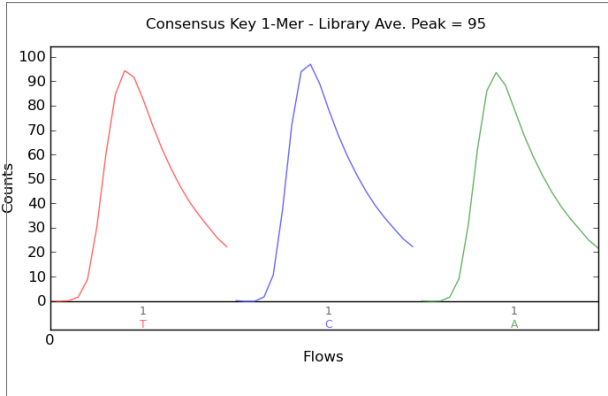
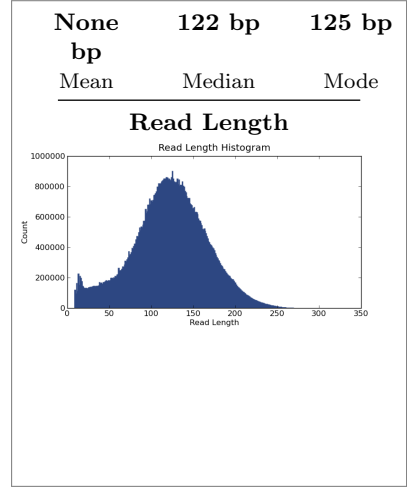
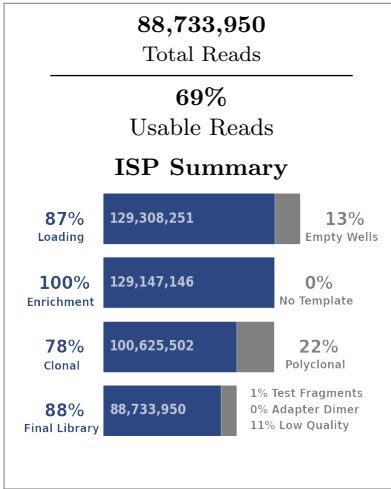
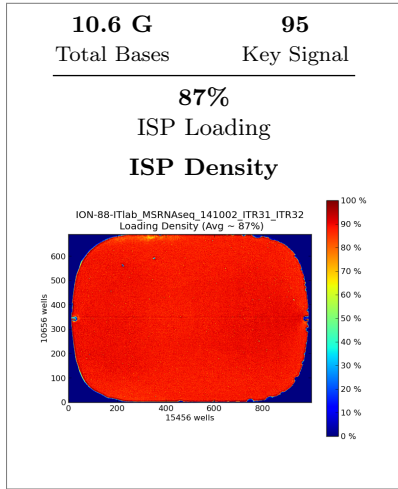


Run Summary



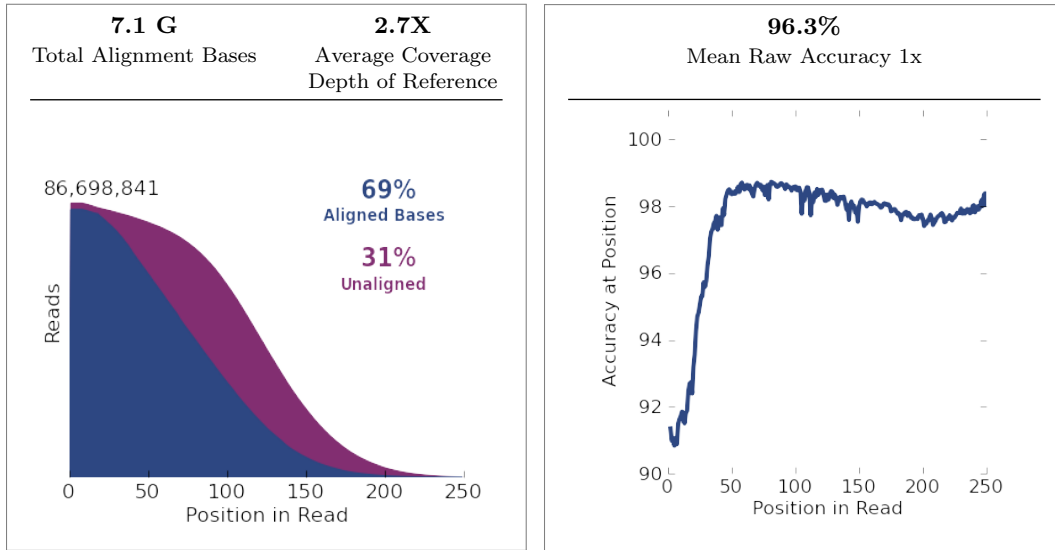
Addressable Wells	148,603,956	
With ISPs	129,308,251	87.0%
Live	129,147,146	99.9%
Test Fragment	1,357,987	01.1%
Library	127,789,159	98.9%
Library ISPs	127,789,159	
Filtered: Polyclonal	28,521,644	22.3%
Filtered: Low Quality	10,355,301	08.1%
Filtered: Primer Dimer	189,333	00.1%
Final Library ISPs	88,733,950	69.4%

Notes: ITlab_MS-4RNAseqSamples.ITR31-wt3P90-bc7.ITR32-wtpool190514-bc8

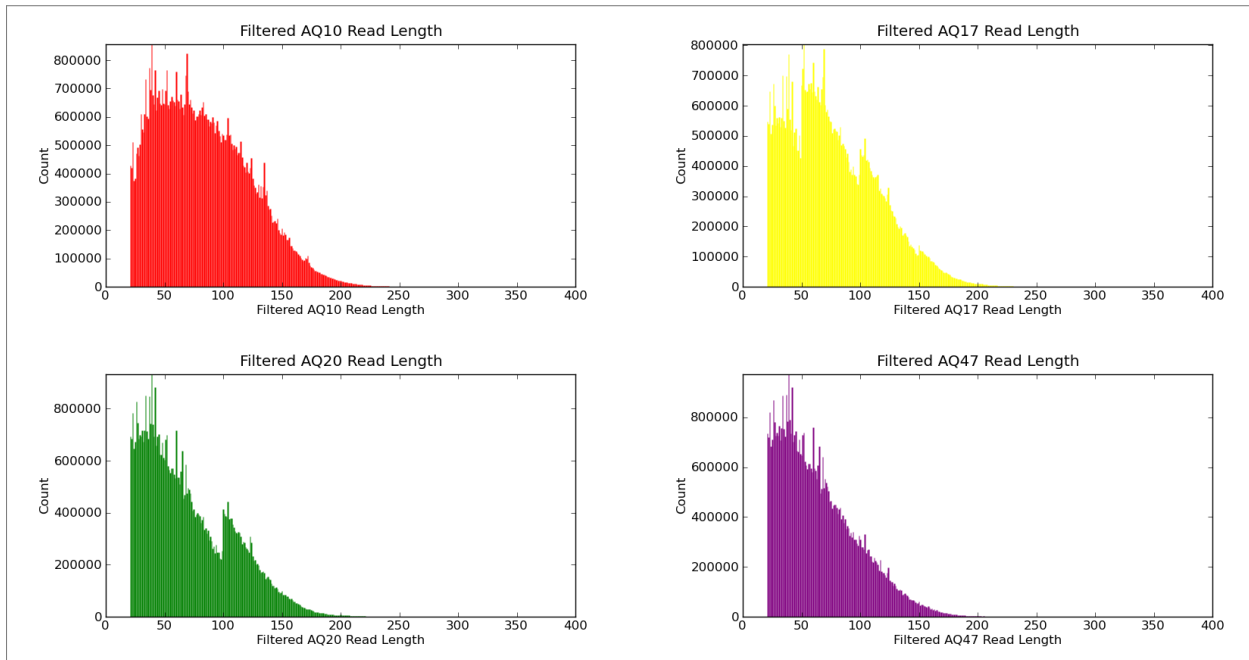
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	225,121,272	173,446,936	1,967,895	114 bp
IonXpressRNA_007	ITR31	4,535,069,753	3,767,668,997	37,447,047	121 bp
IonXpressRNA_008	ITR32	5,901,989,495	4,864,583,395	49,251,794	119 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,179,059	83%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	4.6 G	3.9 G	3.6 G
Mean Length [bp]	76	70	65
Longest Alignment [bp]	296	284	281
Mean Coverage Depth	1.7	1.5	1.4



Analysis Details

Run Name	R_2014_10_02_11_27_13_user_ION-88-ITlab_MSRNAseq_141002_ITR31_ITR32
Run Date	Oct. 2, 2014, 11:29 a.m.
Run Flows	500
Projects	ITLab_RNASeq
Sample	ITR32, ITR31
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-88-ITlab_MSRNAseq_141002_ITR31_ITR32_136
Analysis Date	Oct. 2, 2014, 7 p.m.
Analysis Flows	0
runID	4ARCV

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