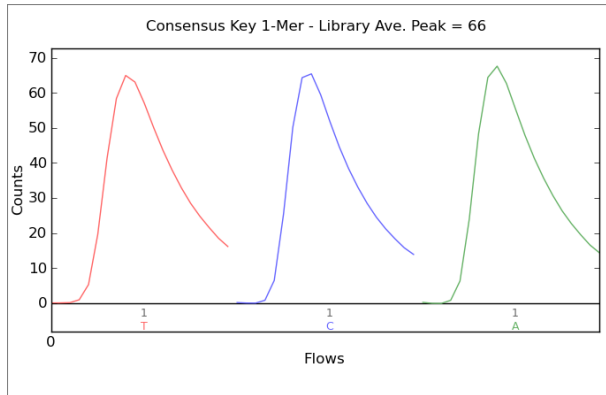
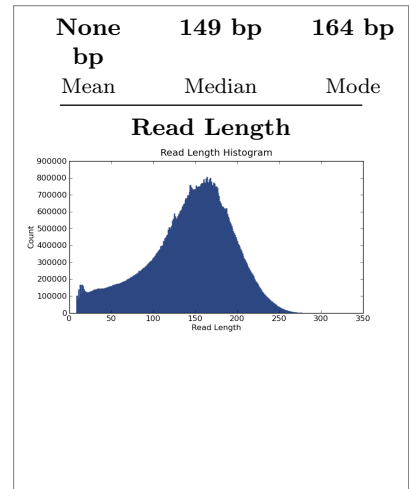
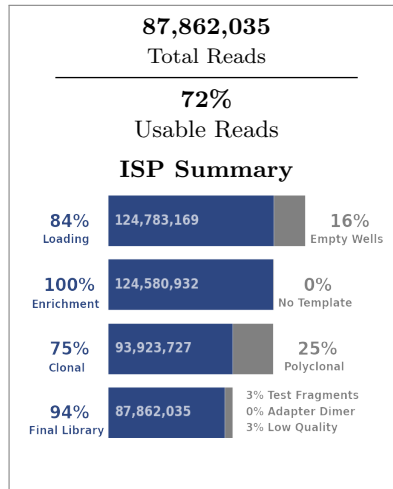
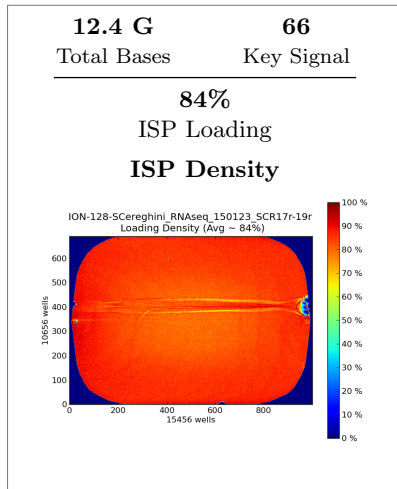


Run Summary



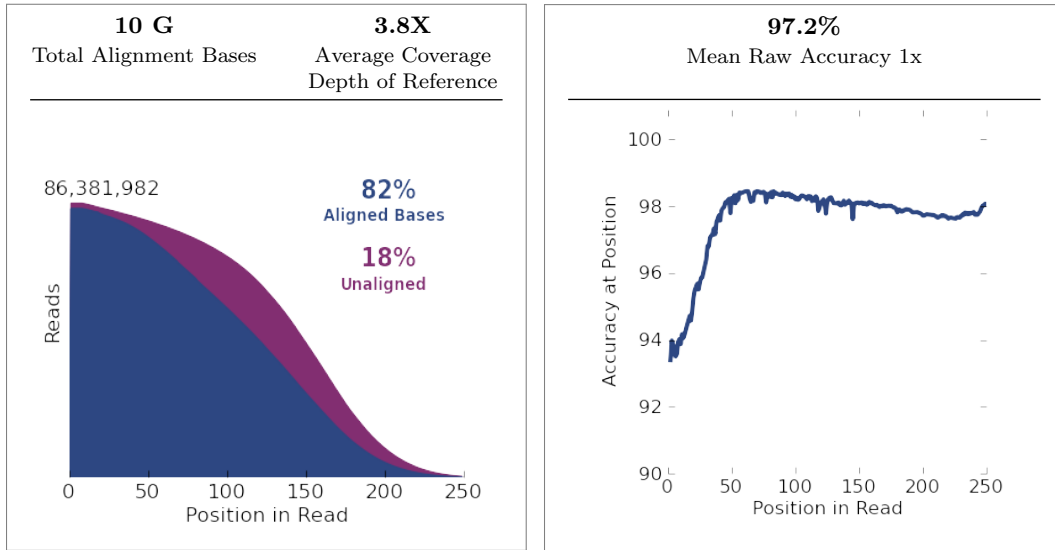
Addressable Wells	148,603,956	
With ISPs	124,783,169	84.0%
Live	124,580,932	99.8%
Test Fragment	3,022,583	02.4%
Library	121,558,349	97.6%
Library ISPs	121,558,349	
Filtered: Polyclonal	30,657,205	25.2%
Filtered: Low Quality	4,214,576	03.5%
Filtered: Primer Dimer	463,815	00.4%
Final Library ISPs	87,862,035	72.3%

Notes: DrSCereghini_4RNAseq_SCR17r-65n5mut-bc4_SCR19r-65n11wt-bc15

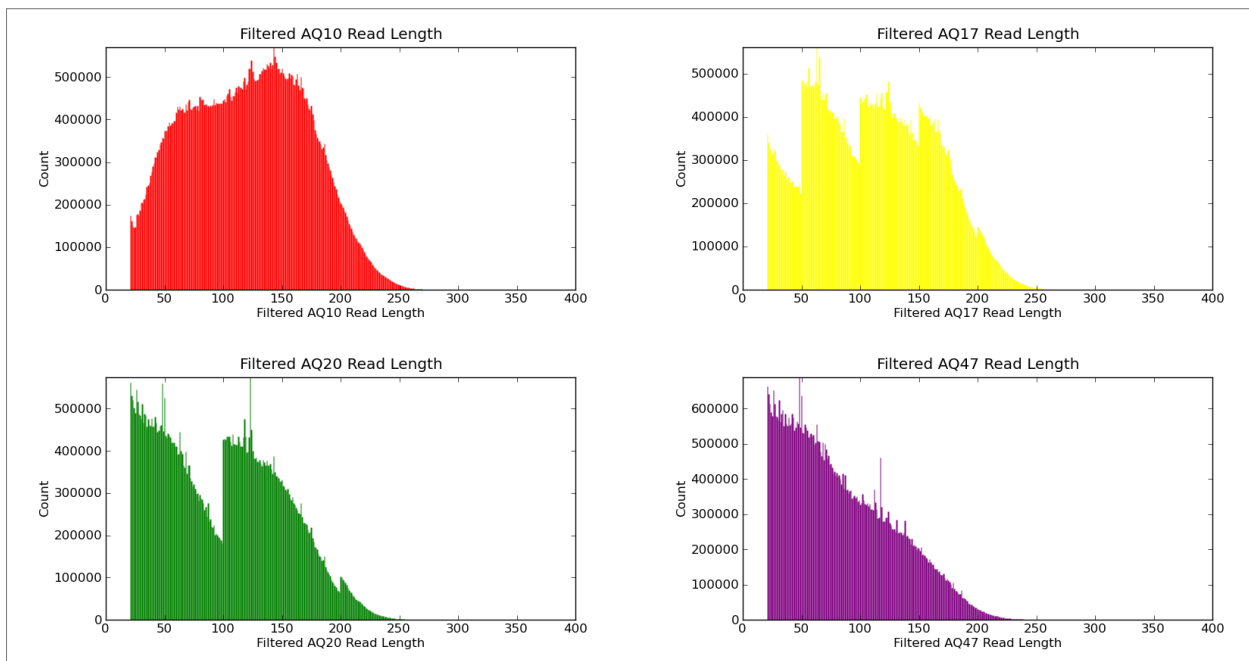
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	192,809,390	147,479,497	1,452,991	132 bp
IonXpressRNA_004	SCR17r	7,280,977,907	5,891,911,959	50,831,051	143 bp
IonXpressRNA_015	SCR19r	4,957,738,983	4,040,853,945	35,550,931	139 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	2,582,128	59%	

Alignment Summary (*aligned to Mus musculus*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	7.3 G	6.1 G	4.9 G
Mean Length [bp]	110	98	83
Longest Alignment [bp]	293	292	282
Mean Coverage Depth	2.8	2.3	1.9



Analysis Details

Run Name	R_2015_01_23_12.39.27_user_ION-128-SCereghini_RNAseq_150123_SCR17r-19r
Run Date	Jan. 23, 2015, 12:41 p.m.
Run Flows	500
Projects	DrCereghini_RNASeq
Sample	SCR19r, SCR17r
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-128-SCereghini_RNAseq_150123_SCR17r-19r_192
Analysis Date	Jan. 23, 2015, 10:54 p.m.
Analysis Flows	0
runID	1O76K

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