

## Chrome App Benchmark Results

| Experiment | Enzyme   | Elapsed Time (sec.) | Max Mem (MB) | Avg CPU (%)     | Control Read pairs | Experimental Read pairs |
|------------|----------|---------------------|--------------|-----------------|--------------------|-------------------------|
| 1          | SpyCas9  | 12.86 ± 0.39        | 13.00 ± 0.22 | 0.0011 ± 0.0030 | 642,368            | 551,539                 |
| 2          | SpyCas9  | 17.69 ± 1.04        | 11.17 ± 2.24 | 0.0003 ± 0.0003 | 910,598            | 827,259                 |
| 3          | AmaTnpB  | 4.22 ± 0.11         | 13.25 ± 0.57 | 0.0016 ± 0.0019 | 171,537            | 130,279                 |
| 4          | AsCas12a | 26.65 ± 0.42        | 9.15 ± 0.18  | 0.0005 ± 0.0006 | 642,982            | 2,247,820               |
| 5          | BrCas12b | 13.66 ± 0.50        | 9.24 ± 0.25  | 0.0004 ± 0.0008 | 642,982            | 686,819                 |
| 6          | Cas12i1  | 29.02 ± 0.47        | 8.82 ± 0.44  | 0.0007 ± 0.0012 | 1,278,593          | 1,686,551               |
| 7          | LbCas12a | 20.35 ± 0.70        | 8.58 ± 0.62  | 0.0003 ± 0.0007 | 642,982            | 1,436,737               |