|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample name** | **Total reads** | **Total mapped** | **Multiple mapped** | **Unique mapped** | **Reads map to '+'** | **Reads map to '-'** | **Non-splice reads** | **Splice reads** |
| Blank-1 | 40519526 | 33799528(83.42%) | 4321601(10.67%) | 29477927(72.75%) | 14708639(36.30%) | 14769288(36.45%) | 22786489(56.24%) | 6691438(16.51%) |
| Blank-2 | 61262968 | 54702172(89.29%) | 6072862(9.91%) | 48629310(79.38%) | 24266985(39.61%) | 24362325(39.77%) | 33111140(54.05%) | 15518170(25.33%) |
| Blank-3 | 65007162 | 60439297(92.97%) | 5974421(9.19%) | 54464876(83.78%) | 27181016(41.81%) | 27283860(41.97%) | 35148810(54.07%) | 19316066(29.71%) |
| Met-1 | 70223266 | 65153354(92.78%) | 6210054(8.84%) | 58943300(83.94%) | 29408458(41.88%) | 29534842(42.06%) | 37695693(53.68%) | 21247607(30.26%) |
| Met-2 | 47254612 | 43459659(91.97%) | 4721925(9.99%) | 38737734(81.98%) | 19336209(40.92%) | 19401525(41.06%) | 26462748(56.00%) | 12274986(25.98%) |
| Met-3 | 40896918 | 33610228(82.18%) | 4336210(10.60%) | 29274018(71.58%) | 14601211(35.70%) | 14672807(35.88%) | 22996024(56.23%) | 6277994(15.35%) |

**Table S4 Statistical table of reads mapping to the reference genome**