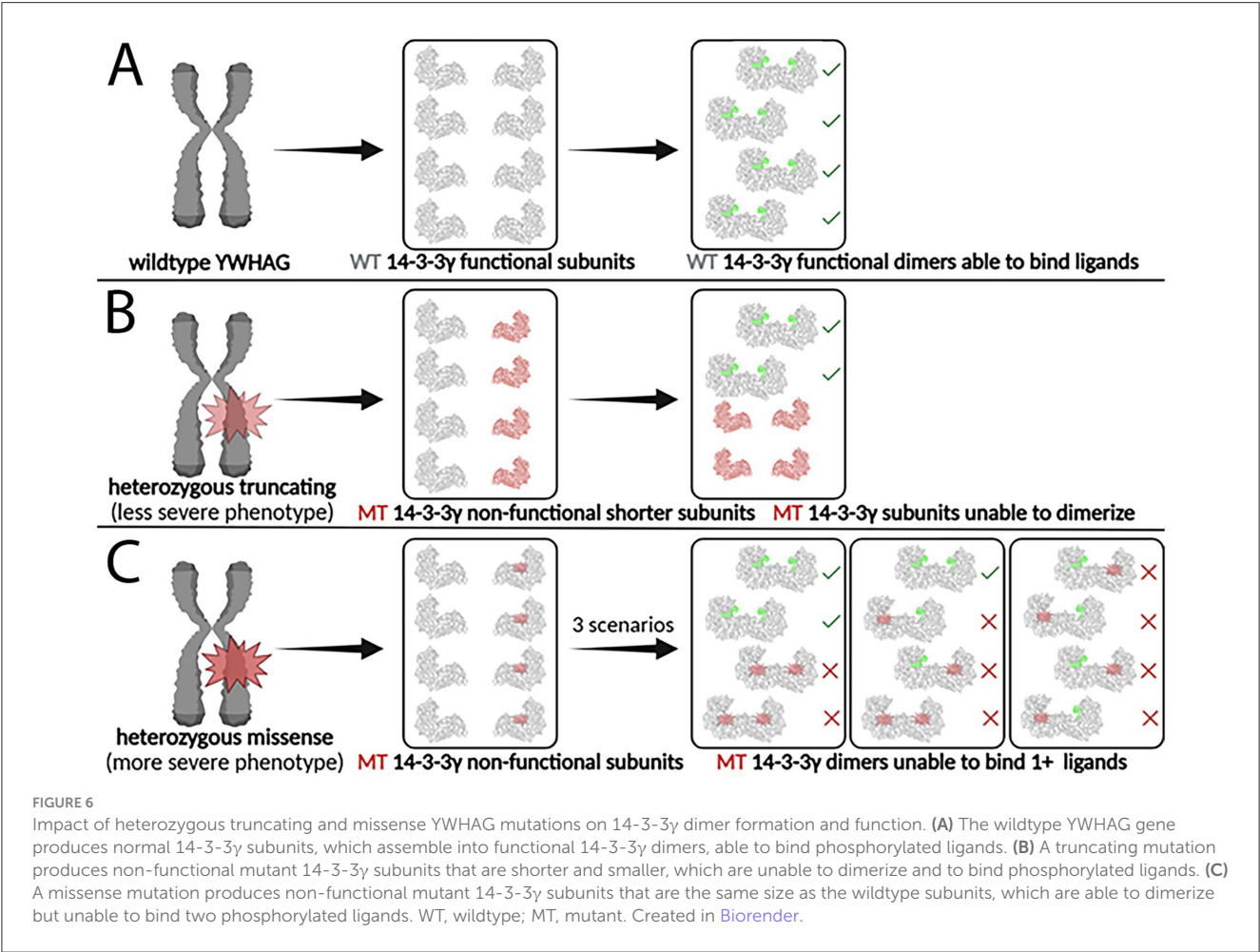
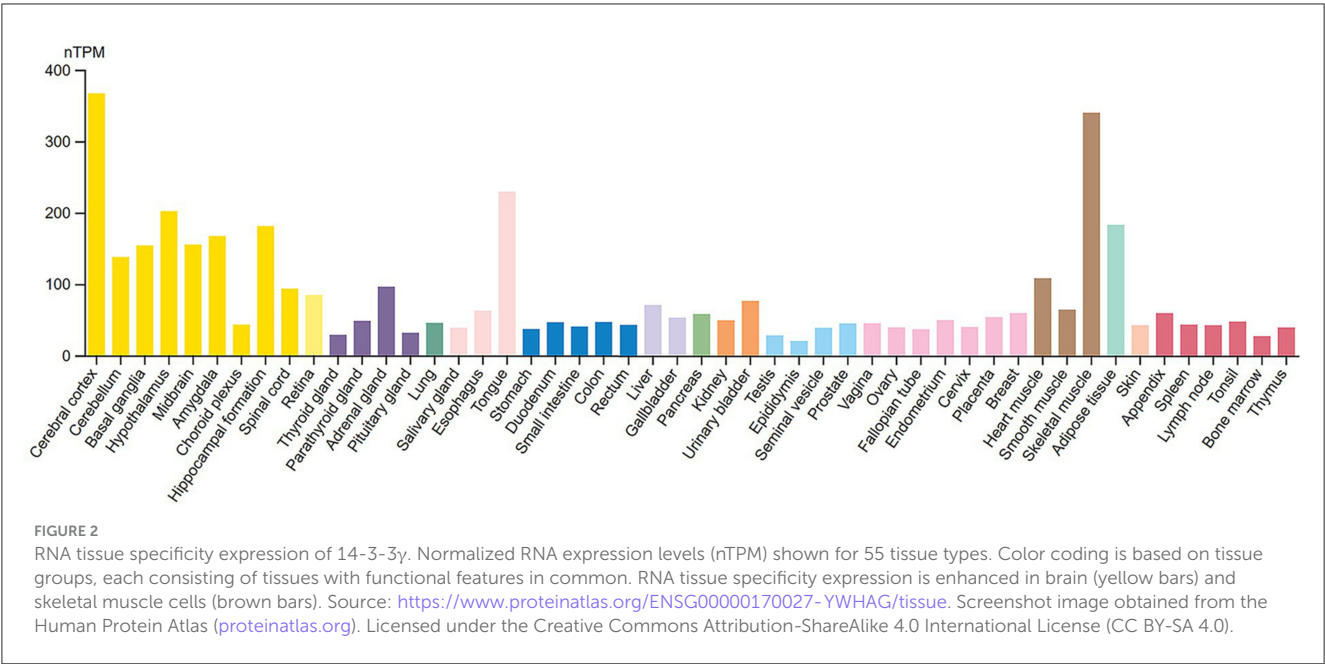
There was a mistake in the caption of [Figure 6](#) as published. There was a mistake at the end of the [Figure 6](#) legend, stating the source of the [Figure 6](#). The statement “Source: Logue et al. (2024)” is incorrect, and must be replaced with “Created in [Biorender](#)”. The corrected caption of [Figure 6](#) appears below.

There was a mistake in the caption of [Figure 7](#) as published. There was a mistake at the end of the [Figure 7](#) legend, stating how [Figure 7](#) was created. The statement “Created in [Biorender](#)” is incorrect, and must be removed. [Figure 7](#) was not created in [Biorender](#), it was a reference figure taken from Logue et al. (2024). The corrected caption of [Figure 7](#) appears below.

The figures 1 and 2 were in the wrong order, and the figures 6 and 7 were in the wrong order. The images of [Figure 1](#) and [Figure 2](#) are incorrect and must be switched with each other; the figure captions and legends are correct as published. The images of [Figures 6](#) and [7](#) are incorrect and must be switched with each other. The figure order has now been corrected.

The original version of this article has been updated.





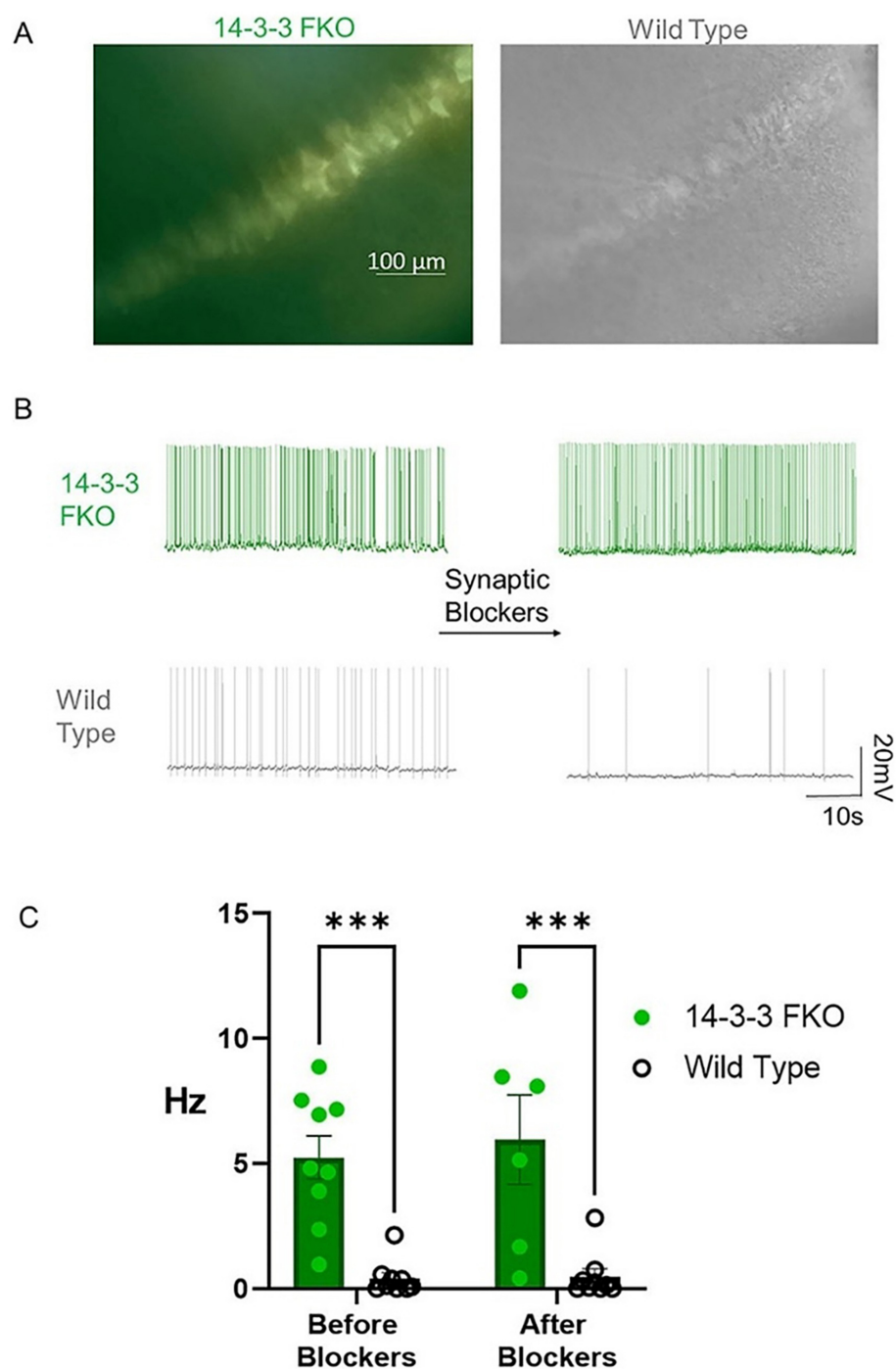


FIGURE 7

14-3-3 FKO hippocampal CA1 neurons fire more APs than WT neurons in the presence and absence of synaptic blockers. **(A)** Hippocampal slice images captured using phase contrast and fluorescence microscopy show 14-3-3 FKO neurons (left) identified by their YFP fluorescence, indicating difopein expression. **(B)** Traces of spontaneous AP firing in 14-3-3 FKO and WT neurons under whole-cell configuration, before and after synaptic blocker application. **(C)** Group data showing a higher AP firing rate for 14-3-3 FKO cells ($n = 9$ before blockers, 6 after blockers) than WT cells ($n = 9$ before blockers, 8 after blockers). AP, action potential; FKO, functional knockout; WT, wildtype; CA1, one of four hippocampal subfields that make up hippocampus structure. Source: Figure 1 from Logue et al. (2024).