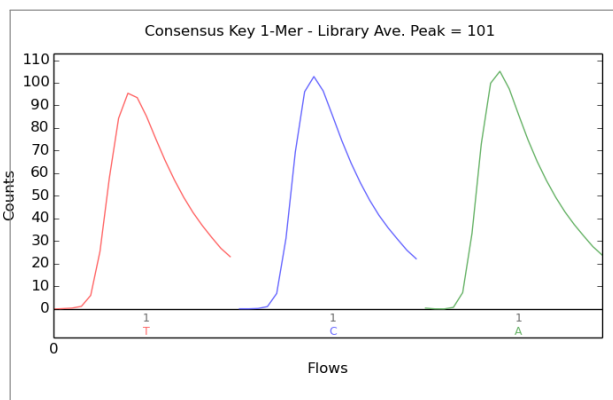
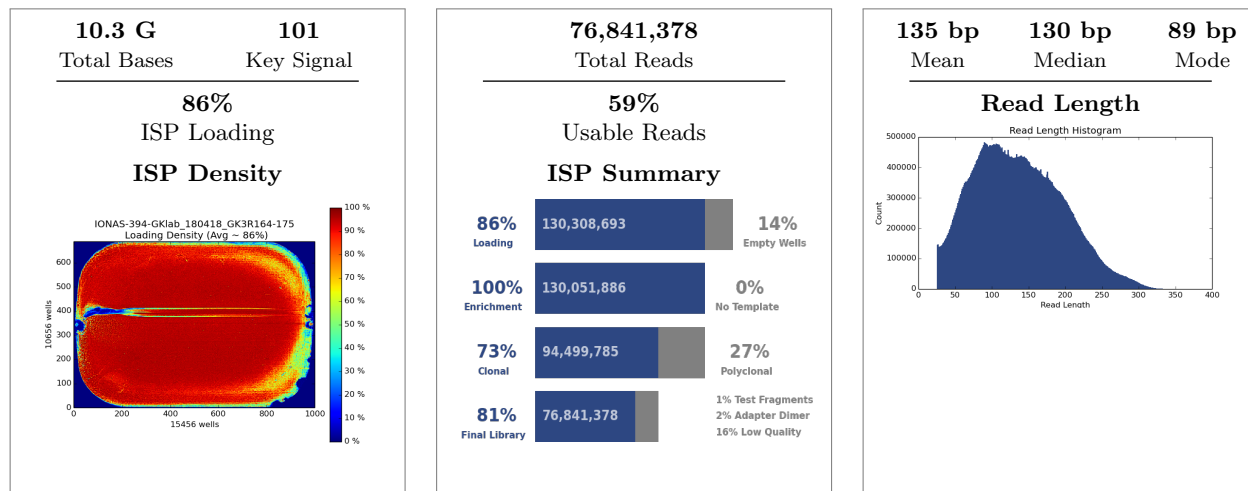


Run Summary






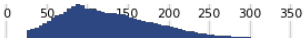

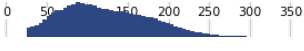


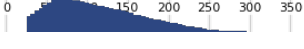







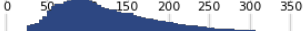





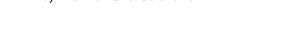
Addressable Wells		151,539,288
With ISPs	130,308,693	86.0%
Live	130,051,886	99.8%
Test Fragment	600,432	00.5%
Library	129,451,454	99.5%

Library ISPs		129,451,454
Filtered: Polyclonal	35,552,101	27.5%
Filtered: Low Quality	15,384,614	11.9%
Filtered: Adapter Dimer	1,673,361	01.3%
Final Library ISPs	76,841,378	59.4%


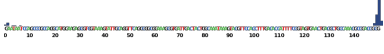
Notes: GKlab.VKoliaraki-GK3R164-169_APrado-GK3R170-175

Barcode Name	Sample	Bases	≥ Q20	Reads	Mean Read Length	Read Length Histogram
No barcode	none	847,958,582	674,968,760	6,274,555	135 bp	
IonXpress_001	none	36,741,681	31,956,146	270,385	135 bp	
IonXpress_002	none	19,216,365	16,788,428	146,653	131 bp	
IonXpress_003	none	34,389,250	29,527,502	288,312	119 bp	
IonXpress_004	none	36,339,754	31,188,810	279,526	130 bp	
IonXpress_005	none	36,443,582	31,964,590	265,883	137 bp	
IonXpress_006	none	19,433,561	16,910,627	151,728	128 bp	
IonXpress_007	none	53,292,193	46,264,969	390,454	136 bp	

Run Report for Auto_user_IONAS-394-GKlab_180418_GK3R164-175_559

IonXpress_013	GK3R164-CL1	792,719,472	645,745,225	5,978,049	132 bp	
IonXpress_014	GK3R165-CL2	677,169,152	546,845,433	5,086,144	133 bp	
IonXpress_015	GK3R166-CL3	597,810,117	479,894,124	4,458,182	134 bp	
IonXpress_016	GK3R167-ML1	598,697,471	486,739,792	4,826,171	124 bp	
IonXpress_017	GK3R168-ML2	687,723,545	556,945,494	5,357,985	128 bp	
IonXpress_018	GK3R169-ML3	347,149,535	277,541,666	2,841,416	122 bp	
IonXpress_019	GK3R170-EPI1	406,141,735	331,312,729	3,167,530	128 bp	
IonXpress_020	GK3R171-EPI2	223,220,499	181,941,237	1,879,264	118 bp	
IonXpress_021	GK3R172-EPI3	188,129,591	153,416,707	1,681,849	111 bp	
IonXpress_022	GK3R173-EPI4	259,483,469	209,423,540	1,963,169	132 bp	
IonXpress_023	GK3R174-EPI5	364,353,937	292,545,334	2,711,091	134 bp	
IonXpress_024	GK3R175-EPI6	424,485,856	342,576,499	3,207,489	132 bp	
IonXpress_037	none	35,884,543	29,178,611	245,993	145 bp	
IonXpress_038	none	54,415,066	44,366,127	398,232	136 bp	
IonXpress_040	none	1,802,453,616	1,455,379,634	12,410,574	145 bp	
IonXpress_041	none	29,571,324	24,380,534	251,850	117 bp	
IonXpress_042	none	1,030,357,800	836,845,304	6,737,709	152 bp	
IonXpress_043	none	23,273,002	18,915,160	194,193	119 bp	
IonXpress_044	none	63,037,371	52,063,121	474,842	132 bp	
IonXpress_045	none	174,544,361	141,496,492	1,187,353	147 bp	
IonXpress_046	none	36,106,373	29,433,490	259,909	138 bp	
IonXpress_047	none	360,566,952	291,175,587	2,381,944	151 bp	
IonXpress_048	none	76,922,277	62,997,809	678,337	113 bp	

Run Report for Auto_user_IONAS-394-GKlab_180418_GK3R164-175_559

Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	334,736	85	
TF_1	209,559	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	IonXpress
Analysis Name	Auto_user_IONAS-394-GKlab_180418_GK3R164-175_559
Analysis Date	April 18, 2018, 7:13 p.m.
Analysis Flows	0
runID	244UM
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 -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