



## Run Info

Host Name	GXB01275 (localhost)
Position	X4
Experiment Name	kokia
Sample ID	Kk1
Run ID	18327be0-4d75-4672-bb10-c45eccda2b7e
Acquisition ID(s)	45e250dd0b56c986336e512c24ffb825e72d698e, f798cd3f78155aea0f292df5d1fc4c2a12fc179a
Flow Cell Id	FAT09348
Start Time	April 1, 15:07
Run Length	7d 8h 34m

## Run Summary

Reads Generated	1.82 M
Passed Bases	5.93 Gb
Failed Bases	1.47 Gb
Estimated Bases	8.36 Gb
Percentage Basecalled	103%

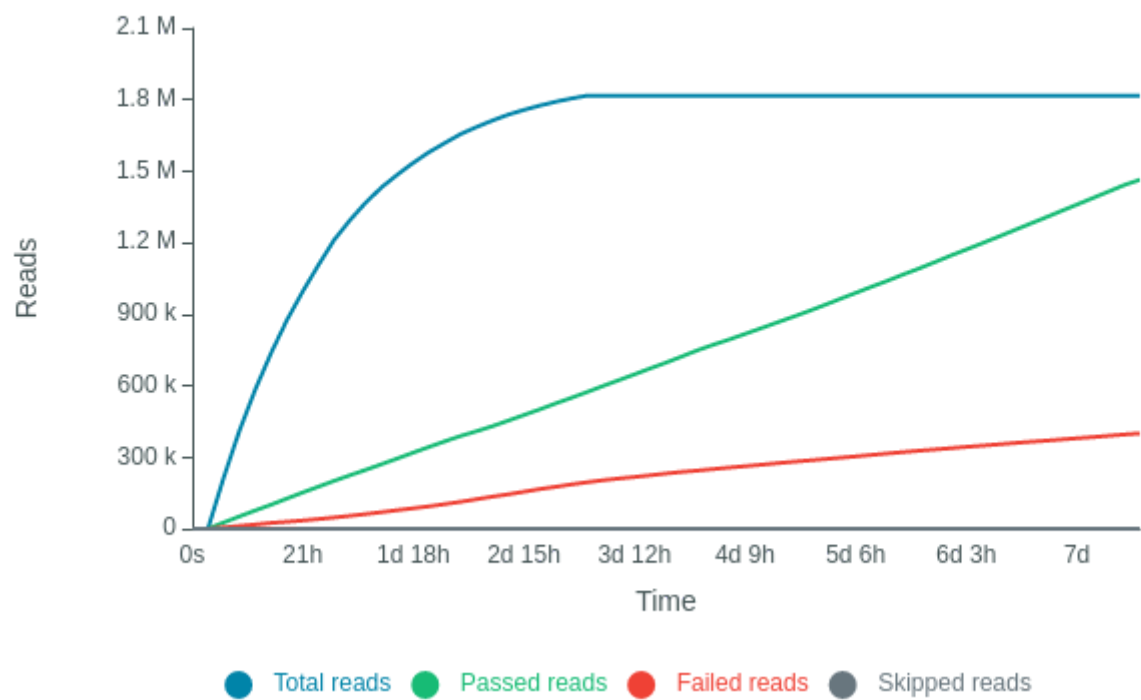
## Run Parameters

Flow Cell Type	FLO-MIN112
Kit	SQK-LSK112
Initial bias voltage	-200 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	dna_r10.4_e8.1_sup.cfg
Read filtering	min_qscore=10
Read splitting	enable=on

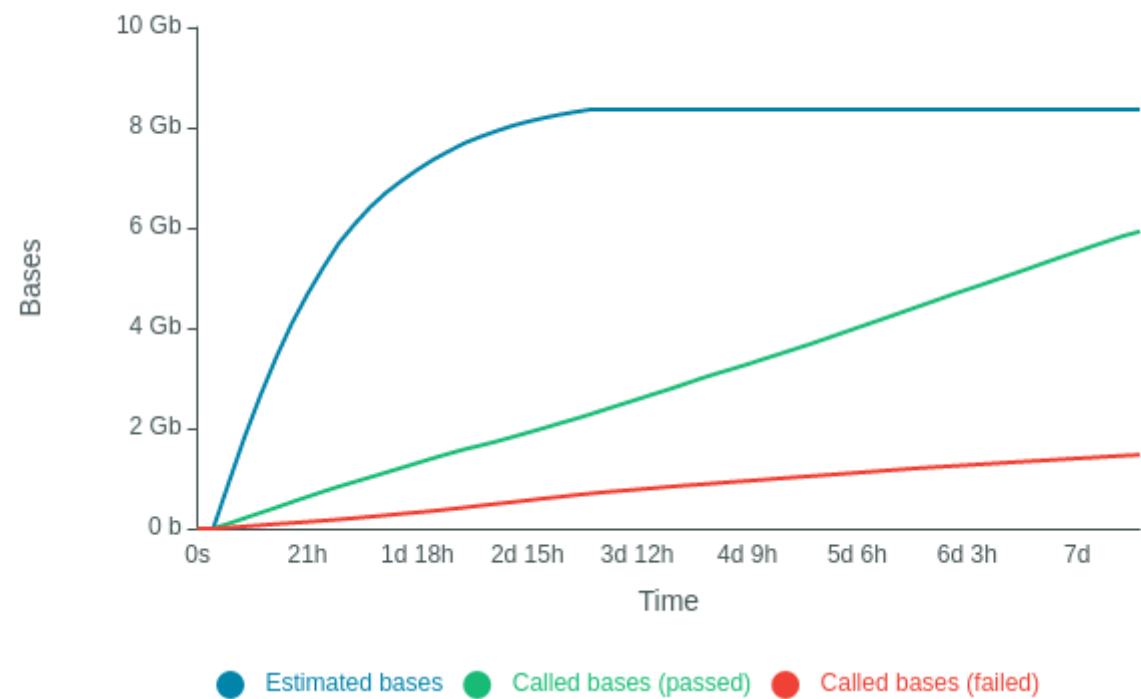
## Versions

MinKNOW	21.11.7
MinKNOW Core	4.5.4
Bream	6.3.5
Guppy	5.1.13

Cumulative Output Reads

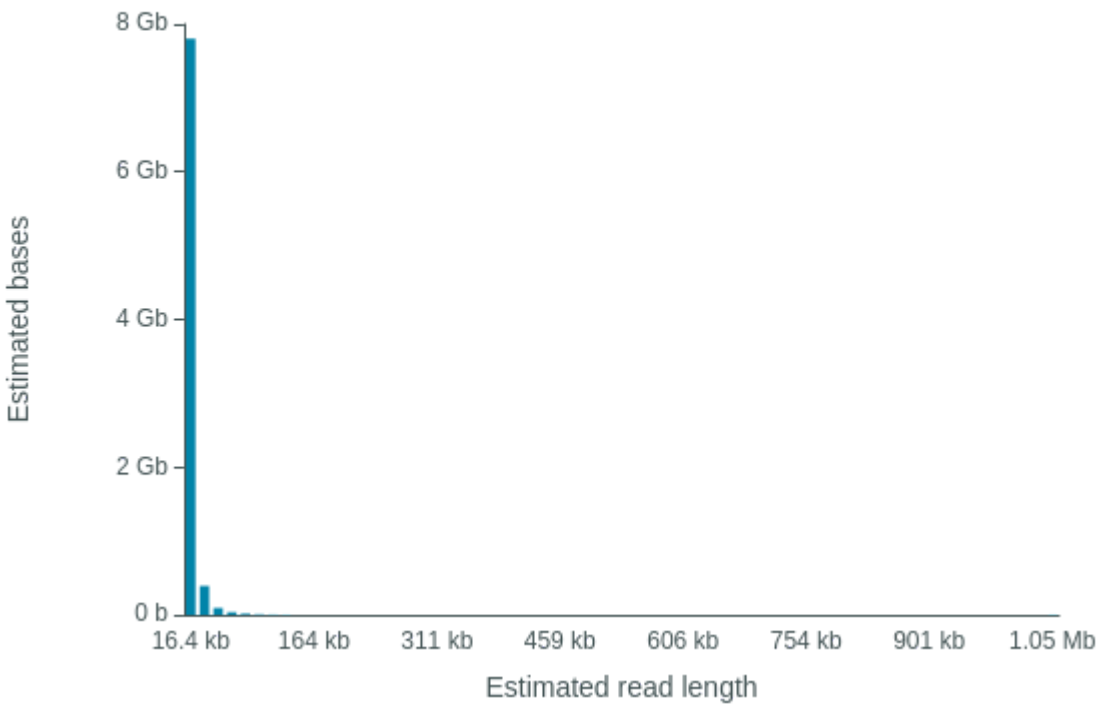


Cumulative Output Bases



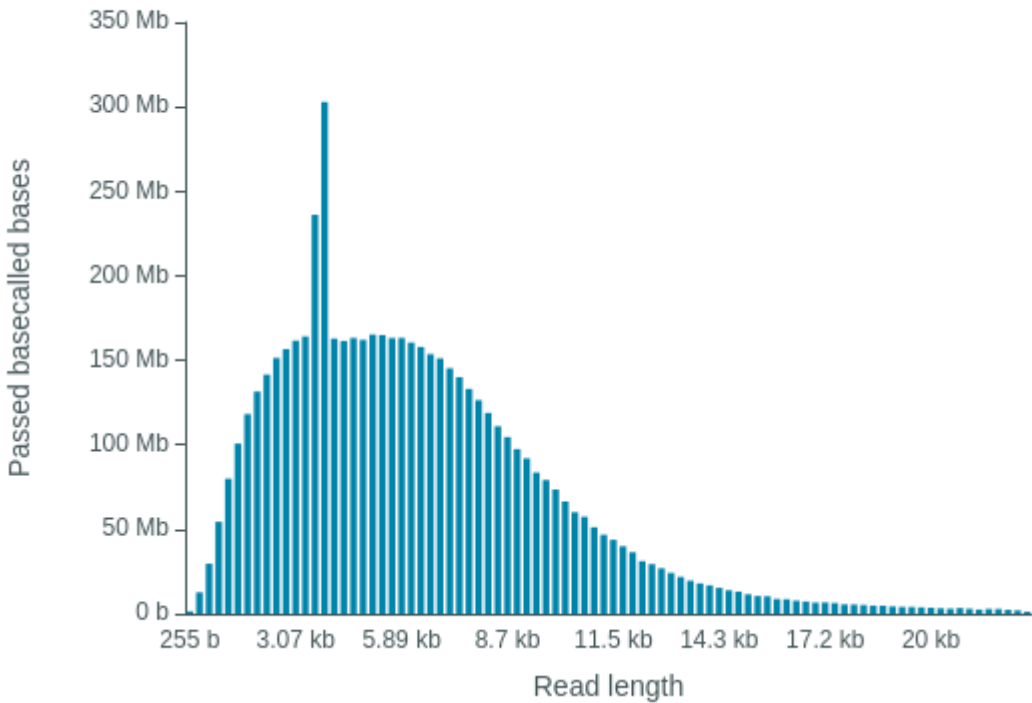
**Read Length Histogram Estimated Bases - Outliers Discarded**

Estimated N50: 6.38 kb



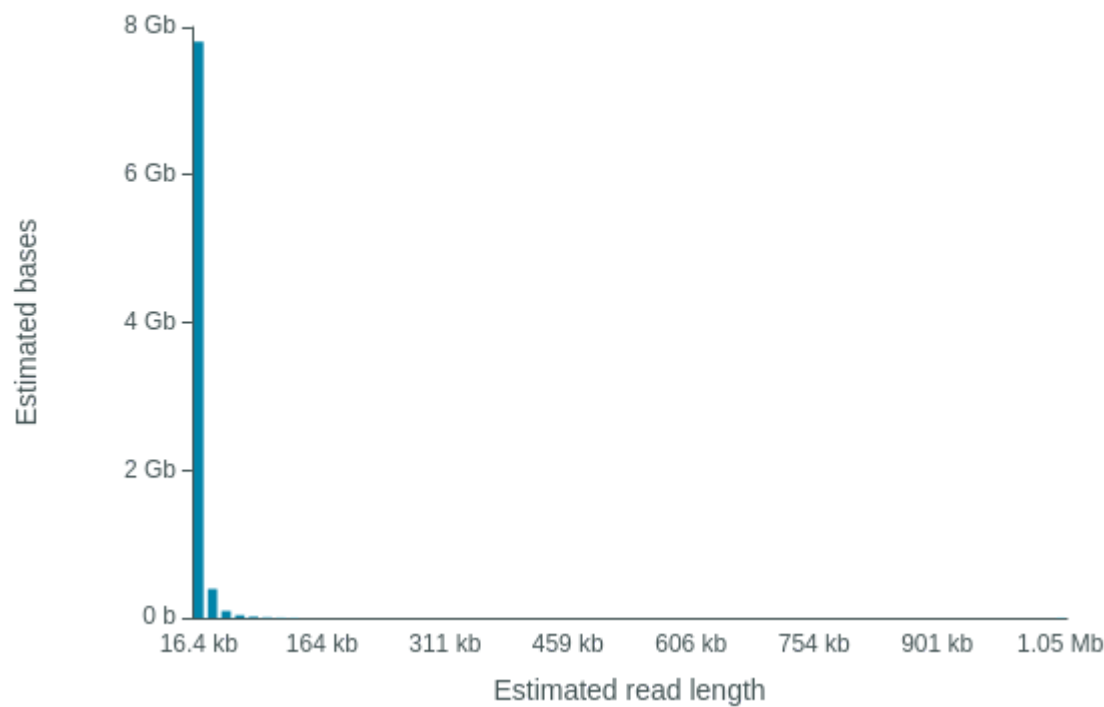
**Read Length Histogram Basecalled Bases - Outliers Discarded**

Estimated N50: 5.55 kb



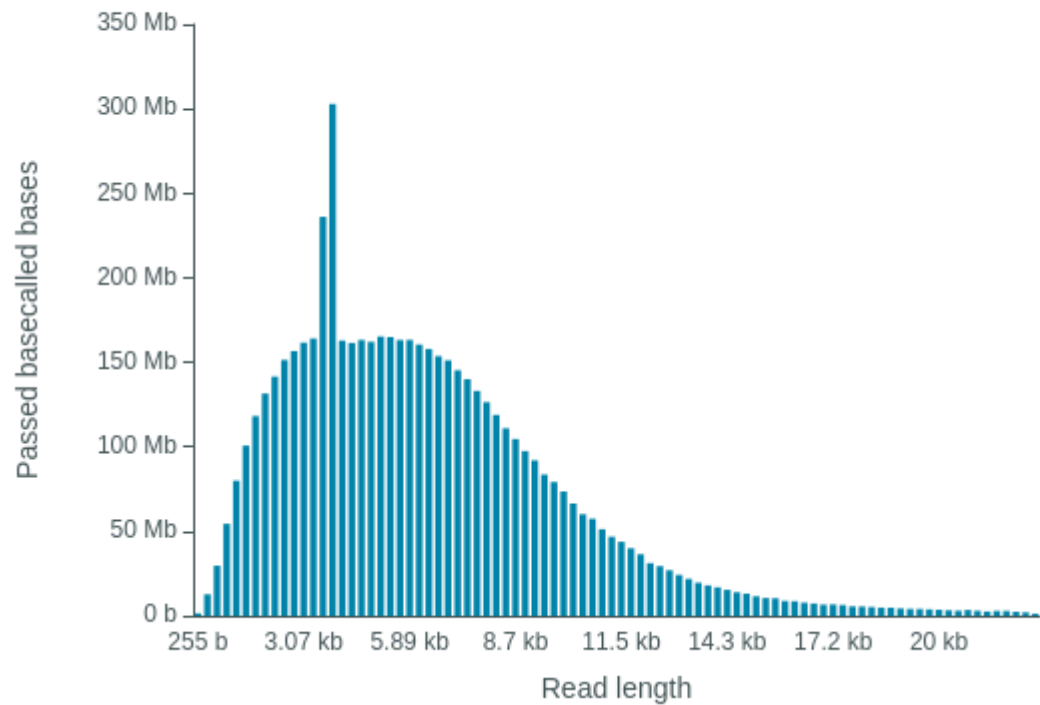
**Read Length Histogram Estimated Bases**

Estimated N50: 6.38 kb

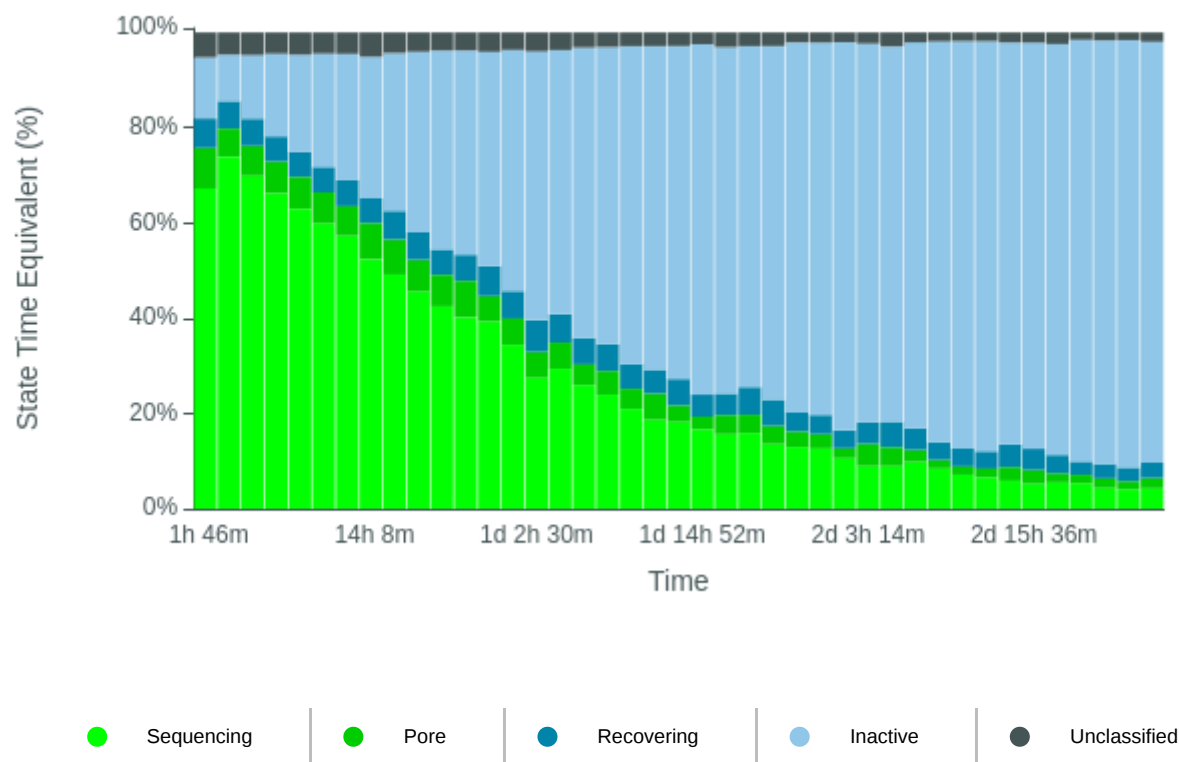


**Read Length Histogram Basecalled Bases**

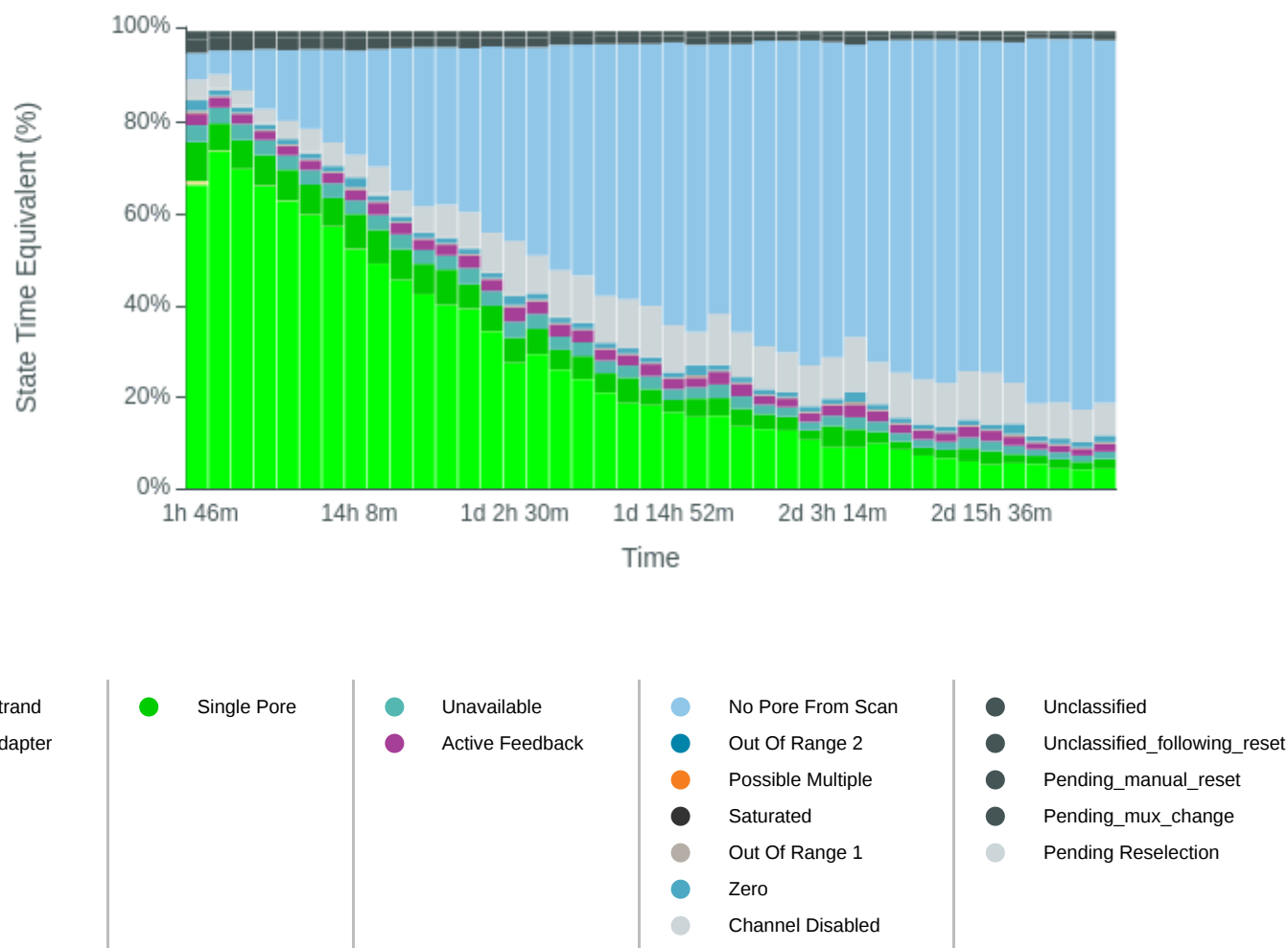
Estimated N50: 5.55 kb



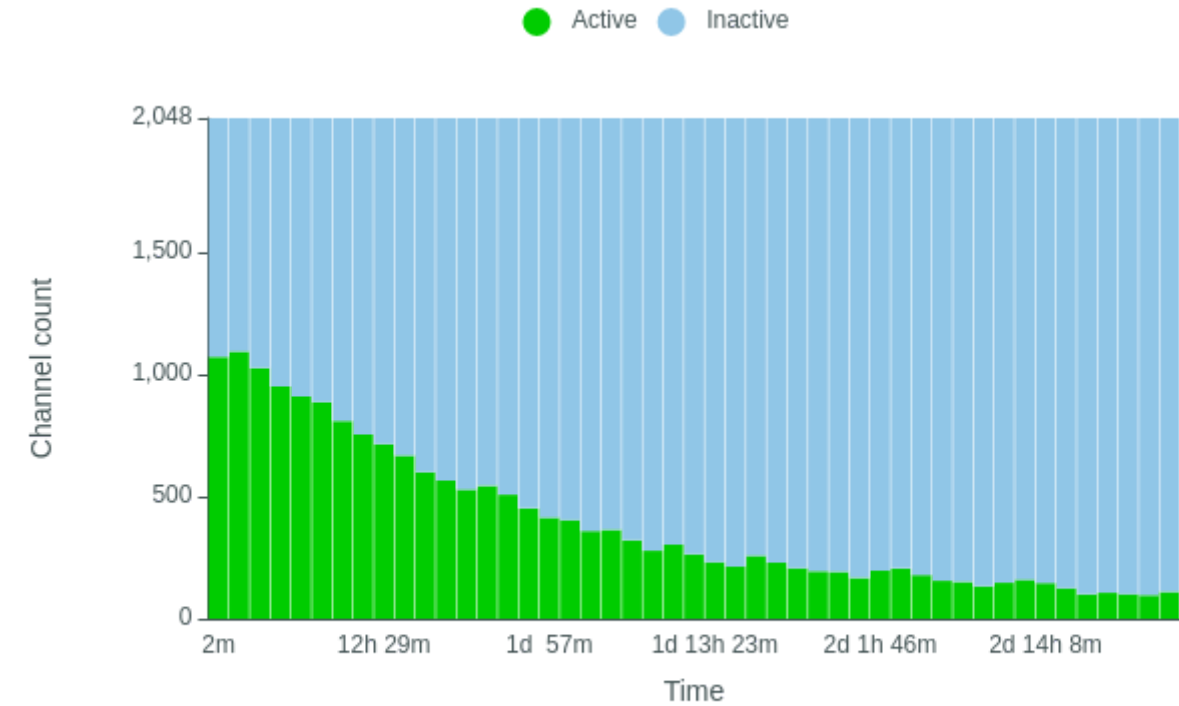
Duty Time Grouped



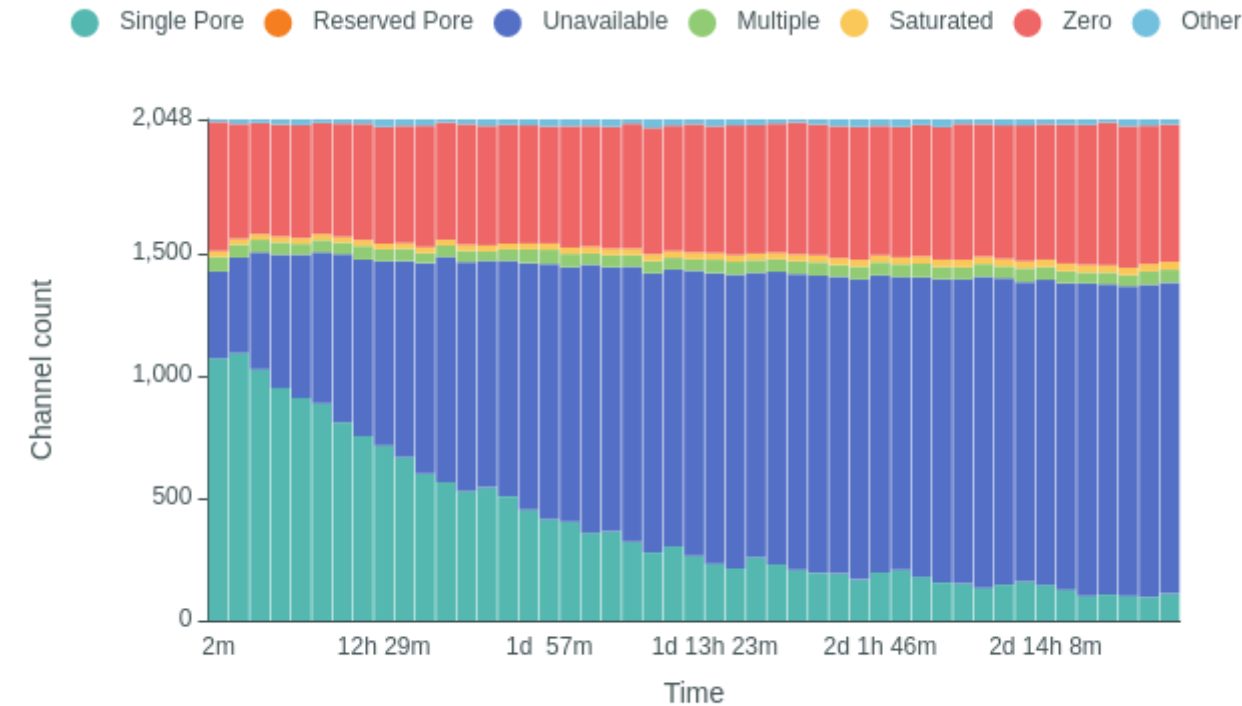
Duty time Categorised



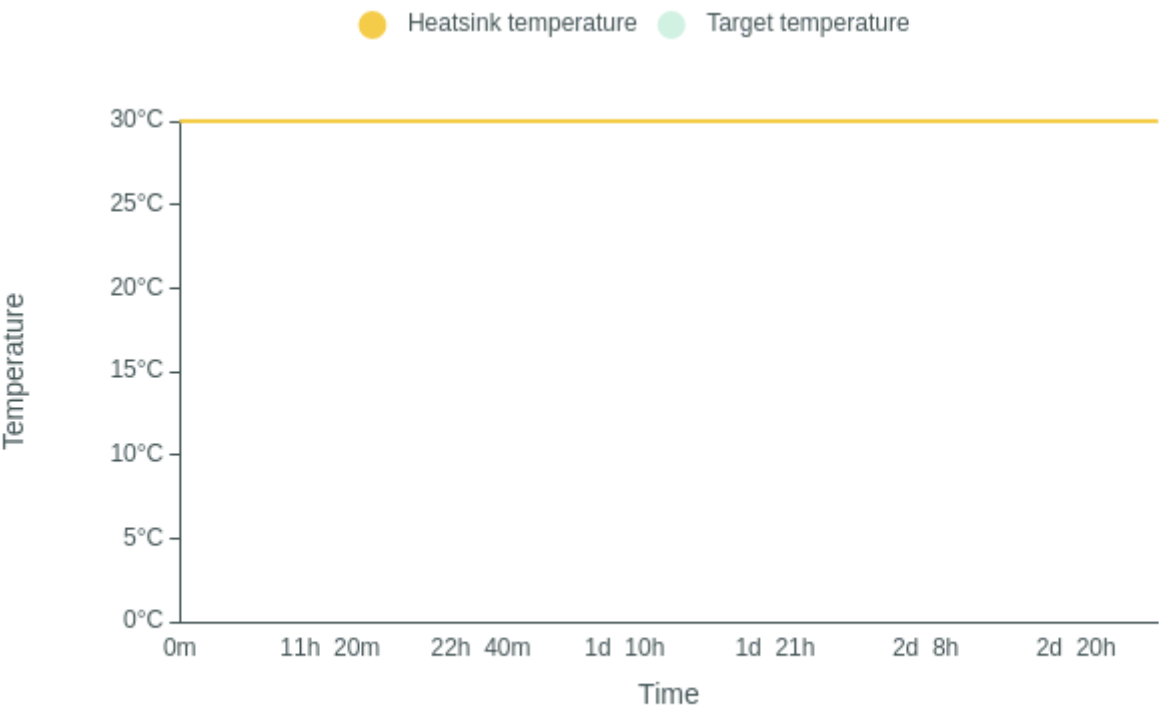
Mux Scan Grouped



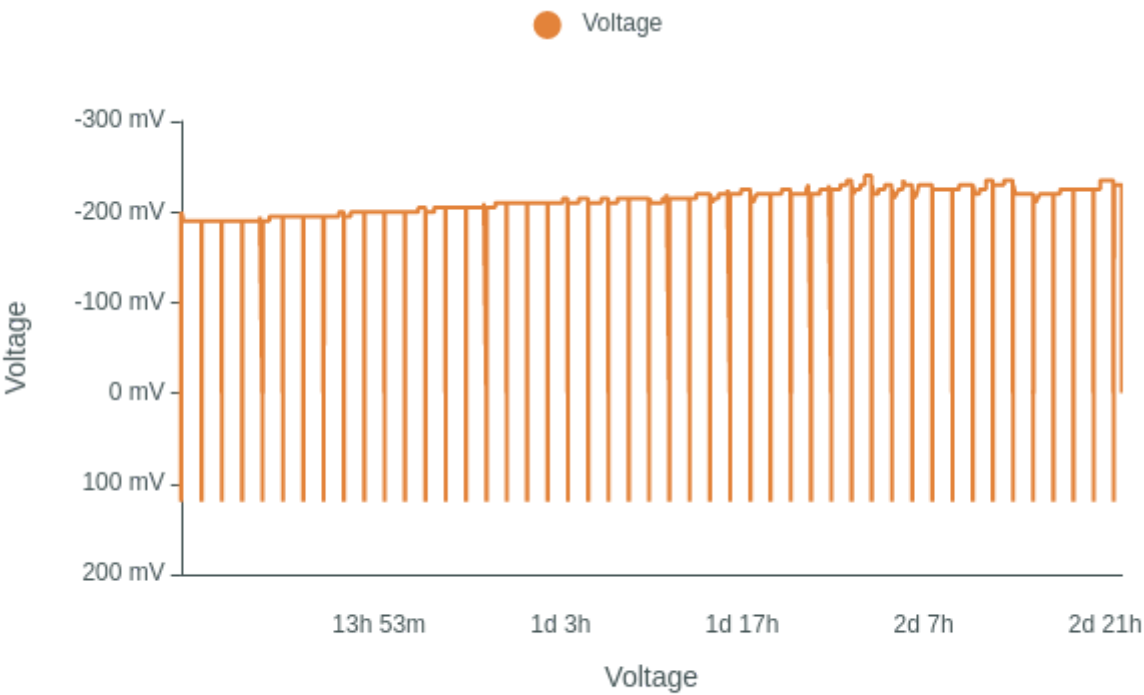
Mux Scan Categorised



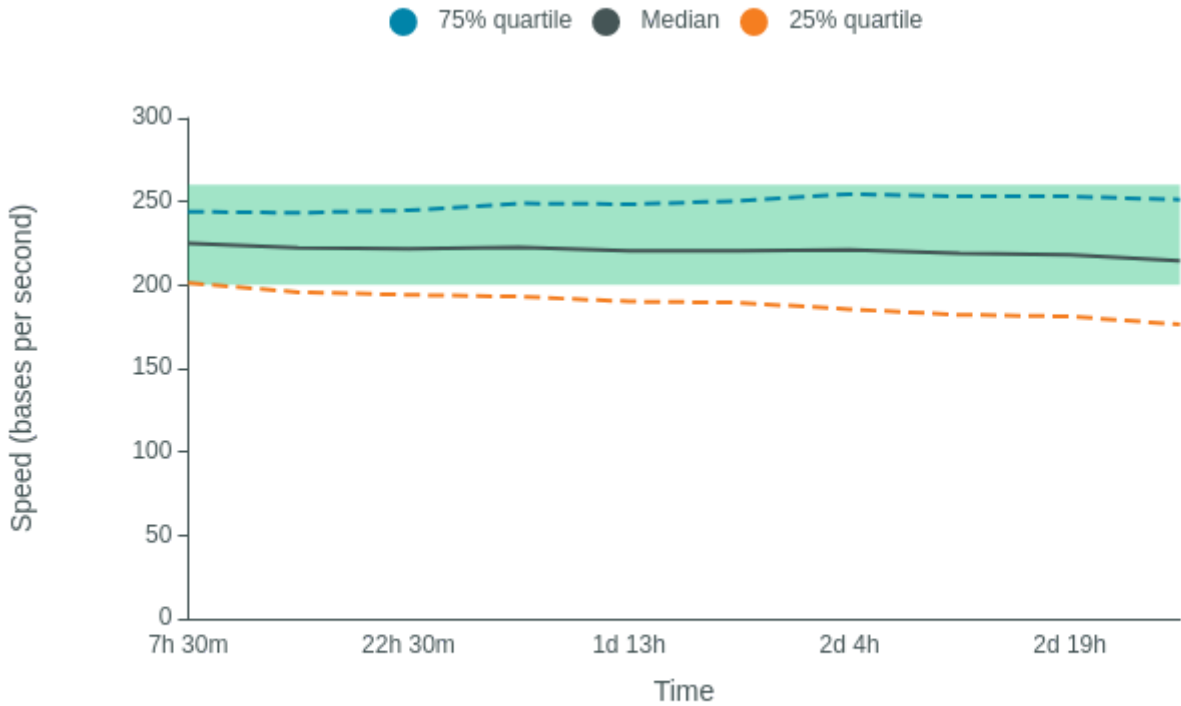
Temperature History



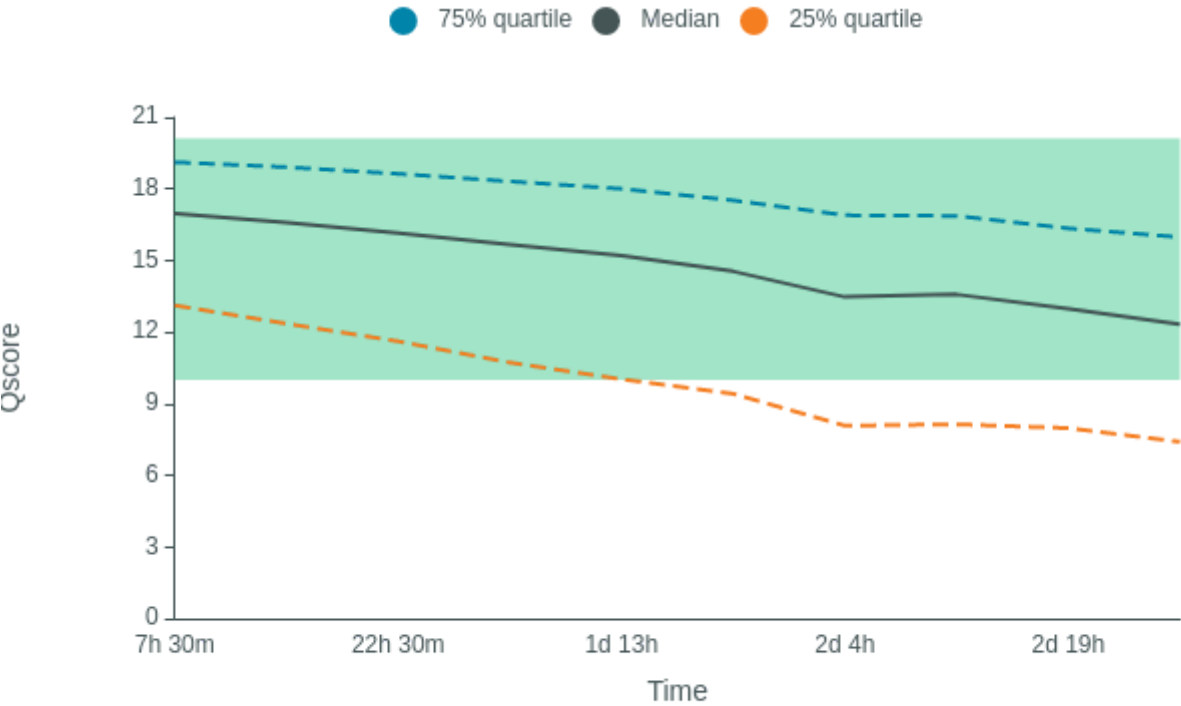
Bias Voltage History



Translocation Speed

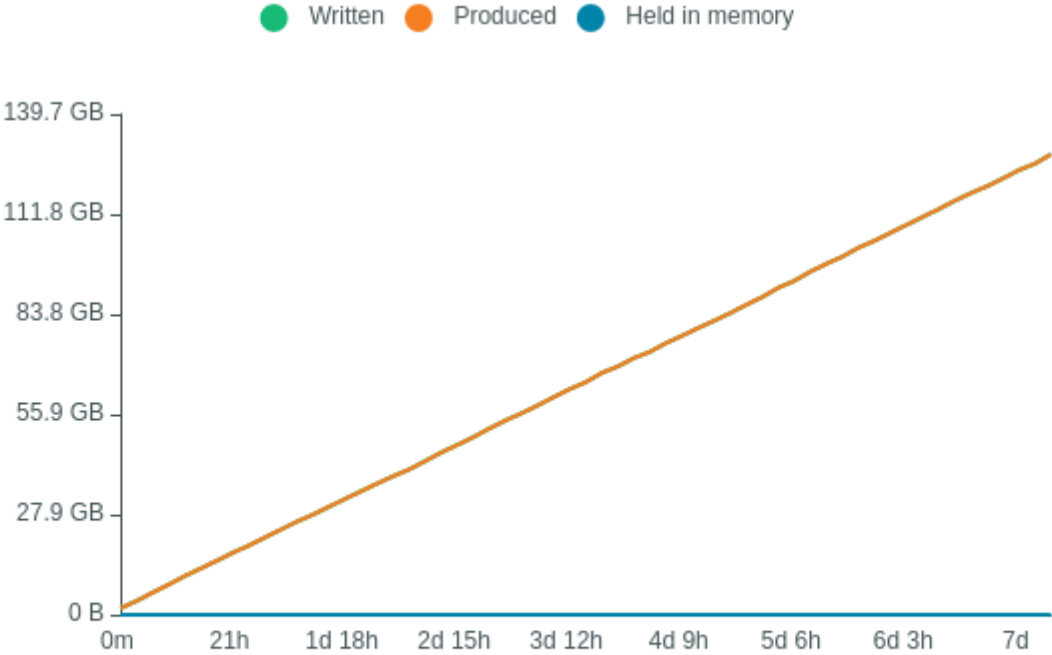


QScore





Disk Write Performance



**Run Debug Messages**

- The sequencing run has finished, but basecalling may continue April 4, 15:11
- Mux scan for flow cell FAT09348 has found a total of 110 pores. 99 pores available for immediate sequencing April 4, 14:35
- Performing Mux Scan April 4, 14:32
- Mux scan for flow cell FAT09348 has found a total of 96 pores. 87 pores available for immediate sequencing April 4, 13:02
- Performing Mux Scan April 4, 13:00
- Mux scan for flow cell FAT09348 has found a total of 101 pores. 87 pores available for immediate sequencing April 4, 11:30
- Performing Mux Scan April 4, 11:27
- Mux scan for flow cell FAT09348 has found a total of 106 pores. 100 pores available for immediate sequencing April 4, 09:57
- Performing Mux Scan April 4, 09:55
- Mux scan for flow cell FAT09348 has found a total of 100 pores. 92 pores available for immediate sequencing April 4, 08:25
- Performing Mux Scan April 4, 08:22
- Mux scan for flow cell FAT09348 has found a total of 125 pores. 114 pores available for immediate sequencing April 4, 06:52
- Performing Mux Scan April 4, 06:49
- Mux scan for flow cell FAT09348 has found a total of 146 pores. 131 pores available for immediate sequencing April 4, 05:19
- Performing Mux Scan April 4, 05:17
- Mux scan for flow cell FAT09348 has found a total of 160 pores. 138 pores available for immediate sequencing April 4, 03:47
- Performing Mux Scan April 4, 03:44
- Mux scan for flow cell FAT09348 has found a total of 147 pores. 122 pores available for immediate sequencing April 4, 02:14
- Performing Mux Scan April 4, 02:12
- Mux scan for flow cell FAT09348 has found a total of 133 pores. 113 pores available for immediate sequencing April 4, 00:41
- Performing Mux Scan April 4, 00:39
- Mux scan for flow cell FAT09348 has found a total of 151 pores. 131 pores available for immediate sequencing April 3, 23:09
- Performing Mux Scan April 3, 23:06
- Mux scan for flow cell FAT09348 has found a total of 155 pores. 130 pores available for immediate sequencing April 3, 21:36
- Performing Mux Scan April 3, 21:34
- Mux scan for flow cell FAT09348 has found a total of 179 pores. 147 pores available for immediate sequencing April 3, 20:03
- Performing Mux Scan April 3, 20:01
- Mux scan for flow cell FAT09348 has found a total of 206 pores. 171 pores available for immediate sequencing April 3, 18:30
- Performing Mux Scan April 3, 18:28
- Mux scan for flow cell FAT09348 has found a total of 197 pores. 154 pores available for immediate sequencing April 3, 16:58
- Performing Mux Scan April 3, 16:55
- Mux scan for flow cell FAT09348 has found a total of 167 pores. 133 pores available for immediate sequencing April 3, 15:25
- Performing Mux Scan April 3, 15:23
- Mux scan for flow cell FAT09348 has found a total of 192 pores. 156 pores available for

- immediate sequencing April 3, 13:52
- Performing Mux Scan April 3, 13:50
- Mux scan for flow cell FAT09348 has found a total of 194 pores. 153 pores available for immediate sequencing April 3, 12:19
- Performing Mux Scan April 3, 12:17
- Mux scan for flow cell FAT09348 has found a total of 207 pores. 170 pores available for immediate sequencing April 3, 10:46
- Performing Mux Scan April 3, 10:44
- Mux scan for flow cell FAT09348 has found a total of 230 pores. 187 pores available for immediate sequencing April 3, 09:13
- Performing Mux Scan April 3, 09:11
- Mux scan for flow cell FAT09348 has found a total of 258 pores. 207 pores available for immediate sequencing April 3, 07:40
- Performing Mux Scan April 3, 07:38
- Mux scan for flow cell FAT09348 has found a total of 214 pores. 172 pores available for immediate sequencing April 3, 06:07
- Performing Mux Scan April 3, 06:05
- Mux scan for flow cell FAT09348 has found a total of 232 pores. 185 pores available for immediate sequencing April 3, 04:34
- Performing Mux Scan April 3, 04:32
- Mux scan for flow cell FAT09348 has found a total of 264 pores. 206 pores available for immediate sequencing April 3, 03:01
- Performing Mux Scan April 3, 02:59
- Mux scan for flow cell FAT09348 has found a total of 304 pores. 226 pores available for immediate sequencing April 3, 01:28
- Performing Mux Scan April 3, 01:26
- Mux scan for flow cell FAT09348 has found a total of 278 pores. 210 pores available for immediate sequencing April 2, 23:55
- Performing Mux Scan April 2, 23:52
- Mux scan for flow cell FAT09348 has found a total of 321 pores. 236 pores available for immediate sequencing April 2, 22:22
- Performing Mux Scan April 2, 22:19
- Mux scan for flow cell FAT09348 has found a total of 364 pores. 253 pores available for immediate sequencing April 2, 20:49
- Performing Mux Scan April 2, 20:46
- Mux scan for flow cell FAT09348 has found a total of 359 pores. 254 pores available for immediate sequencing April 2, 19:15
- Performing Mux Scan April 2, 19:13
- Mux scan for flow cell FAT09348 has found a total of 404 pores. 274 pores available for immediate sequencing April 2, 17:42
- Performing Mux Scan April 2, 17:39
- Mux scan for flow cell FAT09348 has found a total of 414 pores. 286 pores available for immediate sequencing April 2, 16:08
- Performing Mux Scan April 2, 16:06
- Mux scan for flow cell FAT09348 has found a total of 452 pores. 293 pores available for immediate sequencing April 2, 14:35
- Performing Mux Scan April 2, 14:32
- Mux scan for flow cell FAT09348 has found a total of 507 pores. 316 pores available for immediate sequencing April 2, 13:01
- Performing Mux Scan April 2, 12:59
- Mux scan for flow cell FAT09348 has found a total of 544 pores. 339 pores available for immediate sequencing April 2, 11:28

- Performing Mux Scan April 2, 11:25
- Mux scan for flow cell FAT09348 has found a total of 529 pores. 323 pores available for immediate sequencing April 2, 09:54
- Performing Mux Scan April 2, 09:52
- Mux scan for flow cell FAT09348 has found a total of 566 pores. 334 pores available for immediate sequencing April 2, 08:21
- Performing Mux Scan April 2, 08:19
- Mux scan for flow cell FAT09348 has found a total of 600 pores. 354 pores available for immediate sequencing April 2, 06:48
- Performing Mux Scan April 2, 06:45
- Mux scan for flow cell FAT09348 has found a total of 668 pores. 382 pores available for immediate sequencing April 2, 05:14
- Performing Mux Scan April 2, 05:12
- Mux scan for flow cell FAT09348 has found a total of 715 pores. 389 pores available for immediate sequencing April 2, 03:41
- Performing Mux Scan April 2, 03:38
- Mux scan for flow cell FAT09348 has found a total of 754 pores. 403 pores available for immediate sequencing April 2, 02:07
- Performing Mux Scan April 2, 02:05
- Mux scan for flow cell FAT09348 has found a total of 809 pores. 417 pores available for immediate sequencing April 2, 00:34
- Performing Mux Scan April 2, 00:31
- Mux scan for flow cell FAT09348 has found a total of 887 pores. 430 pores available for immediate sequencing April 1, 23:00
- Performing Mux Scan April 1, 22:58
- Mux scan for flow cell FAT09348 has found a total of 909 pores. 432 pores available for immediate sequencing April 1, 21:27
- Performing Mux Scan April 1, 21:24
- Mux scan for flow cell FAT09348 has found a total of 950 pores. 453 pores available for immediate sequencing April 1, 19:53
- Performing Mux Scan April 1, 19:51
- Mux scan for flow cell FAT09348 has found a total of 1026 pores. 473 pores available for immediate sequencing April 1, 18:20
- Performing Mux Scan April 1, 18:17
- Mux scan for flow cell FAT09348 has found a total of 1093 pores. 488 pores available for immediate sequencing April 1, 16:47
- Performing Mux Scan April 1, 16:44
- Mux scan for flow cell FAT09348 has found a total of 1071 pores. 480 pores available for immediate sequencing April 1, 15:13
- Performing Mux Scan April 1, 15:11
- Starting sequencing procedure April 1, 15:11
- Waiting up to 300 seconds for temperature to stabilise at 30.0°C April 1, 15:07