|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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**