Supplementary file 1

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| **Receptor** | **CELLS** | **STHdHQ7** **Bmax (fmol/mg protein)** | **STHdHQ7** **KD (nM)** | **STHdHQ111** **Bmax (fmol/mg protein)** | **STHdHQ111** **KD (nM)** |
| **H3R** | **Striatal cells** | 160 ± 2 | 1.92 ± 0.07 | 160 ± 34 | 0.71 ± 0.25 |
| **D1R** | **Striatal cells** | 200 ± 20 | 0.3 ± 0.1 | 220 ± 40 | 0.16 ± 0.08 |