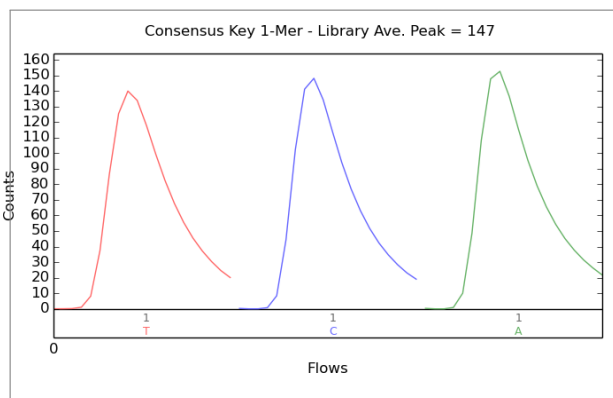
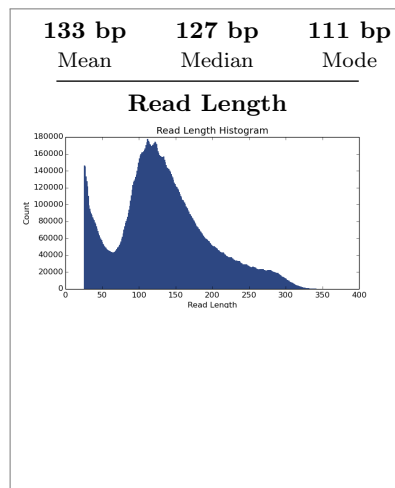
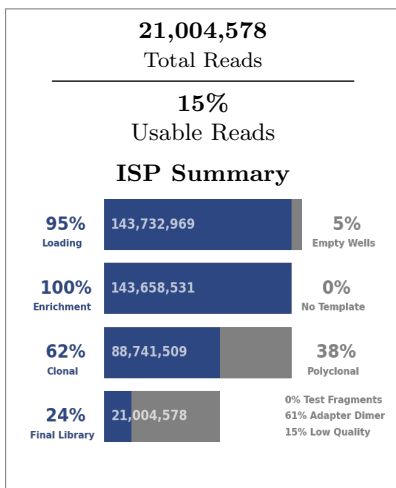
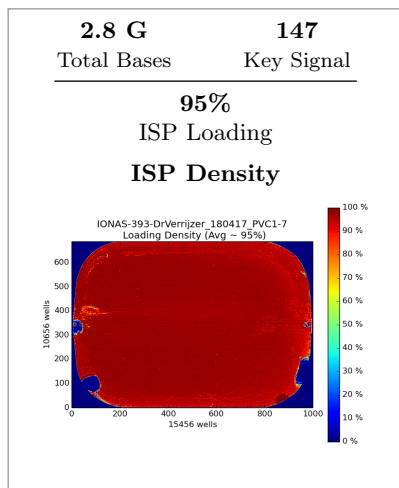


Run Summary



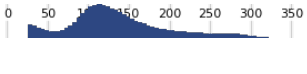

Addressable Wells		151,539,288
With ISPs	143,732,969	94.8%
Live	143,658,531	99.9%
Test Fragment	328,375	00.2%
Library	143,330,156	99.8%


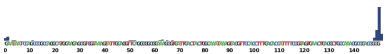
Library ISPs		143,330,156
Filtered: Polyclonal	54,917,022	38.3%
Filtered: Low Quality	13,651,406	09.5%
Filtered: Adapter Dimer	53,757,150	37.5%
Final Library ISPs	21,004,578	14.7%

Notes: DrPVerrijzer_JanvanderKnaap-7-DrosophilaChIP

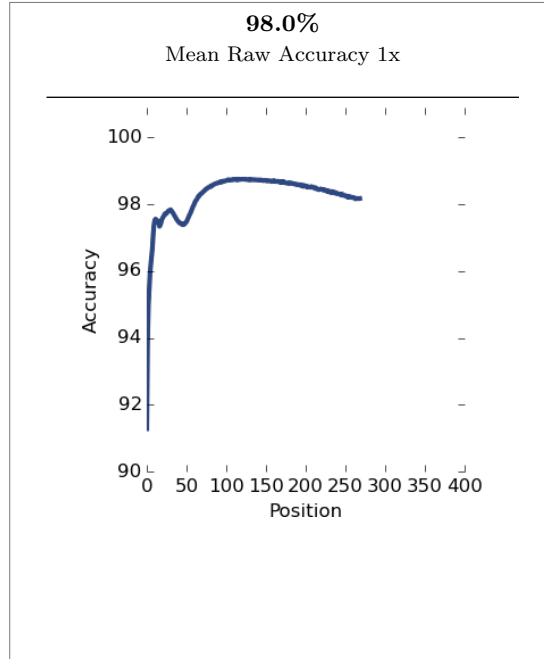
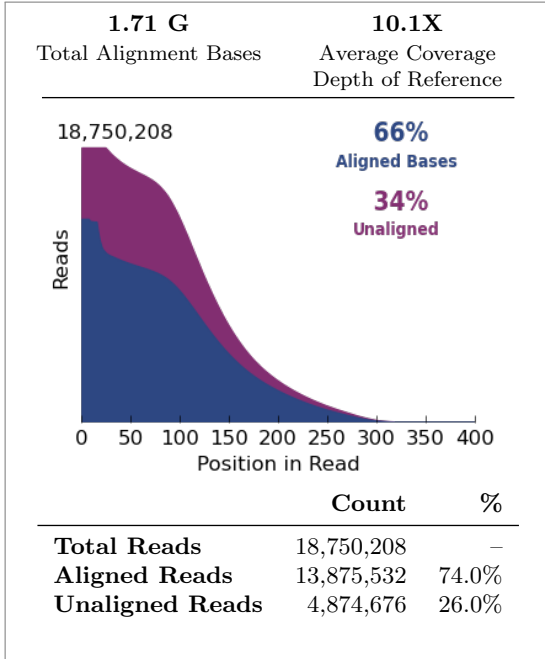
Barcode Name	Sample	Bases	$\geq Q20$	Reads	Mean Read Length	Read Length Histogram
No barcode	none	231,661,915	163,593,146	2,251,250	102 bp	
IonXpress_001	PVC1-GFPBrm1	325,920,434	275,414,538	2,408,101	135 bp	
IonXpress_002	PVC2-GFPBrm2	271,280,694	232,560,547	1,958,917	138 bp	
IonXpress_003	PVC3-GFPK804R1	261,513,869	227,295,648	1,966,789	132 bp	
IonXpress_004	PVC4-GFPK804R2	427,814,677	370,971,031	3,136,503	136 bp	
IonXpress_005	PVC5-S2mock1	421,551,211	364,725,613	3,137,269	134 bp	

Run Report for Auto_user_IONAS-393-DrVerrijzer_180417_PVC1-7_558

IonXpress.006	PVC6-S2mock2	286,548,154	246,460,613	2,127,761	134 bp	
IonXpress.007	PVC7-InputBrm	575,575,569	483,153,004	4,014,868	143 bp	

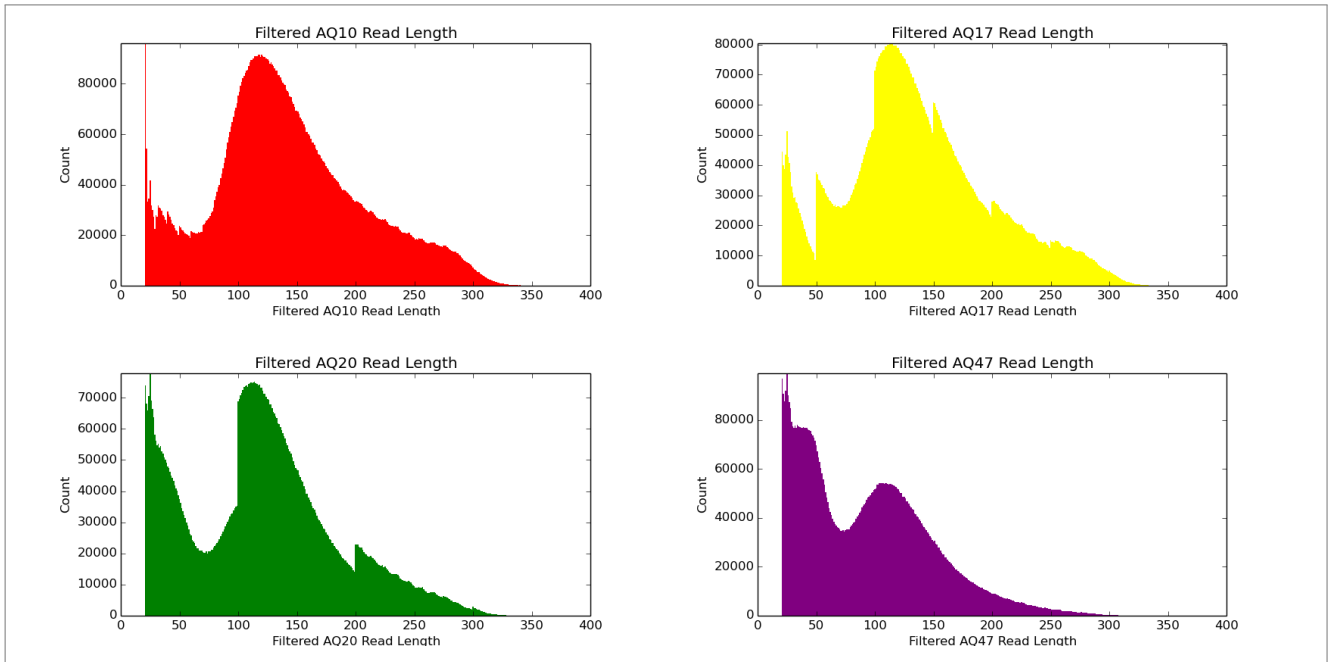
Test Fragment	Reads	Percent 50AQ17	Read Length Histogram
TF_C	254,897	91	
TF_1	42,693	87	

Alignment Summary (aligned to *Drosophila melanogaster*)



	Alignment Quality		
	AQ17	AQ20	Perfect
Total Number of Bases [Mbp]	1.32 G	1.06 G	760 M
Mean Length [bp]	136	121	93
Longest Alignment [bp]	378	363	350
Mean Coverage Depth	7.8	6.3	4.5

Run Report for Auto_user_IONAS-393-DrVerrijzer_180417_PVC1-7_558



Analysis Details

Run Name	R_2018.04.17_12_26_56_user_IONAS-393-DrVerrijzer_180417_PVC1-7
Run Date	April 17, 2018, 12:28 p.m.
Run Flows	520
Projects	DrVerrijzer_ChIPseq
Sample	PVC3-GFPK804R1, PVC5-S2mock1, PVC1-GFPBrm1, PVC4-GFPK804R2, PVC2-GFPBrm2, PVC7-InputBrm, PVC6-S2mock2
Reference	
Instrument	IONAS
Operation Mode	Service mode
Flow Order	TACGTACGTCTGAGCATCGATCGATGTACAGC
Library Key	TCAG
TF Key	ATCG
Chip Barcode	DACJ02527
Chip Check	Passed
Chip Type	P1.1.17
Chip Data	tiled
Chip Lot Number	QNS757
Chip Wafer	17
Barcode Set	IonXpress
Analysis Name	Auto_user_IONAS-393-DrVerrijzer_180417_PVC1-7_558
Analysis Date	April 17, 2018, 6:42 p.m.
Analysis Flows	0
runID	XP1LZ
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