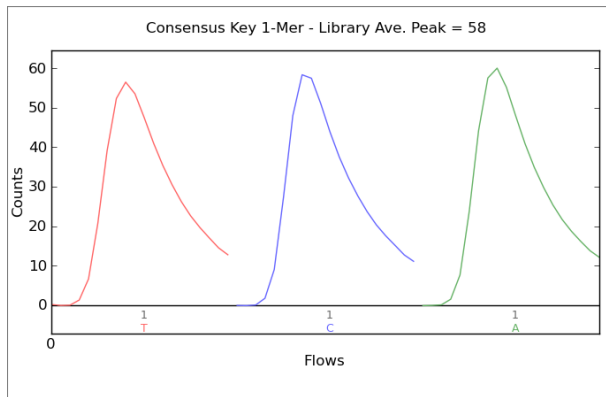
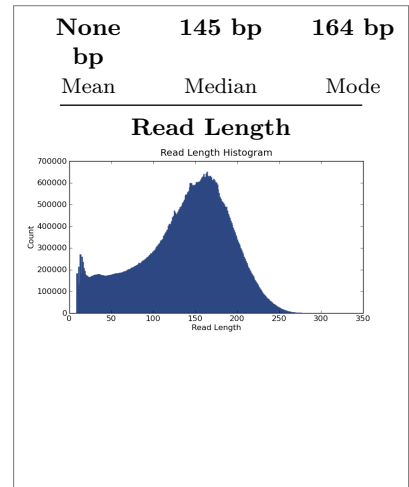
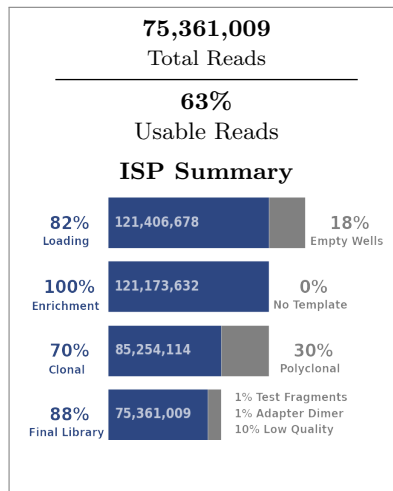
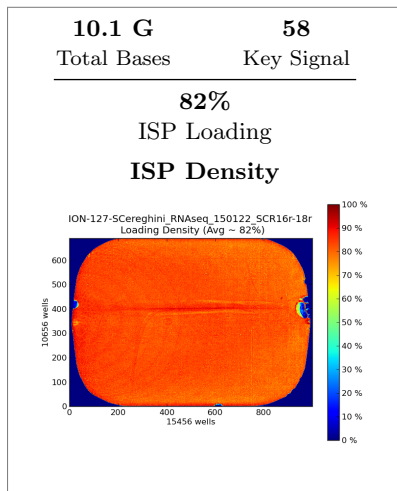


Run Summary



Addressable Wells		148,603,956
With ISPs	121,406,678	81.7%
Live	121,173,632	99.8%
Test Fragment	1,398,938	01.2%
Library	119,774,694	98.8%

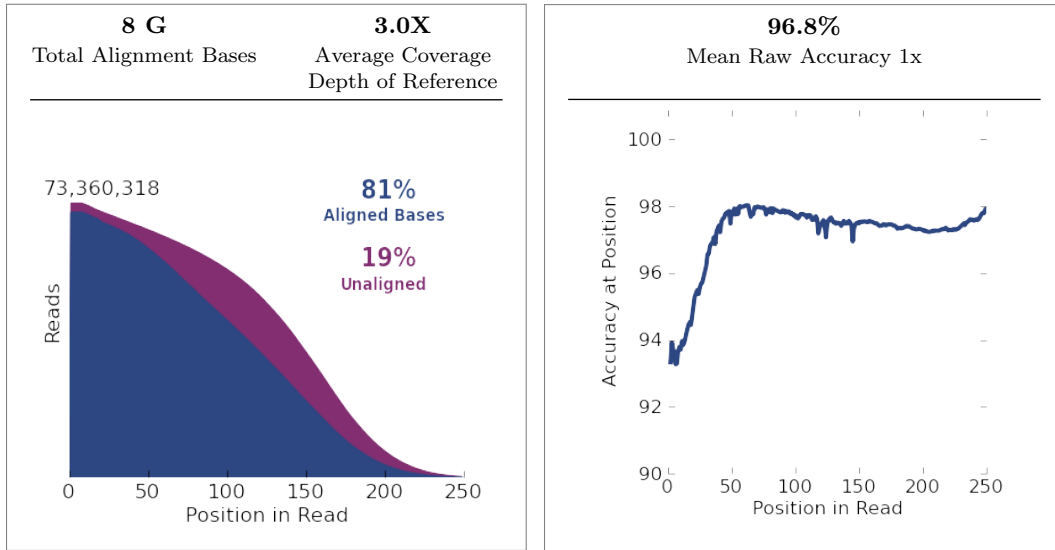
Library ISPs		119,774,694
Filtered: Polyclonal	35,919,518	30.0%
Filtered: Low Quality	9,389,698	07.8%
Filtered: Primer Dimer	441,181	00.4%
Final Library ISPs	75,361,009	62.9%

Notes: DrSCereghini_4RNAseq_SCR16r-65n2mut-bc2_SCR18r-65n8wt-bc5

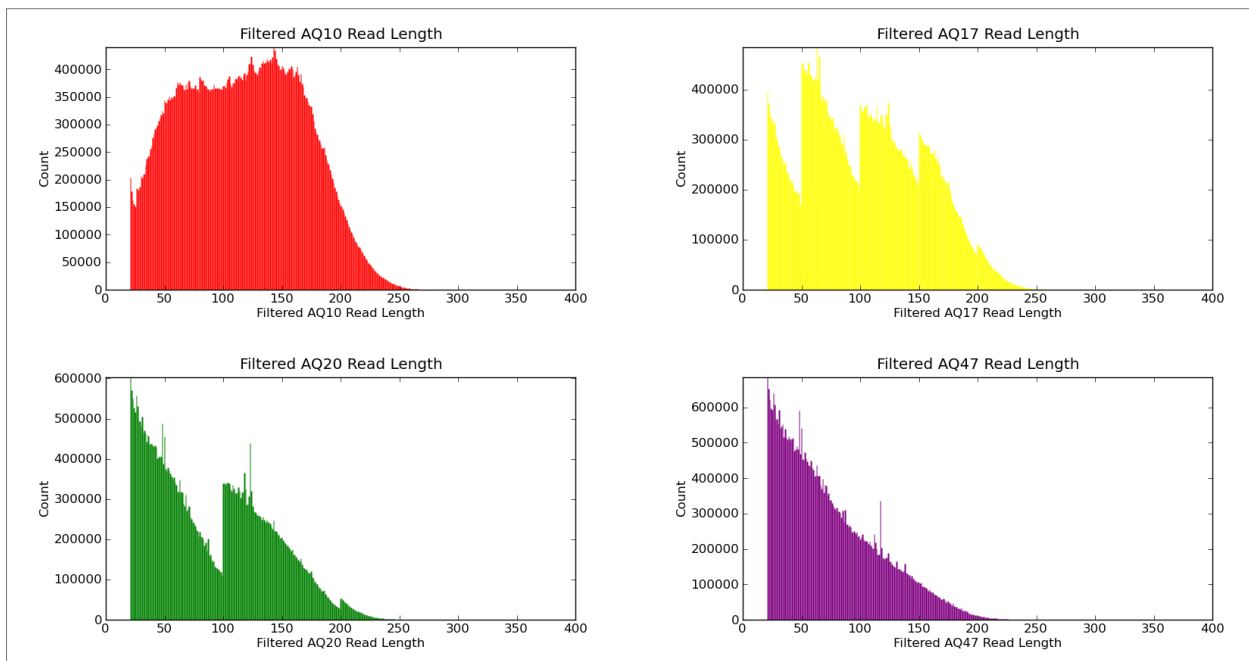
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	234,079,352	165,303,152	1,947,488	120 bp
IonXpressRNA_002	SCR16r	5,070,187,146	3,887,078,191	37,183,759	136 bp
IonXpressRNA_005	SCR18r	4,858,575,207	3,684,542,778	36,176,559	134 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,026,663	41%	

Alignment Summary (aligned to *Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	5.3 G	4.1 G	3.3 G
Mean Length [bp]	103	89	73
Longest Alignment [bp]	293	283	271
Mean Coverage Depth	2.0	1.6	1.2



Analysis Details

Run Name	R_2015_01_22_12.30.26_user_ION-127-SCereghini_RNAseq_150122_SCR16r-18r
Run Date	Jan. 22, 2015, 12:32 p.m.
Run Flows	500
Projects	DrCereghini_RNASeq
Sample	SCR18r, SCR16r
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-127-SCereghini_RNAseq_150122_SCR16r-18r_191
Analysis Date	Jan. 22, 2015, 8:31 p.m.
Analysis Flows	0
runID	5FW52

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