Run Info

Host Name	**GXB02097 (localhost)**
Position	**X1**
Experiment Name	**VX06_H61211a**
Sample ID	**H61211a**
Run ID	**76ba07ea-8708-42fd-a535-39f0bedf8d84**
Acquisition ID(s)	**a722cac92b366f98efe57d7a041098d82617206a, e65cfd83425cc6d3119a69951217b30b1eb81d40**
Flow Cell Id	**FAL80797**
Start Time	**July 22, 10:13**
Run Length	**3d 0h 4m**

Run Summary

Reads Generated	**8.53 M**
Passed Bases	**4.32 Gb**
Failed Bases	**2.14 Gb**
Estimated Bases	**6.66 Gb**

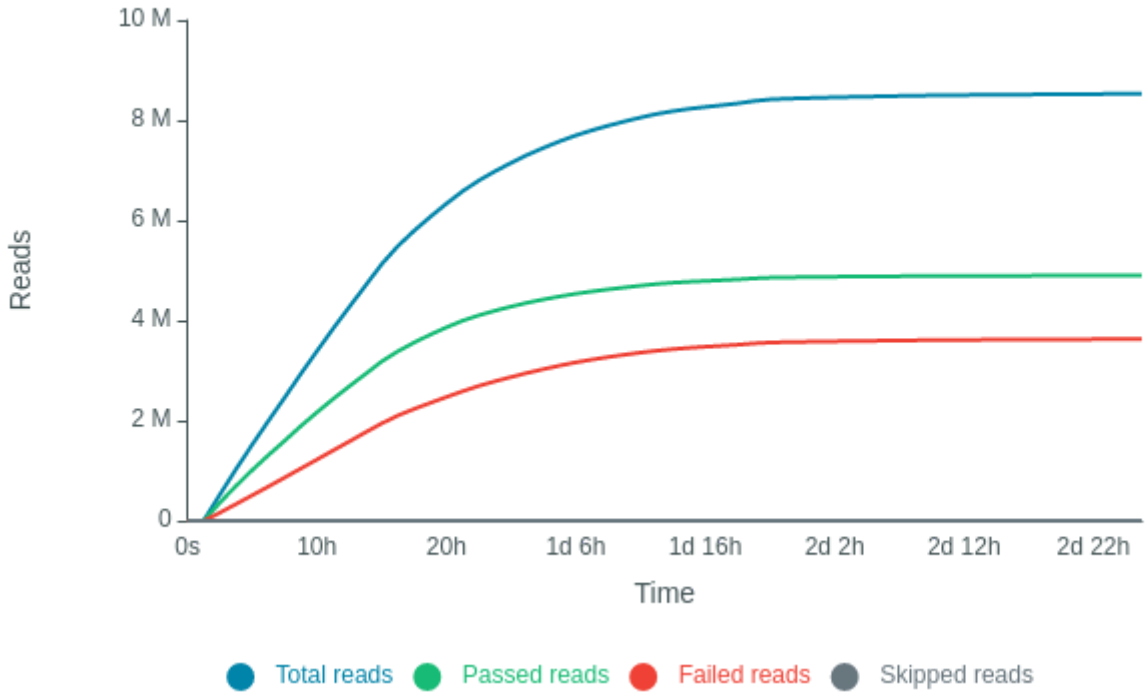
Run Parameters

Flow Cell Type	**FLO-MIN106**
Kit	**SQK-DCS109**
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**

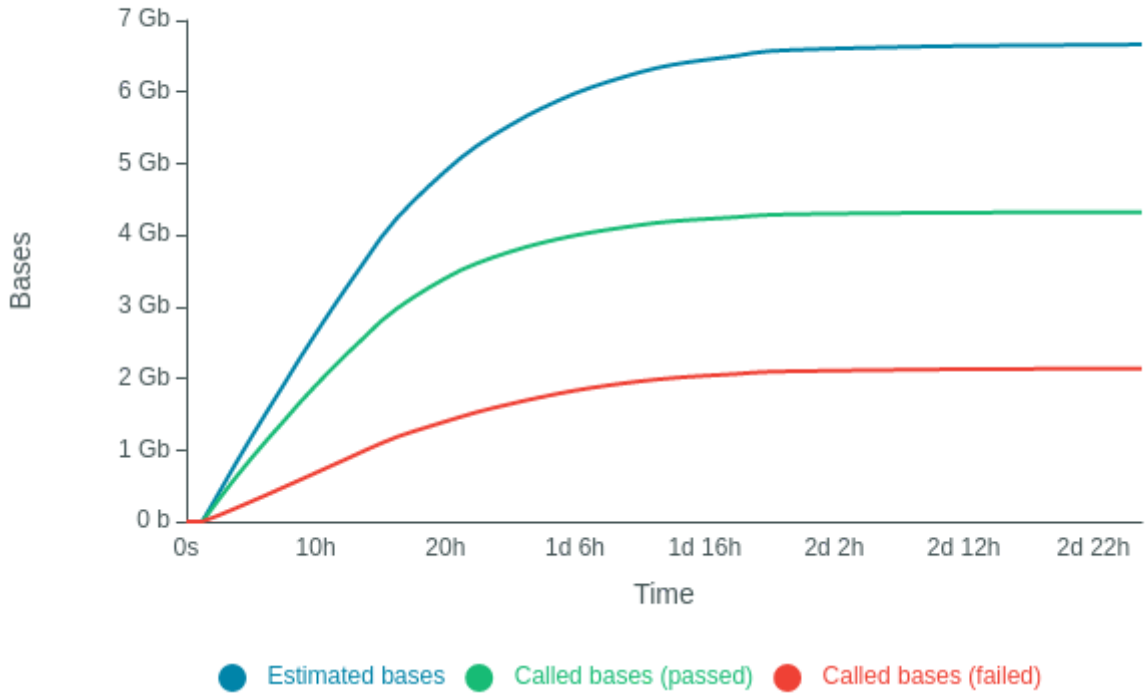
Versions

MinKNOW	**21.05.12**
MinKNOW Core	**4.3.7**
Bream	**6.2.5**
Guppy	**5.0.12**

Cumulative Output Reads

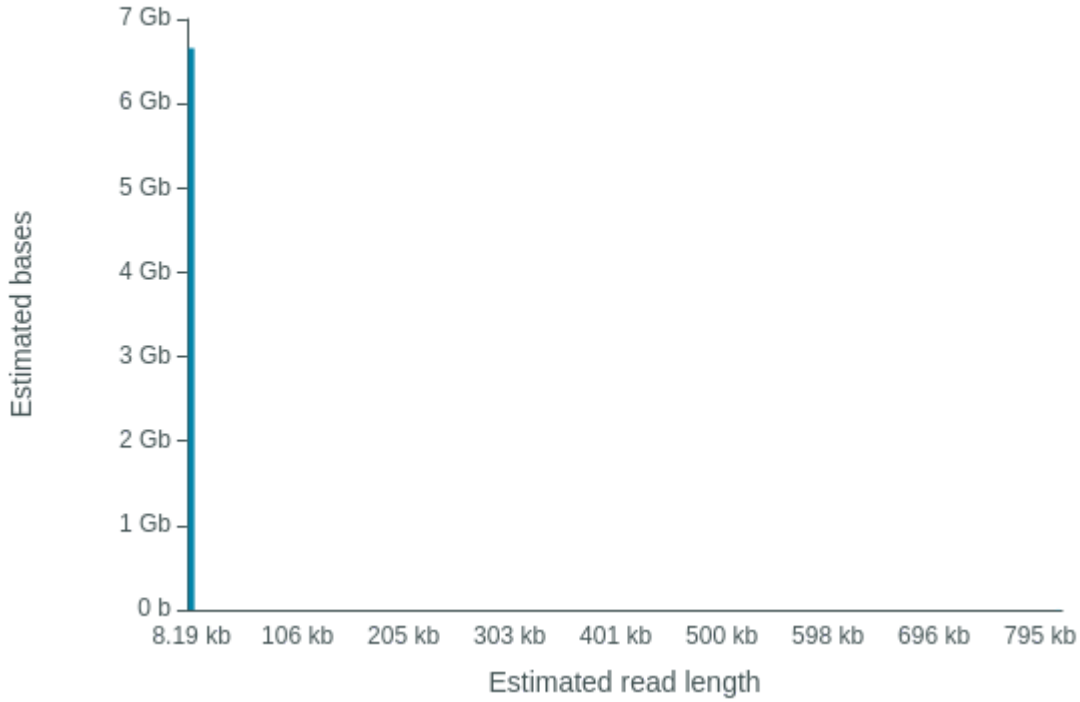


Cumulative Output Bases



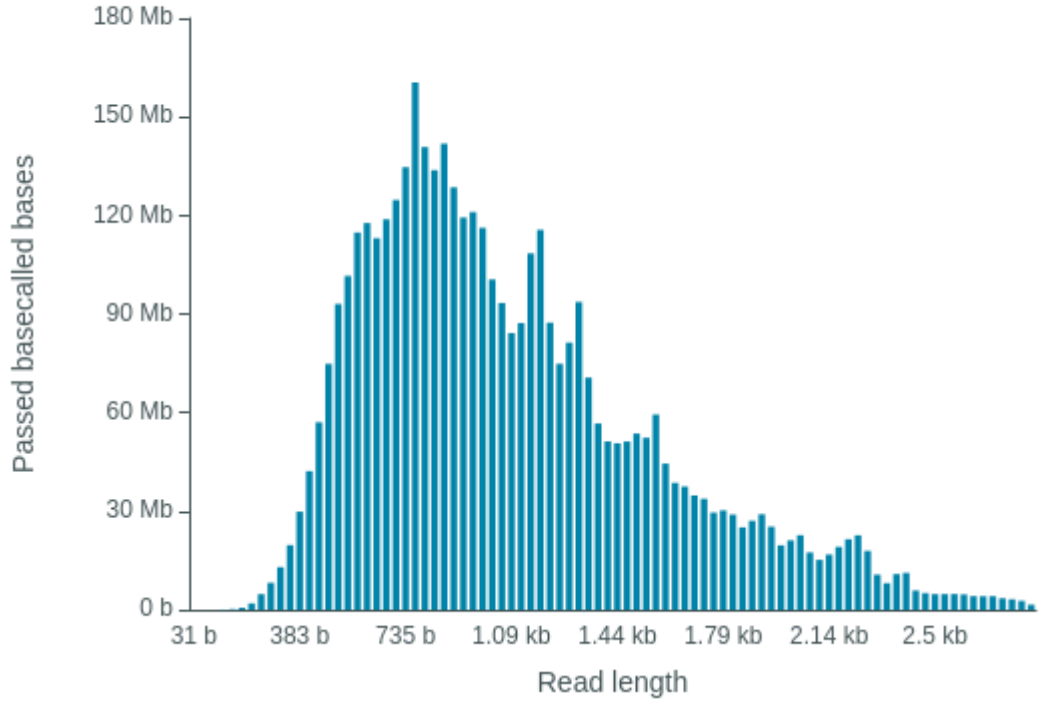
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 959 b



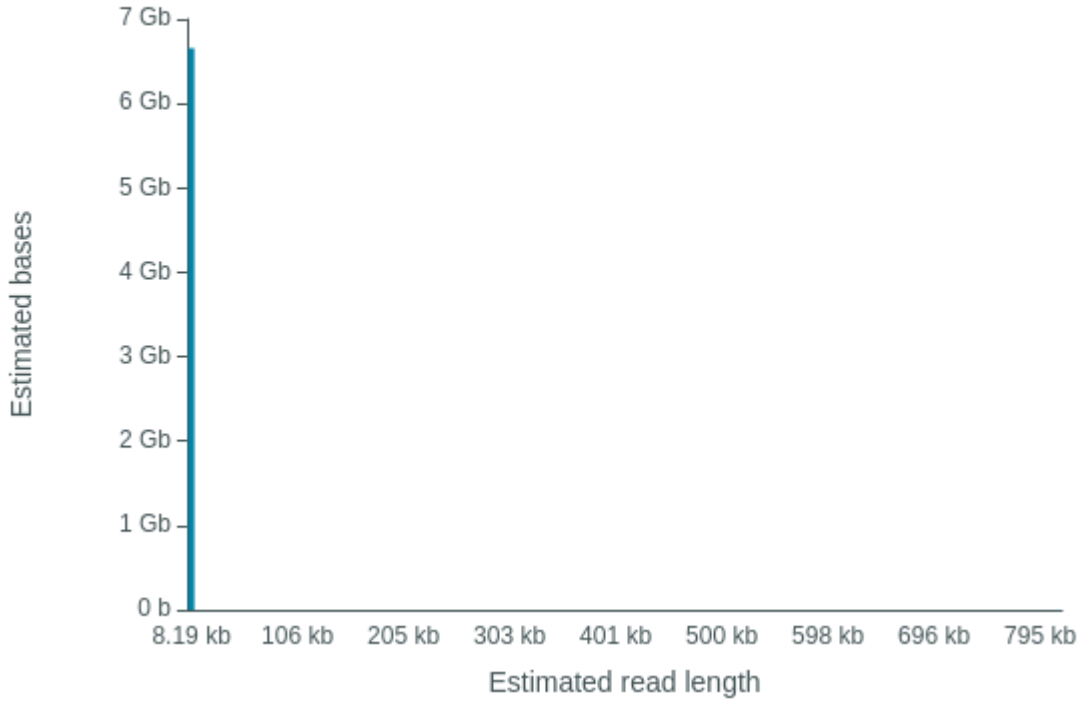
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 966 b



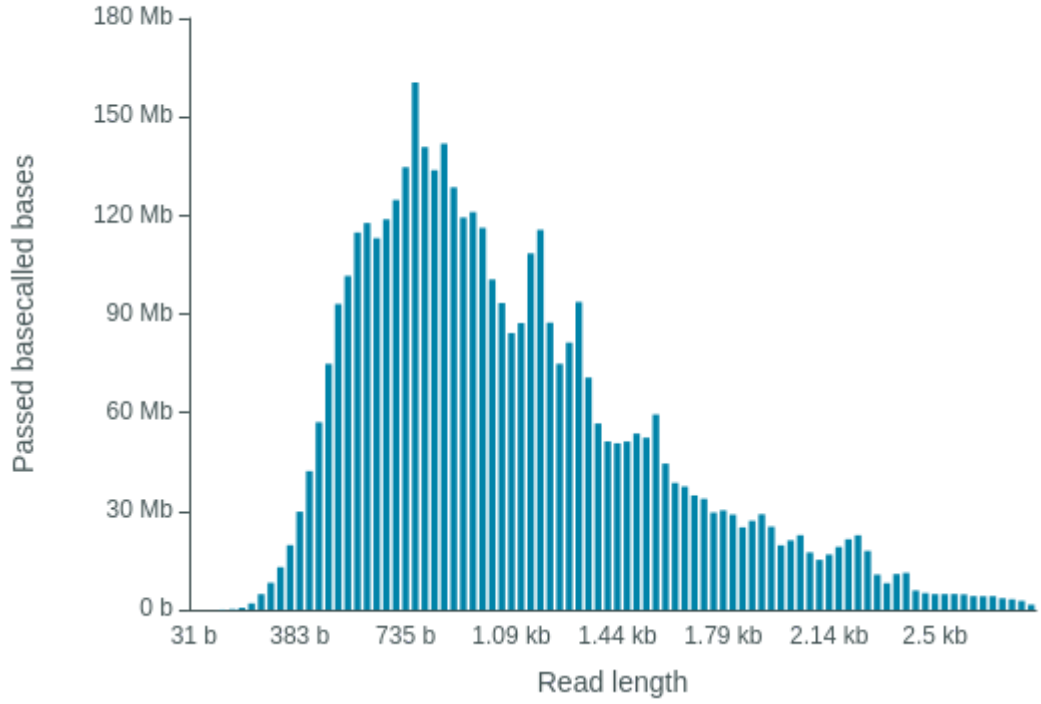
Read Length Histogram Estimated Bases

Estimated N50: 959 b

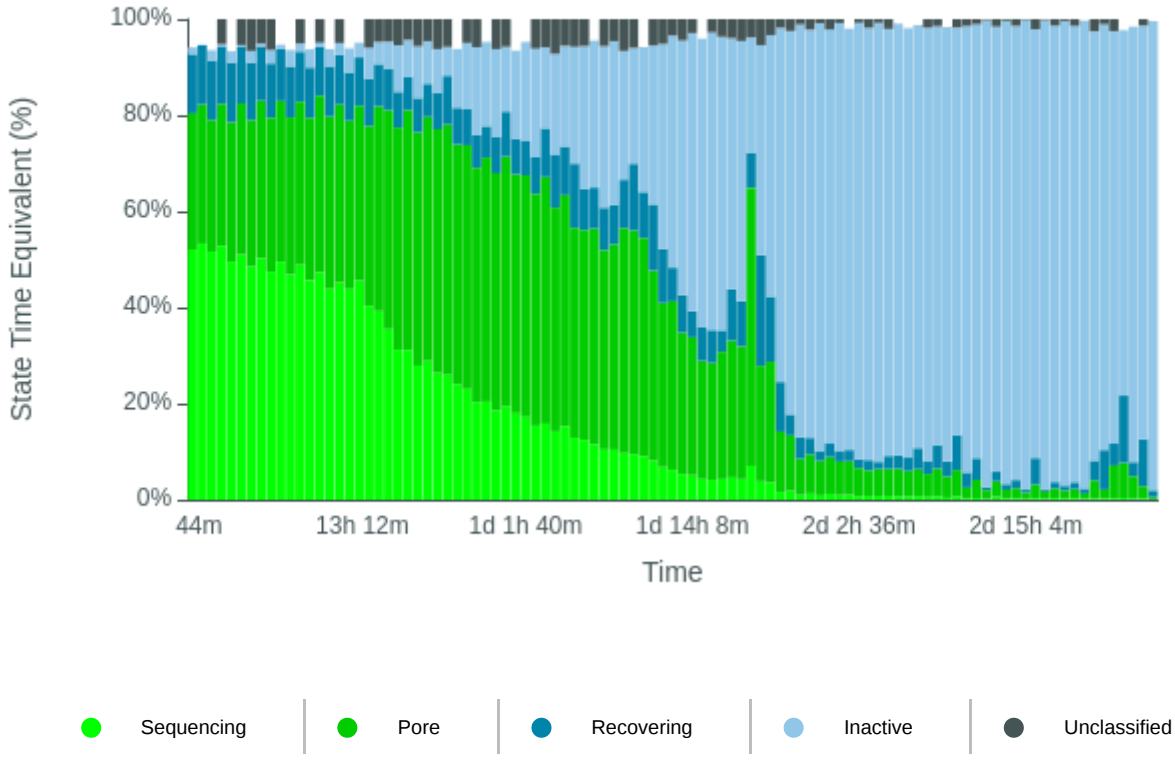


Read Length Histogram Basecalled Bases

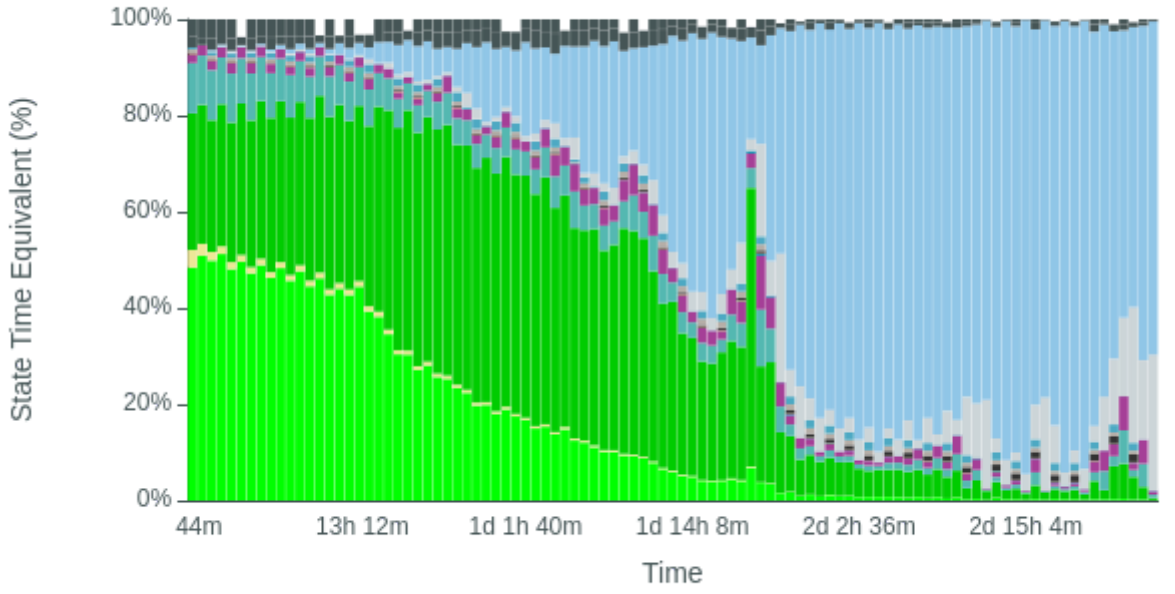
Estimated N50: 966 b



Duty Time Grouped

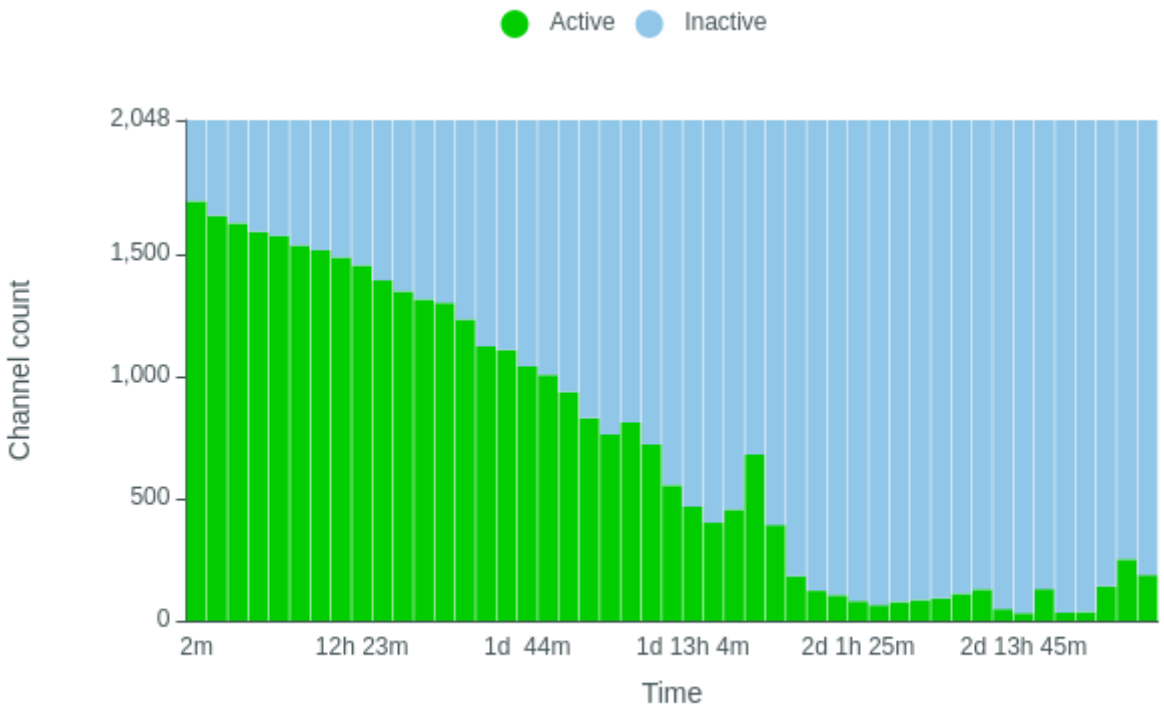


Duty time Categorised

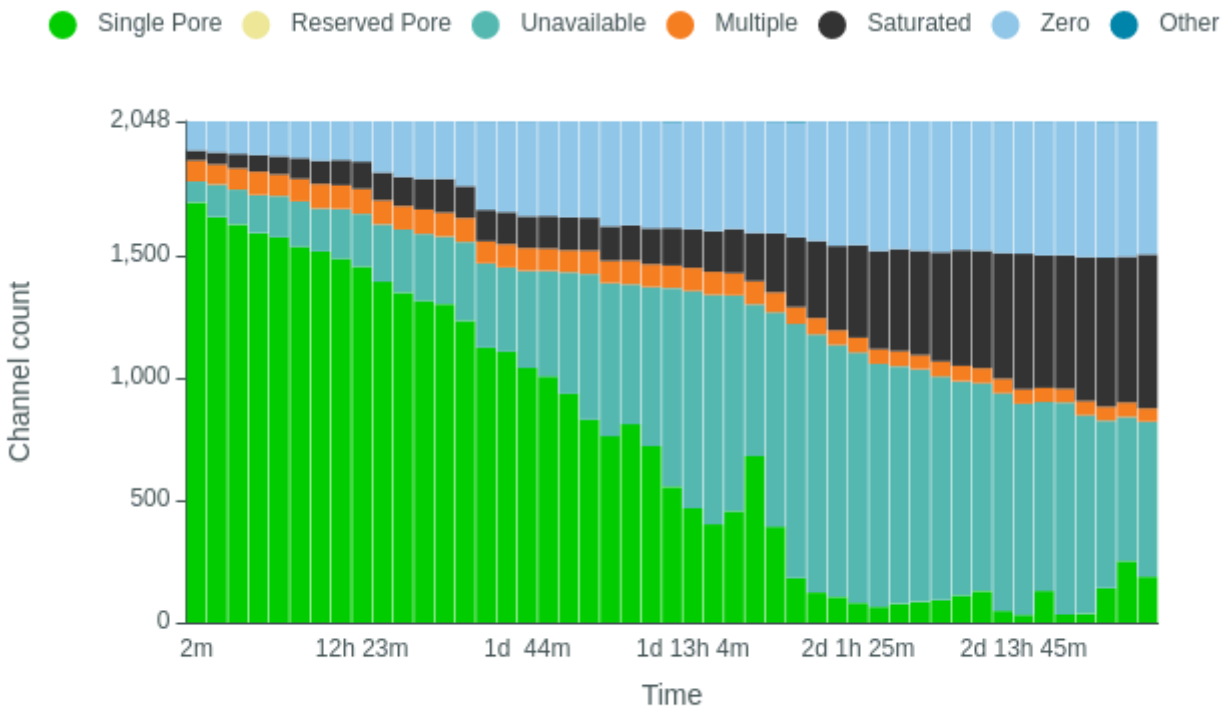


Strand
Adapter
Single Pore
Unavailable
Active Feedback
No Pore From Scan
Out Of Range 2
Possible Multiple
Saturated
Out Of Range 1
Zero
Channel Disabled
Unclassified
Unclassified_following_reset
Pending_manual_reset
Pending_mux_change
Pending Reselection

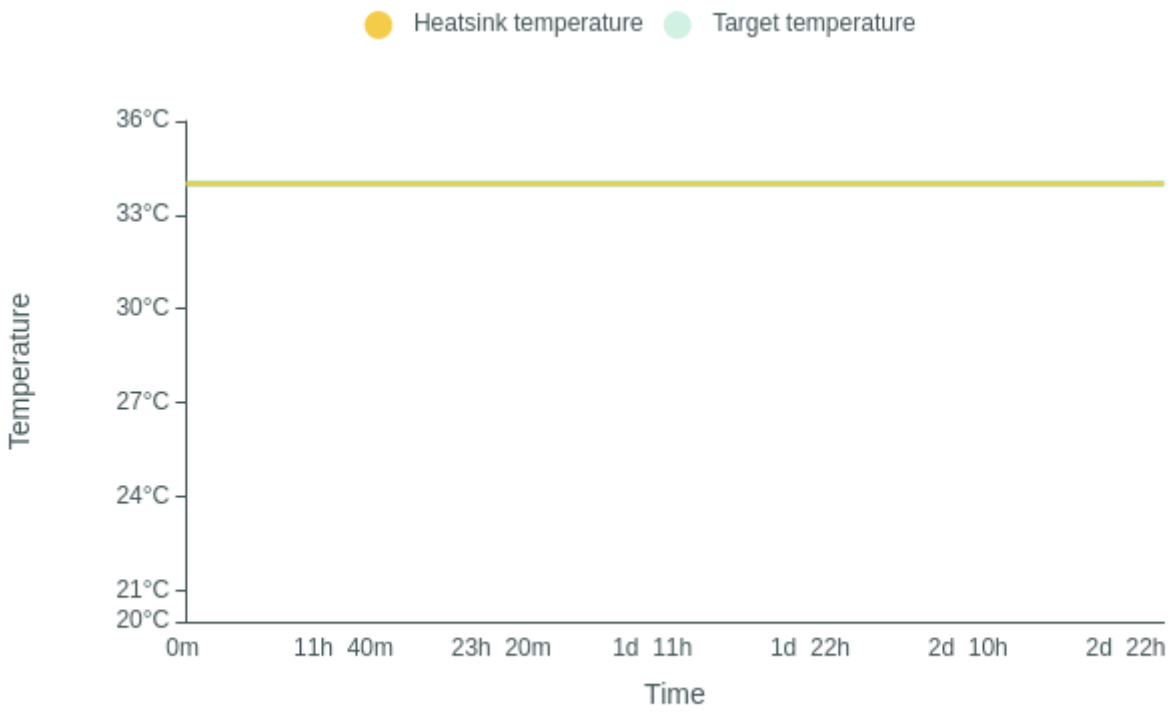
Mux Scan Grouped



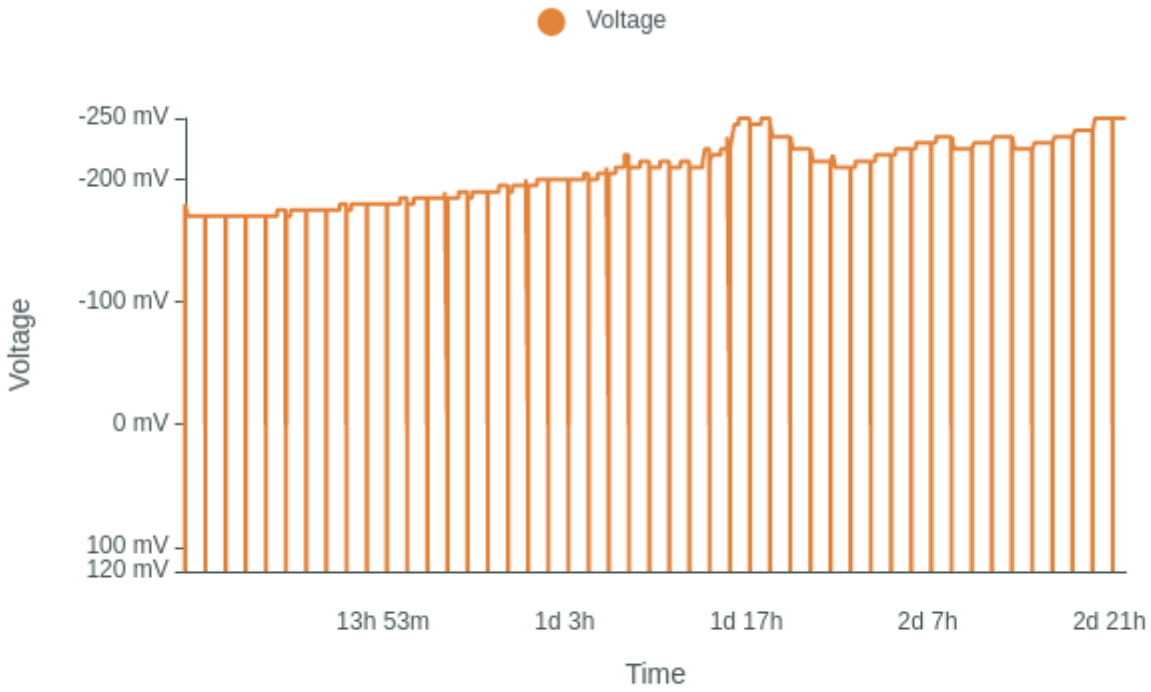
Mux Scan Categorised



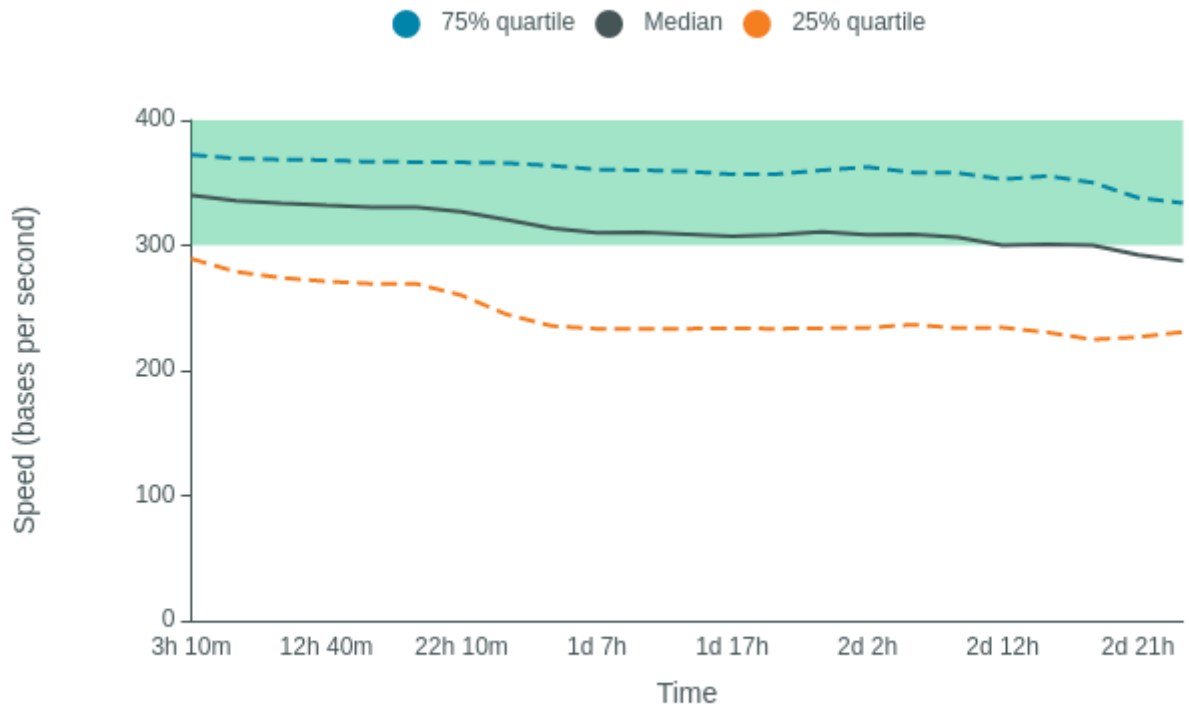
Temperature History



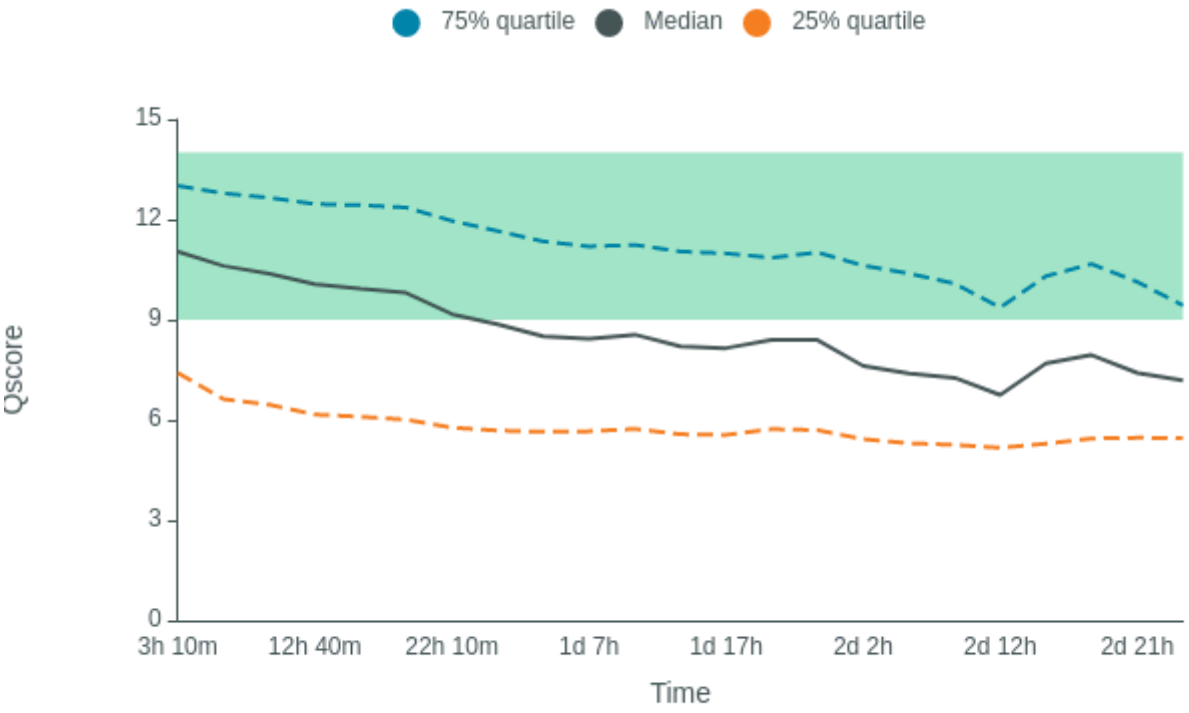
Bias Voltage History



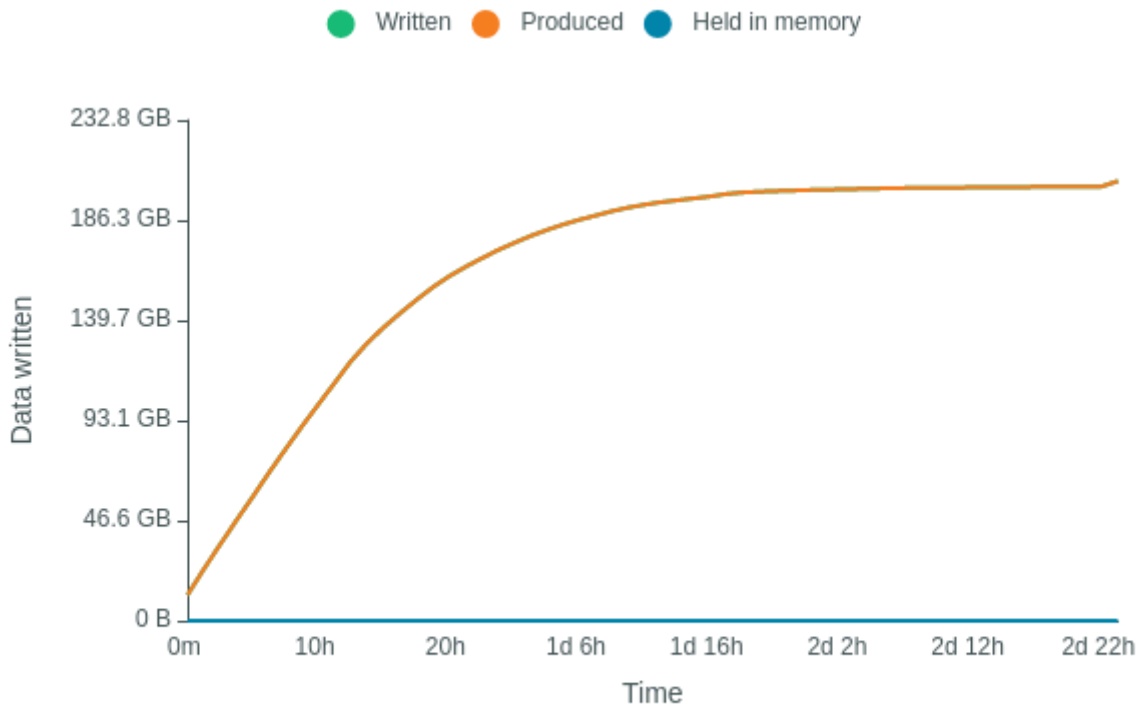
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue July 25, 10:17
- Mux scan for flow cell FAL80797 has found a total of 187 pores. 156 pores available for immediate sequencing July 25, 09:17
- Performing Mux Scan July 25, 09:15
- Mux scan for flow cell FAL80797 has found a total of 251 pores. 206 pores available for immediate sequencing July 25, 07:45
- Performing Mux Scan July 25, 07:42
- Mux scan for flow cell FAL80797 has found a total of 141 pores. 116 pores available for immediate sequencing July 25, 06:12
- Performing Mux Scan July 25, 06:10
- Mux scan for flow cell FAL80797 has found a total of 36 pores. 35 pores available for immediate sequencing July 25, 04:40
- Performing Mux Scan July 25, 04:37
- Mux scan for flow cell FAL80797 has found a total of 33 pores. 32 pores available for immediate sequencing July 25, 03:07
- Performing Mux Scan July 25, 03:05
- Mux scan for flow cell FAL80797 has found a total of 130 pores. 111 pores available for immediate sequencing July 25, 01:35
- Performing Mux Scan July 25, 01:32
- Mux scan for flow cell FAL80797 has found a total of 31 pores. 29 pores available for immediate sequencing July 25, 00:02
- Performing Mux Scan July 25, 00:00
- Mux scan for flow cell FAL80797 has found a total of 48 pores. 45 pores available for immediate sequencing July 24, 22:30
- Performing Mux Scan July 24, 22:27
- Mux scan for flow cell FAL80797 has found a total of 128 pores. 108 pores available for immediate sequencing July 24, 20:57
- Performing Mux Scan July 24, 20:55
- Mux scan for flow cell FAL80797 has found a total of 111 pores. 95 pores available for immediate sequencing July 24, 19:25
- Performing Mux Scan July 24, 19:22
- Mux scan for flow cell FAL80797 has found a total of 92 pores. 78 pores available for immediate sequencing July 24, 17:52
- Performing Mux Scan July 24, 17:50
- Mux scan for flow cell FAL80797 has found a total of 85 pores. 71 pores available for immediate sequencing July 24, 16:20
- Performing Mux Scan July 24, 16:17
- Mux scan for flow cell FAL80797 has found a total of 77 pores. 70 pores available for immediate sequencing July 24, 14:47
- Performing Mux Scan July 24, 14:45
- Mux scan for flow cell FAL80797 has found a total of 64 pores. 56 pores available for immediate sequencing July 24, 13:15
- Performing Mux Scan July 24, 13:12
- Mux scan for flow cell FAL80797 has found a total of 80 pores. 69 pores available for immediate sequencing July 24, 11:42
- Performing Mux Scan July 24, 11:40
- Mux scan for flow cell FAL80797 has found a total of 104 pores. 81 pores available for immediate sequencing July 24, 10:10
- Performing Mux Scan July 24, 10:07
- Mux scan for flow cell FAL80797 has found a total of 122 pores. 92 pores available for

immediate sequencing July 24, 08:37

- Performing Mux Scan July 24, 08:35
- Mux scan for flow cell FAL80797 has found a total of 183 pores. 127 pores available for immediate sequencing July 24, 07:05
- Performing Mux Scan July 24, 07:02
- Mux scan for flow cell FAL80797 has found a total of 392 pores. 272 pores available for immediate sequencing July 24, 05:32
- Performing Mux Scan July 24, 05:30
- Mux scan for flow cell FAL80797 has found a total of 680 pores. 404 pores available for immediate sequencing July 24, 04:00
- Performing Mux Scan July 24, 03:57
- Mux scan for flow cell FAL80797 has found a total of 455 pores. 266 pores available for immediate sequencing July 24, 02:27
- Performing Mux Scan July 24, 02:25
- Mux scan for flow cell FAL80797 has found a total of 401 pores. 208 pores available for immediate sequencing July 24, 00:55
- Performing Mux Scan July 24, 00:52
- Mux scan for flow cell FAL80797 has found a total of 467 pores. 237 pores available for immediate sequencing July 23, 23:22
- Performing Mux Scan July 23, 23:20
- Mux scan for flow cell FAL80797 has found a total of 554 pores. 282 pores available for immediate sequencing July 23, 21:49
- Performing Mux Scan July 23, 21:47
- Mux scan for flow cell FAL80797 has found a total of 721 pores. 369 pores available for immediate sequencing July 23, 20:17
- Performing Mux Scan July 23, 20:14
- Mux scan for flow cell FAL80797 has found a total of 810 pores. 403 pores available for immediate sequencing July 23, 18:44
- Performing Mux Scan July 23, 18:42
- Mux scan for flow cell FAL80797 has found a total of 761 pores. 356 pores available for immediate sequencing July 23, 17:12
- Performing Mux Scan July 23, 17:09
- Mux scan for flow cell FAL80797 has found a total of 829 pores. 371 pores available for immediate sequencing July 23, 15:39
- Performing Mux Scan July 23, 15:37
- Mux scan for flow cell FAL80797 has found a total of 935 pores. 414 pores available for immediate sequencing July 23, 14:07
- Performing Mux Scan July 23, 14:04
- Mux scan for flow cell FAL80797 has found a total of 1005 pores. 435 pores available for immediate sequencing July 23, 12:34
- Performing Mux Scan July 23, 12:32
- Mux scan for flow cell FAL80797 has found a total of 1040 pores. 412 pores available for immediate sequencing July 23, 11:01
- Performing Mux Scan July 23, 10:59
- Mux scan for flow cell FAL80797 has found a total of 1107 pores. 448 pores available for immediate sequencing July 23, 09:29
- Performing Mux Scan July 23, 09:26
- Mux scan for flow cell FAL80797 has found a total of 1123 pores. 427 pores available for immediate sequencing July 23, 07:56
- Performing Mux Scan July 23, 07:54
- Mux scan for flow cell FAL80797 has found a total of 1233 pores. 459 pores available for immediate sequencing July 23, 06:24

- Performing Mux Scan July 23, 06:21
- Mux scan for flow cell FAL80797 has found a total of 1301 pores. 485 pores available for immediate sequencing July 23, 04:51
- Performing Mux Scan July 23, 04:49
- Mux scan for flow cell FAL80797 has found a total of 1314 pores. 471 pores available for immediate sequencing July 23, 03:18
- Performing Mux Scan July 23, 03:16
- Mux scan for flow cell FAL80797 has found a total of 1348 pores. 478 pores available for immediate sequencing July 23, 01:46
- Performing Mux Scan July 23, 01:43
- Mux scan for flow cell FAL80797 has found a total of 1392 pores. 490 pores available for immediate sequencing July 23, 00:13
- Performing Mux Scan July 23, 00:11
- Mux scan for flow cell FAL80797 has found a total of 1454 pores. 499 pores available for immediate sequencing July 22, 22:41
- Performing Mux Scan July 22, 22:38
- Mux scan for flow cell FAL80797 has found a total of 1486 pores. 500 pores available for immediate sequencing July 22, 21:08
- Performing Mux Scan July 22, 21:06
- Mux scan for flow cell FAL80797 has found a total of 1516 pores. 508 pores available for immediate sequencing July 22, 19:35
- Performing Mux Scan July 22, 19:33
- Mux scan for flow cell FAL80797 has found a total of 1535 pores. 506 pores available for immediate sequencing July 22, 18:03
- Performing Mux Scan July 22, 18:00
- Mux scan for flow cell FAL80797 has found a total of 1574 pores. 508 pores available for immediate sequencing July 22, 16:30
- Performing Mux Scan July 22, 16:28
- Mux scan for flow cell FAL80797 has found a total of 1592 pores. 510 pores available for immediate sequencing July 22, 14:57
- Performing Mux Scan July 22, 14:55
- Mux scan for flow cell FAL80797 has found a total of 1627 pores. 511 pores available for immediate sequencing July 22, 13:25
- Performing Mux Scan July 22, 13:22
- Mux scan for flow cell FAL80797 has found a total of 1657 pores. 510 pores available for immediate sequencing July 22, 11:52
- Performing Mux Scan July 22, 11:50
- Mux scan for flow cell FAL80797 has found a total of 1717 pores. 512 pores available for immediate sequencing July 22, 10:20
- Performing Mux Scan July 22, 10:17
- Starting sequencing procedure July 22, 10:17
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C July 22, 10:13