

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	14.12 ± 0.21	2.69 ± 0.15	246.63 ± 1.05	284.91 ± 3.15	10.07 ± 0.29	75.57 ± 4.39	642,368	551,539
2	SpyCas9	17.98 ± 0.28	3.69 ± 2.89	245.73 ± 5.65	287.57 ± 2.31	8.33 ± 0.61	73.32 ± 14.22	910,598	827,259
3	AmaTnpB	6.61 ± 0.08	2.47 ± 0.05	247.70 ± 1.11	284.12 ± 3.13	22.33 ± 0.76	82.24 ± 2.54	171,537	130,279
4	AsCas12a	27.85 ± 1.08	2.78 ± 0.05	235.88 ± 6.46	290.28 ± 3.10	5.61 ± 0.36	76.99 ± 2.65	642,982	2,247,820
5	BrCas12b	14.89 ± 0.36	2.81 ± 0.09	242.58 ± 6.94	286.06 ± 3.22	9.89 ± 0.46	73.48 ± 2.45	642,982	686,819
6	Cas12i1	29.37 ± 0.79	3.60 ± 2.55	239.15 ± 7.61	289.03 ± 2.51	5.16 ± 0.25	72.91 ± 13.37	1,278,593	1,686,551
7	LbCas12a	20.84 ± 0.36	2.71 ± 0.04	238.39 ± 5.56	287.03 ± 4.03	7.13 ± 0.39	77.59 ± 1.26	642,982	1,436,737