Run Info

Host Name	**PCT0052 (localhost)**
Position	**2-E3-H3**
Experiment Name	**X0204**
Sample ID	**no_sample**
Run ID	**5e3c15eb-c72b-4f91-9e68-3321f56dcdbc**
Acquisition ID(s)	**dfc1be971979bfcb18645a405b26c34d7ecaa279, 13dd3a14e196470904c2ab85852ec5fa8ae710e6, fc7449636e55ae32e241d1a32c14e10537f6413c, 1edb0ff379a4bcbc6ffebd19efa5c0ffe8567c18**
Flow Cell Id	**PAH43321**
Start Time	**November 24, 01:08**
Run Length	**3d 0h 2m**

Run Summary

Reads Generated	**1.54 M**
Passed Bases	**747.78 Mb**
Failed Bases	**281.76 Mb**
Estimated Bases	**1.18 Gb**

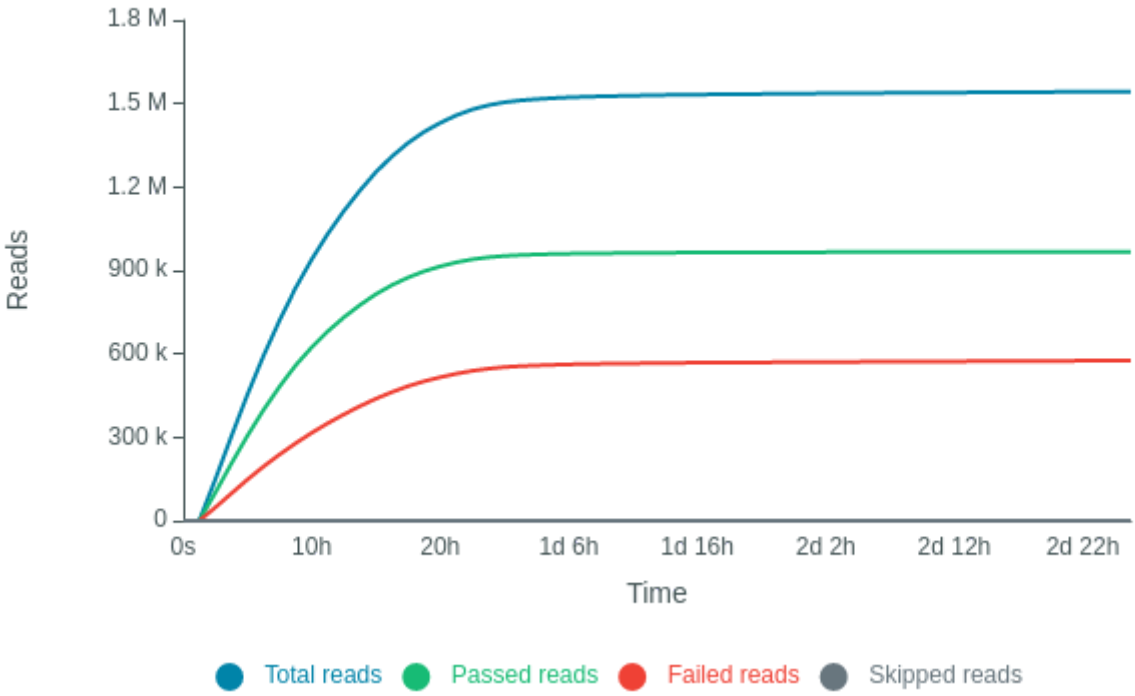
Run Parameters

Flow Cell Type	**FLO-PRO002**
Kit	**SQK-RNA002**
Initial bias voltage	**-165 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**

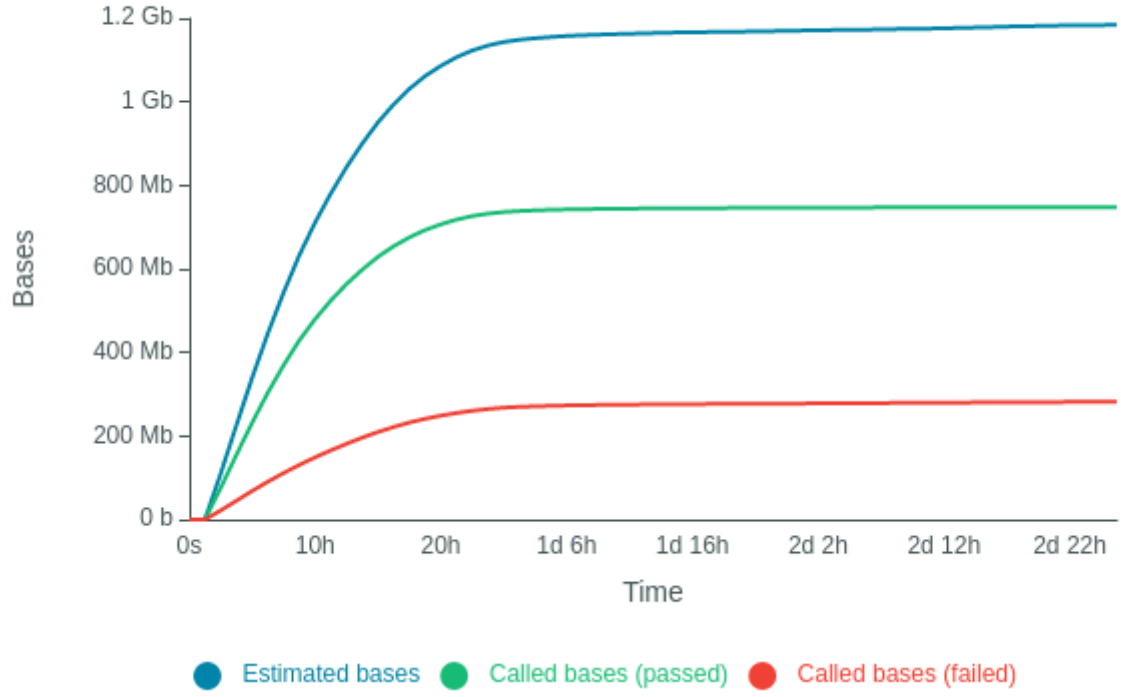
Versions

MinKNOW	**21.05.20**
MinKNOW Core	**4.3.11**
Bream	**6.2.6**
Guppy	**5.0.13**

Cumulative Output Reads

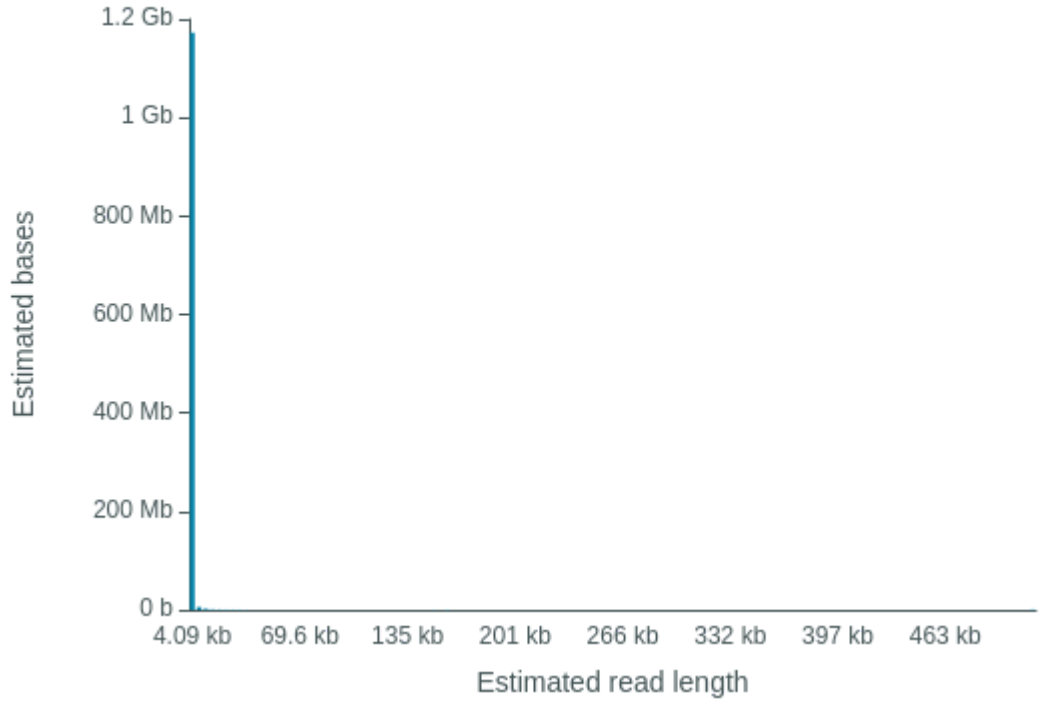


Cumulative Output Bases



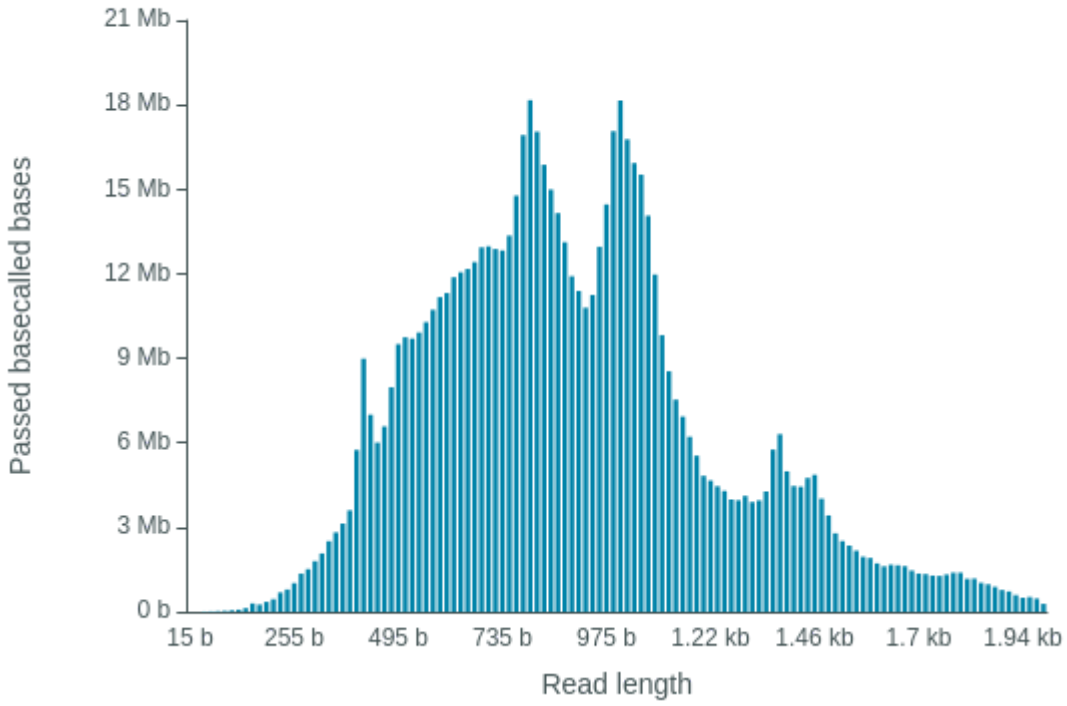
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 882 b



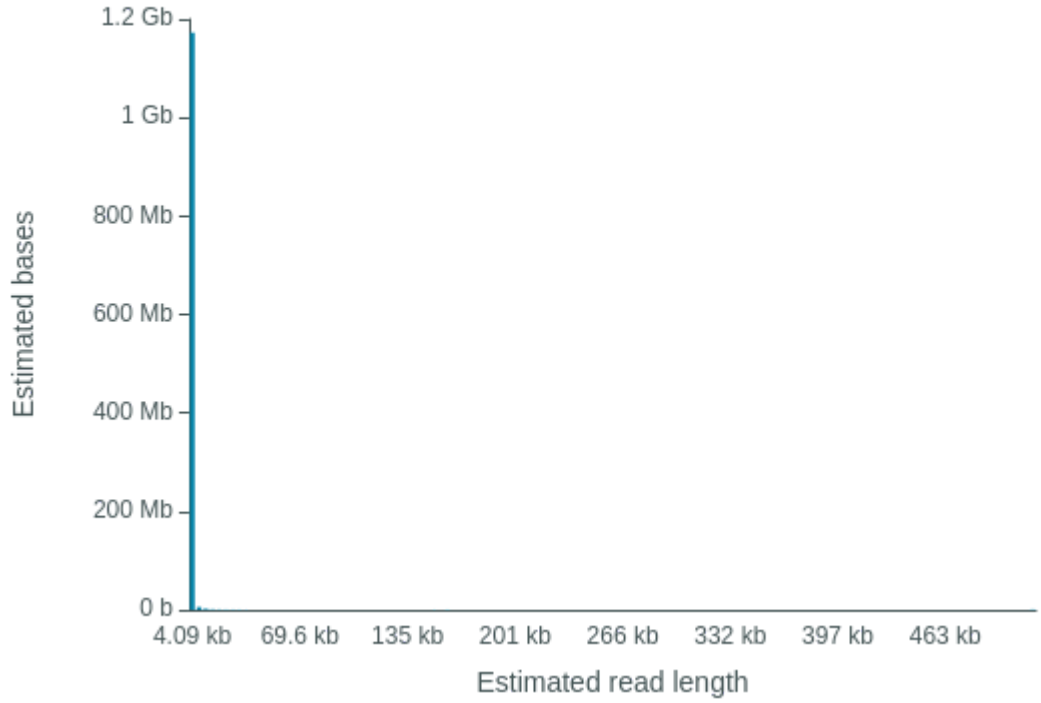
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 860 b



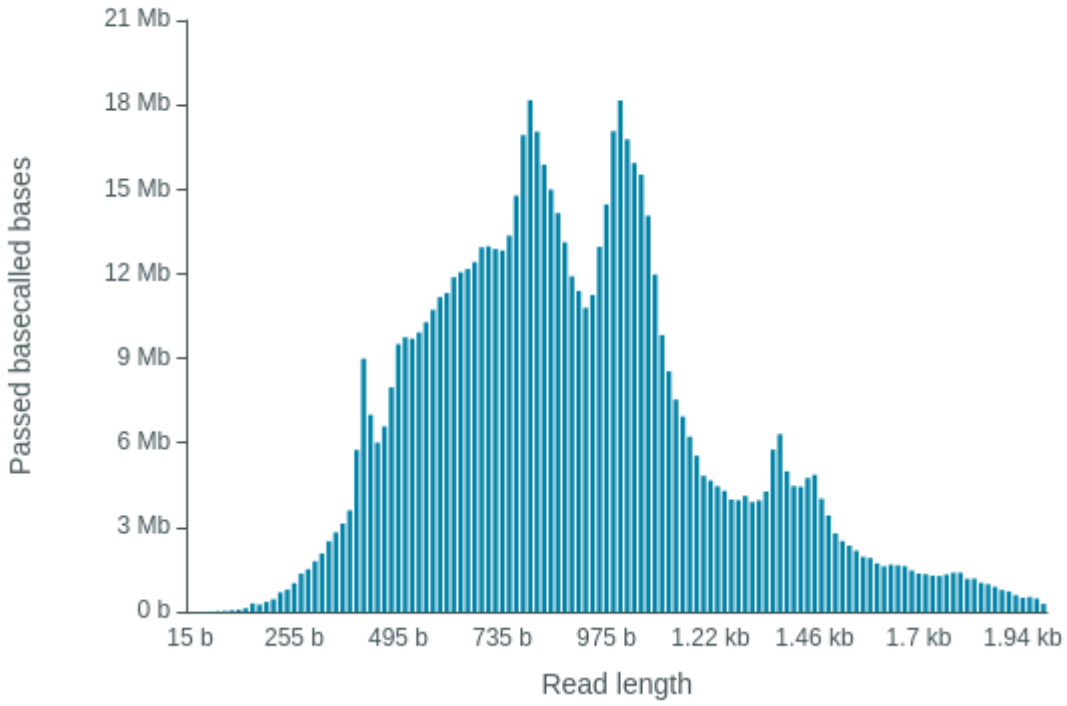
Read Length Histogram Estimated Bases

Estimated N50: 882 b

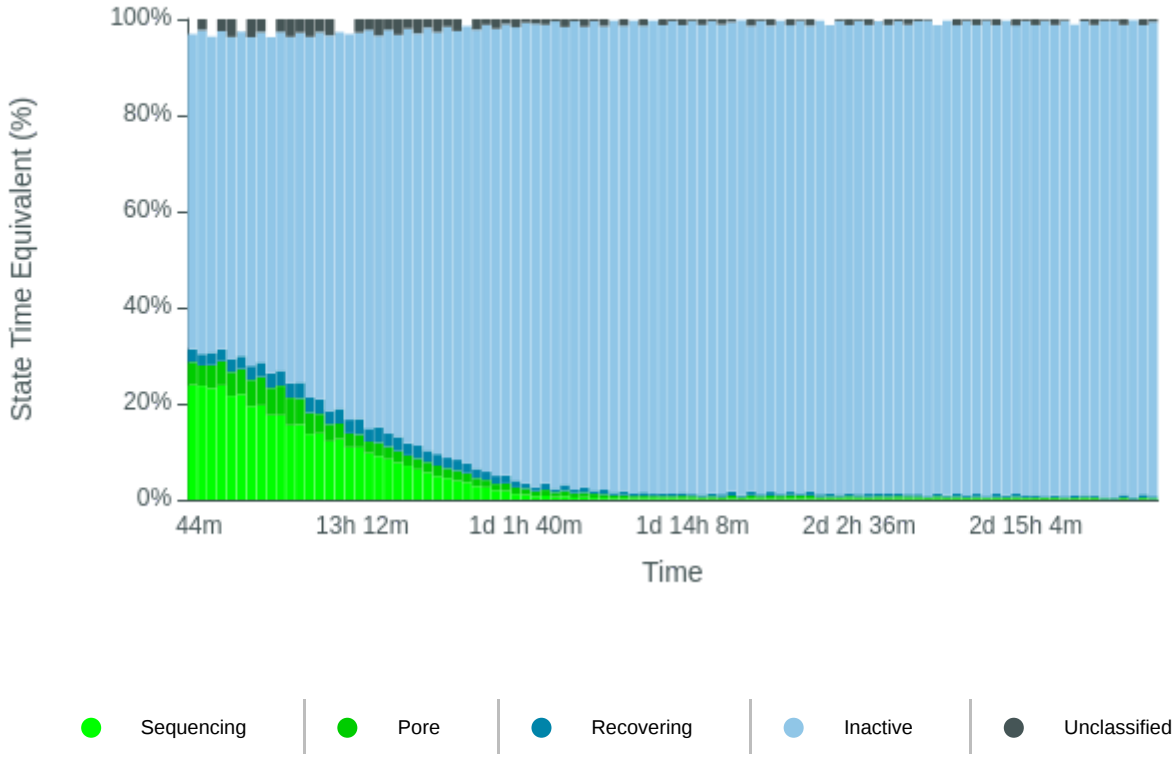


Read Length Histogram Basecalled Bases

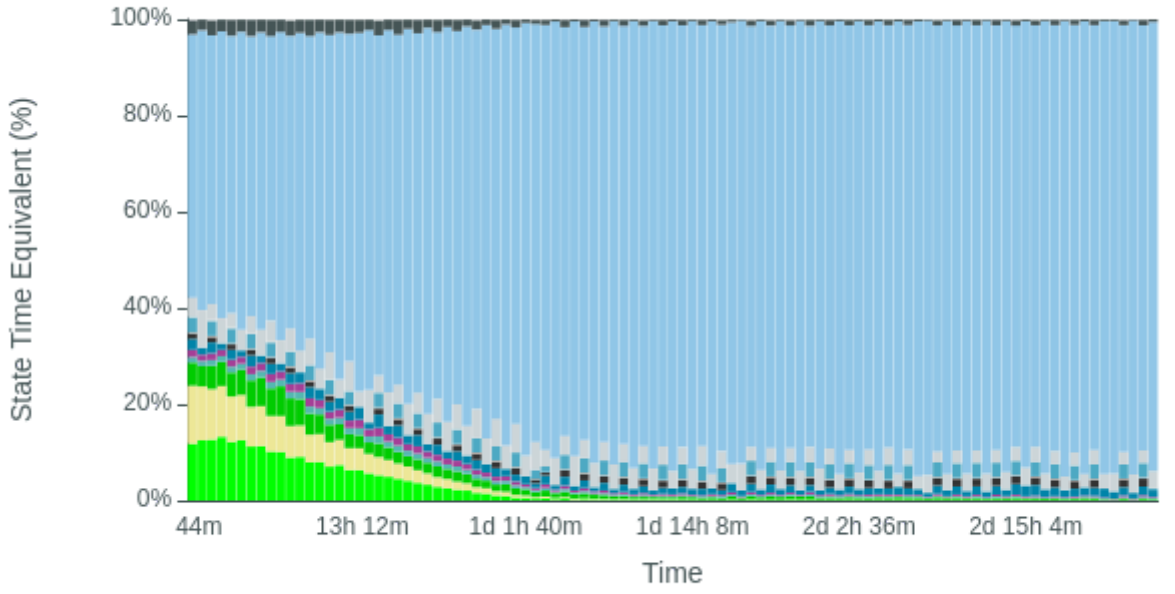
Estimated N50: 860 b



Duty Time Grouped

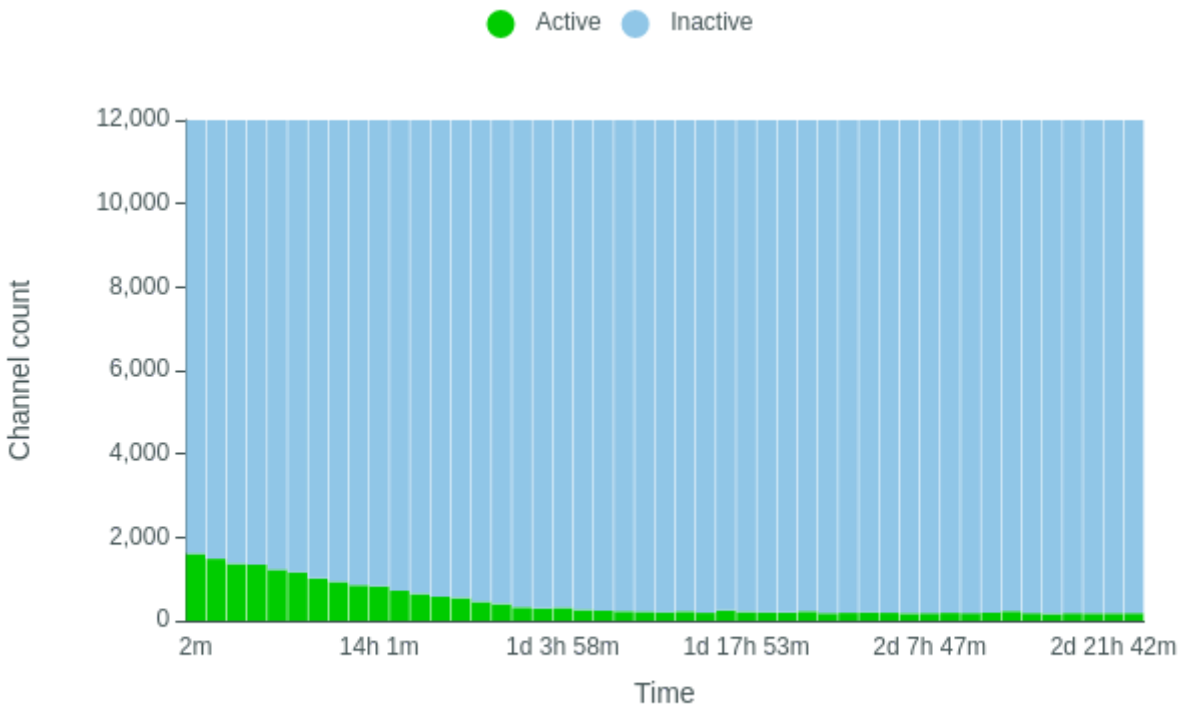


Duty time Categorised

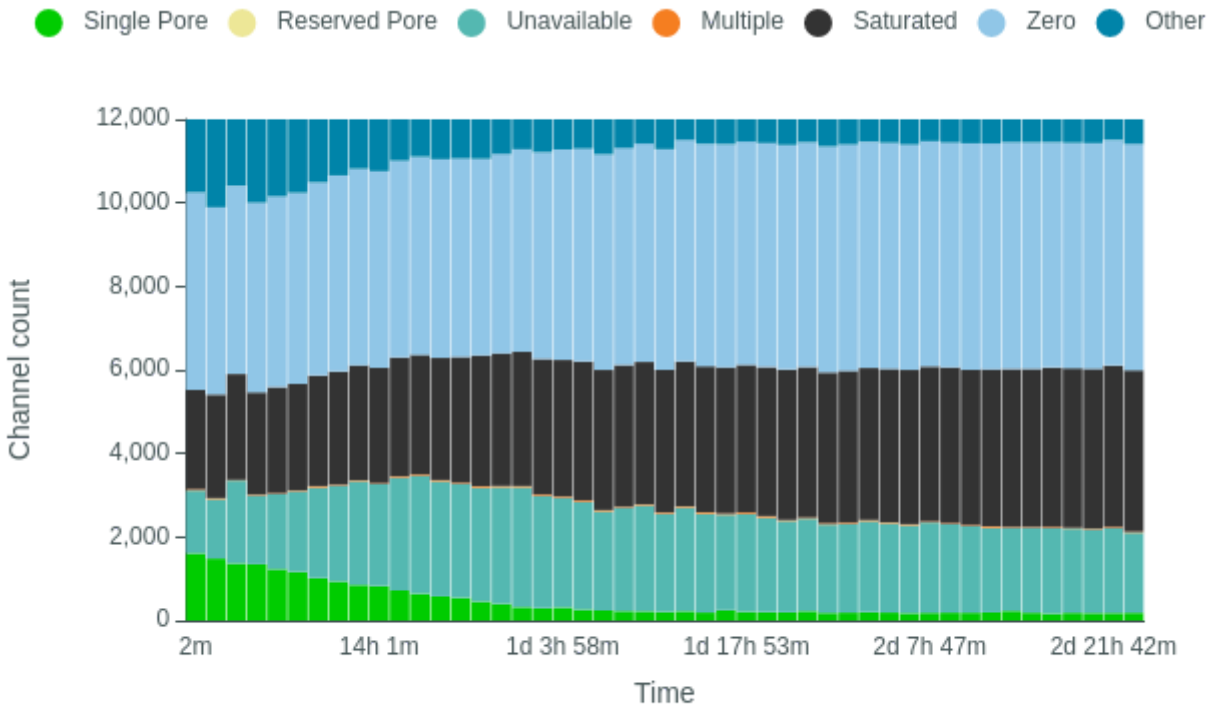


Strand
Adapter
Single Pore
Unavailable
Active Feedback
No Pore From Scan
Out Of Range 2
Possible Multiple
Saturated
Out Of Range 1
Zero
Channel Disabled
Unclassified
Unclassified_following_reset
Pending_manual_reset
Pending_mux_change
Pending Reselection

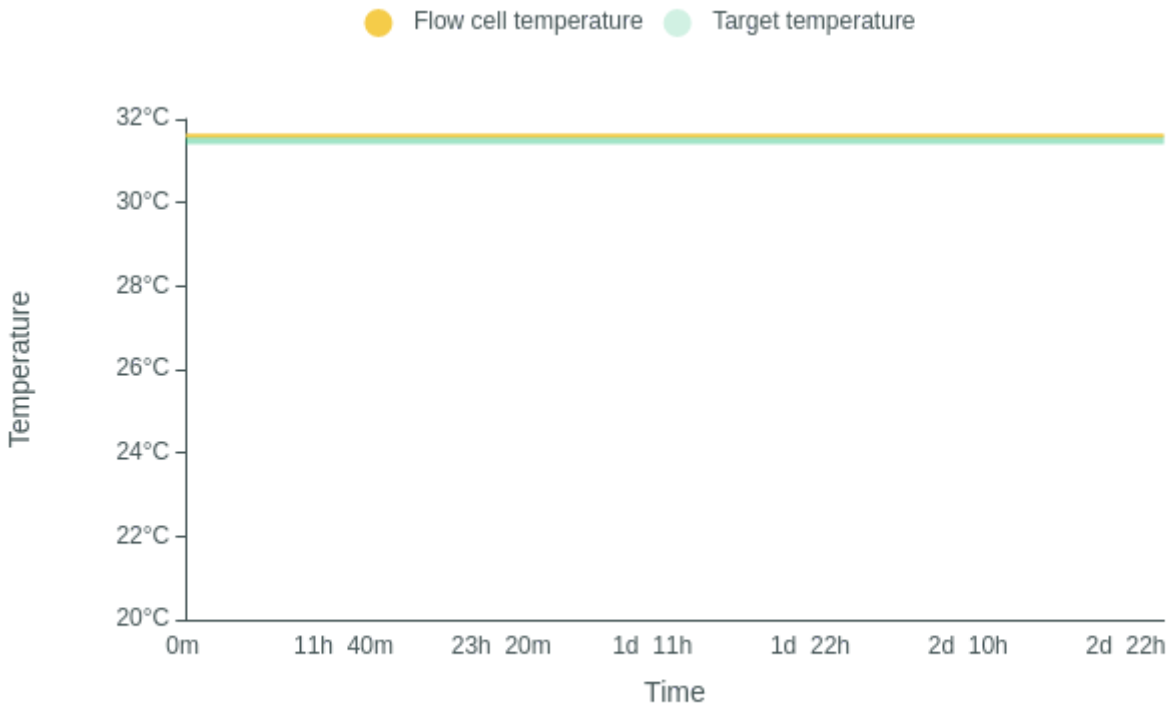
Mux Scan Grouped



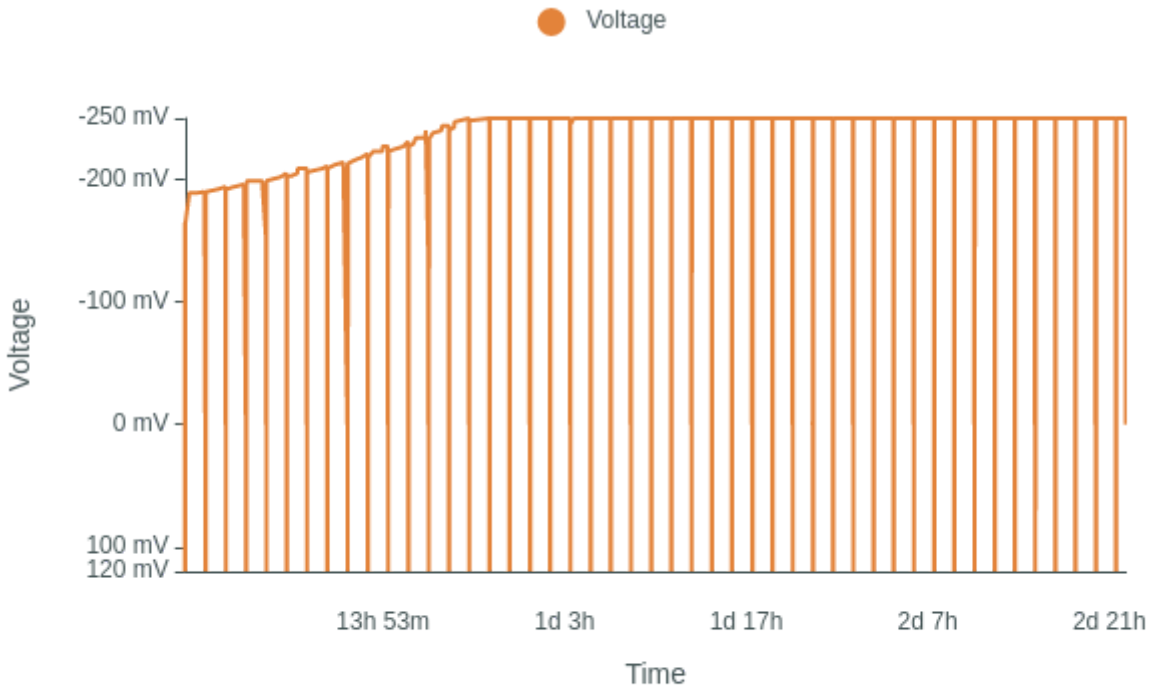
Mux Scan Categorised



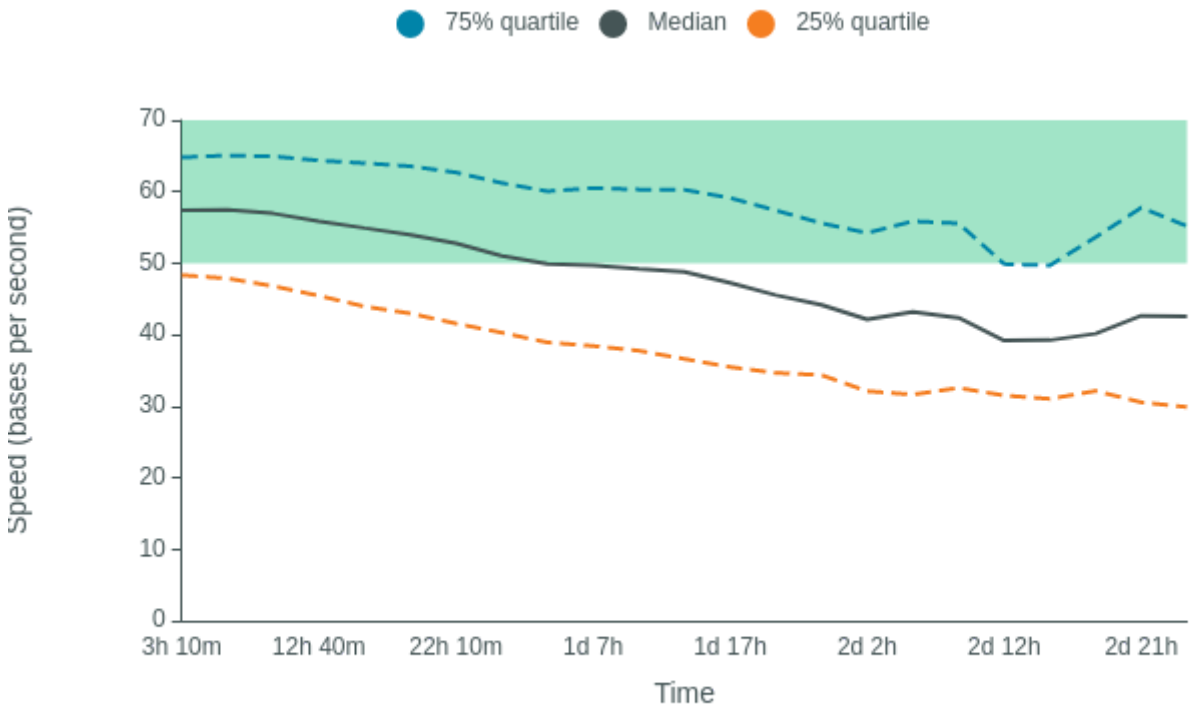
Temperature History



Bias Voltage History

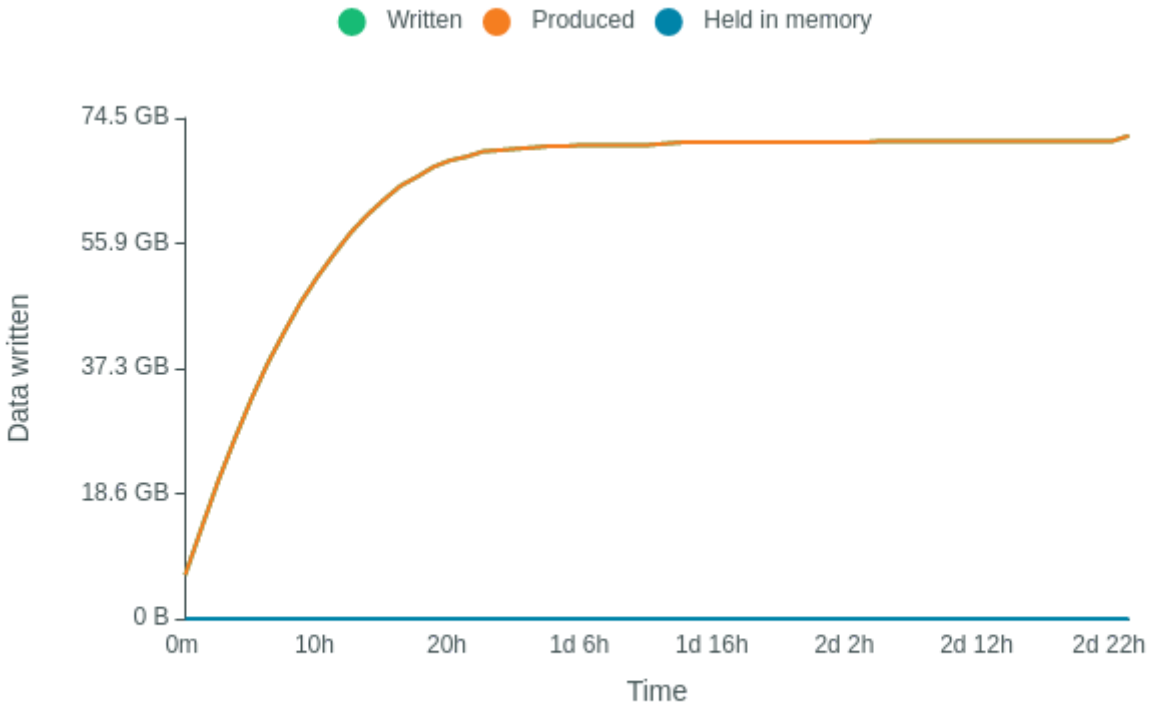


Translocation Speed



QScore

Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue November 27, 01:10
- Mux scan for flow cell PAH43321 has found a total of 183 pores. 179 pores available for immediate sequencing November 27, 00:25
- Performing Mux Scan November 27, 00:23
- Mux scan for flow cell PAH43321 has found a total of 178 pores. 169 pores available for immediate sequencing November 26, 22:53
- Performing Mux Scan November 26, 22:50
- Mux scan for flow cell PAH43321 has found a total of 177 pores. 175 pores available for immediate sequencing November 26, 21:20
- Performing Mux Scan November 26, 21:17
- Mux scan for flow cell PAH43321 has found a total of 183 pores. 179 pores available for immediate sequencing November 26, 19:47
- Performing Mux Scan November 26, 19:44
- Mux scan for flow cell PAH43321 has found a total of 166 pores. 159 pores available for immediate sequencing November 26, 18:14
- Performing Mux Scan November 26, 18:12
- Mux scan for flow cell PAH43321 has found a total of 184 pores. 178 pores available for immediate sequencing November 26, 16:42
- Performing Mux Scan November 26, 16:39
- Mux scan for flow cell PAH43321 has found a total of 228 pores. 218 pores available for immediate sequencing November 26, 15:09
- Performing Mux Scan November 26, 15:06
- Mux scan for flow cell PAH43321 has found a total of 194 pores. 188 pores available for immediate sequencing November 26, 13:36
- Performing Mux Scan November 26, 13:33
- Mux scan for flow cell PAH43321 has found a total of 185 pores. 176 pores available for immediate sequencing November 26, 12:03
- Performing Mux Scan November 26, 12:01
- Mux scan for flow cell PAH43321 has found a total of 187 pores. 179 pores available for immediate sequencing November 26, 10:31
- Performing Mux Scan November 26, 10:28
- Mux scan for flow cell PAH43321 has found a total of 182 pores. 174 pores available for immediate sequencing November 26, 08:58
- Performing Mux Scan November 26, 08:55
- Mux scan for flow cell PAH43321 has found a total of 174 pores. 166 pores available for immediate sequencing November 26, 07:25
- Performing Mux Scan November 26, 07:22
- Mux scan for flow cell PAH43321 has found a total of 189 pores. 181 pores available for immediate sequencing November 26, 05:52
- Performing Mux Scan November 26, 05:49
- Mux scan for flow cell PAH43321 has found a total of 204 pores. 197 pores available for immediate sequencing November 26, 04:19
- Performing Mux Scan November 26, 04:17
- Mux scan for flow cell PAH43321 has found a total of 188 pores. 184 pores available for immediate sequencing November 26, 02:47
- Performing Mux Scan November 26, 02:44
- Mux scan for flow cell PAH43321 has found a total of 180 pores. 175 pores available for immediate sequencing November 26, 01:14
- Performing Mux Scan November 26, 01:11
- Mux scan for flow cell PAH43321 has found a total of 224 pores. 210 pores available for

immediate sequencing November 25, 23:41

- Performing Mux Scan November 25, 23:38
- Mux scan for flow cell PAH43321 has found a total of 198 pores. 193 pores available for immediate sequencing November 25, 22:08
- Performing Mux Scan November 25, 22:06
- Mux scan for flow cell PAH43321 has found a total of 205 pores. 196 pores available for immediate sequencing November 25, 20:36
- Performing Mux Scan November 25, 20:33
- Mux scan for flow cell PAH43321 has found a total of 212 pores. 202 pores available for immediate sequencing November 25, 19:03
- Performing Mux Scan November 25, 19:00
- Mux scan for flow cell PAH43321 has found a total of 249 pores. 237 pores available for immediate sequencing November 25, 17:30
- Performing Mux Scan November 25, 17:27
- Mux scan for flow cell PAH43321 has found a total of 189 pores. 178 pores available for immediate sequencing November 25, 15:57
- Performing Mux Scan November 25, 15:55
- Mux scan for flow cell PAH43321 has found a total of 222 pores. 207 pores available for immediate sequencing November 25, 14:24
- Performing Mux Scan November 25, 14:22
- Mux scan for flow cell PAH43321 has found a total of 209 pores. 196 pores available for immediate sequencing November 25, 12:52
- Performing Mux Scan November 25, 12:49
- Mux scan for flow cell PAH43321 has found a total of 220 pores. 208 pores available for immediate sequencing November 25, 11:19
- Performing Mux Scan November 25, 11:16
- Mux scan for flow cell PAH43321 has found a total of 225 pores. 212 pores available for immediate sequencing November 25, 09:46
- Performing Mux Scan November 25, 09:43
- Mux scan for flow cell PAH43321 has found a total of 240 pores. 235 pores available for immediate sequencing November 25, 08:13
- Performing Mux Scan November 25, 08:11
- Mux scan for flow cell PAH43321 has found a total of 261 pores. 247 pores available for immediate sequencing November 25, 06:41
- Performing Mux Scan November 25, 06:38
- Mux scan for flow cell PAH43321 has found a total of 312 pores. 291 pores available for immediate sequencing November 25, 05:08
- Performing Mux Scan November 25, 05:05
- Mux scan for flow cell PAH43321 has found a total of 298 pores. 278 pores available for immediate sequencing November 25, 03:35
- Performing Mux Scan November 25, 03:32
- Mux scan for flow cell PAH43321 has found a total of 319 pores. 302 pores available for immediate sequencing November 25, 02:02
- Performing Mux Scan November 25, 02:00
- Mux scan for flow cell PAH43321 has found a total of 402 pores. 375 pores available for immediate sequencing November 25, 00:29
- Performing Mux Scan November 25, 00:27
- Mux scan for flow cell PAH43321 has found a total of 455 pores. 423 pores available for immediate sequencing November 24, 22:57
- Performing Mux Scan November 24, 22:54
- Mux scan for flow cell PAH43321 has found a total of 547 pores. 508 pores available for immediate sequencing November 24, 21:24

- Performing Mux Scan November 24, 21:21
- Mux scan for flow cell PAH43321 has found a total of 578 pores. 536 pores available for immediate sequencing November 24, 19:50
- Performing Mux Scan November 24, 19:48
- Mux scan for flow cell PAH43321 has found a total of 644 pores. 594 pores available for immediate sequencing November 24, 18:17
- Performing Mux Scan November 24, 18:15
- Mux scan for flow cell PAH43321 has found a total of 719 pores. 661 pores available for immediate sequencing November 24, 16:44
- Performing Mux Scan November 24, 16:42
- Mux scan for flow cell PAH43321 has found a total of 828 pores. 743 pores available for immediate sequencing November 24, 15:11
- Performing Mux Scan November 24, 15:08
- Mux scan for flow cell PAH43321 has found a total of 850 pores. 756 pores available for immediate sequencing November 24, 13:38
- Performing Mux Scan November 24, 13:35
- Mux scan for flow cell PAH43321 has found a total of 936 pores. 836 pores available for immediate sequencing November 24, 12:05
- Performing Mux Scan November 24, 12:02
- Mux scan for flow cell PAH43321 has found a total of 1018 pores. 903 pores available for immediate sequencing November 24, 10:32
- Performing Mux Scan November 24, 10:29
- Mux scan for flow cell PAH43321 has found a total of 1167 pores. 1019 pores available for immediate sequencing November 24, 08:59
- Performing Mux Scan November 24, 08:56
- Mux scan for flow cell PAH43321 has found a total of 1228 pores. 1078 pores available for immediate sequencing November 24, 07:25
- Performing Mux Scan November 24, 07:23
- Mux scan for flow cell PAH43321 has found a total of 1349 pores. 1144 pores available for immediate sequencing November 24, 05:52
- Performing Mux Scan November 24, 05:49
- Mux scan for flow cell PAH43321 has found a total of 1367 pores. 1143 pores available for immediate sequencing November 24, 04:19
- Performing Mux Scan November 24, 04:16
- Mux scan for flow cell PAH43321 has found a total of 1483 pores. 1212 pores available for immediate sequencing November 24, 02:46
- Performing Mux Scan November 24, 02:43
- Mux scan for flow cell PAH43321 has found a total of 1609 pores. 1254 pores available for immediate sequencing November 24, 01:13
- Performing Mux Scan November 24, 01:10
- Starting sequencing procedure November 24, 01:10
- Waiting up to 180 seconds for temperature to stabilise at 31.5°C November 24, 01:08