

Command Line Benchmark Results

Experiment	Enzyme	Process Time (sec.)	Predict Time (sec.)	Process Max Mem (MB)	Predict Max Mem (MB)	Process Avg CPU (%)	Predict Avg CPU (%)	Control Read pairs	Experimental Read pairs
1	SpyCas9	14.36 ± 0.21	2.83 ± 0.03	239.92 ± 6.21	288.33 ± 3.66	10.35 ± 0.36	79.08 ± 1.81	642,368	551,539
2	SpyCas9	18.30 ± 0.26	2.83 ± 0.14	239.80 ± 8.67	286.65 ± 3.22	7.99 ± 0.36	77.05 ± 3.45	910,598	827,259
3	AmaTnpB	7.32 ± 1.94	2.56 ± 0.28	241.74 ± 6.40	286.78 ± 2.47	21.10 ± 2.58	82.32 ± 6.74	171,537	130,279
4	AsCas12a	28.07 ± 0.63	2.86 ± 0.05	233.58 ± 1.72	287.49 ± 2.40	5.22 ± 0.26	77.37 ± 2.21	642,982	2,247,820
5	BrCas12b	14.89 ± 0.36	3.41 ± 1.43	238.23 ± 7.53	287.70 ± 3.97	10.05 ± 0.65	75.60 ± 10.97	642,982	686,819
6	Cas12i1	30.09 ± 1.43	2.85 ± 0.04	239.22 ± 8.97	289.03 ± 1.87	5.01 ± 0.32	77.50 ± 1.49	1,278,593	1,686,551
7	LbCas12a	22.49 ± 0.84	3.05 ± 0.09	234.28 ± 2.29	288.31 ± 4.05	6.87 ± 0.22	79.15 ± 1.64	642,982	1,436,737