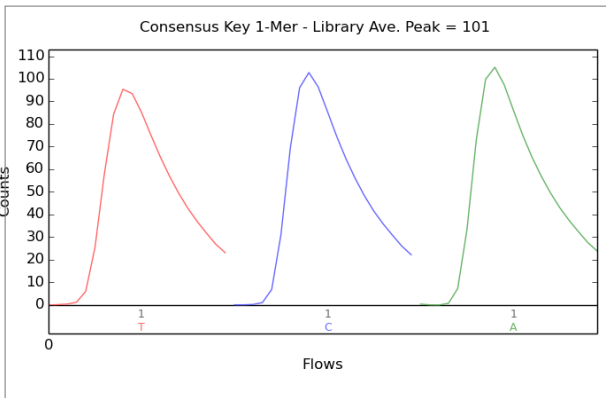
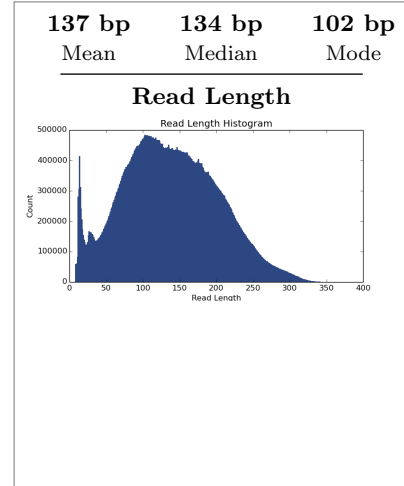
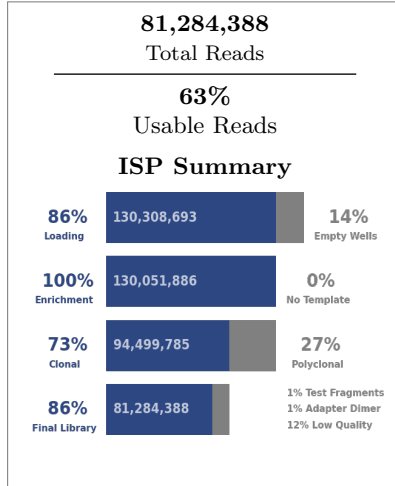
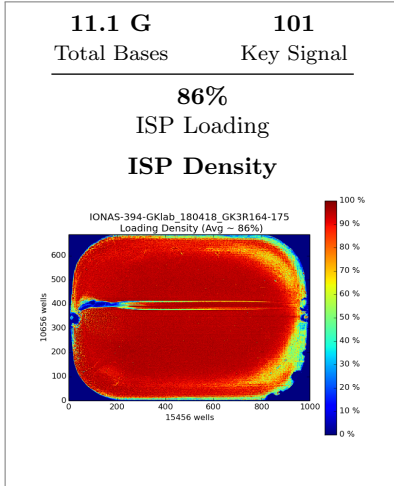


Run Summary






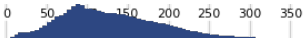

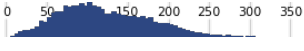


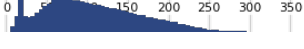











Addressable Wells		151,539,288
With ISPs	130,308,693	86.0%
Live	130,051,886	99.8%
Test Fragment	600,432	00.5%
Library	129,451,454	99.5%

Library ISPs		129,451,454
Filtered: Polyclonal	35,552,101	27.5%
Filtered: Low Quality	12,134,725	09.4%
Filtered: Adapter Dimer	480,240	00.4%
Final Library ISPs	81,284,388	62.8%

Notes: GKlab.VKoliaraki-GK3R164-169_APrado-GK3R170-175

Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length	Read Length Histogram
No barcode	none	8,054,599,269	6,495,423,874	58,711,518	137 bp	
BC01	none	10,876,627	9,728,606	78,904	137 bp	
BC02	none	7,848,590	7,032,312	59,523	131 bp	
BC03	none	11,754,776	10,348,059	97,259	120 bp	
BC04	none	16,054,641	14,135,579	121,061	132 bp	
BC05	none	15,357,687	13,813,874	110,479	139 bp	
BC06	none	6,904,311	6,199,704	53,424	129 bp	
BC07	none	18,300,454	16,383,641	132,823	137 bp	

Run Report for IONAS-394-GKlab_180418_GK3R164-175_RNAlexogenBCs

BC13	GK3R164-CL1	307,229,780	255,693,493	2,295,380	133 bp	
BC14	GK3R165-CL2	237,609,105	195,656,556	1,762,556	134 bp	
BC15	GK3R166-CL3	230,644,337	189,888,594	1,707,308	135 bp	
BC16	GK3R167-ML1	237,095,297	196,683,004	1,885,329	125 bp	
BC17	GK3R168-ML2	249,717,314	207,449,523	1,961,085	127 bp	
BC18	GK3R169-ML3	1,474,472	1,222,391	12,245	120 bp	
BC19	GK3R170-EPI1	162,493,450	135,047,439	1,313,800	123 bp	
BC20	GK3R171-EPI2	80,778,108	67,037,388	691,001	116 bp	
BC21	GK3R172-EPI3	52,445,988	43,702,191	492,899	106 bp	
BC22	GK3R173-EPI4	454,757	368,322	3,468	131 bp	
BC23	GK3R174-EPI5	126,237,322	103,828,325	953,505	132 bp	
BC24	GK3R175-EPI6	139,871,375	115,212,267	1,081,511	129 bp	
BC37	none	10,069,994	8,383,370	68,723	146 bp	
BC38	none	21,672,672	18,060,034	158,551	136 bp	
BC40	none	520,928,978	429,095,789	3,505,015	148 bp	
BC42	none	362,674,260	299,988,018	2,311,399	156 bp	
BC45	none	79,994,548	66,364,048	542,492	147 bp	
BC46	none	15,407,490	12,840,699	110,427	139 bp	
BC47	none	104,676,452	86,258,779	688,058	152 bp	
BC48	none	29,728,095	24,894,264	257,874	115 bp	

Test Fragment Reads Percent 50AQ17 Read Length Histogram

TF_C

334,781

85

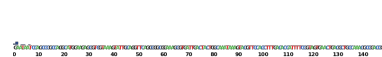


Run Report for IONAS-394-GKlab_180418_GK3R164-175_RNAlexogenBCs

TF_1

209,582

90



Analysis Details

Run Name	R_2018.04.18_11.44.10_user_IONAS-394-GKlab_180418_GK3R164-175
Run Date	April 18, 2018, 11:45 a.m.
Run Flows	520
Projects	GKLab_3RNAseq
Sample	GK3R173-EPI4, GK3R174-EPI5, GK3R175-EPI6, GK3R165-CL2, GK3R170-EPI1, GK3R172-EPI3, GK3R171-EPI2, GK3R166-CL3, GK3R169-ML3, GK3R164-CL1, GK3R167-ML1, GK3R168-ML2
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	QPK643
Chip Wafer	13
Barcode Set	Lexogen_RNA_48
Analysis Name	IONAS-394-GKlab_180418_GK3R164-175_RNAlexogenBCs
Analysis Date	April 20, 2018, 9:14 p.m.
Analysis Flows	0
runID	NA5CQ
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