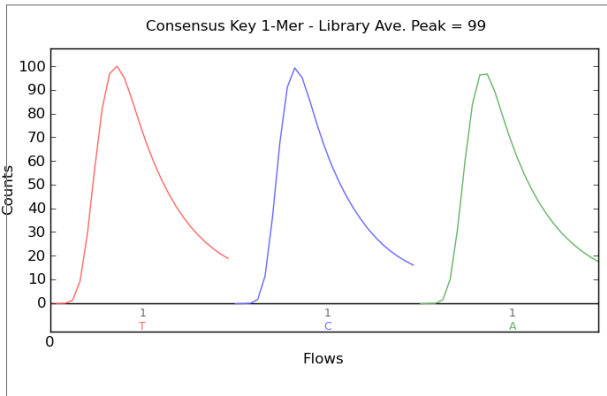
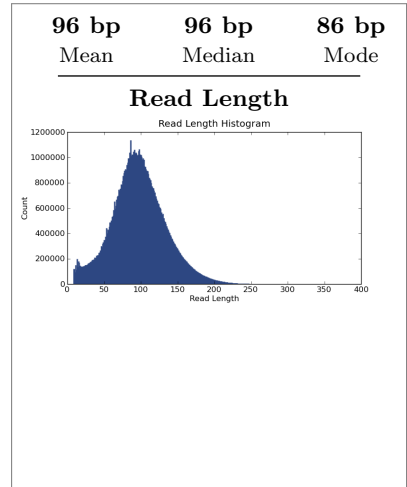
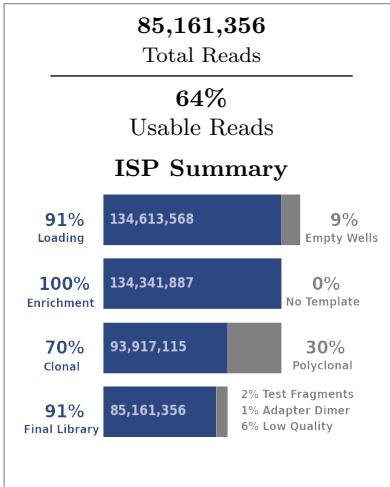
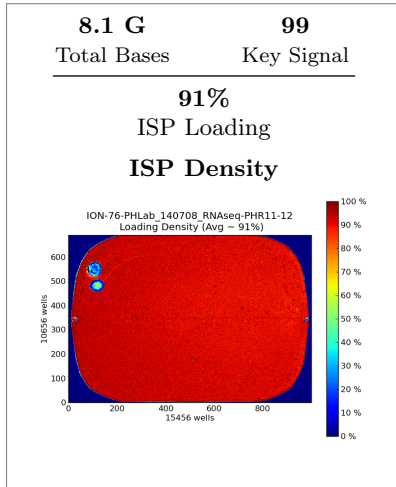


Run Summary



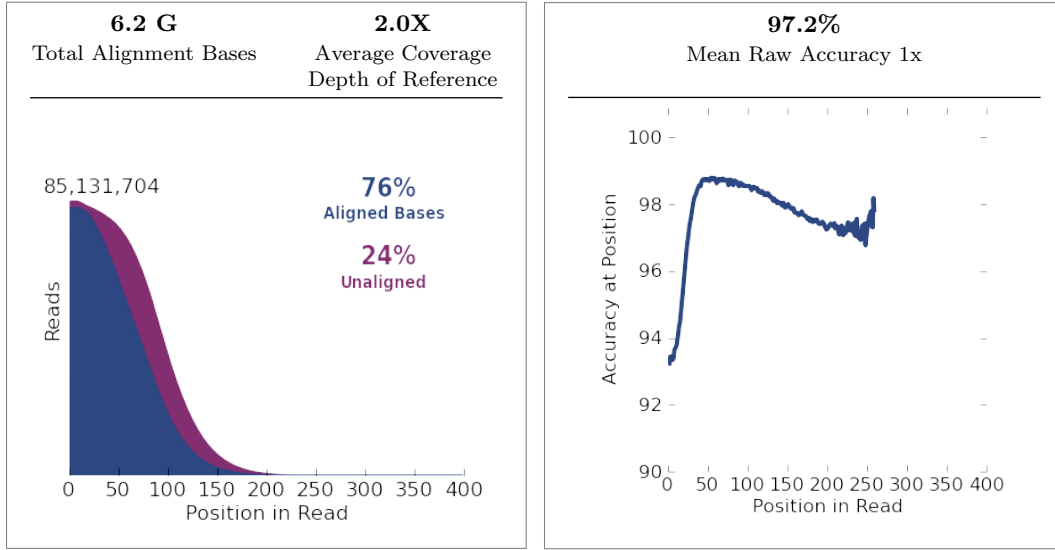
Addressable Wells	148,603,956	
With ISPs	134,613,568	90.6%
Live	134,341,887	99.8%
Test Fragment	1,916,516	01.4%
Library	132,425,371	98.6%
Library ISPs	132,425,371	
Filtered: Polyclonal	40,424,772	30.5%
Filtered: Low Quality	5,445,273	04.1%
Filtered: Primer Dimer	1,398,660	01.1%
Final Library ISPs	85,161,356	64.3%

Notes: PHlab_2RNAsamples_PHR11-Pb19con1-BC1_PHR12-Pb19dox1-BC3

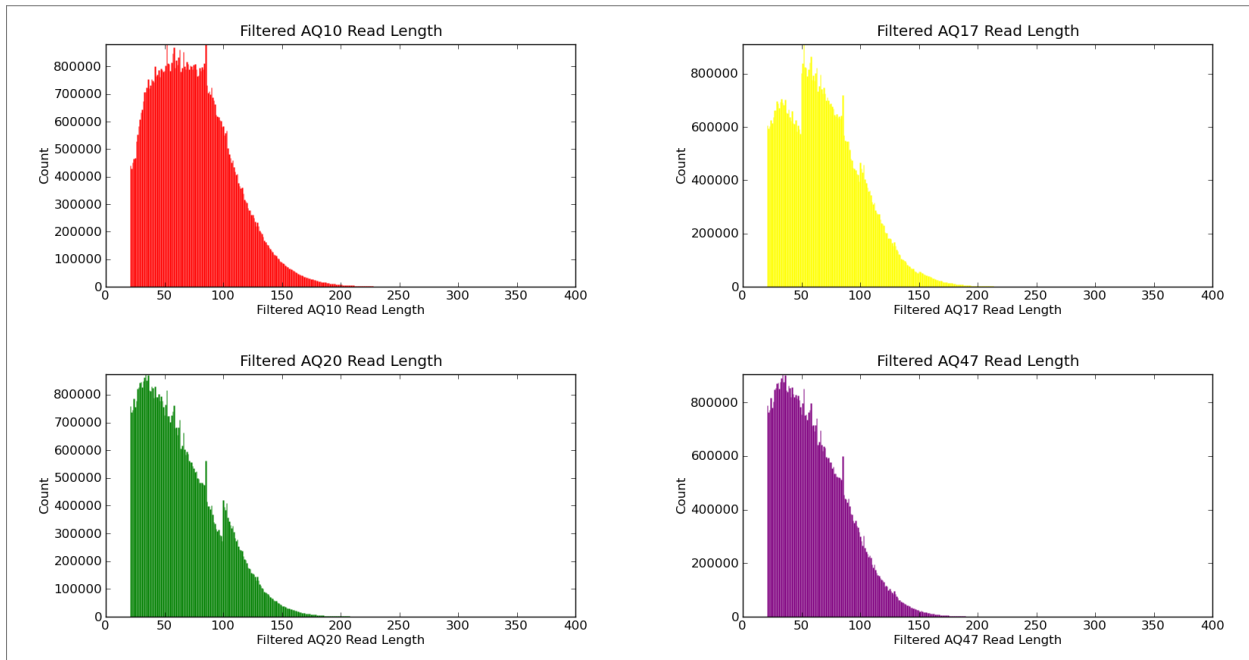
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	None	39,024,393	31,046,582	441,591	88 bp
IonXpressRNA_001	PHR11	3,605,035,271	3,151,638,199	37,205,840	96 bp
IonXpressRNA_003	PHR12	4,545,155,981	4,006,422,315	47,484,272	95 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,464,845	79%	

Alignment Summary (*aligned to Homo sapiens*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	4.4 G	3.9 G	3.6 G
Mean Length [bp]	69	64	61
Longest Alignment [bp]	292	292	269
Mean Coverage Depth	1.4	1.3	1.2



Analysis Details

Run Name	R_2014_07_08_05_31_06_user_ION-76-PHLab_140708_RNAseq-PHR11-12
Run Date	July 8, 2014, 5:33 a.m.
Run Flows	520
Projects	PHLab_RNASeq
Sample	PHR11, PHR12
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-76-PHLab_140708_RNAseq-PHR11-12_105
Analysis Date	July 8, 2014, 8:24 p.m.
Analysis Flows	0
runID	IYURP

Software Version

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