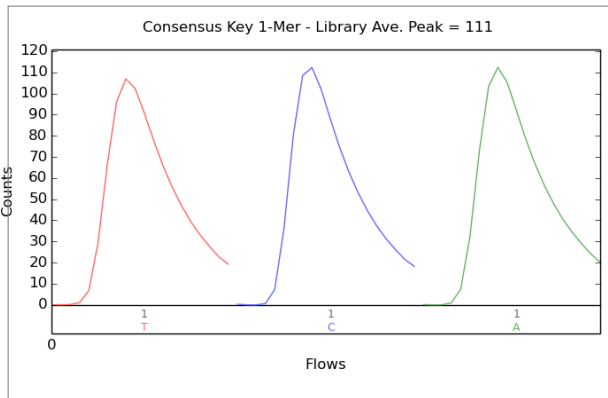
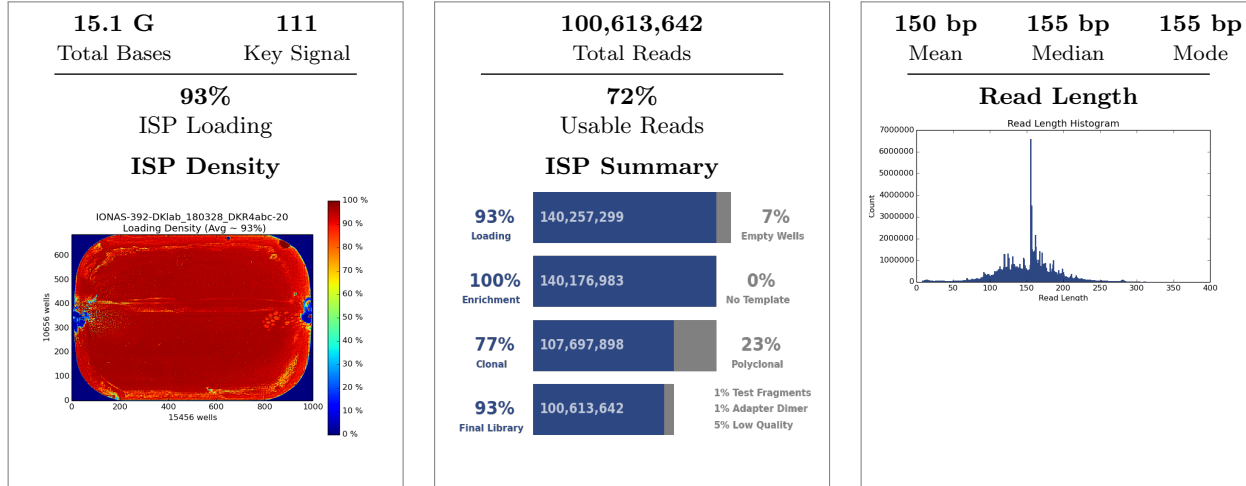


Run Summary




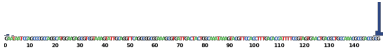
Addressable Wells		151,539,288
With ISPs	140,257,299	92.6%
Live	140,176,983	99.9%
Test Fragment	704,878	00.5%
Library	139,472,105	99.5%

Library ISPs		139,472,105
Filtered: Polyclonal	32,479,085	23.3%
Filtered: Low Quality	4,976,907	03.6%
Filtered: Adapter Dimer	1,402,471	01.0%
Final Library ISPs	100,613,642	72.1%

Notes: DKlab-2of21RIPRNAs_Test-StartingConcentration_Test-Kit

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length	Read Length Histogram
No barcode	none	264,881,469	221,384,658	2,052,925	129 bp	
IonXpressRNA_001	DKR4a-WT1M	2,632,900,656	2,355,759,333	16,672,706	157 bp	
IonXpressRNA_002	DKR20-HURRIPC57-2M	4,567,576,712	4,111,045,129	33,011,330	138 bp	
IonXpressRNA_014	DKR4b-WT1M	5,912,708,850	5,332,155,797	37,701,209	156 bp	
IonXpressRNA_016	DKR4c-WT1M	1,748,485,529	1,587,211,124	11,173,170	156 bp	

Run Report for IONAS-392-DKlab_180328_DKR4abc-20_Correct_BC

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	325,976	77	
TF_1	317,225	92	

Analysis Details

Run Name	R_2018.03.28.12.01.59_user_IONAS-392-DKlab_180328_DKR4abc-20
Run Date	March 28, 2018, 12:03 p.m.
Run Flows	520
Projects	DKLab_RNASeq
Sample	DKR4b-WT1M, DKR4a-WT1M, DKR20-HURRIPC57-2M, DKR4c-WT1M
Reference	
Instrument	IONAS
Operation Mode	Service mode
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Barcode	
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Chip Lot Number	QNS757
Chip Wafer	17
Barcode Set	IonXpressRNA
Analysis Name	IONAS-392-DKlab_180328_DKR4abc-20_Correct_BC
Analysis Date	March 29, 2018, 4:31 p.m.
Analysis Flows	0
runID	530S4
BeadFind Args	justBeadFind -args-json /opt/ion/config/args_P1.1.17_beadfind.json
Analysis Args	Analysis -args-json /opt/ion/config/args_P1.1.17_analysis.json
Pre-BaseCaller	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -phasing-residual-filter=2.0 -max-phasing-levels 2
Calibration Args	Calibration
BaseCaller Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10 -min-read-length 8 -phasing-residual-filter=2.0 -max-phasing-levels 2 -num-unfiltered 1000 -barcode-filter-postpone 1
Alignment Args	tmap mapall ... stage1 map4
IonStats Args	ionstats alignment
Analysis Parameters	default

Chef Summary

Ion Chef was not used for this run |

Software Version

Torrent_Suite	5.6.0
host	FW7DQV1
ion-analysis	5.6.8-1
ion-chefupdates	5.6.0
ion-dbreports	5.6.37-1
ion-gpu	5.6.0-1
ion-pipeline	5.6.12-1
ion-plugins	5.6.16-1
ion-protonupdates	5.6.0
ion-s5updates	5.6.0
ion-torrentpy	5.6.8-1
ion-torrentr	5.6.8-1
Script	2.1.42
LiveView	2334
DataCollect	3536
OIA	5603
OS	33
Graphics	89