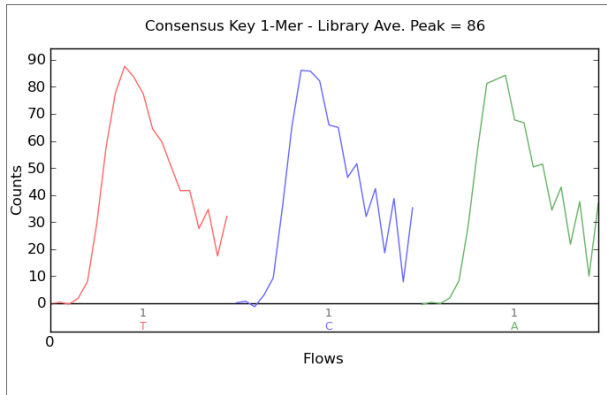
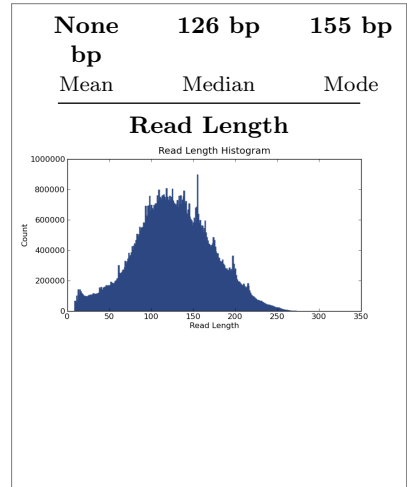
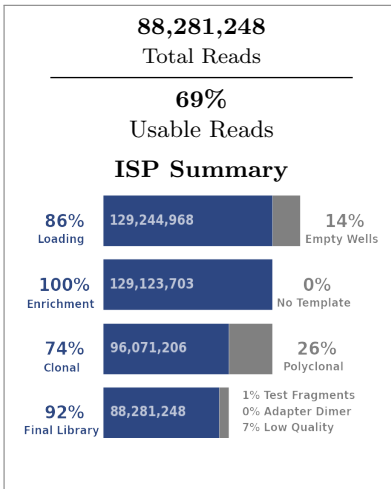
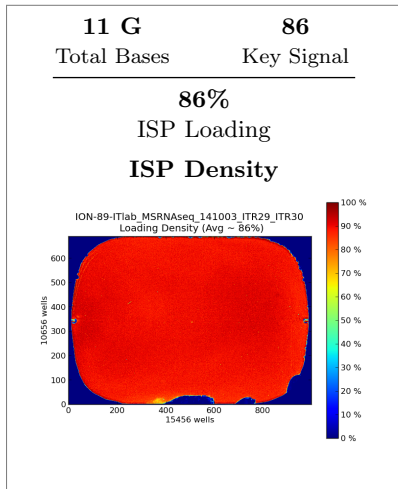


Run Summary



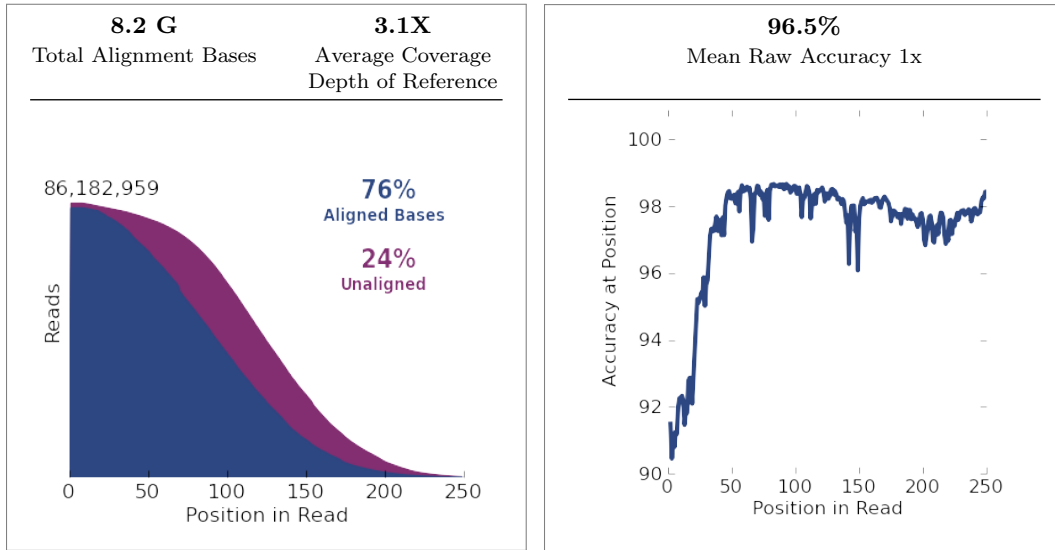
Addressable Wells	150,242,515	
With ISPs	129,244,968	86.0%
Live	129,123,703	99.9%
Test Fragment	1,183,355	00.9%
Library	127,940,348	99.1%
Library ISPs	127,940,348	
Filtered: Polyclonal	33,052,497	25.8%
Filtered: Low Quality	6,161,785	04.8%
Filtered: Primer Dimer	473,999	00.4%
Final Library ISPs	88,281,248	69.0%

Notes: ITlab_MS-4RNAseqSamples.ITR29-wt1P90-bc2.ITR30-wt2P90-bc5

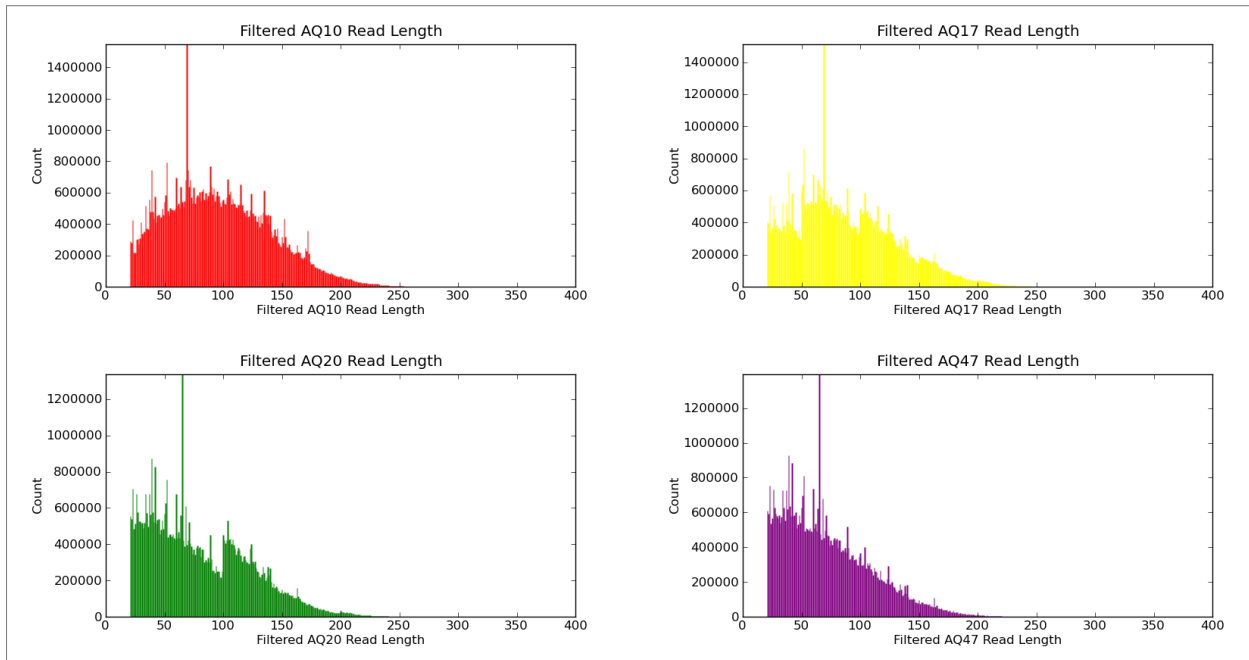
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	268,009,923	212,820,190	2,079,885	128 bp
IonXpressRNA_002	ITR29	6,253,874,636	5,240,853,368	45,237,198	138 bp
IonXpressRNA_005	ITR30	4,542,668,197	3,946,434,543	40,945,761	110 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,004,966	79%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	5.3 G	4.5 G	3.9 G
Mean Length [bp]	88	80	72
Longest Alignment [bp]	295	285	280
Mean Coverage Depth	2.0	1.7	1.5



Analysis Details

Run Name	R_2014_10_03_11_26_20_user_ION-89-ITlab_MSRNAseq_141003_ITR29_ITR30
Run Date	Oct. 3, 2014, 11:28 a.m.
Run Flows	500
Projects	ITLab_RNASeq
Sample	ITR29, ITR30
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-89-ITlab_MSRNAseq_141003_ITR29_ITR30_137
Analysis Date	Oct. 3, 2014, 7:21 p.m.
Analysis Flows	0
runID	4RKZX

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