## Experiment Properties

Analyte Types: miRNA, SYSTEM
RLF Name: NS_H_MIR_V3B
Experiment Name: qc check
Experiment Owner:
Experiment Protocol:
Experiment Description:

## Raw Data

| | File Name | Treatment Group | Description | Batch ID | Sample Name |
|---|---|---|---|---|---|
| 1 | 20220818_210034191023-1_002A_01.RCC | 20220818_210034191023-1_002A_01.RCC | | | 002A |
| 2 | 20220818_210034191023-1_002B_06.RCC | 20220818_210034191023-1_002B_06.RCC | | | 002B |
| 3 | 20220818_210034191023-1_005A_02.RCC | 20220818_210034191023-1_005A_02.RCC | | | 005A |
| 4 | 20220818_210034191023-1_005B_08.RCC | 20220818_210034191023-1_005B_08.RCC | | | 005B |
| 5 | 20220818_210034191023-1_007A_07.RCC | 20220818_210034191023-1_007A_07.RCC | | | 007A |
| 6 | 20220818_210034191023-1_007B_12.RCC | 20220818_210034191023-1_007B_12.RCC | | | 007B |
| 7 | 20220818_210034191023-1_008A_11.RCC | 20220818_210034191023-1_008A_11.RCC | | | 008A |
| 8 | 20220818_210034191023-1_008B_04.RCC | 20220818_210034191023-1_008B_04.RCC | | | 008B |
| 9 | 20220818_210034191023-1_010A_09.RCC | 20220818_210034191023-1_010A_09.RCC | | | 010A |
| 10 | 20220818_210034191023-1_010B_05.RCC | 20220818_210034191023-1_010B_05.RCC | | | 010B |
| 11 | 20220818_210034191023-1_012A_10.RCC | 20220818_210034191023-1_012A_10.RCC | | | 012A |
| 12 | 20220818_210034191023-1_012B_03.RCC | 20220818_210034191023-1_012B_03.RCC | | | 012B |
| 13 | 20220818_210034201023-1_013A_04.RCC | 20220818_210034201023-1_013A_04.RCC | | | 013A |
| 14 | 20220818_210034201023-1_013B_06.RCC | 20220818_210034201023-1_013B_06.RCC | | | 013B |
| 15 | 20220818_210034201023-1_014A_02.RCC | 20220818_210034201023-1_014A_02.RCC | | | 014A |
| 16 | 20220818_210034201023-1_014B_08.RCC | 20220818_210034201023-1_014B_08.RCC | | | 014B |
| 17 | 20220818_210034201023-1_016A_07.RCC | 20220818_210034201023-1_016A_07.RCC | | | 016A |
| 18 | 20220818_210034201023-1_016B_12.RCC | 20220818_210034201023-1_016B_12.RCC | | | 016B |
| 19 | 20220818_210034201023-1_017A_11.RCC | 20220818_210034201023-1_017A_11.RCC | | | 017A |
| 20 | 20220818_210034201023-1_017B_01.RCC | 20220818_210034201023-1_017B_01.RCC | | | 017B |
| 21 | 20220818_210034201023-1_019A_09.RCC | 20220818_210034201023-1_019A_09.RCC | | | 019A |
| 22 | 20220818_210034201023-1_019B_05.RCC | 20220818_210034201023-1_019B_05.RCC | | | 019B |
| 23 | 20220818_210034201023-1_020A_10.RCC | 20220818_210034201023-1_020A_10.RCC | | | 020A |
| 24 | 20220818_210034201023-1_020B_03.RCC | 20220818_210034201023-1_020B_03.RCC | | | 020B |
| 25 | 20220818_210034211023-1_022A_01.RCC | 20220818_210034211023-1_022A_01.RCC | | | 022A |
| 26 | 20220818_210034211023-1_022B_06.RCC | 20220818_210034211023-1_022B_06.RCC | | | 022B |
| 27 | 20220818_210034211023-1_023A_02.RCC | 20220818_210034211023-1_023A_02.RCC | | | 023A |
| 28 | 20220818_210034211023-1_023B_08.RCC | 20220818_210034211023-1_023B_08.RCC | | | 023B |
| 29 | 20220818_210034211023-1_024A_07.RCC | 20220818_210034211023-1_024A_07.RCC | | | 024A |
| 30 | 20220818_210034211023-1_024B_12.RCC | 20220818_210034211023-1_024B_12.RCC | | | 024B |
| 31 | 20220818_210034211023-1_026A_11.RCC | 20220818_210034211023-1_026A_11.RCC | | | 026A |
| 32 | 20220818_210034211023-1_026B_04.RCC | 20220818_210034211023-1_026B_04.RCC | | | 026B |
| 33 | 20220818_210034211023-1_027A_09.RCC | 20220818_210034211023-1_027A_09.RCC | | | 027A |
| 34 | 20220818_210034211023-1_027B_05.RCC | 20220818_210034211023-1_027B_05.RCC | | | 027B |
| 35 | 20220818_210034211023-1_031A_10.RCC | 20220818_210034211023-1_031A_10.RCC | | | 031A |
| 36 | 20220818_210034211023-1_031B_03.RCC | 20220818_210034211023-1_031B_03.RCC | | | 031B |
| 37 | 20220818_210034221023-1_030A_01.RCC | 20220818_210034221023-1_030A_01.RCC | | | 030A |
| 38 | 20220818_210034221023-1_034A_05.RCC | 20220818_210034221023-1_034A_05.RCC | | | 034A |
| 39 | 20220818_210034221023-1_034B_02.RCC | 20220818_210034221023-1_034B_02.RCC | | | 034B |
| 40 | 20220818_210034221023-1_035A_07.RCC | 20220818_210034221023-1_035A_07.RCC | | | 035A |

| | File Name | Treatment Group | Description | Batch ID | Sample Name |
|---|---|---|---|---|---|
| 41 | 20220818_210034221023-1_035B_06.RCC | 20220818_210034221023-1_035B_06.RCC | | | 035B |
| 42 | 20220818_210034221023-1_039A_09.RCC | 20220818_210034221023-1_039A_09.RCC | | | 039A |
| 43 | 20220818_210034221023-1_039B_08.RCC | 20220818_210034221023-1_039B_08.RCC | | | 039B |
| 44 | 20220818_210034221023-1_041A_04.RCC | 20220818_210034221023-1_041A_04.RCC | | | 041A |
| 45 | 20220818_210034221023-1_041Adup_11.RCC | 20220818_210034221023-1_041Adup_11.RCC | | | 041Adup |
| 46 | 20220818_210034221023-1_041B_10.RCC | 20220818_210034221023-1_041B_10.RCC | | | 041B |
| 47 | 20220818_210034221023-1_041Bdup_12.RCC | 20220818_210034221023-1_041Bdup_12.RCC | | | 041Bdup |
| 48 | 20220818_210034221023-1_042A_03.RCC | 20220818_210034221023-1_042A_03.RCC | | | 042A |

## QC Tests Performed

| | File Name | Sample Name | Imaging QC Flag | Imaging QC | Imaging QC Threshold | Binding Density QC Flag | Binding Density QC | Binding Density QC Threshold | Positive Control QC Flag | Positive Control QC | Positive Control QC Threshold | Limit of Detection QC Flag | Limit of Detection QC | 0.5fM Detection QC Threshold | Ligation QC Flag | Ligation QC | Ligation QC Threshold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 20220818_210034191023-1_002A_01.RCC | 002A | No | 1 | 0.75 | No | 0.42 | 0.1-2.25 | No | 0.99 | 0.95 | No | 17 | 0 | No | 54.68 | 3 |
| 2 | 20220818_210034191023-1_002B_06.RCC | 002B | No | 0.99 | 0.75 | No | 0.36 | 0.1-2.25 | No | 0.99 | 0.95 | No | 12 | 0 | No | 36.27 | 3 |
| 3 | 20220818_210034191023-1_005A_02.RCC | 005A | No | 1 | 0.75 | No | 0.7 | 0.1-2.25 | No | 0.99 | 0.95 | No | 18.88 | 0 | No | 42.08 | 3 |
| 4 | 20220818_210034191023-1_005B_08.RCC | 005B | No | 0.99 | 0.75 | No | 0.76 | 0.1-2.25 | No | 0.99 | 0.95 | No | 19.25 | 0 | No | 56.92 | 3 |
| 5 | 20220818_210034191023-1_007A_07.RCC | 007A | No | 0.99 | 0.75 | No | 0.6 | 0.1-2.25 | No | 0.99 | 0.95 | No | 25.12 | 0 | No | 76.25 | 3 |
| 6 | 20220818_210034191023-1_007B_12.RCC | 007B | No | 1 | 0.75 | No | 0.61 | 0.1-2.25 | No | 0.99 | 0.95 | No | 20.12 | 0 | No | 61.49 | 3 |
| 7 | 20220818_210034191023-1_008A_11.RCC | 008A | No | 1 | 0.75 | No | 0.54 | 0.1-2.25 | No | 0.99 | 0.95 | No | 18 | 0 | No | 59.2 | 3 |
| 8 | 20220818_210034191023-1_008B_04.RCC | 008B | No | 1 | 0.75 | No | 0.56 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16.25 | 0 | No | 47.33 | 3 |
| 9 | 20220818_210034191023-1_010A_09.RCC | 010A | No | 0.99 | 0.75 | No | 0.84 | 0.1-2.25 | No | 0.99 | 0.95 | No | 21 | 0 | No | 53.59 | 3 |
| 10 | 20220818_210034191023-1_010B_05.RCC | 010B | No | 0.98 | 0.75 | No | 0.66 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15 | 0 | No | 43.69 | 3 |
| 11 | 20220818_210034191023-1_012A_10.RCC | 012A | No | 0.99 | 0.75 | No | 0.45 | 0.1-2.25 | No | 0.99 | 0.95 | No | 20.88 | 0 | No | 57.1 | 3 |
| 12 | 20220818_210034191023-1_012B_03.RCC | 012B | No | 0.99 | 0.75 | No | 0.56 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16.38 | 0 | No | 38.36 | 3 |
| 13 | 20220818_210034201023-1_013A_04.RCC | 013A | No | 0.99 | 0.75 | No | 0.45 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14 | 0 | No | 40.15 | 3 |
| 14 | 20220818_210034201023-1_013B_06.RCC | 013B | No | 0.99 | 0.75 | No | 0.51 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.62 | 0 | No | 33.97 | 3 |
| 15 | 20220818_210034201023-1_014A_02.RCC | 014A | No | 0.99 | 0.75 | No | 0.41 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16.5 | 0 | No | 37.71 | 3 |
| 16 | 20220818_210034201023-1_014B_08.RCC | 014B | No | 0.98 | 0.75 | No | 0.35 | 0.1-2.25 | No | 0.99 | 0.95 | No | 17.12 | 0 | No | 43 | 3 |
| 17 | 20220818_210034201023-1_016A_07.RCC | 016A | No | 0.99 | 0.75 | No | 0.44 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15 | 0 | No | 38.84 | 3 |
| 18 | 20220818_210034201023-1_016B_12.RCC | 016B | No | 0.98 | 0.75 | No | 0.52 | 0.1-2.25 | No | 0.99 | 0.95 | No | 12.75 | 0 | No | 31.16 | 3 |
| 19 | 20220818_210034201023-1_017A_11.RCC | 017A | No | 0.98 | 0.75 | No | 0.6 | 0.1-2.25 | No | 0.98 | 0.95 | No | 14.12 | 0 | No | 27.49 | 3 |
| 20 | 20220818_210034201023-1_017B_01.RCC | 017B | No | 0.99 | 0.75 | No | 0.51 | 0.1-2.25 | No | 0.99 | 0.95 | No | 20.88 | 0 | No | 52.92 | 3 |
| 21 | 20220818_210034201023-1_019A_09.RCC | 019A | No | 0.98 | 0.75 | No | 0.46 | 0.1-2.25 | No | 0.99 | 0.95 | No | 20.12 | 0 | No | 47.41 | 3 |
| 22 | 20220818_210034201023-1_019B_05.RCC | 019B | No | 0.99 | 0.75 | No | 0.7 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.38 | 0 | No | 31.72 | 3 |

| | File Name | Sample Name | Imaging QC Flag | Imaging QC | Imaging QC Threshold | Binding Density QC Flag | Binding Density QC | Binding Density QC Threshold | Positive Control QC Flag | Positive Control QC | Positive Control QC Threshold | Limit of Detection QC Flag | Limit of Detection QC | 0.5fM Detection QC Threshold | Ligation QC Flag | Ligation QC | Ligation QC Threshold |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 20220818_210034201023-1_020A_10.RCC | 020A | No | 0.99 | 0.75 | No | 0.5 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14.62 | 0 | No | 33.32 | 3 |
| 24 | 20220818_210034201023-1_020B_03.RCC | 020B | No | 1 | 0.75 | No | 0.51 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.75 | 0 | No | 31.59 | 3 |
| 25 | 20220818_210034211023-1_022A_01.RCC | 022A | No | 1 | 0.75 | No | 0.51 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14 | 0 | No | 30.74 | 3 |
| 26 | 20220818_210034211023-1_022B_06.RCC | 022B | No | 0.99 | 0.75 | No | 0.45 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14.5 | 0 | No | 27.63 | 3 |
| 27 | 20220818_210034211023-1_023A_02.RCC | 023A | No | 1 | 0.75 | No | 0.34 | 0.1-2.25 | No | 0.99 | 0.95 | No | 12.75 | 0 | No | 22.07 | 3 |
| 28 | 20220818_210034211023-1_023B_08.RCC | 023B | No | 0.99 | 0.75 | No | 0.39 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.75 | 0 | No | 28.43 | 3 |
| 29 | 20220818_210034211023-1_024A_07.RCC | 024A | No | 1 | 0.75 | No | 0.3 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.5 | 0 | No | 31.71 | 3 |
| 30 | 20220818_210034211023-1_024B_12.RCC | 024B | No | 0.99 | 0.75 | No | 0.54 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14.12 | 0 | No | 29.12 | 3 |
| 31 | 20220818_210034211023-1_026A_11.RCC | 026A | No | 0.99 | 0.75 | No | 0.43 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.5 | 0 | No | 29.13 | 3 |
| 32 | 20220818_210034211023-1_026B_04.RCC | 026B | No | 0.99 | 0.75 | No | 0.37 | 0.1-2.25 | No | 0.99 | 0.95 | No | 12 | 0 | No | 23.11 | 3 |
| 33 | 20220818_210034211023-1_027A_09.RCC | 027A | No | 0.99 | 0.75 | No | 0.28 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.25 | 0 | No | 31.19 | 3 |
| 34 | 20220818_210034211023-1_027B_05.RCC | 027B | No | 0.99 | 0.75 | No | 0.45 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13 | 0 | No | 24.78 | 3 |
| 35 | 20220818_210034211023-1_031A_10.RCC | 031A | No | 1 | 0.75 | No | 0.3 | 0.1-2.25 | No | 0.99 | 0.95 | No | 18.38 | 0 | No | 38.27 | 3 |
| 36 | 20220818_210034211023-1_031B_03.RCC | 031B | No | 1 | 0.75 | No | 0.59 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.25 | 0 | No | 26.35 | 3 |
| 37 | 20220818_210034221023-1_030A_01.RCC | 030A | No | 0.99 | 0.75 | No | 0.32 | 0.1-2.25 | No | 0.99 | 0.95 | No | 17.25 | 0 | No | 36.27 | 3 |
| 38 | 20220818_210034221023-1_034A_05.RCC | 034A | No | 0.99 | 0.75 | No | 0.38 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.25 | 0 | No | 23.86 | 3 |
| 39 | 20220818_210034221023-1_034B_02.RCC | 034B | No | 0.99 | 0.75 | No | 0.31 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.25 | 0 | No | 34.81 | 3 |
| 40 | 20220818_210034221023-1_035A_07.RCC | 035A | No | 0.99 | 0.75 | No | 0.28 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.75 | 0 | No | 33.15 | 3 |
| 41 | 20220818_210034221023-1_035B_06.RCC | 035B | No | 0.97 | 0.75 | No | 0.39 | 0.1-2.25 | No | 0.99 | 0.95 | No | 12.62 | 0 | No | 27.83 | 3 |
| 42 | 20220818_210034221023-1_039A_09.RCC | 039A | No | 0.98 | 0.75 | No | 0.41 | 0.1-2.25 | No | 0.99 | 0.95 | No | 15.62 | 0 | No | 37.02 | 3 |
| 43 | 20220818_210034221023-1_039B_08.RCC | 039B | No | 1 | 0.75 | No | 0.37 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.5 | 0 | No | 25.17 | 3 |
| 44 | 20220818_210034221023-1_041A_04.RCC | 041A | No | 0.98 | 0.75 | No | 0.31 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16 | 0 | No | 30.43 | 3 |
| 45 | 20220818_210034221023-1_041Adup_11.RCC | 041Adup | No | 0.97 | 0.75 | No | 0.27 | 0.1-2.25 | No | 0.99 | 0.95 | No | 13.75 | 0 | No | 31.37 | 3 |
| 46 | 20220818_210034221023-1_041B_10.RCC | 041B | No | 0.98 | 0.75 | No | 0.41 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16.62 | 0 | No | 35.73 | 3 |
| 47 | 20220818_210034221023-1_041Bdup_12.RCC | 041Bdup | No | 0.97 | 0.75 | No | 0.32 | 0.1-2.25 | No | 0.99 | 0.95 | No | 14.88 | 0 | No | 28.24 | 3 |
| 48 | 20220818_210034221023-1_042A_03.RCC | 042A | No | 0.99 | 0.75 | No | 0.32 | 0.1-2.25 | No | 0.99 | 0.95 | No | 16.5 | 0 | No | 29.33 | 3 |

## Background Subtraction Parameters

**No Background Subtraction Performed**

# Normalization Parameters

## miRNA

### Positive Control Normalization

Mean Type: geometric mean
Threshold Min: 0.3
Threshold Max: 3

| | Class Name | Gene Name | Accession # | Average Count | Median | Standard Deviation |
|---|---|---|---|---|---|---|
| 1 | Positive | POS_A | ERCC_00117.1 | 33037.86 | 32477.5 | 4032.8 |
| 2 | Positive | POS_B | ERCC_00112.1 | 12843.31 | 12456 | 1575.29 |
| 3 | Positive | POS_C | ERCC_00002.1 | 3172.23 | 3091 | 369.42 |
| 4 | Positive | POS_D | ERCC_00092.1 | 680.94 | 690.5 | 79.59 |
| 5 | Positive | POS_E | ERCC_00035.1 | 124.19 | 126.5 | 18.97 |
| 6 | Positive | POS_F | ERCC_00034.1 | 77.27 | 78.5 | 12.31 |

# Normalized Data

| | Normalized Data Name | Treatment Group | Batch ID | miRNA Positive Normalization Flag | miRNA Positive Normalization Factor |
|---|---|---|---|---|---|
| 1 | 20220818_210034191023-1_002A_01.RCC | 20220818_210034191023-1_002A_01.RCC | | NO | 0.84355426 |
| 2 | 20220818_210034191023-1_002B_06.RCC | 20220818_210034191023-1_002B_06.RCC | | NO | 1.0948802 |
| 3 | 20220818_210034191023-1_005A_02.RCC | 20220818_210034191023-1_005A_02.RCC | | NO | 0.9732264 |
| 4 | 20220818_210034191023-1_005B_08.RCC | 20220818_210034191023-1_005B_08.RCC | | NO | 1.0262706 |
| 5 | 20220818_210034191023-1_007A_07.RCC | 20220818_210034191023-1_007A_07.RCC | | NO | 0.77051085 |
| 6 | 20220818_210034191023-1_007B_12.RCC | 20220818_210034191023-1_007B_12.RCC | | NO | 0.9102449 |
| 7 | 20220818_210034191023-1_008A_11.RCC | 20220818_210034191023-1_008A_11.RCC | | NO | 1.005066 |
| 8 | 20220818_210034191023-1_008B_04.RCC | 20220818_210034191023-1_008B_04.RCC | | NO | 0.9198409 |
| 9 | 20220818_210034191023-1_010A_09.RCC | 20220818_210034191023-1_010A_09.RCC | | NO | 1.102329 |
| 10 | 20220818_210034191023-1_010B_05.RCC | 20220818_210034191023-1_010B_05.RCC | | NO | 1.1163994 |
| 11 | 20220818_210034191023-1_012A_10.RCC | 20220818_210034191023-1_012A_10.RCC | | NO | 0.8643361 |
| 12 | 20220818_210034191023-1_012B_03.RCC | 20220818_210034191023-1_012B_03.RCC | | NO | 0.91486543 |
| 13 | 20220818_210034201023-1_013A_04.RCC | 20220818_210034201023-1_013A_04.RCC | | NO | 1.1976247 |
| 14 | 20220818_210034201023-1_013B_06.RCC | 20220818_210034201023-1_013B_06.RCC | | NO | 1.1533576 |
| 15 | 20220818_210034201023-1_014A_02.RCC | 20220818_210034201023-1_014A_02.RCC | | NO | 1.0624651 |
| 16 | 20220818_210034201023-1_014B_08.RCC | 20220818_210034201023-1_014B_08.RCC | | NO | 1.0181773 |
| 17 | 20220818_210034201023-1_016A_07.RCC | 20220818_210034201023-1_016A_07.RCC | | NO | 1.0936981 |
| 18 | 20220818_210034201023-1_016B_12.RCC | 20220818_210034201023-1_016B_12.RCC | | NO | 1.1977888 |
| 19 | 20220818_210034201023-1_017A_11.RCC | 20220818_210034201023-1_017A_11.RCC | | NO | 1.327423 |
| 20 | 20220818_210034201023-1_017B_01.RCC | 20220818_210034201023-1_017B_01.RCC | | NO | 1.0699248 |
| 21 | 20220818_210034201023-1_019A_09.RCC | 20220818_210034201023-1_019A_09.RCC | | NO | 1.1104054 |
| 22 | 20220818_210034201023-1_019B_05.RCC | 20220818_210034201023-1_019B_05.RCC | | NO | 1.1337441 |
| 23 | 20220818_210034201023-1_020A_10.RCC | 20220818_210034201023-1_020A_10.RCC | | NO | 1.0636945 |
| 24 | 20220818_210034201023-1_020B_03.RCC | 20220818_210034201023-1_020B_03.RCC | | NO | 1.2186786 |
| 25 | 20220818_210034211023-1_022A_01.RCC | 20220818_210034211023-1_022A_01.RCC | | NO | 0.9461722 |
| 26 | 20220818_210034211023-1_022B_06.RCC | 20220818_210034211023-1_022B_06.RCC | | NO | 1.1485981 |
| 27 | 20220818_210034211023-1_023A_02.RCC | 20220818_210034211023-1_023A_02.RCC | | NO | 1.0130361 |
| 28 | 20220818_210034211023-1_023B_08.RCC | 20220818_210034211023-1_023B_08.RCC | | NO | 0.9736623 |
| 29 | 20220818_210034211023-1_024A_07.RCC | 20220818_210034211023-1_024A_07.RCC | | NO | 1.1314634 |
| 30 | 20220818_210034211023-1_024B_12.RCC | 20220818_210034211023-1_024B_12.RCC | | NO | 1.0875963 |
| 31 | 20220818_210034211023-1_026A_11.RCC | 20220818_210034211023-1_026A_11.RCC | | NO | 1.0243961 |
| 32 | 20220818_210034211023-1_026B_04.RCC | 20220818_210034211023-1_026B_04.RCC | | NO | 1.0775925 |
| 33 | 20220818_210034211023-1_027A_09.RCC | 20220818_210034211023-1_027A_09.RCC | | NO | 0.83260614 |

| | Normalized Data Name | Treatment Group | Batch ID | miRNA Positive Normalization Flag | miRNA Positive Normalization Factor |
|---|---|---|---|---|---|
| 34 | 20220818_210034211023-1_027B_05.RCC | 20220818_210034211023-1_027B_05.RCC | | NO | 1.1991127 |
| 35 | 20220818_210034211023-1_031A_10.RCC | 20220818_210034211023-1_031A_10.RCC | | NO | 0.88677365 |
| 36 | 20220818_210034211023-1_031B_03.RCC | 20220818_210034211023-1_031B_03.RCC | | NO | 1.0752618 |
| 37 | 20220818_210034221023-1_030A_01.RCC | 20220818_210034221023-1_030A_01.RCC | | NO | 0.843744 |
| 38 | 20220818_210034221023-1_034A_05.RCC | 20220818_210034221023-1_034A_05.RCC | | NO | 0.89600533 |
| 39 | 20220818_210034221023-1_034B_02.RCC | 20220818_210034221023-1_034B_02.RCC | | NO | 0.88069063 |
| 40 | 20220818_210034221023-1_035A_07.RCC | 20220818_210034221023-1_035A_07.RCC | | NO | 0.9213821 |
| 41 | 20220818_210034221023-1_035B_06.RCC | 20220818_210034221023-1_035B_06.RCC | | NO | 1.0361029 |
| 42 | 20220818_210034221023-1_039A_09.RCC | 20220818_210034221023-1_039A_09.RCC | | NO | 0.9352723 |
| 43 | 20220818_210034221023-1_039B_08.RCC | 20220818_210034221023-1_039B_08.RCC | | NO | 1.0323528 |
| 44 | 20220818_210034221023-1_041A_04.RCC | 20220818_210034221023-1_041A_04.RCC | | NO | 0.8771142 |
| 45 | 20220818_210034221023-1_041Adup_11.RCC | 20220818_210034221023-1_041Adup_11.RCC | | NO | 0.93425894 |
| 46 | 20220818_210034221023-1_041B_10.RCC | 20220818_210034221023-1_041B_10.RCC | | NO | 0.8480493 |
| 47 | 20220818_210034221023-1_041Bdup_12.RCC | 20220818_210034221023-1_041Bdup_12.RCC | | NO | 0.8978304 |
| 48 | 20220818_210034221023-1_042A_03.RCC | 20220818_210034221023-1_042A_03.RCC | | NO | 1.0084542 |

## Ratio Data Parameters

**Ratio data were not built**

## Positive Controls

| | Class Name | Gene Name | Accession # | Average Count | Median | %CV | Standard Deviation |
|---|---|---|---|---|---|---|---|
| 1 | Positive | POS_A | ERCC_00117.1 | 33037.86 | 32477.5 | 0.12 | 4032.8 |
| 2 | Positive | POS_B | ERCC_00112.1 | 12843.31 | 12456 | 0.12 | 1575.29 |
| 3 | Positive | POS_C | ERCC_00002.1 | 3172.23 | 3091 | 0.12 | 369.42 |
| 4 | Positive | POS_D | ERCC_00092.1 | 680.94 | 690.5 | 0.12 | 79.59 |
| 5 | Positive | POS_E | ERCC_00035.1 | 124.19 | 126.5 | 0.15 | 18.97 |
| 6 | Positive | POS_F | ERCC_00034.1 | 77.27 | 78.5 | 0.16 | 12.31 |

## Negative Controls

| | Class Name | Gene Name | Accession # | Average Count | Median | Standard Deviation |
|---|---|---|---|---|---|---|
| 1 | Negative | NEG_A | ERCC_00096.1 | 11.17 | 11 | 3.32 |
| 2 | Negative | NEG_B | ERCC_00041.1 | 10.81 | 11 | 2.9 |
| 3 | Negative | NEG_C | ERCC_00019.1 | 26.79 | 24 | 11.75 |
| 4 | Negative | NEG_D | ERCC_00076.1 | 13.75 | 14 | 3.64 |
| 5 | Negative | NEG_E | ERCC_00098.1 | 14.73 | 13 | 4.95 |
| 6 | Negative | NEG_F | ERCC_00126.1 | 21.65 | 21 | 5.67 |
| 7 | Negative | NEG_G | ERCC_00144.1 | 10.71 | 10 | 3.67 |
| 8 | Negative | NEG_H | ERCC_00154.1 | 16.85 | 17 | 4.51 |