Table S2. Synaptic connections identified by EM reconstruction.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | post  (Cell ID) | | | |
| pre  (Cell ID) | DSKMP1A\_R (1135837629) | DSKMP1B\_R (1352077058) | DSKMP1B\_L (1011184205) | DSKMP3\_R (327937328) |
| pC1a\_R (5813046951) | 0 | 0 | 1 | 0 |
| pC1a\_L (359744514) | 0 | 5 | 0 | 0 |
| pC1b\_R (267214250) | 0 | 15 | 0 | 1 |
| pC1c\_L (550319575) | 0 | 2 | 2 | 0 |
| pC1c\_R (267551639) | 1 | 84 | 1 | 1 |
| pC1d\_R (5813063587) | 2 | 2 | 0 | 0 |
| pC1e\_R (514850616) | 0 | 2 | 0 | 0 |

Number of synaptic connections identified between pC1 neurons and DSK neurons. X\_R and X\_L indicate right- and left-hemisphere X cells (X indicates pC1 cells or DSK cells).