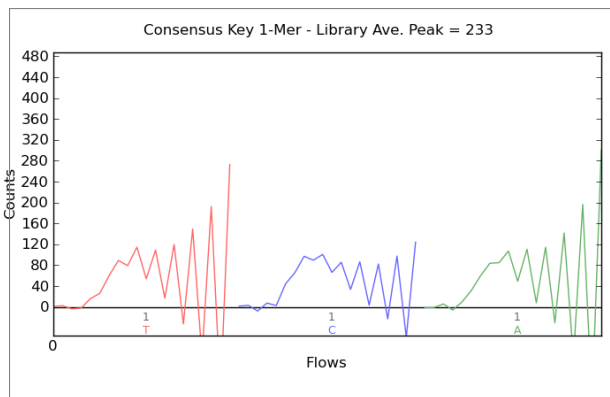
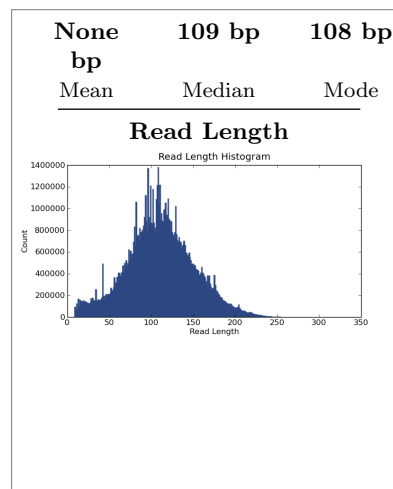
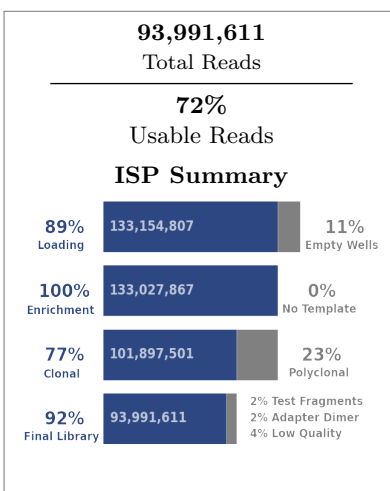
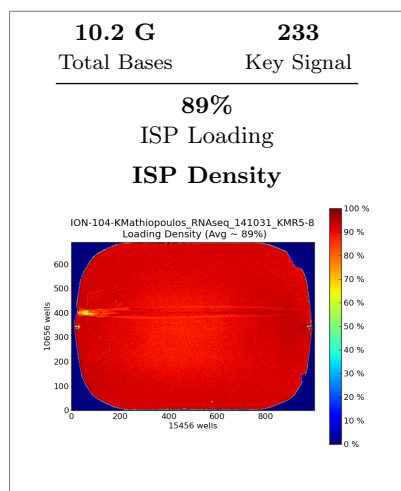


## Run Summary



Addressable Wells		150,242,922
With ISPs	133,154,807	88.6%
Live	133,027,867	99.9%
Test Fragment	1,941,472	01.5%
Library	131,086,395	98.5%

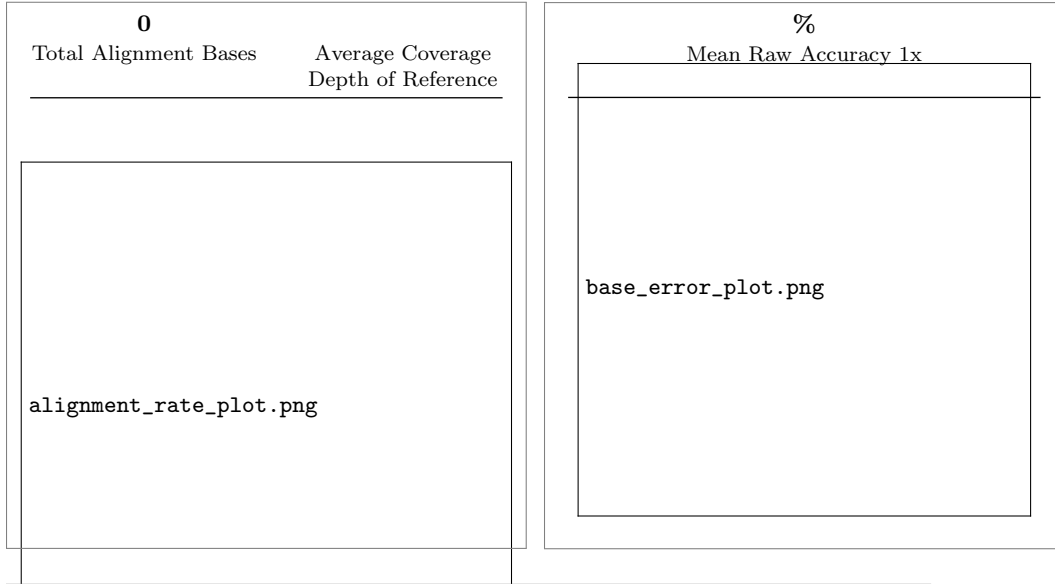
Library ISPs		131,086,395
Filtered: Polyclonal	31,130,366	23.7%
Filtered: Low Quality	3,772,116	02.9%
Filtered: Primer Dimer	2,201,758	01.7%
<b>Final Library ISPs</b>	<b>93,991,611</b>	<b>71.7%</b>

Notes: KMathiopoulos-24RNAsamples\_KMR5-BenHeM1-bc1\_KMR6-BenHeF1-bc4\_KMR7-S103OvF1-bc6\_KMR8-S103TesM1-bc7

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	197,305,200	149,812,223	1,734,607	113 bp
IonXpressRNA_001	KMR5	2,348,170,089	1,917,764,560	21,943,398	107 bp
IonXpressRNA_004	KMR6	2,680,049,372	2,180,871,806	24,172,318	110 bp
IonXpressRNA_006	KMR7	2,336,095,385	1,888,745,941	20,505,787	113 bp
IonXpressRNA_007	KMR8	2,722,722,307	2,223,870,839	25,592,679	106 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>1,776,056</b>	<b>91%</b>	

## 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

<b>Run Name</b>	R_2014_10_31_11_54_20_user_ION-104-KMathiopoulos_RNAseq_141031_KMR5-8
<b>Run Date</b>	Oct. 31, 2014, 11:57 a.m.
<b>Run Flows</b>	500
<b>Projects</b>	DrMathiopoulos_RNAseq
<b>Sample</b>	KMR6, KMR7, KMR5, KMR8
<b>Reference</b>	
<b>PGM</b>	IONAS
<b>Flow Order</b>	TACGTACGTCTGAGCATCGATCGATGTACAGC
<b>Library Key</b>	TCAG
<b>TF Key</b>	ATCG
<b>Chip Check</b>	Passed
<b>Chip Type</b>	P1.1.17
<b>Chip Data</b>	tiled
<b>Barcode Set</b>	IonXpressRNA
<b>Analysis Name</b>	Auto_user_ION-104-KMathiopoulos_RNAseq_141031_KMR5-8_159
<b>Analysis Date</b>	Oct. 31, 2014, 6:48 p.m.
<b>Analysis Flows</b>	0
<b>runID</b>	A7Q71

## Software Version

<b>Torrent_Suite</b>	4.2.1
<b>host</b>	FW7DQV1
<b>ion-analysis</b>	4.2.18-1
<b>ion-chefupdates</b>	4.2.0
<b>ion-dbreports</b>	4.2.22-1
<b>ion-gpu</b>	4.2.2-1
<b>ion-pipeline</b>	4.2.12-1
<b>ion-plugins</b>	4.2.28-1
<b>ion-protonupdates</b>	4.2.2
<b>ion-torrentr</b>	4.2.1-1
<b>LiveView</b>	1835
<b>DataCollect</b>	2929
<b>OIA</b>	4201
<b>OS</b>	21
<b>Graphics</b>	34