

## Formatted Alignments

<b>PB2 246038 MiSeq</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 Method A</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 Method S</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 Method E</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 Method K</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 Method N</b>	1	ATGGAGAGAATAAAAAGAACTGATAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTA	60
<b>PB2 246038 MiSeq</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 Method A</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 Method S</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 Method E</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 Method K</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 Method N</b>	61	ACCAAAACCACTGTTGACCACATGGCCATAATCAAGAAGTACACATCAGGAAGACAAGAA	120
<b>PB2 246038 MiSeq</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 Method A</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 Method S</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 Method E</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 Method K</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 Method N</b>	121	AAGAACCCTGCACTCAGAATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
<b>PB2 246038 MiSeq</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240
<b>PB2 246038 Method A</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240
<b>PB2 246038 Method S</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240
<b>PB2 246038 Method E</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240
<b>PB2 246038 Method K</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240
<b>PB2 246038 Method N</b>	181	AAGCGAATAATGGAAATGATCCCTGAAAGGAATGAACAAGGACAAACCCTCTGGAGCAAG	240

PB2 246038 MiSeq	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 Method A	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 Method S	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 Method E	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 Method K	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 Method N	241	ACAAATGATGCCGGATCAGATCGAGTGATGGTATCACCCCTGGCTGTGACATGGTGGAAT	300
PB2 246038 MiSeq	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 Method A	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 Method S	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 Method E	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 Method K	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 Method N	301	AGGAGTGGACCAACAACAAGTACAGTTCACCTATCCAAAGGTATACAAAACCTATTTTGAA	360
PB2 246038 MiSeq	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 Method A	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 Method S	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 Method E	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 Method K	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 Method N	361	AAAGTTGAAAGGTTGAAACACGGGACCTTTGGCCCTGTACACTTCAGAAACCAAGTTAAG	420
PB2 246038 MiSeq	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 Method A	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 Method S	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 Method E	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 Method K	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 Method N	421	ATAAGACGGAGGGTCGACATAAACCCGGGGCCATGCTGACCTCAGCGCCAAAGAGGCGCAG	480
PB2 246038 MiSeq	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540
PB2 246038 Method A	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540
PB2 246038 Method S	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540
PB2 246038 Method E	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540
PB2 246038 Method K	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540
PB2 246038 Method N	481	GACGTAATCATGGAAGTTGTCTTTCCAAATGAAGTGGGAGCGAGAATACTGACGTCGGAG	540

<b>PB2 246038 MiSeq</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600
<b>PB2 246038 Method A</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600
<b>PB2 246038 Method S</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600
<b>PB2 246038 Method E</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600
<b>PB2 246038 Method K</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600
<b>PB2 246038 Method N</b>	541	TCACAGTTGACAATAACAAAGGAAAAAGAAAGAAGAACTCCAGGACTGCAAAATCGCCCCCT	600

<b>PB2 246038 MiSeq</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660
<b>PB2 246038 Method A</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660
<b>PB2 246038 Method S</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660
<b>PB2 246038 Method E</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660
<b>PB2 246038 Method K</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660
<b>PB2 246038 Method N</b>	601	CTGATGGTTGCATACATGCTAGAAAAGAGAGCTGGTCCGCAAGACAAGGTTTCCTCCCAGTG	660

<b>PB2 246038 MiSeq</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720
<b>PB2 246038 Method A</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720
<b>PB2 246038 Method S</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720
<b>PB2 246038 Method E</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720
<b>PB2 246038 Method K</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720
<b>PB2 246038 Method N</b>	661	GCTGGTGGAACAAGCAGTGTCTACATTGAGGTGCTGCATTTGACCCAGGGAACATGCTGG	720

<b>PB2 246038 MiSeq</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780
<b>PB2 246038 Method A</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780
<b>PB2 246038 Method S</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780
<b>PB2 246038 Method E</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780
<b>PB2 246038 Method K</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780
<b>PB2 246038 Method N</b>	721	GAGCAGATGTATACTCCAGGAGGAGAAGTGAGAAACGATGATGTAGACCAGAGCTTAATC	780

<b>PB2 246038 MiSeq</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840
<b>PB2 246038 Method A</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840
<b>PB2 246038 Method S</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840
<b>PB2 246038 Method E</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840
<b>PB2 246038 Method K</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840
<b>PB2 246038 Method N</b>	781	ATTGCTGCCCGGAATATAGTAAGAAGAGCAACAGTGTCAGCAGACCCATTAGCATCTCTA	840

<b>PB2 246038 MiSeq</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 Method A</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 Method S</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 Method E</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 Method K</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 Method N</b>	841	TTGGAGATGTGCCACAGCACACAAAATTGGAGGAATAAGGATGGTAGACATTCTTCGGCAA	900
<b>PB2 246038 MiSeq</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 Method A</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 Method S</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 Method E</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 Method K</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 Method N</b>	901	AATCCAACGGAGGAACAAGCCGTGGACATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
<b>PB2 246038 MiSeq</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 Method A</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 Method S</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 Method E</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 Method K</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 Method N</b>	961	TCATCGTTTCAGCTTTGGTGGATTCACTTTTAAAAGAACAAGTGGATCGTCAATCAAAAGG	1020
<b>PB2 246038 MiSeq</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 Method A</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 Method S</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 Method E</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 Method K</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 Method N</b>	1021	GAAGAAGAGGTGCTTACGGGCAACCTTCAAACATTGAAAATAAGAGTACATGAGGGGTAT	1080
<b>PB2 246038 MiSeq</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140
<b>PB2 246038 Method A</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140
<b>PB2 246038 Method S</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140
<b>PB2 246038 Method E</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140
<b>PB2 246038 Method K</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140
<b>PB2 246038 Method N</b>	1081	GAAGAGTTCACTATGGTTGGAAGAAGAGCAACGGCCATCCTCAGGAAAGCAACCAGAAGG	1140

<b>PB2 246038 MiSeq</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200
<b>PB2 246038 Method A</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200
<b>PB2 246038 Method S</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200
<b>PB2 246038 Method E</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200
<b>PB2 246038 Method K</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200
<b>PB2 246038 Method N</b>	1141	CTGATCCAGCTAATAGTAAGTGGGAAGGGACGAACAGTCAATTGCTGAAGCAATAATCGTG	1200

<b>PB2 246038 MiSeq</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260
<b>PB2 246038 Method A</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260
<b>PB2 246038 Method S</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260
<b>PB2 246038 Method E</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260
<b>PB2 246038 Method K</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260
<b>PB2 246038 Method N</b>	1201	GCCATGGTATTCTCACAAGAGGACTGCATGATAAAGGCAGTTCGAGGTGATCTGAACTTT	1260

<b>PB2 246038 MiSeq</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320
<b>PB2 246038 Method A</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320
<b>PB2 246038 Method S</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320
<b>PB2 246038 Method E</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320
<b>PB2 246038 Method K</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320
<b>PB2 246038 Method N</b>	1261	GTCAATAGAGCGAATCAGCGGCTGAATCCAATGCATCAGCTCTTGAGACACTTCCAAAAG	1320

<b>PB2 246038 MiSeq</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380
<b>PB2 246038 Method A</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380
<b>PB2 246038 Method S</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380
<b>PB2 246038 Method E</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380
<b>PB2 246038 Method K</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380
<b>PB2 246038 Method N</b>	1321	GATGCAAAAAGTGCTTTTCCAAAATTGGGGGAATTGAGCCCATTGACAATGTGATGGGAATG	1380

<b>PB2 246038 MiSeq</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
<b>PB2 246038 Method A</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
<b>PB2 246038 Method S</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
<b>PB2 246038 Method E</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
<b>PB2 246038 Method K</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
<b>PB2 246038 Method N</b>	1381	ATCGGGATATTGCCTGACATGACTCCAAGTACTGAGATGTCACTGAGGGGAATAAGAGTC	1440

<b>PB2 246038 MiSeq</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500
<b>PB2 246038 Method A</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500
<b>PB2 246038 Method S</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500
<b>PB2 246038 Method E</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500
<b>PB2 246038 Method K</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500
<b>PB2 246038 Method N</b>	1441	AGTAAGATGGGAGTAGATGAATACTCCAGTACAGAGCGGGTAGTAGTAAGCATCGATCGA	1500

<b>PB2 246038 MiSeq</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560
<b>PB2 246038 Method A</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560
<b>PB2 246038 Method S</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560
<b>PB2 246038 Method E</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560
<b>PB2 246038 Method K</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560
<b>PB2 246038 Method N</b>	1501	TTTTTAAGAGTTCGAGACCAACGGGGGAGCGTACTACTGTCACCCGAAGAAGTCAGCGAG	1560

<b>PB2 246038 MiSeq</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620
<b>PB2 246038 Method A</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620
<b>PB2 246038 Method S</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620
<b>PB2 246038 Method E</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620
<b>PB2 246038 Method K</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620
<b>PB2 246038 Method N</b>	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCGTCATCAATGATGTGGGAGATCAAT	1620

<b>PB2 246038 MiSeq</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680
<b>PB2 246038 Method A</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680
<b>PB2 246038 Method S</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680
<b>PB2 246038 Method E</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680
<b>PB2 246038 Method K</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680
<b>PB2 246038 Method N</b>	1621	GGTCCTGAGTCGGTGTTGGTCAATACTTATCAGTGGATAATCAGAAACTGGGAAACAGTA	1680

<b>PB2 246038 MiSeq</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740
<b>PB2 246038 Method A</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740
<b>PB2 246038 Method S</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740
<b>PB2 246038 Method E</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740
<b>PB2 246038 Method K</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740
<b>PB2 246038 Method N</b>	1681	AAAATTCAATGGTCACAAGATCCCACAATGTTGTATAATAAGATGGAGTTCGAGCCATTC	1740

<b>PB2 246038 MiSeq</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800
<b>PB2 246038 Method A</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800
<b>PB2 246038 Method S</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800
<b>PB2 246038 Method E</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800
<b>PB2 246038 Method K</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800
<b>PB2 246038 Method N</b>	1741	CAGTCTCTGGTCCCTAAGGCAGCCAGGGGTCAATACAGTGGGTTTCGTGAGGACACTATTT	1800

<b>PB2 246038 MiSeq</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860
<b>PB2 246038 Method A</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860
<b>PB2 246038 Method S</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860
<b>PB2 246038 Method E</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860
<b>PB2 246038 Method K</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860
<b>PB2 246038 Method N</b>	1801	CAGCAAATGCGAGATGTGCTTGGAACATTTGACACTGTTTCAGATAATAAACTTCTCCCC	1860

<b>PB2 246038 MiSeq</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920
<b>PB2 246038 Method A</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920
<b>PB2 246038 Method S</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920
<b>PB2 246038 Method E</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920
<b>PB2 246038 Method K</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920
<b>PB2 246038 Method N</b>	1861	TTTGCTGCTGCCCCACCGGAACAAAGTAGGATGCAATTCTCCTCTCTGACTGTGAATGTG	1920

<b>PB2 246038 MiSeq</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980
<b>PB2 246038 Method A</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980
<b>PB2 246038 Method S</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980
<b>PB2 246038 Method E</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980
<b>PB2 246038 Method K</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980
<b>PB2 246038 Method N</b>	1921	AGAGGATCAGGAATGAGAATACTGGTAAGAGGCAATTCTCCAGTGTTCAATTACAACAAG	1980

<b>PB2 246038 MiSeq</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040
<b>PB2 246038 Method A</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040
<b>PB2 246038 Method S</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040
<b>PB2 246038 Method E</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040
<b>PB2 246038 Method K</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040
<b>PB2 246038 Method N</b>	1981	GCCACCAAGAGGCTCACAATTCTCGGGAAAGATGCAGGTGCATTGACCGAAGACCCAGAT	2040

<b>PB2 246038 MiSeq</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100
<b>PB2 246038 Method A</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100
<b>PB2 246038 Method S</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100
<b>PB2 246038 Method E</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100
<b>PB2 246038 Method K</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100
<b>PB2 246038 Method N</b>	2041	GAAGGCACAGCTGGAGTGGAGTCTGCTGTTTTAAGAGGATTTCCTCATTTTGGGCAAAGAA	2100

<b>PB2 246038 MiSeq</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160
<b>PB2 246038 Method A</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160
<b>PB2 246038 Method S</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160
<b>PB2 246038 Method E</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160
<b>PB2 246038 Method K</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160
<b>PB2 246038 Method N</b>	2101	GACAAGAGATATGGCCCAGCACTGAGCATCAATGAGCTGAGCAATTTGGCAAAGGGAGAG	2160

<b>PB2 246038 MiSeq</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220
<b>PB2 246038 Method A</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220
<b>PB2 246038 Method S</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220
<b>PB2 246038 Method E</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220
<b>PB2 246038 Method K</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220
<b>PB2 246038 Method N</b>	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTGATGAAACGGAAACGGGAC	2220

<b>PB2 246038 MiSeq</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280
<b>PB2 246038 Method A</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280
<b>PB2 246038 Method S</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280
<b>PB2 246038 Method E</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280
<b>PB2 246038 Method K</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280
<b>PB2 246038 Method N</b>	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGAATTCGGATGGCCATCAATTAG	2280