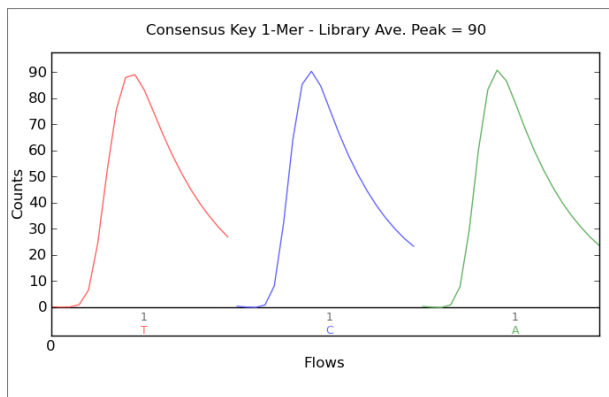
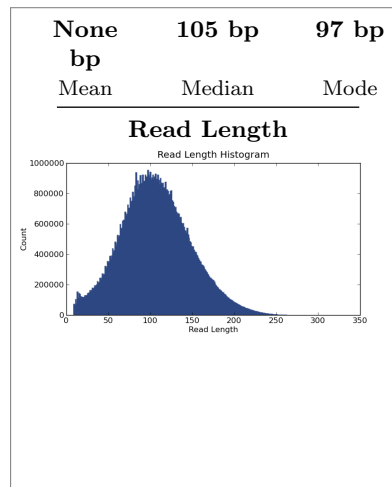
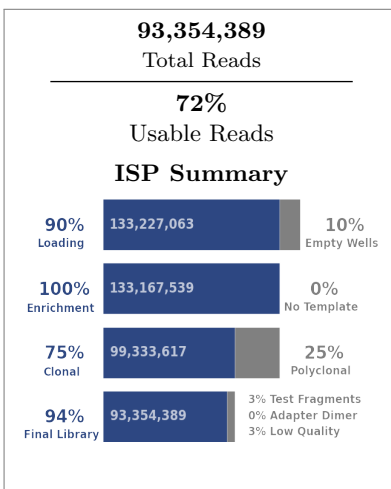
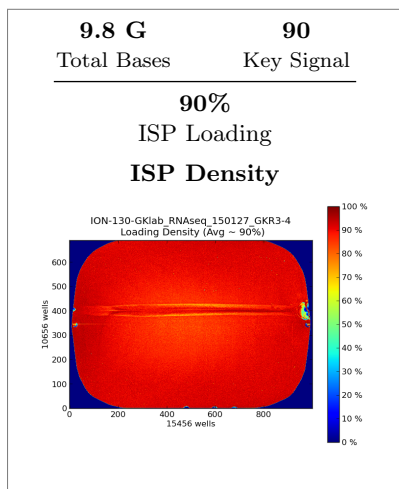


## Run Summary



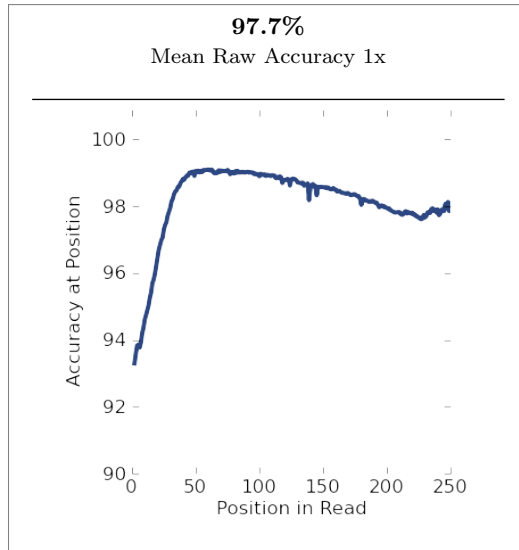
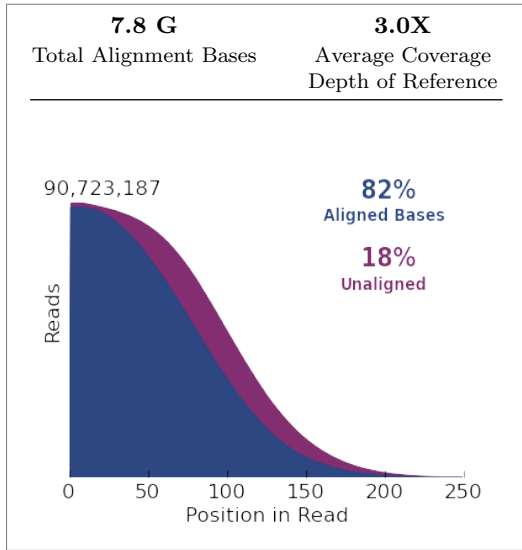
<b>Addressable Wells</b>	<b>148,603,956</b>	
With ISPs	133,227,063	89.7%
Live	133,167,539	100.0%
Test Fragment	3,455,407	02.6%
Library	129,712,132	97.4%
<b>Library ISPs</b>	<b>129,712,132</b>	
Filtered: Polyclonal	33,833,922	26.1%
Filtered: Low Quality	4,039,329	03.1%
Filtered: Primer Dimer	252,936	00.2%
<b>Final Library ISPs</b>	<b>93,354,389</b>	<b>72.0%</b>

Notes: GKlab\_12RNAseq\_GKR3-wt2early-bc3\_GKR4-DARE2early-bc4

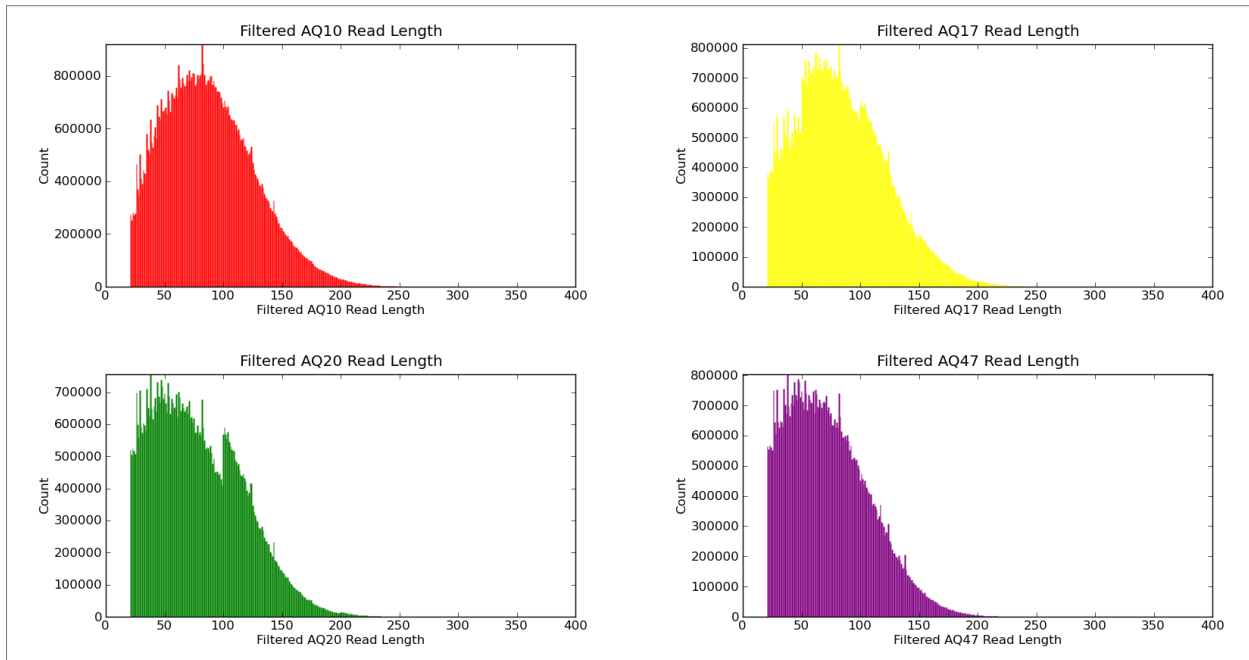
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	293,544,198	249,114,886	2,363,863	124 bp
IonXpressRNA_003	GKR3-wt2early	4,355,425,237	3,871,793,342	45,507,404	95 bp
IonXpressRNA_004	GKR4-DARE2early	5,164,975,895	4,532,698,183	45,215,783	114 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>3,022,588</b>	<b>59%</b>	

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



	AQ17	AQ20	Perfect
<b>Total Number of Bases [Mbp]</b>	6.1 G	5.4 G	4.9 G
<b>Mean Length [bp]</b>	84	79	73
<b>Longest Alignment [bp]</b>	291	289	271
<b>Mean Coverage Depth</b>	2.3	2.1	1.9



## Analysis Details

Run Name	R_2015_01_27_12.20.40_user_ION-130-GKlab_RNAseq_150127_GKR3-4
Run Date	Jan. 27, 2015, 12:22 p.m.
Run Flows	500
Projects	GKLab_RNASeq
Sample	GKR3-wt2early, GKR4-DARE2early
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-130-GKlab_RNAseq_150127_GKR3-4_194
Analysis Date	Jan. 27, 2015, 10:13 p.m.
Analysis Flows	0
runID	4JMXQ

## 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