



Run Info

Host Name	GXB03020 (localhost)
Experiment Name	ReadUntil_38kbp_MmEnrich_Mm_15042021
Sample ID	ReadUntil_38kbp_MmEnrich_Mm_15042021
Run ID	421290ac-8c42-482f-8514-e0e3e1a8f684
Flow Cell Id	FAP21384
Start Time	April 15, 12:00
Run Length	3d 0h 3m

Run Summary

Reads Generated	1.62 M
Passed Bases	10.2 Gb
Failed Bases	710.08 Mb
Estimated Bases	11.08 Gb

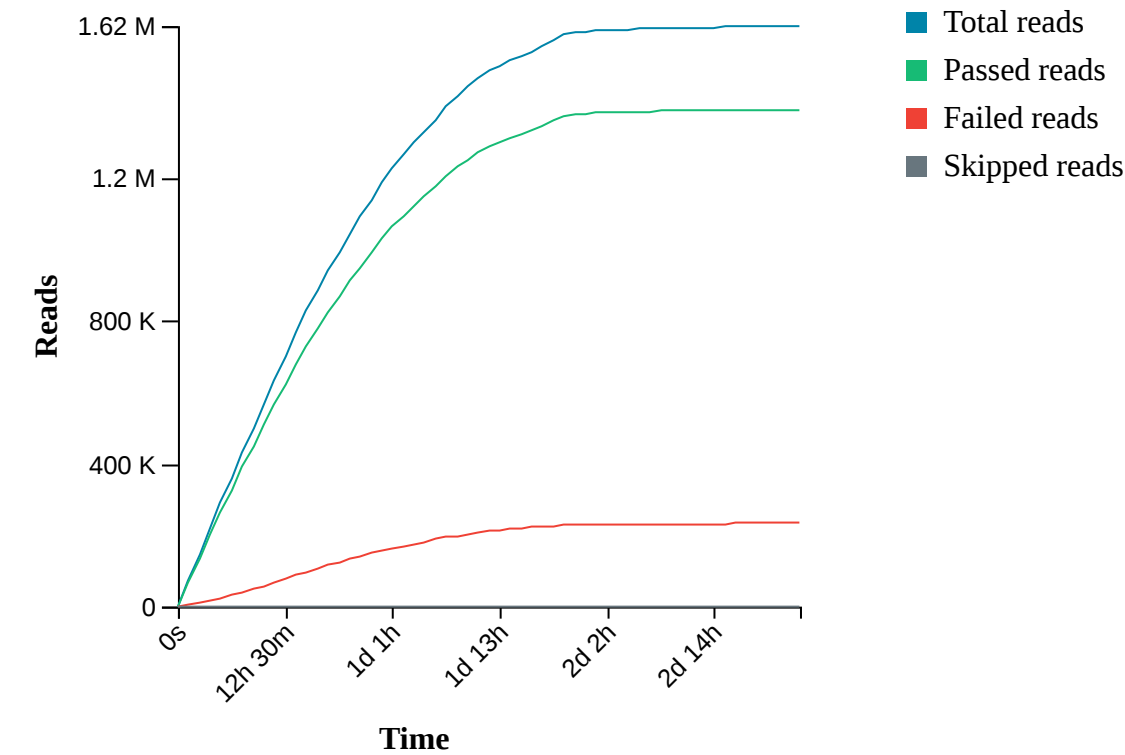
Run Parameters

Flow Cell Type	FLO-MIN106
Kit	SQK-LSK109
Initial Bias Voltage	-180 mV
FAST5 Output	Enabled
FASTQ Output	Enabled
BAM Output	Enabled
Active Channel Selection	Enabled
Basecalling	on
Specified Run Length	72 hours
Read Until	reference_files=[["/data/M_morganii_ref.fasta"],filter_type=enrich,first_channel=1,last_channel=256
FAST5 Reads per File	4000
FAST5 Output Options	zlib_compress,fastq,raw
FASTQ Reads per File	4000
Mux Scan Period	1 hour 30 minutes
Reserved Pores	0 %
Basecall Model	High-accuracy basecalling
Alignment	reference_files=[["/data/the7references.fasta"]
Read Filtering	min_qscore=7

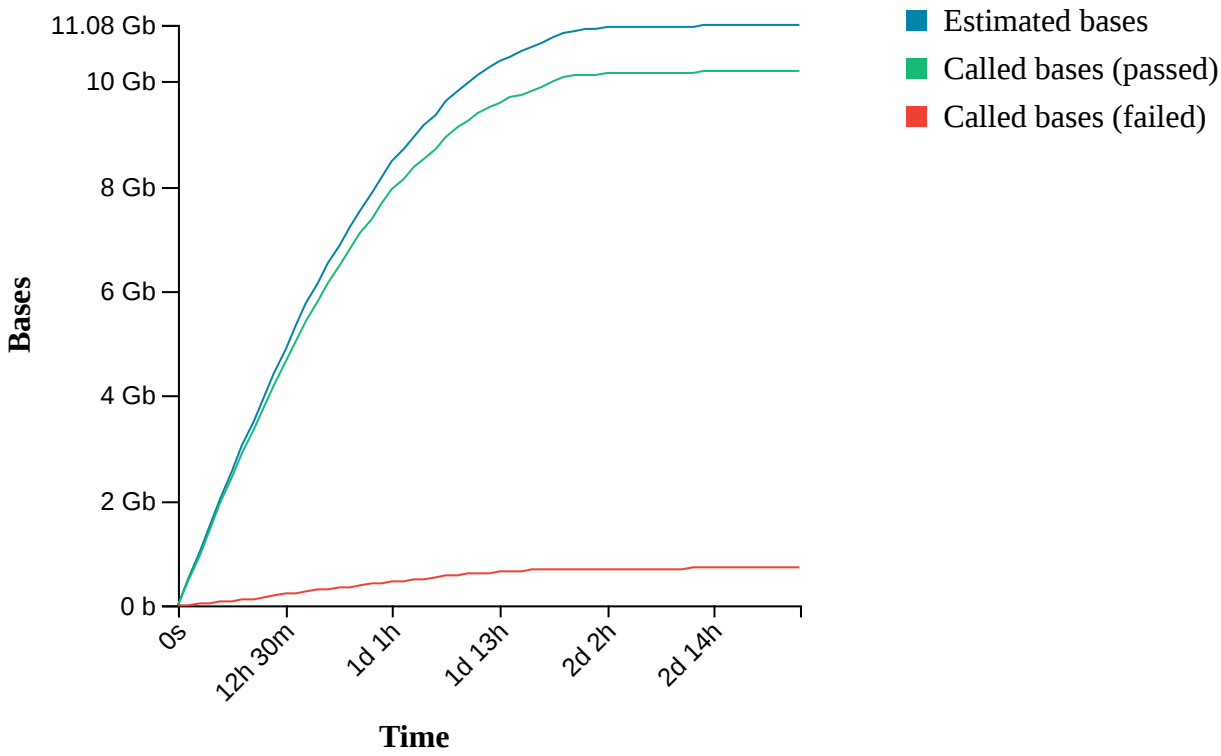
Versions

MinKNOW	21.02.5
MinKNOW Core	4.2.5
Bream	6.1.10
Guppy	4.3.4

Cumulative Output Reads

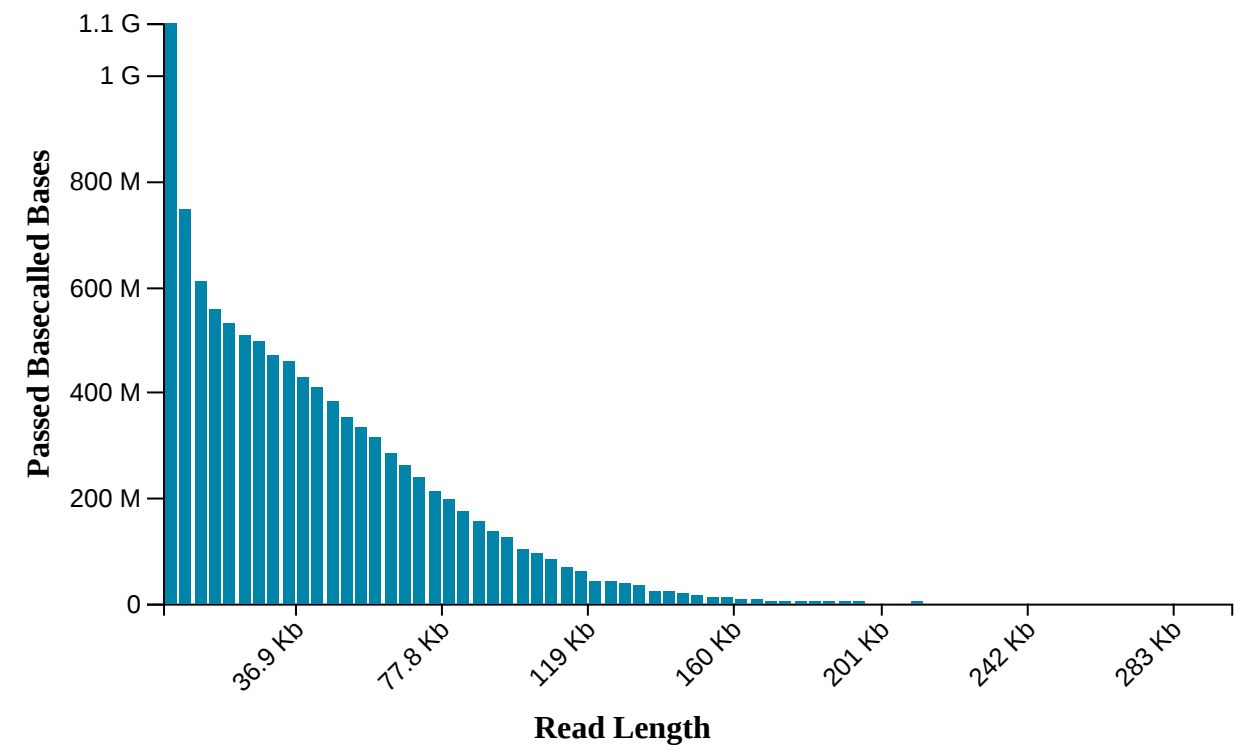


Cumulative Output Bases



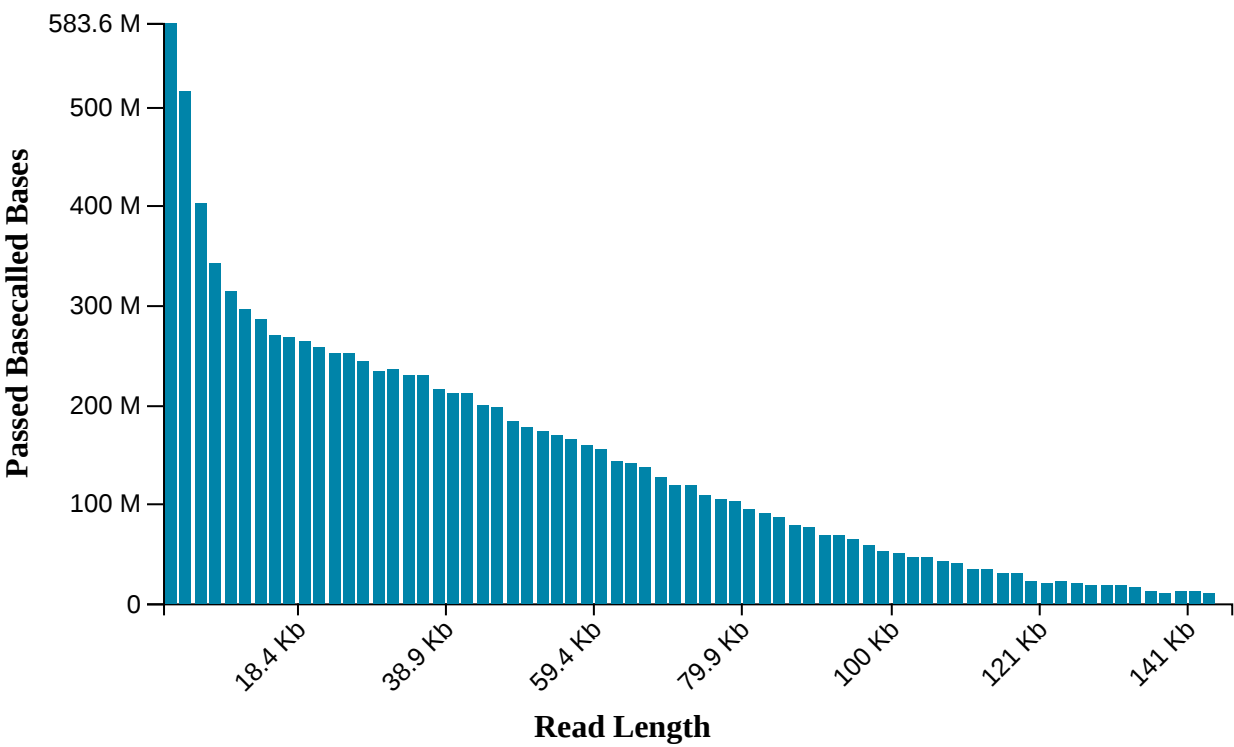
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 33.56 K



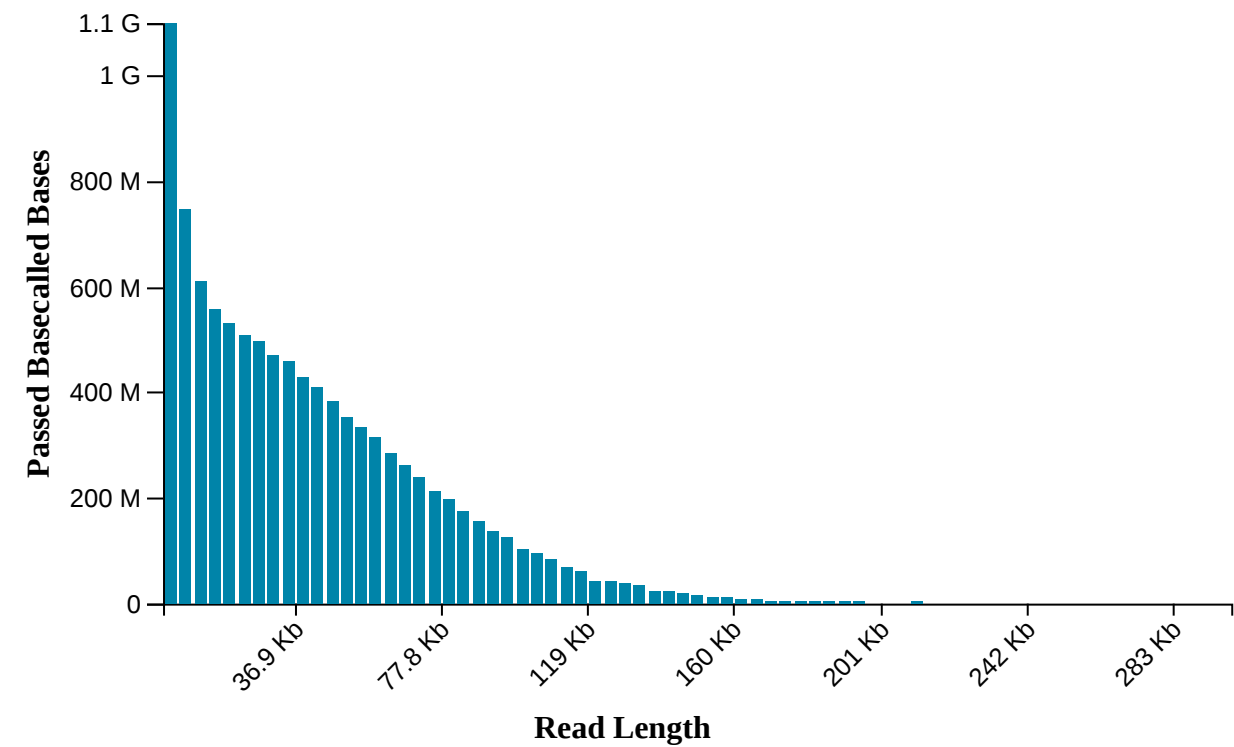
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 33.11 K



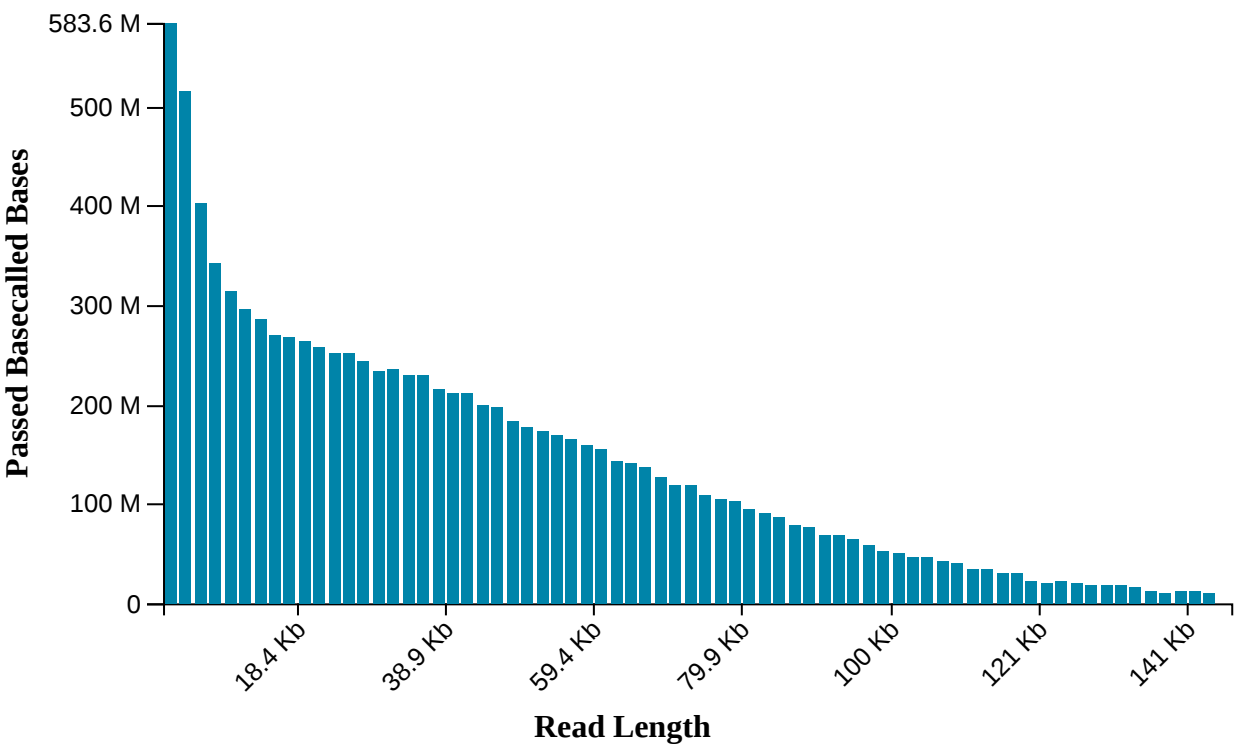
Read Length Histogram Estimated Bases

Estimated N50: 33.56 K

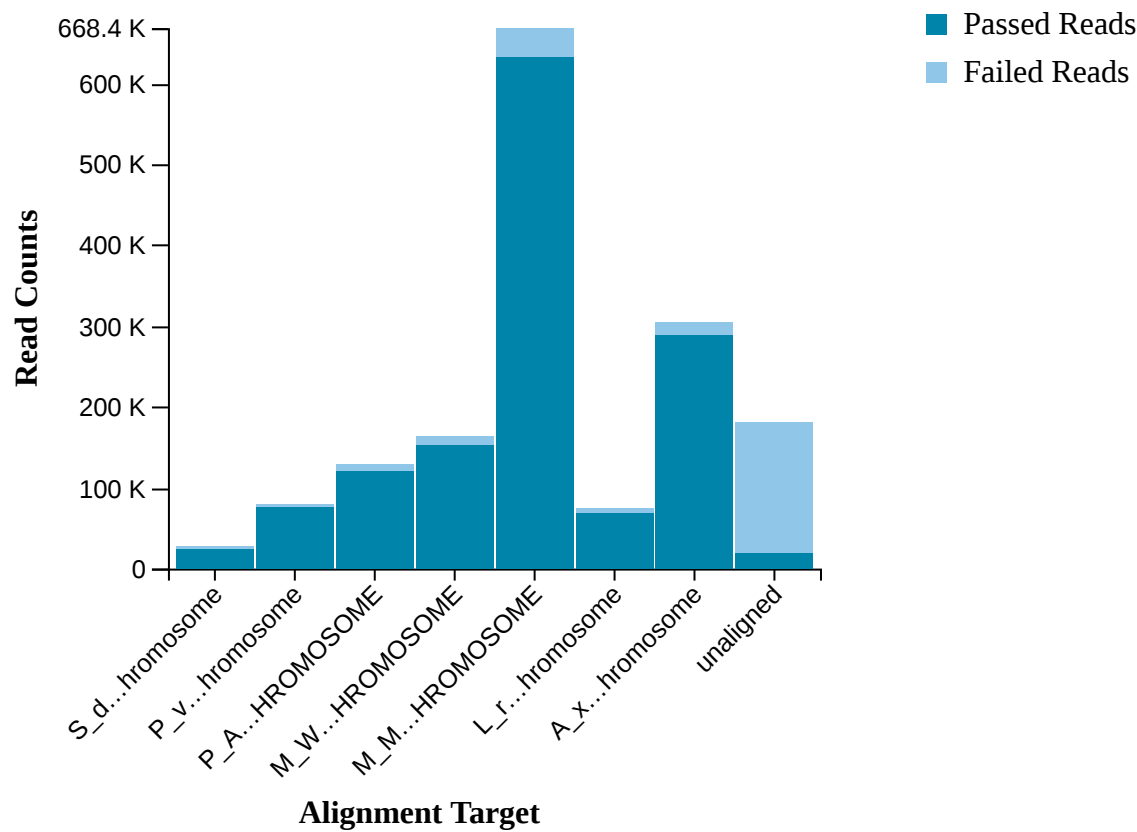


Read Length Histogram Basecalled Bases

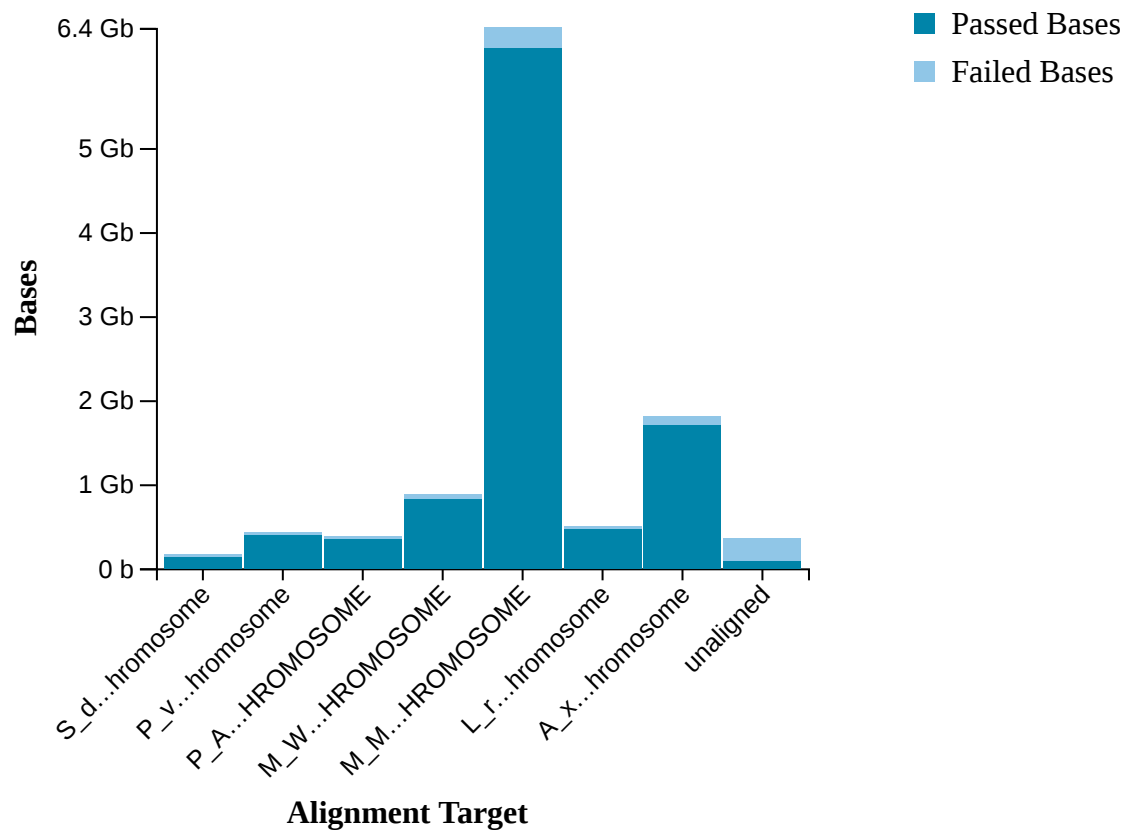
Estimated N50: 33.11 K



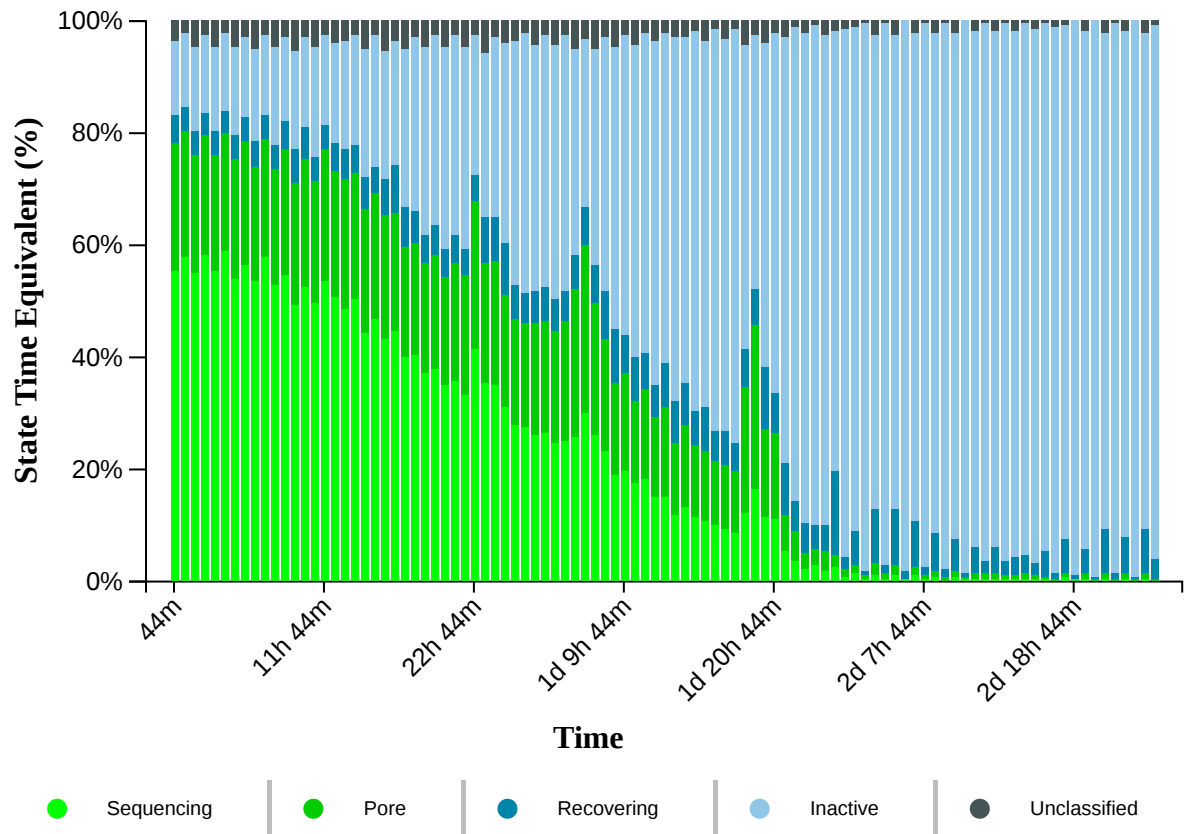
Alignment Target Hits (reads)



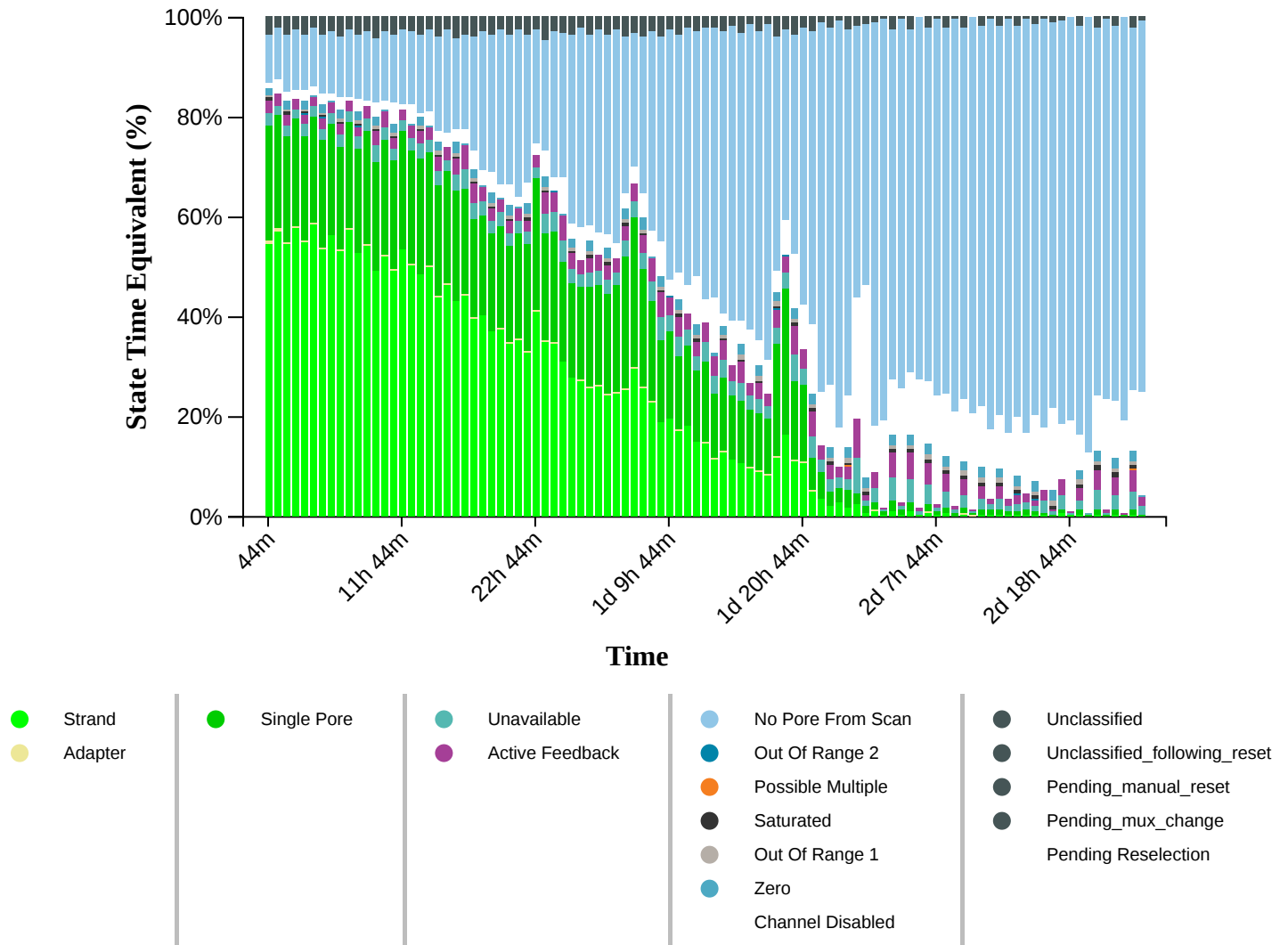
Alignment Target Hits (bases)



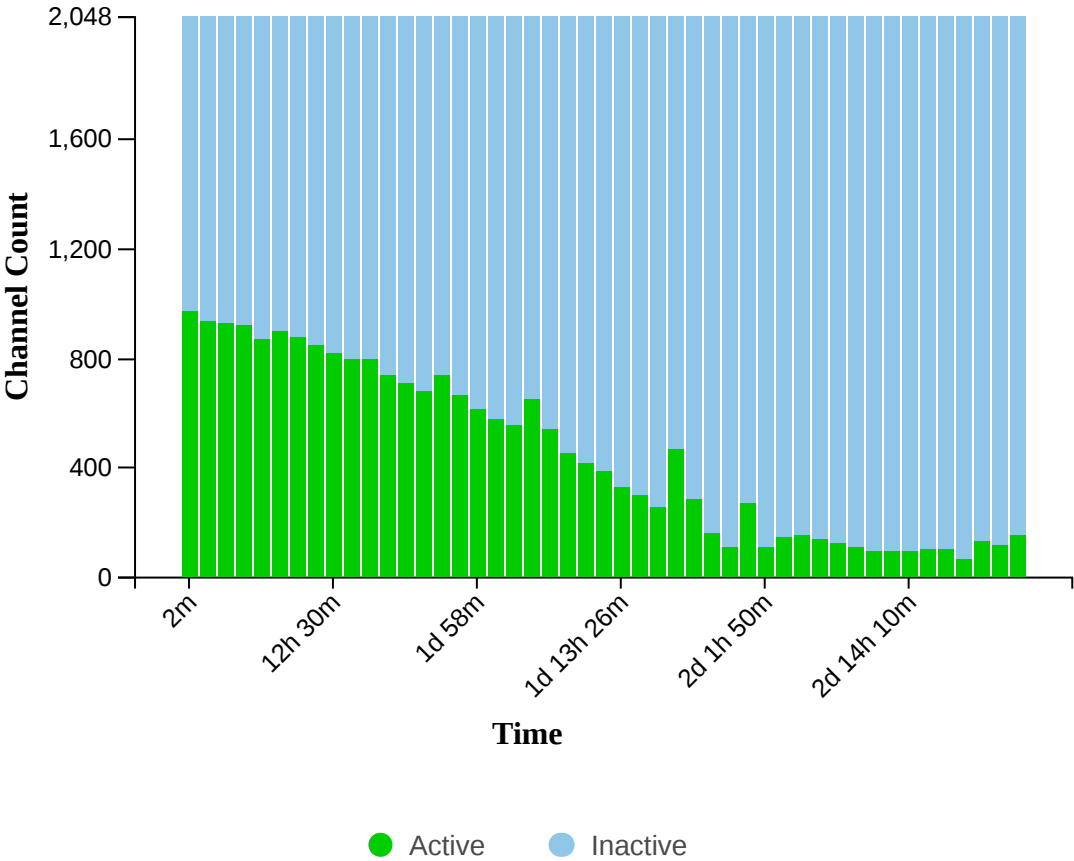
Duty Time Grouped



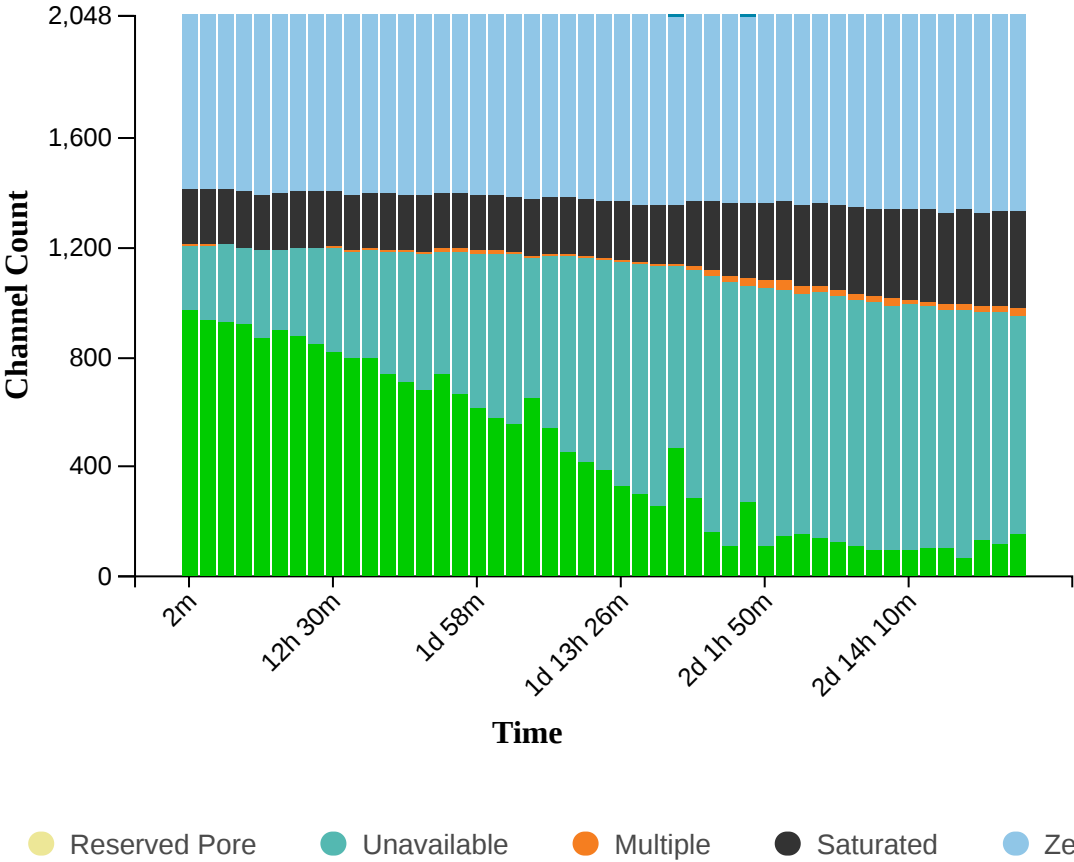
Duty time Categorised



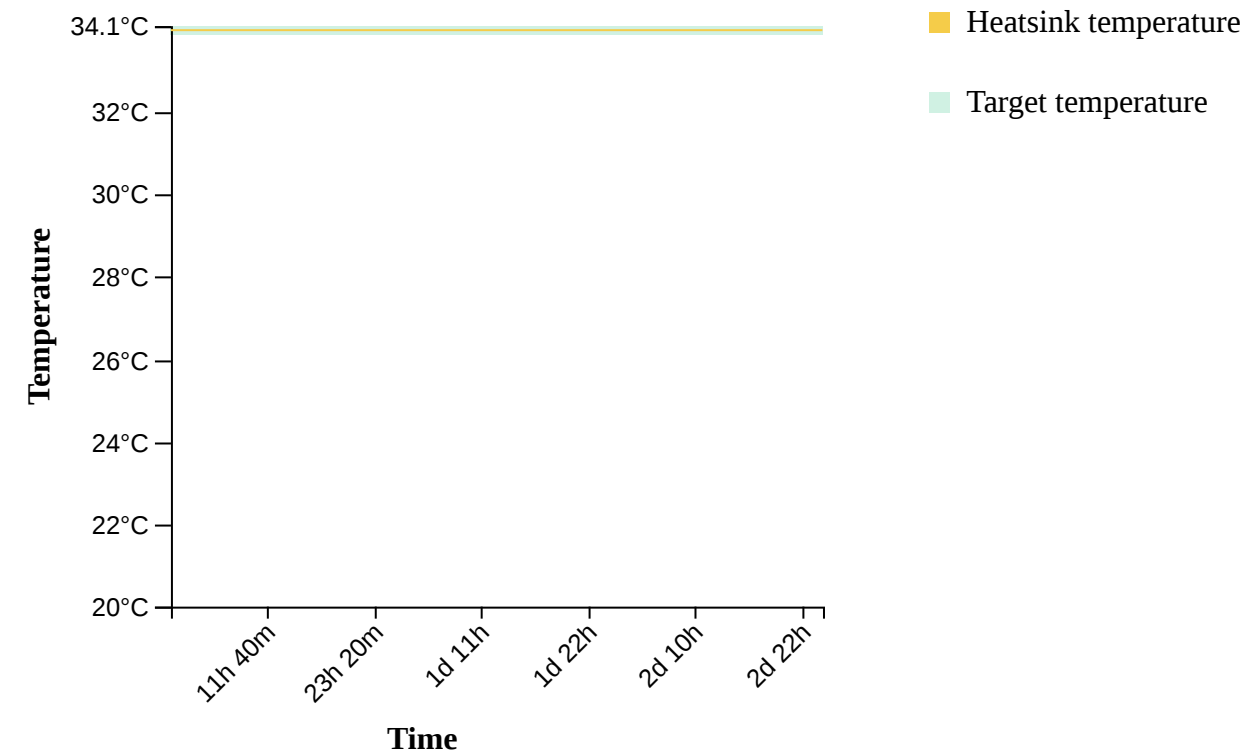
Mux Scan Grouped



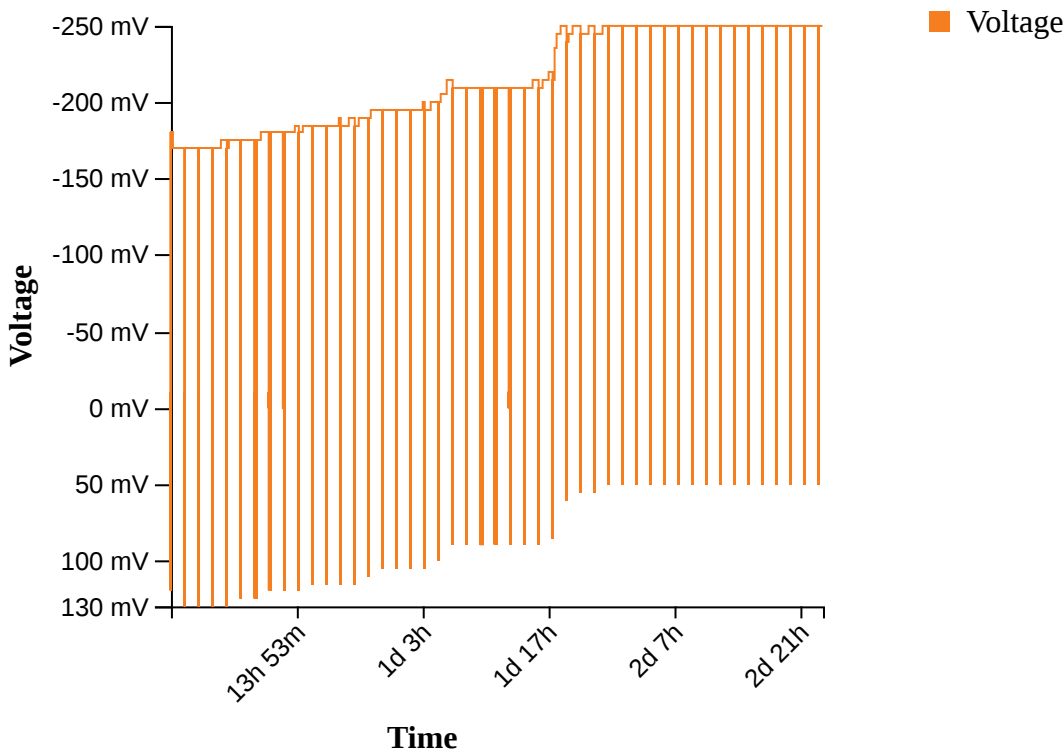
Mux Scan Categorised



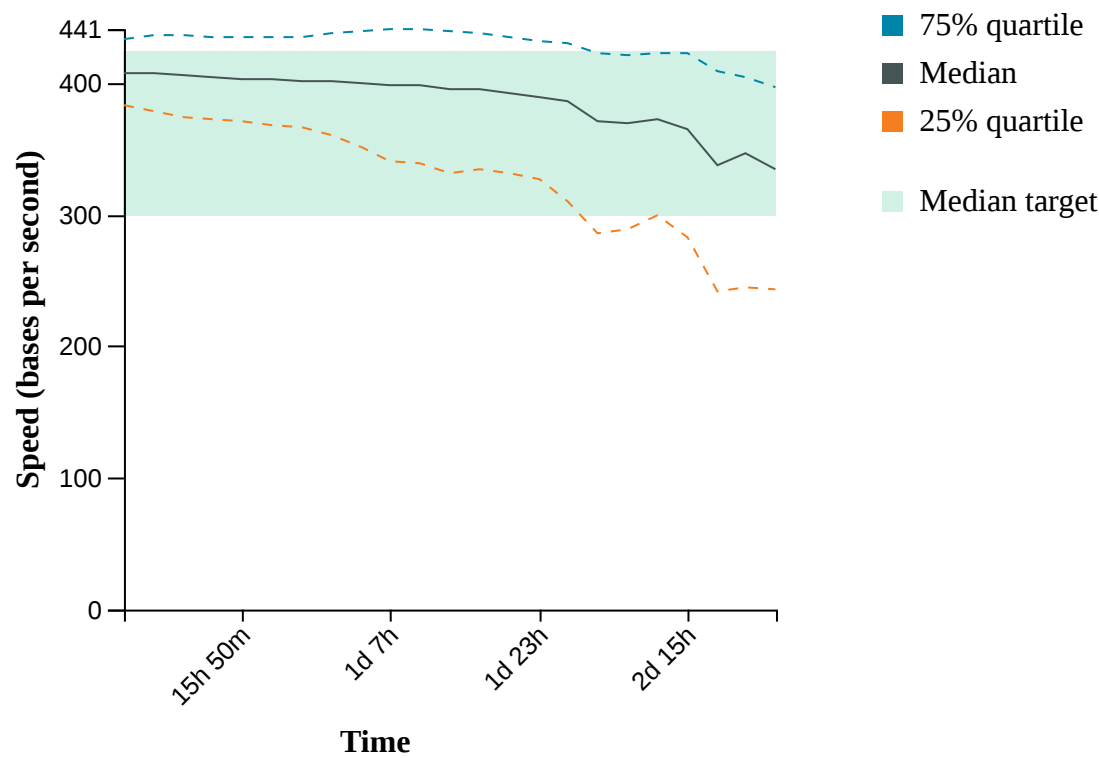
Temperature History.



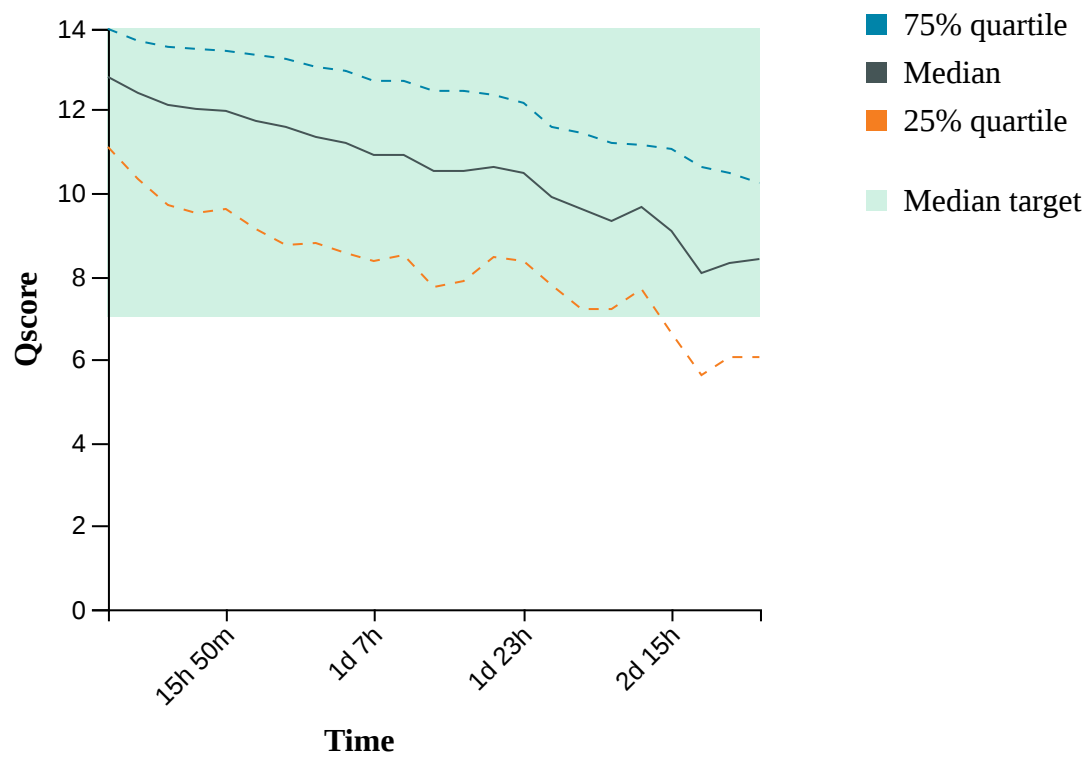
Bias Voltage History.



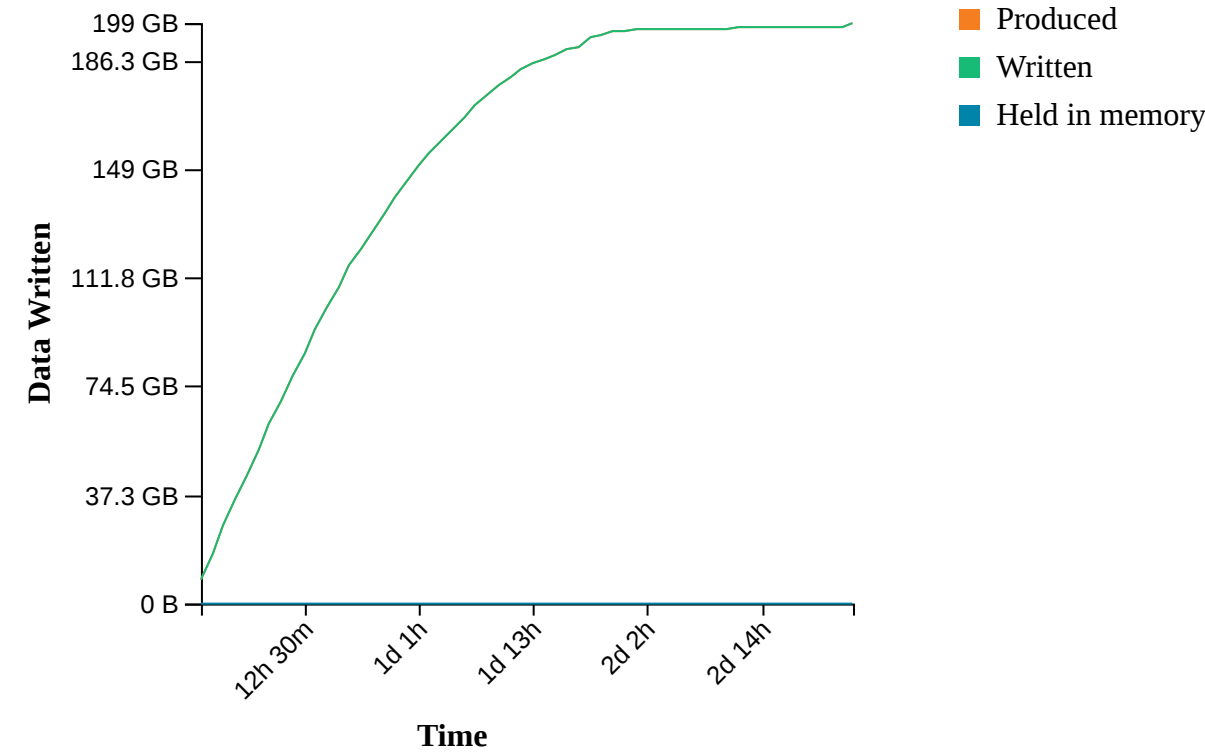
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue April 18, 12:03
- Mux scan for flow cell FAP21384 has found a total of 152 pores. 130 pores available for immediate sequencing April 18, 11:29
- Performing Mux Scan April 18, 11:27
- Mux scan for flow cell FAP21384 has found a total of 114 pores. 100 pores available for immediate sequencing April 18, 09:56
- Performing Mux Scan April 18, 09:54
- Mux scan for flow cell FAP21384 has found a total of 129 pores. 122 pores available for immediate sequencing April 18, 08:24
- Performing Mux Scan April 18, 08:22
- Mux scan for flow cell FAP21384 has found a total of 69 pores. 67 pores available for immediate sequencing April 18, 06:52
- Performing Mux Scan April 18, 06:49
- Mux scan for flow cell FAP21384 has found a total of 106 pores. 100 pores available for immediate sequencing April 18, 05:19
- Performing Mux Scan April 18, 05:17
- Mux scan for flow cell FAP21384 has found a total of 102 pores. 94 pores available for immediate sequencing April 18, 03:47
- Performing Mux Scan April 18, 03:44
- Mux scan for flow cell FAP21384 has found a total of 92 pores. 88 pores available for immediate sequencing April 18, 02:14
- Performing Mux Scan April 18, 02:12
- Mux scan for flow cell FAP21384 has found a total of 94 pores. 88 pores available for immediate sequencing April 18, 00:42
- Performing Mux Scan April 18, 00:39
- Mux scan for flow cell FAP21384 has found a total of 96 pores. 91 pores available for immediate sequencing April 17, 23:09
- Performing Mux Scan April 17, 23:07
- Mux scan for flow cell FAP21384 has found a total of 111 pores. 106 pores available for immediate sequencing April 17, 21:37
- Performing Mux Scan April 17, 21:34
- Mux scan for flow cell FAP21384 has found a total of 121 pores. 110 pores available for immediate sequencing April 17, 20:04
- Performing Mux Scan April 17, 20:02
- Mux scan for flow cell FAP21384 has found a total of 142 pores. 126 pores available for immediate sequencing April 17, 18:32
- Performing Mux Scan April 17, 18:29
- Mux scan for flow cell FAP21384 has found a total of 154 pores. 142 pores available for immediate sequencing April 17, 16:59
- Performing Mux Scan April 17, 16:57
- Mux scan for flow cell FAP21384 has found a total of 144 pores. 134 pores available for immediate sequencing April 17, 15:27
- Performing Mux Scan April 17, 15:24
- Mux scan for flow cell FAP21384 has found a total of 111 pores. 99 pores available for immediate sequencing April 17, 13:54
- Performing Mux Scan April 17, 13:52
- Mux scan for flow cell FAP21384 has found a total of 270 pores. 234 pores available for immediate sequencing April 17, 12:22
- Performing Mux Scan April 17, 12:19

- Mux scan for flow cell FAP21384 has found a total of 107 pores. 96 pores available for immediate sequencing April 17, 10:49
- Performing Mux Scan April 17, 10:47
- Mux scan for flow cell FAP21384 has found a total of 161 pores. 133 pores available for immediate sequencing April 17, 09:17
- Performing Mux Scan April 17, 09:14
- Mux scan for flow cell FAP21384 has found a total of 283 pores. 227 pores available for immediate sequencing April 17, 07:43
- Performing Mux Scan April 17, 07:41
- Mux scan for flow cell FAP21384 has found a total of 466 pores. 316 pores available for immediate sequencing April 17, 06:10
- Performing Mux Scan April 17, 06:08
- Mux scan for flow cell FAP21384 has found a total of 253 pores. 168 pores available for immediate sequencing April 17, 04:36
- Performing Mux Scan April 17, 04:34
- Mux scan for flow cell FAP21384 has found a total of 302 pores. 200 pores available for immediate sequencing April 17, 03:03
- Performing Mux Scan April 17, 03:01
- Mux scan for flow cell FAP21384 has found a total of 328 pores. 210 pores available for immediate sequencing April 17, 01:30
- Performing Mux Scan April 17, 01:27
- Mux scan for flow cell FAP21384 has found a total of 385 pores. 234 pores available for immediate sequencing April 16, 23:56
- Performing Mux Scan April 16, 23:54
- Mux scan for flow cell FAP21384 has found a total of 420 pores. 249 pores available for immediate sequencing April 16, 22:23
- Performing Mux Scan April 16, 22:20
- Mux scan for flow cell FAP21384 has found a total of 450 pores. 256 pores available for immediate sequencing April 16, 20:49
- Performing Mux Scan April 16, 20:47
- Mux scan for flow cell FAP21384 has found a total of 544 pores. 306 pores available for immediate sequencing April 16, 19:16
- Performing Mux Scan April 16, 19:13
- Mux scan for flow cell FAP21384 has found a total of 654 pores. 375 pores available for immediate sequencing April 16, 17:42
- Performing Mux Scan April 16, 17:40
- Mux scan for flow cell FAP21384 has found a total of 553 pores. 293 pores available for immediate sequencing April 16, 16:09
- Performing Mux Scan April 16, 16:06
- Mux scan for flow cell FAP21384 has found a total of 581 pores. 303 pores available for immediate sequencing April 16, 14:35
- Performing Mux Scan April 16, 14:33
- Mux scan for flow cell FAP21384 has found a total of 612 pores. 308 pores available for immediate sequencing April 16, 13:02
- Performing Mux Scan April 16, 12:59
- Mux scan for flow cell FAP21384 has found a total of 669 pores. 363 pores available for immediate sequencing April 16, 11:28
- Performing Mux Scan April 16, 11:26
- Mux scan for flow cell FAP21384 has found a total of 740 pores. 395 pores available for immediate sequencing April 16, 09:55
- Performing Mux Scan April 16, 09:52
- Mux scan for flow cell FAP21384 has found a total of 682 pores. 340 pores available for

- immediate sequencing April 16, 08:21
- Performing Mux Scan April 16, 08:19
- Mux scan for flow cell FAP21384 has found a total of 707 pores. 354 pores available for immediate sequencing April 16, 06:48
- Performing Mux Scan April 16, 06:45
- Mux scan for flow cell FAP21384 has found a total of 738 pores. 370 pores available for immediate sequencing April 16, 05:14
- Performing Mux Scan April 16, 05:12
- Mux scan for flow cell FAP21384 has found a total of 796 pores. 415 pores available for immediate sequencing April 16, 03:41
- Performing Mux Scan April 16, 03:38
- Mux scan for flow cell FAP21384 has found a total of 799 pores. 406 pores available for immediate sequencing April 16, 02:07
- Performing Mux Scan April 16, 02:05
- Mux scan for flow cell FAP21384 has found a total of 821 pores. 428 pores available for immediate sequencing April 16, 00:34
- Performing Mux Scan April 16, 00:31
- Mux scan for flow cell FAP21384 has found a total of 850 pores. 436 pores available for immediate sequencing April 15, 23:00
- Performing Mux Scan April 15, 22:58
- Mux scan for flow cell FAP21384 has found a total of 875 pores. 440 pores available for immediate sequencing April 15, 21:27
- Performing Mux Scan April 15, 21:24
- Mux scan for flow cell FAP21384 has found a total of 900 pores. 442 pores available for immediate sequencing April 15, 19:53
- Performing Mux Scan April 15, 19:51
- Mux scan for flow cell FAP21384 has found a total of 869 pores. 443 pores available for immediate sequencing April 15, 18:20
- Performing Mux Scan April 15, 18:17
- Mux scan for flow cell FAP21384 has found a total of 921 pores. 447 pores available for immediate sequencing April 15, 16:46
- Performing Mux Scan April 15, 16:44
- Mux scan for flow cell FAP21384 has found a total of 931 pores. 452 pores available for immediate sequencing April 15, 15:13
- Performing Mux Scan April 15, 15:10
- Mux scan for flow cell FAP21384 has found a total of 936 pores. 449 pores available for immediate sequencing April 15, 13:39
- Performing Mux Scan April 15, 13:37
- Mux scan for flow cell FAP21384 has found a total of 976 pores. 460 pores available for immediate sequencing April 15, 12:06
- Performing Mux Scan April 15, 12:03
- Starting sequencing procedure April 15, 12:03
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C April 15, 12:00