|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Event type | Measurement | label | Genotype | % Isoflurane | p-value |
| EPSC | Frequency | cholinergic | Control | 0.6 | 0.376 |
| EPSC | Frequency | cholinergic | Control | 1.8 | 0.192 |
| EPSC | Frequency | cholinergic | Mutant | 0.6 | 0.822 |
| EPSC | Frequency | noncholinergic | Control | 0.6 | 0.483 |
| EPSC | Frequency | noncholinergic | Control | 1.8 | 0.631 |
| EPSC | Frequency | noncholinergic | Mutant | 0.6 | 0.022 |
|  |  |  |  |  |  |
| IPSC | Frequency | cholinergic | Control | 0.6 | 0.381 |
| IPSC | Frequency | cholinergic | Control | 1.8 | 0.671 |
| IPSC | Frequency | cholinergic | Mutant | 0.6 | 0.041 |
| IPSC | Frequency | noncholinergic | Control | 0.6 | 0.219 |
| IPSC | Frequency | noncholinergic | Control | 1.8 | 0.081 |
| IPSC | Frequency | noncholinergic | Mutant | 0.6 | 0.293 |
|  |  |  |  |  |  |
| EPSC | Amplitude | cholinergic | Control | 0.6 | 0.029 |
| EPSC | Amplitude | cholinergic | Control | 1.8 | 0.331 |
| EPSC | Amplitude | cholinergic | Mutant | 0.6 | 0.162 |
| EPSC | Amplitude | noncholinergic | Control | 0.6 | 0.143 |
| EPSC | Amplitude | noncholinergic | Control | 1.8 | 0.123 |
| EPSC | Amplitude | noncholinergic | Mutant | 0.6 | 0.920 |
|  |  |  |  |  |  |
| IPSC | Amplitude | cholinergic | Control | 0.6 | 0.007 |
| IPSC | Amplitude | cholinergic | Control | 1.8 | 0.708 |
| IPSC | Amplitude | cholinergic | Mutant | 0.6 | 0.638 |
| IPSC | Amplitude | noncholinergic | Control | 0.6 | 0.217 |
| IPSC | Amplitude | noncholinergic | Control | 1.8 | 0.297 |
| IPSC | Amplitude | noncholinergic | Mutant | 0.6 | 0.317 |
|  |  |  |  |  |  |
| EPSC | Decay | cholinergic | Control | 0.6 | 0.096 |
| EPSC | Decay | cholinergic | Control | 1.8 | 0.0001 |
| EPSC | Decay | cholinergic | Mutant | 0.6 | 0.735 |
| EPSC | Decay | noncholinergic | Control | 0.6 | 0.683 |
| EPSC | Decay | noncholinergic | Control | 1.8 | 0.320 |
| EPSC | Decay | noncholinergic | Mutant | 0.6 | 0.048 |
|  |  |  |  |  |  |
| IPSC | Decay | cholinergic | Control | 0.6 | 0.909 |
| IPSC | Decay | cholinergic | Control | 1.8 | 0.718 |
| IPSC | Decay | cholinergic | Mutant | 0.6 | 0.473 |
| IPSC | Decay | noncholinergic | Control | 0.6 | 0.036 |
| IPSC | Decay | noncholinergic | Control | 1.8 | 0.082 |
| IPSC | Decay | noncholinergic | Mutant | 0.6 | 0.299 |

**Supplemental Table S3.** P values for T-test on Exposed vs Unexposed at each % Isoflurane. These values correspond to the data shown in Figure 4.