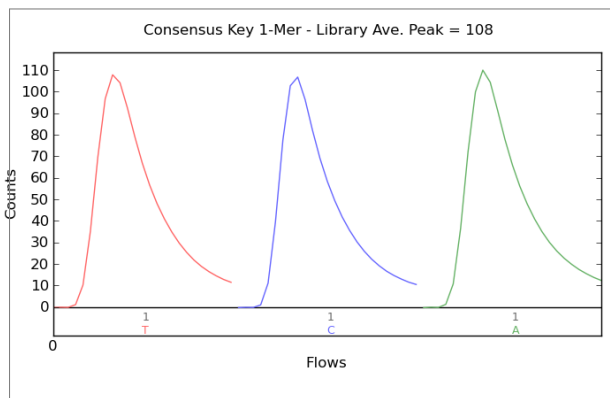
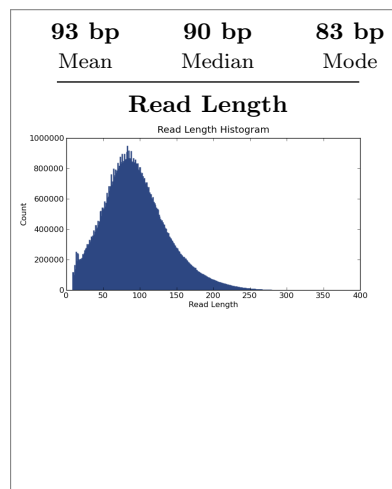
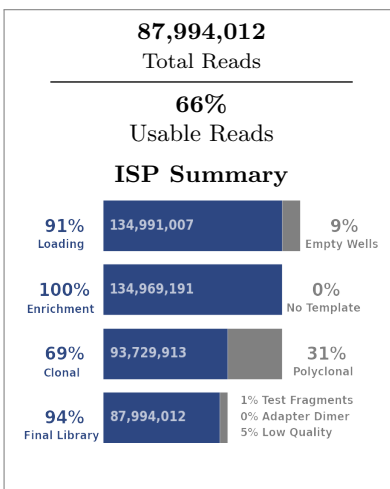
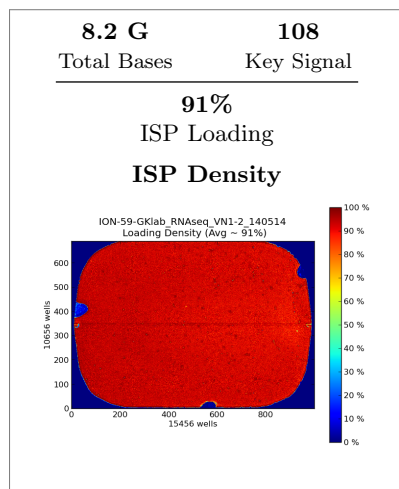


Run Summary



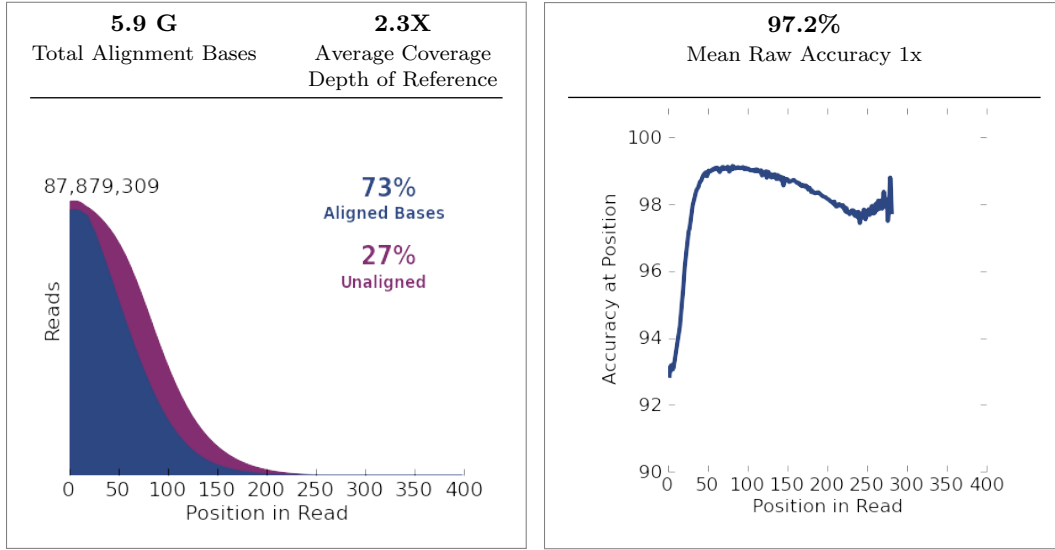
Addressable Wells 148,603,956		
With ISPs	134,991,007	90.8%
Live	134,969,191	100.0%
Test Fragment	1,325,763	01.0%
Library	133,643,428	99.0%
Library ISPs 133,643,428		
Filtered: Polyclonal	41,239,278	30.9%
Filtered: Low Quality	4,264,715	03.2%
Filtered: Primer Dimer	153,032	00.1%
Final Library ISPs	87,994,012	65.8%

Notes: GKLab_2samples_VN1-BC5_VN2-BC6

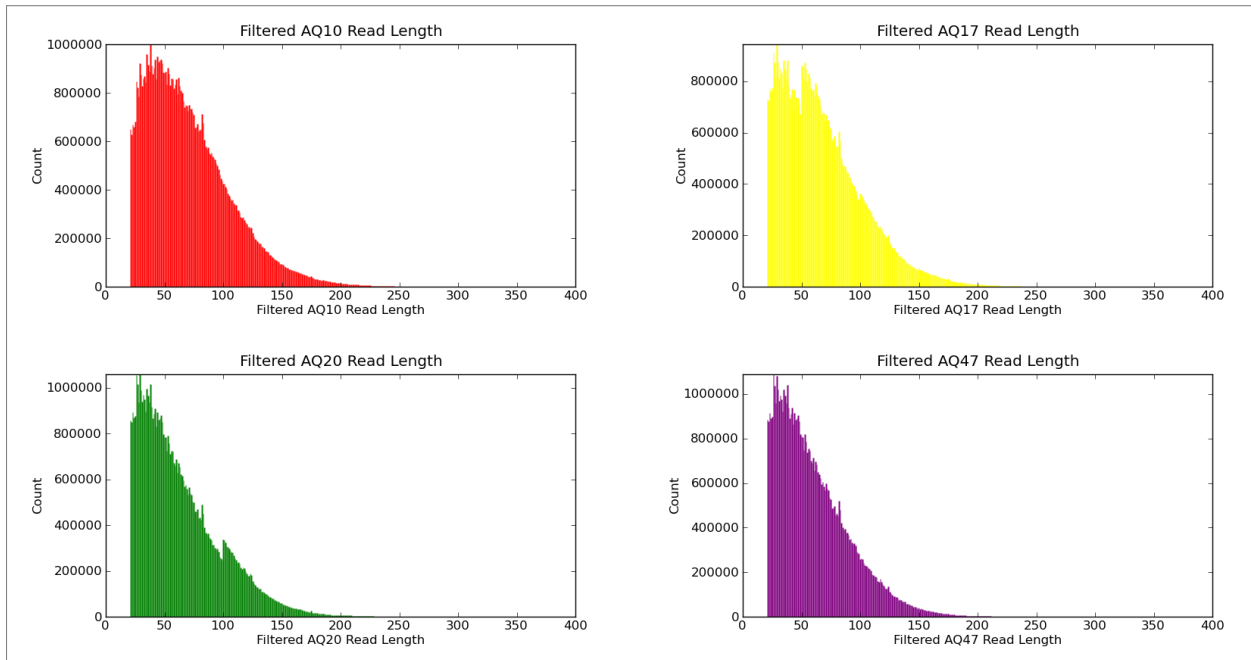
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	None	44,993,385	36,900,912	506,417	88 bp
IonXpressRNA_005	VN1	5,621,908,467	5,034,621,434	50,876,976	110 bp
IonXpressRNA_006	VN2	2,548,241,334	2,311,270,746	36,495,915	69 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	977,160	84%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	4.3 G	3.9 G	3.7 G
Mean Length [bp]	67	63	60
Longest Alignment [bp]	306	301	299
Mean Coverage Depth	1.7	1.5	1.4



Analysis Details

Run Name	R_2014.05.14_05.41.16_user_ION-59-GKlab_RNAseq_VN1-2_140514
Run Date	May 14, 2014, 5:44 a.m.
Run Flows	520
Projects	GKLab_RNASeq
Sample	VN2, VN1
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-59-GKlab_RNAseq_VN1-2_140514_85
Analysis Date	May 14, 2014, 8:51 p.m.
Analysis Flows	0
runID	JIMM7

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