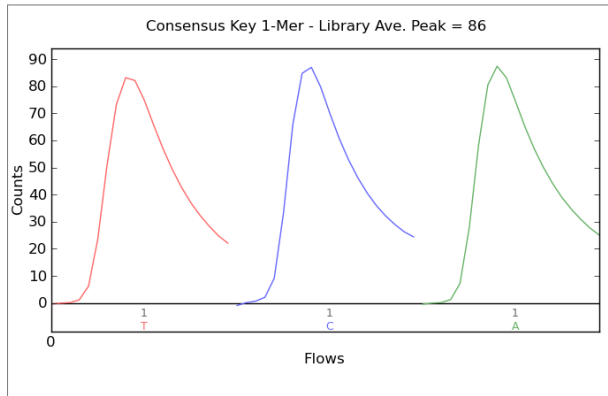
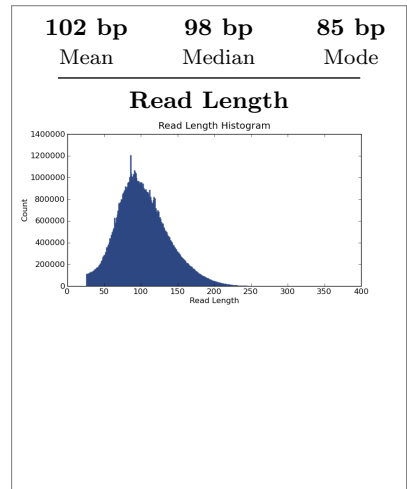
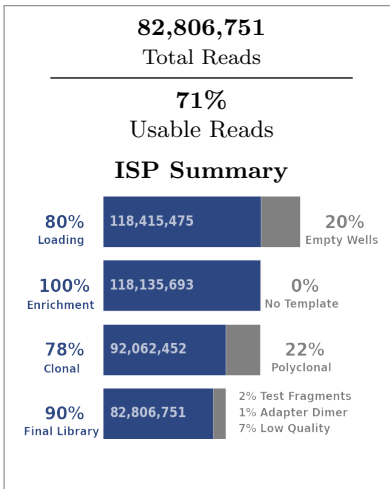
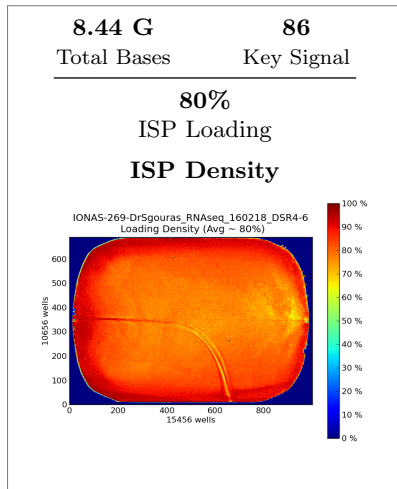


Run Summary



Addressable Wells	148,155,732	
With ISPs	118,415,475	79.9%
Live	118,135,693	99.8%
Test Fragment	1,703,378	01.4%
Library	116,432,315	98.6%
Library ISPs	116,432,315	
Filtered: Polyclonal	26,073,241	22.4%
Filtered: Low Quality	7,056,420	06.1%
Filtered: Adapter Dimer	514,025	00.4%
Final Library ISPs	82,806,751	71.1%

Notes: DrSgouras_12RNaseq_DSR4-ABCC2-bc1_DSR5-ABCCC1-bc2_DSR6-ABCCC2-bc3

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	128,554,710	100,326,559	1,116,624	115 bp
IonXpressRNA_004	DSR4-ABCC2	2,849,822,352	2,301,630,434	29,093,823	98 bp
IonXpressRNA_005	DSR5-ABCCC1	2,143,340,059	1,723,345,047	20,963,303	102 bp
IonXpressRNA_006	DSR6-ABCCC2	3,318,989,438	2,698,107,646	31,620,908	105 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,517,295	78%	

RNASeqAnalysis

Reference: hg19

Barcode Name	Sample	Total Reads	Aligned Reads	Percent Aligned	Mean Read Length	Genes Detected	Isoforms Detected
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Analysis Details

Run Name	R_2016_02_19_11_22_38_user_IONAS-269-DrSgouras_RNAseq_160218_DSR4-6
Run Date	Feb. 19, 2016, 11:24 a.m.
Run Flows	520
Projects	DrSgouras_RNAseq
Sample	DSR6-ABCCC2, DSR5-ABCCC1, DSR4-ABCC2
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip ID	DA0052324
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpressRNA
Analysis Name	Auto_user_IONAS-269-DrSgouras_RNAseq_160218_DSR4-6_366
Analysis Date	Feb. 19, 2016, 7:04 p.m.
Analysis Flows	0
runID	IQAYJ
BeadFind Args	justBeadFind -beadfind-minlivesnr 3 -region-size=216,224 -total-timeout 600
Analysis Args	Analysis -from-beadfind -clonal-filter-bkgmodel true -region-size=216,224 -bkg-bfmask-update false -gpuWorkLoad 1 -total-timeout 600 -gopt /opt/ion/config/gopt _p 1.1.17 _a mpliseq _e xome.param.json
Pre-BaseCaller Args for calibration	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 -phasing-residual-filter=2.0 -num-unfiltered 1000 -barcode-filter-postpone 1
Alignment Args	tmap mapall ... stage1 map4
IonStats Args	ionstats alignment
Analysis Parameters	default

Chef Summary

Chef Template Prep Information:

Chef Last Updated	Feb. 19, 2016, 10:36 a.m.
Chef Instrument Name	CHEF00509
Sample Position	2
Tip Rack Barcode	252060061
Chip Type 1	P1v2
Chip Type 2	P1v2
Chip Expiration 1	None
Chip Expiration 2	None
Templating Kit Type	ION PROTON IC 200 KIT
Reagent Expiration	01987
Reagent Lot Number	0023442
Reagent Part Number	100023442
Solution Lot Number	0022894
Solution Part Number	100022894
Solution Expiration	01986
Chef Script Version	261
Chef Package Version	IC.5.0.0

Software Version

Torrent_Suite	5.0.2
host	FW7DQV1
ion-analysis	5.0.7-1
ion-chefupdates	5.0.1
ion-dbreports	5.0.19-1
ion-gpu	5.0.0-1
ion-pipeline	5.0.12-1
ion-plugins	5.0.17-1
ion-protonupdates	5.0.2
ion-torrentr	5.0.0-1
Script	2.1.33
LiveView	2040
DataCollect	3191
OIA	5002
OS	29
Graphics	52
Ion.Chef	IC.5.0.0