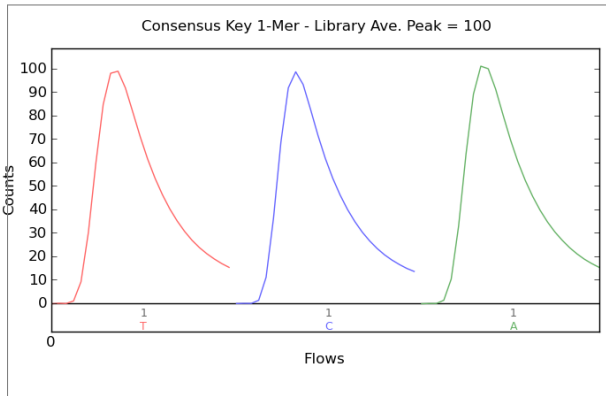
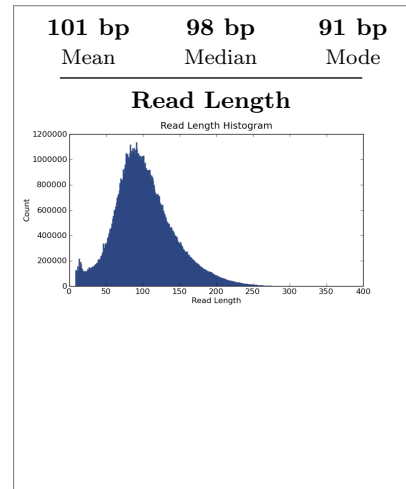
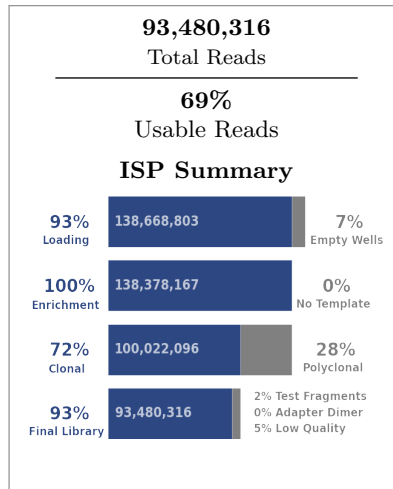
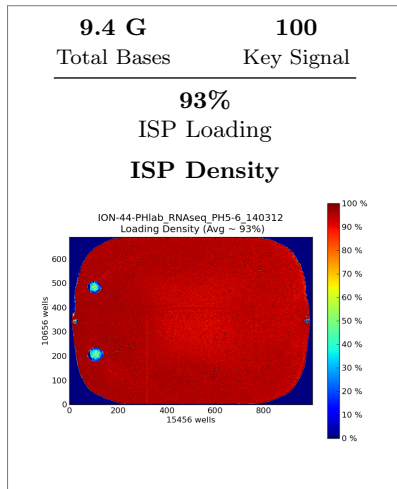


Run Summary



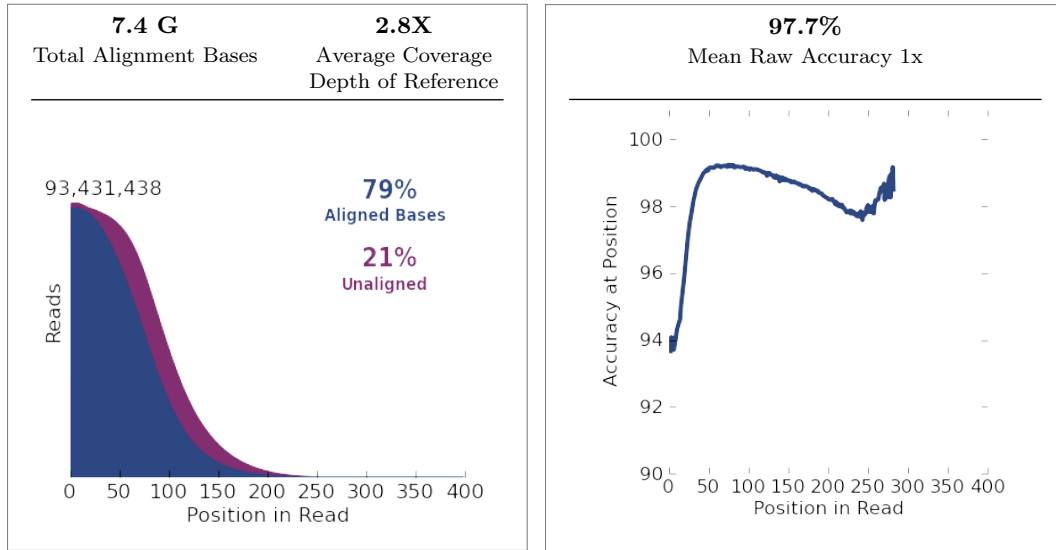
Addressable Wells	148,603,956	
With ISPs	138,668,803	93.3%
Live	138,378,167	99.8%
Test Fragment	2,858,301	02.1%
Library	135,519,866	97.9%
Library ISPs	135,519,866	
Filtered: Polyclonal	38,356,071	28.3%
Filtered: Low Quality	3,608,781	02.7%
Filtered: Primer Dimer	79,722	00.1%
Final Library ISPs	93,480,316	69.0%

Notes: PHLab_2samples_PH5-fraction2-villi-BC5_PH6-fraction6-crypts-BC6

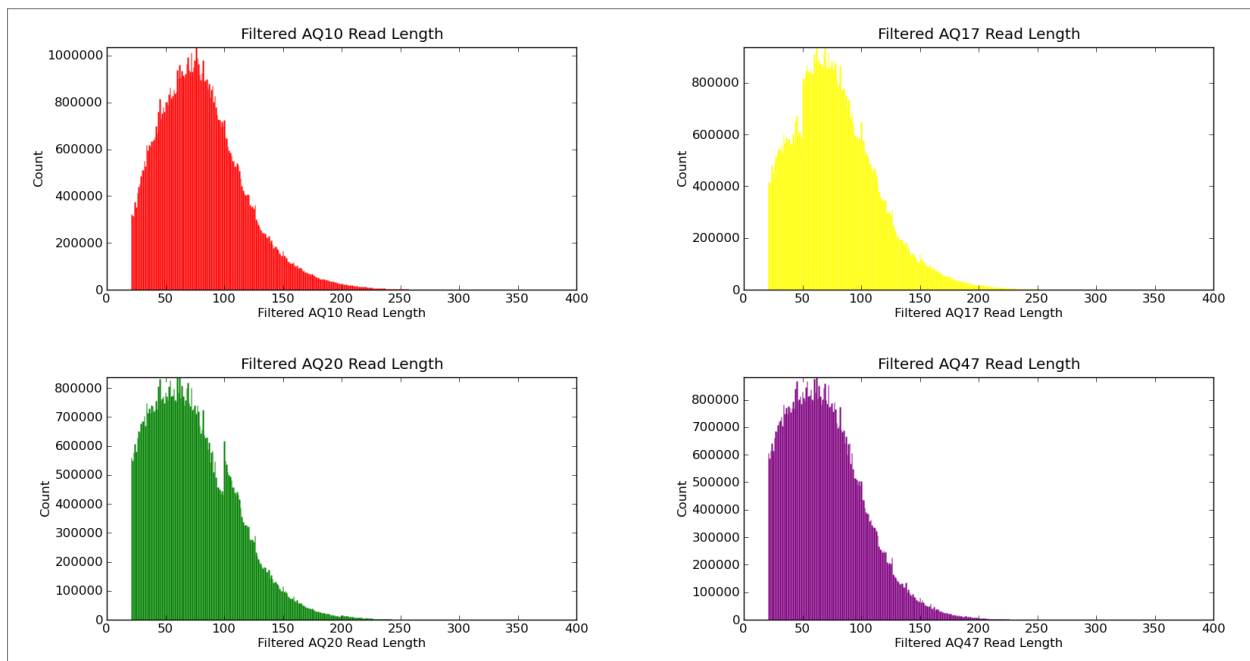
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	None	60,352,933	51,215,249	578,376	104 bp
IonXpressRNA_005	PH5-fr2	4,781,842,044	4,273,327,881	46,500,737	102 bp
IonXpressRNA_006	PH6-fr8	4,605,947,983	4,145,728,912	46,352,324	99 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	2,253,575	85%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	5.8 G	5.3 G	4.9 G
Mean Length [bp]	78	74	70
Longest Alignment [bp]	303	303	292
Mean Coverage Depth	2.2	2.0	1.9



Analysis Details

Run Name	R_2014.03_12_08.03_19_user_ION-44-PHlab_RNAseq_PH5-6_140312
Run Date	March 12, 2014, 8:05 a.m.
Run Flows	520
Projects	PHLab_RNASeq
Sample	PH5-fr2, PH6-fr8
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-44-PHlab_RNAseq_PH5-6_140312_70
Analysis Date	March 12, 2014, 10:29 p.m.
Analysis Flows	0
runID	9PVQR

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