



Overall QC Status: PASS

Sample QC Status: PASS

Fusion QC Status: PASS

Variations QC Status: PASS

Job: 20220421_AS22013_14 [4729]

Type: RNA FusionRNA SNP/InDel Targeted Mutations: Archer

Comprehensive Targets NIH v1.3.1 2 Include Non-Targeted

Variants: No

Software Version: Suite_Analysis_v6.2.7

Analysis Date: 21-Apr-2022 2:13

Report Creator: mpvghtpe@gmail.com

Report Date: 20-Jun-2023 3:18

Statistics

Molecular Barcode Statistics

Total Fragments	Fragments with Complete Adapter	Number of Reads After Trimming Adapters
3,500,000	3,289,976	3,145,322

Read Statistics

Type	Total Fragments (# / %)	Mapped (# / %)	Pass Alignment Filter (%)	On Target (%)
All Fragments	3,133,165 / 100.0	3,133,165 / 100.0	100.0	97.8
Unique Fragments	86,187 / 2.8	86,187 / 100.0	100.0	69.3

DNA/RNA Statistics

Type	DNA Reads (# / %)	RNA Reads (# / %)	Ambiguous Reads (# / %)
All Fragments	308,327.0 / 10.1	2,342,260.0 / 76.4	414,063.0 / 13.5
Molecular Bins	6,626.0 / 11.1	37,422.0 / 62.7	15,634.0 / 26.2
Average Molecular Bins per GSP2	11.29	63.75	26.63
Unique Start Sites	2,825.0 / 17.8	10,328.0 / 65.0	4,301.0 / 27.1
Average Unique Start Sites per GSP2	4.88	19.78	7.81
Average Unique Start Sites per GSP2 Control	7.0	53.58	7.42

QC Statistics

Avg. Unique DNA And Ambiguous Start Sites Per GSP2	Avg. Unique RNA Start Sites Per GSP2 Control
12.67	53.58

Miscellaneous Statistics

On Target Deduplication Ratio
51.35:1

DNA/RNA Fragment Lengths

DNA Median Fragment Length	DNA Mean Fragment Length	RNA Median Fragment Length	RNA Mean Fragment Length
78.0	86.1	96.0	105.2

Reportable Variants

None Found

Reportable Isoforms

None Found