

SUPPLEMENTARY MATERIAL

Statistics for Figure 1: 0.15 pmol of GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 13.84$, $P < 0.001$, $F_{\text{right/right}} = 10.86$, $P < 0.001$; hot-plate test: $F_{\text{left/left}} = 23.30$, $P < 0.001$, $F_{\text{right/right}} = 22.88$, $P < 0.001$), 1.5 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 61.62$, $P < 0.001$, $F_{\text{right/right}} = 100.50$, $P < 0.001$; hot-plate test: $F_{\text{left/left}} = 118.90$, $P < 0.001$, $F_{\text{right/right}} = 206.00$, $P < 0.001$), 7.5 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 29.19$, $P < 0.001$, $F_{\text{right/right}} = 14.43$, $P < 0.001$; hot-plate test: $F_{\text{left/left}} = 52.46$, $P < 0.001$, $F_{\text{right/right}} = 123.6$, $P < 0.001$), and 15 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 135.00$, $P < 0.001$, $F_{\text{right/right}} = 94.71$, $P < 0.001$; hot-plate test: $F_{\text{left/left}} = 134.90$, $P < 0.001$, $F_{\text{right/right}} = 330.60$, $P < 0.001$) compared with the control group

Statistics for Figure 3: 0.15 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 31.77$, $P < 0.001$, $F_{\text{right/right}} = 2.77$, $P = 0.12$; hot-plate test: $F_{\text{left/left}} = 40.21$, $P < 0.001$, $F_{\text{right/right}} = 4.90$, $P < 0.05$), 1.5 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 75.45$, $P < 0.001$, $F_{\text{right/right}} = 8.01$, $P < 0.05$; hot-plate test: $F_{\text{left/left}} = 220.10$, $P < 0.001$, $F_{\text{right/right}} = 93.56$, $P < 0.001$), 7.5 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 149.40$, $P < 0.001$, $F_{\text{right/right}} = 31.93$, $P < 0.001$; hot-plate test: $F_{\text{left/left}} = 237.80$, $P < 0.001$, $F_{\text{right/right}} = 248.70$, $P < 0.001$), and 15 pmol GluA_{2-3y} (Randall Selitto test: $F_{\text{left/left}} = 146.10$, $P < 0.001$, $F_{\text{right/right}} = 8.35$, $P < 0.05$; hot-plate test: $F_{\text{left/left}} = 61.84$, $P < 0.001$, $F_{\text{right/right}} = 133.50$, $P < 0.001$) compared with the control group.