Run Info

Host Name	**GXB02097 (localhost)**
Position	**X4**
Experiment Name	**VX06_H61211c**
Sample ID	**H61211c**
Run ID	**e8b913cf-61fa-4277-b24a-627b2f346601**
Acquisition ID(s)	**5960c71948de5ca9b4c9cb95a18998f9d0c61e4e, 4f5b739ce3229490970cb1331c2ab745f3388166**
Flow Cell Id	**FAL83583**
Start Time	**July 22, 10:54**
Run Length	**3d 0h 4m**

Run Summary

Reads Generated	**12.68 M**
Passed Bases	**5.14 Gb**
Failed Bases	**2.86 Gb**
Estimated Bases	**8.01 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

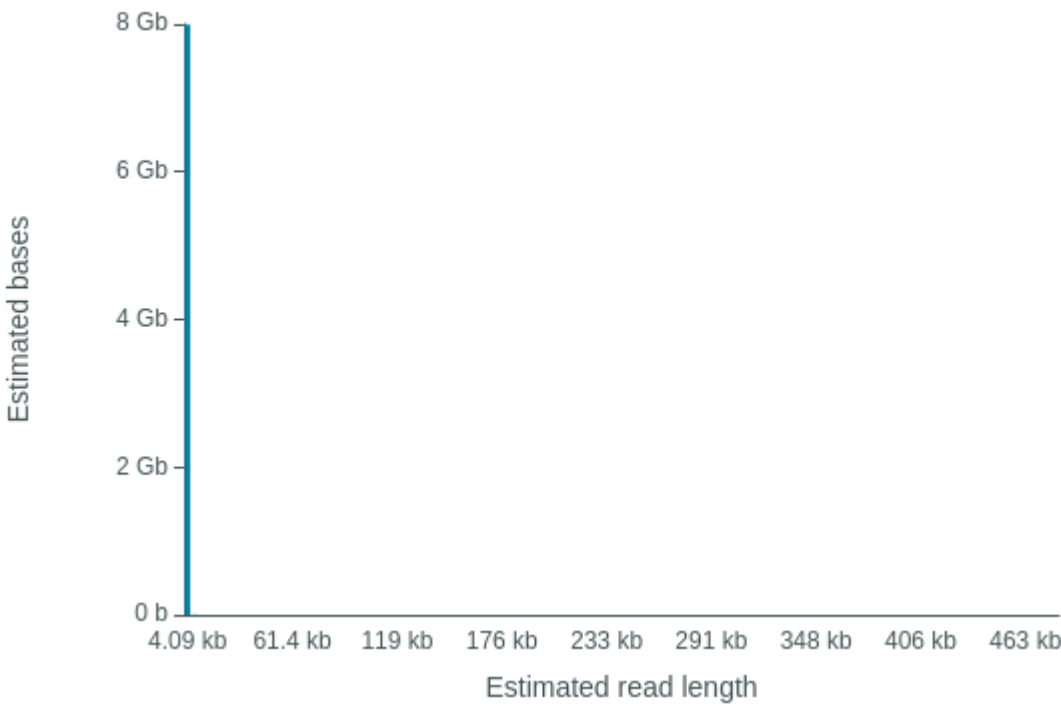|	
MinKNOW	**21.05.12**
MinKNOW Core	**4.3.7**
Bream	**6.2.5**
Guppy	**5.0.12**

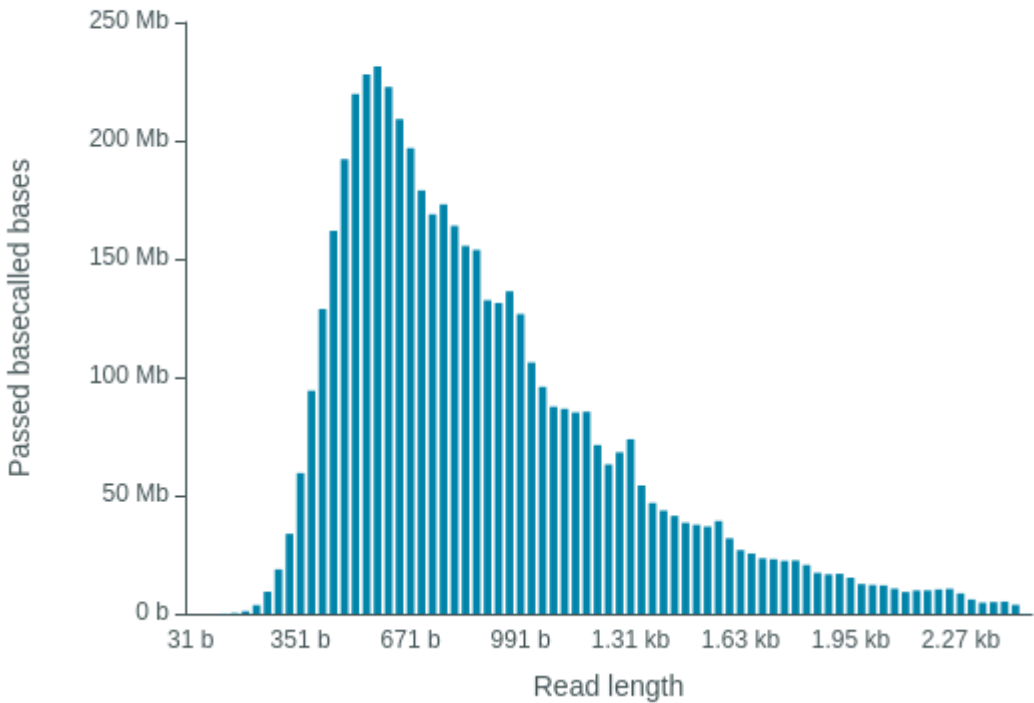## Cumulative Output Reads
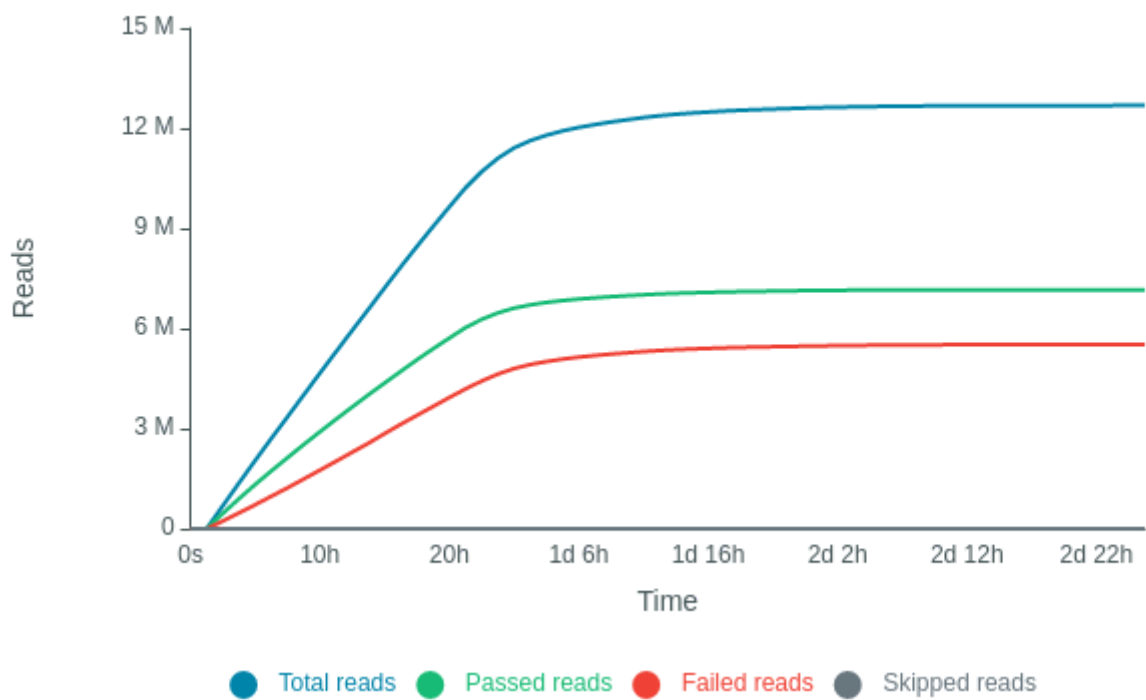
Cumulative Output Bases
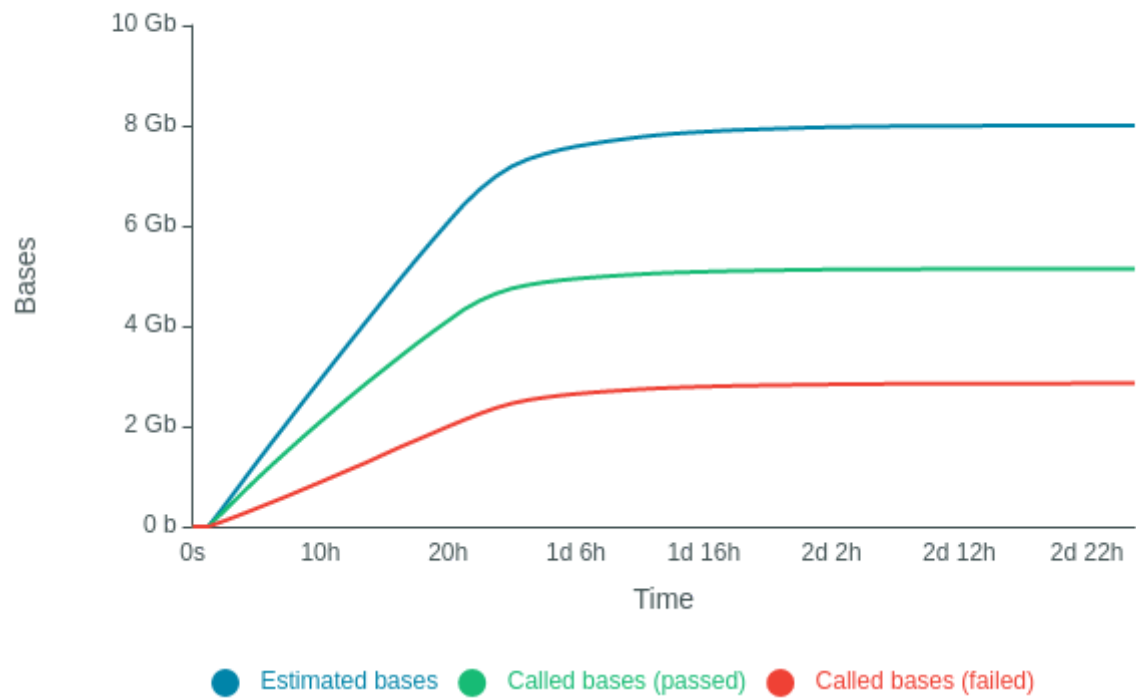
Read Length Histogram Estimated Bases - Outliers Discarded
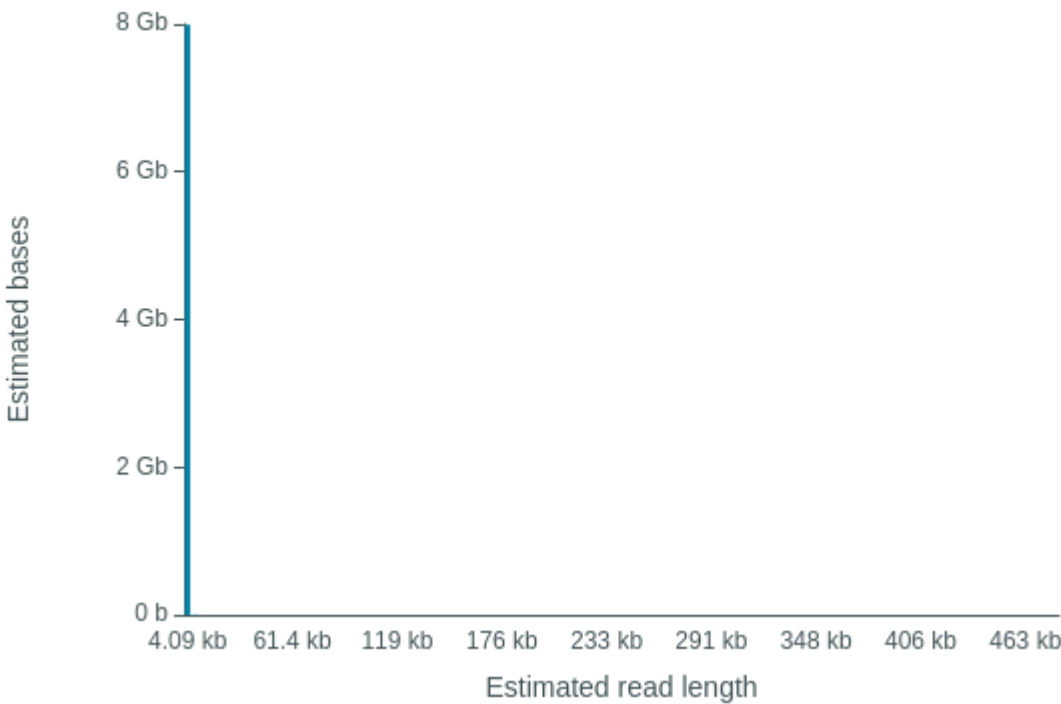
Estimated N50: 745 b

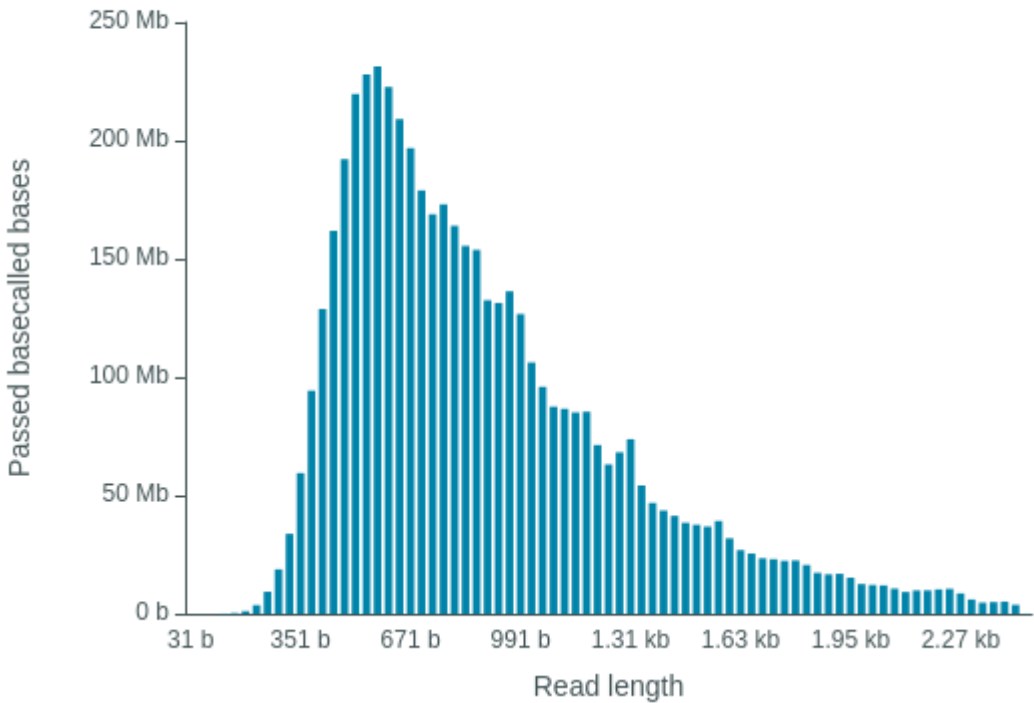## Read Length Histogram Basecalled Bases - Outliers Discarded

Estimated N50: 770 b

Read Length Histogram Estimated Bases

Estimated N50: 745 b

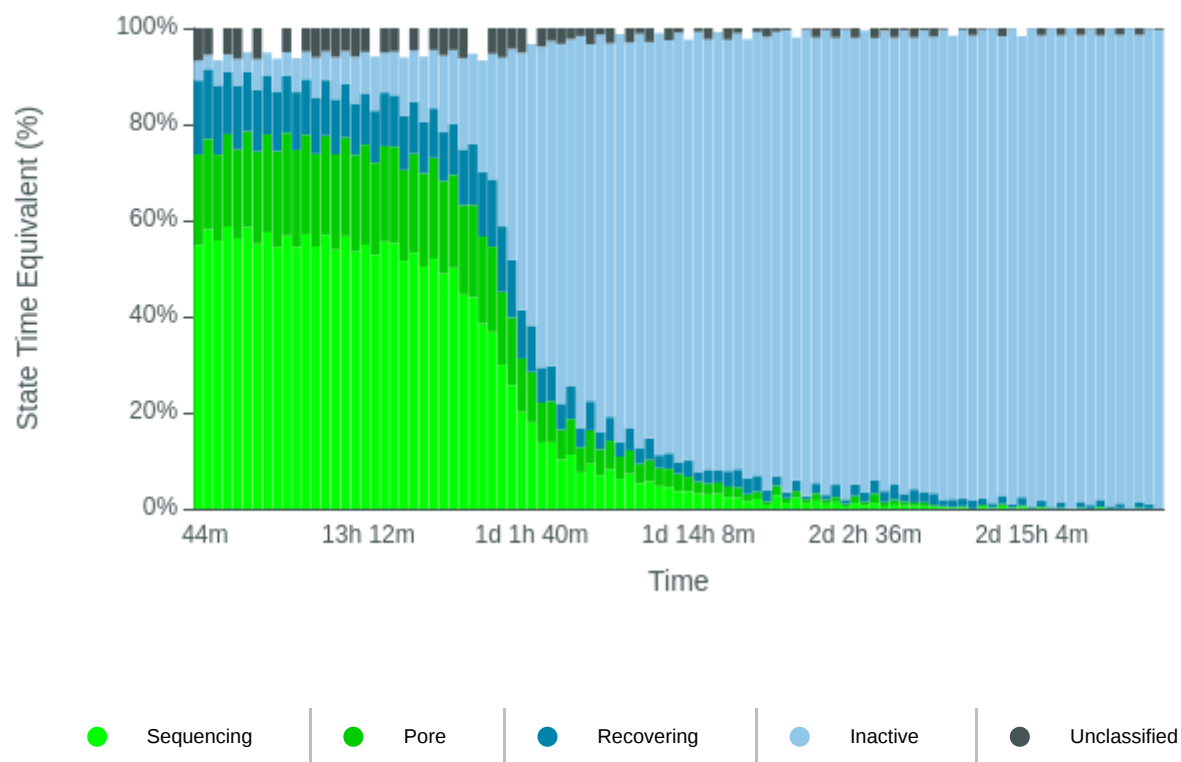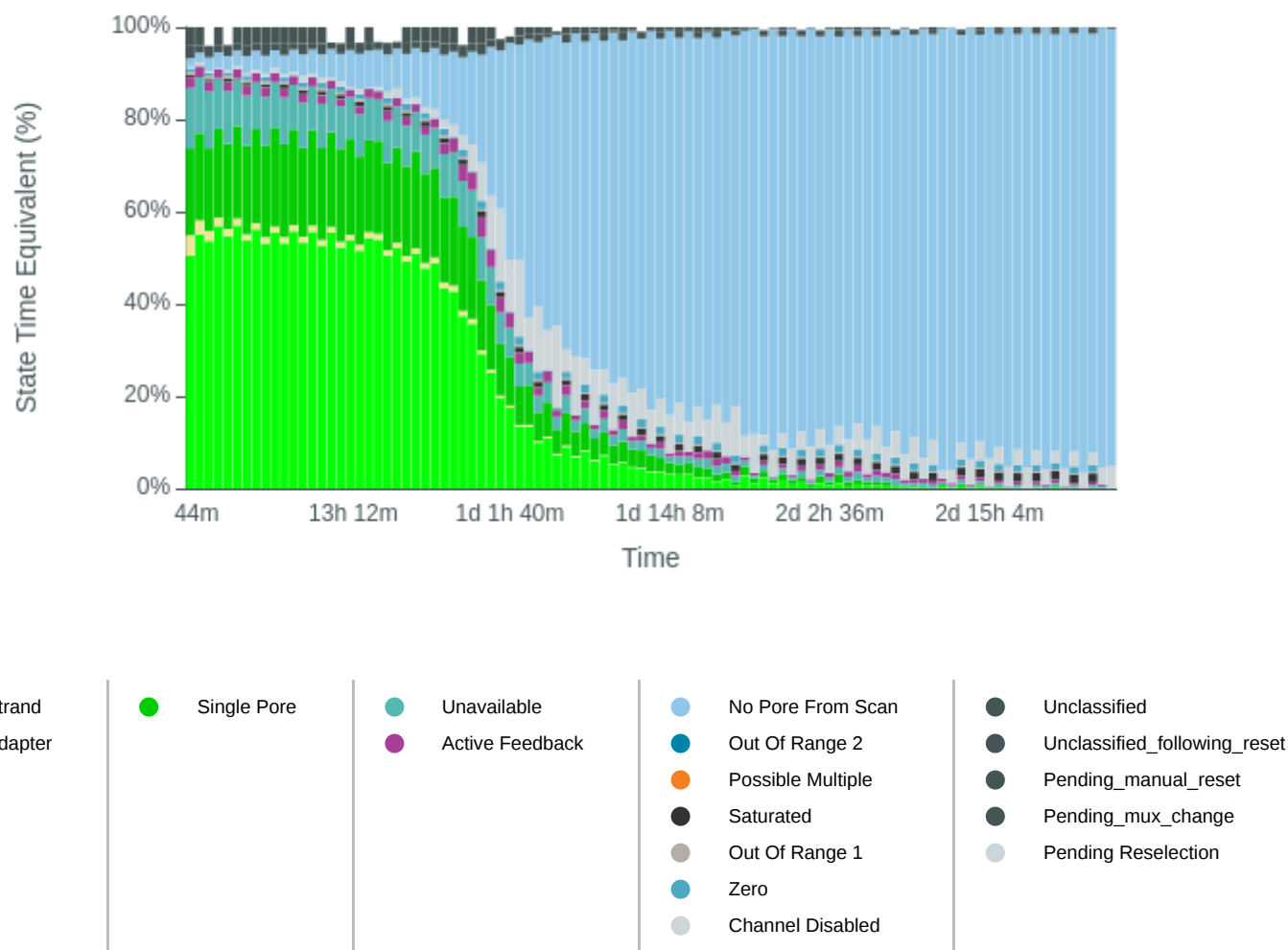## Read Length Histogram Basecalled Bases

Estimated N50: 770 b

Duty Time Grouped

| Sequencing | Pore | Recovering | Inactive | Unclassified |

Duty time Categorised

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

Mux Scan Grouped
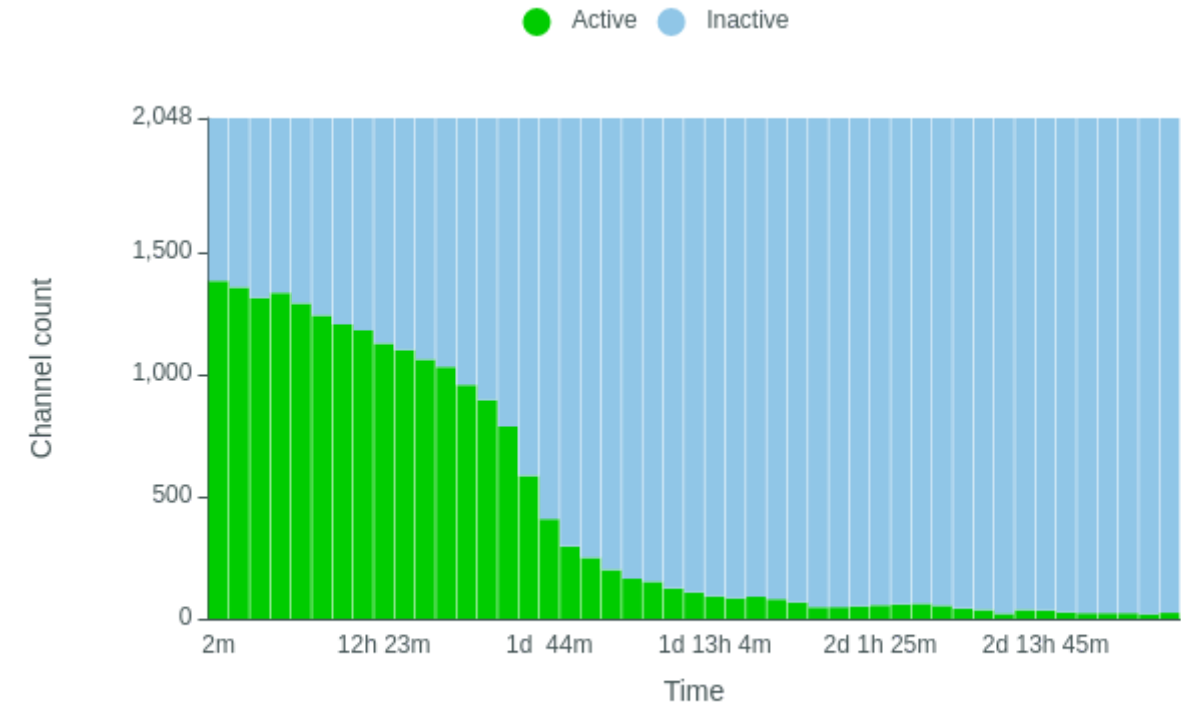
Mux Scan Categorised
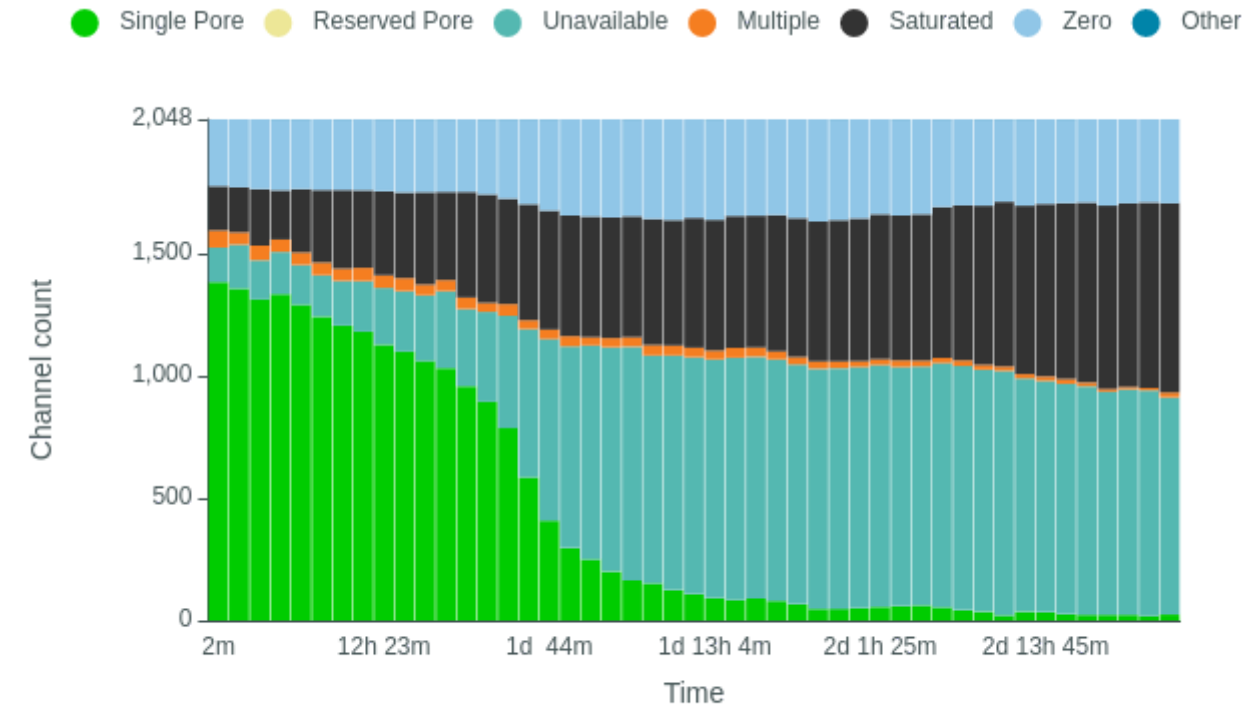
Temperature History

Bias Voltage History

Translocation Speed

QScore

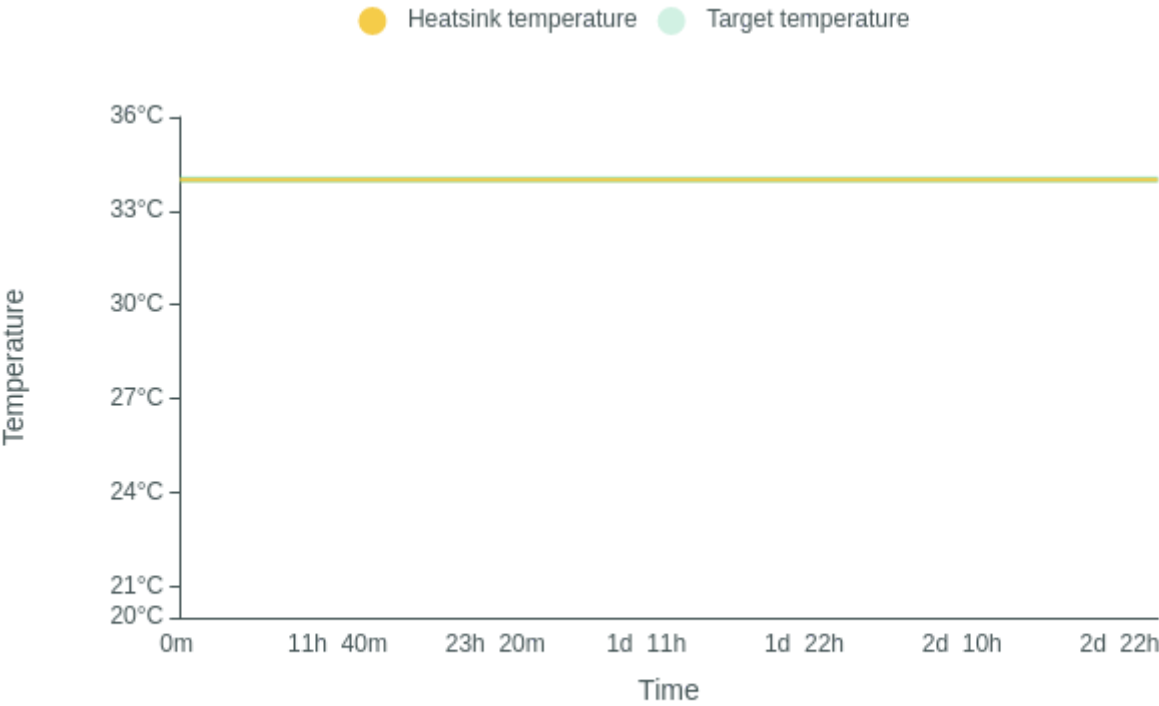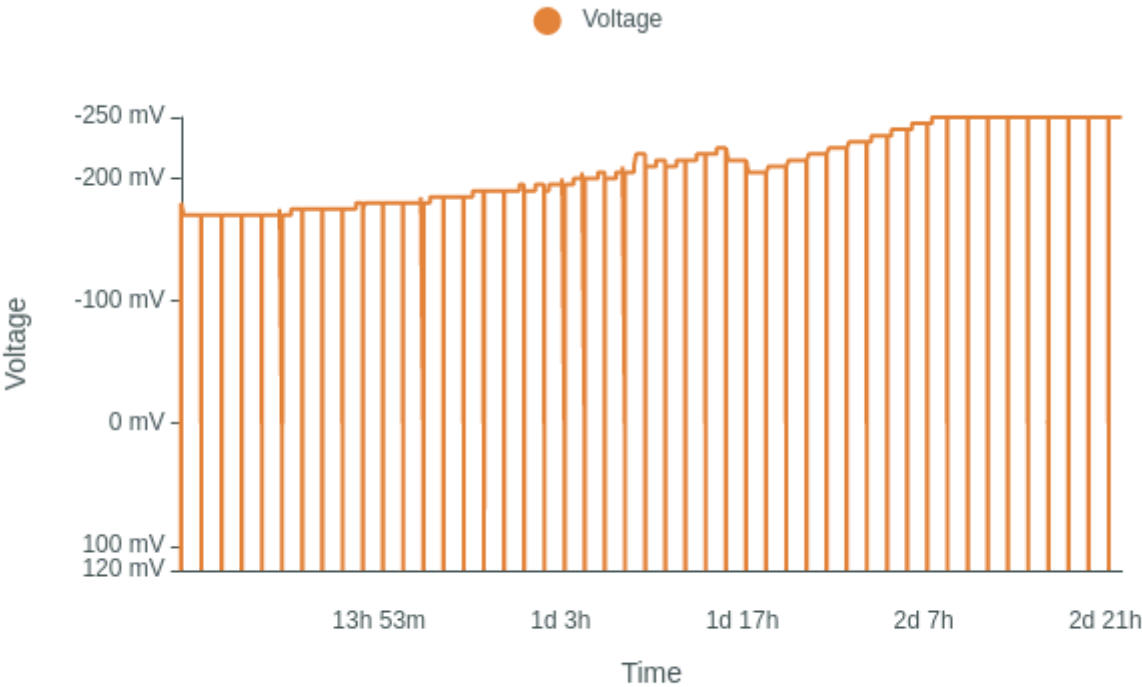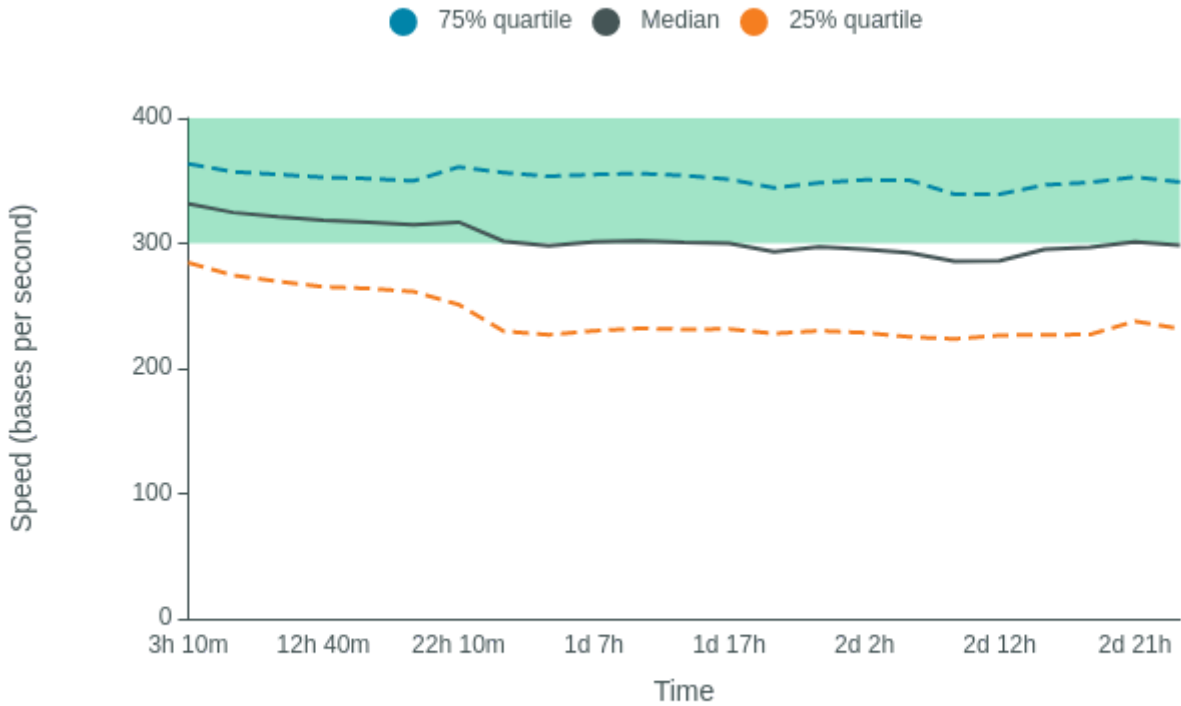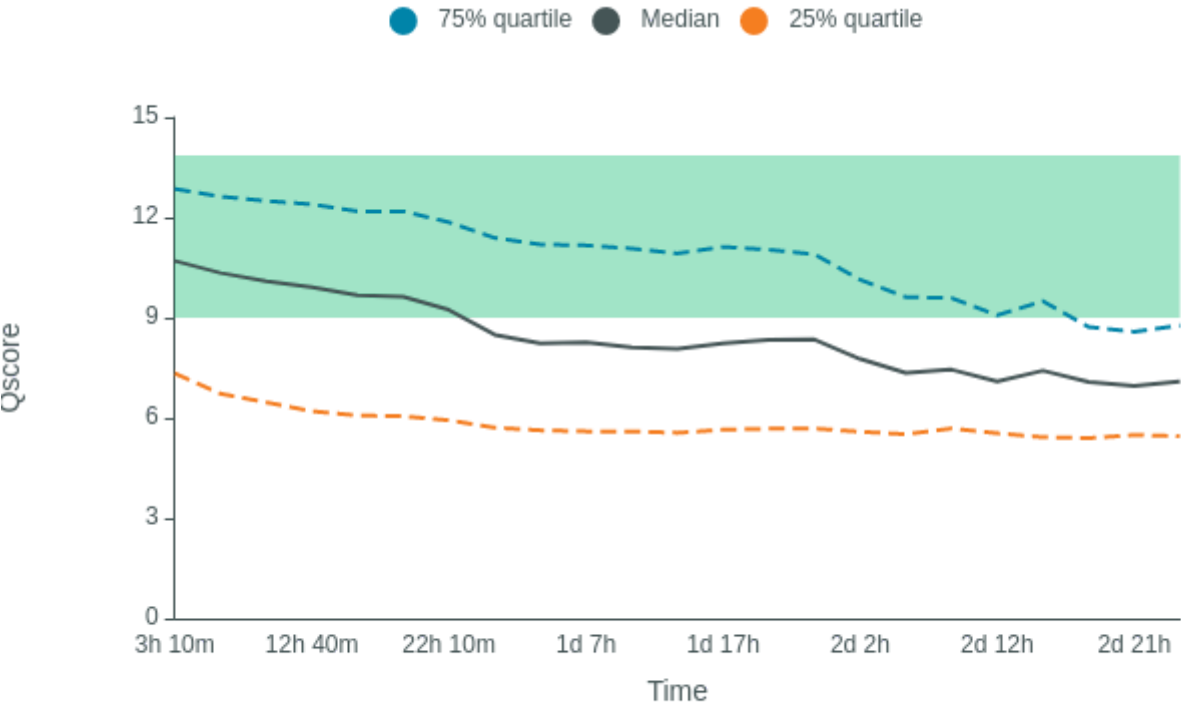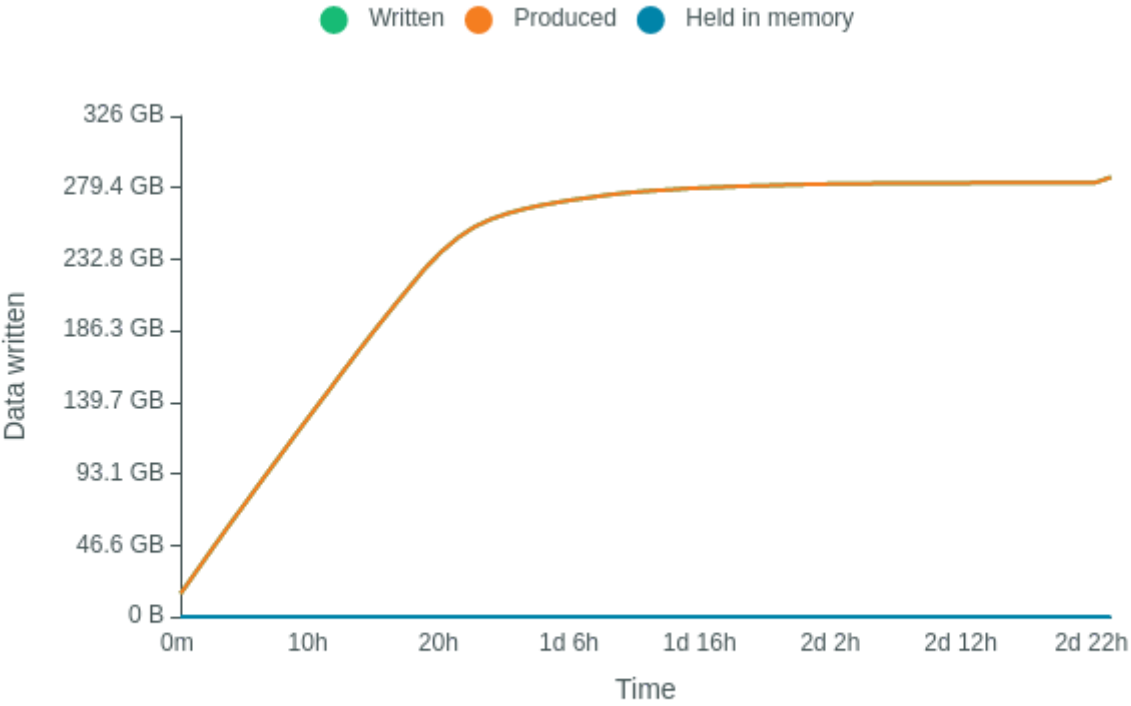## Disk Write Performance

Run Debug Messages

- The sequencing run has finished, but basecalling may continue   July 25, 10:58
- Mux scan for flow cell FAL83583 has found a total of 24 pores. 24 pores available for immediate sequencing   July 25, 09:58
- Performing Mux Scan   July 25, 09:56
- Mux scan for flow cell FAL83583 has found a total of 19 pores. 18 pores available for immediate sequencing   July 25, 08:26
- Performing Mux Scan   July 25, 08:23
- Mux scan for flow cell FAL83583 has found a total of 23 pores. 22 pores available for immediate sequencing   July 25, 06:53
- Performing Mux Scan   July 25, 06:51
- Mux scan for flow cell FAL83583 has found a total of 23 pores. 22 pores available for immediate sequencing   July 25, 05:21
- Performing Mux Scan   July 25, 05:18
- Mux scan for flow cell FAL83583 has found a total of 23 pores. 23 pores available for immediate sequencing   July 25, 03:48
- Performing Mux Scan   July 25, 03:46
- Mux scan for flow cell FAL83583 has found a total of 26 pores. 24 pores available for immediate sequencing   July 25, 02:16
- Performing Mux Scan   July 25, 02:13
- Mux scan for flow cell FAL83583 has found a total of 34 pores. 34 pores available for immediate sequencing   July 25, 00:43
- Performing Mux Scan   July 25, 00:41
- Mux scan for flow cell FAL83583 has found a total of 36 pores. 33 pores available for immediate sequencing   July 24, 23:11
- Performing Mux Scan   July 24, 23:08
- Mux scan for flow cell FAL83583 has found a total of 21 pores. 21 pores available for immediate sequencing   July 24, 21:38
- Performing Mux Scan   July 24, 21:36
- Mux scan for flow cell FAL83583 has found a total of 36 pores. 35 pores available for immediate sequencing   July 24, 20:06
- Performing Mux Scan   July 24, 20:03
- Mux scan for flow cell FAL83583 has found a total of 42 pores. 40 pores available for immediate sequencing   July 24, 18:33
- Performing Mux Scan   July 24, 18:31
- Mux scan for flow cell FAL83583 has found a total of 54 pores. 49 pores available for immediate sequencing   July 24, 17:01
- Performing Mux Scan   July 24, 16:58
- Mux scan for flow cell FAL83583 has found a total of 62 pores. 56 pores available for immediate sequencing   July 24, 15:28
- Performing Mux Scan   July 24, 15:26
- Mux scan for flow cell FAL83583 has found a total of 59 pores. 57 pores available for immediate sequencing   July 24, 13:56
- Performing Mux Scan   July 24, 13:53
- Mux scan for flow cell FAL83583 has found a total of 55 pores. 51 pores available for immediate sequencing   July 24, 12:23
- Performing Mux Scan   July 24, 12:21
- Mux scan for flow cell FAL83583 has found a total of 51 pores. 48 pores available for immediate sequencing   July 24, 10:51
- Performing Mux Scan   July 24, 10:48
- Mux scan for flow cell FAL83583 has found a total of 48 pores. 46 pores available for immediate

sequencing   July 24, 09:18

- Performing Mux Scan   July 24, 09:16
- Mux scan for flow cell FAL83583 has found a total of 47 pores. 43 pores available for immediate sequencing   July 24, 07:46
- Performing Mux Scan   July 24, 07:43
- Mux scan for flow cell FAL83583 has found a total of 67 pores. 62 pores available for immediate sequencing   July 24, 06:13
- Performing Mux Scan   July 24, 06:11
- Mux scan for flow cell FAL83583 has found a total of 80 pores. 77 pores available for immediate sequencing   July 24, 04:40
- Performing Mux Scan   July 24, 04:38
- Mux scan for flow cell FAL83583 has found a total of 90 pores. 81 pores available for immediate sequencing   July 24, 03:08
- Performing Mux Scan   July 24, 03:06
- Mux scan for flow cell FAL83583 has found a total of 84 pores. 78 pores available for immediate sequencing   July 24, 01:35
- Performing Mux Scan   July 24, 01:33
- Mux scan for flow cell FAL83583 has found a total of 92 pores. 85 pores available for immediate sequencing   July 24, 00:03
- Performing Mux Scan   July 24, 00:00
- Mux scan for flow cell FAL83583 has found a total of 108 pores. 92 pores available for immediate sequencing   July 23, 22:30
- Performing Mux Scan   July 23, 22:28
- Mux scan for flow cell FAL83583 has found a total of 124 pores. 112 pores available for immediate sequencing   July 23, 20:58
- Performing Mux Scan   July 23, 20:55
- Mux scan for flow cell FAL83583 has found a total of 152 pores. 122 pores available for immediate sequencing   July 23, 19:25
- Performing Mux Scan   July 23, 19:23
- Mux scan for flow cell FAL83583 has found a total of 164 pores. 138 pores available for immediate sequencing   July 23, 17:53
- Performing Mux Scan   July 23, 17:50
- Mux scan for flow cell FAL83583 has found a total of 200 pores. 154 pores available for immediate sequencing   July 23, 16:20
- Performing Mux Scan   July 23, 16:18
- Mux scan for flow cell FAL83583 has found a total of 250 pores. 187 pores available for immediate sequencing   July 23, 14:48
- Performing Mux Scan   July 23, 14:45
- Mux scan for flow cell FAL83583 has found a total of 296 pores. 203 pores available for immediate sequencing   July 23, 13:15
- Performing Mux Scan   July 23, 13:13
- Mux scan for flow cell FAL83583 has found a total of 408 pores. 271 pores available for immediate sequencing   July 23, 11:43
- Performing Mux Scan   July 23, 11:40
- Mux scan for flow cell FAL83583 has found a total of 585 pores. 347 pores available for immediate sequencing   July 23, 10:10
- Performing Mux Scan   July 23, 10:08
- Mux scan for flow cell FAL83583 has found a total of 786 pores. 409 pores available for immediate sequencing   July 23, 08:37
- Performing Mux Scan   July 23, 08:35
- Mux scan for flow cell FAL83583 has found a total of 894 pores. 431 pores available for immediate sequencing   July 23, 07:05

- Performing Mux Scan   July 23, 07:02
- Mux scan for flow cell FAL83583 has found a total of 957 pores. 444 pores available for immediate sequencing   July 23, 05:32
- Performing Mux Scan   July 23, 05:30
- Mux scan for flow cell FAL83583 has found a total of 1031 pores. 457 pores available for immediate sequencing   July 23, 03:59
- Performing Mux Scan   July 23, 03:57
- Mux scan for flow cell FAL83583 has found a total of 1060 pores. 468 pores available for immediate sequencing   July 23, 02:27
- Performing Mux Scan   July 23, 02:24
- Mux scan for flow cell FAL83583 has found a total of 1099 pores. 471 pores available for immediate sequencing   July 23, 00:54
- Performing Mux Scan   July 23, 00:52
- Mux scan for flow cell FAL83583 has found a total of 1127 pores. 471 pores available for immediate sequencing   July 22, 23:22
- Performing Mux Scan   July 22, 23:19
- Mux scan for flow cell FAL83583 has found a total of 1180 pores. 481 pores available for immediate sequencing   July 22, 21:49
- Performing Mux Scan   July 22, 21:46
- Mux scan for flow cell FAL83583 has found a total of 1205 pores. 485 pores available for immediate sequencing   July 22, 20:16
- Performing Mux Scan   July 22, 20:14
- Mux scan for flow cell FAL83583 has found a total of 1242 pores. 487 pores available for immediate sequencing   July 22, 18:44
- Performing Mux Scan   July 22, 18:41
- Mux scan for flow cell FAL83583 has found a total of 1290 pores. 492 pores available for immediate sequencing   July 22, 17:11
- Performing Mux Scan   July 22, 17:09
- Mux scan for flow cell FAL83583 has found a total of 1333 pores. 491 pores available for immediate sequencing   July 22, 15:38
- Performing Mux Scan   July 22, 15:36
- Mux scan for flow cell FAL83583 has found a total of 1312 pores. 495 pores available for immediate sequencing   July 22, 14:06
- Performing Mux Scan   July 22, 14:03
- Mux scan for flow cell FAL83583 has found a total of 1356 pores. 495 pores available for immediate sequencing   July 22, 12:33
- Performing Mux Scan   July 22, 12:31
- Mux scan for flow cell FAL83583 has found a total of 1382 pores. 502 pores available for immediate sequencing   July 22, 11:00
- Performing Mux Scan   July 22, 10:58
- Starting sequencing procedure   July 22, 10:58
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C   July 22, 10:54