



Run Info

Host Name	sobol (localhost)
Position	MN34986
Experiment Name	Project1_Big
Sample ID	Project1_big
Run ID	9a1db0d5-9555-4359-9d81-2601195af5b8
Acquisition ID(s)	23f44cfe1843d1eafb7671820feaa46eff379a50, 7778fee00e0e1996b23d32c4dbd435c1eb1912ec
Flow Cell Id	FAV36531
Start Time	October 17, 15:38
Run Length	5d 6h 45m

Run Summary

Reads Generated	7.25 M
Passed Bases	14.28 Gb
Failed Bases	4.02 Gb
Estimated Bases	18.27 Gb

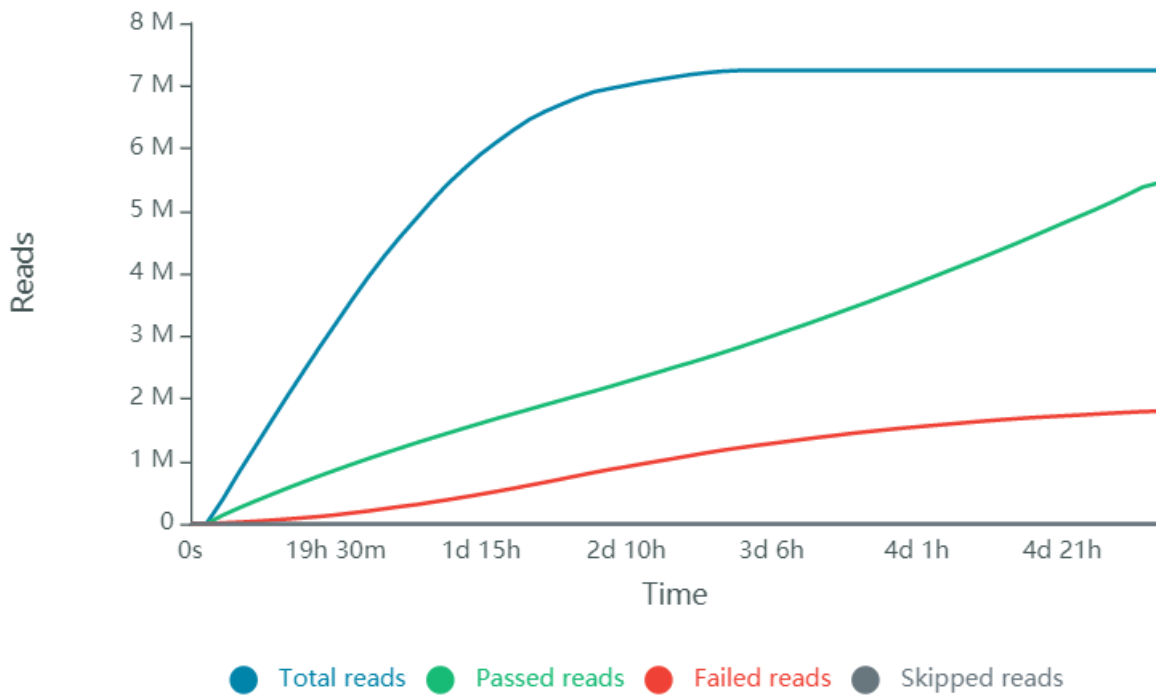
Run Parameters

Flow Cell Type	FLO-MIN106
Kit	SQK-RBK004
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	Fast basecalling
Barcoding	barcoding_kits=["SQK-RBK004"],trim_barcodes="off",require_barcodes_both_ends="off",detect_mid_strand_barcodes="off",min_score=60
Read filtering	min_qscore=8

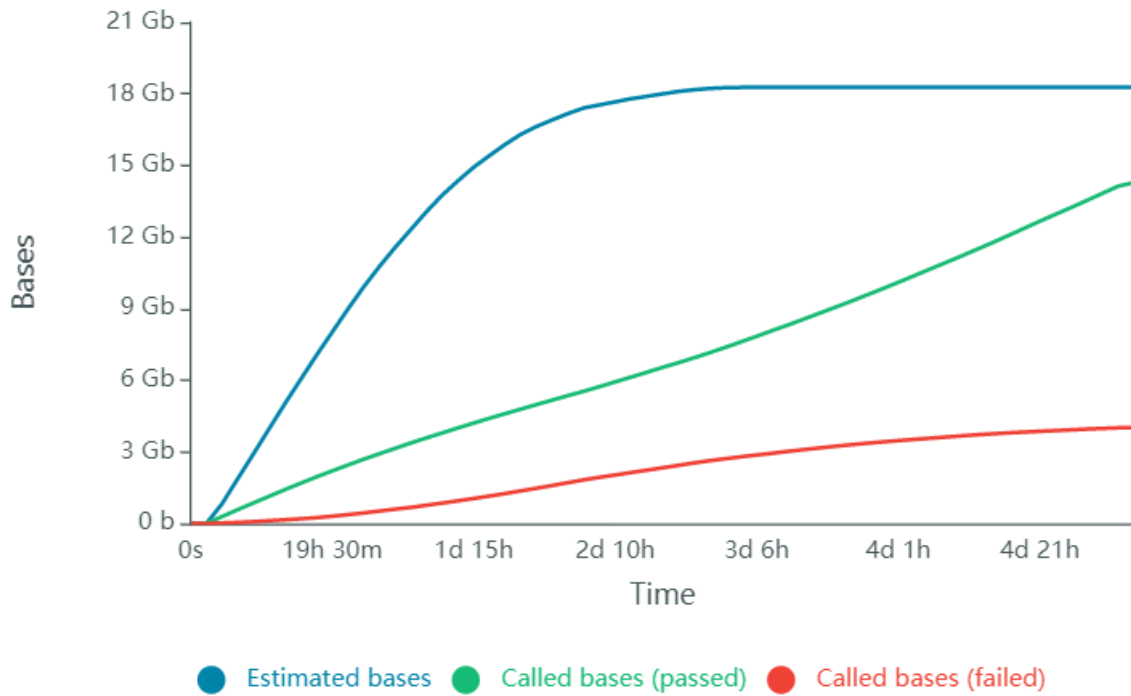
Versions

MinKNOW	21.06.0
MinKNOW Core	4.3.4
Bream	6.2.5
Guppy	5.0.11

Cumulative Output Reads

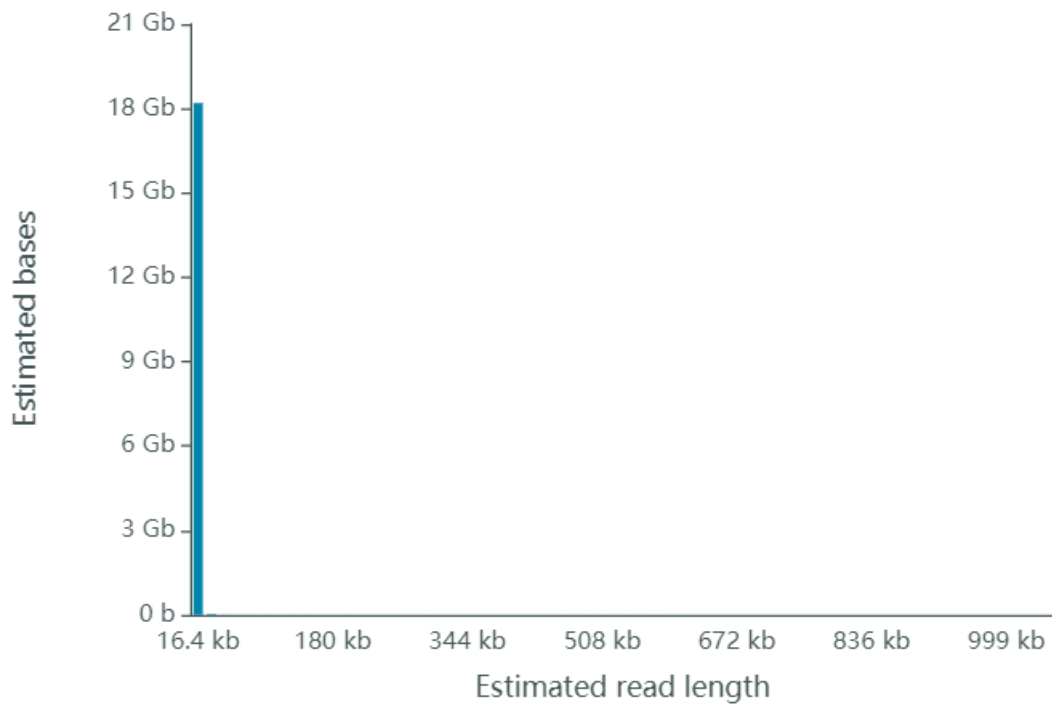


Cumulative Output Bases



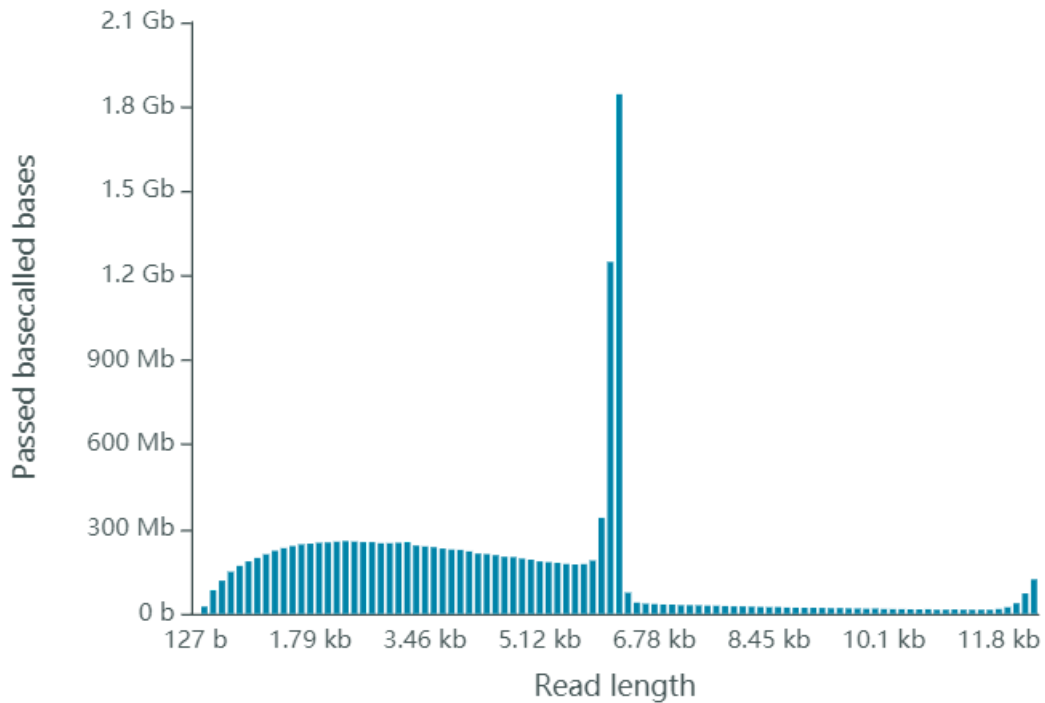
Read Length Histogram Estimated Bases - Outliers Discarded

Estimated N50: 4.19 kb



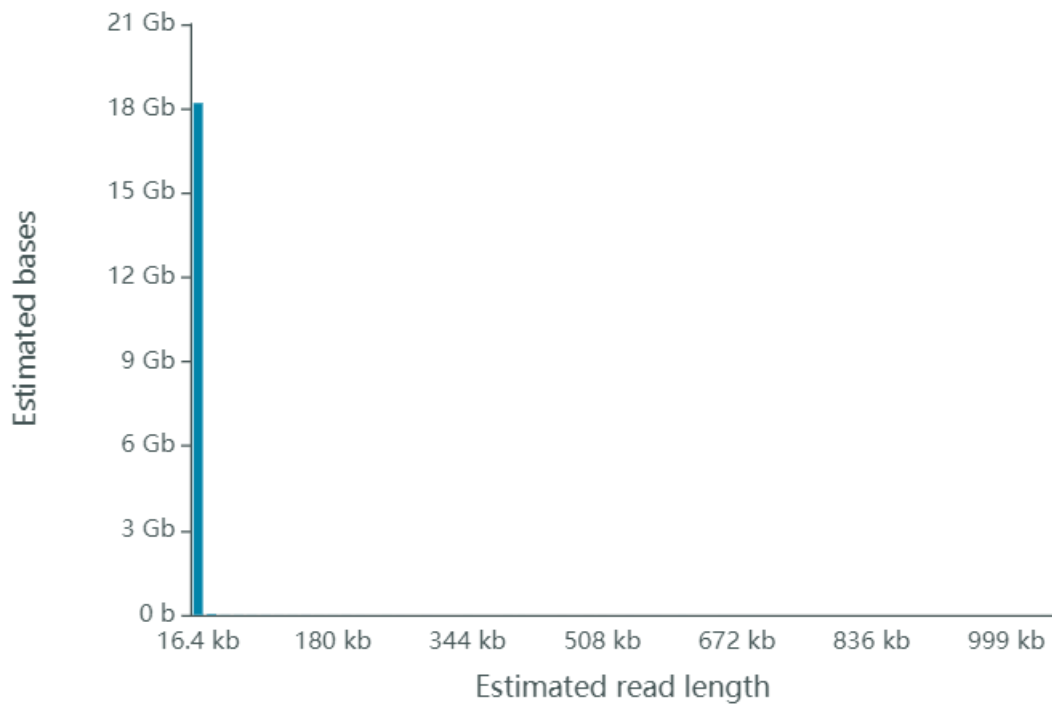
Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 4.29 kb



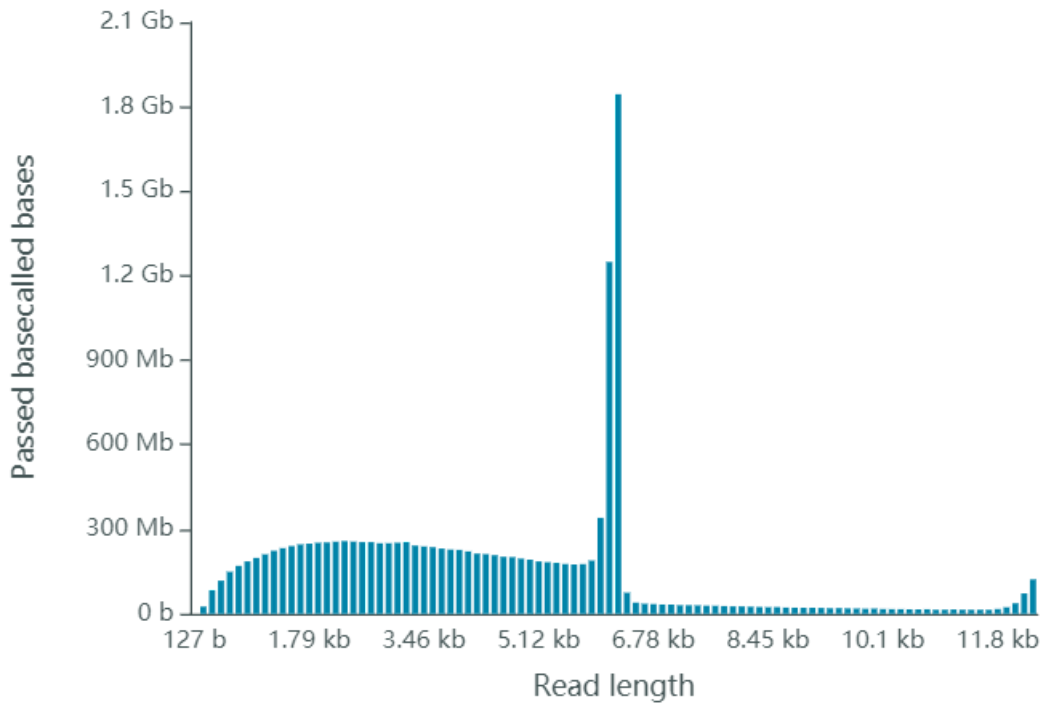
Read Length Histogram Estimated Bases

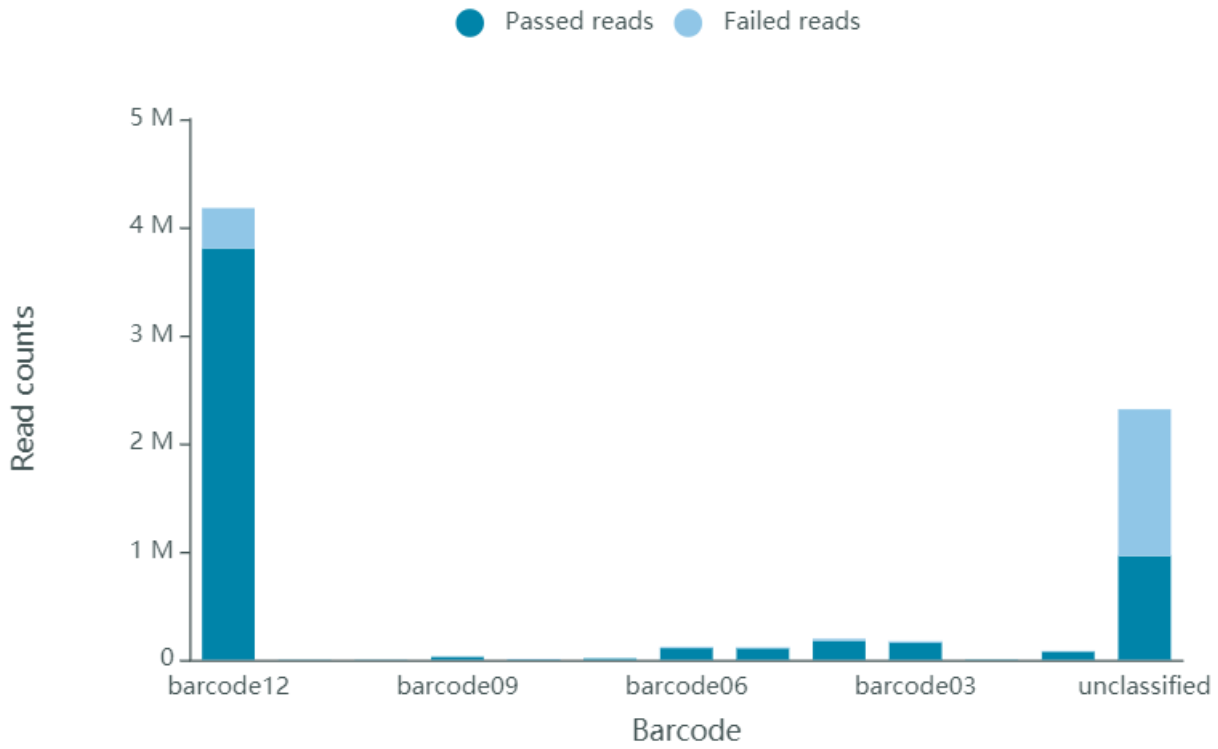
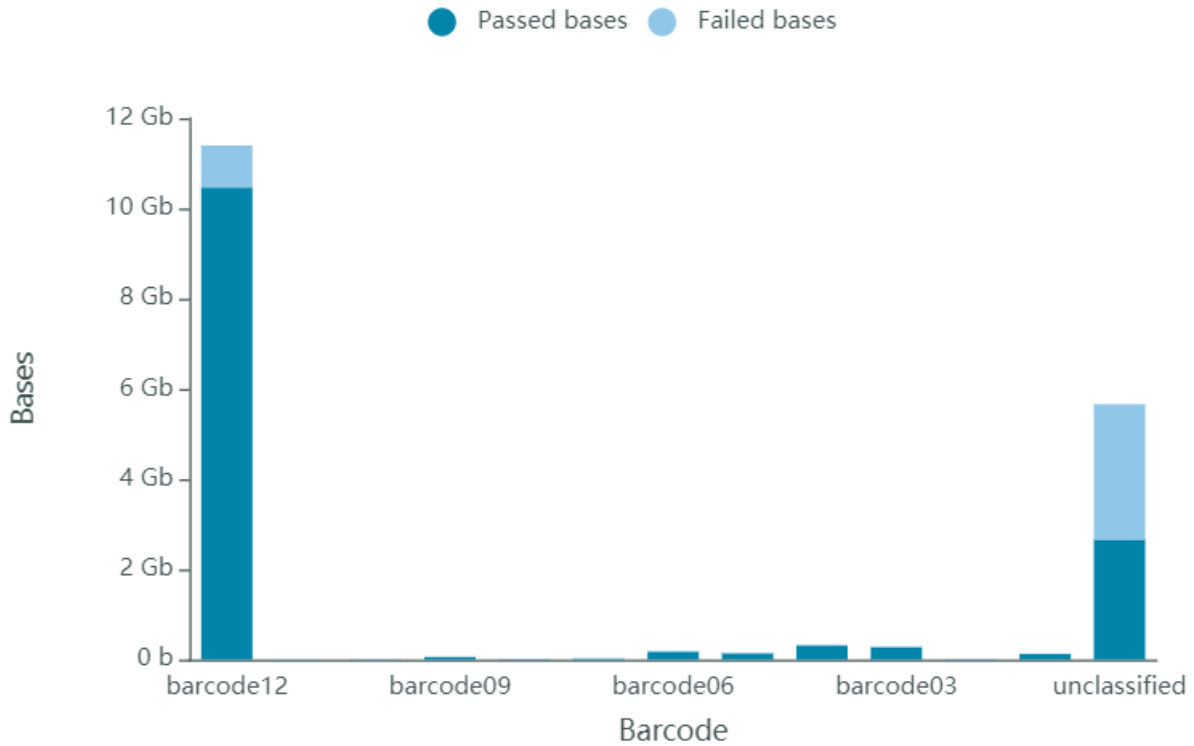
Estimated N50: 4.19 kb



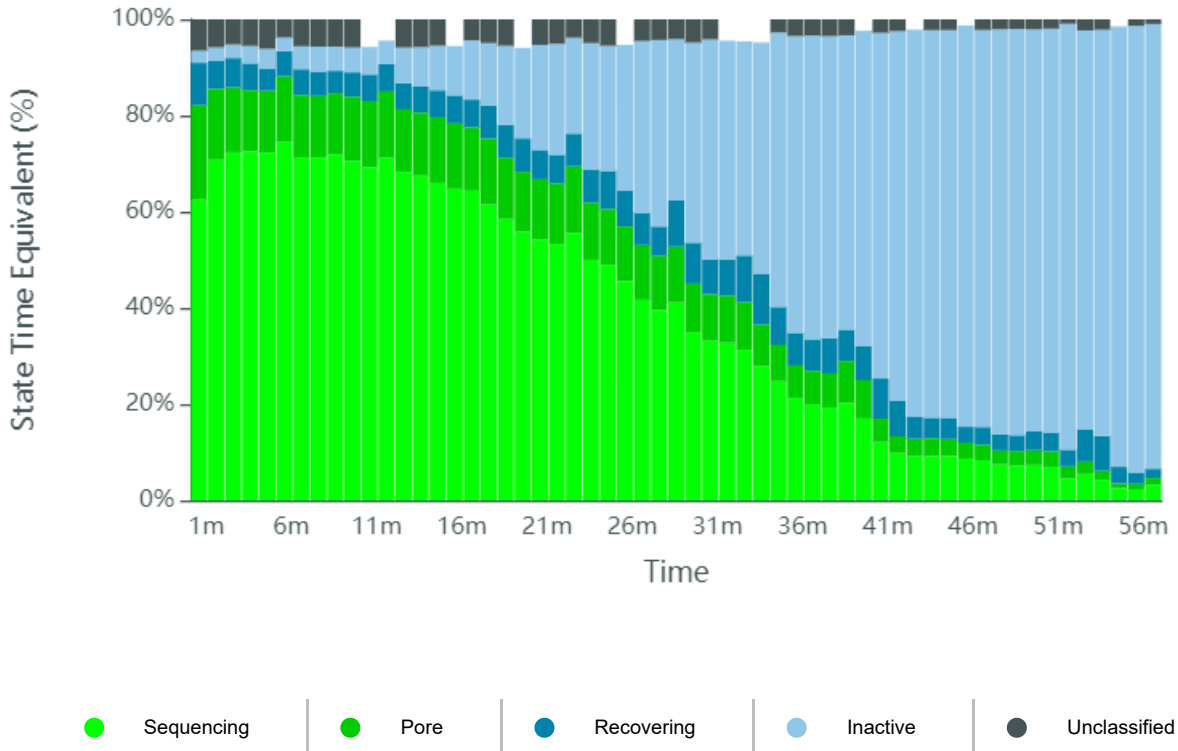
Read Length Histogram Basecalled Bases

Estimated N50: 4.29 kb

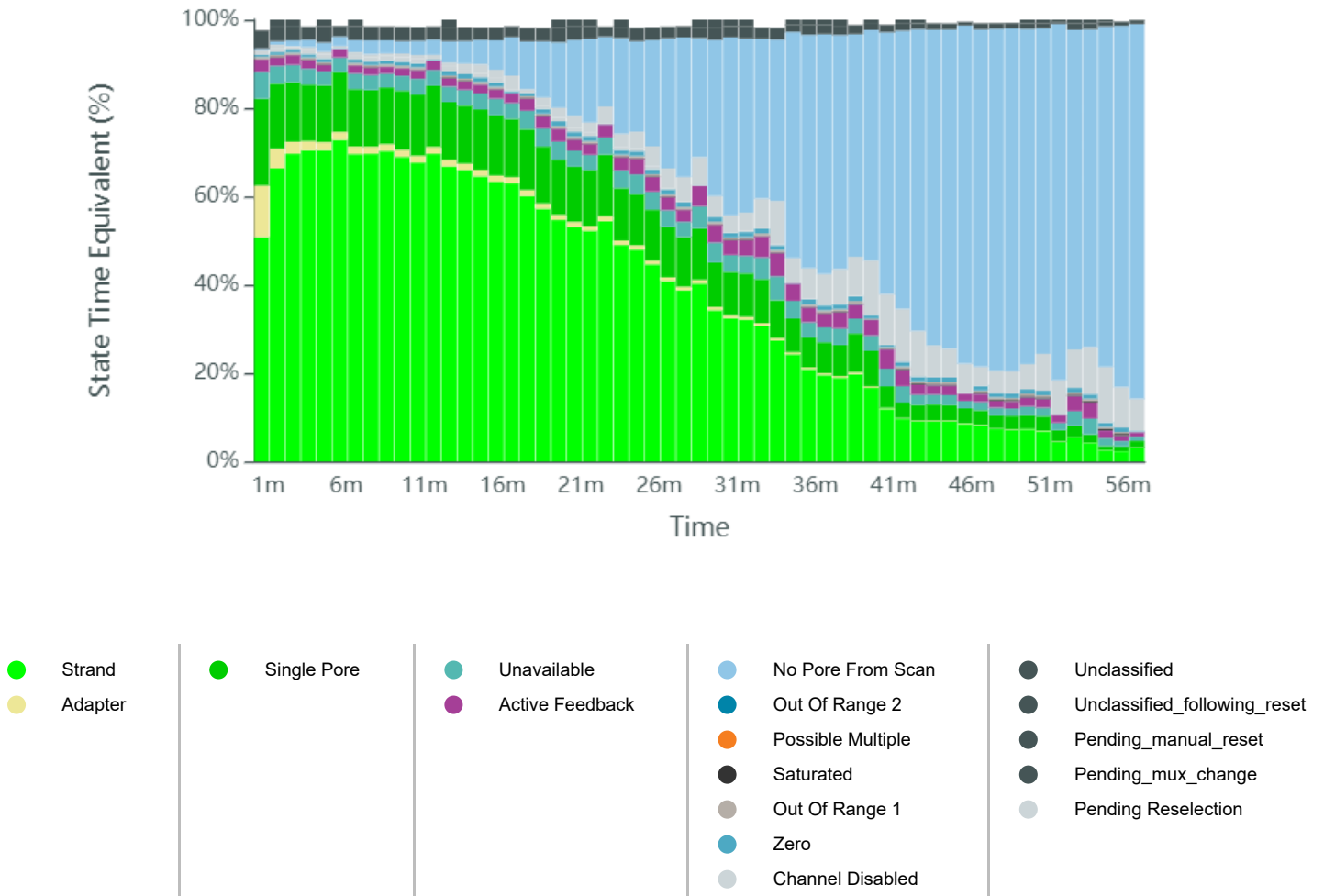


Barcode Read Counts (reads)**Barcode Read Counts (bases)**

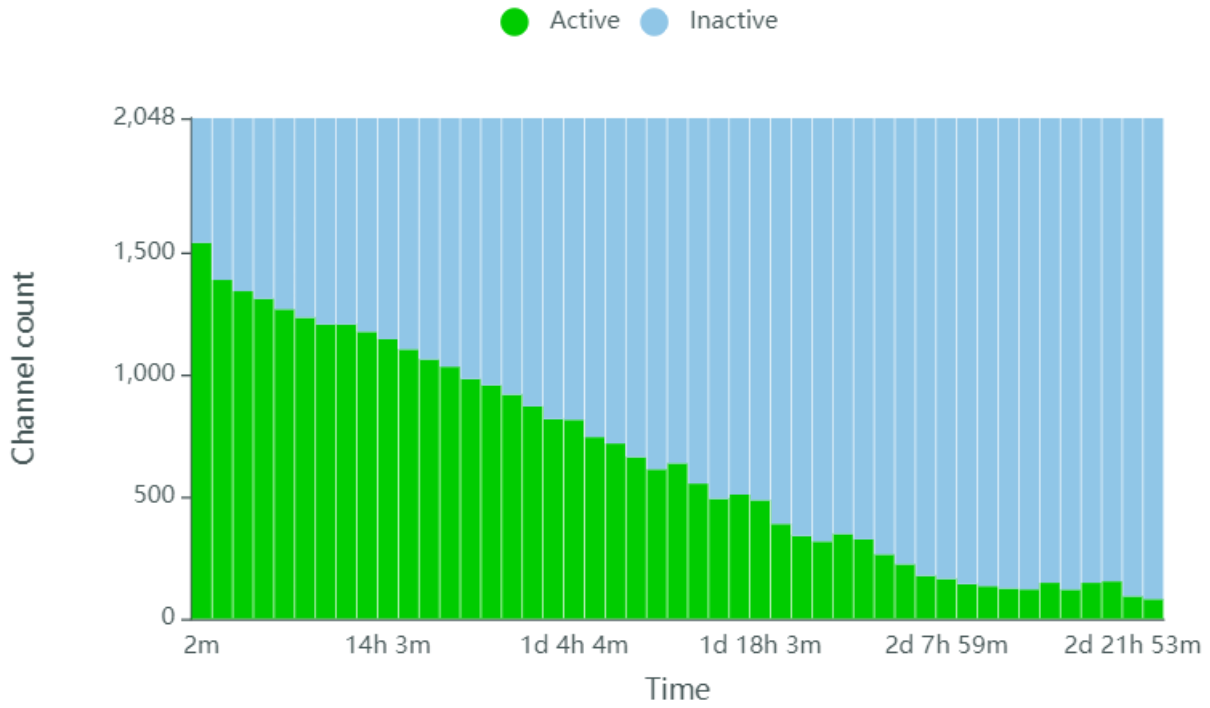
Duty Time Grouped



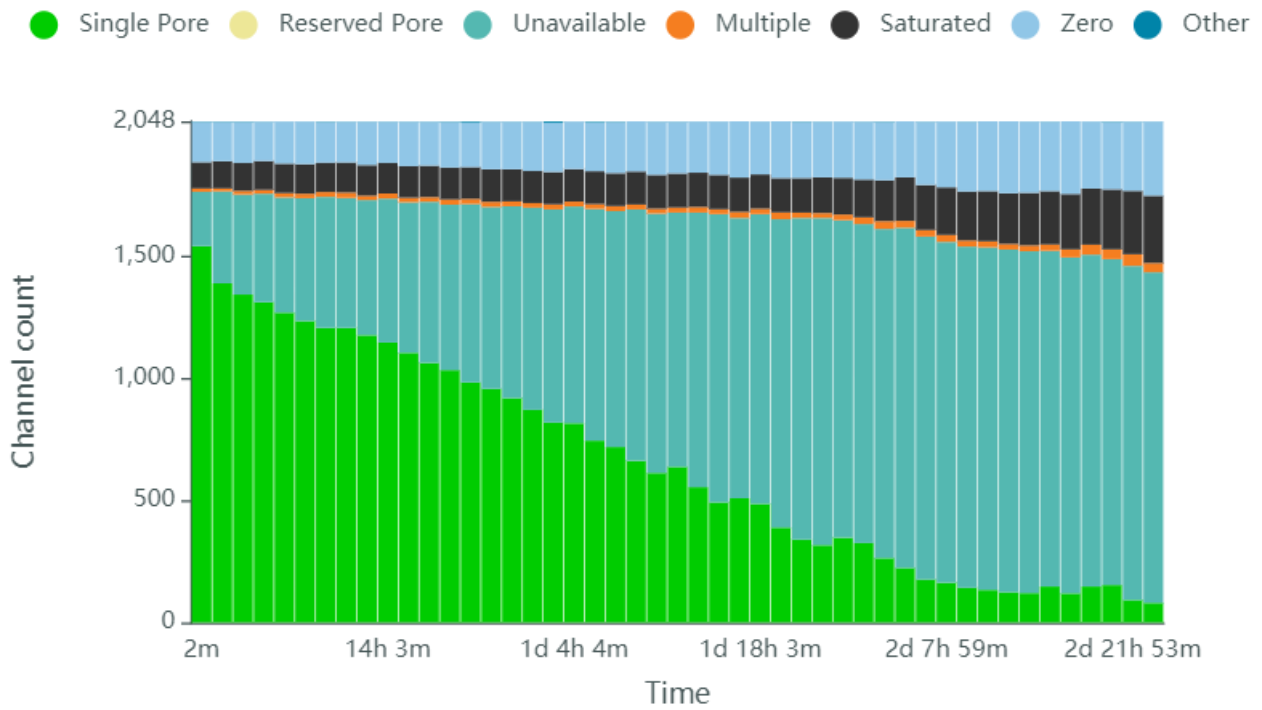
Duty time Categorized



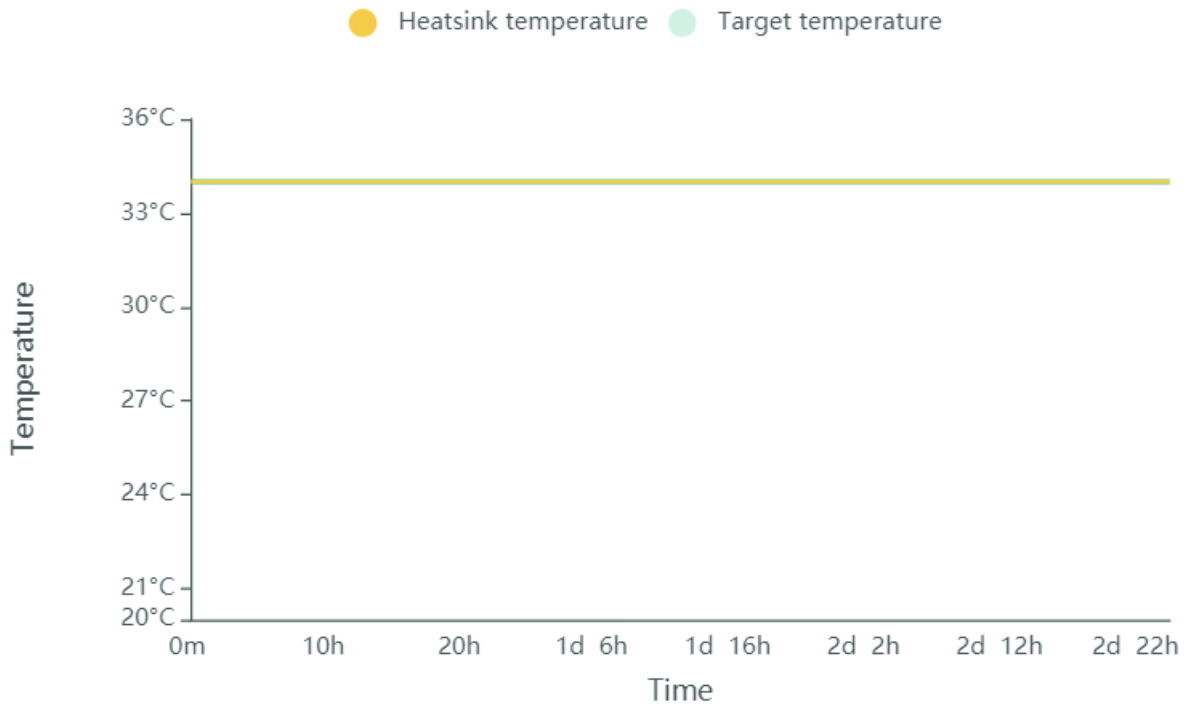
Mux Scan Grouped



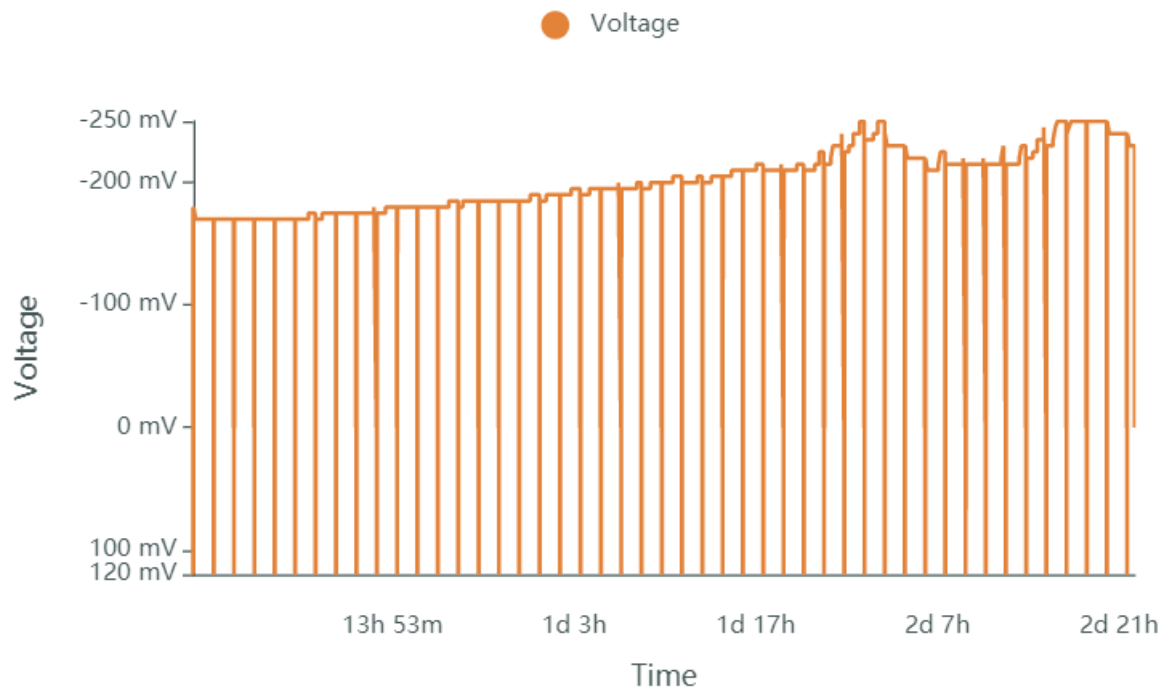
Mux Scan Categorised



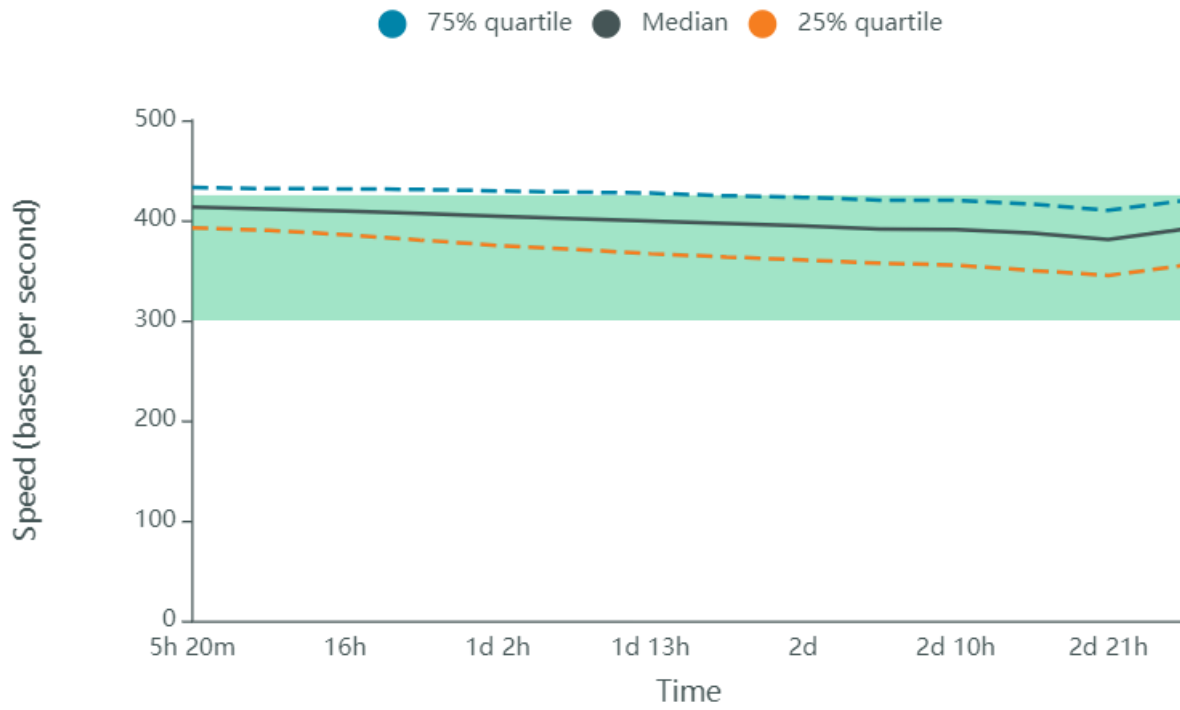
Temperature History



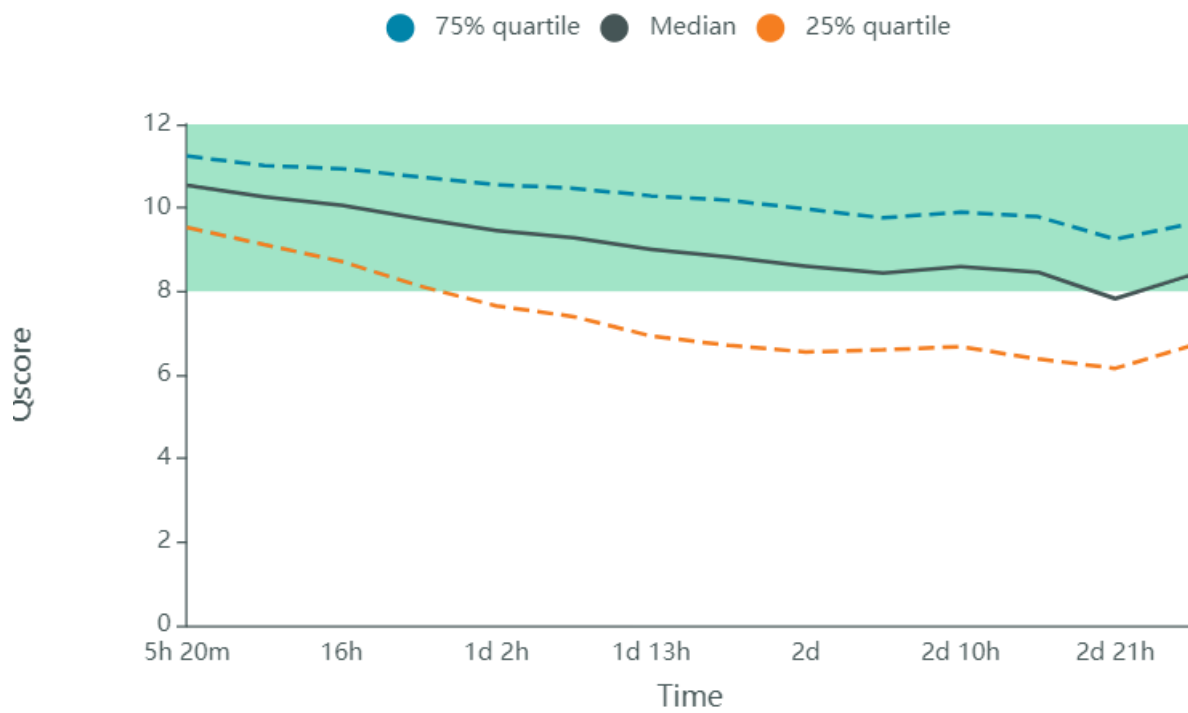
Bias Voltage History



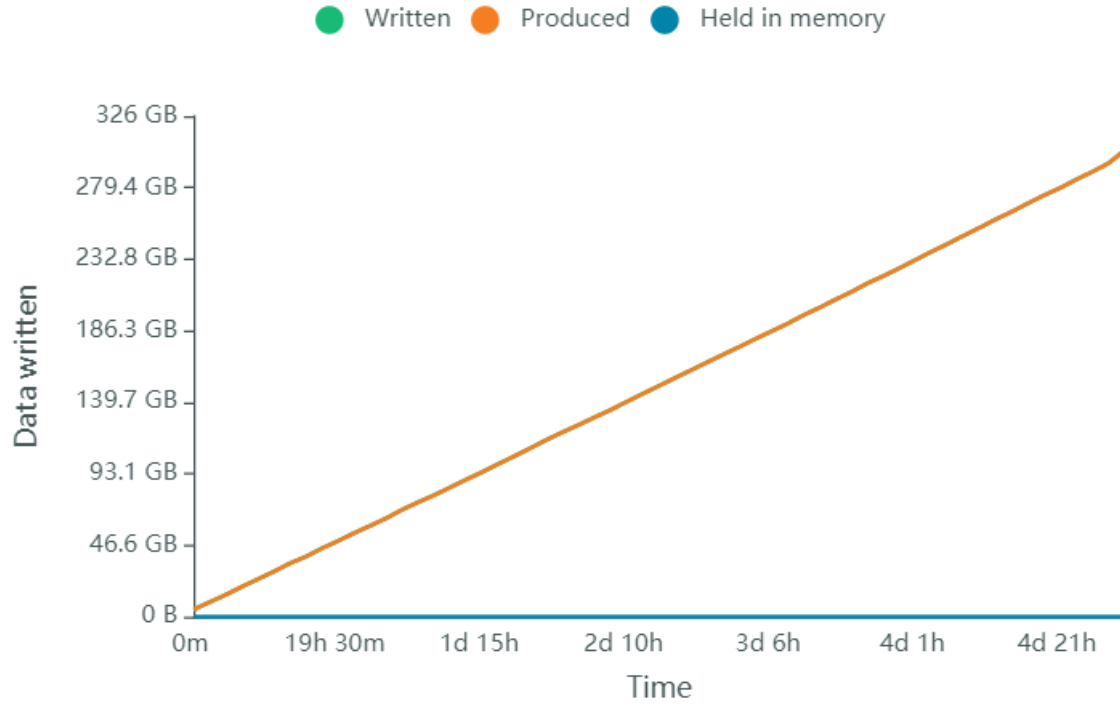
Translocation Speed



QScore



Disk Write Performance



Run Debug Messages

- The sequencing run has finished, but basecalling may continue October 20, 15:42
- Mux scan for flow cell FAV36531 has found a total of 80 pores. 75 pores available for immediate sequencing October 20, 15:08
- Performing Mux Scan October 20, 15:05
- Mux scan for flow cell FAV36531 has found a total of 92 pores. 82 pores available for immediate sequencing October 20, 13:35
- Performing Mux Scan October 20, 13:33
- Mux scan for flow cell FAV36531 has found a total of 153 pores. 132 pores available for immediate sequencing October 20, 12:03
- Performing Mux Scan October 20, 12:00
- Mux scan for flow cell FAV36531 has found a total of 147 pores. 130 pores available for immediate sequencing October 20, 10:30
- Performing Mux Scan October 20, 10:28
- Mux scan for flow cell FAV36531 has found a total of 119 pores. 99 pores available for immediate sequencing October 20, 08:57
- Performing Mux Scan October 20, 08:55
- Mux scan for flow cell FAV36531 has found a total of 147 pores. 126 pores available for immediate sequencing October 20, 07:25
- Performing Mux Scan October 20, 07:22
- Mux scan for flow cell FAV36531 has found a total of 120 pores. 102 pores available for immediate sequencing October 20, 05:52
- Performing Mux Scan October 20, 05:50
- Mux scan for flow cell FAV36531 has found a total of 124 pores. 101 pores available for immediate sequencing October 20, 04:20
- Performing Mux Scan October 20, 04:17
- Mux scan for flow cell FAV36531 has found a total of 133 pores. 108 pores available for immediate sequencing October 20, 02:47
- Performing Mux Scan October 20, 02:44
- Mux scan for flow cell FAV36531 has found a total of 142 pores. 120 pores available for immediate sequencing October 20, 01:14
- Performing Mux Scan October 20, 01:12
- Mux scan for flow cell FAV36531 has found a total of 163 pores. 132 pores available for immediate sequencing October 19, 23:41
- Performing Mux Scan October 19, 23:39
- Mux scan for flow cell FAV36531 has found a total of 176 pores. 135 pores available for immediate sequencing October 19, 22:09
- Performing Mux Scan October 19, 22:06
- Mux scan for flow cell FAV36531 has found a total of 223 pores. 173 pores available for immediate sequencing October 19, 20:36
- Performing Mux Scan October 19, 20:34
- Mux scan for flow cell FAV36531 has found a total of 263 pores. 202 pores available for immediate sequencing October 19, 19:03
- Performing Mux Scan October 19, 19:01
- Mux scan for flow cell FAV36531 has found a total of 325 pores. 242 pores available for immediate sequencing October 19, 17:30
- Performing Mux Scan October 19, 17:28
- Mux scan for flow cell FAV36531 has found a total of 347 pores. 246 pores available for immediate sequencing October 19, 15:58
- Performing Mux Scan October 19, 15:55
- Mux scan for flow cell FAV36531 has found a total of 316 pores. 222 pores available for

- immediate sequencing October 19, 14:25
- Performing Mux Scan October 19, 14:22
- Mux scan for flow cell FAV36531 has found a total of 339 pores. 229 pores available for immediate sequencing October 19, 12:52
- Performing Mux Scan October 19, 12:49
- Mux scan for flow cell FAV36531 has found a total of 388 pores. 250 pores available for immediate sequencing October 19, 11:19
- Performing Mux Scan October 19, 11:16
- Mux scan for flow cell FAV36531 has found a total of 485 pores. 319 pores available for immediate sequencing October 19, 09:46
- Performing Mux Scan October 19, 09:43
- Mux scan for flow cell FAV36531 has found a total of 508 pores. 321 pores available for immediate sequencing October 19, 08:12
- Performing Mux Scan October 19, 08:10
- Mux scan for flow cell FAV36531 has found a total of 491 pores. 289 pores available for immediate sequencing October 19, 06:39
- Performing Mux Scan October 19, 06:37
- Mux scan for flow cell FAV36531 has found a total of 553 pores. 318 pores available for immediate sequencing October 19, 05:06
- Performing Mux Scan October 19, 05:04
- Mux scan for flow cell FAV36531 has found a total of 636 pores. 374 pores available for immediate sequencing October 19, 03:33
- Performing Mux Scan October 19, 03:31
- Mux scan for flow cell FAV36531 has found a total of 611 pores. 343 pores available for immediate sequencing October 19, 02:00
- Performing Mux Scan October 19, 01:58
- Mux scan for flow cell FAV36531 has found a total of 661 pores. 361 pores available for immediate sequencing October 19, 00:27
- Performing Mux Scan October 19, 00:25
- Mux scan for flow cell FAV36531 has found a total of 717 pores. 407 pores available for immediate sequencing October 18, 22:53
- Performing Mux Scan October 18, 22:51
- Mux scan for flow cell FAV36531 has found a total of 743 pores. 395 pores available for immediate sequencing October 18, 21:20
- Performing Mux Scan October 18, 21:18
- Mux scan for flow cell FAV36531 has found a total of 814 pores. 431 pores available for immediate sequencing October 18, 19:47
- Performing Mux Scan October 18, 19:44
- Mux scan for flow cell FAV36531 has found a total of 817 pores. 409 pores available for immediate sequencing October 18, 18:13
- Performing Mux Scan October 18, 18:11
- Mux scan for flow cell FAV36531 has found a total of 869 pores. 427 pores available for immediate sequencing October 18, 16:40
- Performing Mux Scan October 18, 16:37
- Mux scan for flow cell FAV36531 has found a total of 917 pores. 442 pores available for immediate sequencing October 18, 15:06
- Performing Mux Scan October 18, 15:04
- Mux scan for flow cell FAV36531 has found a total of 955 pores. 455 pores available for immediate sequencing October 18, 13:33
- Performing Mux Scan October 18, 13:30
- Mux scan for flow cell FAV36531 has found a total of 981 pores. 467 pores available for immediate sequencing October 18, 12:00

- Performing Mux Scan October 18, 11:57
- Mux scan for flow cell FAV36531 has found a total of 1031 pores. 479 pores available for immediate sequencing October 18, 10:26
- Performing Mux Scan October 18, 10:24
- Mux scan for flow cell FAV36531 has found a total of 1061 pores. 485 pores available for immediate sequencing October 18, 08:53
- Performing Mux Scan October 18, 08:50
- Mux scan for flow cell FAV36531 has found a total of 1102 pores. 485 pores available for immediate sequencing October 18, 07:19
- Performing Mux Scan October 18, 07:17
- Mux scan for flow cell FAV36531 has found a total of 1144 pores. 494 pores available for immediate sequencing October 18, 05:46
- Performing Mux Scan October 18, 05:43
- Mux scan for flow cell FAV36531 has found a total of 1174 pores. 495 pores available for immediate sequencing October 18, 04:12
- Performing Mux Scan October 18, 04:09
- Mux scan for flow cell FAV36531 has found a total of 1204 pores. 498 pores available for immediate sequencing October 18, 02:38
- Performing Mux Scan October 18, 02:36
- Mux scan for flow cell FAV36531 has found a total of 1204 pores. 495 pores available for immediate sequencing October 18, 01:05
- Performing Mux Scan October 18, 01:02
- Mux scan for flow cell FAV36531 has found a total of 1232 pores. 497 pores available for immediate sequencing October 17, 23:31
- Performing Mux Scan October 17, 23:29
- Mux scan for flow cell FAV36531 has found a total of 1266 pores. 501 pores available for immediate sequencing October 17, 21:58
- Performing Mux Scan October 17, 21:55
- Mux scan for flow cell FAV36531 has found a total of 1309 pores. 501 pores available for immediate sequencing October 17, 20:24
- Performing Mux Scan October 17, 20:22
- Mux scan for flow cell FAV36531 has found a total of 1340 pores. 504 pores available for immediate sequencing October 17, 18:51
- Performing Mux Scan October 17, 18:48
- Mux scan for flow cell FAV36531 has found a total of 1386 pores. 507 pores available for immediate sequencing October 17, 17:18
- Performing Mux Scan October 17, 17:15
- Mux scan for flow cell FAV36531 has found a total of 1538 pores. 510 pores available for immediate sequencing October 17, 15:44
- Performing Mux Scan October 17, 15:42
- Starting sequencing procedure October 17, 15:42
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C October 17, 15:38