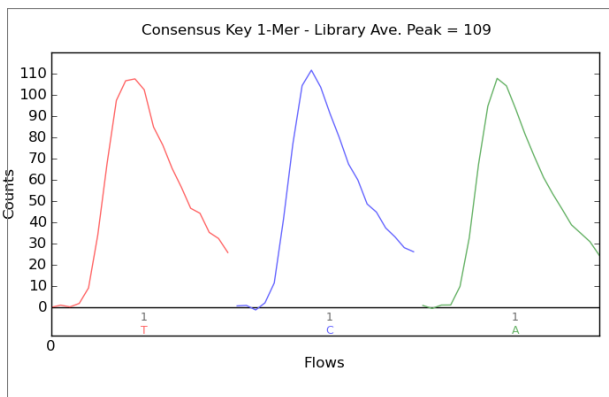
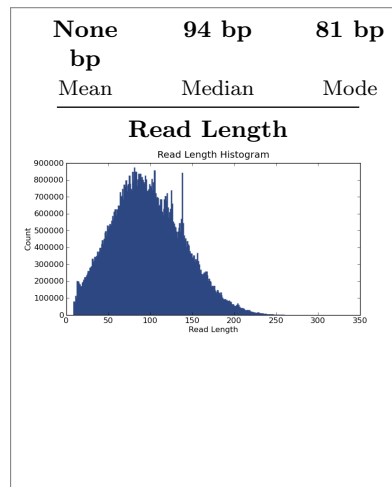
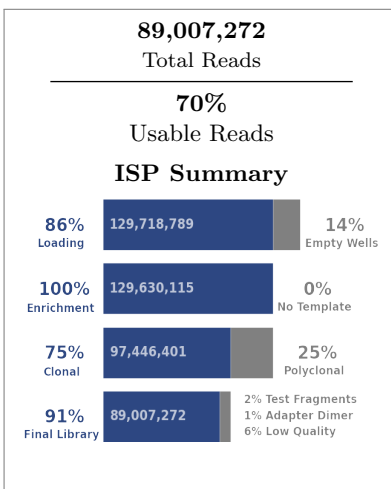
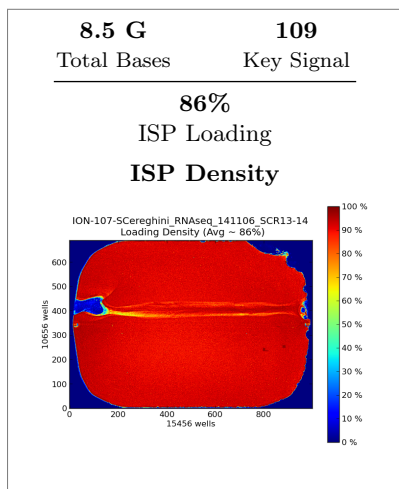


Run Summary



Addressable Wells	150,242,922	
With ISPs	129,718,789	86.3%
Live	129,630,115	99.9%
Test Fragment	2,589,049	02.0%
Library	127,041,066	98.0%

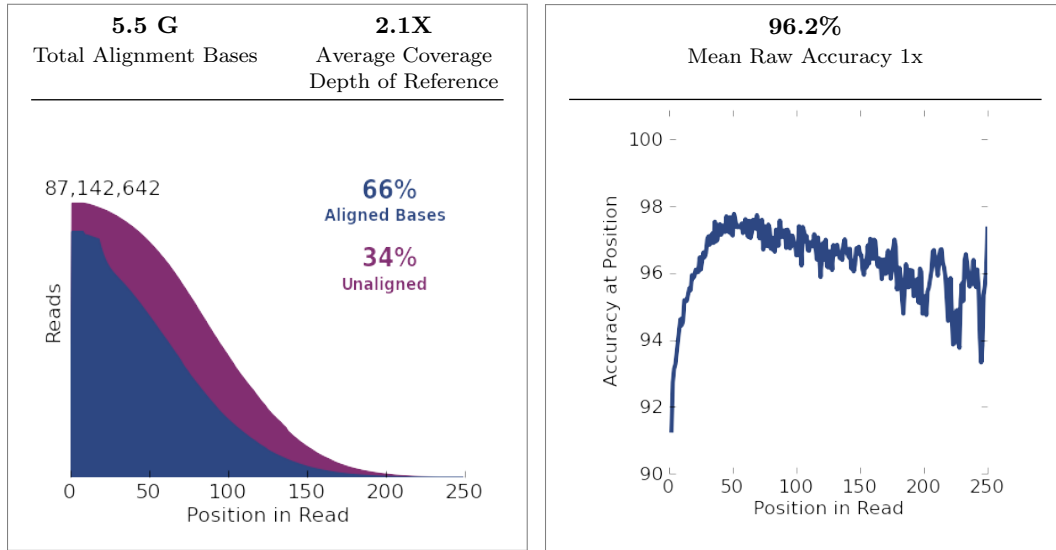
Library ISPs	127,041,066	
Filtered: Polyclonal	32,183,714	25.3%
Filtered: Low Quality	4,454,618	03.5%
Filtered: Primer Dimer	1,424,287	01.1%
Final Library ISPs	89,007,272	70.1%

Notes: DrSCereghini_4RNAseqsamples_SCR13-E145-3wt-bc2_SCR14-E145-5Het-bc10_SCR14 has been re-purified 141104

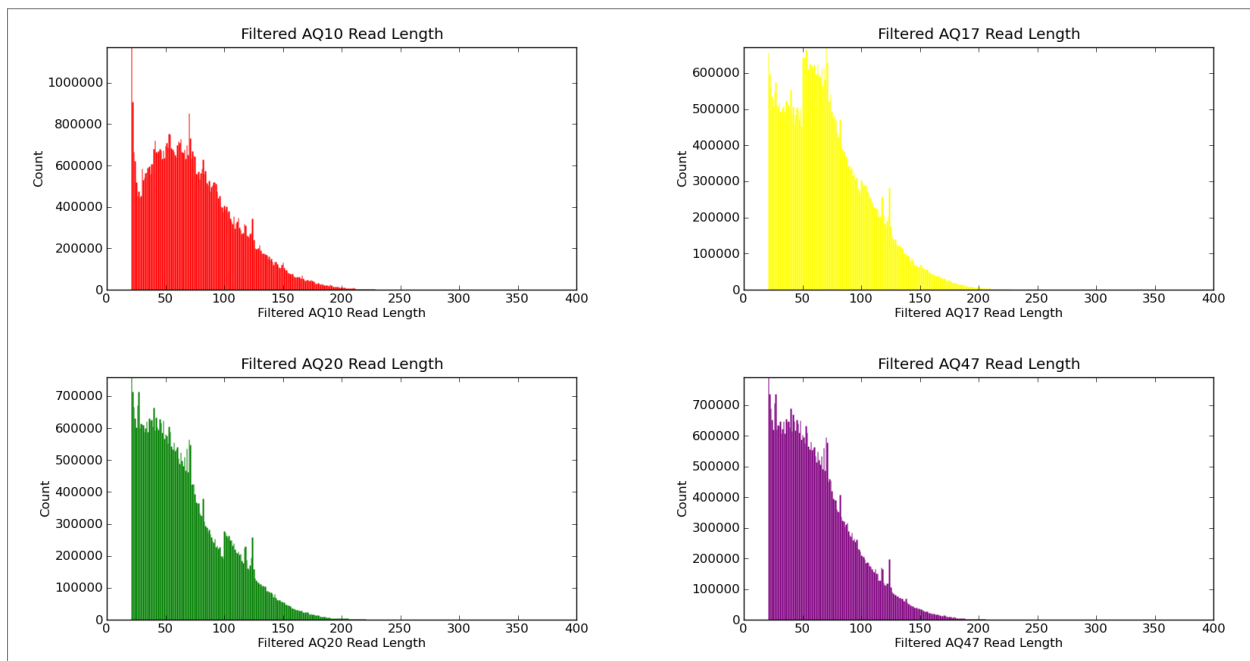
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	192,705,514	163,397,304	1,823,405	105 bp
IonXpressRNA_002	SCR13	6,700,709,168	6,013,307,709	72,340,797	92 bp
IonXpressRNA_010	SCR14	1,675,181,557	1,492,520,215	14,801,845	113 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	2,064,787	59%	

Alignment Summary *(aligned to Mus musculus)*



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	3.5 G	3.1 G	2.9 G
Mean Length [bp]	71	66	62
Longest Alignment [bp]	295	285	273
Mean Coverage Depth	1.3	1.2	1.1



Analysis Details

Run Name	R_2014.11.06_12.01.15_user_ION-107-SCereghini_RNAseq_141106_SCR13-14
Run Date	Nov. 6, 2014, 12:04 p.m.
Run Flows	500
Projects	DrCereghini_RNASeq
Sample	SCR13, SCR14
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-107-SCereghini_RNAseq_141106_SCR13-14_163
Analysis Date	Nov. 6, 2014, 7:10 p.m.
Analysis Flows	0
runID	T61PB

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