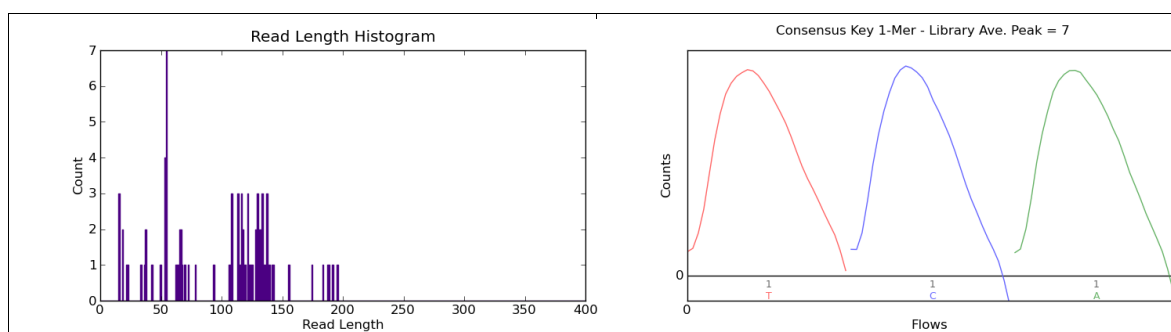


Report for Auto_UNC-19_21

Library Summary

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

Total Number of Bases [Mbp]	0.01
▶ Number of Q17 Bases [Mbp]	0.00
▶ Number of Q20 Bases [Mbp]	0.00
Total Number of Reads	87
Mean Length [bp]	98
Longest Read [bp]	195



Reference Genome Information

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

alignmentQC returned with error code: 2

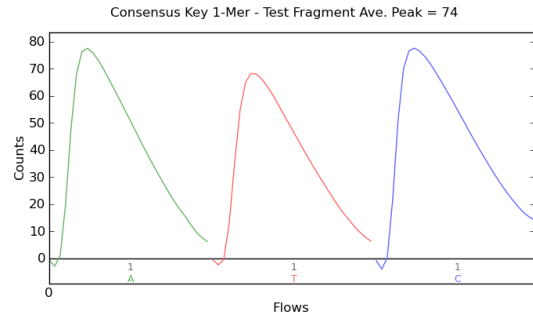
Unable to process alignment for genome, because the **none** reference library was not found.

Read Alignment Distribution

Test Fragment Report

Test Fragment Summary

Test Fragment	Percent (50AQ17 / Num)
TF_A	69%
TF_D	87%

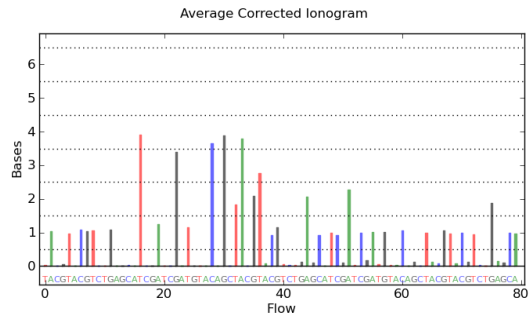
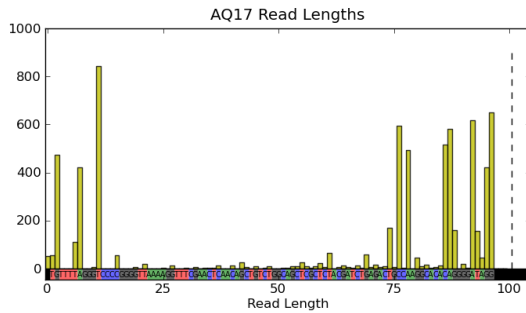


Test Fragment - TF_A

Quality Metrics

TF Name	TF_A
TF Seq	TGTTTtagggTCCCCGGGGTTAAAGGTTTCGAACTCAACAGCTGTCTGG CAGCTCGCTCTACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	7,070
Avg Q17 read length	62
50AQ17	4,884

Graphs

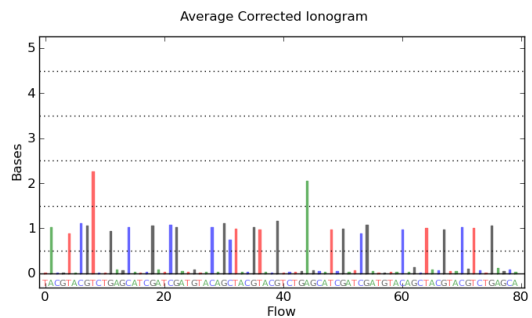
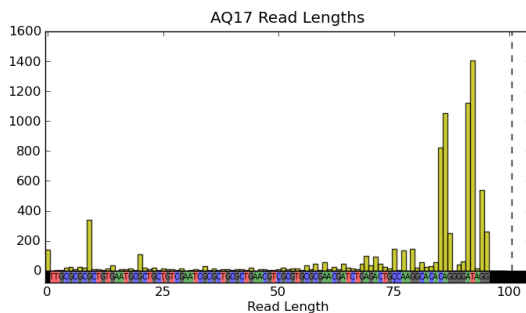


Test Fragment - TF_D

Quality Metrics

TF Name	TF_D
TF Seq	TTGCGCGGCTGTGAATGCGCTGCTGTGCGAATCGCGCTGGCTGAACGTC GCGTGC CGAACGATCTGAGACTGCCAAGGCACACAGGGGATAGG
Num	7,979
Avg Q17 read length	77
50AQ17	6,913

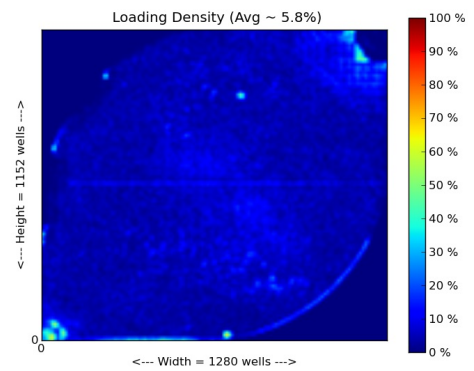
Graphs



Ion Sphere™ Particle (ISP) Identification Summary

	Count	Percentage
Total Addressable Wells	1,262,519	
▸ Wells with ISPs	72,115	6%
▸ Live ISPs	30,970	43%
▸ Test Fragment ISPs	17,920	58%
▸ Library ISPs	13,050	42%

	Count	Percentage
Library ISPs / Percent Enrichment	13,050	24%
▸ Filtered: Polyclonal	0	<1%
▸ Filtered: Primer dimer	1	<1%
▸ Filtered: Low quality	12,962	99%
▸ Final Library Reads	87	<1%



Report Information

Analysis Info

Run Name	R_2011_11_28_23_30_43_user_UNC-19
Run Date	2011-11-28 23:30:43
Analysis Name	Auto_UNC-19_21
Analysis Date	2011-11-28
Analysis Cycles	65
Analysis Flows	260
Project	class1
Sample	bean5
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**