

## Formatted Alignments

PB1 245625 MiSeq	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 245626 Method A	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 245626 Method E	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 245626 Method K	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 245626 Method N	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 245625 MiSeq	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 245626 Method A	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 245626 Method E	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 245626 Method K	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 245626 Method N	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 245625 MiSeq	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 245626 Method A	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 245626 Method E	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 245626 Method K	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 245626 Method N	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 245625 MiSeq	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGAGGACAACGAACCGAGC	240
PB1 245626 Method A	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGAGGACAACGAACCGAGC	240
PB1 245626 Method E	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGAGGACAACGAACCGAGC	240
PB1 245626 Method K	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGAGGACAACGAACCGAGC	240
PB1 245626 Method N	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGAGGACAACGAACCGAGC	240
PB1 245625 MiSeq	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 245626 Method A	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 245626 Method E	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 245626 Method K	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 245626 Method N	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300

PB1 245625 MiSeq	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 245626 Method A	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 245626 Method E	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 245626 Method K	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 245626 Method N	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 245625 MiSeq	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 245626 Method A	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 245626 Method E	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 245626 Method K	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 245626 Method N	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 245625 MiSeq	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 245626 Method A	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 245626 Method E	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 245626 Method K	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 245626 Method N	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 245625 MiSeq	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 245626 Method A	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 245626 Method E	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 245626 Method K	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 245626 Method N	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 245625 MiSeq	541	ATAACAACACATTTCCAGAGAAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 245626 Method A	541	ATAACAACACATTTCCAGAGAAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 245626 Method E	541	ATAACAACACATTTCCAGAGAAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 245626 Method K	541	ATAACAACACATTTCCAGAGAAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 245626 Method N	541	ATAACAACACATTTCCAGAGAAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600

PB1 245625 MiSeq	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 245626 Method A	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 245626 Method E	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 245626 Method K	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 245626 Method N	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 245625 MiSeq	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 245626 Method A	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 245626 Method E	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 245626 Method K	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 245626 Method N	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 245625 MiSeq	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 245626 Method A	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 245626 Method E	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 245626 Method K	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 245626 Method N	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 245625 MiSeq	781	AGCATCTGTGAAAAAATTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 245626 Method A	781	AGCATCTGTGAAAAAATTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 245626 Method E	781	AGCATCTGTGAAAAAATTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 245626 Method K	781	AGCATCTGTGAAAAAATTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 245626 Method N	781	AGCATCTGTGAAAAAATTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 245625 MiSeq	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAGATACAGAGCTCTCCTTC	900
PB1 245626 Method A	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAGATACAGAGCTCTCCTTC	900
PB1 245626 Method E	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAGATACAGAGCTCTCCTTC	900
PB1 245626 Method K	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAGATACAGAGCTCTCCTTC	900
PB1 245626 Method N	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAGATACAGAGCTCTCCTTC	900

<b>PB1 245625 MiSeq</b>	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAAATCCTCGGATGTTTCTGGCA	960
<b>PB1 245626 Method A</b>	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAAATCCTCGGATGTTTCTGGCA	960
<b>PB1 245626 Method E</b>	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAAATCCTCGGATGTTTCTGGCA	960
<b>PB1 245626 Method K</b>	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAAATCCTCGGATGTTTCTGGCA	960
<b>PB1 245626 Method N</b>	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAAATCCTCGGATGTTTCTGGCA	960

<b>PB1 245625 MiSeq</b>	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
<b>PB1 245626 Method A</b>	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
<b>PB1 245626 Method E</b>	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
<b>PB1 245626 Method K</b>	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
<b>PB1 245626 Method N</b>	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020

<b>PB1 245625 MiSeq</b>	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
<b>PB1 245626 Method A</b>	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
<b>PB1 245626 Method E</b>	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
<b>PB1 245626 Method K</b>	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
<b>PB1 245626 Method N</b>	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080

<b>PB1 245625 MiSeq</b>	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAACATTGACTTAAAATAC	1140
<b>PB1 245626 Method A</b>	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAACATTGACTTAAAATAC	1140
<b>PB1 245626 Method E</b>	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAACATTGACTTAAAATAC	1140
<b>PB1 245626 Method K</b>	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAACATTGACTTAAAATAC	1140
<b>PB1 245626 Method N</b>	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAACATTGACTTAAAATAC	1140

<b>PB1 245625 MiSeq</b>	1141	TTCAATGAATCAACAAGAAAGAAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
<b>PB1 245626 Method A</b>	1141	TTCAATGAATCAACAAGAAAGAAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
<b>PB1 245626 Method E</b>	1141	TTCAATGAATCAACAAGAAAGAAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
<b>PB1 245626 Method K</b>	1141	TTCAATGAATCAACAAGAAAGAAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
<b>PB1 245626 Method N</b>	1141	TTCAATGAATCAACAAGAAAGAAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200

<b>PB1 245625 MiSeq</b>	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAATATGCTGAGTACAGTATTAGGA	1260
<b>PB1 245626 Method A</b>	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAATATGCTGAGTACAGTATTAGGA	1260
<b>PB1 245626 Method E</b>	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAATATGCTGAGTACAGTATTAGGA	1260
<b>PB1 245626 Method K</b>	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAATATGCTGAGTACAGTATTAGGA	1260
<b>PB1 245626 Method N</b>	1201	GCCTCATTGAGTCCTGGTATGATGATGGGCATGTTCAATATGCTGAGTACAGTATTAGGA	1260

<b>PB1 245625 MiSeq</b>	1261	GTTTCAATCCTAAATCTTGGGCAAAAAGAGGTACACCAAAACCACATACTGGTGGGATGGA	1320
<b>PB1 245626 Method A</b>	1261	GTTTCAATCCTAAATCTTGGGCAAAAAGAGGTACACCAAAACCACATACTGGTGGGATGGA	1320
<b>PB1 245626 Method E</b>	1261	GTTTCAATCCTAAATCTTGGGCAAAAAGAGGTACACCAAAACCACATACTGGTGGGATGGA	1320
<b>PB1 245626 Method K</b>	1261	GTTTCAATCCTAAATCTTGGGCAAAAAGAGGTACACCAAAACCACATACTGGTGGGATGGA	1320
<b>PB1 245626 Method N</b>	1261	GTTTCAATCCTAAATCTTGGGCAAAAAGAGGTACACCAAAACCACATACTGGTGGGATGGA	1320

<b>PB1 245625 MiSeq</b>	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
<b>PB1 245626 Method A</b>	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
<b>PB1 245626 Method E</b>	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
<b>PB1 245626 Method K</b>	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
<b>PB1 245626 Method N</b>	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380

<b>PB1 245625 MiSeq</b>	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
<b>PB1 245626 Method A</b>	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
<b>PB1 245626 Method E</b>	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
<b>PB1 245626 Method K</b>	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
<b>PB1 245626 Method N</b>	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440

<b>PB1 245625 MiSeq</b>	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTCACAAGCTTTTTCTATCGCTATGGA	1500
<b>PB1 245626 Method A</b>	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTCACAAGCTTTTTCTATCGCTATGGA	1500
<b>PB1 245626 Method E</b>	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTCACAAGCTTTTTCTATCGCTATGGA	1500
<b>PB1 245626 Method K</b>	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTCACAAGCTTTTTCTATCGCTATGGA	1500
<b>PB1 245626 Method N</b>	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTCACAAGCTTTTTCTATCGCTATGGA	1500

PB1 245625 MiSeq	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 245626 Method A	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 245626 Method E	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 245626 Method K	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 245626 Method N	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560

PB1 245625 MiSeq	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAAAACAACATGATAAACAATGACCTTGGT	1620
PB1 245626 Method A	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAAAACAACATGATAAACAATGACCTTGGT	1620
PB1 245626 Method E	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAAAACAACATGATAAACAATGACCTTGGT	1620
PB1 245626 Method K	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAAAACAACATGATAAACAATGACCTTGGT	1620
PB1 245626 Method N	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAAAACAACATGATAAACAATGACCTTGGT	1620

PB1 245625 MiSeq	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 245626 Method A	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 245626 Method E	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 245626 Method K	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 245626 Method N	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680

PB1 245625 MiSeq	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 245626 Method A	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 245626 Method E	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 245626 Method K	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 245626 Method N	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740

PB1 245625 MiSeq	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGATGGAGGACCAAATCTATACAAC	1800
PB1 245626 Method A	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGATGGAGGACCAAATCTATACAAC	1800
PB1 245626 Method E	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGATGGAGGACCAAATCTATACAAC	1800
PB1 245626 Method K	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGATGGAGGACCAAATCTATACAAC	1800
PB1 245626 Method N	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGATGGAGGACCAAATCTATACAAC	1800

<b>PB1 245625 MiSeq</b>	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCCTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
<b>PB1 245626 Method A</b>	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCCTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
<b>PB1 245626 Method E</b>	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCCTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
<b>PB1 245626 Method K</b>	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCCTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
<b>PB1 245626 Method N</b>	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCCTGAAGTGGGAGCTGATGGACGAAGATTAC	1860

<b>PB1 245625 MiSeq</b>	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
<b>PB1 245626 Method A</b>	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
<b>PB1 245626 Method E</b>	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
<b>PB1 245626 Method K</b>	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
<b>PB1 245626 Method N</b>	1861	CAGGGCAGGTTGTGTAATCTTCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920

<b>PB1 245625 MiSeq</b>	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
<b>PB1 245626 Method A</b>	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
<b>PB1 245626 Method E</b>	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
<b>PB1 245626 Method K</b>	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
<b>PB1 245626 Method N</b>	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980

<b>PB1 245625 MiSeq</b>	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
<b>PB1 245626 Method A</b>	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
<b>PB1 245626 Method E</b>	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
<b>PB1 245626 Method K</b>	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
<b>PB1 245626 Method N</b>	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040

<b>PB1 245625 MiSeq</b>	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
<b>PB1 245626 Method A</b>	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
<b>PB1 245626 Method E</b>	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
<b>PB1 245626 Method K</b>	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
<b>PB1 245626 Method N</b>	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100

<b>PB1 245625 MiSeq</b>	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
<b>PB1 245626 Method A</b>	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
<b>PB1 245626 Method E</b>	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
<b>PB1 245626 Method K</b>	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
<b>PB1 245626 Method N</b>	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160

<b>PB1 245625 MiSeq</b>	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
<b>PB1 245626 Method A</b>	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
<b>PB1 245626 Method E</b>	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
<b>PB1 245626 Method K</b>	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
<b>PB1 245626 Method N</b>	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220

<b>PB1 245625 MiSeq</b>	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
<b>PB1 245626 Method A</b>	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
<b>PB1 245626 Method E</b>	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
<b>PB1 245626 Method K</b>	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
<b>PB1 245626 Method N</b>	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274