

Supplemental Table 1: Summary of Von Frey Test Values and Statistical Analyses

Von Frey test value, g (mean $\pm$ SD)	Baseline	CFA	Day 1	Day 2
Figure 1C				
Naïve	6.5 $\pm$ 0.35	6.58 $\pm$ 0.33	6.37 $\pm$ 0.16	6.38 $\pm$ 0.34
CFA	6.47 $\pm$ 0.37	1.28 $\pm$ 0.23	1.47 $\pm$ 0.22	1.53 $\pm$ 0.21
CFA+EA	6.15 $\pm$ 0.19	1.35 $\pm$ 0.21	3.12 $\pm$ 0.33	3.13 $\pm$ 0.16
CFA+sham-EA	6.55 $\pm$ 0.24	1.27 $\pm$ 0.1	1.27 $\pm$ 0.09	1.27 $\pm$ 0.09
CFA+Lido+EA	6.42 $\pm$ 0.34	1 $\pm$ 0.22	1.65 $\pm$ 0.24	1.63 $\pm$ 0.29
Figure 2B				
CFA+Vehicle+EA	6.5 $\pm$ 0.43	1.23 $\pm$ 0.31	2.96 $\pm$ 0.22	3.07 $\pm$ 0.24
CFA+Naloxone+EA	6.17 $\pm$ 0.39	1.34 $\pm$ 0.25	1.81 $\pm$ 0.33	1.81 $\pm$ 0.43
CFA+Naloxone+EA+AM251	6.4 $\pm$ 0.1	1.13 $\pm$ 0.13	1.37 $\pm$ 0.33	1.39 $\pm$ 0.3
CFA+AM251+EA	6.54 $\pm$ 0.27	1.14 $\pm$ 0.19	2.39 $\pm$ 0.21	2.39 $\pm$ 0.29
Figure 3B				
Vehicle+EA	6.08 $\pm$ 0.26	1.18 $\pm$ 0.25	3.08 $\pm$ 0.26	3.07 $\pm$ 0.27
AMTB+EA	6.33 $\pm$ 0.22	1.6 $\pm$ 0.44	2.93 $\pm$ 0.12	2.97 $\pm$ 0.31
Figure 3C				
AMTB+Naloxone+EA	6.37 $\pm$ 0.22	1.55 $\pm$ 0.33	3.3 $\pm$ 0.24	3.17 $\pm$ 0.32
AMTB+AM251+EA	6.46 $\pm$ 0.25	1.5 $\pm$ 0.39	1.54 $\pm$ 0.1	1.42 $\pm$ 0.23
AMTB+EA	6.33 $\pm$ 0.22	1.6 $\pm$ 0.43	2.93 $\pm$ 0.12	2.97 $\pm$ 0.31
Figure 4A				
CFA	6.45 $\pm$ 0.25	1.5 $\pm$ 0.2	1.57 $\pm$ 0.29	1.78 $\pm$ 0.15
CFA+EA	6.5 $\pm$ 0.14	1.37 $\pm$ 0.3	3.63 $\pm$ 0.22	3.77 $\pm$ 0.23
Figure 4B				
Vehicle+EA	6.37 $\pm$ 0.21	1.23 $\pm$ 0.16	3.62 $\pm$ 0.25	3.73 $\pm$ 0.10
Naloxone+EA	6.35 $\pm$ 0.3	1.33 $\pm$ 0.22	3.56 $\pm$ 0.23	3.77 $\pm$ 0.17
Figure 4C				
Vehicle+EA	6.4 $\pm$ 0.20	1.33 $\pm$ 0.25	3.73 $\pm$ 0.23	3.68 $\pm$ 0.13
AM251+EA	6.55 $\pm$ 0.18	1.27 $\pm$ 0.18	1.58 $\pm$ 0.26	1.63 $\pm$ 0.25
Figure 5B				
Menthol+EA	6.25 $\pm$ 0.43	1.37 $\pm$ 0.24	3.98 $\pm$ 0.55	3.97 $\pm$ 0.5
Vehicle+EA	6.32 $\pm$ 0.13	1.4 $\pm$ 0.15	2.83 $\pm$ 0.24	3.05 $\pm$ 0.36
Figure 5C				
Vehicle+EA	6.42 $\pm$ 0.22	1.32 $\pm$ 0.35	3.68 $\pm$ 0.46	3.66 $\pm$ 0.4
Menthol+EA	6.48 $\pm$ 0.22	1.30 $\pm$ 0.25	3.75 $\pm$ 0.23	3.86 $\pm$ 0.54
Figure 6B				
Vehicle+WIN	6.37 $\pm$ 0.18	1.15 $\pm$ 0.21	3.13 $\pm$ 0.12	3.28 $\pm$ 0.17
AM251+WIN	6.37 $\pm$ 0.47	1.27 $\pm$ 0.25	1.58 $\pm$ 0.15	1.52 $\pm$ 0.2
AMTB+WIN	6.48 $\pm$ 0.18	1.23 $\pm$ 0.14	4.03 $\pm$ 0.3	4.12 $\pm$ 0.15
Figure 6C				
TRPM8 ^{-/-} Vehicle+Win	6.27 $\pm$ 0.38	1.28 $\pm$ 0.15	4.6 $\pm$ 0.32	4.87 $\pm$ 0.35
TRPM8 ^{-/-} AM251+Win	6.42 $\pm$ 0.18	1.27 $\pm$ 0.27	1.66 $\pm$ 0.33	2.05 $\pm$ 0.24
WT Vehicle+Win	6.42 $\pm$ 0.29	1.18 $\pm$ 0.07	3.4 $\pm$ 0.18	3.68 $\pm$ 0.42