

**19-CDC-112-01:**

```
> 2 patients_New York City
GTGACGAGCTTGGCACTGATCCCATTGAAGATTATGAACAAAACCTGGAACACTAAGCATGGCAGTGGTGC
> 1 patient_Albany
TCAATTATATTCAATATGGAAAGAATAAAAGAACTAAGGAATCTAATGTCGCAATCTCGCACTCGCGAGA
> 1 patient_Chicago
CGTTAGTGGACAGAGGCTGGGGAAATGGATGTGGACTTTTTGGCAAAGGGAGCCTGGTGACATGCGCTAA
> 1 patient_Wichita
GGGCAACAGCTATACTCAGAAAAGCAACCAGGAGATTGATTTCAGCTGATAGTGAGTGGAAGAGACGAACA
> 2 patients_Washington D.C.
TAAAGAGTTATACGGGGTGAGTTTTTCAGAATTAGTAAGACCATTTAAAAGTAATAAATCAACGTGTTGC
> 1 patient_Austin
TTTAAACTTACTGACAATGTTGCCATTAAATGTGTTGACATCGTTAAGGAGGCACAAAGTGCTAATCCT
> 1 patient_Washington D.C.
AAGAAGTTCAAGAAAGATCTGGCTGCCATGCTGAGAATAATCAATGCTAGGAAGGAGAAGAAGAGACGAG
```

**19-CDC-112-02:**

```
> 2 patients_Boston
TGATGATATTGATCAAAGTCTAATTATTGCTGCTAGGAACATAGTGAGAAGAGCTGCTGTATCAGCAGAT
> 2 patients_Helena
TGTGTACGGAACCTGCCATCACAAAAAGGTGAAGCACGGAGATCTAGAAGAGCCGTGACGCTCCCCCTCC
> 1 patient_Denver
CACCTAATGCTAAGGAAGAGATTCTAGGAACTGTATCCTGGAATTTGAGAGAAATGCTTGCTCATGCTGA
> 1 patient_Seattle
GTGGGGGTGGTTGCAGTCAGTACAGTAGTGGAAGTGGGGGAGAGGGTGTTAGTGAAAGACACACTATATG
> 1 patient_Nebraska
ATTAACGATAACCAAAGAGAAGAAAGAACTCAAGGATTGCAAAATTTCTCCTTTGATGGTTGCATAC
> 1 patient_Los Angeles
GAGTACACTGGTAACTATCAGTGTGGTCATTACACTCATATAACTGCTAAGGAGACCCTCTATCGTATTG
> 1 patient_Los Angeles
TCAGTTCATGGCTCCCAGCACAGTGGGATGATTGTTAATGACACAGGACATGAAACTGATGAGAATAGAG
```

**19-CDC-112-03:**

```
> 1 patient_New York
ACTCAGCAGATGTTACAGGTAGAAGGGCGCCATGAGACTGAAACACCATGTAGTCAGTATAGTGGTGGA
> 1 patient_Cheyenne
GGGAAGCTCAACGAGCCAAAAAGTCATATACTTGGTCATGATACTGCTGATTGCCCCGGCATAACAGCATC
> 1 patient_Sacramento
GTGAAGTCTTCATCGCTCAAAGCAAGGGACTTTACCGTCAGTGTATACGTGGCAAGGAGCAGCTGCAACT
> 2 patients_Bismark
CTTCAGTTTTTGGCGGATTCACATTTAAGAGAACAAAGCGGATCATCAGTCAAGAGAGAGGAGGAAGTGCTT
> 1 patient_Columbus
AGGTGCATAGGAGTCAGCAATAGGGACTTTGTGGAAGGTATGTCAGGTGGGACTTGGGTTGATGTCGTCT
> 2 patients_Las Vegas
TTACATATGCATCTGCACTCTGGGAAATCCAGCAAGTTGTTGATGCGGATAGCAAGATTGTTCAACTTAG
> 1 patient_Los Angeles
ATGATTCTTGAGAGAAATGACCAAGGACAACTTTATGGAGTAAAATGAATGATGCCGGATCAGACCGAG
```

**19-CDC-112-04:**

```
> 2 patients_Sacramento
```

```
AACAAGGCACTCGAAATGTGCATTGATCAAGTCACTATCGCTGGCGCAAAGTTGCGATCACTCAACTTAG
> 1 patient_Miami
GGGATGAATAAGTGTTATATACAGATCATGGATCTTGGACACATGTGTGATGCCACCATGAGCTATGAAT
> 2 patients_Miami
CACTTAGTGATATTTAGTGGATGTGTAGACAATAATATTAGTCCTAGATTAAAAGCTATATGTATAGAAAAA
> 1 patient_Sante Fe
TATTCTCATGACAGCTCGCACTGTTTATGATGATGCTGCTAGACGTGTTTGGACACTGATGAATGTCATT
> 1 patient_Dallas
TGGAACATGGAGGTTGTGTACCGTAATGGCACAGGACAAACCGACTGTTCGACATAGAGCTGGTTACAAC
> 1 patient_Salt Lake City
AAAAATCTACAAACTTATTTTGAAAAGTCGAAAGGTTAAAACATGGAACCTTTGGCCCTGTCCATTTT
> 1 patient_Los Angeles
GTATACGGCATGCTCTCATGCAGCTGTTGATGCCCTATGTGAAAAGGCATTAAAATATTTGCCCATAGAT
```

#### 19-CDC-112-05:

```
> 1 patient_Raleigh
TGGGAGTGCATACTATATGTACTTGGACAGAAACGATGCTGGGGAGGCCATATCTTTTCCAACCACATTG
> 1 patient_Miami
CAAAGTAGAGCTGCAAAAAGGAGATTATTTGAAAGCGAAGACAGCGGGTATGGCAATACTGAAGTGGAA
> 2 patients_Los Angeles
TCTTTGGAGTACAAAGCCAGTAGATACTTCAAATTCATTTGAAGTTCTGGCAGTAGAAGACACACAAGGA
> 1 patient_Sante Fe
ATGTTAGAGAGAGAACTAGTCCGCAAAACGAGATTCTCTCCAGTTGCTGGTGGAACAAGCAGTGTGTACA
> 1 patient_Chicago
CCTCTACTTTTGACAAGGCTGGTCAAAAGACCTATGAGAGACATCCGCTCTCCCATTTTGTCAATTTAGAC
> 1 patient_Atlanta
CCCGTCACTTAGGATGAAATGGATGATGGCAATGAAATATCCAATTACAGCAGACAAAAGGATAACGGAA
> 1 patient_Seattle
TTTGTCCGTATCCAACCTGGTCAAACATTTTCAGTTCTAGCATGCTACAATGGTTCACCATCTGGTGTTT
```

#### 19-CDC-112-06:

```
> 1 patient_Washington D.C.
TACTCACAAAACCACCGTGGACCATATGGCCATAATCAAGAAATACACATCAGGAAGACAGGAAAAGAA
> 1 patient_Las Vegas
TGGATTTCATATTACTCATTTGCTGATGCCCATCCTCACTTTGACTAGGGCATTGGCTGCTGAGTCCCATAT
> 2 patients_New York
TTAGAGTCGAAAATTGGATATTCAGGAACCCTGGTTTCGCTTTAGCAGCAGCTGCCATCGCTTGGCTTTT
> 1 patient_Atlanta
TTTACTGCACAGGAAGCAAAACAACATAGAGATGCAGTACAGGTTCTAAAACGAAAGTATTTGGGTAGTC
> 1 patient_Seattle
CCACTAGCATCTTTATTGGAGATGTGCCACAGCACACAGATTGGTGAACAAGGATGGTGGACATTCTTA
> 1 patient_Los Angeles
AATGCTAGTTAAACAAGGAGATGATTACGTGTACCTGCCTTACCCAGATCCATCAAGAATATTAGGCGCA
> 1 patient_Sacramento
CATTCCTACTAGGAAGCTGCAAACGCGGTCGCAAACCTGGTTGGAATCAAGAGAATACACAAAGCACTTGA
```

#### 19-CDC-112-07:

```
> 2 patients_Sacramento
ACGGGCAATCTTCAAACATTGAAGATAAGGGTGCATGAGGGATATGAAGAATTCACAATGGTTGGGAGAA
> 2 patients_Wichita
GCCCTATGCTGGATGAGGGGGTGAACCAGATGACGTCGATTGTTGGTGCAACACGACGTCAACTTGGGT
```

> 1 patient\_Chicago  
CCAAACACCACTTACAAATATTTTAAATGTACTAAAACTAGTAATGCAAAGGCAGCAATGTTAGCAAAATT  
> 2 patients\_Salt Lake City  
CTGTCACCATACTTGATGGTATTTCTGAACAGTCATTACGTCTTGTGCGACGCCATGGTTTATACTTCAGA  
> 1 patient\_Denver  
AATGAGGGATGTGCTTGGGACATTTGACACCACTCAGATAATAAACTTCTTCCCTTTGCAGCCGCTCCA  
> 1 patient\_Cheyenne  
AAGCCTAGAGTGGAAGCACCTAAACAAGAGGAGCCACCAAACACAGAAGATTCCAAAACCTGAGGAGAAAT

**19-CDC-112-08:**

> 1 patient\_Los Angeles  
CATTACCAAATGCGAGTTTTGATAATTTCAAACCTCACATGTTCTAACACAAAATTTGCTGATGATTTAAA  
> 1 patient\_Helena  
CACAGGATGTAATCATGGAAGTTGTTTTCCCAAACGAAGTGGGAGCCAGAATACTAACGTCCGAGTCGCA  
> 1 patient\_Baton Rouge  
AGCCGCTGCCCCAACACAAGGTGAAGCCTACCTTGACAAGCAATCAGACACTCAATATGTYTGCAAAGAA  
> 1 patient\_Washington D.C.  
GATTGGTGTATTGCTGCATTTGGACTTACACCCAGTATAGCTGACAGTATAAAAACACTATTACAACAAT  
> 1 patient\_Boston  
GTTTGCATGCTCCAAGAAAATGACCGGGAAGAGCATCCAGCCAGAGAATCTGGAGTACCGGATAATGTTG  
> 2 patients\_Miami  
CACTCAAGGGTGTAAGATTGTTAGTACTTGTTTTAACTTATGCTTAAGGCCACATTATTGTGCGTTCT

**19-CDC-112-09:**

> 1 patient\_Boston  
ATTGTTTATATTTACACATTCAAAGTTTAGCATGTTTCATGGGGAATGGTTGTGTTACTATTAGTAAGATA  
> 1 patient\_Madison  
GCGCAGAACTAGTGTGCGAATTGTTGGCCTCCTTCTGACCACAGCTATGGCAGCGGAGGTCACTAGACG  
> 1 patient\_Nashville  
TTGAAGTGTTCATTTGACTCAAGGAACATGCTGGGAACAGATGTACACTCCAGGTGGAGAAGTGAGGAA  
> 2 patients\_Sacramento  
CGTCAAGGGTCAAATACAGGTTGCTTCAGATAACATCAAGGATTGTGTAAAATGCTTCATTGATGTTGTT  
> 1 patient\_Austin  
AGAAACCAAGTCAAATACGCCGAAGAGTTGACATAAATCCTGGCCATGCAGACCTCAGTGCCAAGGAGG  
> 1 patient\_Los Angeles  
GGAGTTTTCTGTGGTGTGATGCGATGAATCTCATAGCTAACATCTTTACTCCTCTTGTGCAACCTGTGG  
> 1 patient\_Los Angeles  
ATGGCTGATCCTGCAGGTACCAATGGGGAAGAGGGTACGGGATGTAATGGATGGTTTTATGTAGAGGCTG

**19-CDC-112-10:**

> 2 patients\_Santa Fe  
TTTGACACTTTCAAAGGGGAATGCCCCAAAGTTTGTGTTTCCTCTTAACTCAAAGTCAAAGTCATTCAAC  
> 1 patient\_Des Moines  
TGATGGTATCACCTCTGGCTGTGACATGGTGGAAATAGAAATGGACCAATGACAAGTACAATTCATTATCC  
> 1 patient\_Los Angeles  
TAGTGGAATAAAAAACAGGGGATGCTATATCAGATGACGAGAACGAAAATGACAGTGATACAGGTGAAGA  
> 1 patient\_Dallas  
AACAGTCAGCAACATGGCGGAGGTAAGATCCTACTGCTATGAGGCATCAATATCAGACATGGCTTCGGAC  
> 1 patient\_Chicago  
TTTGGTAGATTTTATAGTAAATGATAATGATTATTTAACACAGGCAGAAACAGAGACAGCACATGCGTTG  
> 1 patient\_Seattle

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CATGTGGGTACCTACCTACTAATGCTGTAGTGAAAATGCCATGTCCTGCCTGTCAAGACCCAGAGATTGG
> 2 patients_Lincoln
GGCAGAACCCAACAGAAGAACAAGCCGTGGATATATGCAAGGCTGCAATGGGACTGAGAATCAGCTCATC
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