Review Plan: BoteroExperimentalEvolution002A HCT_PU
Report: Auto_user_sn247770187-250-BoteroExperimentalEvolution002A_HCT_PU_369

Application

Application Group: DNA
Sample Grouping:
Target Technique: Generic Sequencing
Sample Set:

Kits

Sample Preparation Kit:
Library Kit: Ion Xpress Plus Fragment Library Kit
Library Key: TCAG
3' Adapter: ATCACCGACTGCCCATAGAGAGGCTGAGAC
Flow Order: TACGTACGTCTGAGCATCGATCGATGTACAGC
Template Kit: Ion PI Hi-Q Chef Kit
Templating Size: 200
Templating Protocol: (use instrument default)
Sequencing Kit: Ion PI Hi-Q Sequencing 200 Kit
Control Sequence:
Library Read Length: 236
Flows: 520
Chip Type: Ion PI™ Chip
Barcode Set: HCT_barcode_set_PU
Mark as PCR Duplicates: False
Base Calibration Mode: Default Calibration
Enable Realignment: False

Monitoring

Bead Loading (%)   ≤ 30
Key Signal (1-100)   ≤ 30
Usable Sequence (%) ≤ 30

Reference

Reference Library:
Target Regions:
Hotspot Regions:

Plugins & Output

Plugins:
Projects:
Uploaders:

Notes

LIMS Meta Data

Plan Meta Data:

TS version when created: 5.2.2
Plan created via: GUI

Barcodes & Samples

Sample Tube Label:	00355120
Chip ID:	DACI11775

Barcode ID	Sequence	Sample Name	DNA/RNA
IonXpress_017	TCTATTCGTC	Ion_17	DNA
IonXpress_018	AGGCAATTGC	Ion_18	
IonXpress_019	TTAGTCGGAC	Ion_19	
IonXpress_020	CAGATCCATC	Ion_20	
IonXpress_021	TCGCAATTAC	Ion_21	
IonXpress_022	TTCGAGACGC	Ion_22	
IonXpress_023	TGCCACGAAC	Ion_23	
IonXpress_024	AACCTCATTC	Ion_24	
IonXpress_025	GGTGAGATAC	Ion_25	

Analysis Parameters Used (Custom)

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 --mixed-first-flow 12 --mixed-last-flow 120
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 --max-phasing-levels 2 --num-unfiltered 1000 --barcode-filter-postpone 1
Alignment Args:	tmap mapall ... stage1 map4
IonStats Args:	ionstats alignment

History

Date	User	
May 11, 2017, 10:33 a.m.	ionuser	Created Planned Run: BoteroExperimentalEvolution002A_HCT_PU (376)

Parameter	Old Value
barcodeSampleTubeLabel	00355120

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isSameRefInfoPerSample True   on

May
15,
2017, ionuser Updated Planned Run: BoteroExperimentalEvolution002A_HCT_PU (376).
1:38
p.m.

Parameter	Old Value	New Value
flowsInOrder		TACGTACGTCTGAGCATCGATCGATGTACAGC
pgmName		sn247770187
platform		PROTON
storageHost		localhost
expName		R_2017_05_16_12_27_26_user_sn247770187-250-BoteroExperimentalEvolution002A_HCT_PU
sequencekitbarcode		20071
usePreBeadfind	True	
reverse_primer	None	Ion Kit
cycles	0	16
seqKitBarcode		20071

May
16,
2017, system
12:34
p.m.

View Plugin Configuration

May
16,
2017, system Updated Planned Run from explog: BoteroExperimentalEvolution002A_HCT_PU (376).
12:34
p.m.

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