清华大学-IDG/麦戈文脑科学研究院单细胞测序平台测序样品信息单

Contract No.

1.Basic Information

|  |  |  |  |
| --- | --- | --- | --- |
| Project |  | Date |  |
| PI |  | 送样人 |  |
| Address |  | Phone |  |
| Email |  | | |

2.Sample Preparation

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Name | Single Cell | | | | | | Genome | |
|  |  | Concentration (cells/ul) | Cell Volume (ul) | Viability | Concentration (nuclei/ul) | nuclei Volume (ul) | Targeted Cells / nuclei | Concentration (ng/ul) | Length (kb) |
| 1 |  |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |  |

3.Cell Bead/Gem Generation

|  |  |
| --- | --- |
| Product Description | Lot Number |
| Single Cell 3’ Library Kit |  |
| Single Cell ATAC Library Kit |  |
| Single Cell 3’ + ATAC Library Kit |  |
| Visium Spatial Gene Expression |  |

4.Post GEM-RT Cleanup & cDNA Amplification / Target Enrichment / Post- GEM Incubation Cleanup

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Name | 3’/5’Gene Expression cDNA Amplification | | |
| cDNA Amp Cycles | cDNA (ng/ul) | cDNA for Library Construction (ul & ng) |
| 1 |  |  |  |  |
| 2 |  |  |  |  |
| 3 |  |  |  |  |
| 4 |  |  |  |  |
| 5 |  |  |  |  |
| 6 |  |  |  |  |
| 7 |  |  |  |  |
| 8 |  |  |  |  |

5.Library Construction 3’/5’Gene

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| No. | Name | 3’ Gene Expression | | | Name | ATAC | | |
|  |  | Index | SI-PCR Cycles | Library (ng/ul) |  | Index / Index N | SI-PCR Cycles | Library (ng/ul) |
| 1 |  |  |  |  |  |  |  |  |
| 2 |  |  |  |  |  |  |  |  |
| 3 |  |  |  |  |  |  |  |  |
| 4 |  |  |  |  |  |  |  |  |
| 5 |  |  |  |  |  |  |  |  |
| 6 |  |  |  |  |  |  |  |  |
| 7 |  |  |  |  |  |  |  |  |
| 8 |  |  |  |  |  |  |  |  |