**Supplementary File 1 for:**

**GABAB receptor auxiliary subunits modulate Cav2.3-mediated release from medial habenula terminals**

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| --- | --- | --- | --- |
|  | **Control (n = 14)** | **KCTD8 (n = 10)** | **KCTD12b (n = 8)** |
| **Gmax (nS/pF)** | 0.75 ± 0.10 | 1.17 ± 0.12 \* | 0.91 ± 0.15 |
| **Vrev (mV)** | 63.48 ± 3.08 | 66.5 ± 3.00 | 60.55 ± 3.84 |
| **V0.5 act (mV)** | -2.54 ± 2.28 | -3.93 ± 1.64 | -2.46 ± 1.78 |
| **Kα** | 8.01 ± 1.33 | 7.15 ± 1.03 | 7.05 ± 1.77 |

**Supplementary Table 1:**

Parameters of the Boltzmann fit shown in Figure 8C. Gmax is the maximal conductance density. \* Gmax was significantly increased in KCTD8-transfected cells compared with Control (P = 0.0340, one-way ANOVA with Tukey post hoc test); Vrev is the reversal potential; V0.5 act is the potential at which current density was half-maximal; Kα is the slope factor