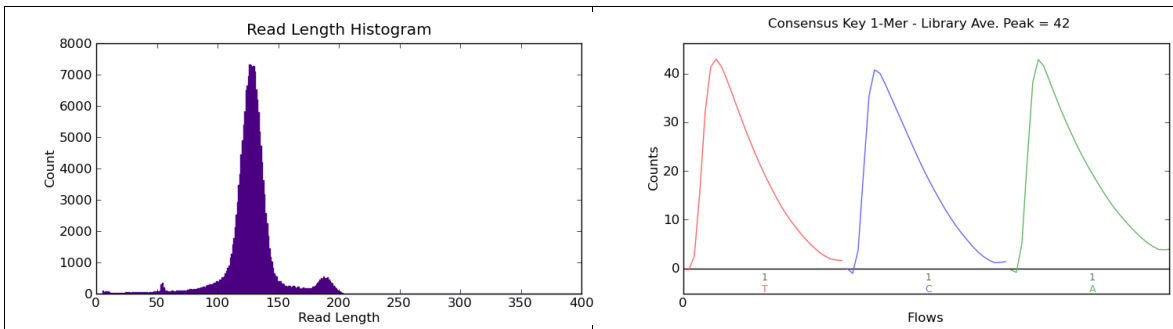


Report for Auto_UNC-18_20

Library Summary

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

Total Number of Bases [Mbp]	22.98
▶ Number of Q17 Bases [Mbp]	16.83
▶ Number of Q20 Bases [Mbp]	14.64
Total Number of Reads	180,523
Mean Length [bp]	127
Longest Read [bp]	202



Reference Genome Information

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

alignmentQC returned with error code: 2

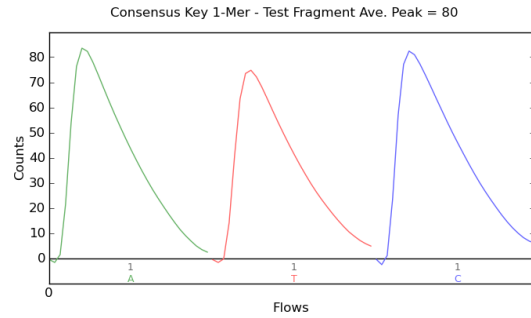
Unable to process alignment for genome, because the **none** reference library was not found.

Read Alignment Distribution

Test Fragment Report

Test Fragment Summary

Test Fragment	Percent (50AQ17 / Num)
TF_A	80%
TF_D	88%

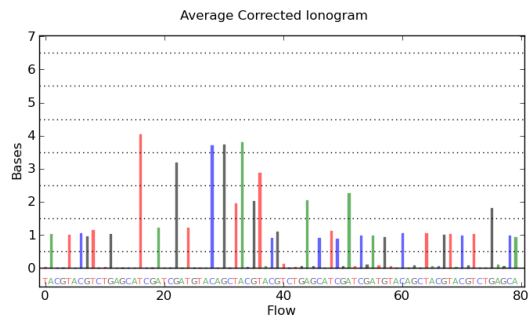
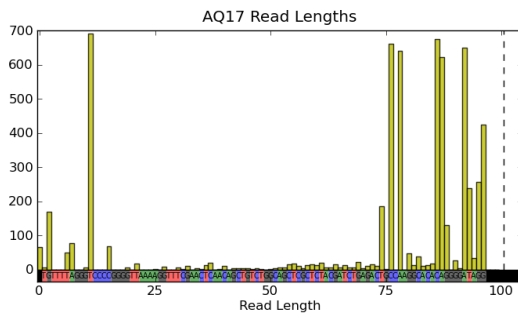


Test Fragment - TF_A

Quality Metrics

TF Name	TF_A
TF Seq	TGTTTTAGGGTCCCCGGGGTTAAAGGTTTCGAACTCAACAGCTGTCTGG CAGCTCGCTCTACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	6,211
Avg Q17 read length	70
50AQ17	4,951

Graphs

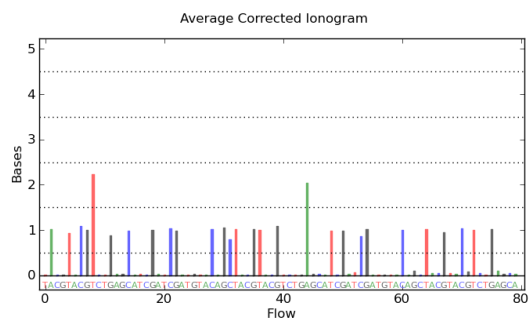


Test Fragment - TF_D

Quality Metrics

TF Name	TF_D
TF Seq	TTGCGCGGCTGTGAATGCGCTGCTGTGCGAATCGCGCTGGCTGAACGTC GCGTGCGGAACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	7,472
Avg Q17 read length	79
50AQ17	6,582

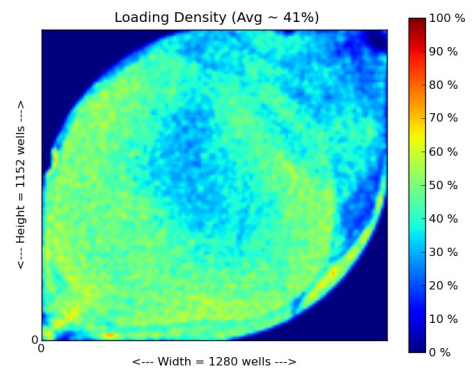
Graphs



Ion Sphere™ Particle (ISP) Identification Summary

	Count	Percentage
Total Addressable Wells	1,262,519	
▸ Wells with ISPs	521,602	41%
▸ Live ISPs	375,007	72%
▸ Test Fragment ISPs	15,002	4%
▸ Library ISPs	360,005	96%

	Count	Percentage
Library ISPs / Percent Enrichment	360,005	71%
▸ Filtered: Polyclonal	92,575	26%
▸ Filtered: Primer dimer	11,805	3%
▸ Filtered: Low quality	75,102	21%
▸ Final Library Reads	180,523	50%



Report Information

Analysis Info

Run Name	R_2011_11_28_17_41_10_user_UNC-18
Run Date	2011-11-28 17:41:10
Analysis Name	Auto_UNC-18_20
Analysis Date	2011-11-28
Analysis Cycles	65
Analysis Flows	260
Project	class1
Sample	bean1
Library	none
PGM	UNCCpgm1
Chip Check	Passed
Chip Type	314R
Chip Data	single
Notes	
Barcode Set	
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG



Software Version

Torrent Suite	1.5.1
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**