



Overall QC Status: PASS
Sample QC Status: PASS
Fusion QC Status: PASS
Variations QC Status: PASS
Job: 20211021 AS21004 AS21005 [3440]
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: 21-Oct-2021 6:34
Report Creator: mpvghtpe@gmail.com
Report Date: 19-Jun-2023 2:34

Statistics

Molecular Barcode Statistics

Total Fragments	Fragments with Complete Adapter	Number of Reads After Trimming Adapters
3,500,000	3,319,680	3,180,775

Read Statistics

Type	Total Fragments (# / %)	Mapped (# / %)	Pass Alignment Filter (%)	On Target (%)
All Fragments	3,168,481 / 100.0	3,168,481 / 100.0	100.0	99.2
Unique Fragments	82,209 / 2.6	82,209 / 100.0	100.0	98.6

DNA/RNA Statistics

Type	DNA Reads (# / %)	RNA Reads (# / %)	Ambiguous Reads (# / %)
All Fragments	256,547.0 / 8.2	2,257,792.0 / 71.8	629,176.0 / 20.0
Molecular Bins	6,653.0 / 8.2	49,648.0 / 61.3	24,732.0 / 30.5
Average Molecular Bins per GSP2	11.33	84.58	42.13
Unique Start Sites	3,578.0 / 21.1	10,616.0 / 62.7	4,956.0 / 29.3
Average Unique Start Sites per GSP2	6.23	20.62	9.56
Average Unique Start Sites per GSP2 Control	8.25	52.42	7.58

QC Statistics

Avg. Unique DNA And Ambiguous Start Sites Per GSP2	Avg. Unique RNA Start Sites Per GSP2 Control
15.68	52.42

Miscellaneous Statistics

On Target Deduplication Ratio
38.79:1

DNA/RNA Fragment Lengths

DNA Median Fragment Length	DNA Mean Fragment Length	RNA Median Fragment Length	RNA Mean Fragment Length
98.0	111.3	105.0	112.9

Reportable Variants

None Found

Reportable Isoforms

None Found