

| Primers | Sequence (5'-3') | |
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| LAMP Orf1a¹ | ORF1a-A-F3 | CTGCACCTCATGGTCATGTT |
| | ORF1a-A-B3 | AGCTCGTCGCCTAAGTCAA |
| | ORF1a-A-FIP | GAGGGACAAGGACACCAAGTGTATGGTTGAGCTGGTAGCAGA |
| | ORF1a-A-BIP | CCAGTGGCTTACCGCAAGGTTTTAGATCGGCGCCGTAAC |
| | ORF1a-A-LF | CCGTAAGAACCGGTAATAAAGGAGC |
| | ORF1a-A-LB | TTCGTAAGAACCGGTAATAAAGGAGC |
| LAMP GeneN¹ | GeneN-A-F3 | TGGCTACTACCGAAGAGCT |
| | GeneN-A-B3 | TGCAGCATTGTTAGCAGGAT |
| | GeneN-A-FIP | TCTGGCCCAGTTCCTAGGTAGTCCAGACGAATTCGTGGTGG |
| | GeneN-A-BIP | AGACGGCATCATATGGGTTGCACGGGTGCCAATGTGATCT |
| | GeneN-A-LF | GGACTGAGATCTTTCAATTTACCGT |
| | GeneN-A-LB | ACTGAGGGAGCCTTGAATACA |
| LAMP ORF7a | ORF7a-F3 | TCTTGGCACTGATAACACTC |
| | ORF7a-B3 | GATCTGGCACGTAACCTGAT |
| | ORF7a-FIP | TCCAGAAGAGCAAGGTTCTTTTAAA-GCTACTTGTGAGCTTTATCACT |
| | ORF7a-BIP | AGCTGATAACAAATTTGCACTGAC-GTTTTACGCCGTCAGGAC |
| | ORF7a-LF | GTTGTACTCTAACACACTCTTGGT |
| | ORF7a-LB | GCTTTAGCACTCAATTTGCTTTTGC |
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| LAMP M GENE | M-GENE-F3 | AGTAATAGTTTTCTATTCTTAC |
| | M-GENE-B3 | AGCCACATCAAGCCTACA |
| | M-GENE-FIP | GCCATAACAGCCAGAGGAAAATTAA-TGGATTTGTCTTCTACAATTTGC |
| | M-GENE-BIP | TTAGCTTGTGCTTGTGCTG-ACAAGCCATTGCGATAGC |
| | M-GENE-LF | CAAAAACCTATTCTGTTGGCATAG |
| | M-GENE-LB | CAGAATAAATGGATCACCGGTGGA |
| | M-GENE-LB-2 | GAATAAATGGATCACCGGTGGA |
| LAMP ORF3a-A | ORF3a-A-F3 | CACTTCAGACTATTACCAGCT |
| | ORF3a-A-B3 | GCTTGTGCTTACAAAGGC |
| | ORF3a-A-FIP | GTTCTTCAGGCTCATCAACAATTTT-CTCAACTCAATTGAGTACAGACA |
| | ORF3a-A-BIP | CCAAATTCACACAATCGACGGTT-TAGTAGTCGTGTCGGTT |
| | ORF3a-A-LF | TGAAGAAGGTAACATGTTCAACACC |
| | ORF3a-A-LB | CGGAGTTGTTAATCCAGTAATGGAA |
| LAMP ORF3a-B | ORF3a-B-F3 | ATTTTGTTCGCGCTACTG |
| | ORF3a-B-B3 | ACGAGCAAAGGTGTGAG |
| | ORF3a-B-FIP | CTCTGAAAAACAGCAAGAAGTGCAA-GATACCGATACAAGCCTCAC |
| | ORF3a-B-BIP | TAACCCTCAAAAAGAGATGGCAA-CAAAACAACAACAGCAAGTTG |
| | ORF3a-B-LF | ACAATAAGCCATCCGAAAGGGA |
| | ORF3a-B-LB | CACTCTCAAGGGTGTTCCT |
| T7-LAMP-Primers | GENE-N-T7-FIP | TCTGGCCCAGTTCCTAGGTAGT TAATACGACTCACTATAGG CCAGACGAATTCGTGGTGG |
| | ORF7-T7-FIP | TCCAGAAGAGCAAGGTTCTTTTAAA TAATACGACTCACTATAGG GCTACTTGTGAGCTTTATCACT |
| | ORF3a-A-T7-FIP | GTTCTTCAGGCTCATCAACAATTTT TAATACGACTCACTATAGG CTCAACTCAATTGAGTACAGACA |
| LwaCas13a crRNA | ORF1ab ² | GAUUUAGACUACCCCAAAAACGAAGGGGACUAAAAC CCAACCUCUUCUGUAAUUUUUAAACUUAU |
| | S Gene ² | GAUUUAGACUACCCCAAAAACGAAGGGGACUAAAAC GCAGCACCAGCUGUCCAACCUGAAGAAG |
| | Gene-N | GAUUUAGACUACCCCAAAAACGAAGGGGACUAAAAC TTGTTAGCACCATAGGGAAGTCCAGCTT |
| | Orf7 | GAUUUAGACUACCCCAAAAACGAAGGGGACUAAAAC GGAUGAAAUGGUGAAUUGCCUCGUAUG |
| | Orf3 | GAUUUAGACUACCCCAAAAACGAAGGGGACUAAAAC UGUGAAUUUGGACAUGUUCUUCAGGCUC |
| RPA Primers | Orf1ab-Fw_v1 ² | GAAATTAATACGACTCACTATAGGGCGAAGTTGTAGGAGACATTA TACTTAAACC |
| | Orf1ab-Rev_v1 ² | TAGTAAGACTAGAATTGTCTACATAAGCAGC |
| | S-RPA-Fw_v1 ² | GAAATTAATACGACTCACTATAGGGAGGTTTCAAACCTTACTTGCT TTACATAGA |
| | S-RPA-Rev_v1 ² | TCCTAGGTTGAAGATAACCCACATAATAAG |
| Reporter SHERLOCK2 | LF Reporter ² | /56-FAM/mArArUrGrGrCmAmArArUrGrGrCmA/3Bio/ |
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| | | ¹ Sequence from Zhang et al, medRxiv: 2020.02.26.20028373. |
| | | ² Sequence from the webpage of Feng Zhang @ MIT, Boston, USA |