|           | Oligo_NN     |    |                |                |             |                | OPC_NN          |          |           |                |                |                |             |                | Astro-TE_NN     |          |           |                |                |                |              | L23_IT_CTX_Glut |                 |           |           |                |                |         |             | L6_IT_CTX_Glut |                 |          |           |                |                |        |             |                |                 |
|-----------|--------------|----|----------------|----------------|-------------|----------------|-----------------|----------|-----------|----------------|----------------|----------------|-------------|----------------|-----------------|----------|-----------|----------------|----------------|----------------|--------------|-----------------|-----------------|-----------|-----------|----------------|----------------|---------|-------------|----------------|-----------------|----------|-----------|----------------|----------------|--------|-------------|----------------|-----------------|
| uwop<br>- | 0.2          | 26 |                | 0.4            |             |                | 0.19            | down     |           |                |                | 0.58           |             |                | 0.31            | down     |           |                |                | 0.52           |              |                 | 0.26            | down-     |           |                | 0.24           | 0.21    | 0.16        |                | 0.27            | down     |           |                | 0.2            | 0.27   | 0.2         |                | 0.21            |
| non -     |              |    |                | 0.29           |             | 0.17           | 0.16            | non -    |           |                |                | 0.55           |             | 0.21           | 0.24            | non -    |           |                |                |                | 0.19         | 0.19            | 0.42            | non -     |           |                |                | 0.46    |             |                |                 | non -    |           |                | 0.23           | 0.31   | 0.17        |                | 0.15            |
| dn -      |              |    |                | 0.59           |             |                | 0.16            | d -      |           |                |                | 0.76           |             |                | 0.24            | d -      |           | 0.23           |                | 0.43           | 0.16         |                 |                 | d -       |           |                |                | 0.22    | 0.26        | 0.18           | 0.24            | d -      |           | 0.32           | 0.24           |        |             |                | 0.18            |
| GWG.      | - MCG_DIMK - |    | mCH_Genebody - | ATAC -         | hic_loops - | enhancer_DMR - | enhancer_peak - |          | mCG_DMR - | mCG_Genebody - | mCH_Genebody - | ATAC -         | hic_loops - | enhancer_DMR - | enhancer_peak - |          | mCG_DMR - | mCG_Genebody - | mCH_Genebody - | ATAC -         | hic_loops -  | enhancer_DMR -  | enhancer_peak - |           | mCG_DMR - | mCG_Genebody - | mCH_Genebody - | ATAC -  | hic_loops - | enhancer_DMR - | enhancer_peak - |          | mCG_DMR - | mCG_Genebody - | mCH_Genebody - | ATAC - | hic_loops - | enhancer_DMR - | enhancer_peak - |
|           |              |    |                |                |             |                |                 |          |           |                |                |                |             |                |                 |          |           |                |                |                |              |                 |                 |           |           |                |                |         |             |                |                 |          |           |                |                |        |             |                |                 |
|           |              | L  | L6_CT          | г_стх_         | _Glut       |                |                 |          |           |                | L5_E           | T_CTX          | _Glut       |                |                 |          |           |                | CA1            | -ProS_         | Glut         |                 |                 |           |           |                | C              | CA3_Glu | ut          |                |                 |          |           |                | С              | DG_Glu | ıt          |                |                 |
| uwop<br>- |              |    |                | Γ_CTX_<br>0.18 |             |                | 0.17            | down     |           |                |                | T_CTX_<br>0.15 |             |                | 0.2             | down     |           | 0.24           |                | -ProS_<br>0.35 | Glut         |                 |                 | down<br>- |           | 0.15           |                |         | ut          |                |                 | down     |           | 0.28           | C              |        | 0.17        |                |                 |
| uwop uou  | 21           |    | 0.41           |                | 0.15        |                | 0.17            | non down |           |                |                |                |             |                | 0.2             | uwop uou |           | 0.24           |                | 0.35           | Glut<br>0.17 |                 |                 | non down  |           | 0.15           |                | 0.24    | ut<br>0.29  |                |                 | uwop uou |           | 0.28           |                |        |             |                | 0.3             |
|           | 21           | C  | 0.41           | 0.18           | 0.15        |                | 0.17            |          |           |                | 0.32           | 0.15           |             | 0.21           |                 | uou -    |           |                |                | 0.35           |              |                 |                 |           |           | 0.15           | 0.42           | 0.24    |             |                |                 |          |           |                |                | 0.37   | 0.17        |                | 0.3             |