Run Info

Host Name	**blanche.secure.biotech.wisc.edu (localhost)**
Position	**X5**
Experiment Name	**1229**
Sample ID	**1229**
Run ID	**21193522-7f48-4649-a44a-dca6da3f1570**
Acquisition ID(s)	**d1969884b2dbd08c93acac4430453e0100adb8d8, c03fd0dd8cb8248117eecbc477e444579e9dcf22**
Flow Cell Id	**FAN30463**
Start Time	**November 8, 22:00**
Run Length	**3d 0h 2m**

Run Summary

Reads Generated	**1.47 M**
Passed Bases	**2.08 Gb**
Failed Bases	**897.42 Mb**
Estimated Bases	**3.02 Gb**

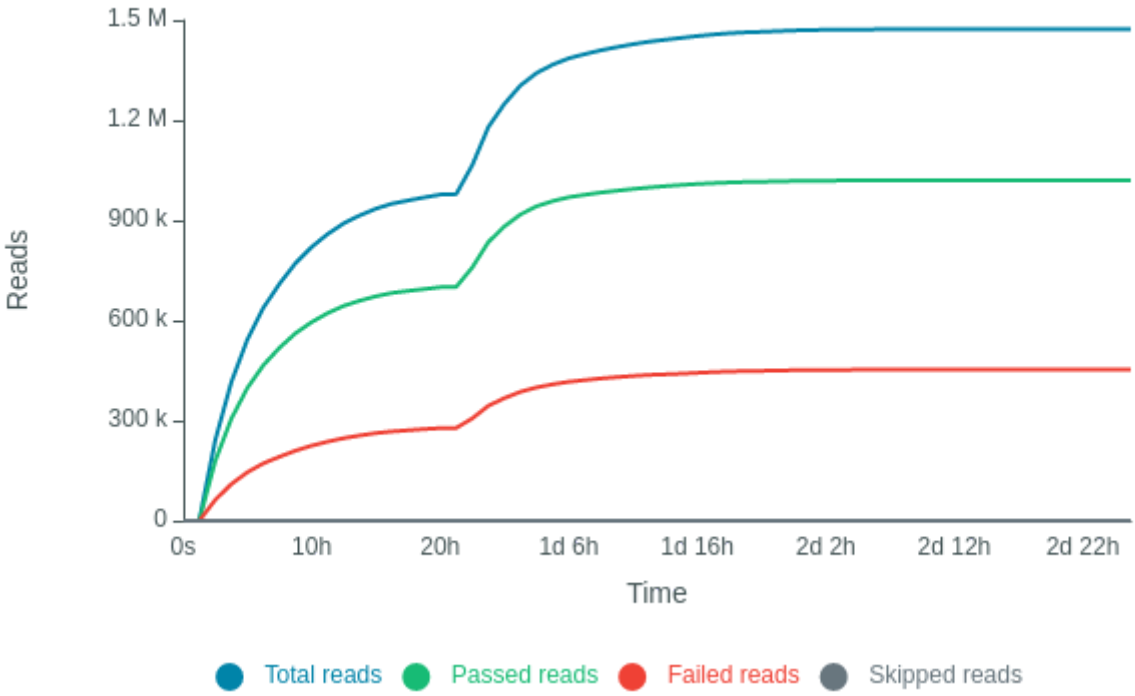
Run Parameters

Flow Cell Type	**FLO-MIN106**
Kit	**SQK-LSK110**
Initial bias voltage	**-180 mV**
FAST5 output	**Enabled**
FASTQ output	**Enabled**
BAM output	**Disabled**
Bulk file output	**Disabled**
Active channel selection	**Enabled**
Basecalling	**Enabled**
Specified run length	**72 hours**
FAST5 reads per file	**4000**
FAST5 output options	**vbz_compress,fastq,raw**
FASTQ reads per file	**4000**
FASTQ output options	**compress**
Mux scan period	**1 hour 30 minutes**
Reserved pores	**0 %**
Basecall model	**High-accuracy basecalling**
Read filtering	**min_qscore=9**

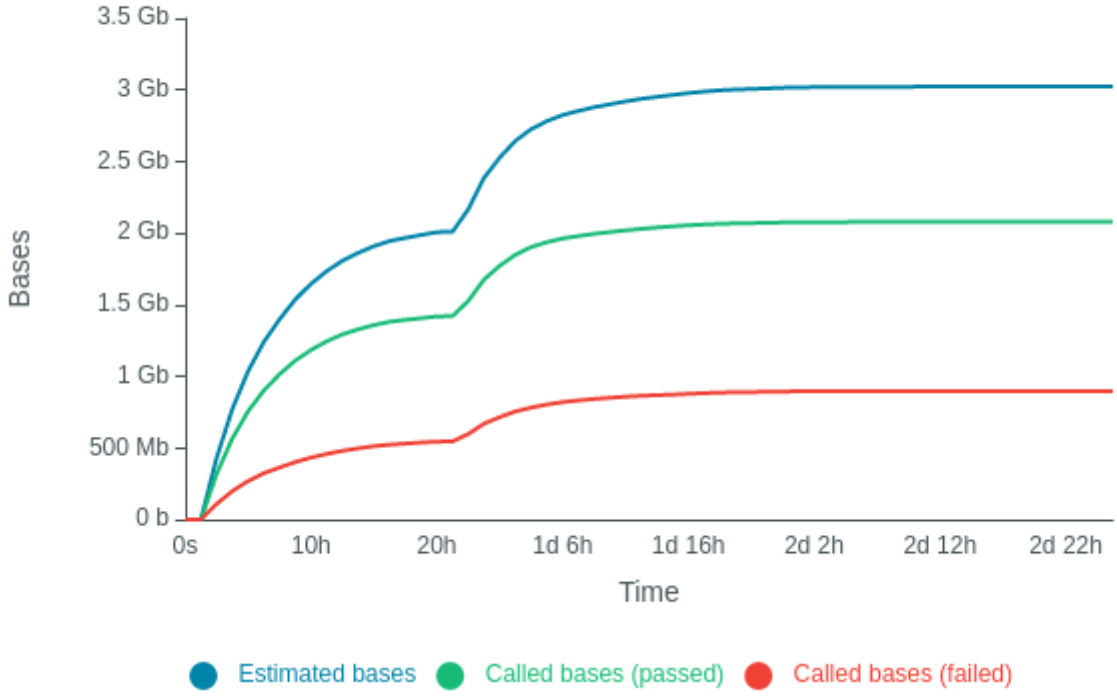
Versions

MinKNOW	**21.05.25**
MinKNOW Core	**4.3.12**
Bream	**6.2.6**
Guppy	**5.0.16**

Cumulative Output Reads

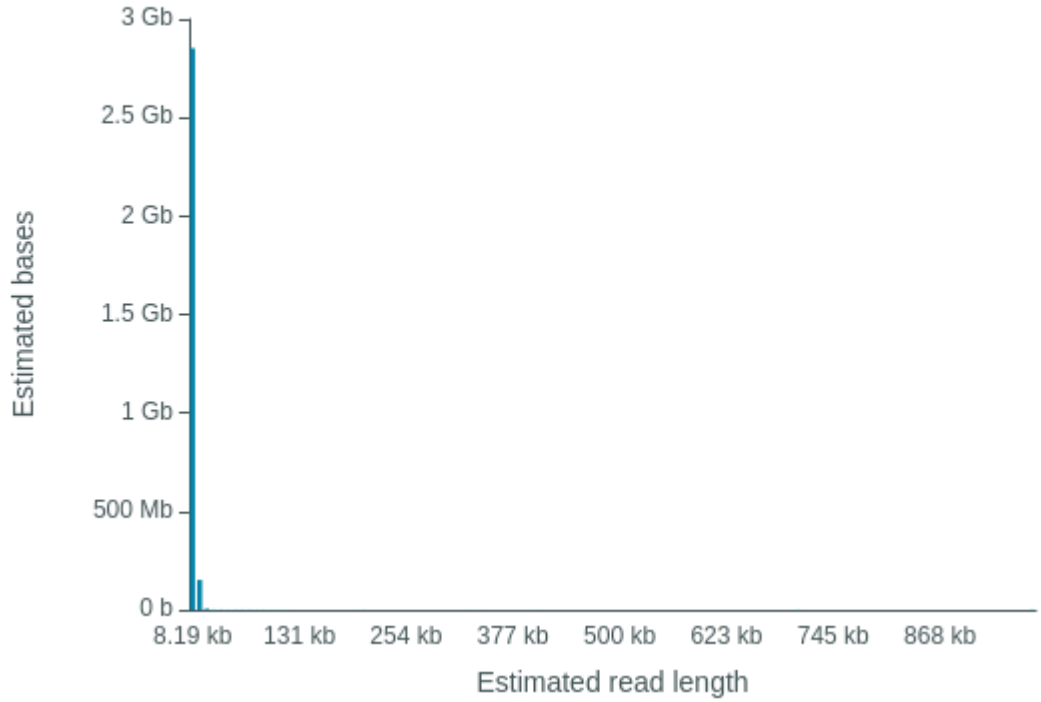


Cumulative Output Bases



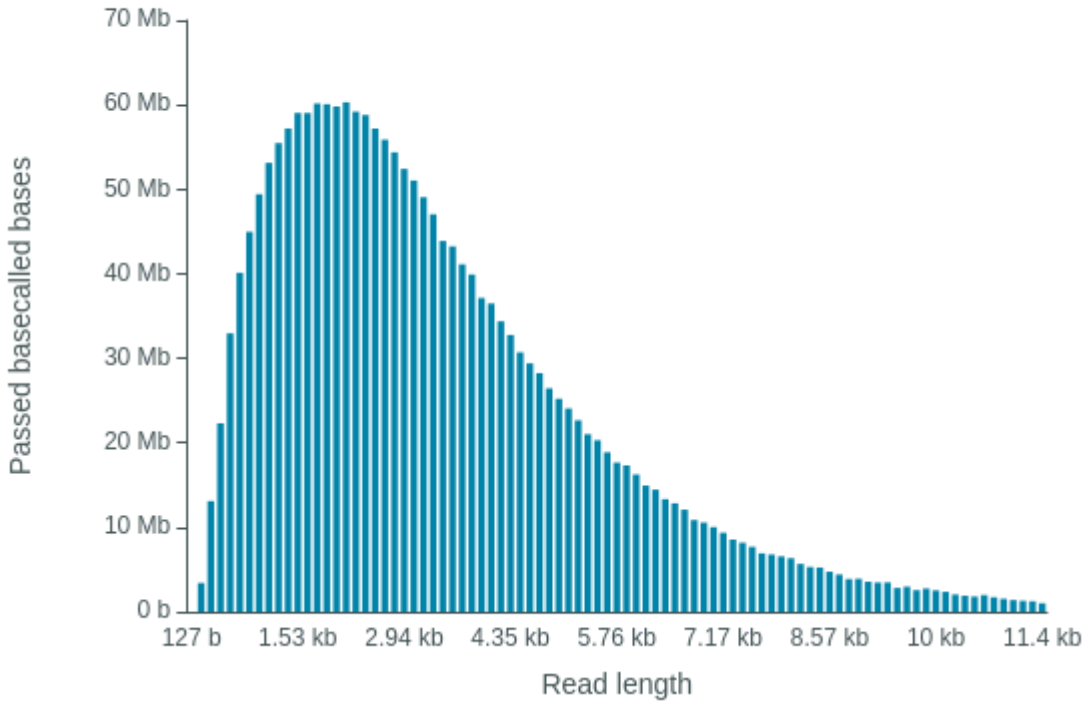
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 2.88 kb



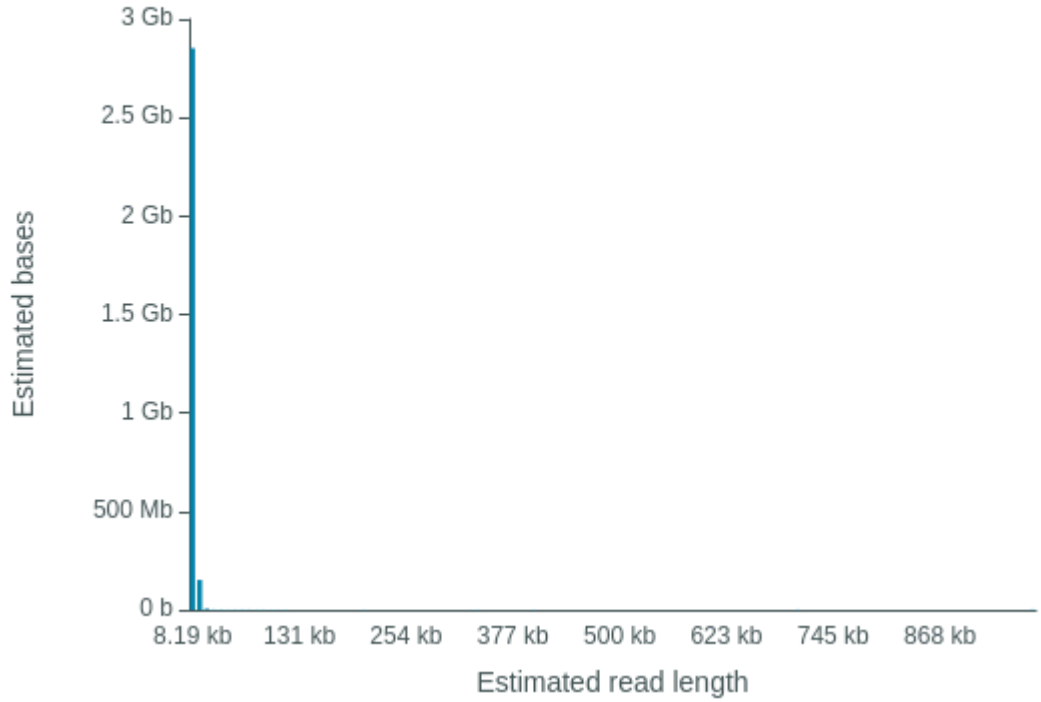
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 2.85 kb



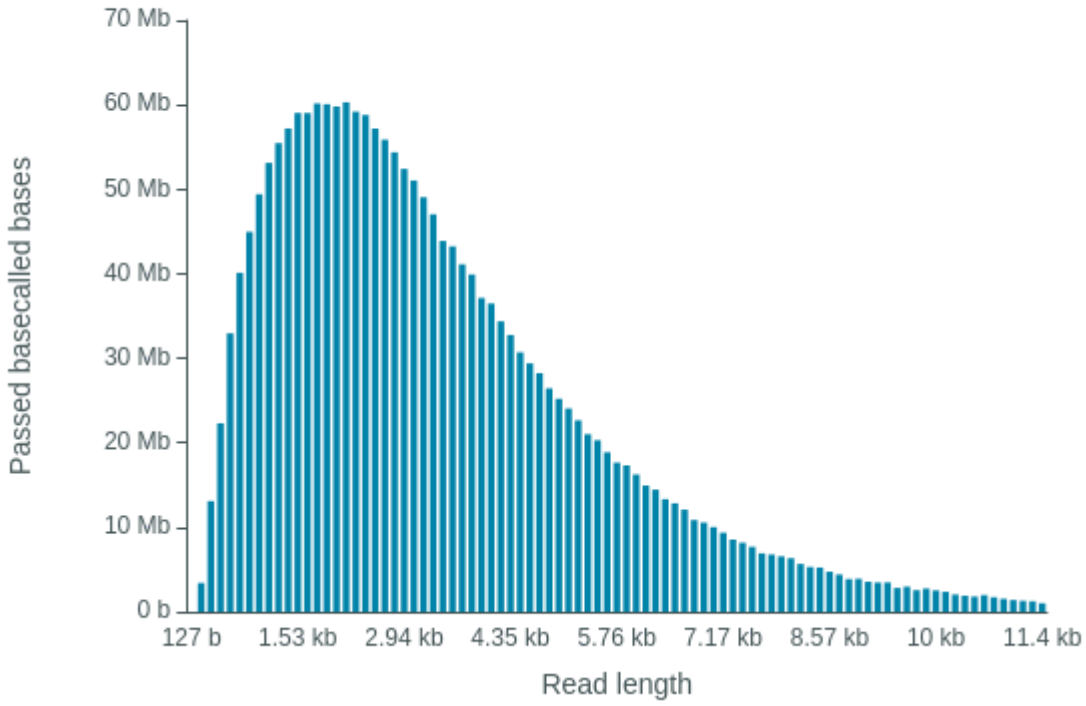
Read Length Histogram Estimated Bases

Estimated N50: 2.88 kb

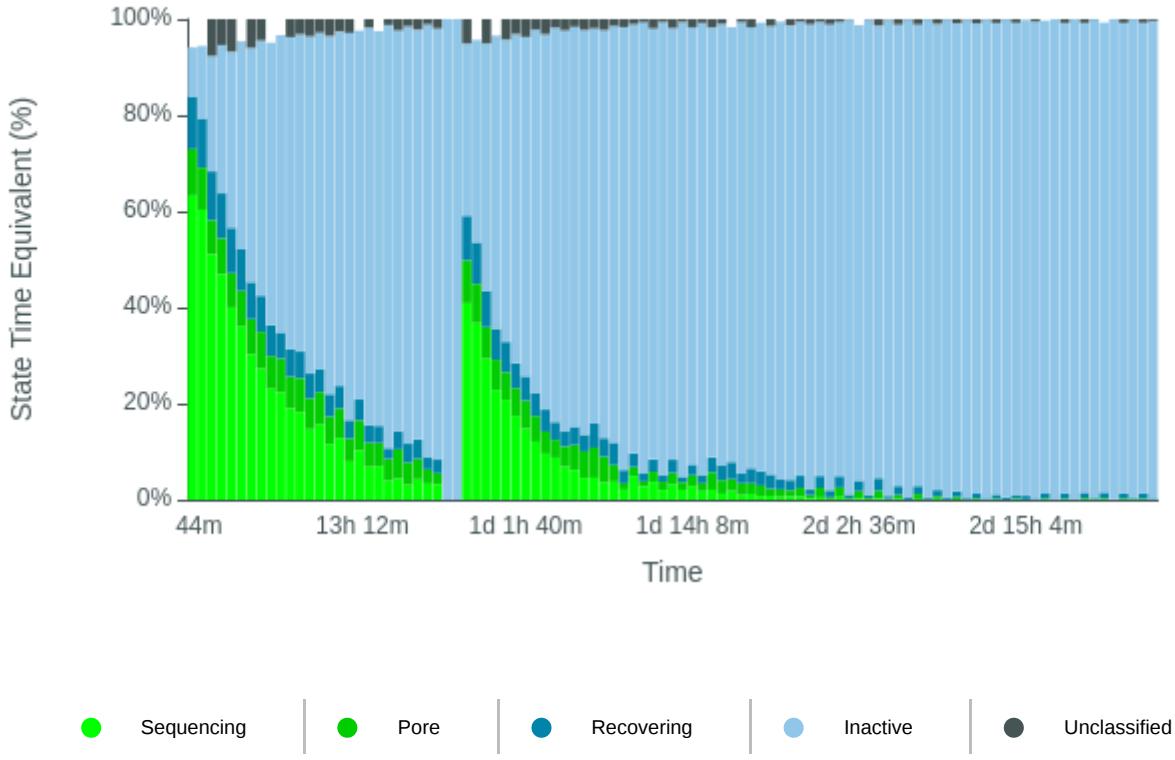


Read Length Histogram Basecalled Bases

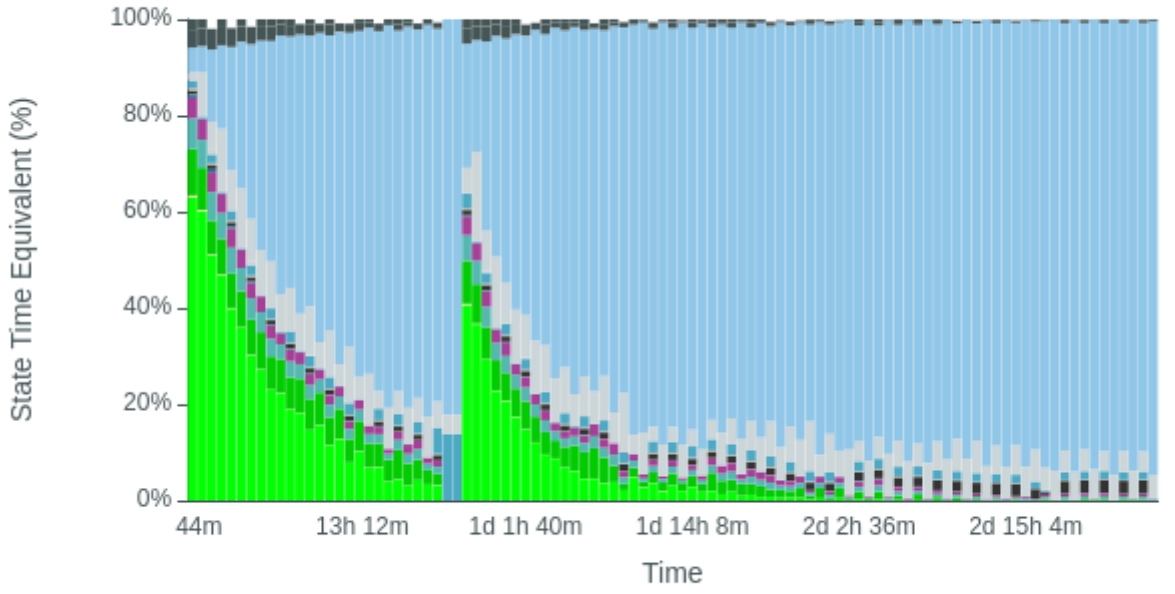
Estimated N50: 2.85 kb



Duty Time Grouped

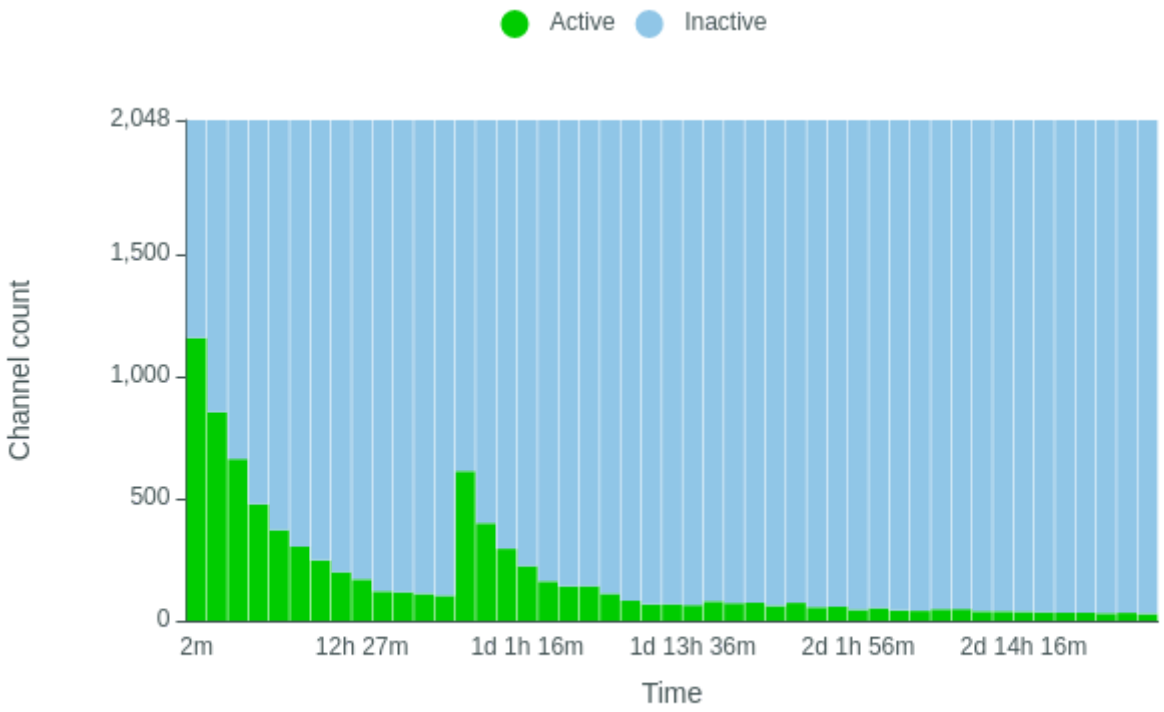


Duty time Categorised

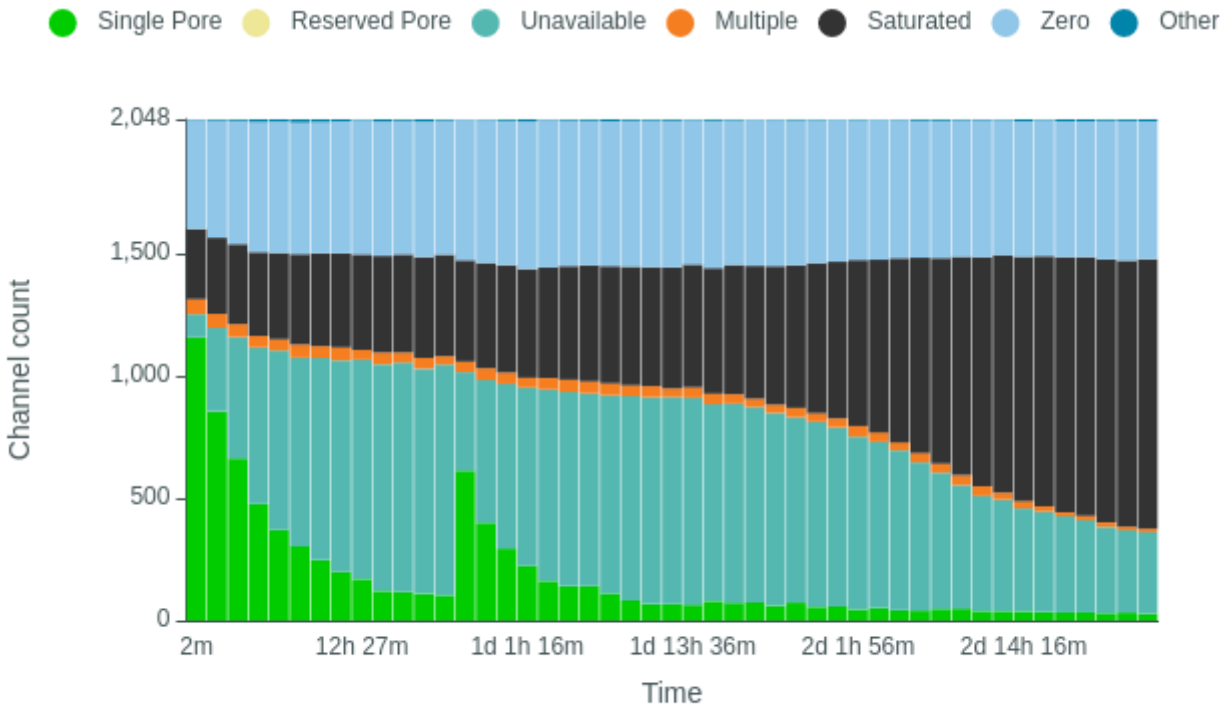


Strand
Adapter
Single Pore
Unavailable
Active Feedback
No Pore From Scan
Out Of Range 2
Possible Multiple
Saturated
Out Of Range 1
Zero
Channel Disabled
Unclassified
Unclassified_following_reset
Pending_manual_reset
Pending_mux_change
Pending Reselection

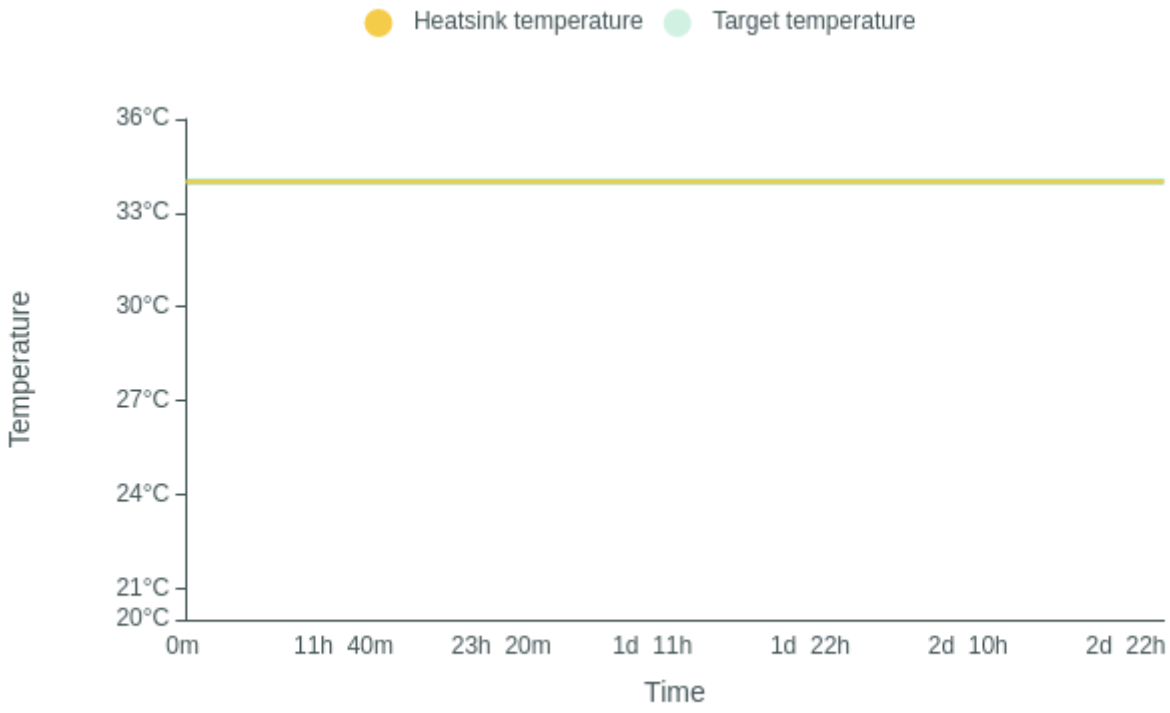
Mux Scan Grouped



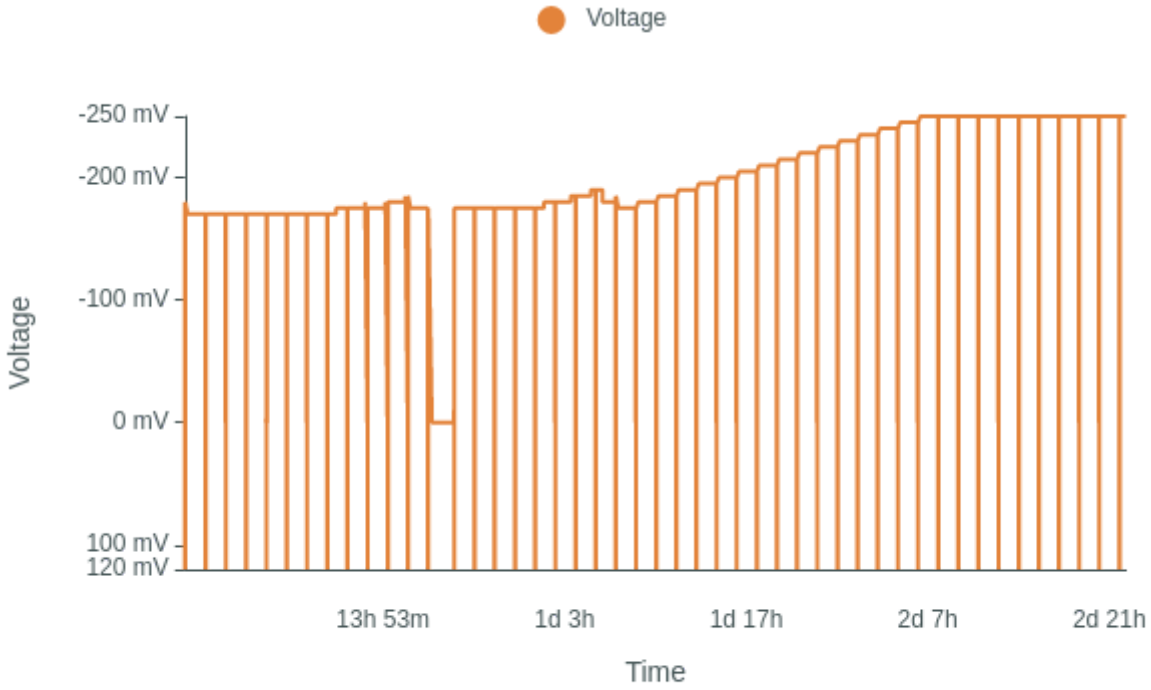
Mux Scan Categorised



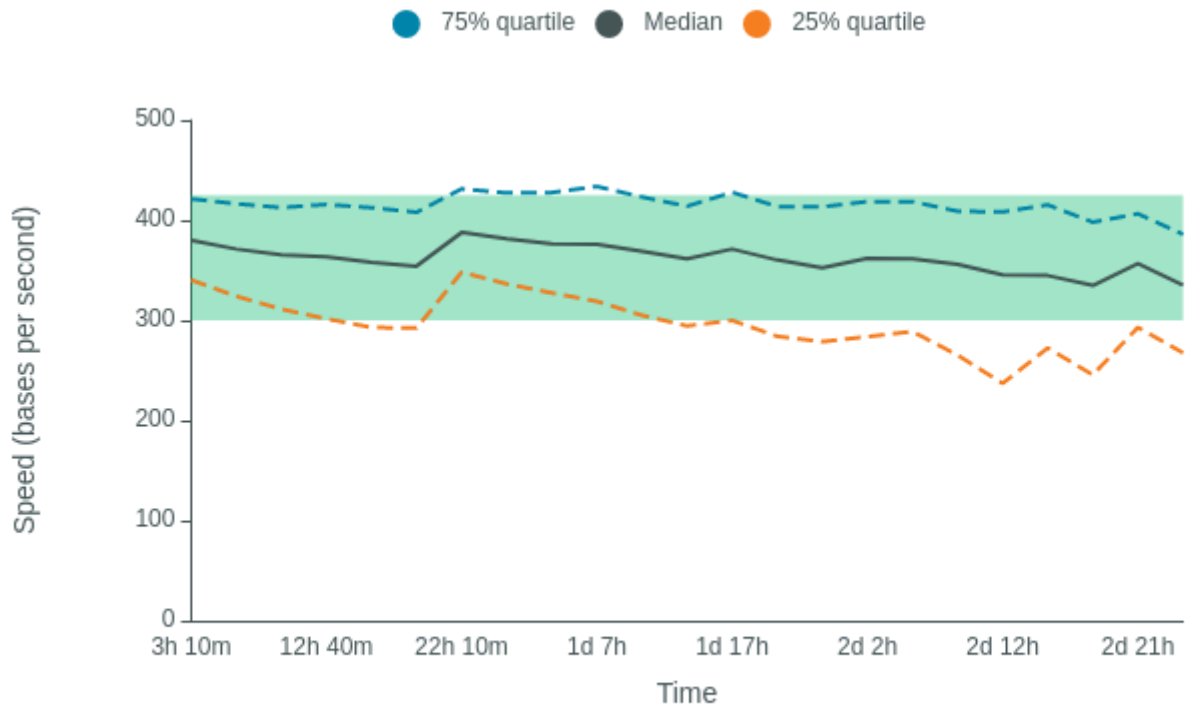
Temperature History



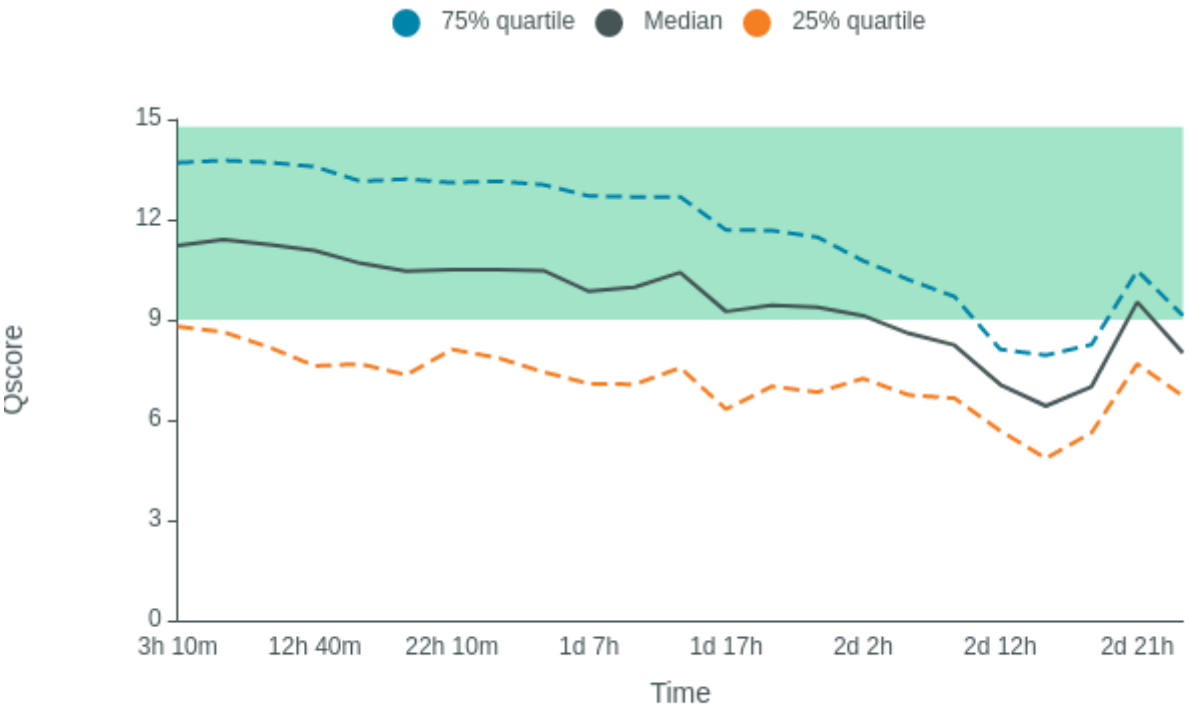
Bias Voltage History



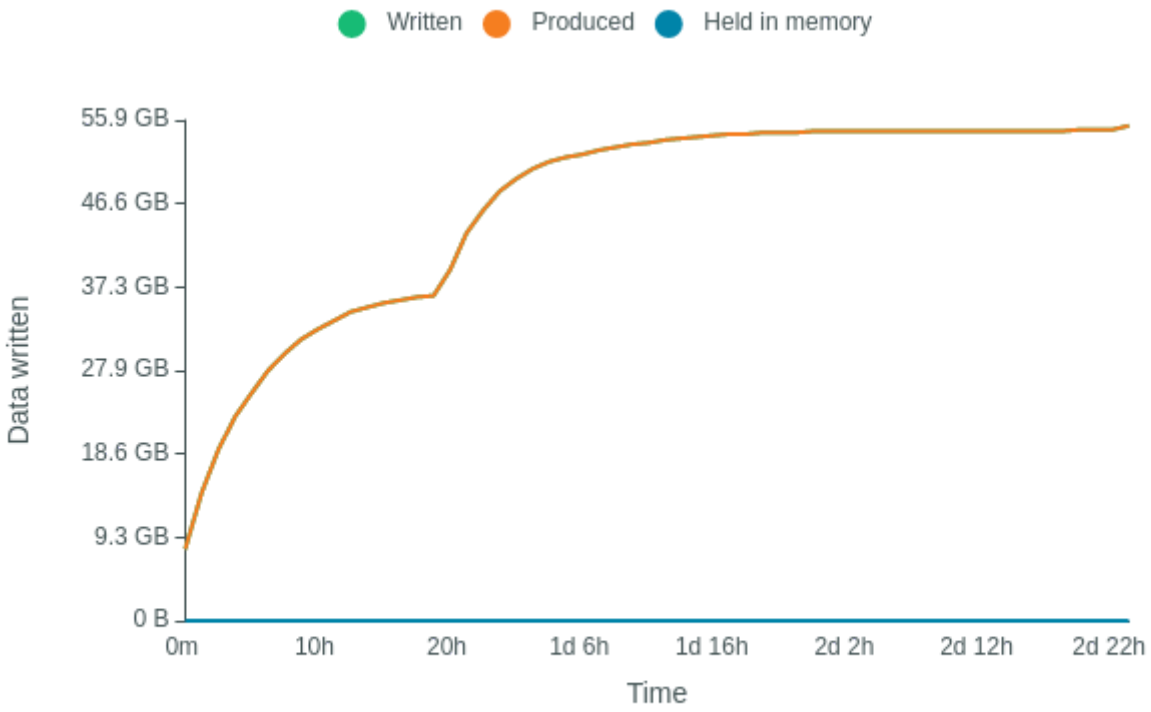
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue November 11, 22:03
- Mux scan for flow cell FAN30463 has found a total of 28 pores. 27 pores available for immediate sequencing November 11, 21:33
- Performing Mux Scan November 11, 21:31
- Mux scan for flow cell FAN30463 has found a total of 32 pores. 32 pores available for immediate sequencing November 11, 20:01
- Performing Mux Scan November 11, 19:59
- Mux scan for flow cell FAN30463 has found a total of 30 pores. 28 pores available for immediate sequencing November 11, 18:29
- Performing Mux Scan November 11, 18:26
- Mux scan for flow cell FAN30463 has found a total of 33 pores. 33 pores available for immediate sequencing November 11, 16:56
- Performing Mux Scan November 11, 16:54
- Mux scan for flow cell FAN30463 has found a total of 33 pores. 31 pores available for immediate sequencing November 11, 15:24
- Performing Mux Scan November 11, 15:21
- Mux scan for flow cell FAN30463 has found a total of 35 pores. 32 pores available for immediate sequencing November 11, 13:51
- Performing Mux Scan November 11, 13:49
- Mux scan for flow cell FAN30463 has found a total of 37 pores. 36 pores available for immediate sequencing November 11, 12:19
- Performing Mux Scan November 11, 12:16
- Mux scan for flow cell FAN30463 has found a total of 38 pores. 36 pores available for immediate sequencing November 11, 10:46
- Performing Mux Scan November 11, 10:44
- Mux scan for flow cell FAN30463 has found a total of 38 pores. 37 pores available for immediate sequencing November 11, 09:14
- Performing Mux Scan November 11, 09:11
- Mux scan for flow cell FAN30463 has found a total of 48 pores. 45 pores available for immediate sequencing November 11, 07:41
- Performing Mux Scan November 11, 07:39
- Mux scan for flow cell FAN30463 has found a total of 47 pores. 44 pores available for immediate sequencing November 11, 06:09
- Performing Mux Scan November 11, 06:06
- Mux scan for flow cell FAN30463 has found a total of 40 pores. 40 pores available for immediate sequencing November 11, 04:36
- Performing Mux Scan November 11, 04:34
- Mux scan for flow cell FAN30463 has found a total of 42 pores. 42 pores available for immediate sequencing November 11, 03:04
- Performing Mux Scan November 11, 03:02
- Mux scan for flow cell FAN30463 has found a total of 52 pores. 50 pores available for immediate sequencing November 11, 01:32
- Performing Mux Scan November 11, 01:29
- Mux scan for flow cell FAN30463 has found a total of 45 pores. 43 pores available for immediate sequencing November 10, 23:59
- Performing Mux Scan November 10, 23:57
- Mux scan for flow cell FAN30463 has found a total of 58 pores. 55 pores available for immediate sequencing November 10, 22:27
- Performing Mux Scan November 10, 22:24
- Mux scan for flow cell FAN30463 has found a total of 55 pores. 51 pores available for immediate

sequencing November 10, 20:54

- Performing Mux Scan November 10, 20:52
- Mux scan for flow cell FAN30463 has found a total of 73 pores. 67 pores available for immediate sequencing November 10, 19:22
- Performing Mux Scan November 10, 19:19
- Mux scan for flow cell FAN30463 has found a total of 61 pores. 59 pores available for immediate sequencing November 10, 17:49
- Performing Mux Scan November 10, 17:47
- Mux scan for flow cell FAN30463 has found a total of 74 pores. 71 pores available for immediate sequencing November 10, 16:17
- Performing Mux Scan November 10, 16:14
- Mux scan for flow cell FAN30463 has found a total of 72 pores. 68 pores available for immediate sequencing November 10, 14:44
- Performing Mux Scan November 10, 14:42
- Mux scan for flow cell FAN30463 has found a total of 79 pores. 77 pores available for immediate sequencing November 10, 13:12
- Performing Mux Scan November 10, 13:09
- Mux scan for flow cell FAN30463 has found a total of 64 pores. 59 pores available for immediate sequencing November 10, 11:39
- Performing Mux Scan November 10, 11:37
- Mux scan for flow cell FAN30463 has found a total of 68 pores. 63 pores available for immediate sequencing November 10, 10:07
- Performing Mux Scan November 10, 10:05
- Mux scan for flow cell FAN30463 has found a total of 67 pores. 63 pores available for immediate sequencing November 10, 08:34
- Performing Mux Scan November 10, 08:32
- Mux scan for flow cell FAN30463 has found a total of 82 pores. 76 pores available for immediate sequencing November 10, 07:02
- Performing Mux Scan November 10, 07:00
- Mux scan for flow cell FAN30463 has found a total of 111 pores. 101 pores available for immediate sequencing November 10, 05:30
- Performing Mux Scan November 10, 05:27
- Mux scan for flow cell FAN30463 has found a total of 142 pores. 126 pores available for immediate sequencing November 10, 03:57
- Performing Mux Scan November 10, 03:55
- Mux scan for flow cell FAN30463 has found a total of 141 pores. 121 pores available for immediate sequencing November 10, 02:25
- Performing Mux Scan November 10, 02:22
- Mux scan for flow cell FAN30463 has found a total of 161 pores. 139 pores available for immediate sequencing November 10, 00:52
- Performing Mux Scan November 10, 00:49
- Mux scan for flow cell FAN30463 has found a total of 224 pores. 181 pores available for immediate sequencing November 9, 23:19
- Performing Mux Scan November 9, 23:17
- Mux scan for flow cell FAN30463 has found a total of 294 pores. 219 pores available for immediate sequencing November 9, 21:46
- Performing Mux Scan November 9, 21:44
- Mux scan for flow cell FAN30463 has found a total of 399 pores. 277 pores available for immediate sequencing November 9, 20:13
- Performing Mux Scan November 9, 20:11
- Mux scan for flow cell FAN30463 has found a total of 612 pores. 393 pores available for immediate sequencing November 9, 18:40

- Performing Mux Scan November 9, 18:37
- Mux scan for flow cell FAN30463 has found a total of 103 pores. 91 pores available for immediate sequencing November 9, 16:40
- Performing Mux Scan November 9, 16:38
- Mux scan for flow cell FAN30463 has found a total of 110 pores. 95 pores available for immediate sequencing November 9, 15:08
- Performing Mux Scan November 9, 15:05
- Mux scan for flow cell FAN30463 has found a total of 117 pores. 106 pores available for immediate sequencing November 9, 13:35
- Performing Mux Scan November 9, 13:33
- Mux scan for flow cell FAN30463 has found a total of 120 pores. 105 pores available for immediate sequencing November 9, 12:03
- Performing Mux Scan November 9, 12:00
- Mux scan for flow cell FAN30463 has found a total of 169 pores. 144 pores available for immediate sequencing November 9, 10:30
- Performing Mux Scan November 9, 10:28
- Mux scan for flow cell FAN30463 has found a total of 199 pores. 158 pores available for immediate sequencing November 9, 08:57
- Performing Mux Scan November 9, 08:55
- Mux scan for flow cell FAN30463 has found a total of 247 pores. 183 pores available for immediate sequencing November 9, 07:24
- Performing Mux Scan November 9, 07:22
- Mux scan for flow cell FAN30463 has found a total of 304 pores. 215 pores available for immediate sequencing November 9, 05:51
- Performing Mux Scan November 9, 05:49
- Mux scan for flow cell FAN30463 has found a total of 371 pores. 237 pores available for immediate sequencing November 9, 04:19
- Performing Mux Scan November 9, 04:16
- Mux scan for flow cell FAN30463 has found a total of 477 pores. 289 pores available for immediate sequencing November 9, 02:45
- Performing Mux Scan November 9, 02:43
- Mux scan for flow cell FAN30463 has found a total of 662 pores. 356 pores available for immediate sequencing November 9, 01:12
- Performing Mux Scan November 9, 01:10
- Mux scan for flow cell FAN30463 has found a total of 855 pores. 423 pores available for immediate sequencing November 8, 23:38
- Performing Mux Scan November 8, 23:36
- Mux scan for flow cell FAN30463 has found a total of 1157 pores. 484 pores available for immediate sequencing November 8, 22:05
- Performing Mux Scan November 8, 22:03
- Starting sequencing procedure November 8, 22:03
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C November 8, 22:00