

PromethION 2 Solo P2S-01310-B Final report



17 de dez. de 24, 11:23 UTC-3:00 — 20 de dez. de 24, 12:27 UTC-3:00 ·
Aflosc_genome_ULRnanopore · Aflosc_run1 · P2S-01310-B
Protocol run ID: bb70e90f-5b66-4805-b0e2-e28675d2d3fa

[Run summary](#) | [Run configuration](#) | [Sequence output](#) | [Run health](#) | [Run log](#)

^ Run summary

DATA OUTPUT

Estimated bases

11.75 Gb

Reads generated

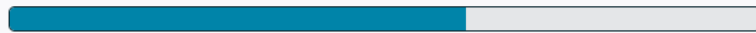
171.61 k

Estimated N50

596.82 kb

RUN DURATION

Run time



73 hrs 1 min / 120 hrs 0 mins

Elapsed time Run limit

Run status

STOPPED · By user

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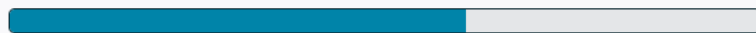
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Run configuration

Run Setup

Flow cell type	FLO-PRO114M
Flow cell type alias	FLO-PRO114M
Flow cell ID	PAS53393
Kit type	SQK-ULK114

Run Settings

Run limit	120 hrs
Pore scan freq.	1.5 hrs
Reserved pores	On
Basecalling	Off
Modified basecalling	Off

Data Output Settings

FAST5 output	Off
FASTQ data output	Off
POD5 data output	One file per hour, or 500000000 bases per batch
BAM file output	Off
Bulk file output	Off
Data location	C:\data\Aflosc_genome_UL Rnanopore/Aflosc_run1/2024 1217_0823_P2S-01310- B_PAS53393_bb70e90f

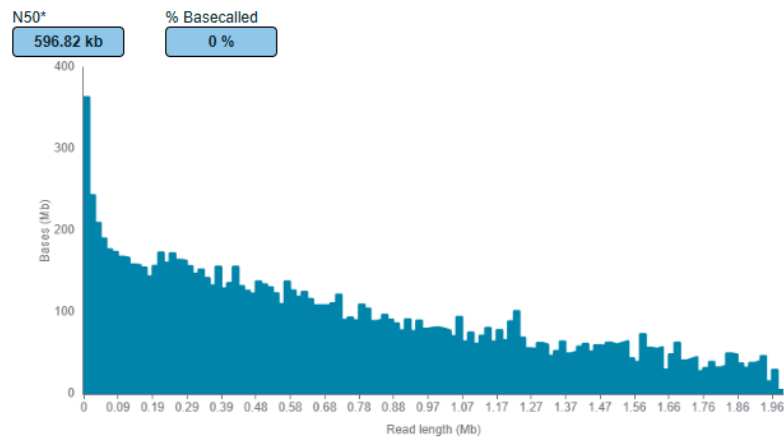
Software Versions

MinKNOW	24.11.8
Bream	8.2.5
Configuration	6.2.12
Dorado	7.6.7
MinKNOW Core	6.2.6

Sequence output

Read Lengths · Outliers Removed

The read length graph shows the total number of bases vs the read length. The longest 1% of strands are classified as outliers, and excluded to allow focus on the main body of data.



Outliers

The longest 1% of strands are classified as outliers, and aggregated into groups to show their relative amounts.

Read length (Mb)	Bases (Mb)
1.966 - 2.097	76.4
2.097 - 2.228	36.51
2.228 - 2.327	4.6

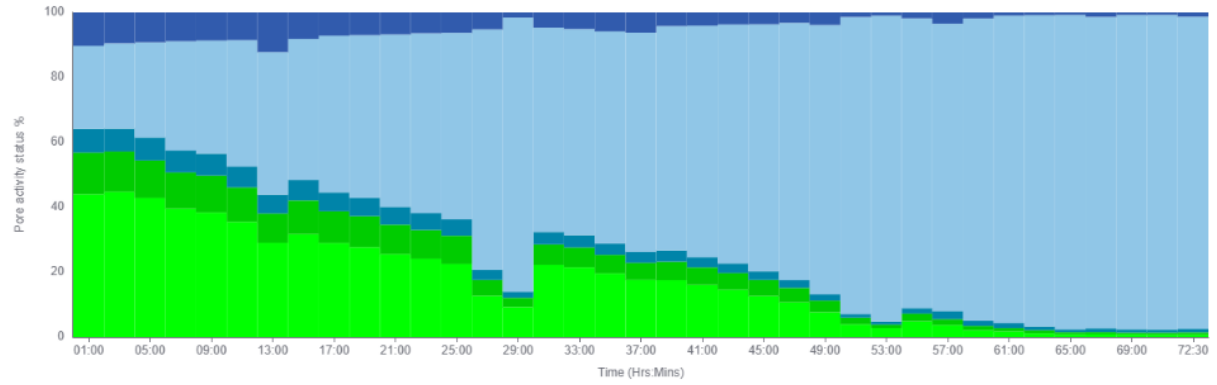
PORE ACTIVITY

The Pore activity graph shows the performance of your sample as it is being sequenced during a run.

Show grouped

Legend

- Sequencing
Pore currently sequencing
- Pore available
Pore available for sequencing
- Unavailable
Pore currently unavailable for sequencing
- Inactive
Pore no longer suitable for further sequencing
- Unclassified
Pore status unknown

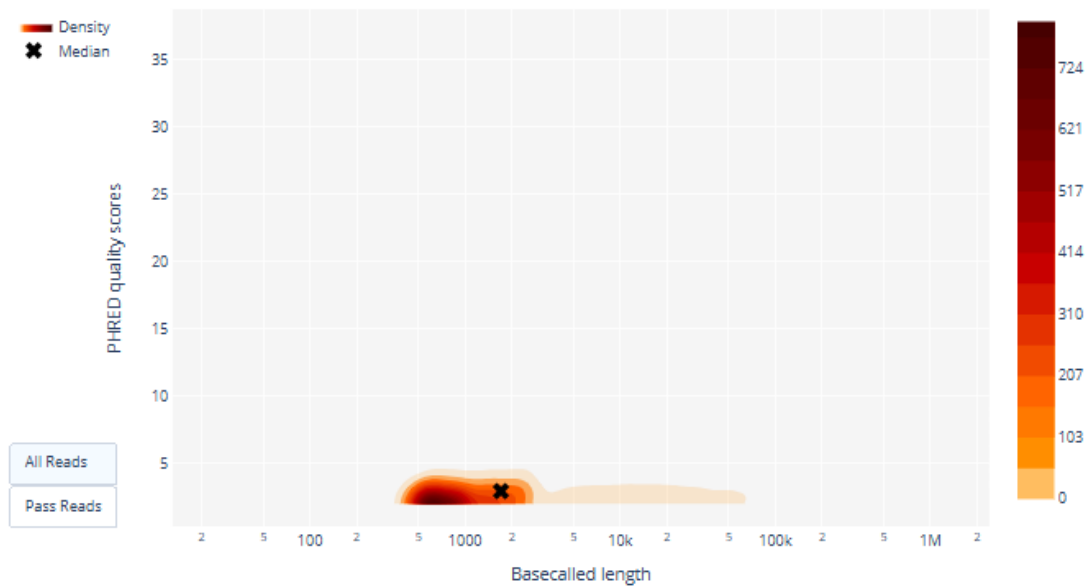


Basecalled

All Reads	Reads	Bases	Med Read Length	N50 Length	Med Read Quality	Active Channels	Run Duration (h)
Pass Reads	172,333	7,072,642,896	1,706.00	380,422.00	2.92	2,602	72.95

All Reads	Reads	Bases	Med Read Length	N50 Length	Med Read Quality	Active Channels	Run Duration (h)
Pass Reads	15,579	147,898,896	3,287.00	23,124.00	17.87	2,442	72.74

Basecalled reads length vs reads PHRED quality



Basecalled reads length vs reads PHRED quality

