

Search Details

|                                       |                                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|
| Job Title/ Assay Name :<br>Measles B3 | Amplicon Sequence:<br>TGGCATCCGAACTCGGTATCACTGCCGAGGATGCAAGGCTTGTTTC<br>AGAGATTGCAATGCATACTACTGAGGACA |
| Effective Date : 2025-08-25           | Forward: TGGCATCTGAACTCGGTATCAC                                                                       |
| Database : core_nt                    | Reverse: TGTCTCAGTAGTATGCATTGCAA                                                                      |
| Alignment algorithm : blastN          | Probe: CCGAGGATGCAAGGCTTGTTTCAGA                                                                      |
| Exclusive Organism:                   | Inclusive Organism: Measles virus genotype B3                                                         |
| RID: ASA1X0PF013                      | Total Result: 1038                                                                                    |
| App Version: 1.0                      |                                                                                                       |

| #Accessions                                   | Oligo   | Mutation      | Impact   |
|-----------------------------------------------|---------|---------------|----------|
| Morbillivirus/11229 Analyzed Accessions: 1036 |         |               |          |
| <a href="#">7</a>                             | NA      | No Mutations  | Detected |
| <a href="#">558</a>                           | Forward | C8T           | Detected |
| <a href="#">1</a>                             | Forward | T1-, C8T      | Detected |
| <a href="#">8</a>                             | Forward | T1-, G2-, C8T | Detected |
| <a href="#">2</a>                             | Forward | C8T           | Detected |
|                                               | Reverse | T10C          |          |
| <a href="#">1</a>                             | Forward | C8T           | Detected |
|                                               | Probe   | C22T          |          |
| <a href="#">164</a>                           | Forward | C8T           | Detected |
|                                               | Probe   | C2T           |          |
| <a href="#">2</a>                             | Forward | C8T           | Detected |
|                                               | Probe   | G14T          |          |
| <a href="#">5</a>                             | Forward | C8T           | Detected |
|                                               | Reverse | A11G          |          |
| <a href="#">6</a>                             | Forward | C8T           | Detected |
|                                               | Reverse | A14G          |          |
| <a href="#">1</a>                             | Forward | C8T           | Detected |
|                                               | Probe   | C15T          |          |
| <a href="#">1</a>                             | Forward | C8T, A10G     | Detected |
| <a href="#">1</a>                             | Forward | C8T           | Detected |
|                                               | Probe   | G13A          |          |
| <a href="#">1</a>                             | Forward | A5G, C8T      | Detected |
| <a href="#">3</a>                             | Forward | C8T           | Detected |
|                                               | Probe   | T20C          |          |
| <a href="#">1</a>                             | Forward | C8T           | Detected |

| #Accessions       | Oligo   | Mutation   | Impact   |
|-------------------|---------|------------|----------|
|                   | Probe   | C15A       |          |
| <a href="#">1</a> | Probe   | C2T        | Detected |
| <a href="#">2</a> | Forward | C8T        | Detected |
|                   | Probe   | A23G       |          |
| <a href="#">2</a> | Forward | C8T, C14A  | Detected |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | T20G       |          |
| <a href="#">2</a> | Forward | C8T        | Detected |
|                   | Probe   | G14A       |          |
| <a href="#">2</a> | Forward | C8T, C14T  | Detected |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | G5A        |          |
| <a href="#">1</a> | Forward | C8T, A11G  | Detected |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Reverse | T6C        |          |
| <a href="#">1</a> | Forward | G3C, C8T   | Detected |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | G18T, T19G |          |
| <a href="#">1</a> | Forward | C8T, C14A  | Detected |
|                   | Reverse | C17T       |          |
| <a href="#">1</a> | Forward | C8T, C14A  | Detected |
|                   | Reverse | A14G       |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | C2T, T19A  |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | C2T        |          |
|                   | Reverse | G9T        |          |
| <a href="#">1</a> | Forward | C4G, C8T   | Detected |
|                   | Probe   | C2T        |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | C2T        |          |
|                   | Reverse | A14C       |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | C2T        |          |
|                   | Reverse | A11G       |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Probe   | C2T, G24A  |          |
| <a href="#">1</a> | Forward | C8T        | Detected |
|                   | Reverse | T3A, G9A   |          |

| #Accessions         | Oligo   | Mutation            | Impact       |
|---------------------|---------|---------------------|--------------|
| <a href="#">102</a> | Forward | C8T, C20A           | Not Detected |
| <a href="#">16</a>  | Probe   | T20C                | Not Detected |
|                     | Reverse | A23G                |              |
| <a href="#">6</a>   | Forward | C8T, T17C           | Not Detected |
| <a href="#">1</a>   | Forward | C8T, C22A           | Not Detected |
| <a href="#">1</a>   | Forward | C8T, G15A           | Not Detected |
| <a href="#">2</a>   | Forward | C8T, C20T           | Not Detected |
| <a href="#">1</a>   | Forward | C8T                 | Not Detected |
|                     | Reverse | A23G                |              |
| <a href="#">1</a>   | Forward | C8T, T19A           | Not Detected |
| <a href="#">2</a>   | Forward | T1-, G2-, C8T, C20A | Not Detected |
| <a href="#">47</a>  | Forward | C8T, T17C           | Not Detected |
|                     | Probe   | C2T                 |              |
| <a href="#">19</a>  | Forward | C8T, T17G           | Not Detected |
|                     | Probe   | C2T                 |              |
| <a href="#">16</a>  | Forward | A5G, C8T, C20A      | Not Detected |
| <a href="#">1</a>   | Forward | A5G, C8T, C14A      | Not Detected |
| <a href="#">5</a>   | Forward | C8T, C20A           | Not Detected |
|                     | Probe   | A23G                |              |
| <a href="#">2</a>   | Forward | C8T, C20A           | Not Detected |
|                     | Reverse | A23G                |              |
| <a href="#">4</a>   | Probe   | A11G, T20C          | Not Detected |
|                     | Reverse | A23G                |              |
| <a href="#">1</a>   | Forward | C8T, C20A           | Not Detected |
|                     | Reverse | A8G                 |              |
| <a href="#">1</a>   | Forward | C8T, C20A           | Not Detected |
|                     | Probe   | G5A                 |              |
| <a href="#">1</a>   | Forward | C8T                 | Not Detected |
|                     | Probe   | C2T, T17C           |              |
| <a href="#">1</a>   | Forward | C8T, C20A           | Not Detected |
|                     | Probe   | C1T                 |              |
| <a href="#">1</a>   | Forward | C8T, A21T           | Not Detected |
|                     | Probe   | A12C                |              |
| <a href="#">6</a>   | Forward | C8T, A11G, C12T     | Not Detected |
|                     | Probe   | C2T                 |              |
| <a href="#">1</a>   | Forward | A5C, C8T, C20A      | Not Detected |
|                     | Probe   | G13A                |              |
| <a href="#">1</a>   | Forward | C8T, T17C           | Not Detected |
|                     | Probe   | C2T                 |              |

| #Accessions       | Oligo   | Mutation                       | Impact                      |
|-------------------|---------|--------------------------------|-----------------------------|
|                   | Reverse | T13A                           |                             |
| <a href="#">1</a> | Forward | C8T, T17C                      | Not Detected                |
|                   | Probe   | C2T, T20C                      |                             |
| <a href="#">1</a> | Forward | C8T, T17C                      | Not Detected                |
|                   | Reverse | A11G, A14G                     |                             |
| <a href="#">1</a> | Forward | A5G, C8T, A11G, C20A           | Not Detected                |
| <a href="#">1</a> | Forward | C8T, T17C                      | Not Detected                |
|                   | Probe   | C2T                            |                             |
|                   | Reverse | C5T                            |                             |
| <a href="#">1</a> | Forward | C8T, T17C                      | Not Detected                |
|                   | Probe   | C2T                            |                             |
|                   | Reverse | T13C                           |                             |
| <a href="#">1</a> | Forward | A5G, C8T, C14A, T17C           | Not Detected                |
| <a href="#">1</a> | Forward | G3T, C8T, T17C                 | Not Detected                |
|                   | Reverse | T20A                           |                             |
| <a href="#">1</a> | Forward | C8T, C20A                      | Not Detected                |
|                   | Probe   | G13A                           |                             |
| <a href="#">1</a> | Forward | C8T                            | Not Detected                |
|                   | Probe   | G5A, G13A, T17A                |                             |
| <a href="#">1</a> | Forward | C8T, T17C, C20A                | Not Detected                |
|                   | Probe   | A23G                           |                             |
| <a href="#">1</a> | Forward | T1-, G2-, G3-, C8T, A21T       | Not Detected                |
|                   | Reverse | T3G                            |                             |
| <a href="#">1</a> | Forward | Forward Missing                | limited coverage (excluded) |
| <a href="#">1</a> | Forward | Forward Missing                | limited coverage (excluded) |
|                   | Probe   | C1-, C2-, G3-, A4-, C10A, C15A |                             |
|                   | Reverse | C5T, G12T                      |                             |