**Supplementary Table 4.** Characteristics of neuron profiles in the rostral dorsal peduncular nucleus.

|  |  |
| --- | --- |
|  PARAMETER |  ANTIBODY |
|  Area (µm2) |  PV |  GAD |
|  Number | 25 | 25 |
|  Mean | 117.13 | 117.21 |
|  Standard deviation | 32.16 | 44.65 |
|  Range | 51.21-170.87 | 59.93-263.70 |
|  Perimeter (µm) |  |  |
|  Number | 25 | 25 |
|  Mean | 44.65 | 44.54 |
|  Standard deviation | 6.34 | 6.96 |
|  Range | 31.28-54.33 | 33.19-63.19 |
|  Length (µm) |  |  |
|  Number | 25 | 25 |
|  Mean | 15.40 | 15.19 |
|  Standard deviation | 2.52 | 2.34 |
|  Range | 10.67-20.95 | 10.91-19.73 |
|  Width (µm) |  |  |
|  Number | 25 | 25 |
|  Mean | 9.51 | 9.57 |
|  Standard deviation | 2.07 | 2.43 |
|  Range | 4.78-15.05 | 6.21-16.08 |
|  Eccentricity (Width/Length) |  |  |
|  Number | 25 | 25 |
|  Mean | 0.63 | 0.63 |
|  Standard deviation | 0.14 | 0.13 |
|  Range | 0.37-0.98 | 0.45-0.91 |