Figure S8. Subgroup analysis by sex: the efferent phrenic nerve activity measured 1 day or 10 days after the upper abdominal incision (Protocol B). (A-F): Spike frequency area-under-the-curve (AUC)/respiratory cycle (A), spike frequency AUC/minute (B), integrated phrenic neurogram (∫Phr) AUC/respiratory cycle (C), ∫Phr AUC/minute (D), central respiratory rate (E), and inspiratory-to-expiratory duration ratio (Tᵢ:Tₑ; F) was compared between the groups. The colored dots represent the individual data points, horizontal lines represent median, and error bars represent interquartile range. Sample sizes are given in (A). *P < 0.05 vs. Sham, and †P < 0.05 vs. POD 10 by Kruskal-Wallis test followed by post hoc Dunn’s multiple comparison tests. POD = postoperative day.