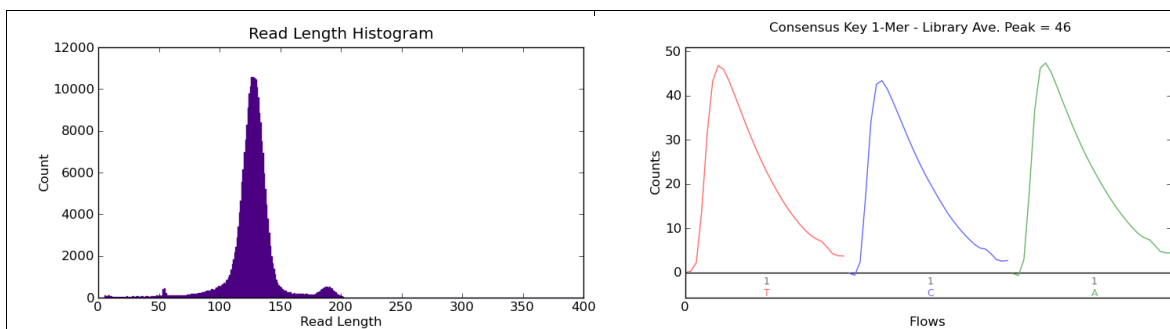


# Report for Auto\_UNC-21\_23

## Library Summary

### Based on Predicted Per-Base Quality Scores - Independent of Alignment

Total Number of Bases [Mbp]	31.49
▶ Number of Q17 Bases [Mbp]	24.33
▶ Number of Q20 Bases [Mbp]	21.50
Total Number of Reads	249,348
Mean Length [bp]	126
Longest Read [bp]	202



### Reference Genome Information

There was an alignment error. For details see the [Report Log](#)

alignmentQC returned with error code: 2

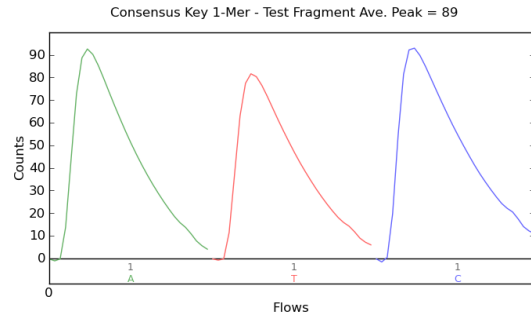
Unable to process alignment for genome, because the **none** reference library was not found.

### Read Alignment Distribution

## Test Fragment Report

### Test Fragment Summary

Test Fragment	Percent (50AQ17 / Num)
TF_A	78%
TF_D	93%

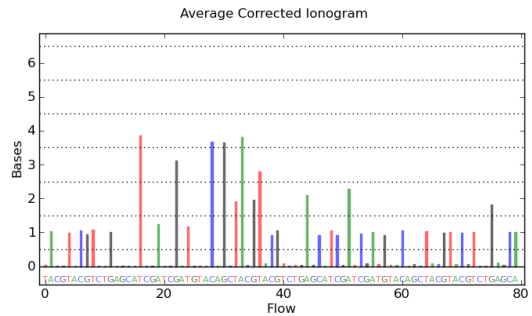
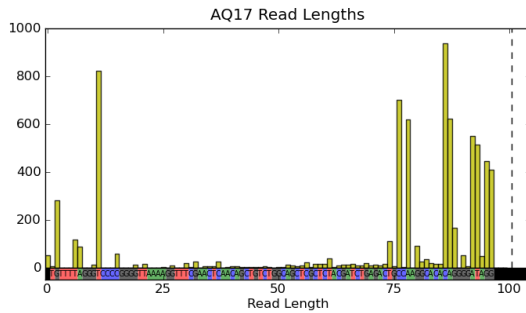


### Test Fragment - TF\_A

#### Quality Metrics

TF Name	TF_A
TF Seq	TGTTTTAGGGTCCCCGGGGTTAAAGGTTTCGAACTCAACAGCTGTCTGG CAGCTCGCTCTACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	7,287
Avg Q17 read length	69
50AQ17	5,680

#### Graphs

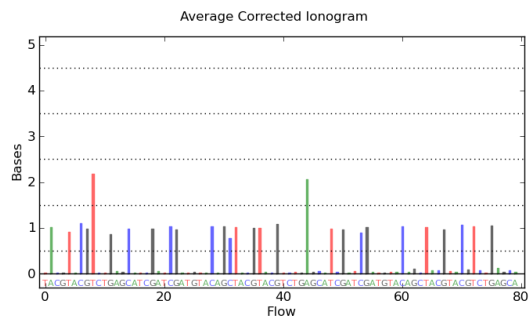


### Test Fragment - TF\_D

#### Quality Metrics

TF Name	TF_D
TF Seq	TTGCGCGGCTGTGAATGCGCTGCTGTGCGAATCGCGCTGGCTGAACGTC GCGTGCGCGAACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	10,901
Avg Q17 read length	83
50AQ17	10,137

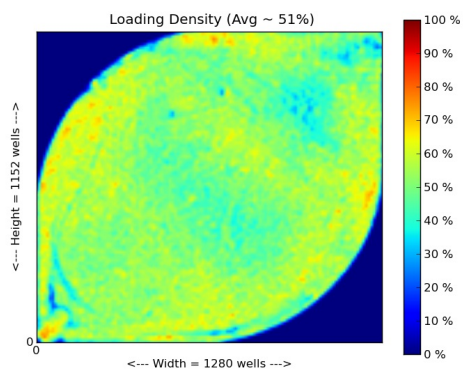
#### Graphs



## Ion Sphere™ Particle (ISP) Identification Summary

	Count	Percentage
Total Addressable Wells	1,262,519	
▸ Wells with ISPs	663,679	53%
▸ Live ISPs	494,475	75%
▸ Test Fragment ISPs	19,635	4%
▸ Library ISPs	474,840	96%

	Count	Percentage
Library ISPs / Percent Enrichment	474,840	74%
▸ Filtered: Polyclonal	118,217	25%
▸ Filtered: Primer dimer	15,257	3%
▸ Filtered: Low quality	92,018	19%
▸ <b>Final Library Reads</b>	<b>249,348</b>	<b>53%</b>



## Report Information

### Analysis Info

Run Name	R_2011_11_29_16_35_14_user_UNC-21
Run Date	2011-11-29 16:35:14
Analysis Name	Auto_UNC-21_23
Analysis Date	2011-11-29
Analysis Cycles	65
Analysis Flows	260
Project	class1
Sample	bean1-2
Library	none
PGM	UNCCpgm1
Chip Check	Passed
Chip Type	314R
Chip Data	single
Notes	
Barcode Set	
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG

### Software Version

<b>Torrent Suite</b>	<b>1.5.1</b>
host	3WCDFP1
ion-alignment	1.49-4
ion-analysis	1.62-10
ion-dbreports	1.116-19
ion-docs	1.34-7
ion-gpu	1.2-1
ion-pgmupdates	1.3-3
ion-plugins	1.11-23
ion-referencelibrary	1.6-2
ion-rsmts	0.12-1
ion-sampledata	1.2-0
ion-torrentR	0.35-5
ion-tsconfig	1.7-4
ion-usbmount	0.0.19.1ion1
tmap	0.1.3-1

## File Links

[Library Sequence \(SFF\)](#)

[Library Sequence \(FASTQ\)](#)

[Full Library Alignments \(BAM\)](#)



[Full Library Alignments \(BAI\)](#)

[Test Fragments \(SFF\)](#)

[PDF of this Report](#)

[Customer Support Archive](#)

**Plugin Summary**

 **Select Plugins To Run** **Refresh Plugin Status**