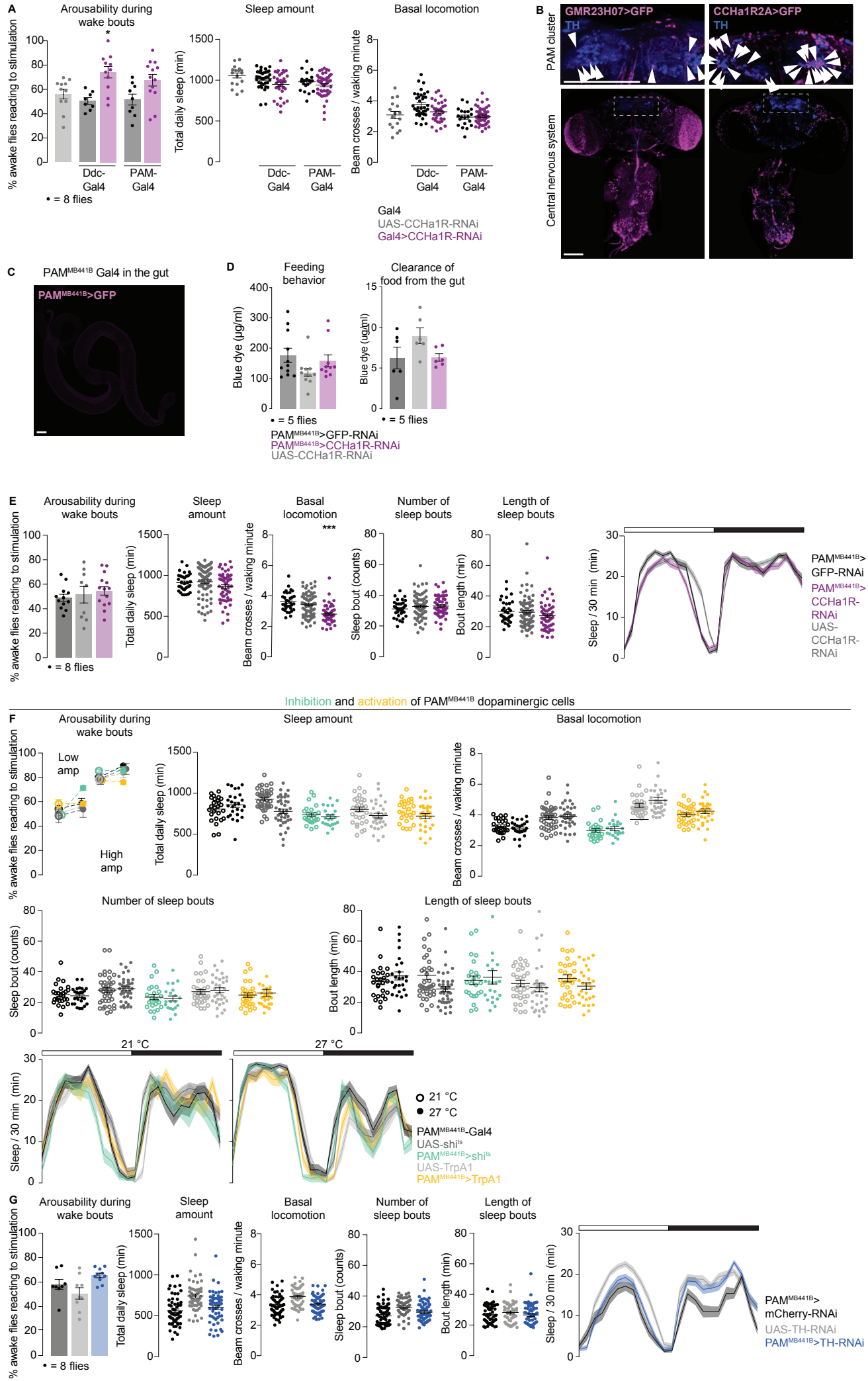Supplementary Figure 5, related to Figure 5