Run Info

Host Name	**MC-111715 (localhost)**
Experiment Name	**Californication**
Sample ID	**no_sample**
Run ID	**c1667b8c-c952-41c2-897d-a513c48baea5**
Flow Cell Id	**FAQ33068**
Start Time	**January 14, 19:13**
Run Length	**3d 0h 2m**

Run Summary

Reads Generated	**3.13 M**
Passed Bases	**2.55 Gb**
Failed Bases	**680.26 Mb**
Estimated Bases	**3.29 Gb**

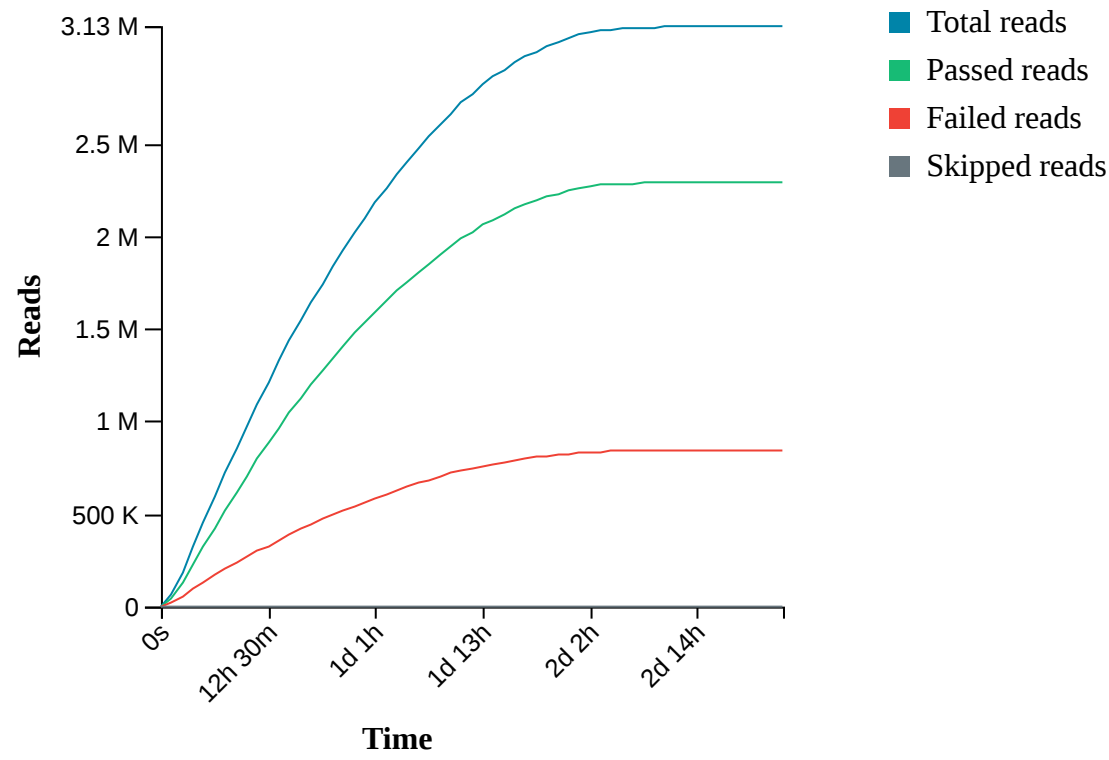
Run Parameters

Flow Cell Type	**FLO-MIN111**
Kit	**SQK-LSK109**
Initial Bias Voltage	**-180 mV**
FAST5 Output	**Enabled**
FASTQ Output	**Enabled**
BAM Output	**Disabled**
Active Channel Selection	**Enabled**
Basecalling	**on**
Specified Run Length	**72 hours**
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	**Fast basecalling**
Barcoding	**barcoding_kits=["EXP-NBD196"],trim_barcodes="off",require_barcodes_both_ends="off", detect_mid_strand_barcodes="off",min_score=40**
Read Filtering	**min_qscore=7**

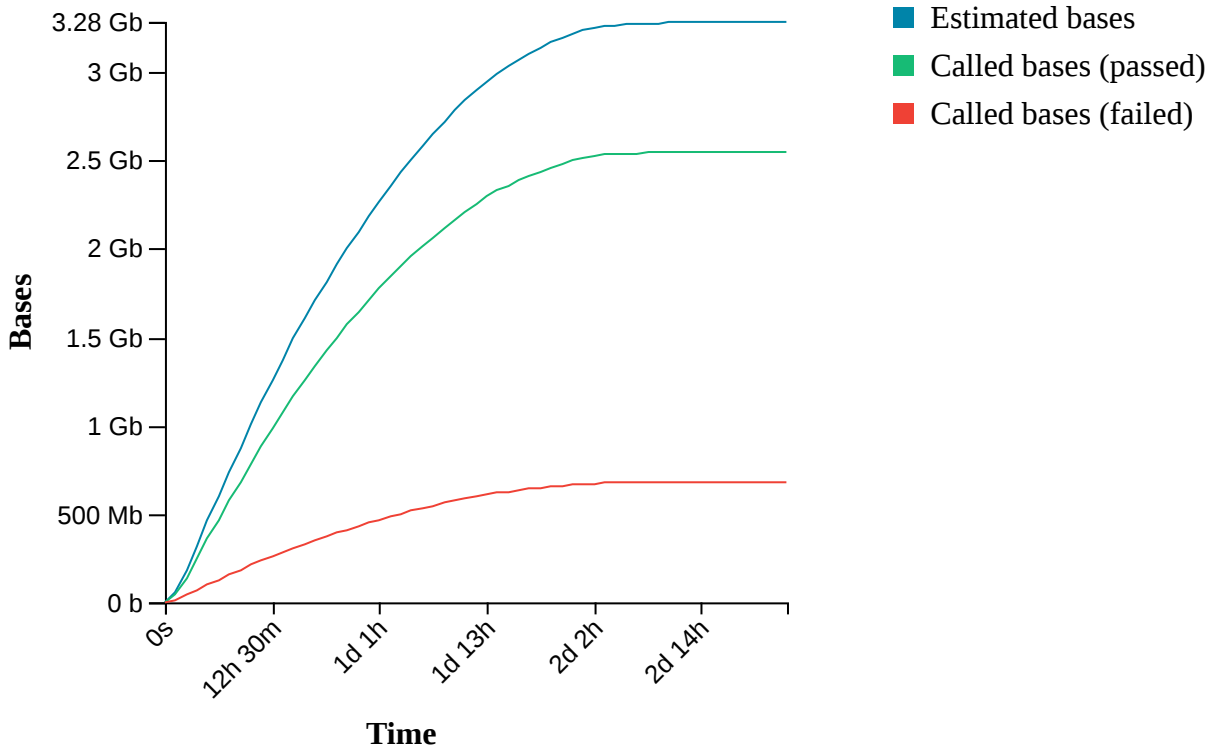
Versions

MinKNOW	**21.02.2**
MinKNOW Core	**4.2.4**
Bream	**6.1.10**
Guppy	**4.3.4**

Cumulative Output Reads

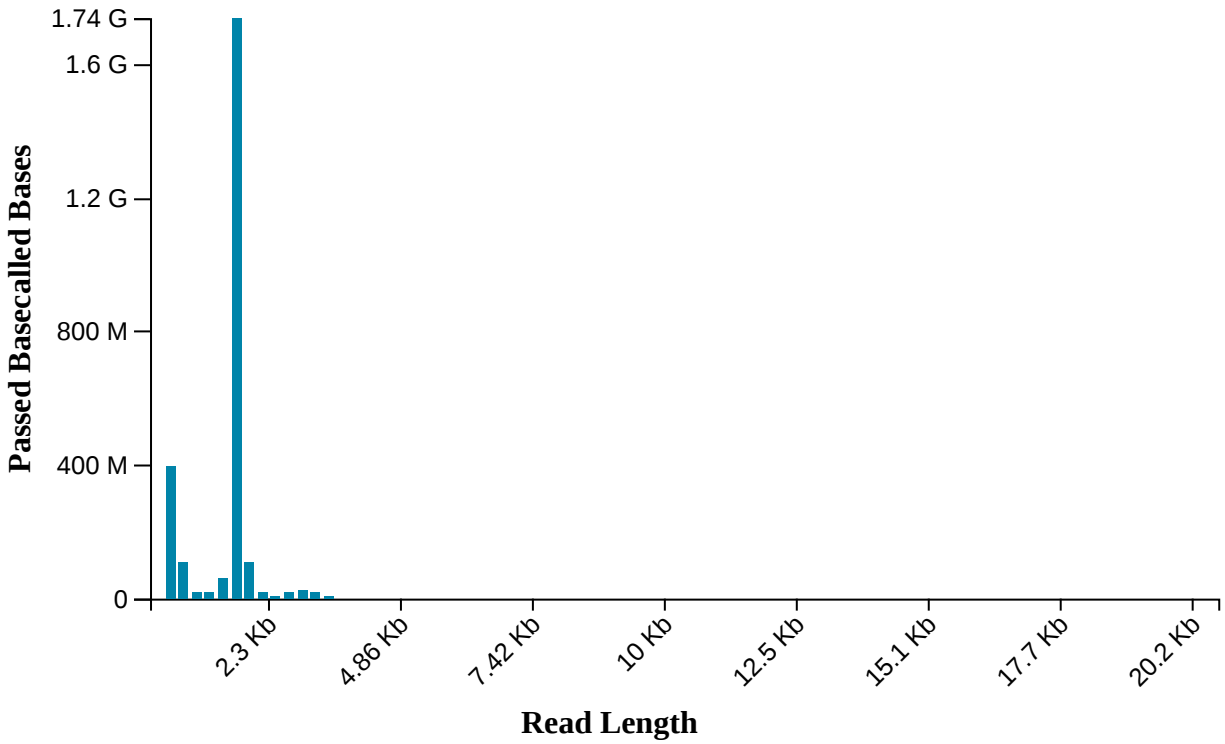


Cumulative Output Bases



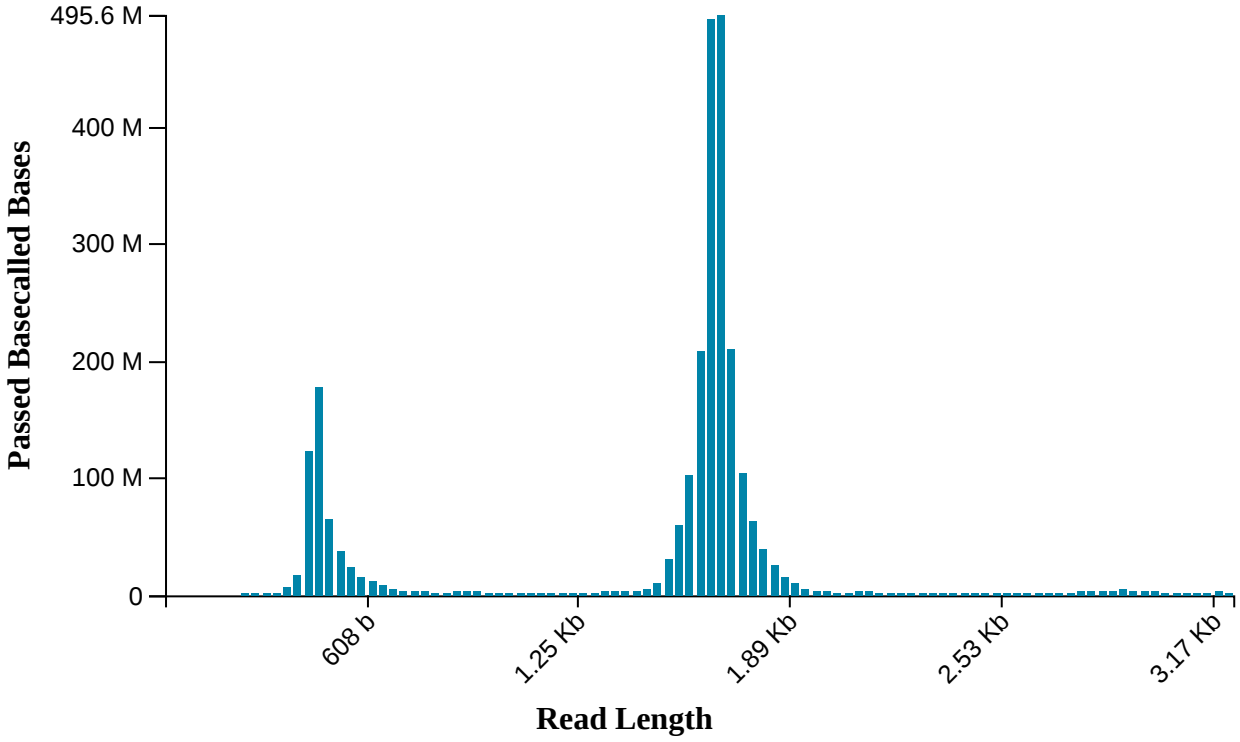
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 1.65 K



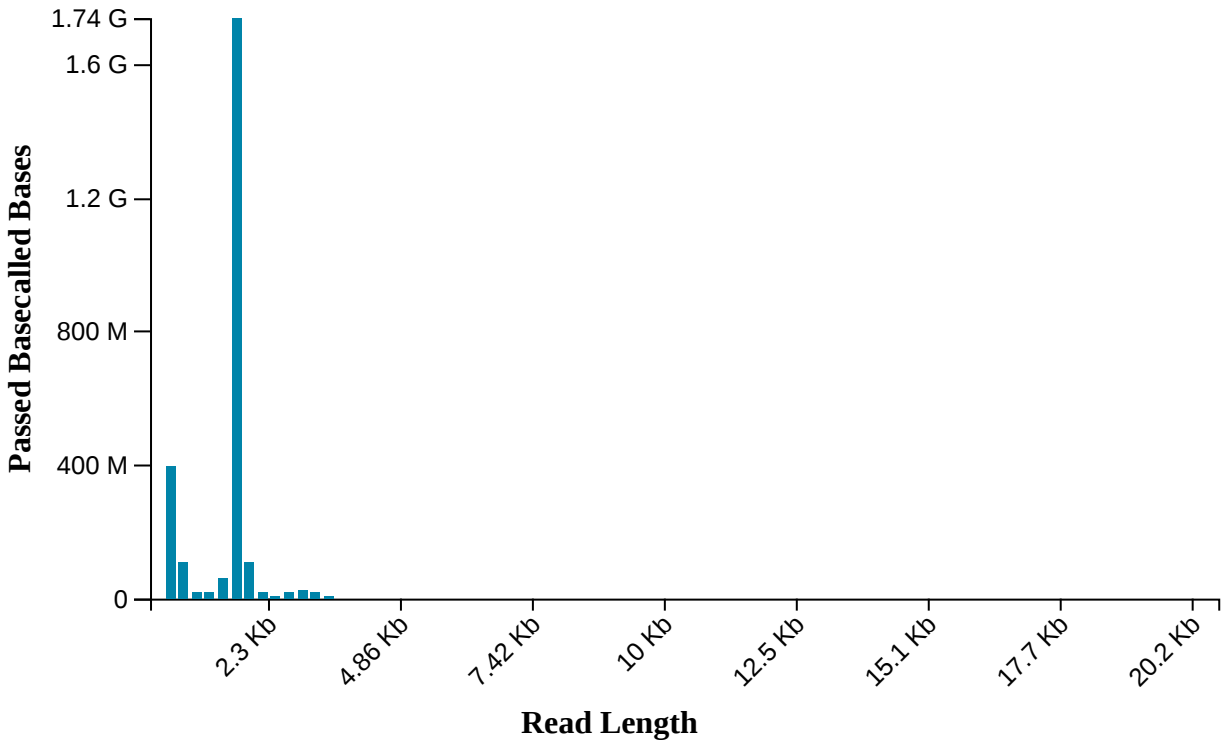
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 1.65 K



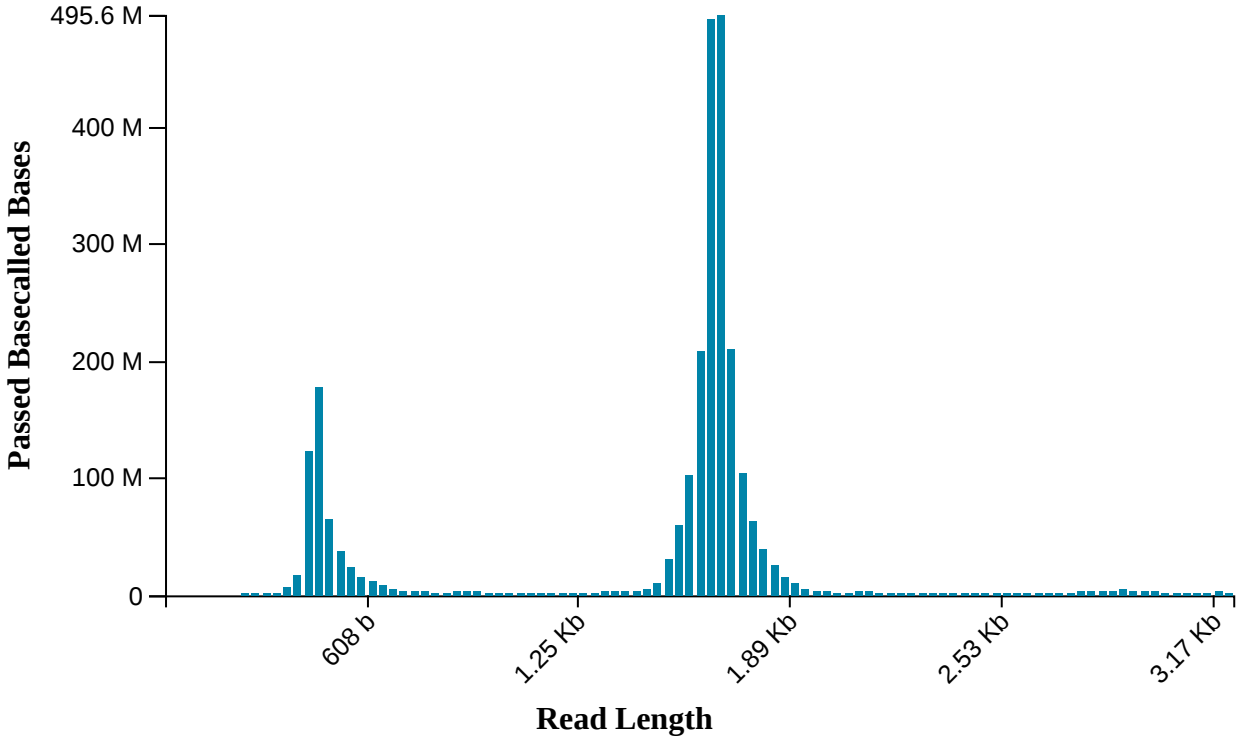
Read Length Histogram Estimated Bases

Estimated N50: 1.65 K

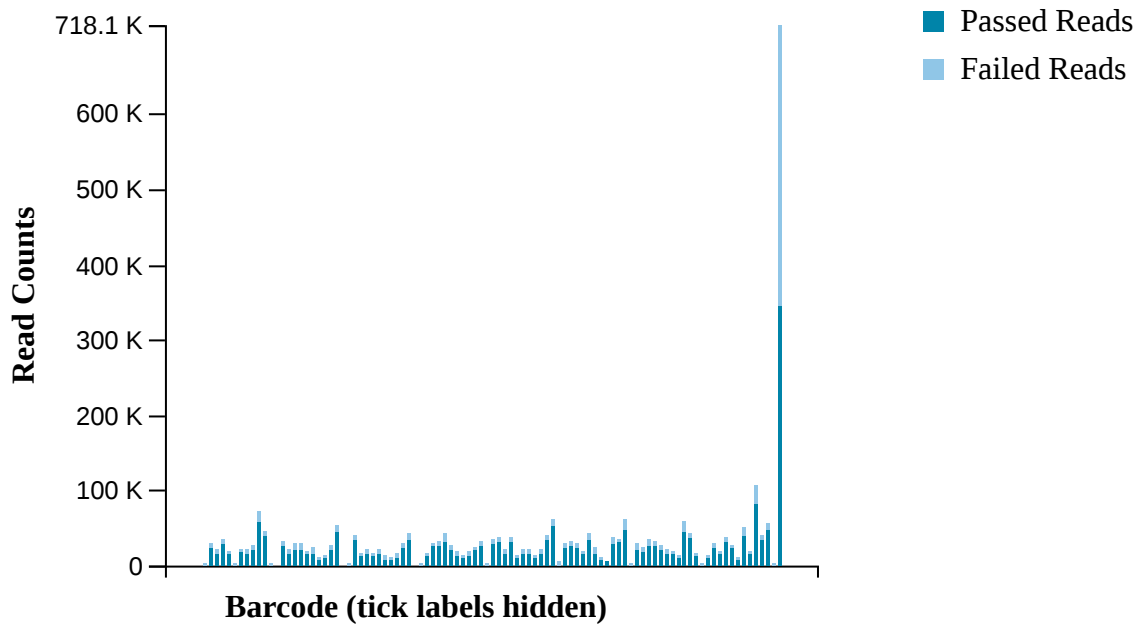


Read Length Histogram Basecalled Bases

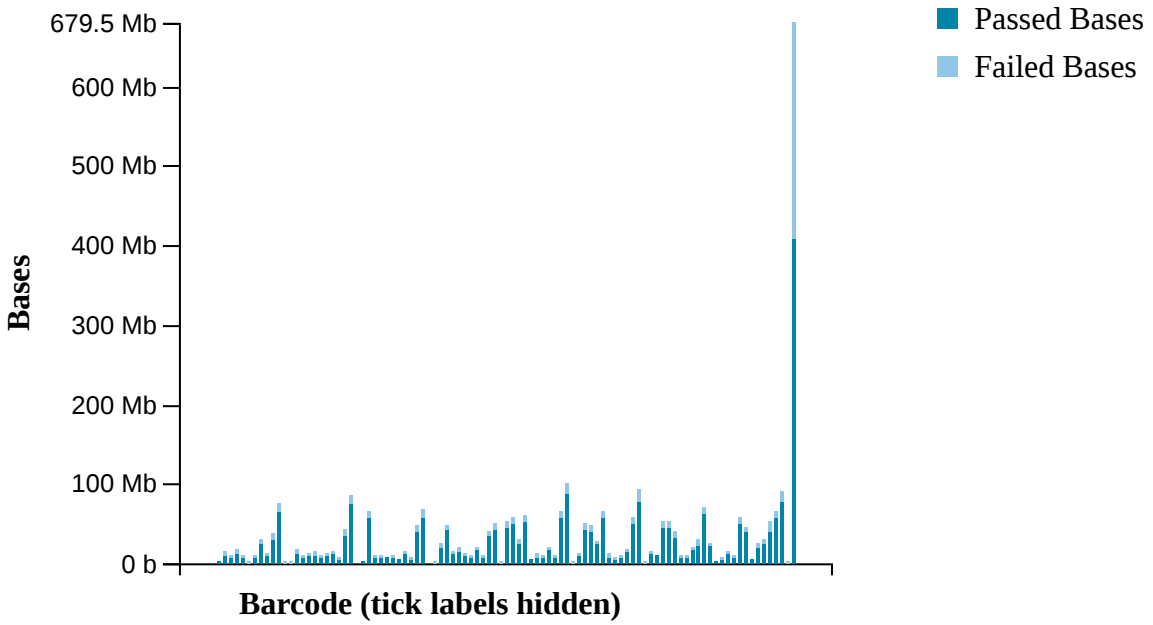
Estimated N50: 1.65 K



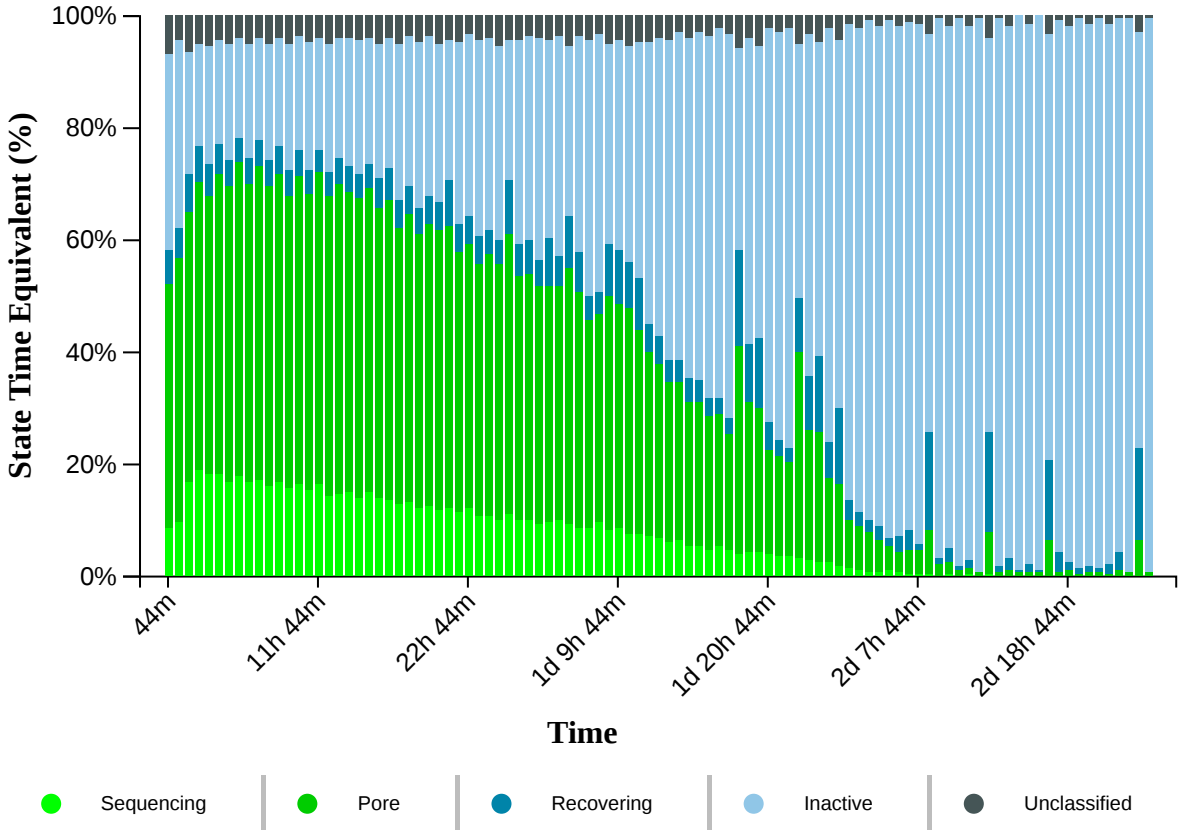
Barcode Read Counts



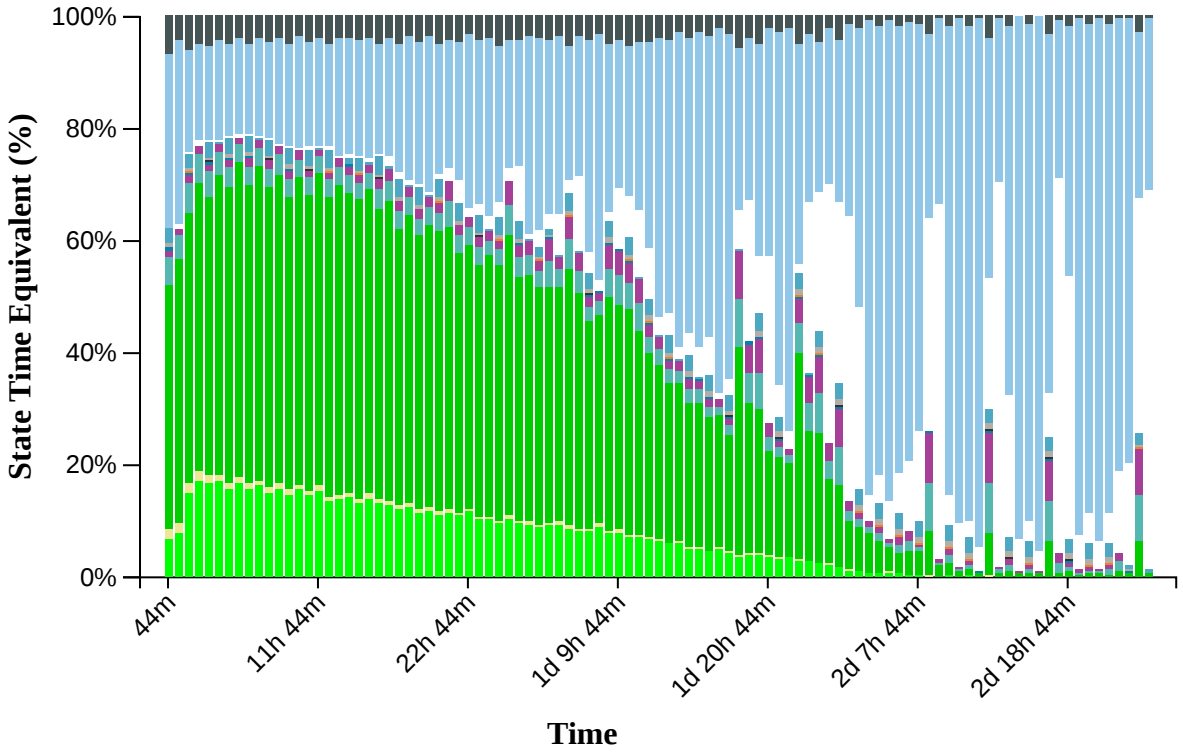
Barcode Read Counts



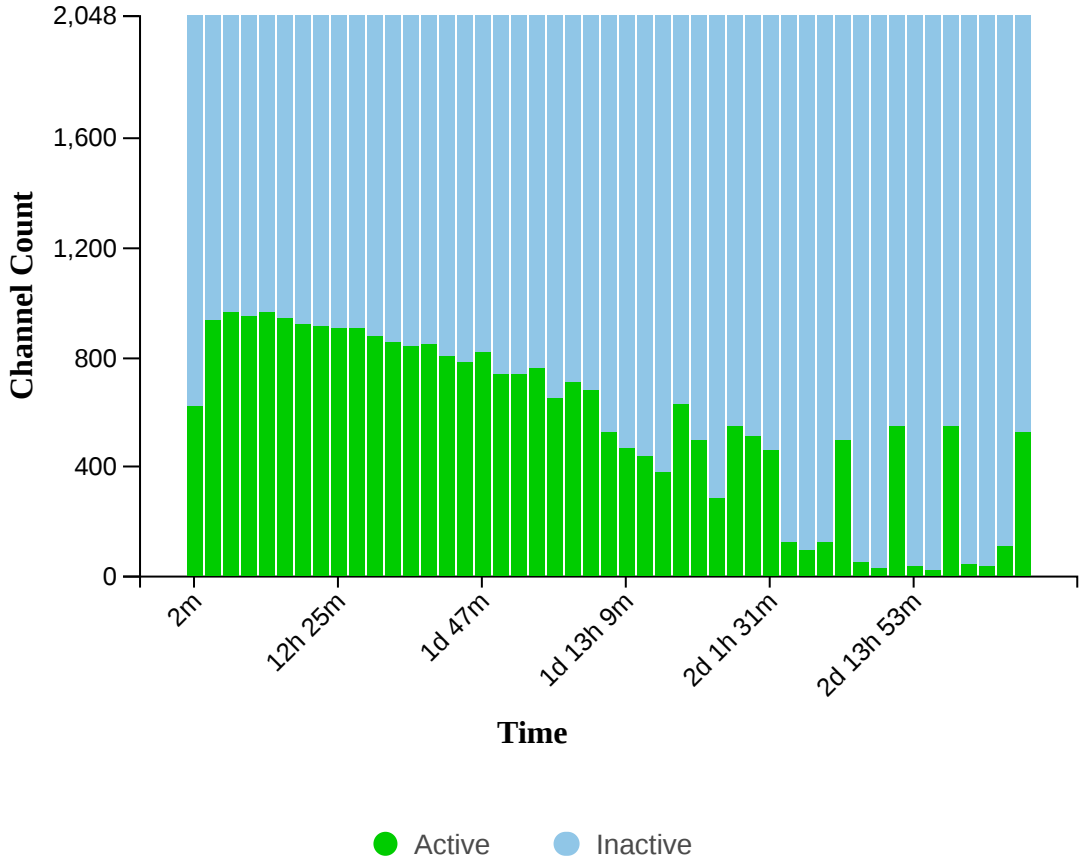
Duty Time Grouped



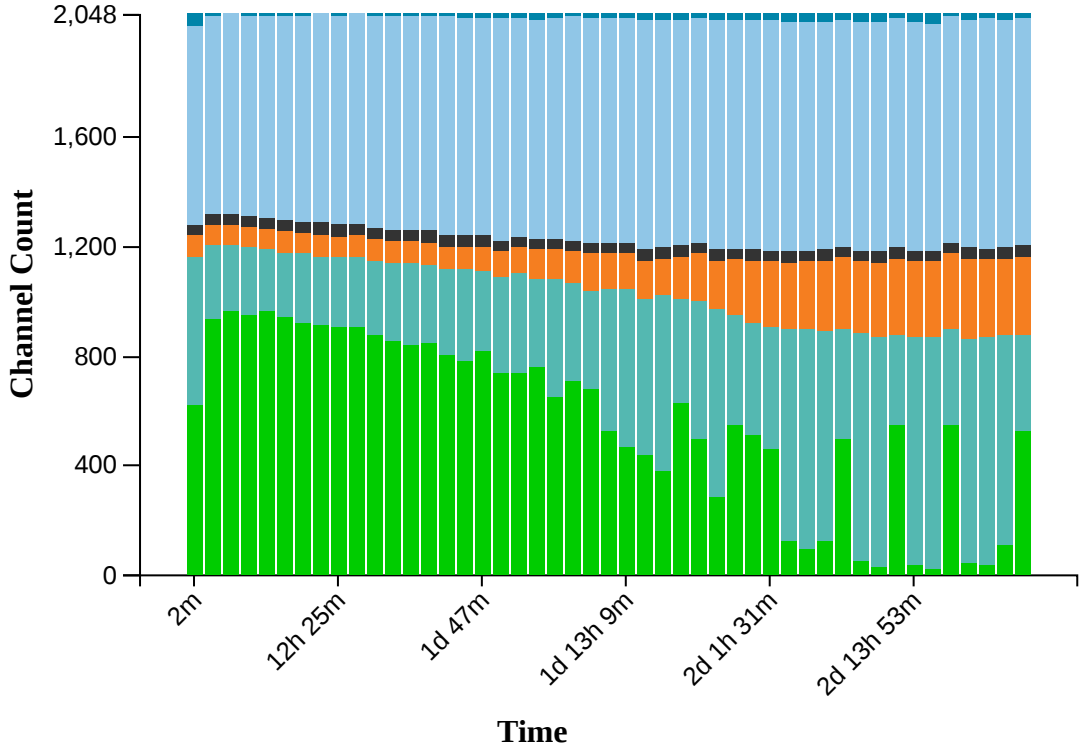
Duty time Categorised



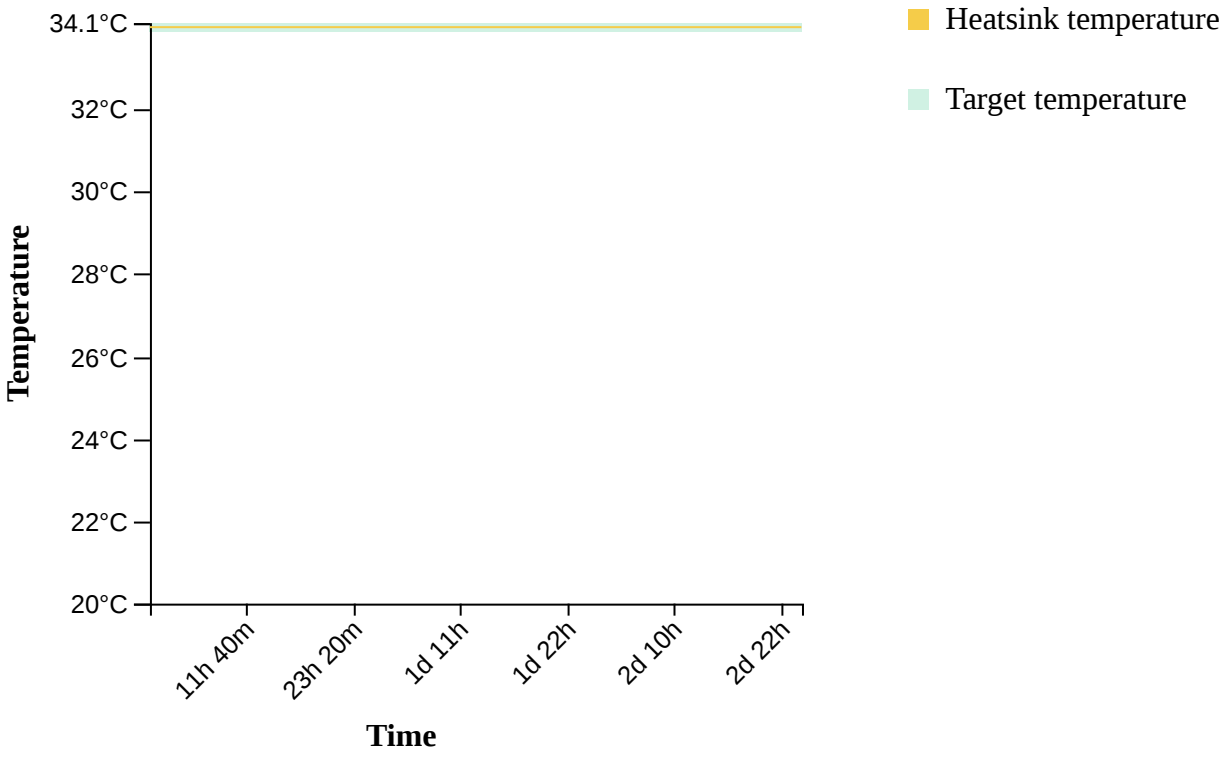
Mux Scan Grouped



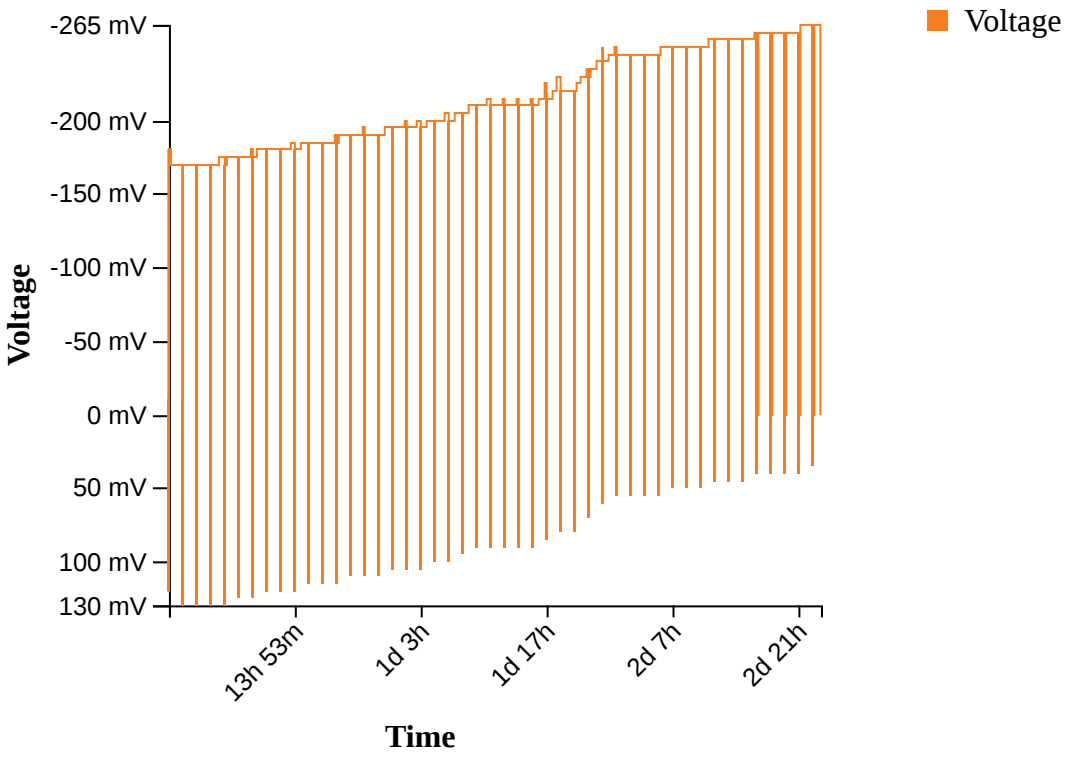
Mux Scan Categorised



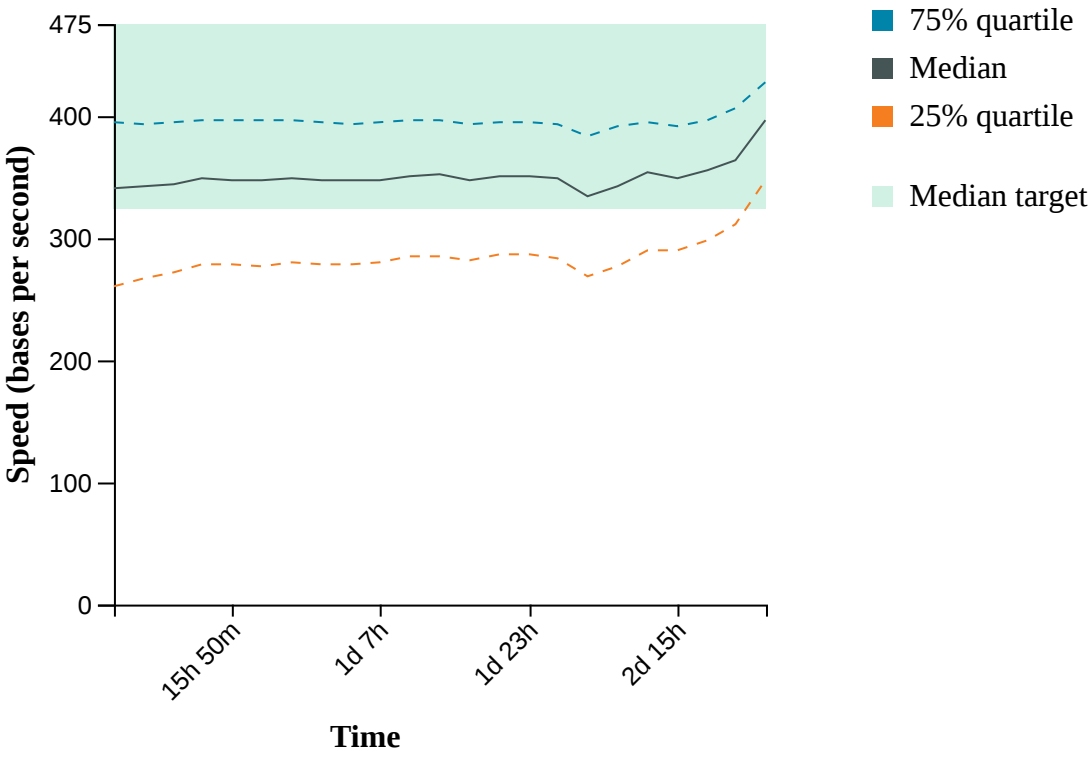
Temperature History



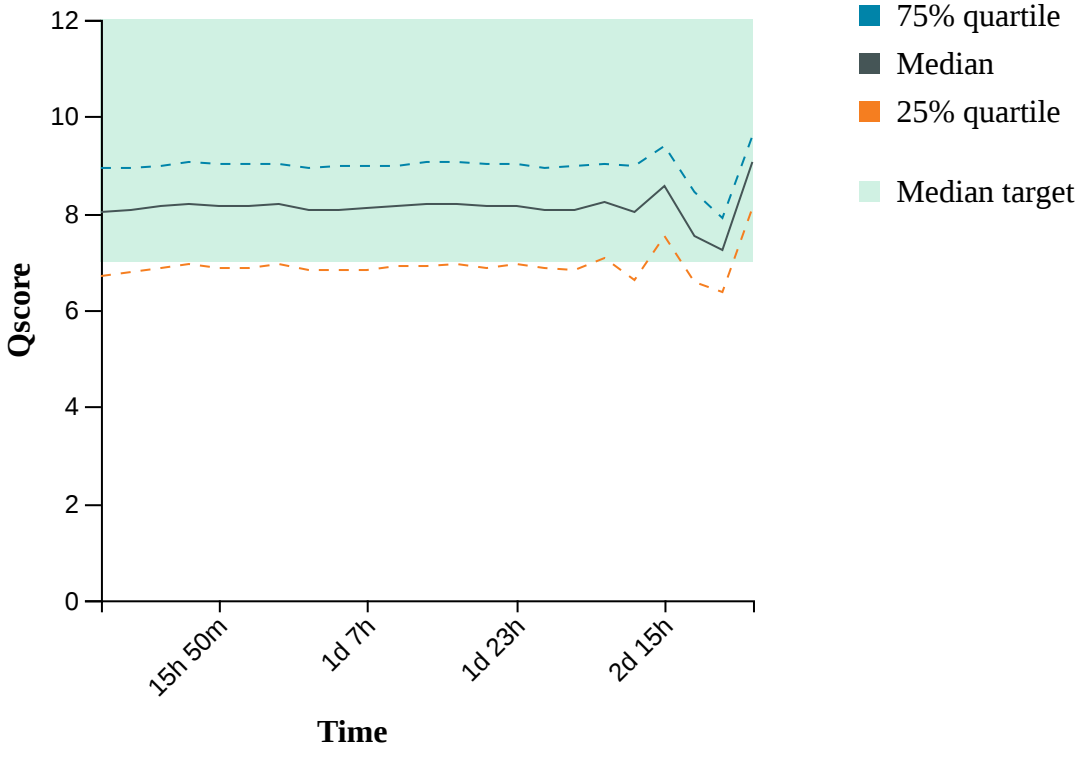
Bias Voltage History



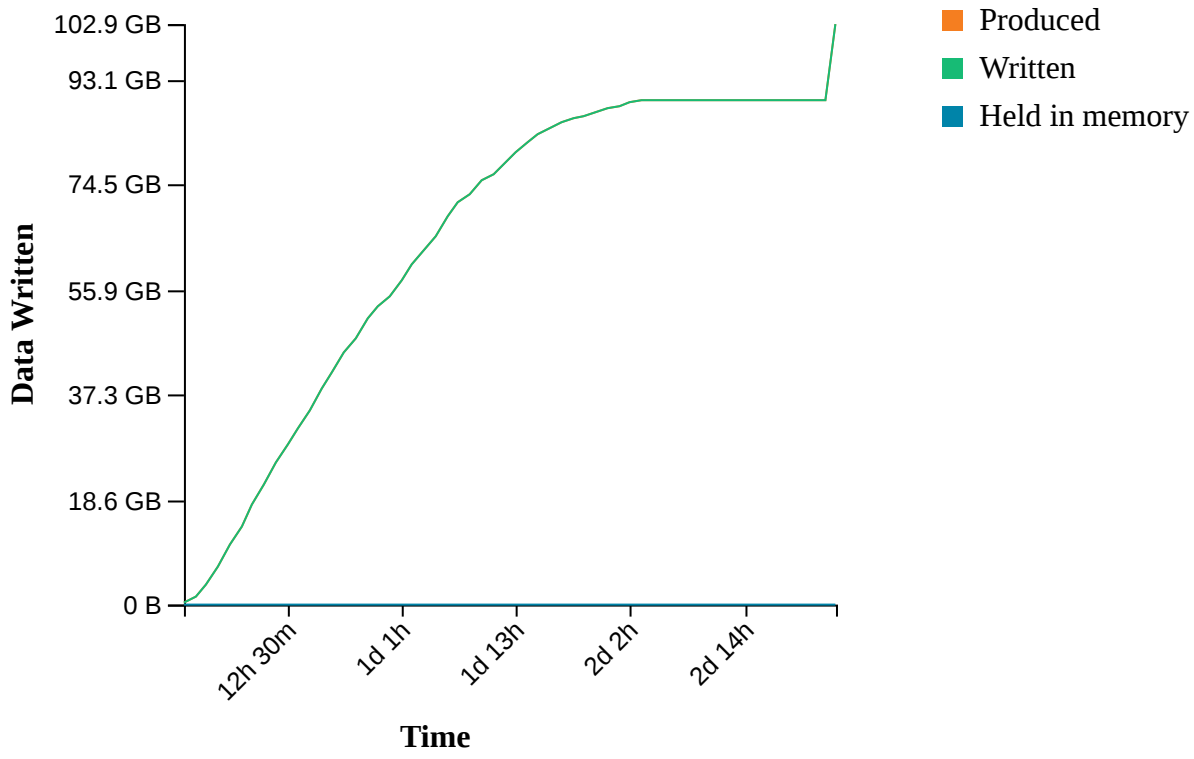
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue January 17, 19:14
- Mux scan for flow cell FAQ33068 has found a total of 525 pores. 353 pores available for immediate sequencing January 17, 18:24
- Performing Mux Scan January 17, 18:21
- Mux scan for flow cell FAQ33068 has found a total of 111 pores. 99 pores available for immediate sequencing January 17, 16:51
- Performing Mux Scan January 17, 16:49
- Mux scan for flow cell FAQ33068 has found a total of 34 pores. 34 pores available for immediate sequencing January 17, 15:18
- Performing Mux Scan January 17, 15:16
- Mux scan for flow cell FAQ33068 has found a total of 42 pores. 39 pores available for immediate sequencing January 17, 13:46
- Performing Mux Scan January 17, 13:43
- Mux scan for flow cell FAQ33068 has found a total of 545 pores. 366 pores available for immediate sequencing January 17, 12:13
- Performing Mux Scan January 17, 12:10
- Mux scan for flow cell FAQ33068 has found a total of 24 pores. 24 pores available for immediate sequencing January 17, 10:40
- Performing Mux Scan January 17, 10:38
- Mux scan for flow cell FAQ33068 has found a total of 40 pores. 36 pores available for immediate sequencing January 17, 09:08
- Performing Mux Scan January 17, 09:05
- Mux scan for flow cell FAQ33068 has found a total of 545 pores. 362 pores available for immediate sequencing January 17, 07:35
- Performing Mux Scan January 17, 07:32
- Mux scan for flow cell FAQ33068 has found a total of 32 pores. 28 pores available for immediate sequencing January 17, 06:02
- Performing Mux Scan January 17, 06:00
- Mux scan for flow cell FAQ33068 has found a total of 54 pores. 51 pores available for immediate sequencing January 17, 04:30
- Performing Mux Scan January 17, 04:27
- Mux scan for flow cell FAQ33068 has found a total of 496 pores. 343 pores available for immediate sequencing January 17, 02:57
- Performing Mux Scan January 17, 02:54
- Mux scan for flow cell FAQ33068 has found a total of 123 pores. 111 pores available for immediate sequencing January 17, 01:24
- Performing Mux Scan January 17, 01:22
- Mux scan for flow cell FAQ33068 has found a total of 93 pores. 73 pores available for immediate sequencing January 16, 23:51
- Performing Mux Scan January 16, 23:49
- Mux scan for flow cell FAQ33068 has found a total of 121 pores. 80 pores available for immediate sequencing January 16, 22:19
- Performing Mux Scan January 16, 22:16
- Mux scan for flow cell FAQ33068 has found a total of 460 pores. 337 pores available for immediate sequencing January 16, 20:46
- Performing Mux Scan January 16, 20:43
- Mux scan for flow cell FAQ33068 has found a total of 509 pores. 369 pores available for immediate sequencing January 16, 19:13
- Performing Mux Scan January 16, 19:11

- Mux scan for flow cell FAQ33068 has found a total of 546 pores. 359 pores available for immediate sequencing January 16, 17:40
- Performing Mux Scan January 16, 17:38
- Mux scan for flow cell FAQ33068 has found a total of 287 pores. 144 pores available for immediate sequencing January 16, 16:08
- Performing Mux Scan January 16, 16:05
- Mux scan for flow cell FAQ33068 has found a total of 495 pores. 304 pores available for immediate sequencing January 16, 14:35
- Performing Mux Scan January 16, 14:32
- Mux scan for flow cell FAQ33068 has found a total of 627 pores. 364 pores available for immediate sequencing January 16, 13:02
- Performing Mux Scan January 16, 12:59
- Mux scan for flow cell FAQ33068 has found a total of 379 pores. 179 pores available for immediate sequencing January 16, 11:29
- Performing Mux Scan January 16, 11:27
- Mux scan for flow cell FAQ33068 has found a total of 442 pores. 225 pores available for immediate sequencing January 16, 09:57
- Performing Mux Scan January 16, 09:54
- Mux scan for flow cell FAQ33068 has found a total of 469 pores. 226 pores available for immediate sequencing January 16, 08:24
- Performing Mux Scan January 16, 08:21
- Mux scan for flow cell FAQ33068 has found a total of 526 pores. 258 pores available for immediate sequencing January 16, 06:51
- Performing Mux Scan January 16, 06:48
- Mux scan for flow cell FAQ33068 has found a total of 679 pores. 358 pores available for immediate sequencing January 16, 05:18
- Performing Mux Scan January 16, 05:16
- Mux scan for flow cell FAQ33068 has found a total of 712 pores. 376 pores available for immediate sequencing January 16, 03:45
- Performing Mux Scan January 16, 03:43
- Mux scan for flow cell FAQ33068 has found a total of 650 pores. 288 pores available for immediate sequencing January 16, 02:13
- Performing Mux Scan January 16, 02:10
- Mux scan for flow cell FAQ33068 has found a total of 762 pores. 384 pores available for immediate sequencing January 16, 00:40
- Performing Mux Scan January 16, 00:37
- Mux scan for flow cell FAQ33068 has found a total of 739 pores. 349 pores available for immediate sequencing January 15, 23:07
- Performing Mux Scan January 15, 23:04
- Mux scan for flow cell FAQ33068 has found a total of 741 pores. 330 pores available for immediate sequencing January 15, 21:34
- Performing Mux Scan January 15, 21:32
- Mux scan for flow cell FAQ33068 has found a total of 817 pores. 395 pores available for immediate sequencing January 15, 20:02
- Performing Mux Scan January 15, 19:59
- Mux scan for flow cell FAQ33068 has found a total of 785 pores. 350 pores available for immediate sequencing January 15, 18:29
- Performing Mux Scan January 15, 18:26
- Mux scan for flow cell FAQ33068 has found a total of 804 pores. 354 pores available for immediate sequencing January 15, 16:56
- Performing Mux Scan January 15, 16:53
- Mux scan for flow cell FAQ33068 has found a total of 850 pores. 395 pores available for

immediate sequencing January 15, 15:23

- Performing Mux Scan January 15, 15:20
- Mux scan for flow cell FAQ33068 has found a total of 840 pores. 370 pores available for immediate sequencing January 15, 13:50
- Performing Mux Scan January 15, 13:48
- Mux scan for flow cell FAQ33068 has found a total of 859 pores. 381 pores available for immediate sequencing January 15, 12:18
- Performing Mux Scan January 15, 12:15
- Mux scan for flow cell FAQ33068 has found a total of 878 pores. 405 pores available for immediate sequencing January 15, 10:45
- Performing Mux Scan January 15, 10:42
- Mux scan for flow cell FAQ33068 has found a total of 904 pores. 401 pores available for immediate sequencing January 15, 09:12
- Performing Mux Scan January 15, 09:09
- Mux scan for flow cell FAQ33068 has found a total of 909 pores. 404 pores available for immediate sequencing January 15, 07:39
- Performing Mux Scan January 15, 07:36
- Mux scan for flow cell FAQ33068 has found a total of 917 pores. 413 pores available for immediate sequencing January 15, 06:06
- Performing Mux Scan January 15, 06:04
- Mux scan for flow cell FAQ33068 has found a total of 918 pores. 410 pores available for immediate sequencing January 15, 04:34
- Performing Mux Scan January 15, 04:31
- Mux scan for flow cell FAQ33068 has found a total of 940 pores. 414 pores available for immediate sequencing January 15, 03:01
- Performing Mux Scan January 15, 02:58
- Mux scan for flow cell FAQ33068 has found a total of 962 pores. 423 pores available for immediate sequencing January 15, 01:28
- Performing Mux Scan January 15, 01:25
- Mux scan for flow cell FAQ33068 has found a total of 953 pores. 423 pores available for immediate sequencing January 14, 23:55
- Performing Mux Scan January 14, 23:52
- Mux scan for flow cell FAQ33068 has found a total of 968 pores. 421 pores available for immediate sequencing January 14, 22:22
- Performing Mux Scan January 14, 22:20
- Mux scan for flow cell FAQ33068 has found a total of 937 pores. 424 pores available for immediate sequencing January 14, 20:49
- Performing Mux Scan January 14, 20:47
- Mux scan for flow cell FAQ33068 has found a total of 625 pores. 343 pores available for immediate sequencing January 14, 19:17
- Performing Mux Scan January 14, 19:14
- Starting sequencing procedure January 14, 19:14
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C January 14, 19:14