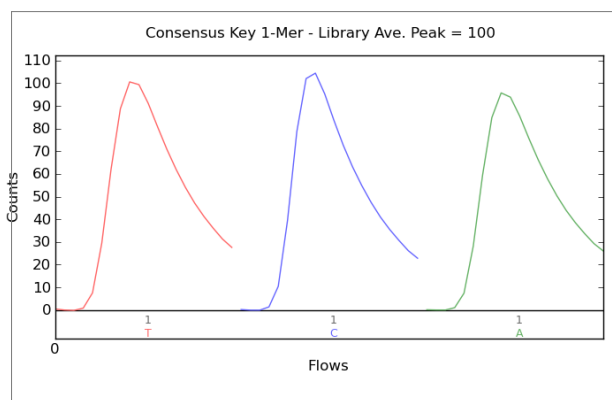
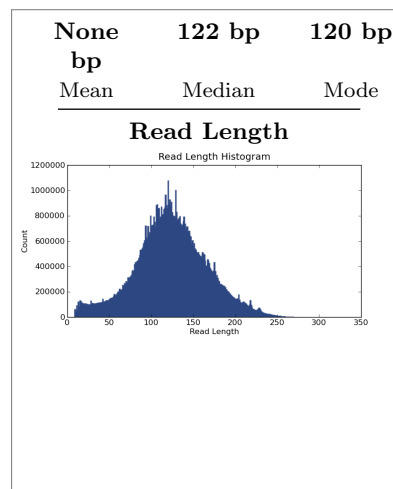
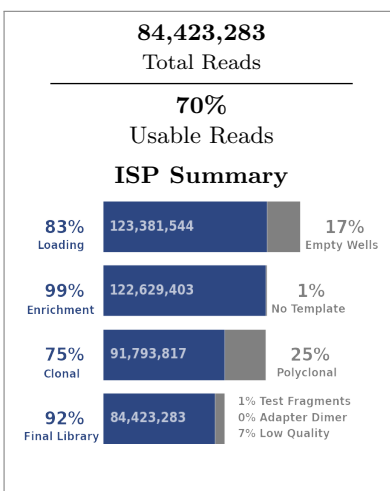
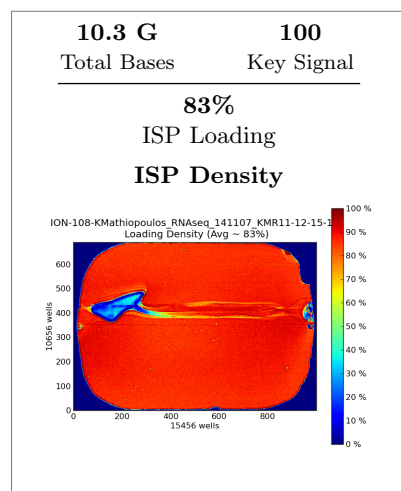


Run Summary



Addressable Wells	148,603,956	
With ISPs	123,381,544	83.0%
Live	122,629,403	99.4%
Test Fragment	1,233,637	01.0%
Library	121,395,766	99.0%

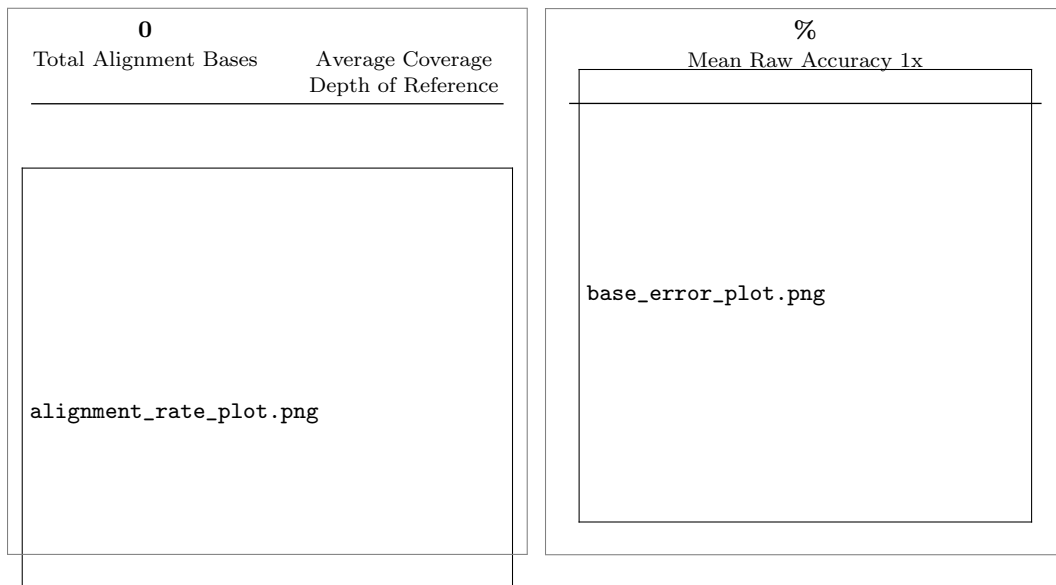
Library ISPs	121,395,766	
Filtered: Polyclonal	30,835,586	25.4%
Filtered: Low Quality	5,795,337	04.8%
Filtered: Primer Dimer	373,209	00.3%
Final Library ISPs	84,423,283	69.5%

Notes: KMathiopoulos-24RNAsamples_KMR11-BenHeM2-bc6_KMR12-BenHeF2-bc10_KMR15-BenOvF1-bc13_KMR16-BenTesM2-bc16

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	133,609,943	101,912,016	1,098,902	121 bp
IonXpressRNA_006	KMR11	3,457,998,344	2,859,941,315	28,582,348	120 bp
IonXpressRNA_010	KMR12	2,730,314,217	2,222,320,249	23,595,947	115 bp
IonXpressRNA_013	KMR15	2,888,413,552	2,370,351,030	22,766,531	126 bp
IonXpressRNA_016	KMR16	1,099,705,592	897,146,850	8,330,570	132 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,110,110	93%	

Alignment Summary (*aligned to*)



	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	0	0	0
Mean Length [bp]	0	0	0
Longest Alignment [bp]	0	0	0
Mean Coverage Depth			

Filtered_Alignments_Q10.png

Filtered_Alignments_Q17.png

Filtered_Alignments_Q20.png

Filtered_Alignments_Q47.png

Analysis Details

Run Name	R_2014.11.07_11.42.50_user_ION-108-KMathiopoulos_RNAseq_141107_KMR11-12-15-16
Run Date	Nov. 7, 2014, 11:45 a.m.
Run Flows	500
Projects	DrMathiopoulos_RNAseq
Sample	KMR11, KMR12, KMR15, KMR16
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-108-KMathiopoulos_RNAseq_141107_KMR11-12-15-16_164
Analysis Date	Nov. 7, 2014, 6:36 p.m.
Analysis Flows	0
runID	YD881

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