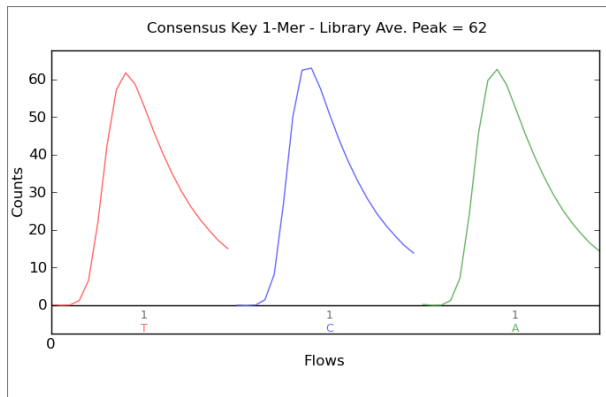
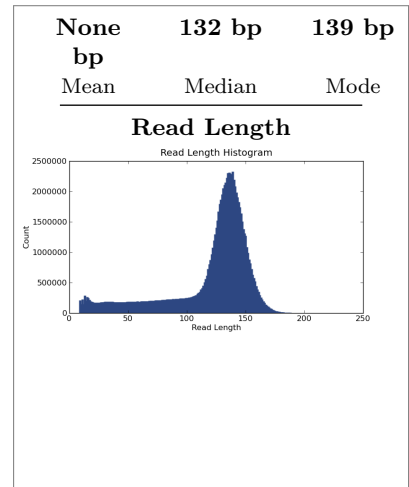
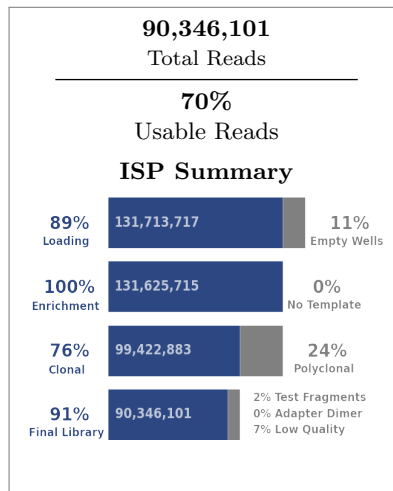
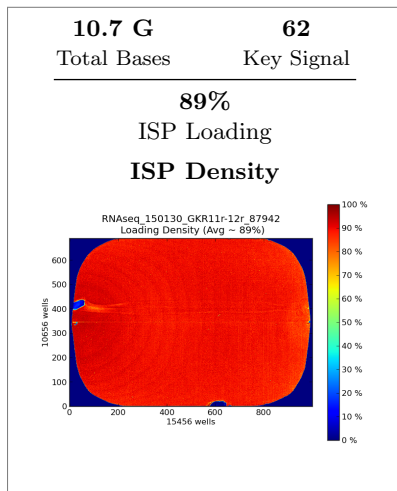


## Run Summary



Addressable Wells	<b>148,603,956</b>	
With ISPs	131,713,717	88.6%
Live	131,625,715	99.9%
Test Fragment	2,315,359	01.8%
Library	129,310,356	98.2%

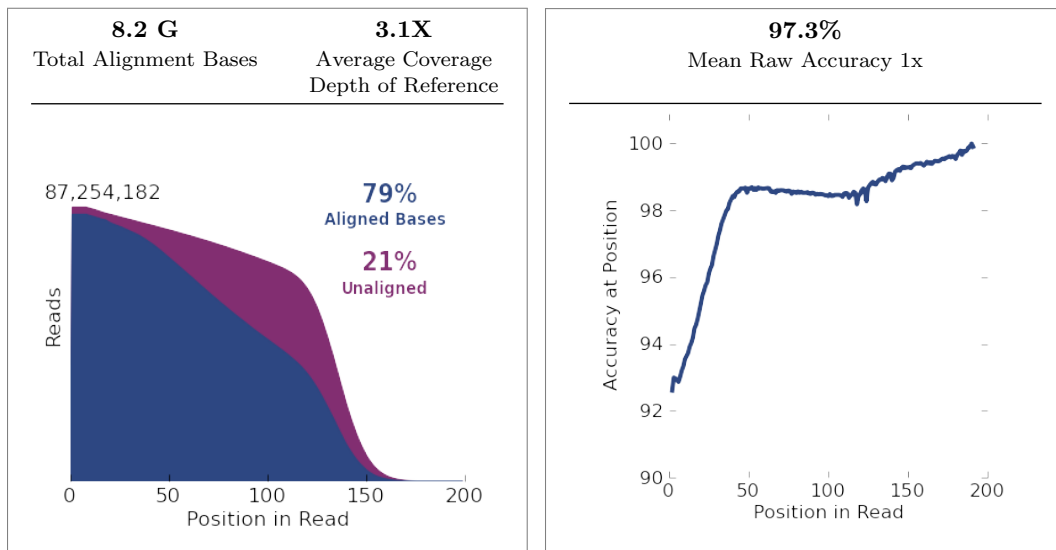
Library ISPs	<b>129,310,356</b>	
Filtered: Polyclonal	32,202,832	24.9%
Filtered: Low Quality	7,954,466	06.2%
Filtered: Primer Dimer	233,325	00.2%
<b>Final Library ISPs</b>	<b>90,346,101</b>	<b>69.9%</b>

Notes: GKlab\_12RNAseq\_GKR11r-wt3late-bc11.GKR12r-DARE3late-bc12

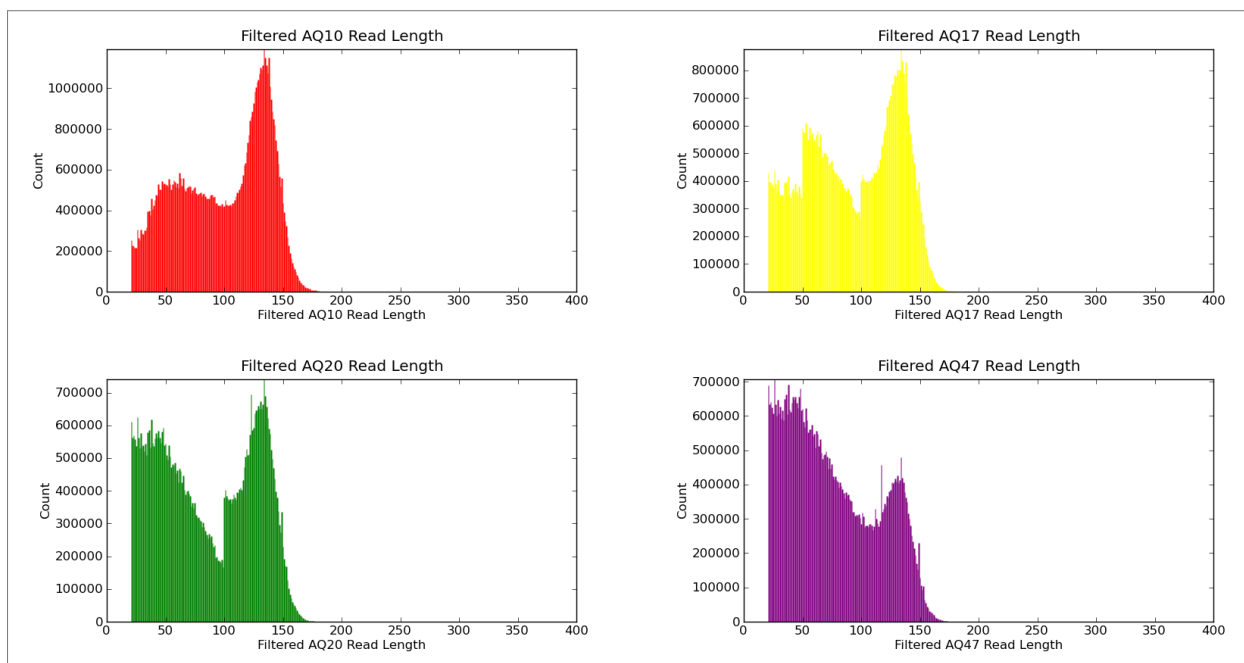
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	324,883,423	231,528,034	3,023,221	107 bp
IonXpressRNA_011	GKR11-wt3late	5,126,340,137	4,202,745,112	43,112,235	118 bp
IonXpressRNA_012	GKR12-DARE3late	5,262,496,686	4,305,617,191	44,141,947	119 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>2,026,427</b>	<b>69%</b>	

## Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
<b>Total Number of Bases [Mbp]</b>	5.9 G	5.1 G	4.4 G
<b>Mean Length [bp]</b>	92	85	75
<b>Longest Alignment [bp]</b>	198	196	196
<b>Mean Coverage Depth</b>	2.2	1.9	1.7



## Analysis Details

<b>Run Name</b>	R_2015_02_02_12.12.14_ION-135-GKlab_RNAseq_150130_GKR11r-12r_87942
<b>Run Date</b>	Jan. 30, 2015, 12:43 p.m.
<b>Run Flows</b>	290
<b>Projects</b>	GKLab_RNASeq
<b>Sample</b>	
<b>Reference</b>	
<b>PGM</b>	IONAS
<b>Flow Order</b>	TACGTACGTCTGAGCATCGATCGATGTACAGC
<b>Library Key</b>	TCAG
<b>TF Key</b>	ATCG
<b>Chip Check</b>	Passed
<b>Chip Type</b>	P1.1.17
<b>Chip Data</b>	tiled
<b>Barcode Set</b>	IonXpressRNA
<b>Analysis Name</b>	Auto_ION-135-GKlab_RNAseq_150130_GKR11r-12r_87942_200
<b>Analysis Date</b>	Feb. 2, 2015, 4:48 p.m.
<b>Analysis Flows</b>	0
<b>runID</b>	288FH

## Software Version

<b>Torrent_Suite</b>	4.2.1
<b>host</b>	FW7DQV1
<b>ion-analysis</b>	4.2.18-1
<b>ion-chefupdates</b>	4.2.0
<b>ion-dbreports</b>	4.2.22-1
<b>ion-gpu</b>	4.2.2-1
<b>ion-pipeline</b>	4.2.12-1
<b>ion-plugins</b>	4.2.28-1
<b>ion-protonupdates</b>	4.2.2
<b>ion-torrentr</b>	4.2.1-1
<b>LiveView</b>	1835
<b>DataCollect</b>	2929
<b>OIA</b>	4201
<b>OS</b>	21
<b>Graphics</b>	34