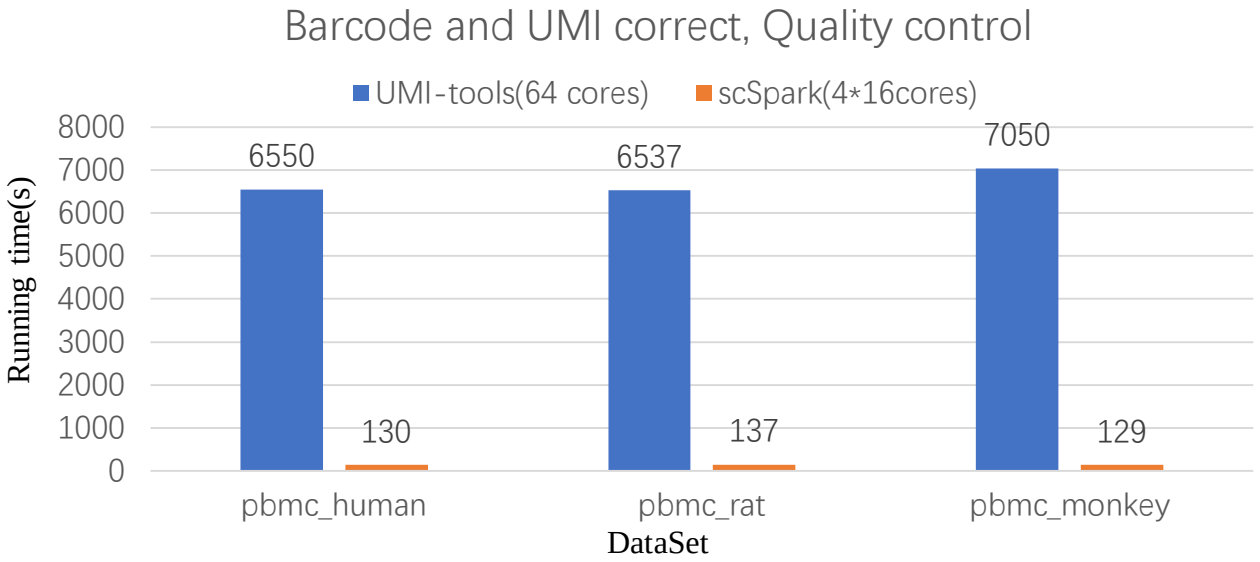
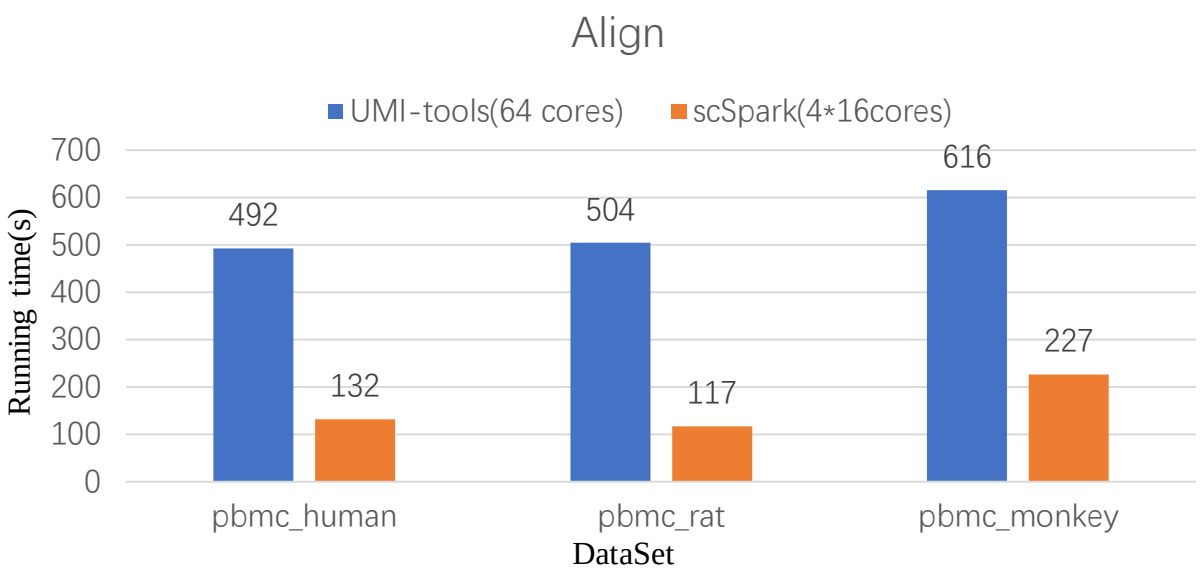
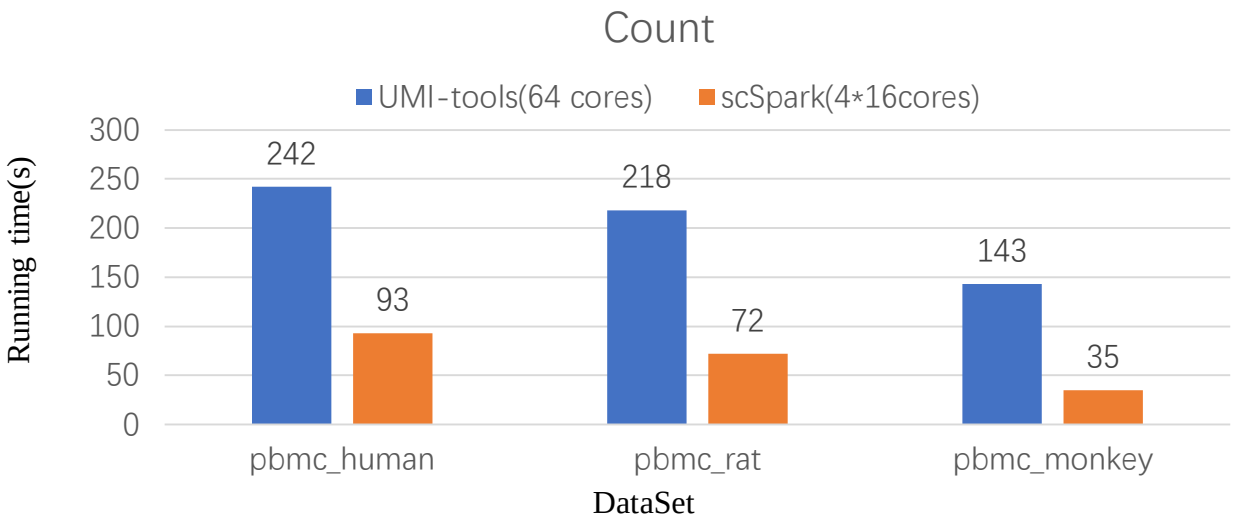
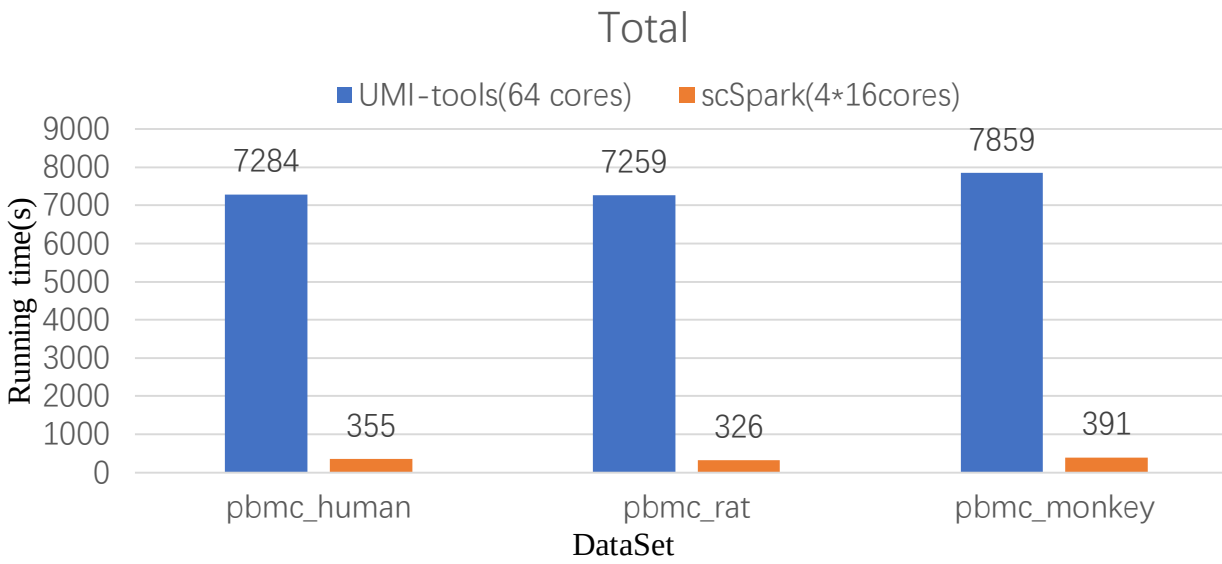

Barcode and UMI correct, Quality control
UMI-tools(64 cores)
scSpark(4*16cores)
Running time(s)
8000
7000
6000
5000
4000
3000
2000
1000
0
6550
130
6537
137
7050
129
pbmc_human
pbmc_rat
pbmc_monkey
DataSet


Align
UMI-tools(64 cores)
scSpark(4*16cores)
Running time(s)
700
600
500
400
300
200
100
0
492
132
504
117
616
227
pbmc_human
pbmc_rat
pbmc_monkey
DataSet


Count
UMI-tools(64 cores)
scSpark(4*16cores)
Running time(s)
300
250
200
150
100
50
0
242
93
218
72
143
35
pbmc_human
pbmc_rat
pbmc_monkey
DataSet


Total
UMI-tools(64 cores)
scSpark(4*16cores)
Running time(s)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
7284
355
7259
326
7859
391
pbmc_human
pbmc_rat
pbmc_monkey
DataSet