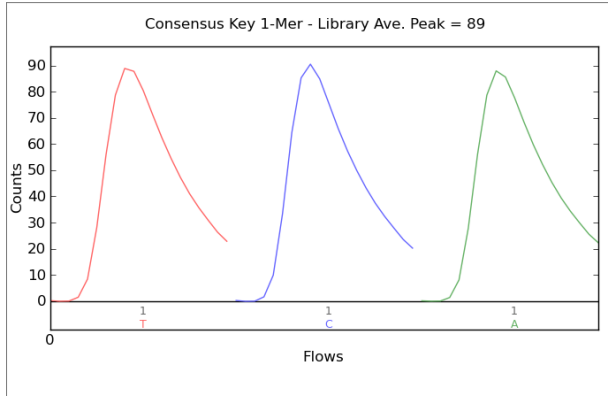
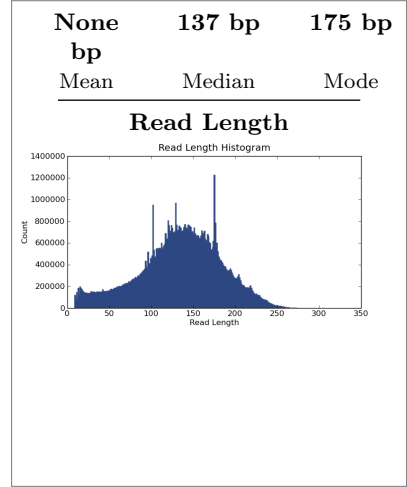
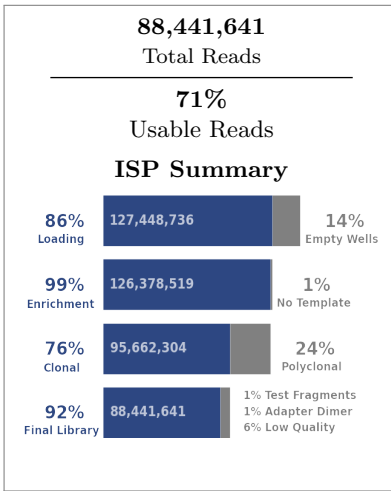
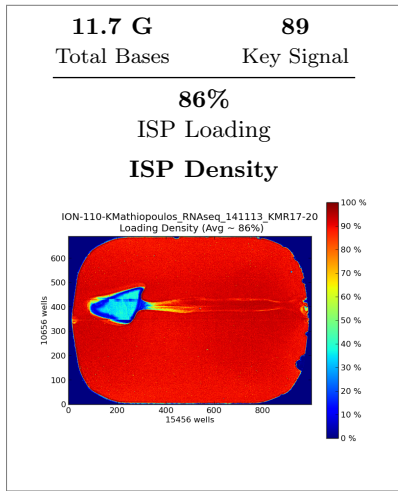


Run Summary



Addressable Wells	148,603,956	
With ISPs	127,448,736	85.8%
Live	126,378,519	99.2%
Test Fragment	1,379,478	01.1%
Library	124,999,041	98.9%

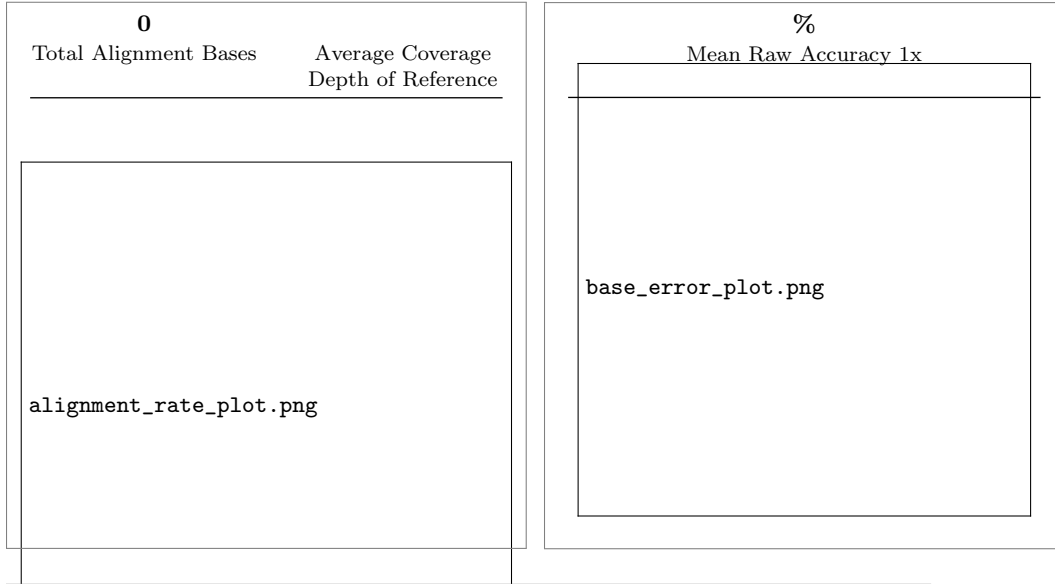
Library ISPs	124,999,041	
Filtered: Polyclonal	30,716,215	24.6%
Filtered: Low Quality	5,017,818	04.0%
Filtered: Primer Dimer	829,449	00.7%
Final Library ISPs	88,441,641	70.8%

Notes: KMathiopoulos-24RNAsamples_KMR17-S103OvF2-bc1_KMR18-S103TesM2-bc7_KMR19-BenOvF2-bc9_KMR20-BenTesM2-bc15

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	126,539,548	87,080,243	1,092,317	115 bp
IonXpressRNA_001	KMR17	2,521,727,014	1,844,801,051	18,428,686	136 bp
IonXpressRNA_007	KMR18	3,494,040,376	2,718,391,390	25,906,238	134 bp
IonXpressRNA_009	KMR19	2,259,453,332	1,762,653,693	18,614,694	121 bp
IonXpressRNA_015	KMR20	3,338,805,738	2,564,932,483	24,359,547	137 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,048,462	61%	

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_2014.11.13_12.16.30_user_ION-110-KMathiopoulos_RNAseq_141113_KMR17-20
Run Date	Nov. 13, 2014, 12:19 p.m.
Run Flows	500
Projects	DrMathiopoulos_RNAseq
Sample	KMR17, KMR18, KMR19, KMR20
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-110-KMathiopoulos_RNAseq_141113_KMR17-20_168
Analysis Date	Nov. 13, 2014, 7:42 p.m.
Analysis Flows	0
runID	TLVPG

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