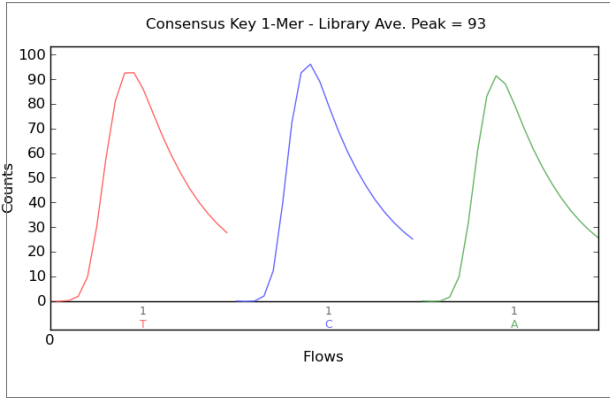
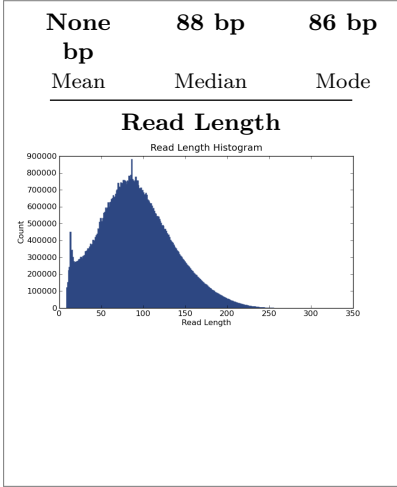
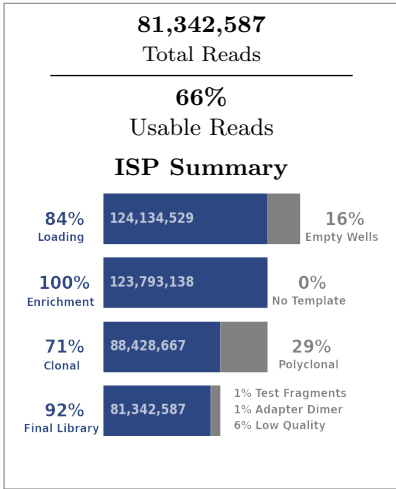
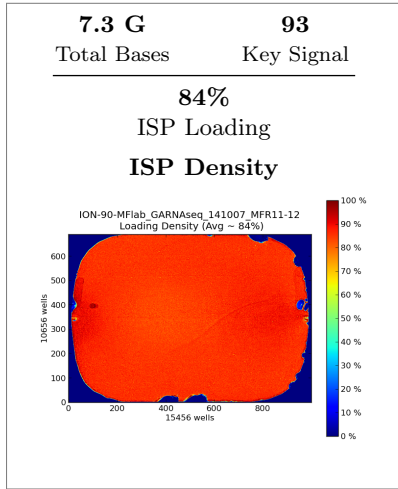


Run Summary



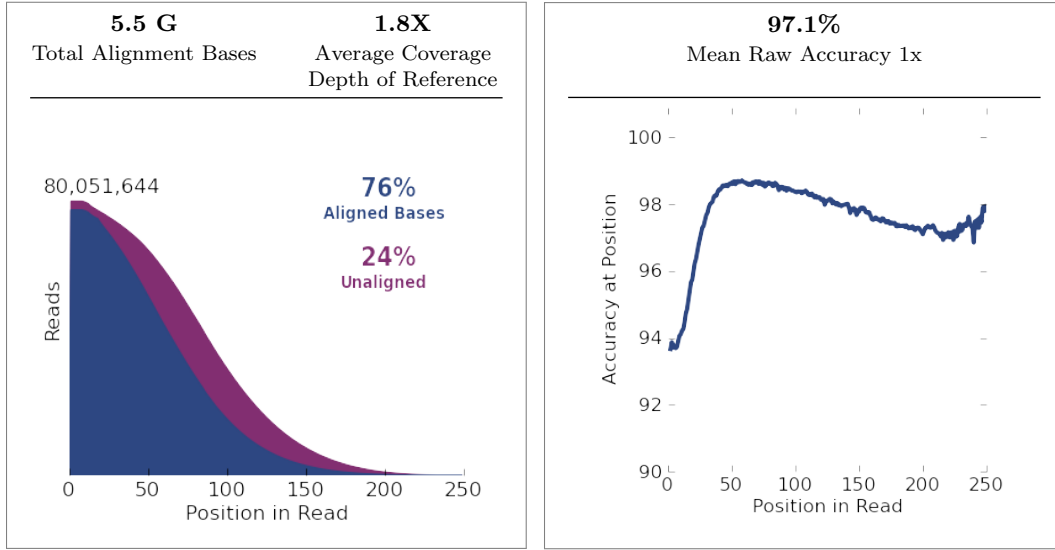
Addressable Wells	148,603,956	
With ISPs	124,134,529	83.5%
Live	123,793,138	99.7%
Test Fragment	1,249,743	01.0%
Library	122,543,395	99.0%
Library ISPs	122,543,395	
Filtered: Polyclonal	35,364,471	28.9%
Filtered: Low Quality	5,145,306	04.2%
Filtered: Primer Dimer	716,646	00.6%
Final Library ISPs	81,342,587	66.4%

Notes: MFlab_GA4RNAseqSamples_MFR11-A-SCAN7-BC1_MFR12-B-SCAN1-BC3

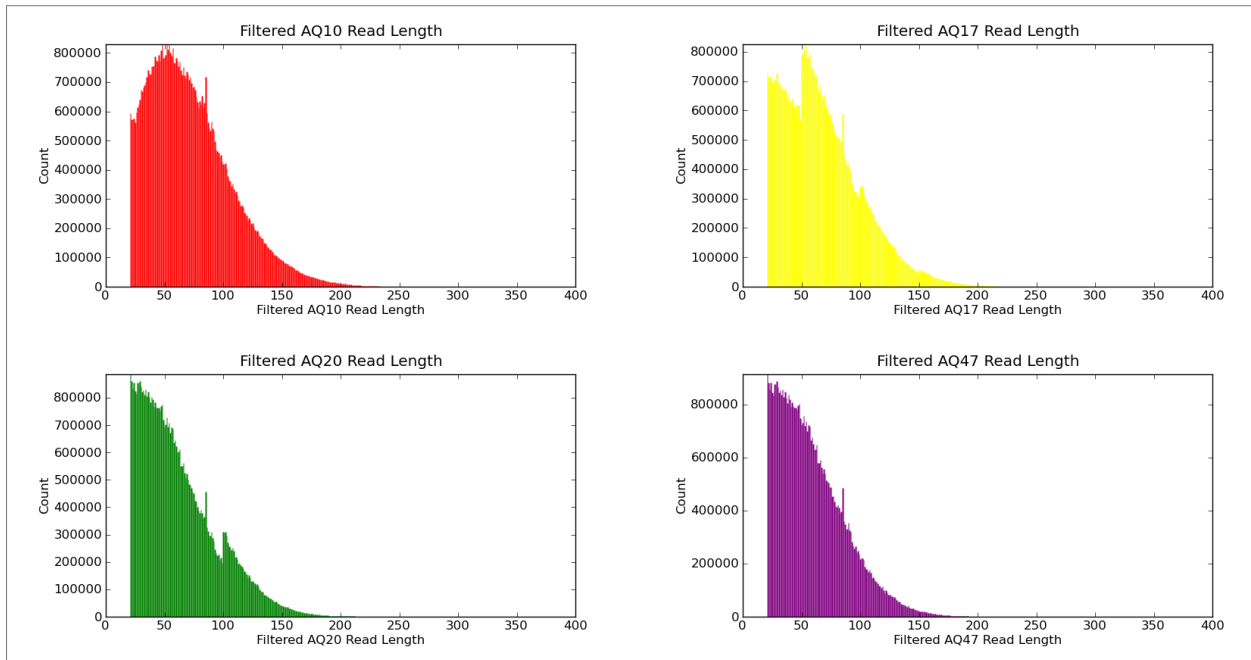
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	126,400,876	103,562,741	1,274,785	99 bp
IonXpressRNA_001	MFR11	3,156,043,382	2,736,800,582	38,396,874	82 bp
IonXpressRNA_003	MFR12	4,102,635,215	3,568,526,770	41,654,770	98 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,090,011	79%	

Alignment Summary *(aligned to Homo sapiens)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	3.8 G	3.3 G	3.1 G
Mean Length [bp]	67	62	58
Longest Alignment [bp]	282	268	262
Mean Coverage Depth	1.3	1.1	1.0



Analysis Details

Run Name	R_2014_10_07_11_36_34_user_ION-90-MFlab_GARNaseq_141007_MFR11-12
Run Date	Oct. 7, 2014, 11:38 a.m.
Run Flows	500
Projects	MFlab_RNASeq
Sample	MFR12, MFR11
Reference	
PGM	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpressRNA
Analysis Name	Auto_user_ION-90-MFlab_GARNaseq_141007_MFR11-12_138
Analysis Date	Oct. 7, 2014, 6:08 p.m.
Analysis Flows	0
runID	Z9KM0

Software Version

Torrent_Suite	4.2.1
host	FW7DQV1
ion-analysis	4.2.18-1
ion-chefupdates	4.2.0
ion-dbreports	4.2.22-1
ion-gpu	4.2.2-1
ion-pipeline	4.2.12-1
ion-plugins	4.2.28-1
ion-protonupdates	4.2.2
ion-torrentr	4.2.1-1
LiveView	1835
DataCollect	2929
OIA	4201
OS	21
Graphics	34