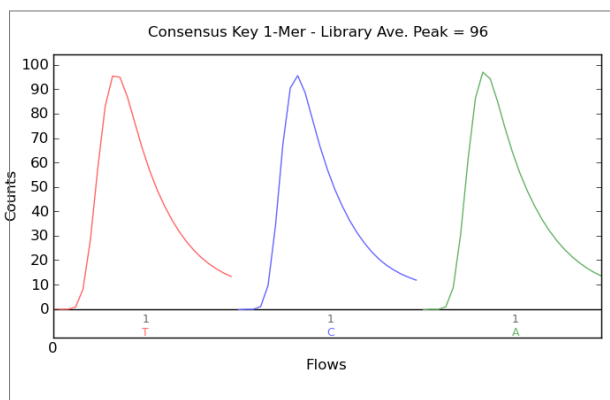
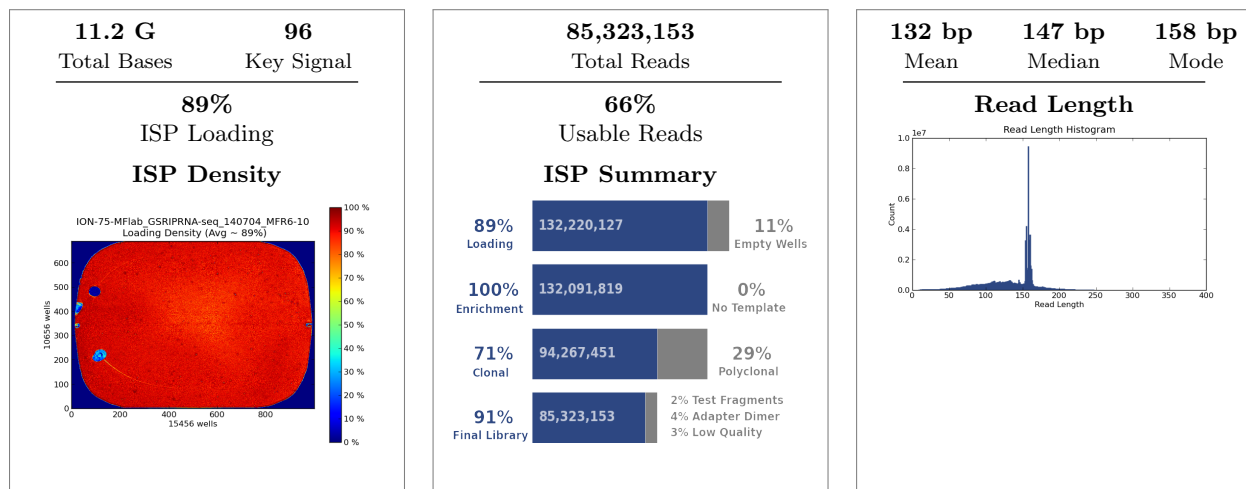


## Run Summary



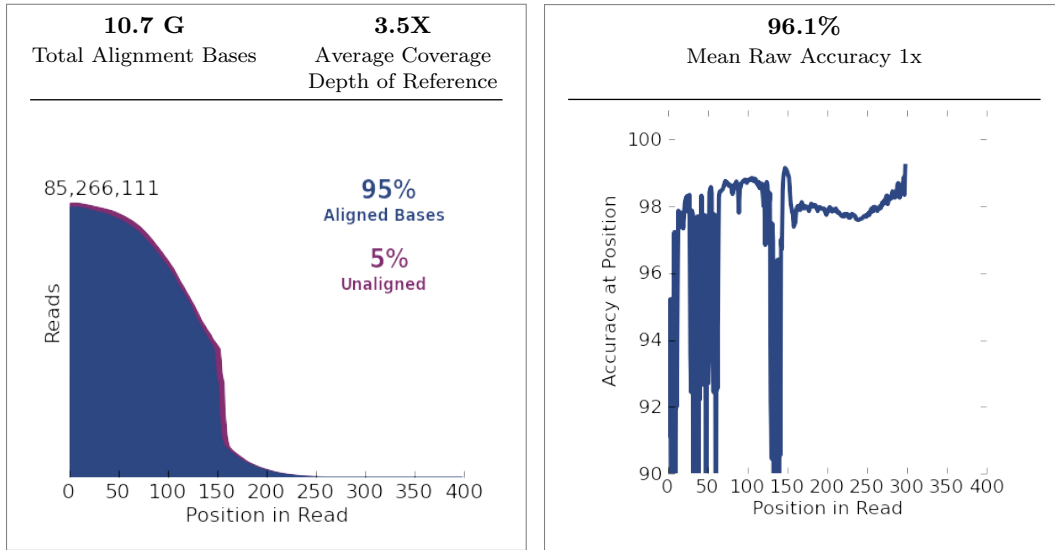
<b>Addressable Wells</b>	<b>148,603,956</b>	
With ISPs	132,220,127	89.0%
Live	132,091,819	99.9%
Test Fragment	2,213,880	01.7%
Library	129,877,939	98.3%
<b>Library ISPs</b>	<b>129,877,939</b>	
Filtered: Polyclonal	37,824,368	29.1%
Filtered: Low Quality	2,999,109	02.3%
Filtered: Primer Dimer	3,734,479	02.9%
<b>Final Library ISPs</b>	<b>85,323,153</b>	<b>65.7%</b>

Notes: MFlab\_GS-6RIPRNAs\_MFR6-102CSBa-BC3\_MFR7-102CSBb-BC4\_MFR8-101IgG-BC5\_MFR9-1015094-BC6\_MFR10-101A1-BC7

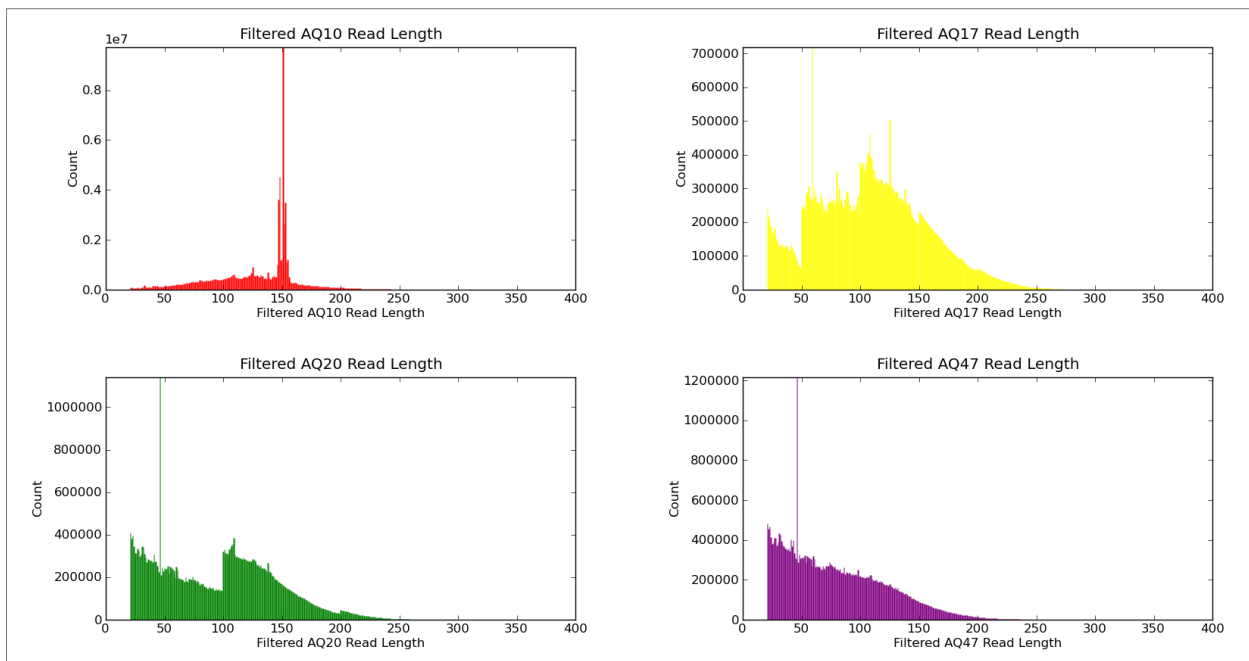
Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	None	109,131,174	91,207,662	790,431	138 bp
IonXpressRNA_003	MFR6	2,140,477,018	1,892,748,463	16,920,466	126 bp
IonXpressRNA_004	MFR7	1,873,282,031	1,644,578,706	14,196,412	131 bp
IonXpressRNA_005	MFR8	2,552,003,218	2,247,147,830	19,142,691	133 bp
IonXpressRNA_006	MFR9	2,411,732,067	2,124,836,173	18,420,535	130 bp
IonXpressRNA_007	MFR10	2,192,554,901	1,940,988,080	15,795,575	138 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>1,701,573</b>	<b>85%</b>	

## Alignment Summary (*aligned to Homo sapiens*)



	AQ17	AQ20	Perfect
<b>Total Number of Bases [Mbp]</b>	4.4 G	3.5 G	2.8 G
<b>Mean Length [bp]</b>	108	95	78
<b>Longest Alignment [bp]</b>	329	316	301
<b>Mean Coverage Depth</b>	1.4	1.2	0.9



## Analysis Details

<b>Run Name</b>	R_2014.07.04_05.32.35_user_ION-75-MFlab_GSRIPRNA-seq_140704_MFR6-10
<b>Run Date</b>	July 4, 2014, 5:34 a.m.
<b>Run Flows</b>	520
<b>Projects</b>	MFLab_RNASeq
<b>Sample</b>	MFR9, MFR8, MFR7, MFR6, MFR10
<b>Reference</b>	
<b>PGM</b>	IONAS
<b>Flow Order</b>	TACGTACGTCTGAGCATCGATCGATGTACAGC
<b>Library Key</b>	TCAG
<b>TF Key</b>	ATCG
<b>Chip Check</b>	Passed
<b>Chip Type</b>	P1.1.17
<b>Chip Data</b>	tiled
<b>Barcode Set</b>	IonXpressRNA
<b>Analysis Name</b>	Auto_user_ION-75-MFlab_GSRIPRNA-seq_140704_MFR6-10_104
<b>Analysis Date</b>	July 4, 2014, 9:06 p.m.
<b>Analysis Flows</b>	0
<b>runID</b>	CPQI0

## Software Version

<b>Torrent_Suite</b>	4.0.2
<b>host</b>	FW7DQV1
<b>ion-analysis</b>	4.0.6-1
<b>ion-dbreports</b>	4.0.39-1
<b>ion-gpu</b>	4.0.0-1
<b>ion-pipeline</b>	4.0.12-1
<b>ion-plugins</b>	4.0.37-1
<b>ion-protonupdates</b>	4.0.3
<b>ion-torrentr</b>	4.0.4-1
<b>LiveView</b>	1720
<b>DataCollect</b>	2801
<b>OIA</b>	4000
<b>OS</b>	17
<b>Graphics</b>	30