**Supplementary File 1.** Electrophysiological properties of PV::Ai14 cells

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|  | ***Pvalb::cre,*Ai14** | *n = 18* |
|  | average | *s.e.* |
| Ri (MΩ) | 147.48 | *12.57* |
| RMP (mV) | -71.05 | *1.32* |
| AP Threshold (mV) | -36.44 | *2.98* |
| AP Amplitude (mV) | 77.18 | *2.57* |
| AP Frequency (Hz) | 128.30 | *5.60* |
| AP Half-width (ms) | 0.39 | *0.02* |
| AP Rise time (ms) | 0.19 | *0.01* |
| fAHP Amplitude (mV) | -19.84 | *0.84* |

Abbreviations: Ri Input resistance, RMP resting membrane potential, AP action potential, fAHP fast afterhyperpolarization. AP frequency determined with 500ms square-wave current pulse at +400 pA.