



Overall QC Status: PASS
Sample QC Status: PASS
Fusion QC Status: PASS
Variations QC Status: PASS
Job: 20230809_AS23042_AS23043 [3488]
Type: RNA FusionRNA SNP/InDel Targeted Mutations: Archer
 Comprehensive Targets NIH v1.3.1 Include Non-Targeted
 Variants: No
Software Version: Suite_Analysis_v6.2.7
Analysis Date: 09-Aug-2023 1:50
Report Creator: mpvghtpe@gmail.com
Report Date: 09-Aug-2023 2:46

Statistics

Molecular Barcode Statistics

Total Fragments	Fragments with Complete Adapter	Number of Reads After Trimming Adapters
3,500,000	3,301,233	3,079,555

Read Statistics

Type	Total Fragments (# / %)	Mapped (# / %)	Pass Alignment Filter (%)	On Target (%)
All Fragments	3,065,439 / 100.0	3,065,439 / 100.0	100.0	98.5
Unique Fragments	394,636 / 12.9	394,636 / 100.0	100.0	98.3

DNA/RNA Statistics

Type	DNA Reads (# / %)	RNA Reads (# / %)	Ambiguous Reads (# / %)
All Fragments	411,561.0 / 13.6	2,173,790.0 / 72.0	434,625.0 / 14.4
Molecular Bins	56,622.0 / 14.6	247,290.0 / 63.7	84,111.0 / 21.7
Average Molecular Bins per GSP2	85.92	375.25	127.63
Unique Start Sites	16,747.0 / 31.1	31,909.0 / 59.2	12,800.0 / 23.8
Average Unique Start Sites per GSP2	26.27	61.27	22.14
Average Unique Start Sites per GSP2 Control	49.67	164.92	34.75

QC Statistics

Avg. Unique DNA And Ambiguous Start Sites Per GSP2	Avg. Unique RNA Start Sites Per GSP2 Control
48.13	164.92

Miscellaneous Statistics

On Target Deduplication Ratio
7.78:1

DNA/RNA Fragment Lengths

DNA Median Fragment Length	DNA Mean Fragment Length	RNA Median Fragment Length	RNA Mean Fragment Length
108.0	120.9	118.0	123.3

Reportable Variants

None Found

Reportable Isoforms

None Found