Comparison between bwa and bbmpa

Bbmap2 is bbmpa with different parameters (k=8, maxindel=200, minratio=0.1, trd=t)

|  |  |  |  |
| --- | --- | --- | --- |
| feature | Bwa | Bbmap | Bbmap2 |
| Mapped (%) | 7.86 | 7.72 | 62.79 |
| Primary mapped (%) | 7.78 | 7.72 | 62.79 |
| Total time (sec) | 6.871 | 8.771 | 61.070 |

From the table above, we see the Mapped Percentage and Primary Mapped Percentage and the total time are not different between Bwa and bbmpa with default parameters. But changing the parameters of Bbmap will have a significant effect on the Mapped Percentage and the total time.