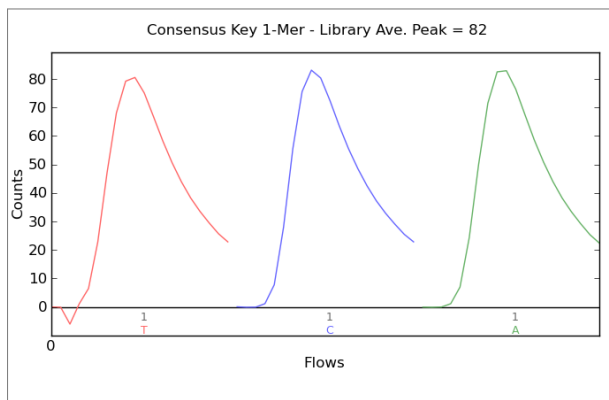
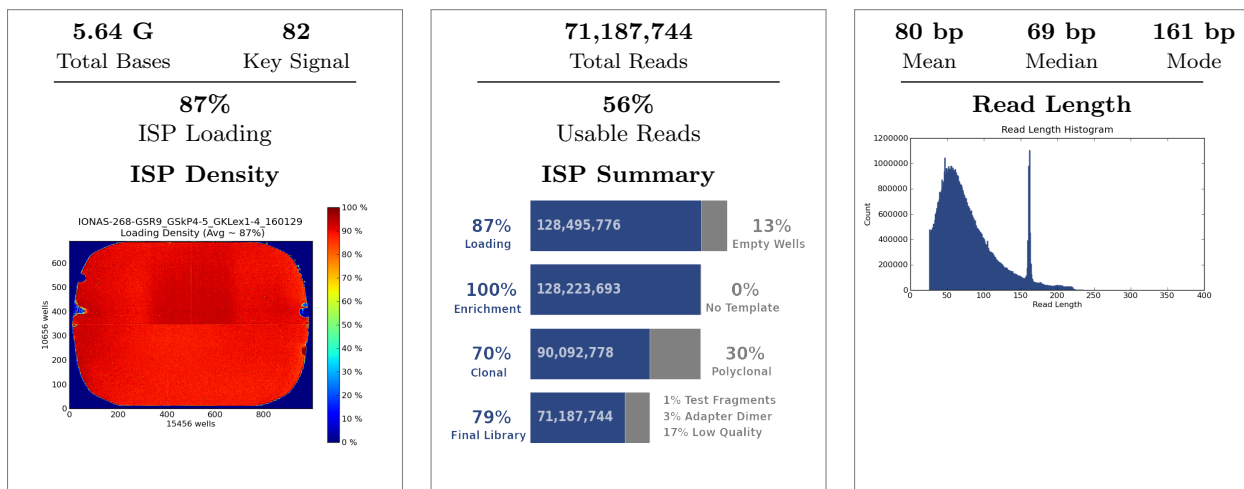


Run Summary



Addressable Wells		148,155,732
With ISPs	128,495,776	86.7%
Live	128,223,693	99.8%
Test Fragment	1,202,440	00.9%
Library	127,021,253	99.1%

Library ISPs		127,021,253
Filtered: Polyclonal	38,130,915	30.0%
Filtered: Low Quality	15,235,657	12.0%
Filtered: Adapter Dimer	2,479,177	02.0%
Final Library ISPs	71,187,744	56.0%

Notes: Test_Lexogen GKLex1_438-2-Sal GKLex2_438-3-Sal GKLex3_438-19-Hum GKLex4_438-23-Hum DrStath GSR9_mTECs-Balbc DrSkretas GSkP4_Ab42-Lib-Ilias GSkP5_SOD-Lib-Stefania

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length
No barcode	none	128,141,527	87,403,756	1,323,947	97 bp
IonXpressRNA_001	GKLex1-4382Sal	302,250,263	205,124,631	3,179,715	95 bp
IonXpressRNA_002	GKLex2-4383Sal	331,548,544	227,349,382	3,472,686	95 bp
IonXpressRNA_003	GKLex3-43819Hum	293,039,591	200,722,364	2,910,888	101 bp
IonXpressRNA_004	GKLex4-43823Hum	442,810,472	307,672,997	4,743,271	93 bp
IonXpressRNA_014	GSR9-mTECsBalbc	2,971,638,347	2,300,879,953	46,238,995	64 bp
IonXpressRNA_015	GSkP4-Ab42Lib	483,387,997	308,628,642	3,966,886	122 bp
IonXpressRNA_016	GSkP5-SODLib	691,917,038	460,893,888	5,138,815	135 bp

Test Fragment Reads Percent 50AQ17 Read Length Histogram

Analysis Details

Run Name	R_2016_01_29_13_01_36_user_IONAS-268-GSR9_GSkP4-5_GKLex1-4_160129
Run Date	Jan. 29, 2016, 1:03 p.m.
Run Flows	520
Projects	DrStathopoulos_RNAseq , LexoGen_QuantSeq , DrMatis_DNA
Sample	GSkP4-Ab42Lib, GKLex2-4383Sal, GKLex1-4382Sal, GKLex3-43819Hum, GSkP5-SODLib, GKLex4-43823Hum, GSR9-mTECsBalbc
Reference	IONAS
Instrument	TACGTACGTCTGAGCATCGATCGATGTACAGC
Flow Order	TCAG
Library Key	ATCG
TF Key	Passed
Chip ID	P1.1.17
Chip Check	tilted
Chip Type	IonXpressRNA
Chip Data	Auto_user_IONAS-268-GSR9_GSkP4-5_GKLex1-4_160129_364
Barcode Set	Jan. 29, 2016, 8:07 p.m.
Analysis Name	0
Analysis Date	VAQJ1
Analysis Flows	justBeadFind -beadfind-minlivesnr 3 -region-size=216,224 -total-timeout 600
runID	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_p1.1.17_a ^{mpliseq} .xome.param.json
BeadFind Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10
Analysis Args	-phasing-residual-filter=2.0 -max-phasing-levels 2
Pre-BaseCaller Args for calibration	Calibration
Calibration Args	BaseCaller -barcode-filter 0.01 -barcode-filter-minreads 10
BaseCaller Args	-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

Ion Chef was not used for this run |

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