



## Run Info

Host Name	GXB01190 (localhost)
Experiment Name	ReadUntil_38kbp_MmDeplete_Con_15042021
Sample ID	ReadUntil_38kbp_MmDeplete_Con_15042021
Run ID	5ff605ea-1717-49d7-8a45-0125ac3b65ab
Flow Cell Id	FAP14879
Start Time	April 15, 09:50
Run Length	1h 0m

## Run Summary

Reads Generated	41.73 K
Passed Bases	424.87 Mb
Failed Bases	24.59 Mb
Estimated Bases	444.12 Mb

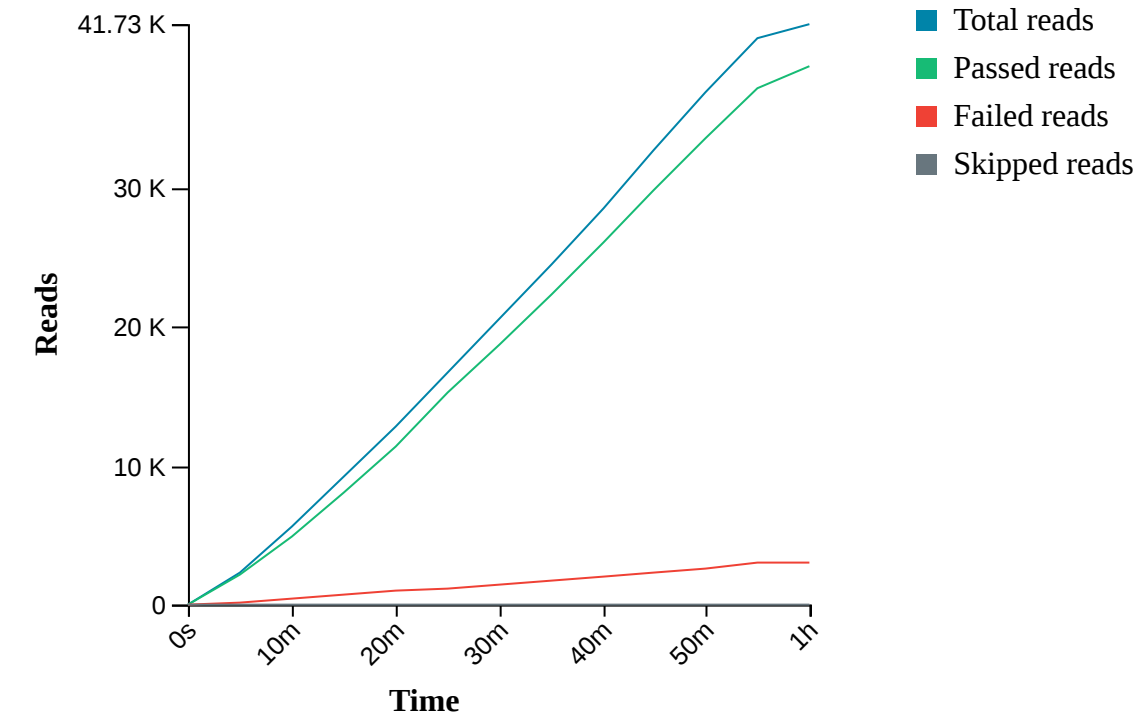
## Run Parameters

Flow Cell Type	FLO-MIN106
Kit	SQK-LSK109
Initial Bias Voltage	-180 mV
FAST5 Output	Enabled
FASTQ Output	Enabled
BAM Output	Enabled
Active Channel Selection	Enabled
Basecalling	on
Specified Run Length	72 hours
FAST5 Reads per File	4000
FAST5 Output Options	zlib_compress,fastq.raw
FASTQ Reads per File	4000
Mux Scan Period	1 hour 30 minutes
Reserved Pores	0 %
Basecall Model	High-accuracy basecalling
Alignment	reference_files=["/data/references/the7references.fasta"]
Read Filtering	min_qscore=7

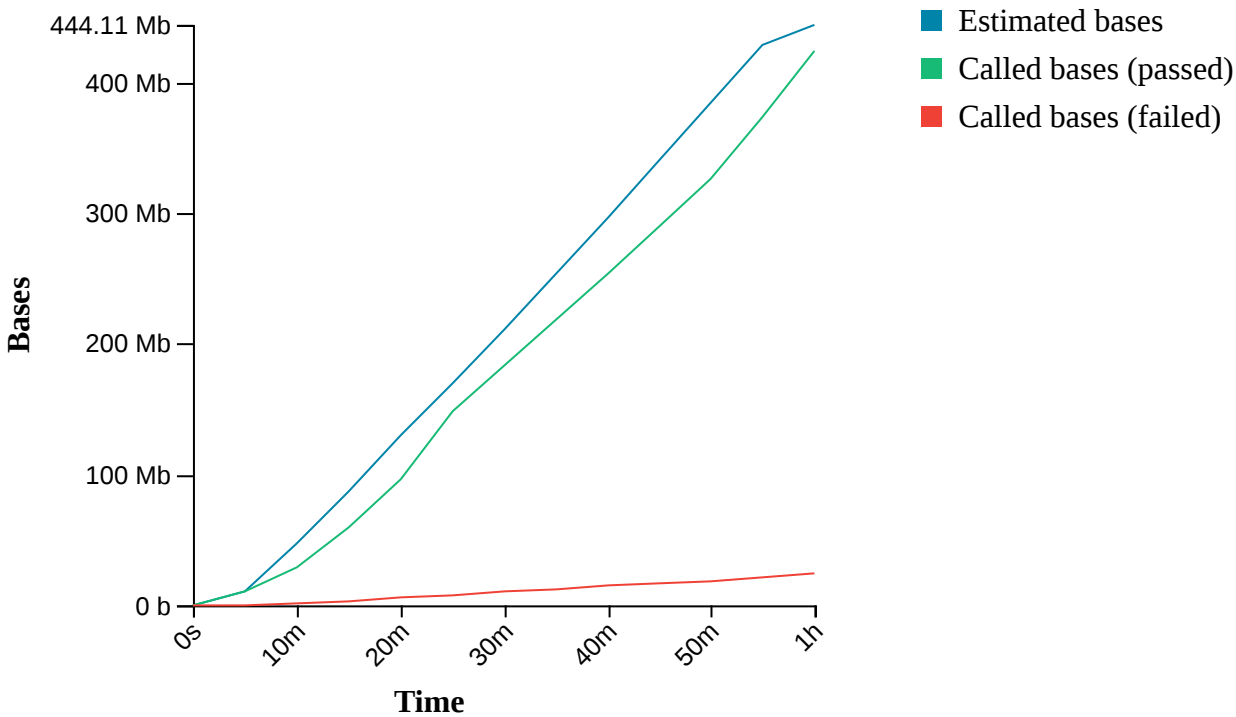
## Versions

MinKNOW	21.02.5
MinKNOW Core	4.2.5
Bream	6.1.10
Guppy	4.3.4

**Cumulative Output Reads**

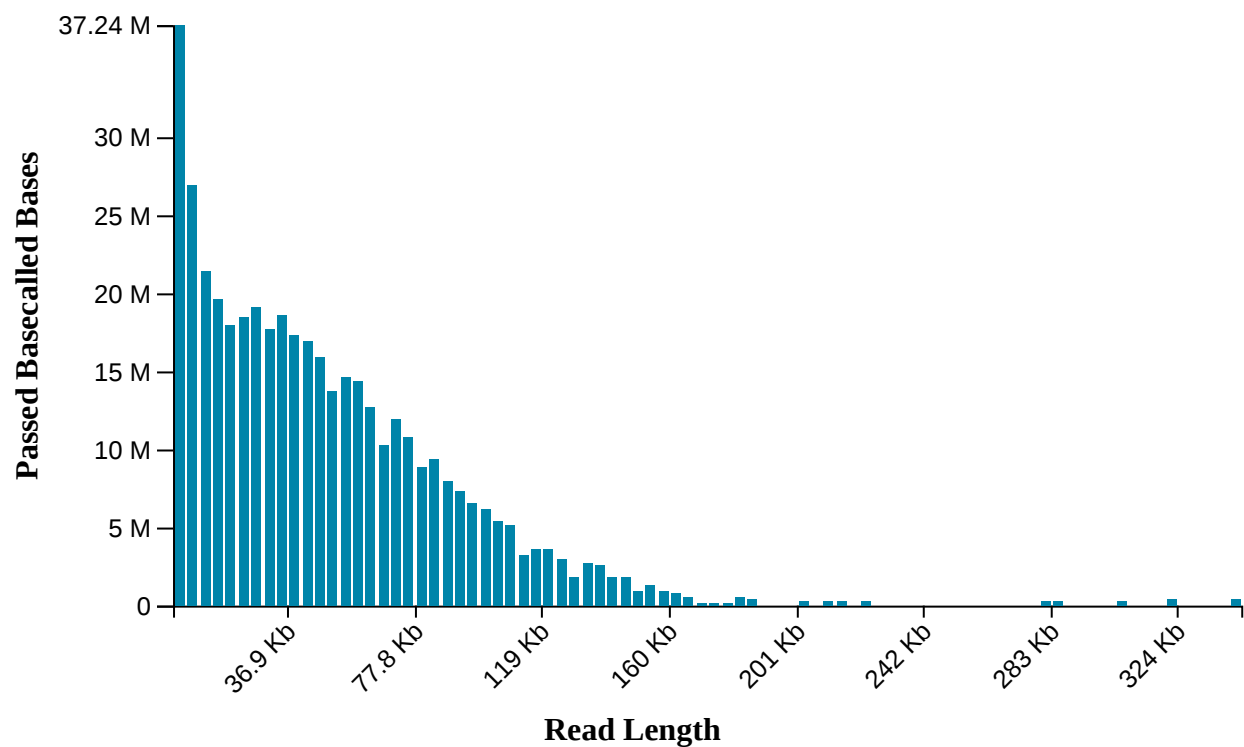


**Cumulative Output Bases**



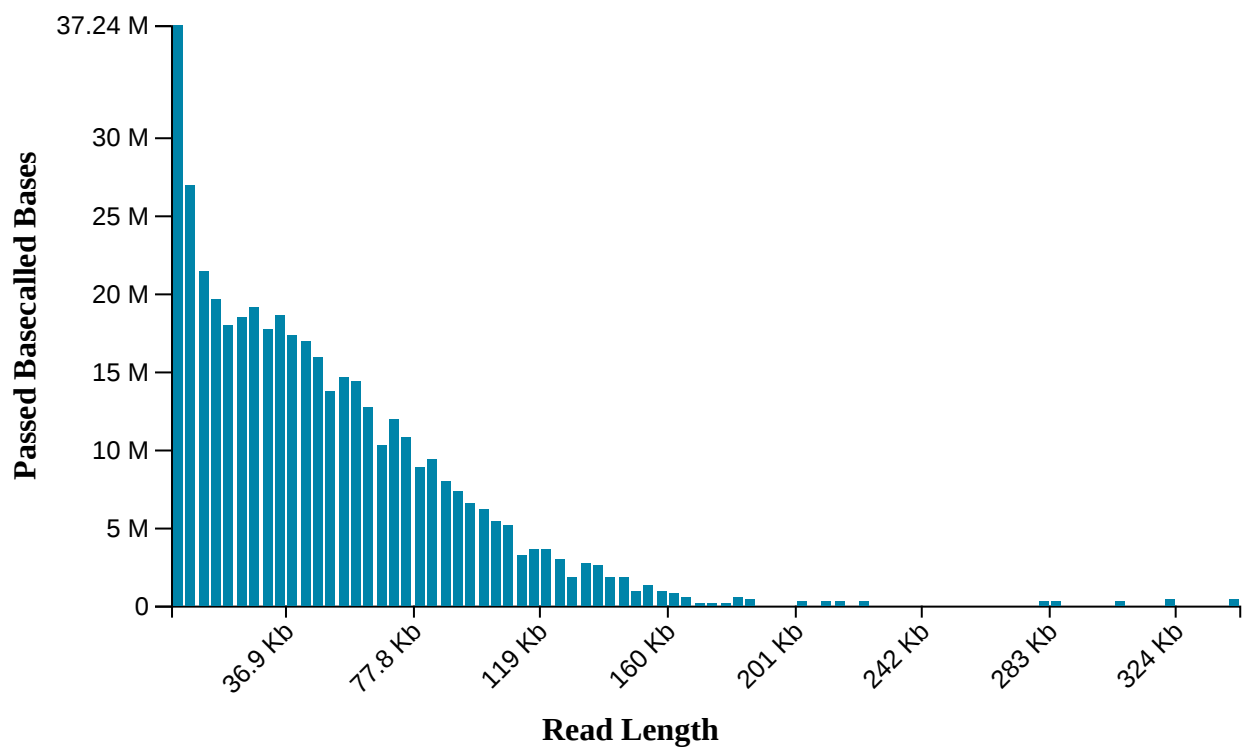
**Read Length Histogram Estimated Bases - Outliers Discarded**

Estimated N50: 40.56 K



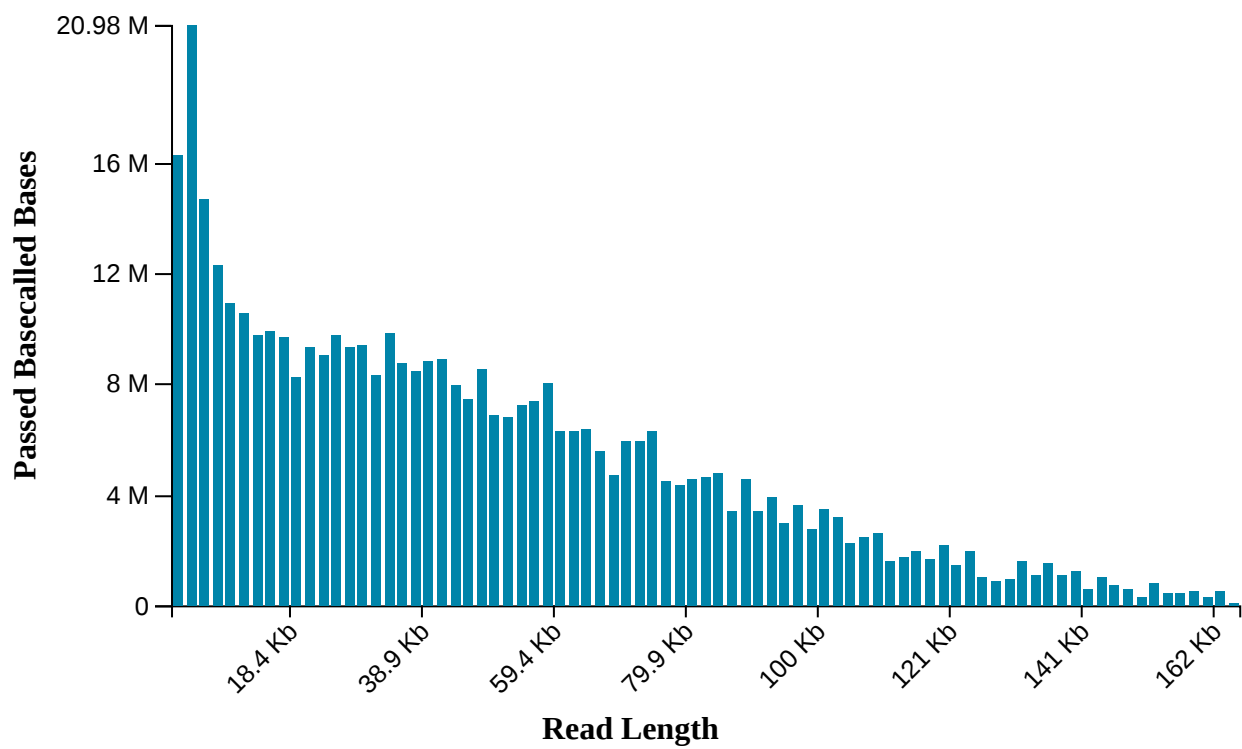
**Read Length Histogram Estimated Bases**

Estimated N50: 40.56 K

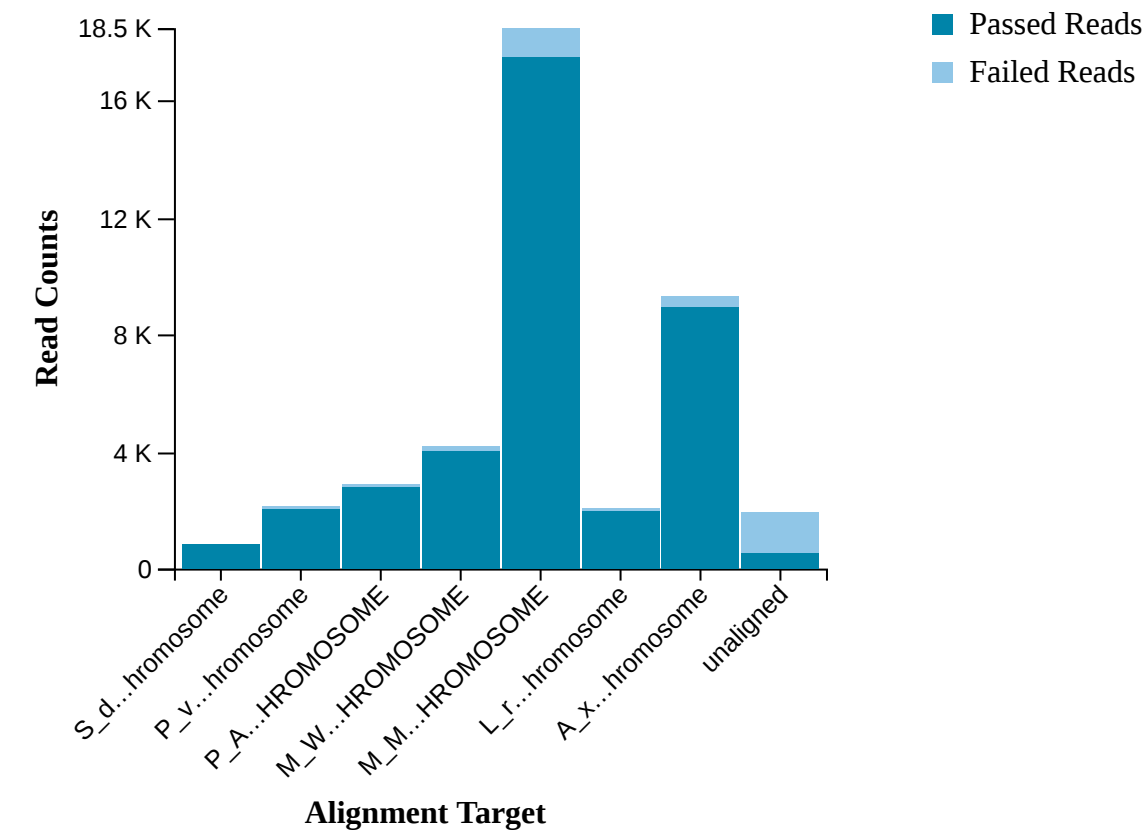


**Read Length Histogram Basecalled Bases**

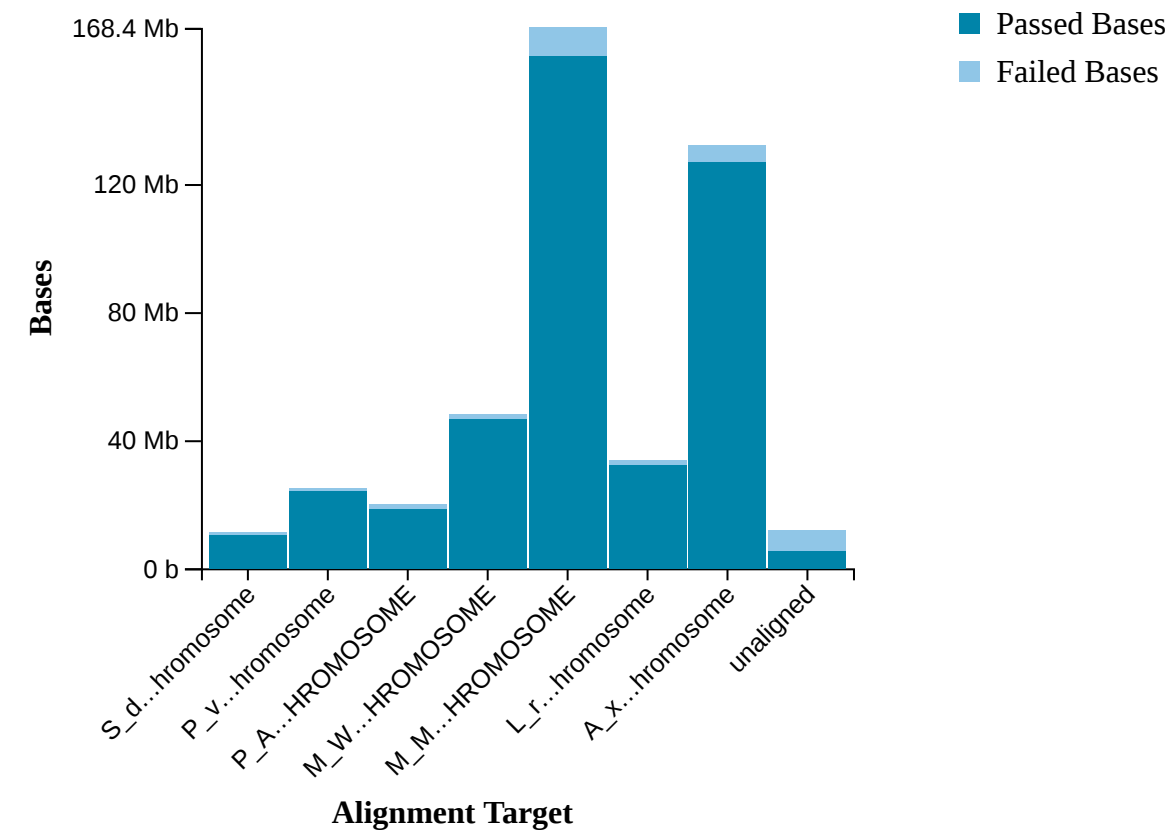
Estimated N50: 40.1 K



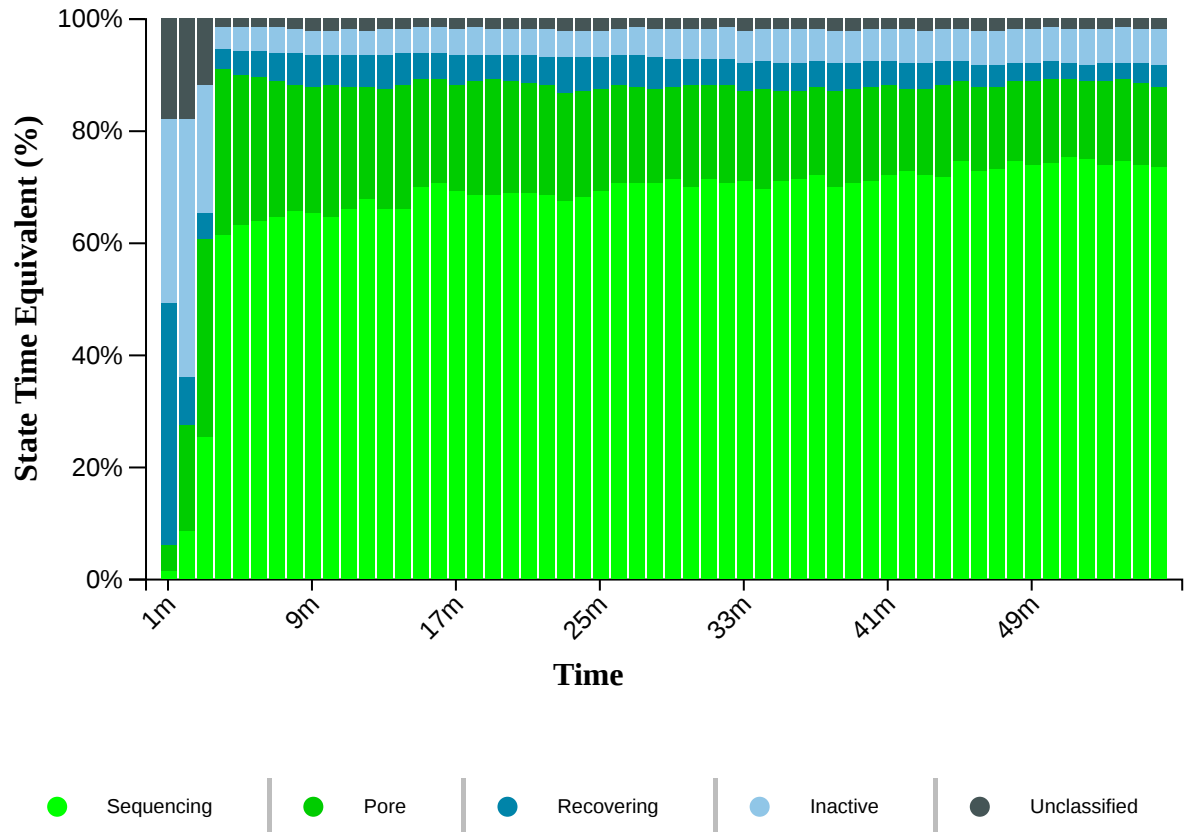
**Alignment Target Hits (reads)**



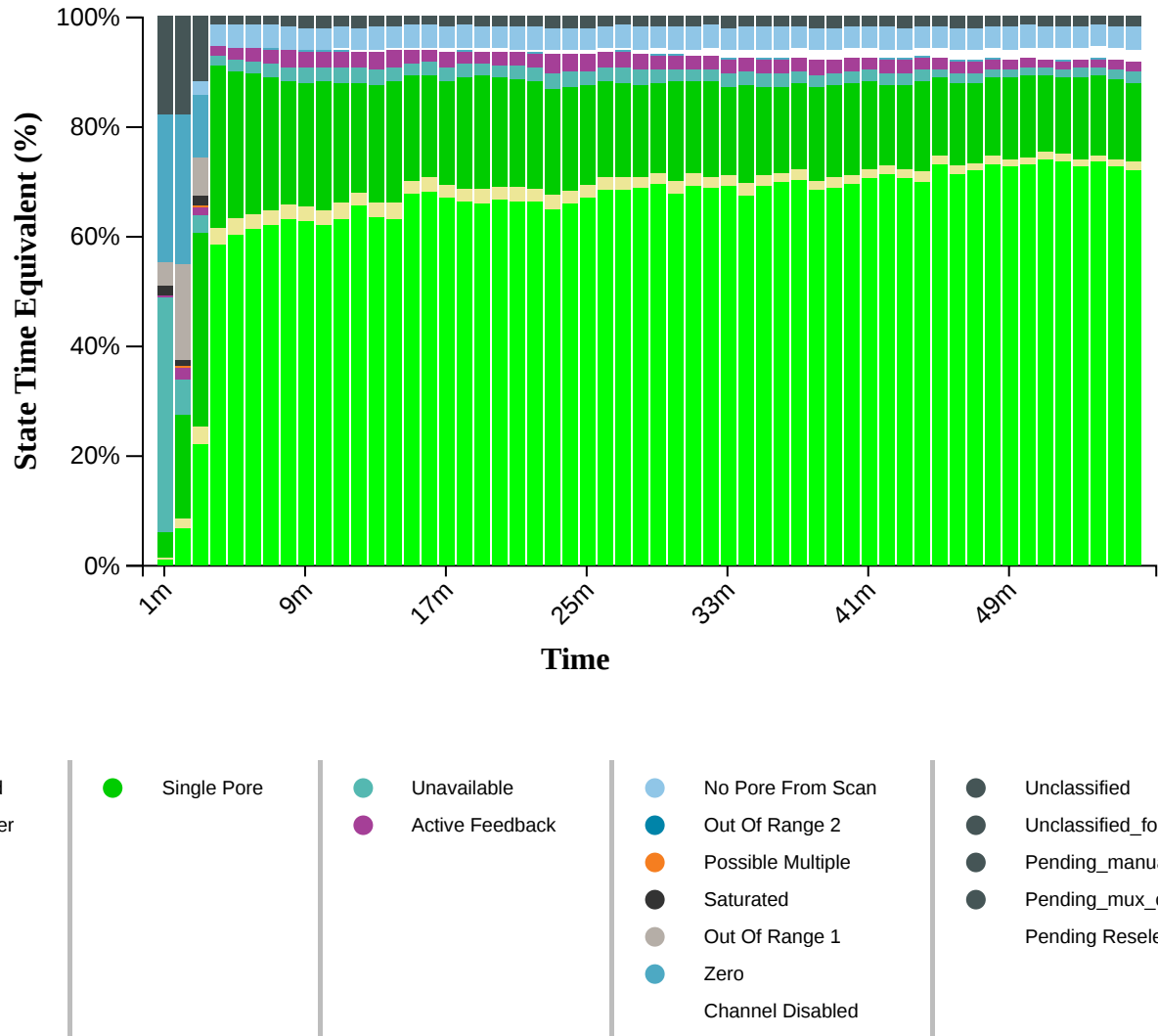
**Alignment Target Hits (bases)**



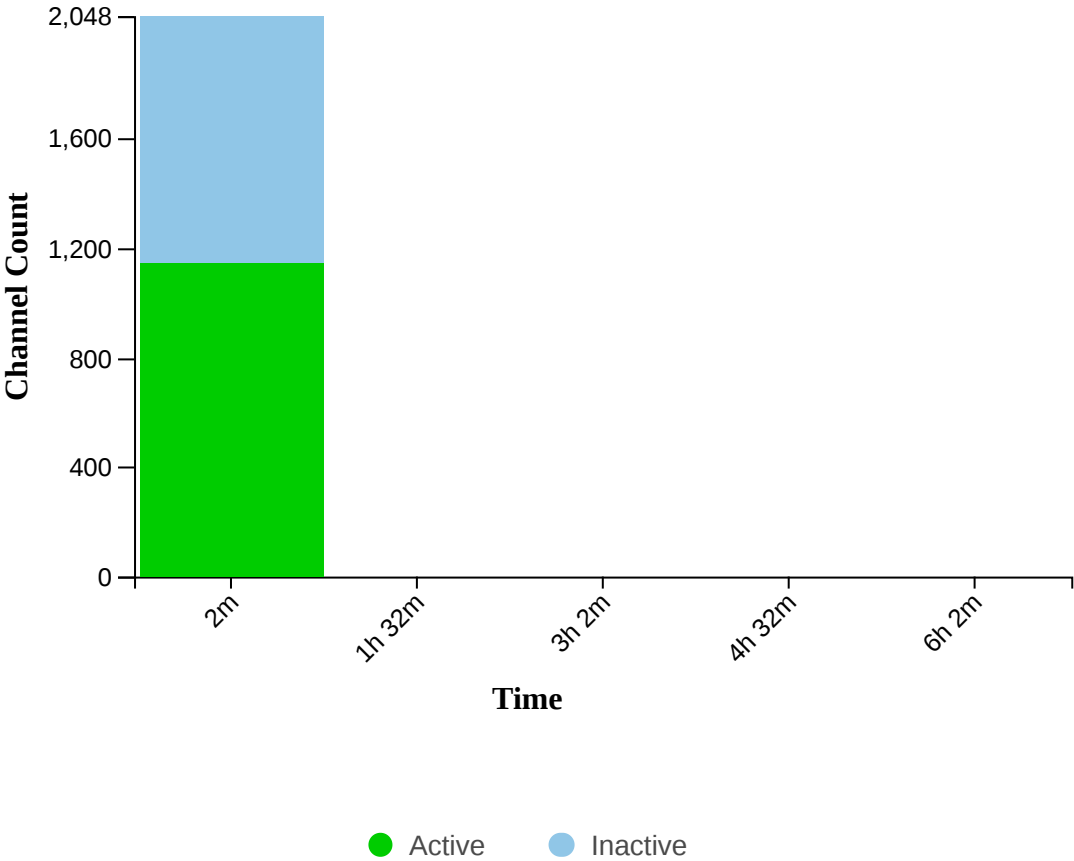
Duty Time Grouped



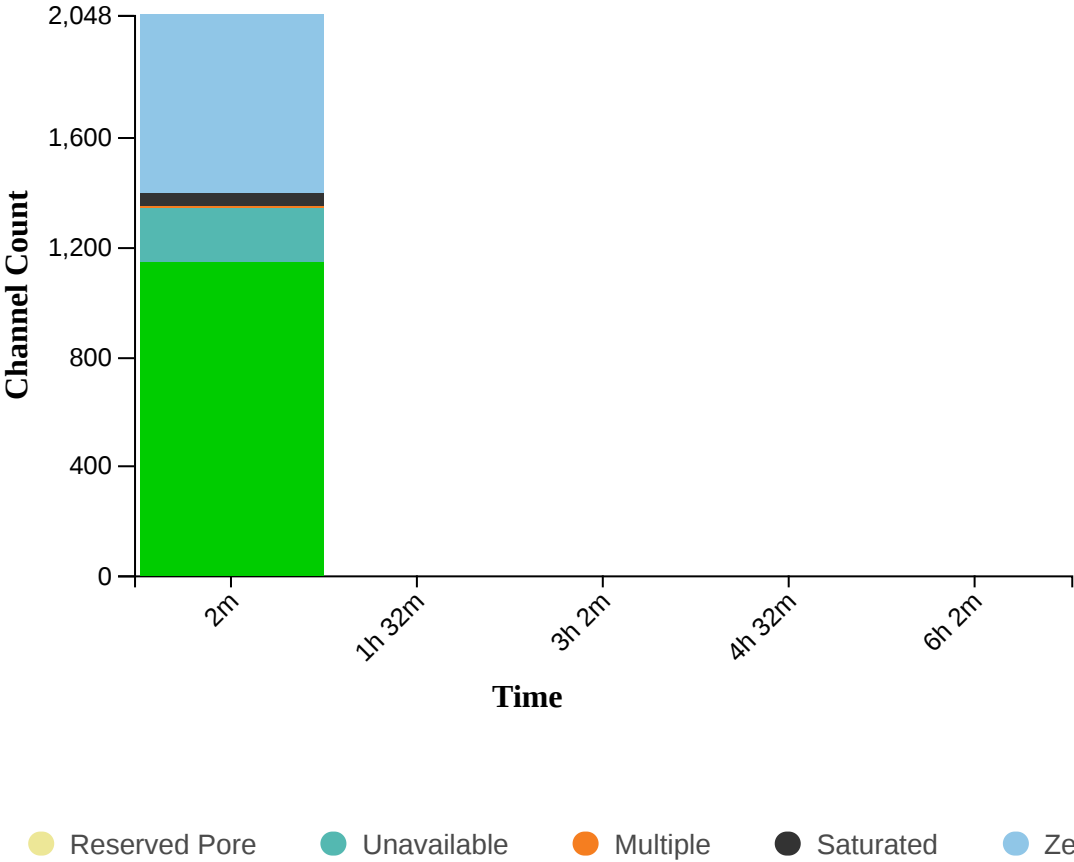
Duty time Categorised



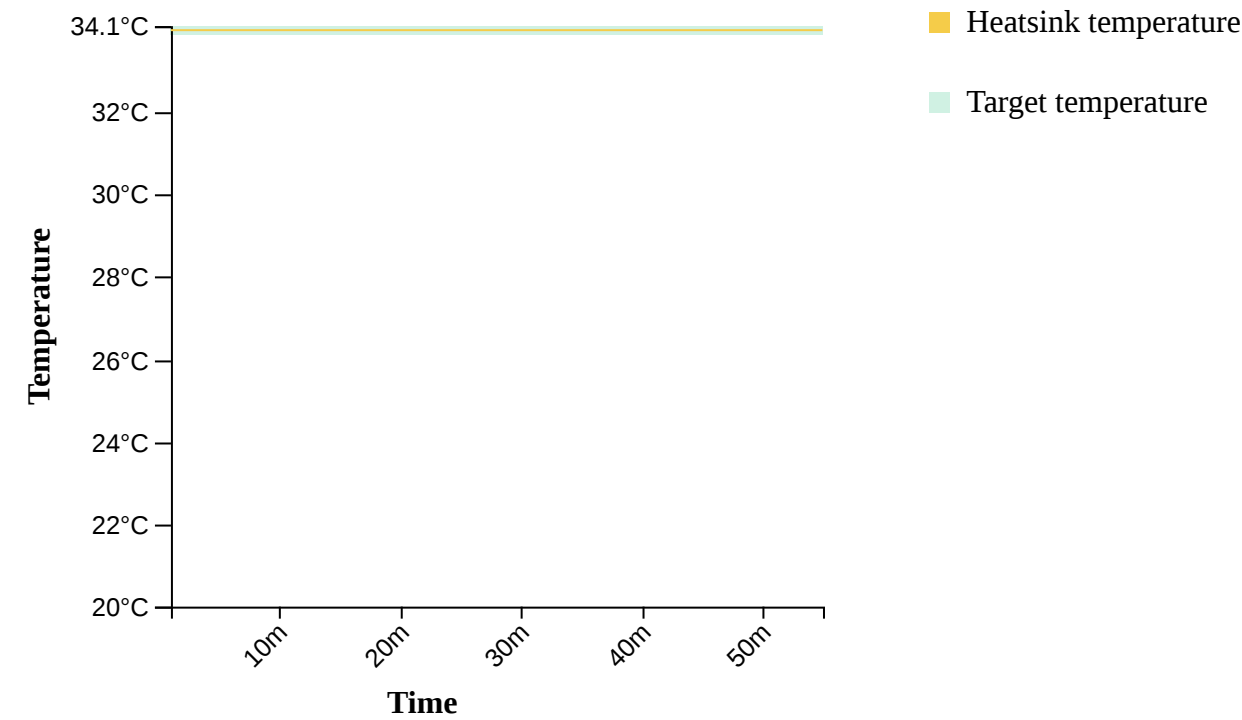
**Mux Scan Grouped**



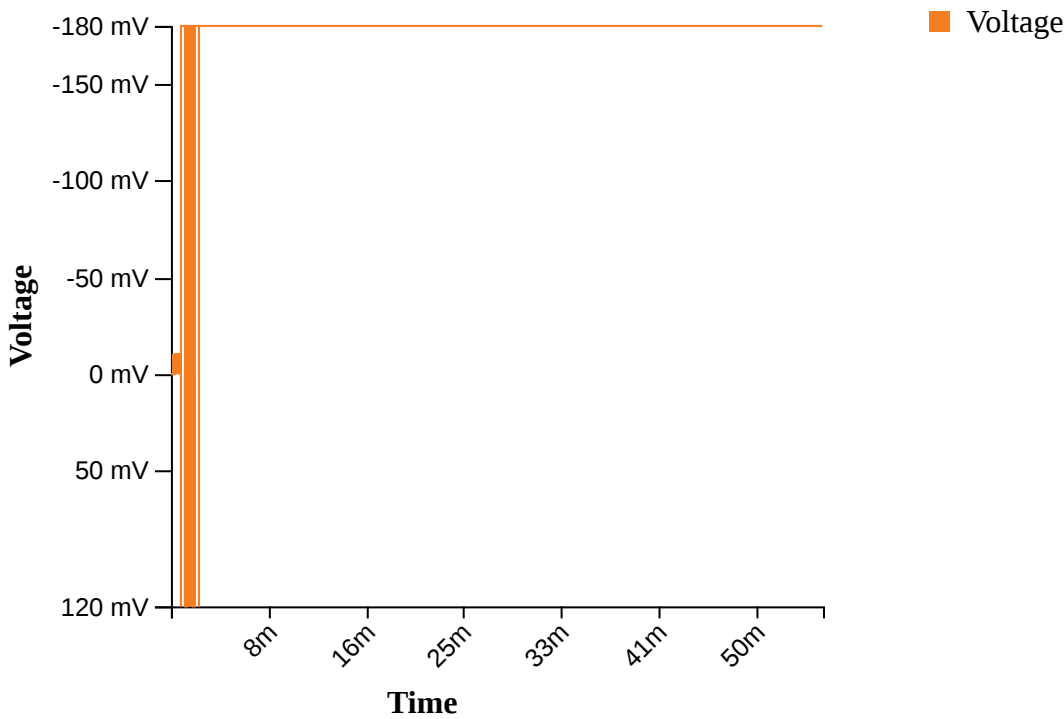
**Mux Scan Categorised**



**Temperature History.**

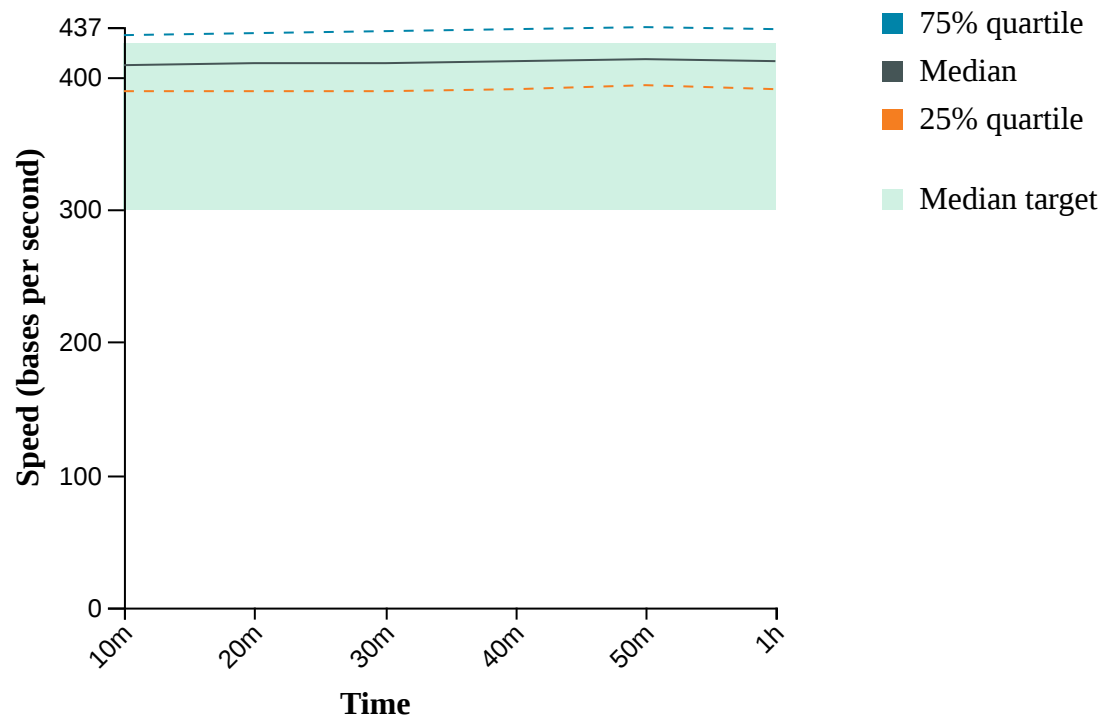


**Bias Voltage History.**

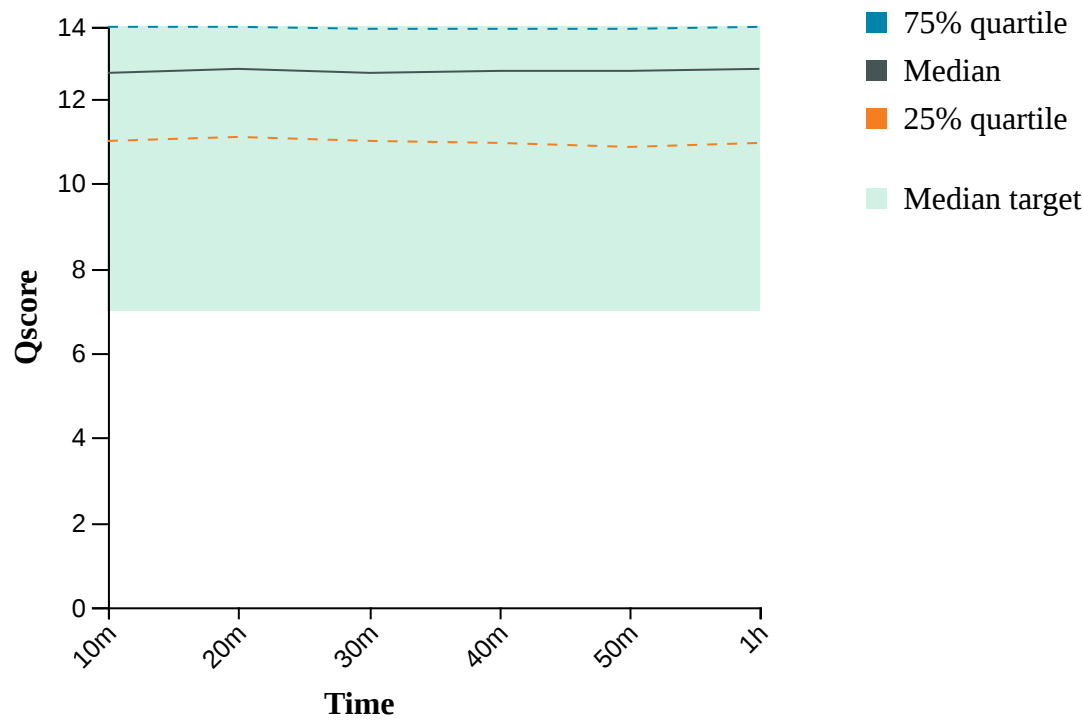




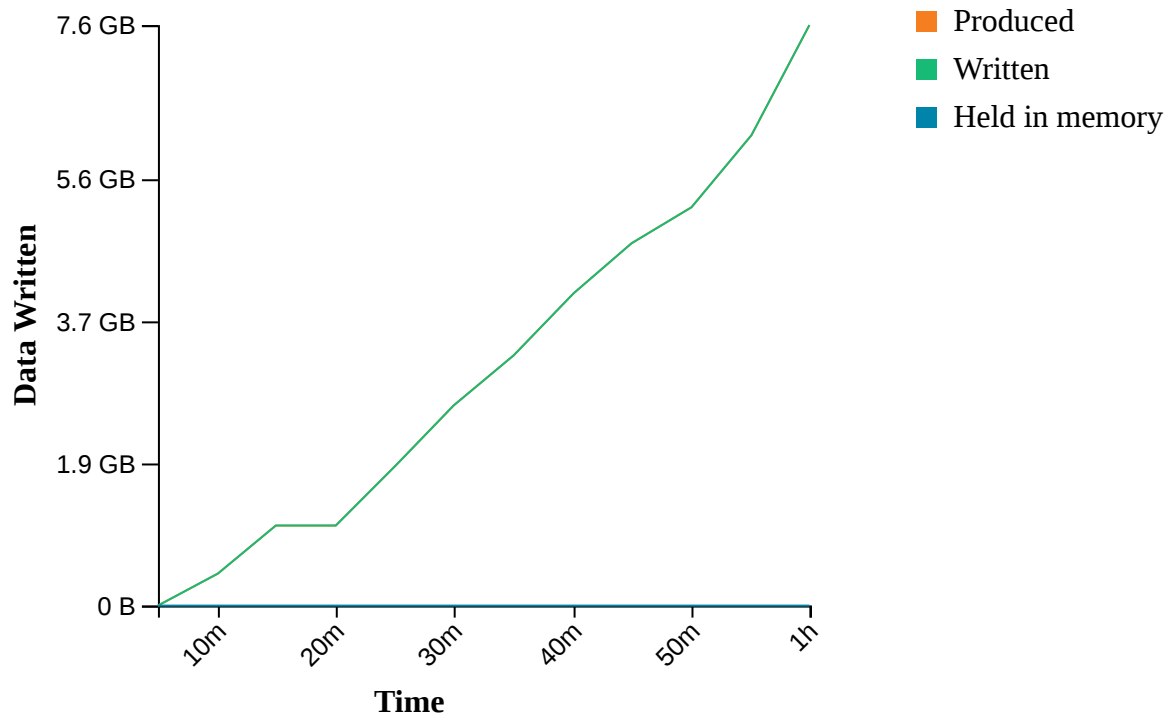
**Translocation Speed**



**QScore**



Disk Write Performance



### **Run Debug Messages**

- Mux scan for flow cell FAP14879 has found a total of 1147 pores. 491 pores available for immediate sequencing April 15, 09:57
- Performing Mux Scan April 15, 09:54
- Starting sequencing procedure April 15, 09:54
- Waiting up to 300 seconds for temperature to stabilise at 34.0°C April 15, 09:50