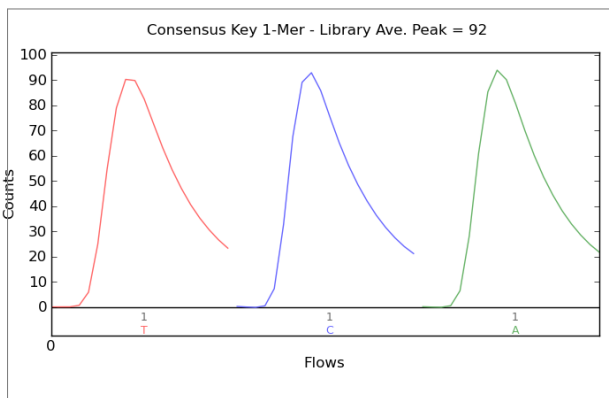
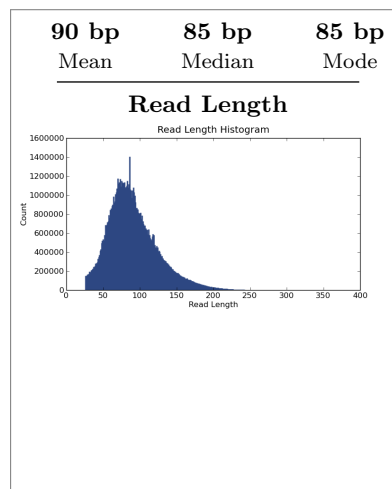
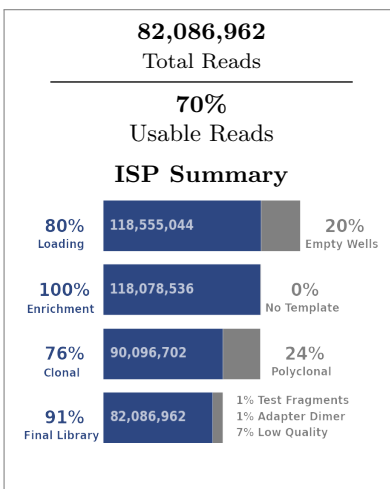
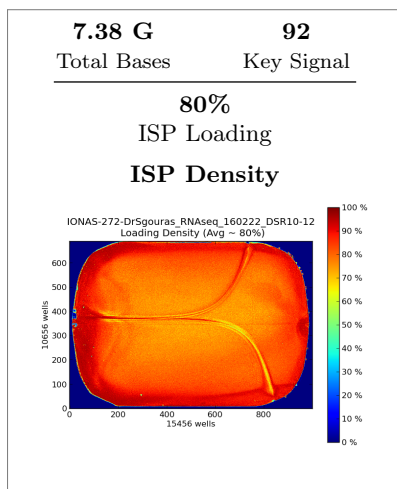


Run Summary



Addressable Wells	148,155,732	
With ISPs	118,555,044	80.0%
Live	118,078,536	99.6%
Test Fragment	1,580,501	01.3%
Library	116,498,035	98.7%
Library ISPs	116,498,035	
Filtered: Polyclonal	27,981,834	24.0%
Filtered: Low Quality	5,193,603	04.5%
Filtered: Adapter Dimer	1,289,462	01.1%
Final Library ISPs	82,086,962	70.5%

Notes: DrSgouras_12RNAseq_DSR10-ABFFF2-bc10_DSR11-AGS1-bc11_DSR12-AGS2-bc12

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length
No barcode	none	139,368,204	103,348,243	1,485,853	94 bp
IonXpressRNA_010	DSR10-ABFFF2	2,131,449,377	1,781,484,216	24,523,171	87 bp
IonXpressRNA_011	DSR11-AGS1	2,265,044,080	1,916,644,076	26,509,967	85 bp
IonXpressRNA_012	DSR12-AGS2	2,844,204,725	2,385,624,353	29,554,391	96 bp

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	1,290,393	82%	

RNASeqAnalysis

Analysis failed.

Analysis Details

Run Name	R_2016_02_23_14_37_59_user_IONAS-272-DrSgouras_RNAseq_160222_DSR10-12
Run Date	Feb. 23, 2016, 2:40 p.m.
Run Flows	520
Projects	DrSgouras_RNAseq
Sample	DSR11-AGS1, DSR10-ABFFF2, DSR12-AGS2
Reference	
Instrument	IONAS
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip ID	DA0052133
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Barcode Set	IonXpressRNA
Analysis Name	Auto_user_IONAS-272-DrSgouras_RNAseq_160222_DSR10-12_368
Analysis Date	Feb. 23, 2016, 10:04 p.m.
Analysis Flows	0
runID	00560
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. 23, 2016, 10:41 a.m.
Chef Instrument Name	CHEF00509
Sample Position	2
Tip Rack Barcode	2521900E8
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