

Figure S1_1A

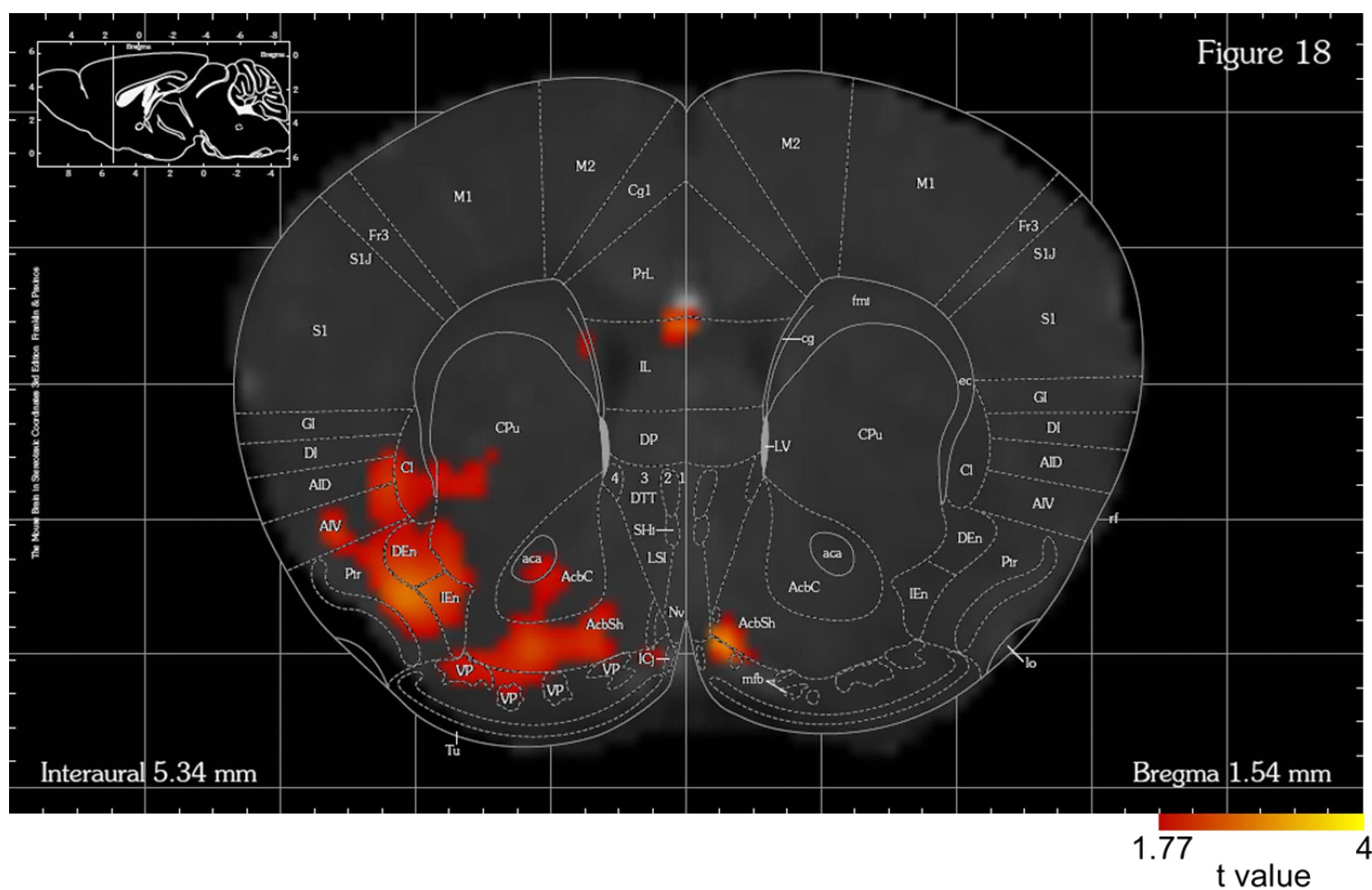


Figure S1_1B

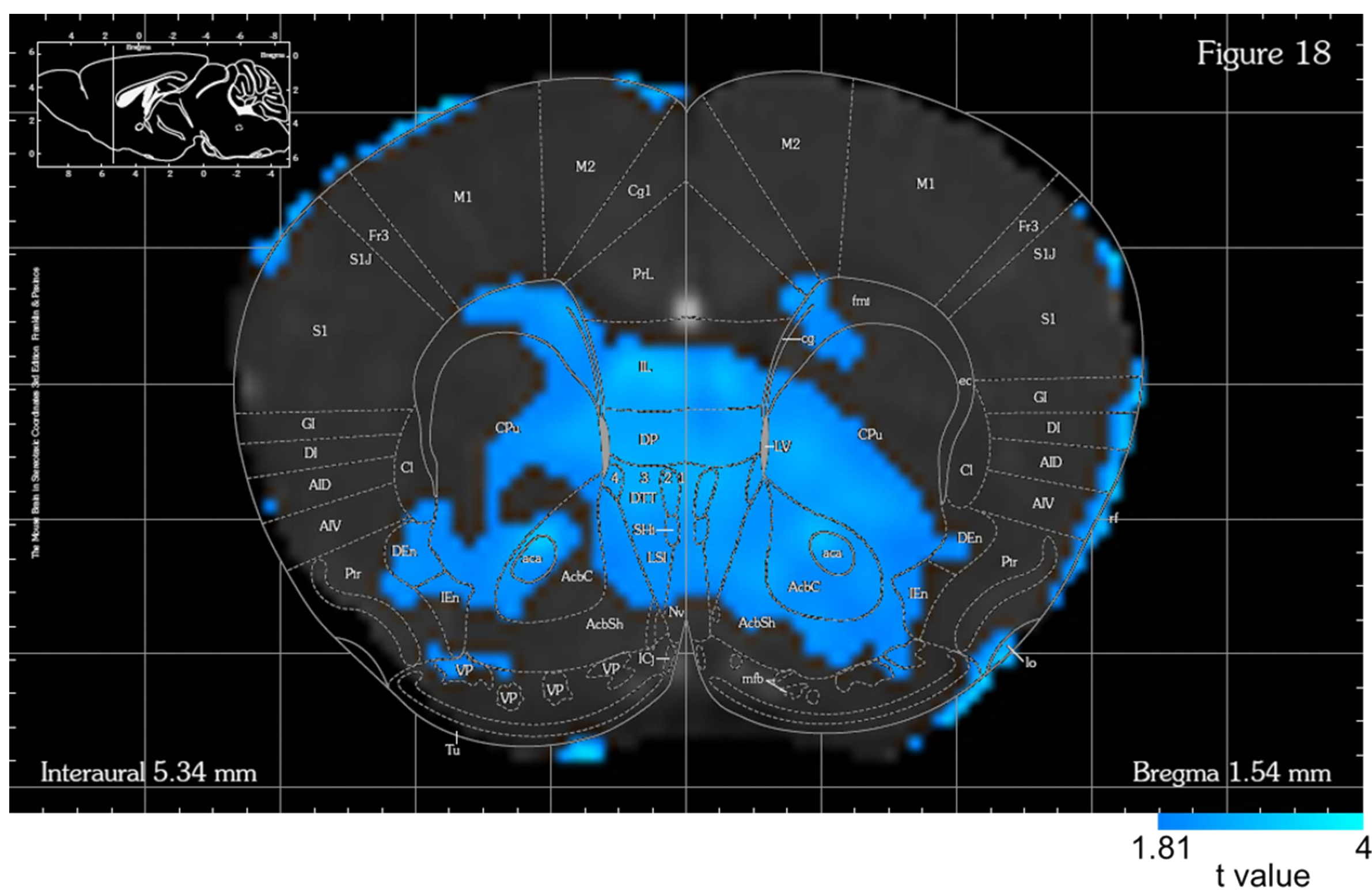


Figure S1_2A

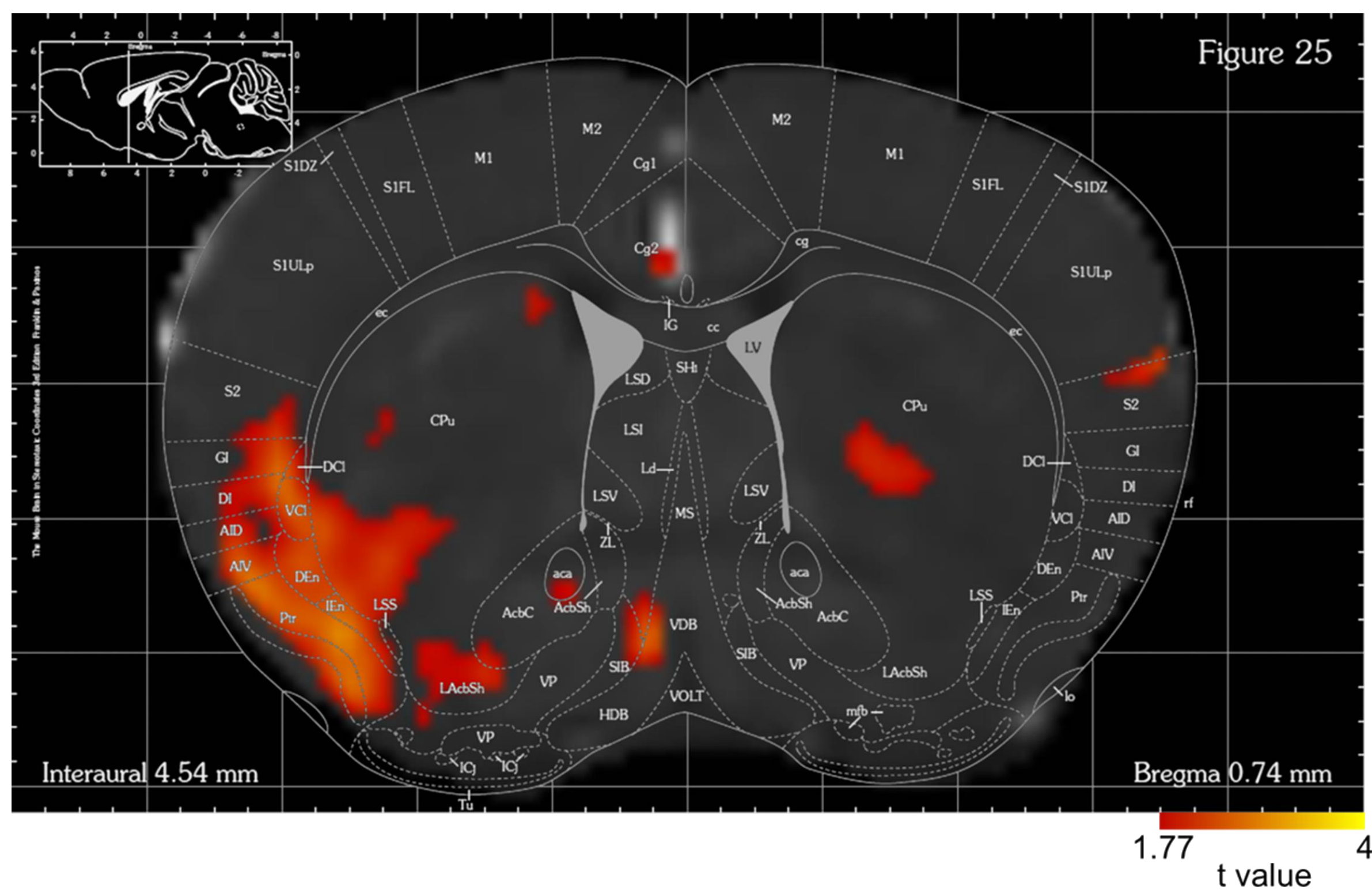


Figure S1_2B

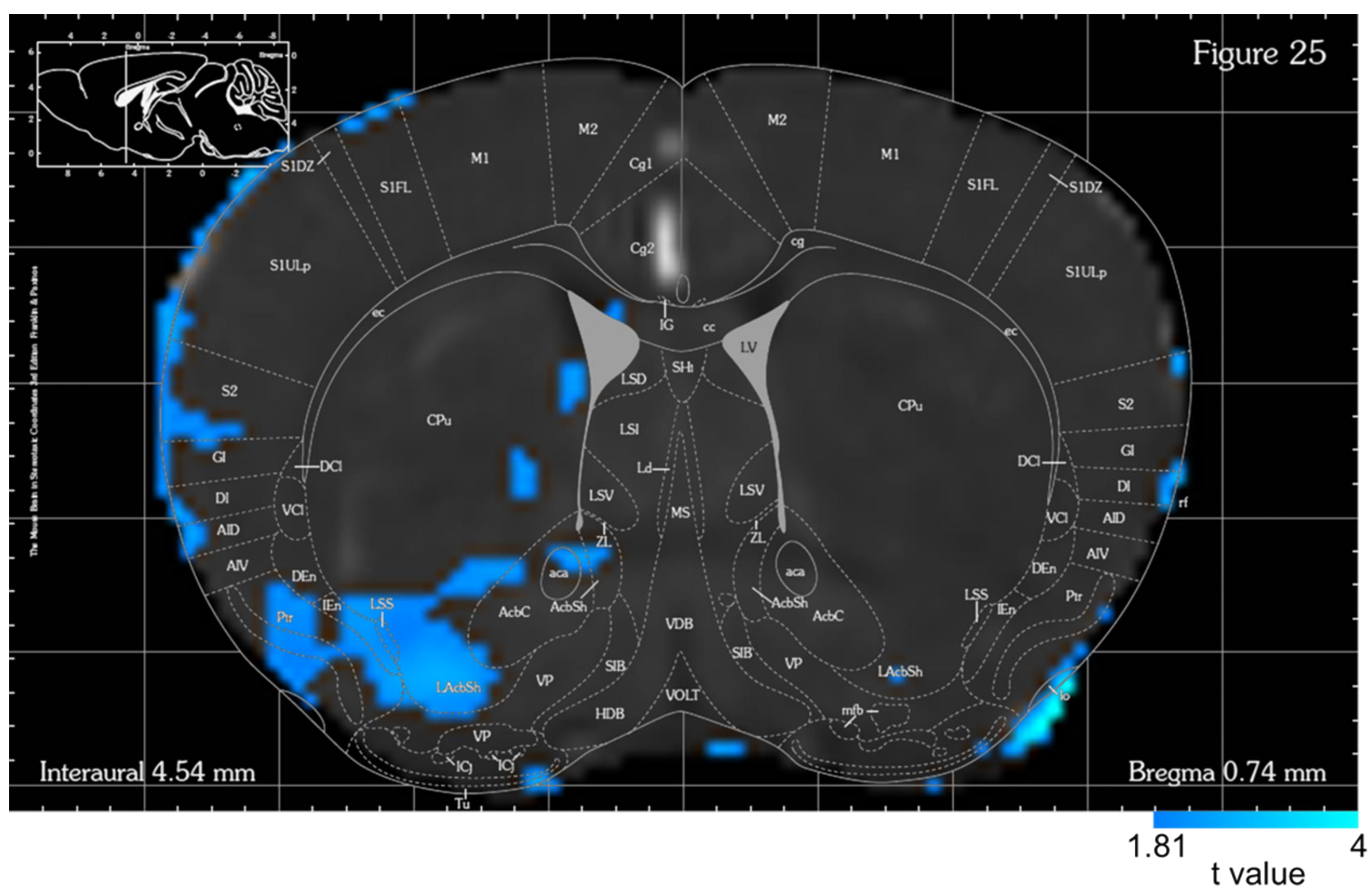


Figure S1_3A

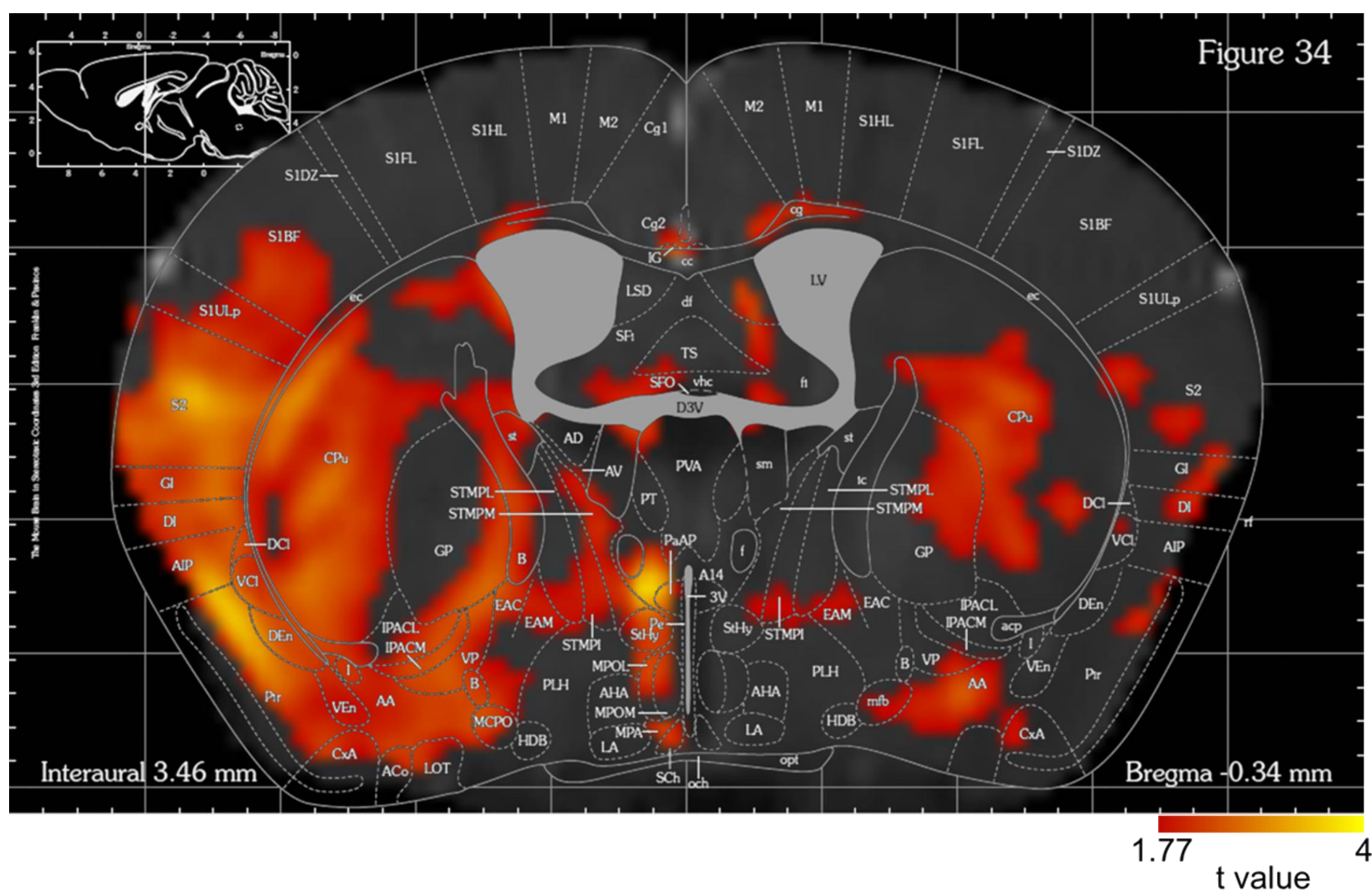


Figure S1_3B

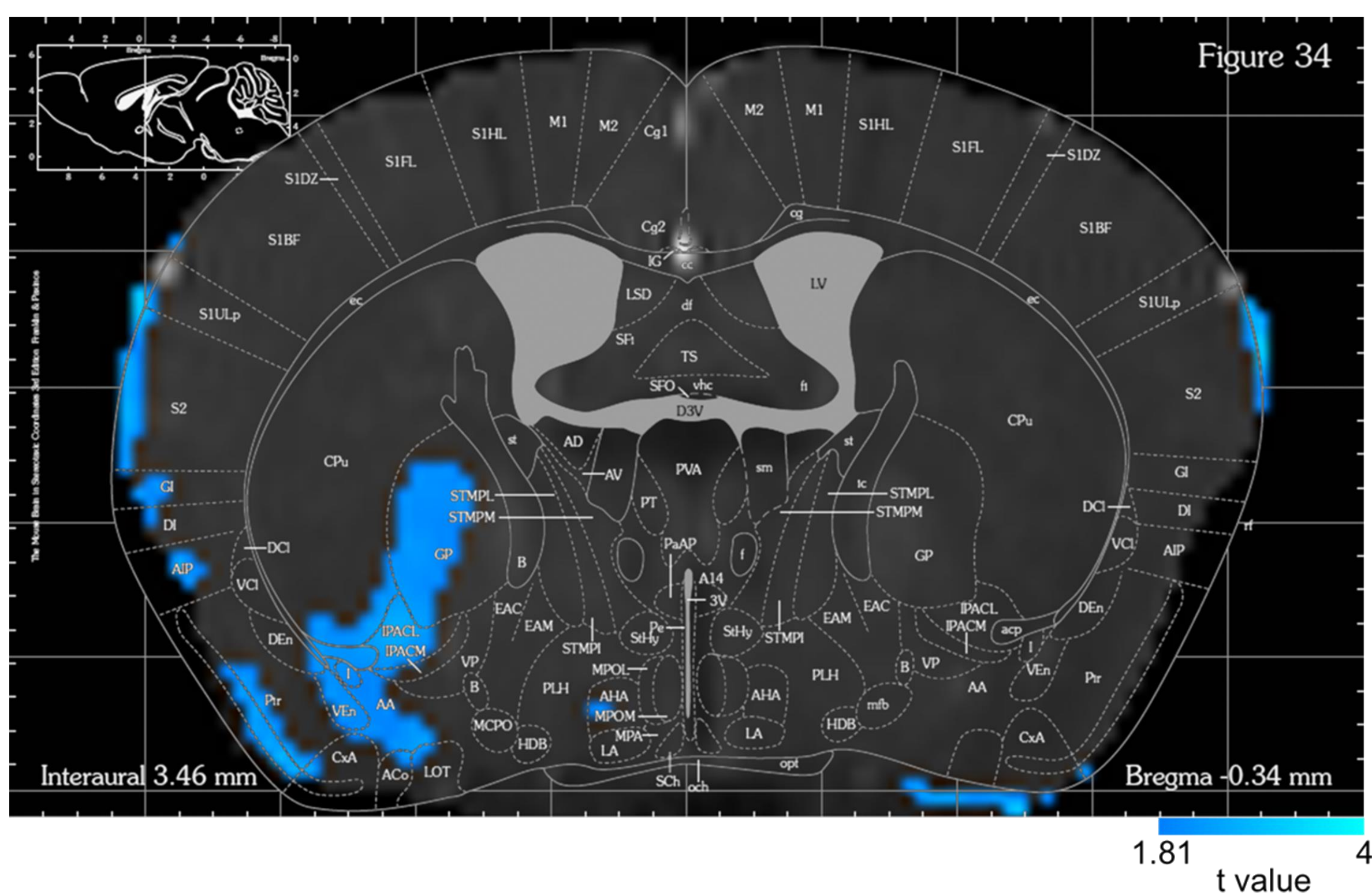


Figure S1_4A

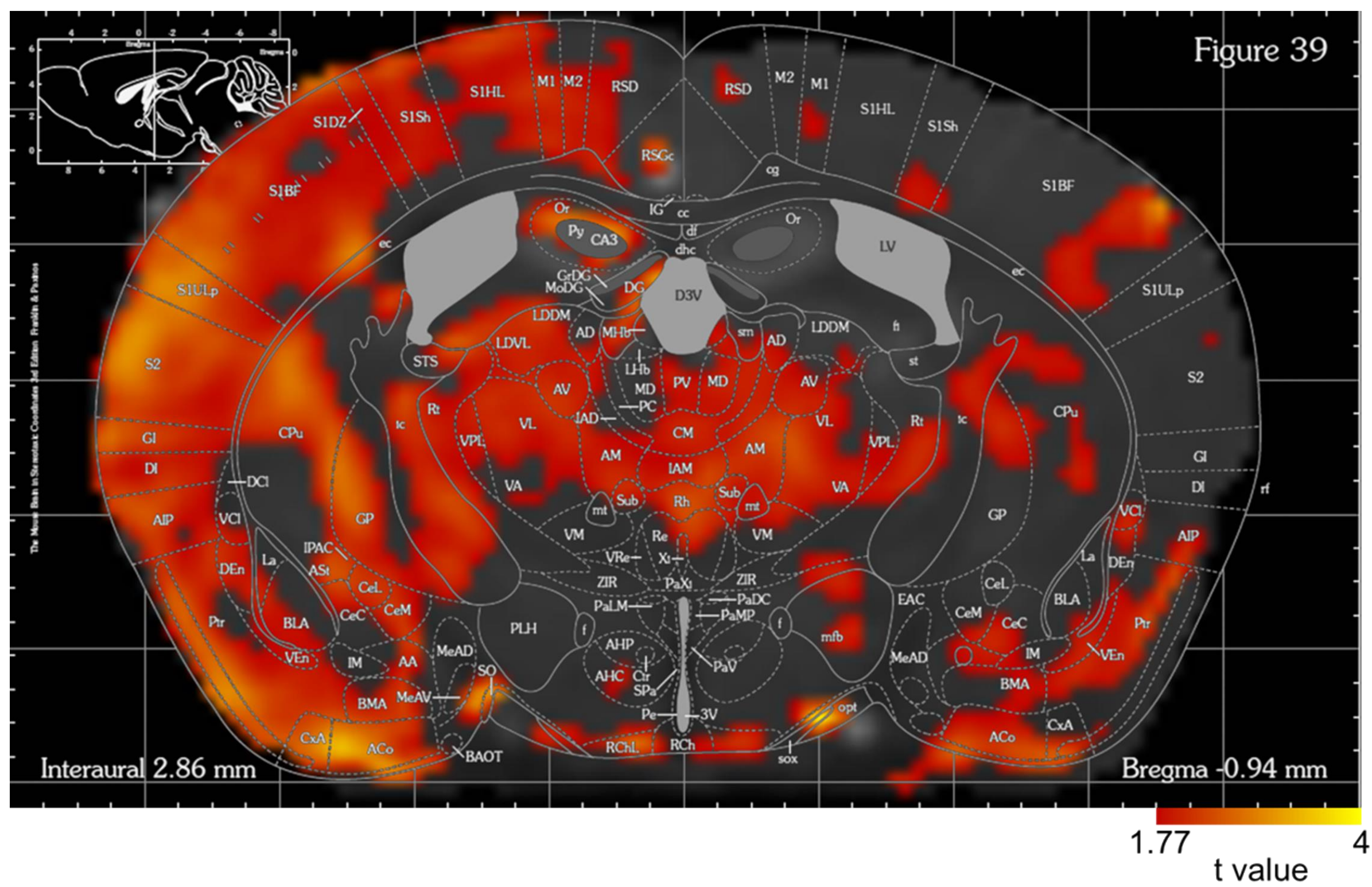


Figure S1_4B

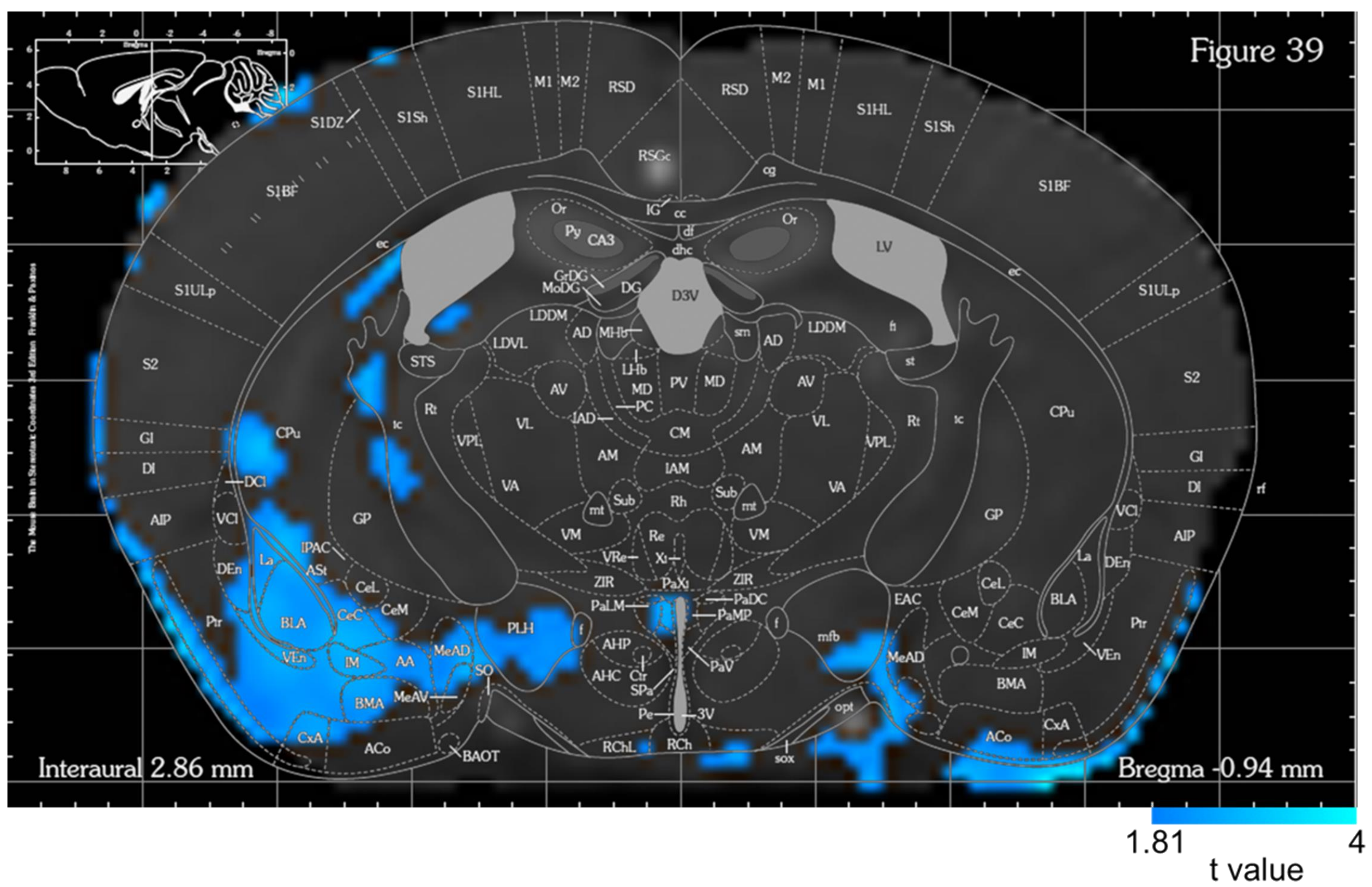


Figure S1_5A

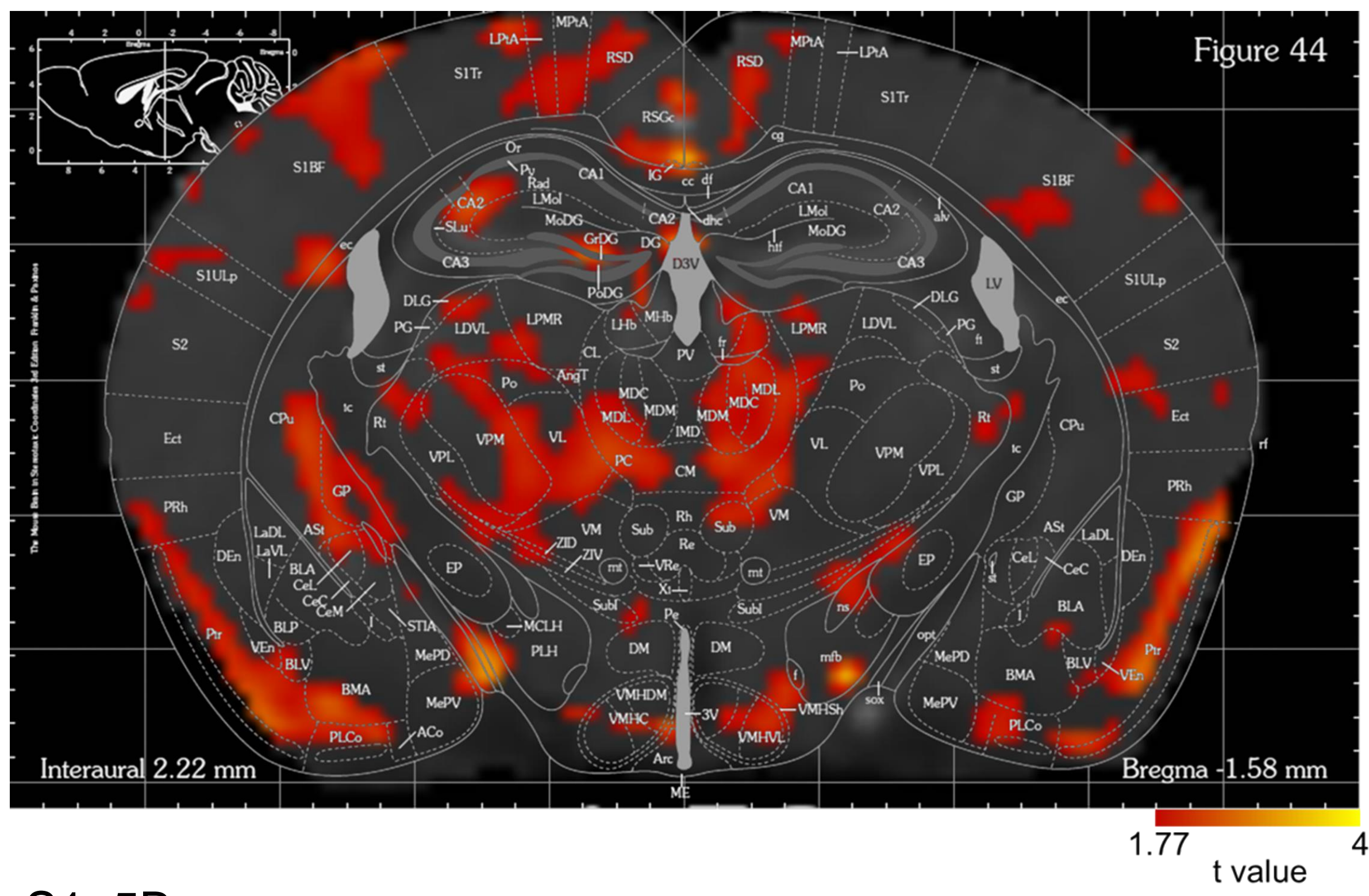


Figure S1_5B

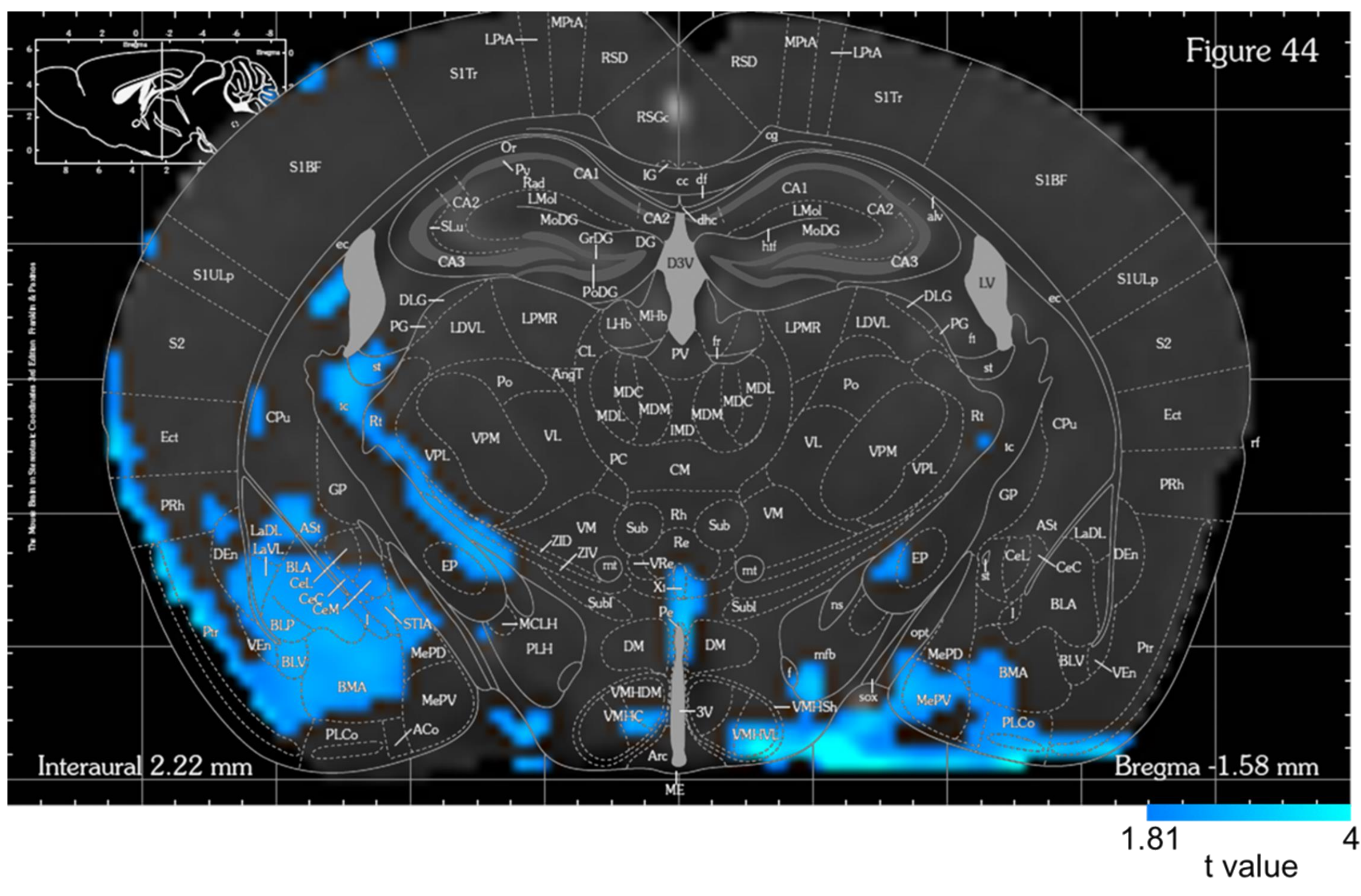


Figure S1_6A

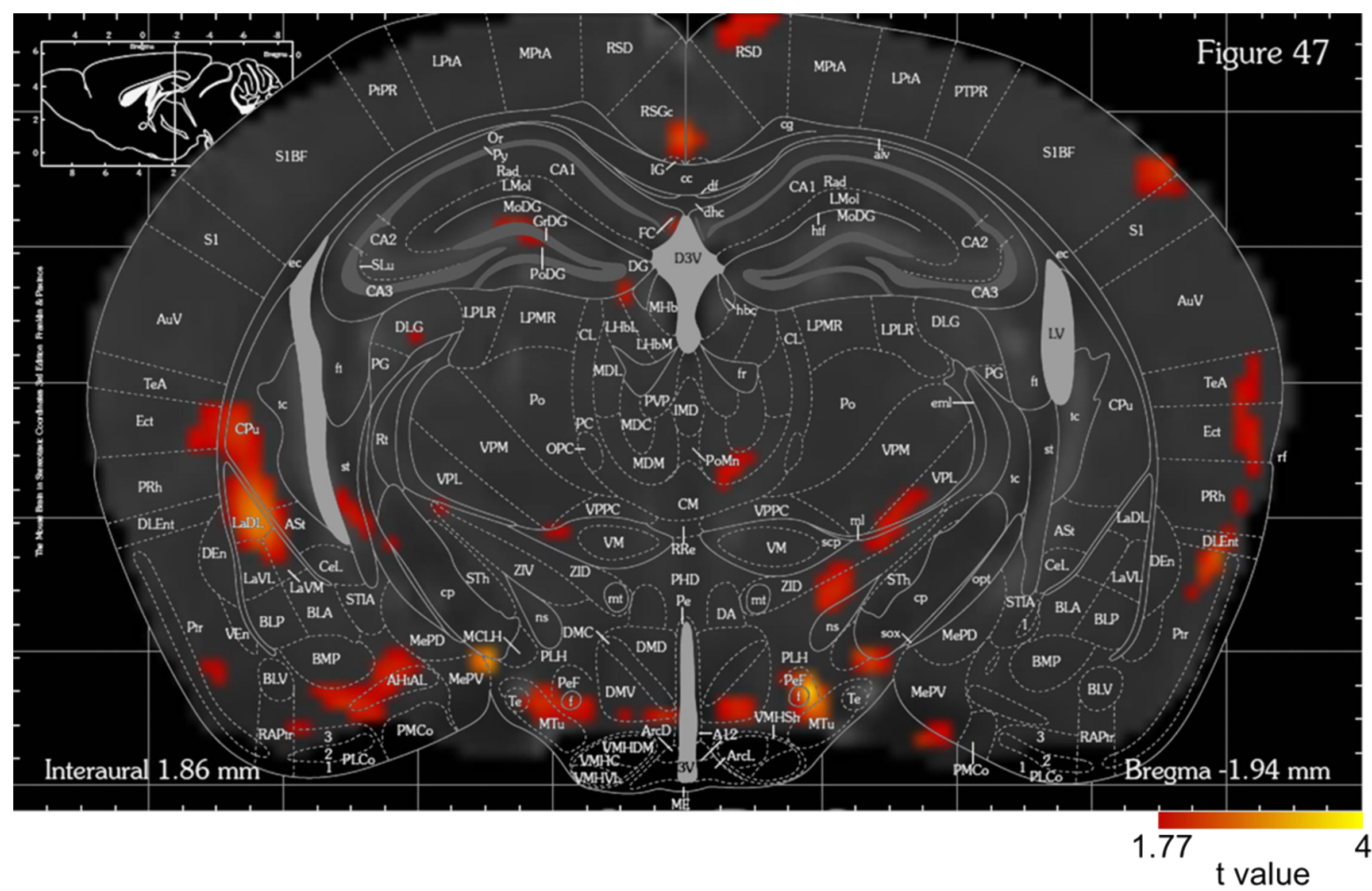


Figure S1_6B

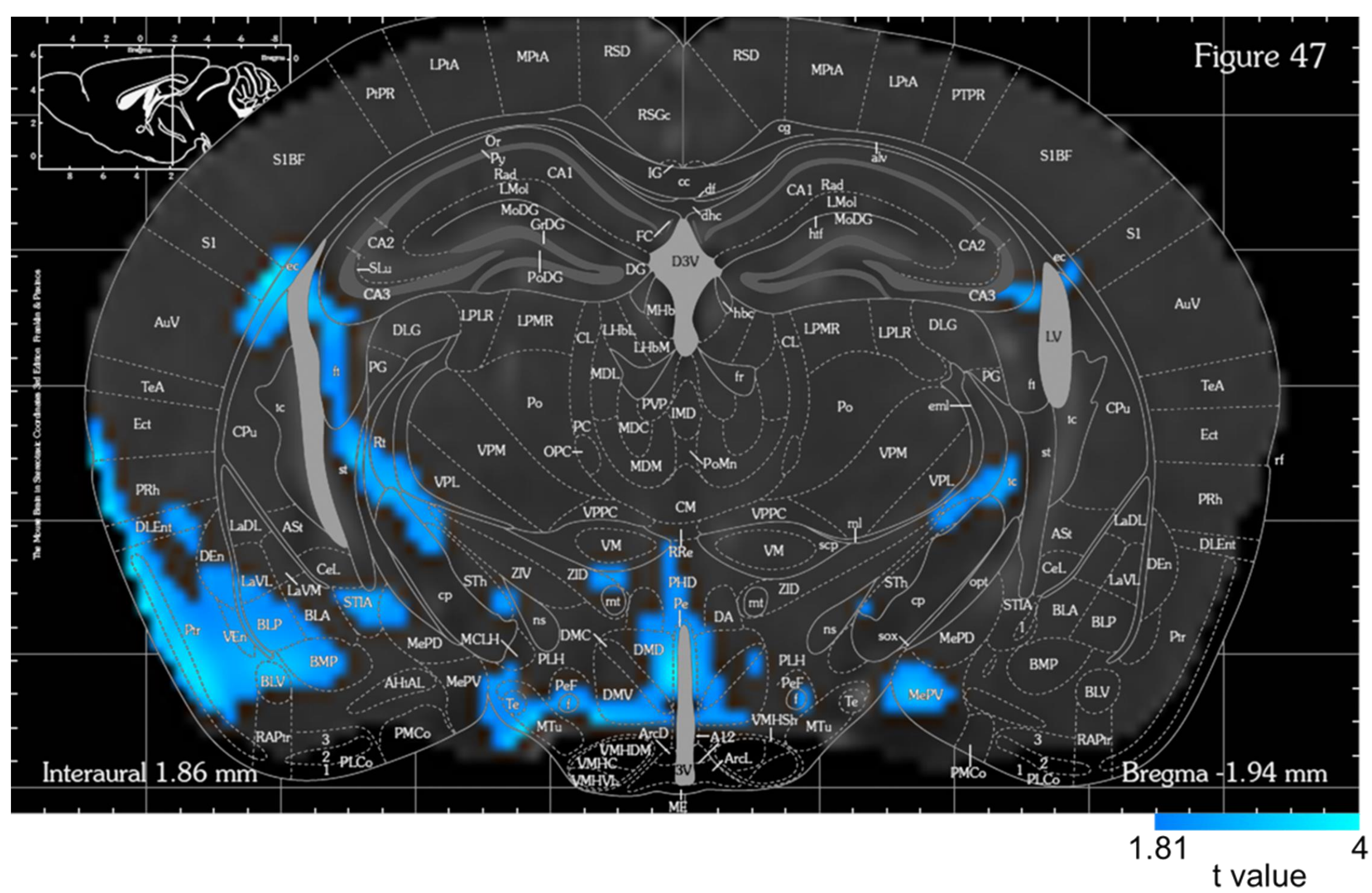


Figure S1_7A

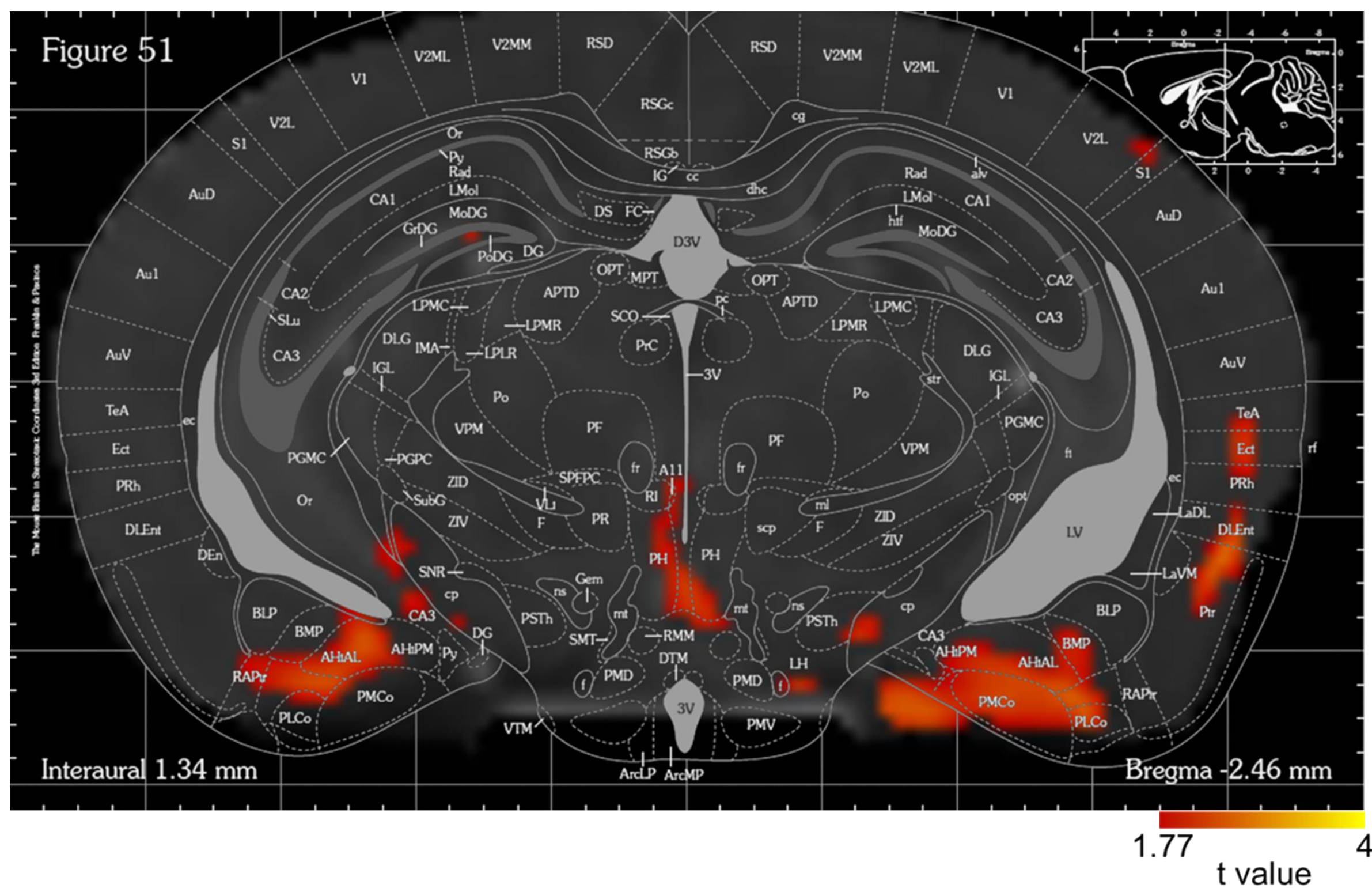


Figure S1_7B

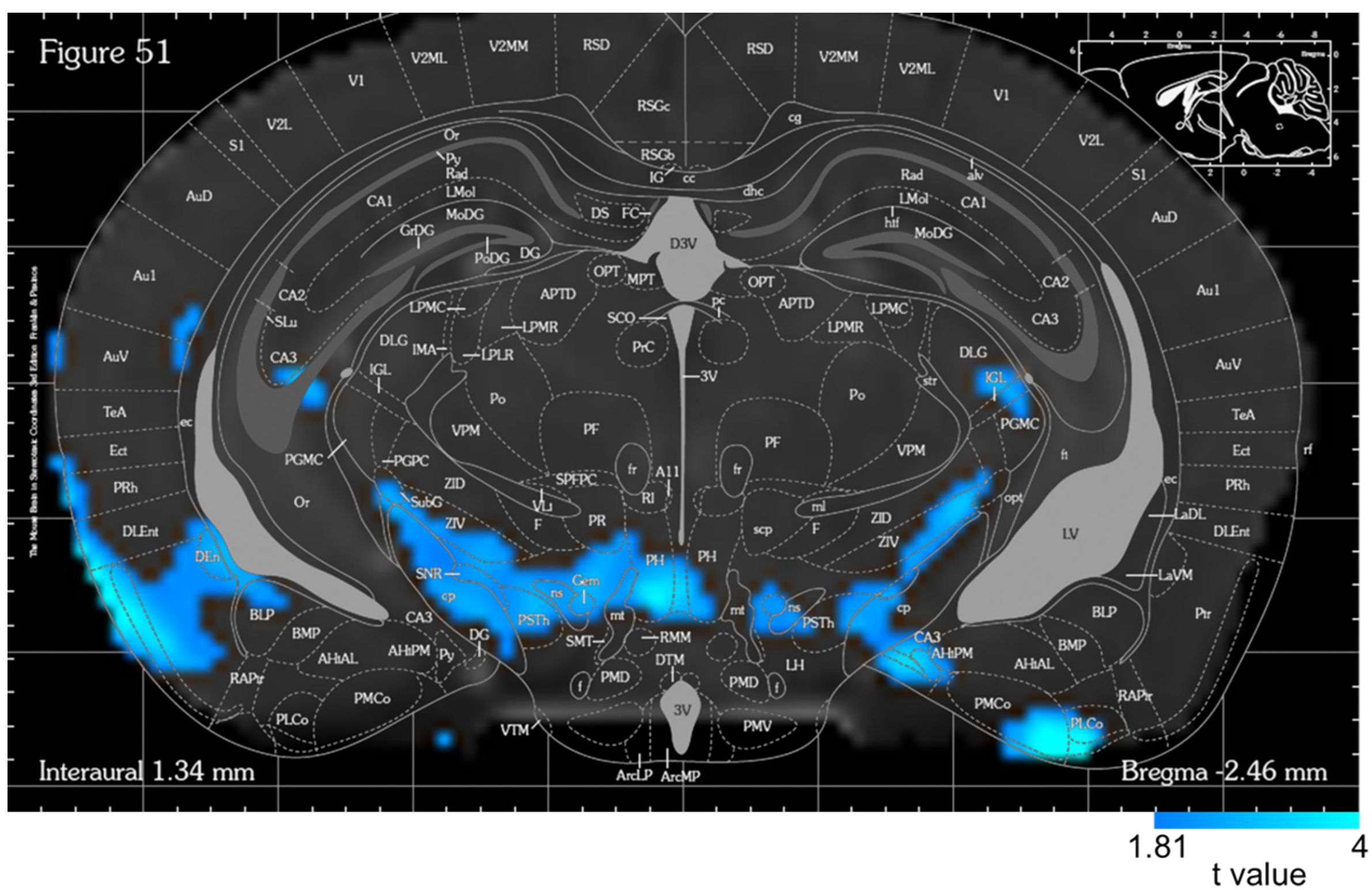


Figure S1_8A

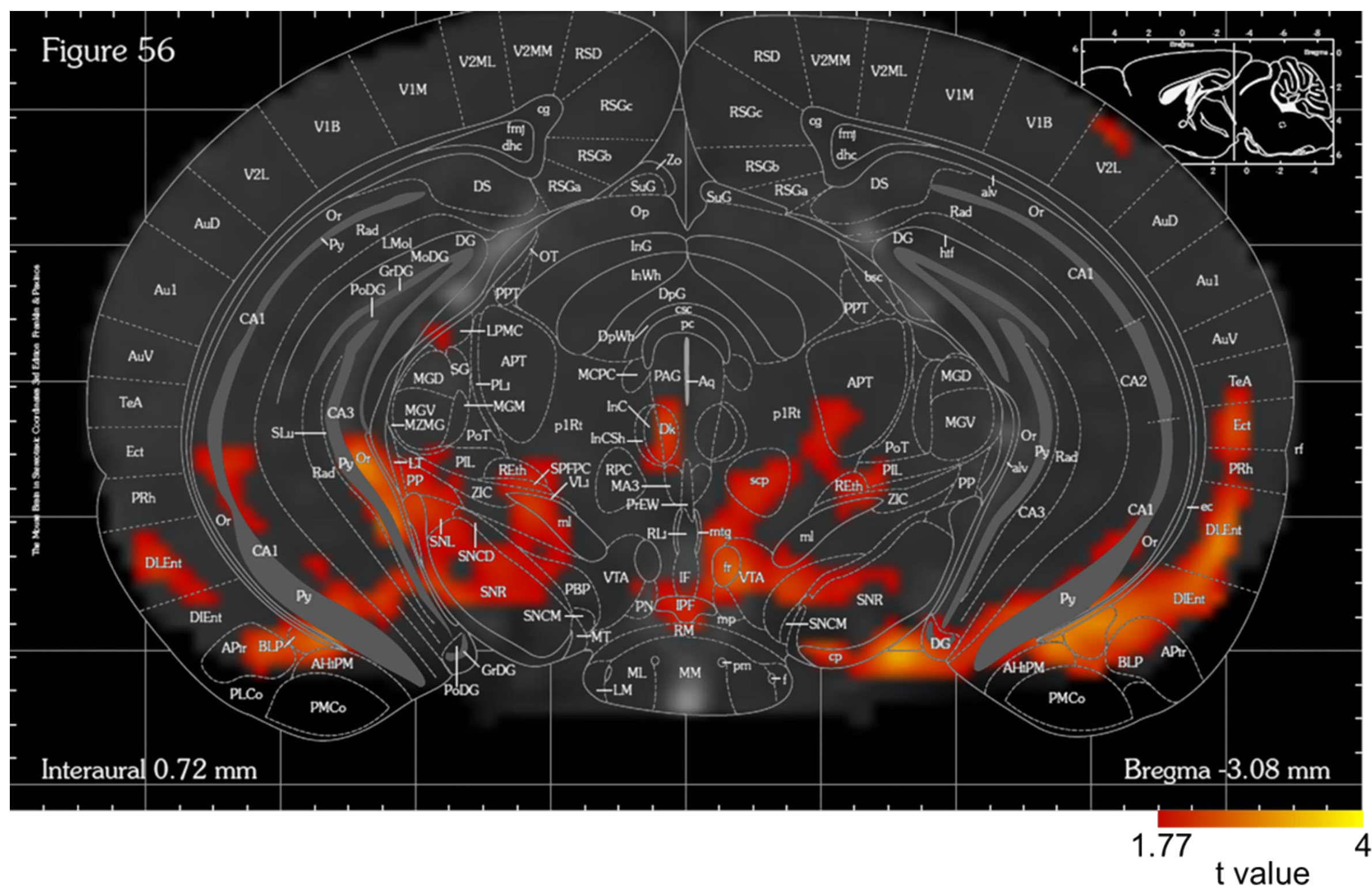
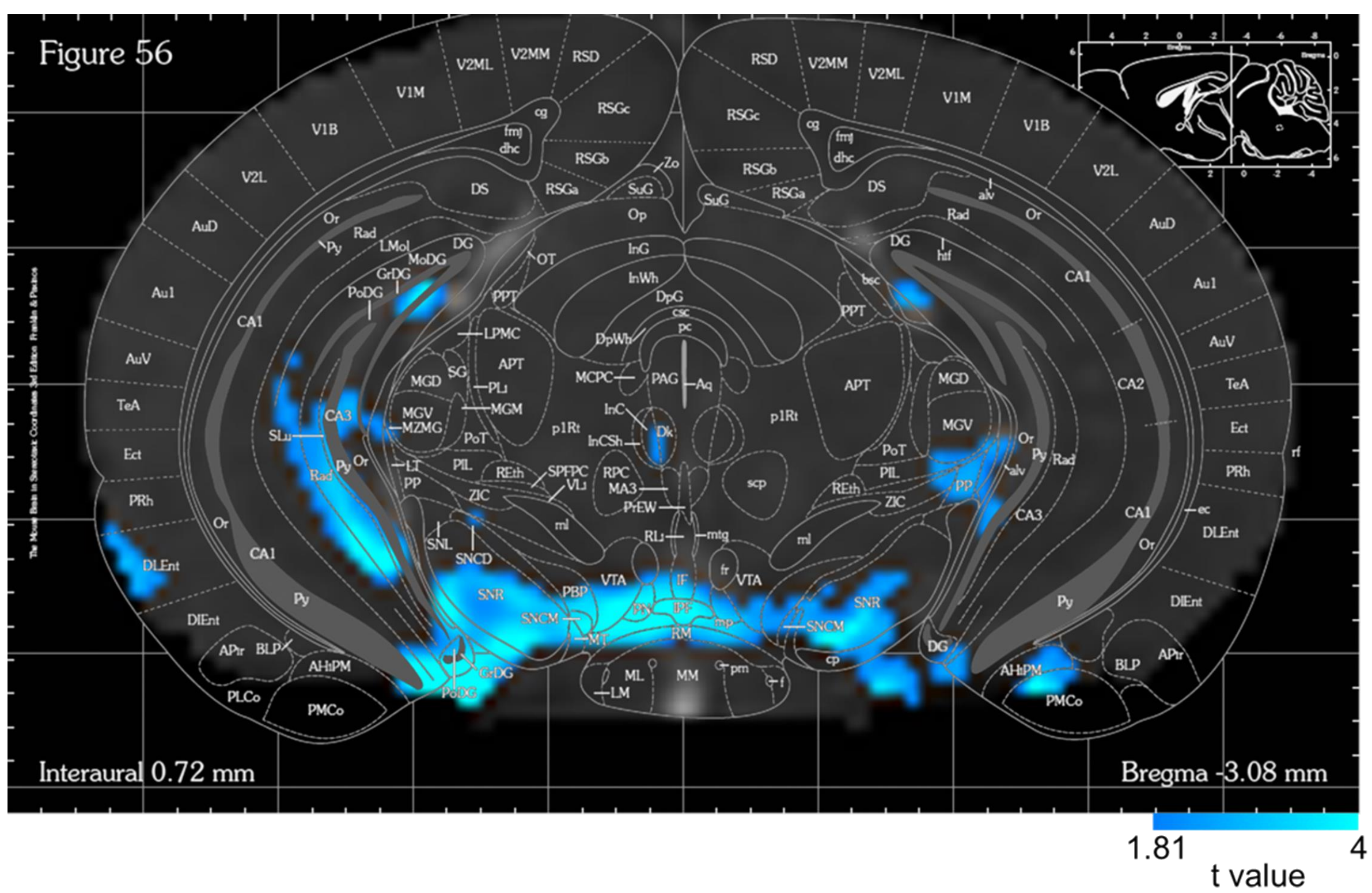


Figure S1_8B



Supplementary Material

1 Supplementary Figures

Supplementary Figure 1. Merged images of the T-value plots and Franklin and Paxinos mouse brain atlas. T value is overlaid to the normalized brain template and corresponding Franklin and Paxinos mouse brain atlas (Franklin and Paxinos, 2008). S1_1A (bregma 1.54), S1_2A (bregma 0.74), S1_3A (bregma -0.34), S1_4A (bregma -0.94), S1_5A (bregma -1.58), S1_6A (bregma -1.94), S1_7A (bregma -2.46), S1_8A (bregma -3.08) are typical images showing the signal increase in [6 h Formalin] compared to [2 h Formalin]. S1_1B (bregma 1.54), S1_2B (bregma 0.74), S1_3B (bregma -0.34), S1_4B (bregma -0.94), S1_5B (bregma -1.58), S1_6B (bregma -1.94), S1_7B (bregma -2.46), S1_8B (bregma -3.08) are typical images showing the signal decrease in [hM4D] compared to [EGFP]. [The drawings and schema in this figure are partially taken from the atlas by Franklin KBJ & Paxinos G (2008), used with permission. These were published in “The mouse brain in stereotaxic coordinates, Third Edition (compact version)”, Franklin KBJ & Paxinos G, Copyright Elsevier (2008).]