

# Serotonergic synapse – Homo sapiens (human)

## Monocyte

|        |       |       |       |       |       |       |       |       |       |       |       |       |      |       |       |       |       |       |       |       |       |      |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Q9UP65 | −0.13 | 0.14  | 0.06  | 0.16  | 0.05  | 0.19  | 0.03  | 0.23  | 0.1   | 0.08  | 0.06  | 0.05  | 0.13 | 0.03  | 0.28  | 0.2   | 0.1   | 0.15  | 0.06  | 0.3   | 1     |      |
| Q9NZV8 | −0.13 | 0.1   | −0.09 | 0.01  | 0.05  | 0.7   | 0.02  | 0     | 0.07  | 0.01  | 0.02  | 0.06  | 0.04 | 0.02  | 0.03  | 0.04  | 0.1   | 0     | −0.04 | 1     | 0.03  |      |
| Q9HAV0 | −0.03 | 0.07  | 0.03  | 0.03  | 0.04  | 0.8   | 0.07  | 0.01  | 0.04  | 0.1   | 0.07  | 0.6   | 0.02 | 0.04  | 0.04  | 0.9   | 0.2   | 0.3   | 1     | −0.04 | 0.06  |      |
| Q8WXA8 | −0.02 | 0.07  | 0.03  | 0.07  | 0.04  | 0.1   | 0.03  | 0.16  | 0.03  | 0.1   | 0.04  | 0.07  | 0.06 | 0.01  | 0.11  | 0.06  | 0.03  | 1     | −0.08 | 0     | −0.15 |      |
| Q8N118 | −0.04 | 0     | 0.01  | 0.08  | 0.5   | 0.7   | 0.1   | 0.12  | 0.02  | 0.08  | 0.08  | 0.05  | 0    | −0.03 | 0.06  | 0.3   | 1     | −0.03 | 0.2   | 0.11  | 0.11  |      |
| Q14573 | −0.02 | 0.03  | 0.07  | 0.02  | 0.14  | 0.1   | 0.15  | 0.03  | 0.12  | 0.06  | 0.7   | 0.09  | 0.05 | 0.3   | 1     | −0.03 | 0.06  | 0.09  | 0.4   | 0.21  | 0.11  |      |
| Q14571 | −0.04 | 0.06  | 0.1   | 0.01  | 0     | −0.07 | 0.04  | 0.13  | 0     | −0.13 | 0     | −0.07 | 0.13 | 0.6   | 1     | 0.03  | 0.06  | 0.11  | 0.03  | 0.28  | 0.11  |      |
| Q13936 | −0.07 | 0.05  | 0.03  | 0     | 0.05  | 0.07  | 0.07  | 0     | −0.04 | 0.18  | 0.05  | 0.2   | 1    | 0.06  | 0.06  | 0.03  | 0.1   | 0.07  | 0.02  | 0.03  | 0.11  |      |
| Q02750 | −0.11 | 0.04  | 0.05  | 0.03  | 0.08  | 0.16  | 0.08  | 0.3   | 0.23  | 0.07  | 0.07  | 0.1   | 1    | −0.02 | 0.13  | 0.09  | 0     | 0.06  | 0.02  | 0.04  | 0.13  |      |
| P63218 | −0.03 | 0.01  | 0.02  | 0.03  | 0.09  | 0.13  | 0.06  | 0.11  | 0.02  | 0.05  | 0.1   | 1     | 0.01 | 0.05  | 0.07  | 0.05  | 0.07  | 0.06  | 0.06  | 0.05  | 0.11  |      |
| P61952 | −0.07 | 0.08  | 0.03  | 0     | −0.12 | 0.03  | 0.05  | 0.03  | 0.12  | 1     | −0.04 | 0.07  | 0.18 | 0     | −0.06 | 0.08  | 0.04  | 0.07  | 0.02  | 0.06  | 0.11  |      |
| P48549 | −0.03 | 0.1   | 0.04  | 0.04  | 0.03  | 0.3   | 0     | 0.06  | 0.04  | 1     | −0.12 | 0.05  | 0.07 | 0.04  | 0.13  | 0.12  | 0.08  | 0.1   | 0.01  | 0.10  | 0.08  |      |
| P47898 | −0.03 | 0.13  | 0.05  | 0.1   | 0.06  | 0.1   | 0.12  | 0.01  | 1     | 0.04  | 0.03  | 0.2   | 0.23 | 0     | 0     | 0.03  | 0.02  | 0.03  | 0.04  | 0.7   | 0.11  |      |
| P46098 | −0.03 | 0.09  | 0.08  | 0.14  | 0.13  | 0.01  | 0.01  | 1     | −0.01 | 0.06  | 0.05  | 0.11  | 0.03 | 0.07  | 0.13  | 0.13  | 0.12  | 0.16  | 0.1   | 0     | 0.23  |      |
| P17752 | −0.07 | 0.06  | 0.01  | 0.03  | 0.5   | 0.02  | 1     | −0.04 | 0.12  | 0     | −0.03 | 0.06  | 0.08 | 0.04  | 0.07  | 0.01  | 0.1   | 0.03  | 0.07  | 0.02  | 0.03  |      |
| P10398 | −0.06 | 0     | 0.1   | −0.05 | 0.7   | 1     | 0.02  | 0.01  | −0.10 | 0.03  | 0.03  | 0.13  | 0.16 | 0.07  | 0.07  | 0.14  | 0.07  | 0.07  | 0.08  | 0.7   | 0.19  |      |
| P05129 | −0.06 | 0.1   | 0.11  | 0.04  | 1     | 0.07  | 0.05  | 0.13  | 0.06  | 0.03  | 0.12  | 0.09  | 0.05 | 0.05  | 0     | 0     | 0.02  | 0.05  | 0.04  | 0.04  | 0.05  | 0.11 |
| P04899 | −0.08 | 0.12  | 0.1   | 1     | 0.04  | 0.05  | 0.03  | 0.14  | 0.1   | 0.01  | 0     | −0.03 | 0.03 | 0     | 0.01  | 0.07  | 0.06  | 0.07  | 0.03  | 0.1   | 0.16  |      |
| P01116 | −0.04 | 0.03  | 1     | −0.07 | 0.11  | 0.1   | 0.01  | 0.08  | 0.05  | 0.04  | 0.03  | 0.02  | 0.05 | 0.03  | 0.14  | 0.07  | 0.01  | 0.03  | 0.03  | 0.09  | 0.06  |      |
| Q95622 | −0.14 | 1     | −0.03 | 0.12  | 0.11  | 0     | −0.06 | 0.03  | 0.1   | −0.08 | 0.01  | 0.04  | 0.05 | 0.05  | 0.3   | 0     | −0.07 | 0.07  | 0.1   | 0.14  | 0.11  |      |
| O60840 | −1    | −0.14 | 0.04  | 0.08  | 0.06  | 0.06  | 0.07  | 0.03  | 0.03  | 0.03  | 0.07  | 0.03  | 0.11 | 0.07  | 0.07  | 0.02  | 0.04  | 0.02  | 0.03  | 0.13  | 0.13  |      |

## Macrophage

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |      |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| −0.18 | 0.02  | 0.02  | −0.11 | 0.04  | 0.21  | 0.03  | 0.15  | −0.12 | 0.06  | 0.14  | −0.04 | 0.21  | 0.15  | −0.18 | 0.18  | 0.08  | −0.11 | −0.08 | 0.2   | 1    |
| −0.23 | 0.06  | 0     | −0.25 | 0.01  | 0.26  | 0.07  | 0.04  | −0.08 | 0.03  | 0.16  | −0.07 | 0.28  | 0.22  | −0.13 | 0.23  | 0.03  | 0.04  | 0.14  | 1     | 0.2  |
| −0.12 | 0.01  | −0.03 | 0.16  | 0.03  | −0.1  | 0.04  | −0.04 | 0.1   | 0.08  | −0.13 | 0.05  | 0.11  | −0.04 | 0.02  | 0.08  | 0     | 0.08  | 1     | −0.14 | 0.08 |
| −0.13 | 0.05  | −0.06 | 0.01  | 0.03  | −0.11 | 0.01  | −0.14 | 0.01  | 0.01  | −0.09 | 0.03  | 0.17  | 0     | 0.08  | 0.06  | −0.01 | 1     | 0.08  | −0.04 | 0.11 |
| −0.03 | 0.01  | 0.02  | −0.02 | 0     | 0.07  | −0.05 | 0.1   | 0.01  | 0.06  | 0.03  | −0.1  | 0.02  | −0.02 | 0.03  | −0.07 | 1     | −0.01 | 0     | −0.03 | 0.08 |
| −0.23 | −0.02 | 0.01  | 0.17  | 0.04  | −0.26 | 0.07  | 0.02  | 0.07  | 0.01  | −0.24 | 0.16  | 0.23  | −0.11 | 0.11  | 1     | −0.07 | 0.06  | 0.08  | −0.23 | 0.18 |
| −0.1  | 0.08  | −0.06 | 0.07  | −0.02 | 0.12  | 0     | −0.05 | 0.14  | 0.08  | −0.1  | 0.01  | 0.16  | −0.09 | 1     | 0.11  | 0.03  | 0.08  | 0.02  | −0.13 | 0.18 |
| −0.09 | 0.08  | 0.01  | −0.04 | 0.01  | 0.11  | 0     | 0.06  | −0.14 | 0.03  | 0.11  | 0     | −0.12 | 1     | −0.09 | 0.11  | −0.02 | 0     | −0.04 | 0.22  | 0.15 |
| −0.29 | 0.01  | −0.02 | 0.15  | −0.01 | 0.34  | 0.12  | 0.01  | 0.12  | 0.09  | −0.24 | 0.13  | 1     | −0.12 | 0.16  | 0.23  | 0.02  | 0.17  | 0.11  | −0.28 | 0.21 |
| −0.11 | −0.06 | 0.09  | 0.06  | 0.01  | −0.15 | 0.05  | 0.01  | 0     | 0     | −0.06 | 1     | 0.13  | 0     | 0.01  | 0.16  | −0.1  | −0.03 | 0.05  | −0.07 | 0.04 |
| −0.21 | 0.01  | 0.03  | −0.09 | 0.07  | 0.21  | 0.04  | 0.07  | −0.17 | 0.08  | 1     | −0.06 | 0.24  | 0.11  | −0.1  | −0.24 | 0.03  | −0.09 | 0.13  | 0.16  | 0.14 |
| −0.04 | 0.04  | −0.11 | 0.04  | 0.01  | 0     | 0.01  | −0.05 | 0.12  | 1     | −0.09 | 0     | 0.09  | −0.03 | 0.08  | 0.01  | 0.06  | 0.01  | 0.08  | −0.03 | 0.06 |
| −0.08 | 0.1   | −0.08 | 0.1   | 0.02  | −0.14 | 0.04  | 0     | 1     | 0.12  | −0.17 | 0     | 0.12  | −0.14 | 0.14  | 0.07  | 0.01  | 0.01  | 0.1   | −0.08 | 0.12 |
| −0.08 | 0.05  | 0.02  | 0.01  | −0.02 | 0.03  | 0     | 1     | 0     | −0.05 | 0.07  | 0.01  | −0.01 | 0.06  | −0.05 | 0.02  | 0.1   | −0.14 | 0.04  | 0.04  | 0.15 |
| −0.1  | 0.06  | −0.07 | 0.01  | 0.03  | 0.04  | 1     | 0     | −0.04 | 0.01  | 0.04  | −0.05 | 0.12  | 0     | 0     | −0.07 | 0.05  | 0.01  | 0.04  | 0.07  | 0.03 |
| −0.22 | 0.07  | 0.07  | −0.15 | 0.04  | 1     | 0.04  | −0.03 | 0.14  | 0     | 0.21  | −0.15 | 0.34  | 0.11  | −0.12 | −0.26 | 0.07  | −0.11 | −0.1  | 0.26  | 0.21 |
| −0.02 | 0.07  | 0.06  | 0.01  | 1     | −0.04 | 0.03  | −0.02 | 0.02  | 0.01  | −0.07 | 0.01  | −0.01 | 0.01  | −0.02 | 0.04  | 0     | 0.03  | 0.03  | 0.01  | 0.04 |
| −0.12 | 0.01  | −0.03 | 1     | 0.01  | −0.15 | 0.01  | 0.01  | 0.1   | −0.04 | 0.09  | 0.06  | 0.15  | −0.04 | 0.07  | 0.17  | −0.02 | 0.01  | 0.16  | −0.25 | 0.11 |
| −0.03 | 0.09  | 1     | −0.03 | 0.06  | 0.07  | −0.07 | 0.02  | −0.08 | 0.11  | 0.03  | 0.09  | −0.02 | 0.01  | −0.06 | 0.01  | 0.02  | −0.06 | 0.03  | 0     | 0.02 |
| −0.03 | 1     | −0.09 | 0.01  | 0.07  | −0.07 | 0.06  | −0.05 | 0.1   | 0.04  | 0.01  | −0.06 | 0.01  | −0.08 | 0.08  | −0.02 | 0.01  | 0.05  | 0.01  | −0.06 | 0.02 |
| −1    | −0.03 | 0.03  | 0.12  | 0.02  | −0.22 | −0.1  | 0.08  | 0.08  | −0.04 | 0.21  | 0.11  | 0.29  | −0.09 | 0.1   | 0.23  | −0.03 | 0.13  | 0.12  | −0.23 | 0.18 |