**Supplementary File 1**

Expression of MRGPRD and MRGPRX1 was assessed in three macaque DRGs, using double-labeling ISH. The number of single and double-positive neurons is given as aggregated number for each DRG.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **MRGPRD+ neurons** | **MRGPRX1+ neurons** | **MRGPRX1+D+ neurons** |
| **DRG 1****(4 slices)** | 17 | 203 | 135 |
| **DRG 2****(2 slices)** | 13 | 41 | 45 |
| **DRG 3****(1 slice)** | 9 | 5 | 19 |
| **Totals** | 39 | 249 | 199 |