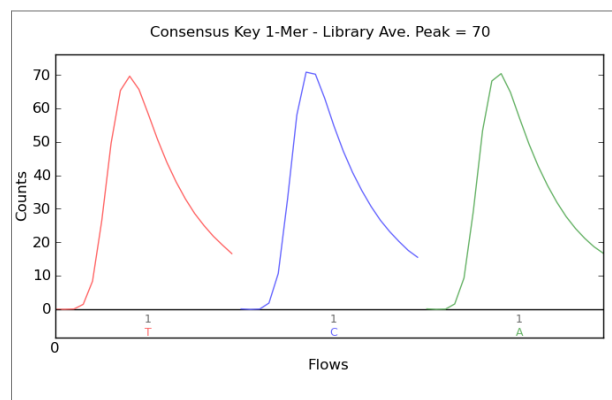
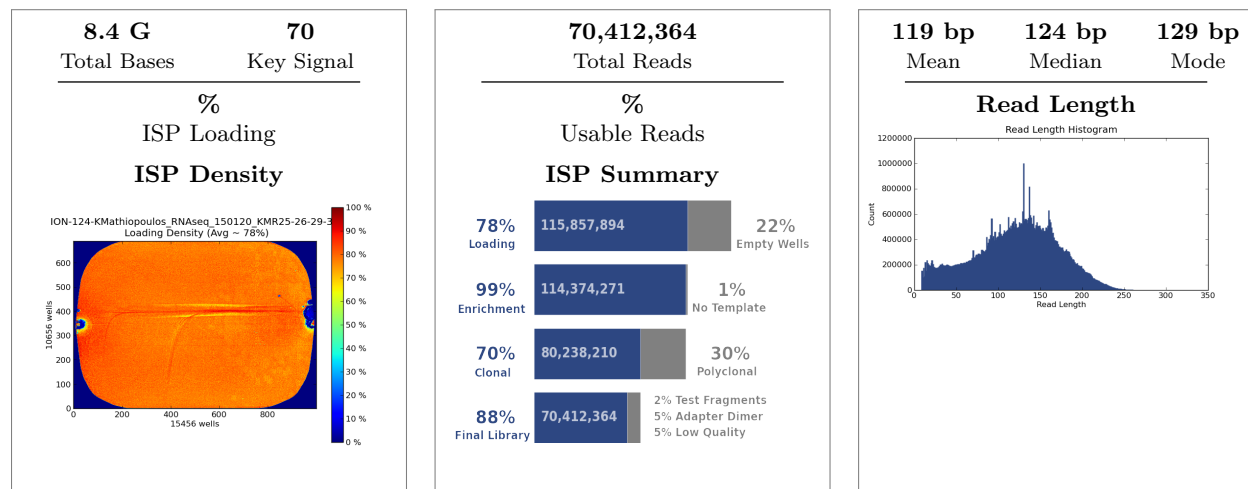


## Run Summary



**Addressable Wells**

With ISPs	
Live	
Test Fragment	
Library	

**Library ISPs**

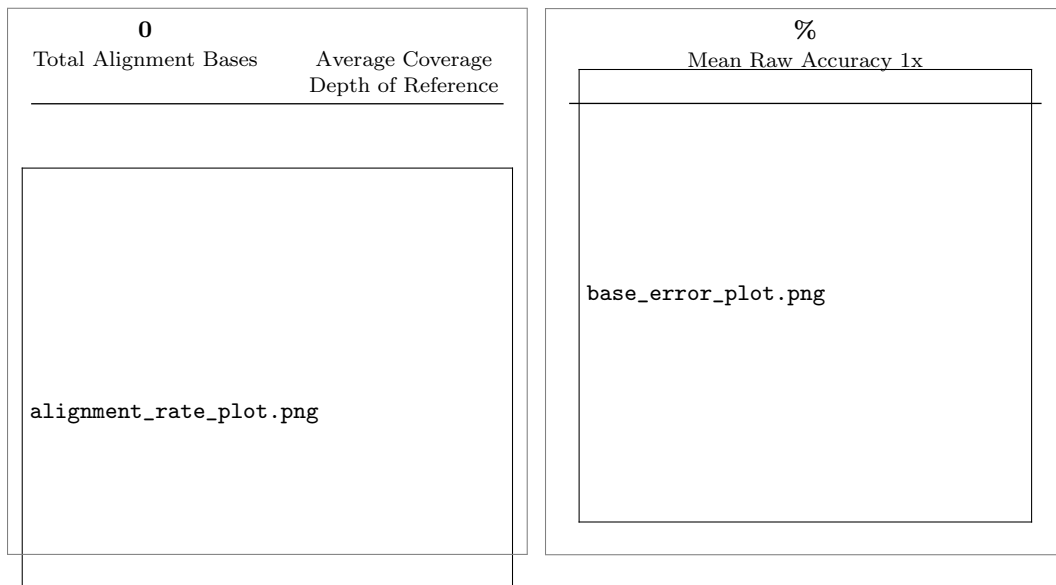
Filtered: Polyclonal	34,136,061
Filtered: Low Quality	5,483,825
Filtered: Primer Dimer	4,344,907
<b>Final Library ISPs</b>	<b>70,412,364</b>

Notes: KMathiopoulos-9RNAsamples\_KMR25-FAGsA1-bc1\_KMR26-FAGsA2-bc3\_KMR29-MAGsA1-bc4\_KMR30-MAGsA2-bc9

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	200,654,153	138,474,394	1,857,365	108 bp
IonXpressRNA_001	KMR25	2,099,224,639	1,586,284,513	19,345,731	109 bp
IonXpressRNA_003	KMR26	1,900,563,533	1,397,767,651	15,034,748	126 bp
IonXpressRNA_004	KMR29	2,447,440,758	1,835,710,309	20,140,852	122 bp
IonXpressRNA_009	KMR30	1,755,535,704	1,199,489,803	13,984,792	126 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
<b>TF_C</b>	<b>1,170,916</b>	<b>50%</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_2015.01.20_12.13.52_user_ION-124-KMathiopoulos_RNAseq_150120_KMR25-26-29-30
<b>Run Date</b>	Jan. 20, 2015, 12:15 p.m.
<b>Run Flows</b>	500
<b>Projects</b>	DrMathiopoulos_RNAseq
<b>Sample</b>	KMR30, KMR25, KMR26, KMR29
<b>Reference</b>	
<b>Instrument</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-124-KMathiopoulos_RNAseq_150120_KMR25-26-29-30_188
<b>Analysis Date</b>	Jan. 20, 2015, 7:09 p.m.
<b>Analysis Flows</b>	0
<b>runID</b>	D7Q4X

## Chef Summary

Ion Chef was not used for this run |

## 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