**Supplementary Table S4** **The number of Sertoli cell subtypes in five samples in scATAC-seq.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sertoli cell subtype** | **NOA1** | **NOA2** | **NOA3** | **OA1** | **OA2** |
| Sertoli-1 | 26 | 2 | 27 | 22 | 113 |
| Sertoli-2 | 276 | 21 | 229 | 803 | 449 |
| Sertoli-3 | 155 | 9 | 18 | 182 | 237 |
| Sertoli-4 | 5 | 0 | 0 | 2 | 3 |
| Sertoli-5 | 3 | 0 | 0 | 4 | 7 |
| Sertoli-6 | 3 | 0 | 2 | 5 | 12 |
| Sertoli-7 | 5 | 0 | 3 | 3 | 6 |
| Sertoli-8 | 1 | 0 | 1 | 1 | 0 |