

Formatted Alignments

PB2 245467 MiSeq	1	ATGGAGAGAATAAGAGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 Method A	1	ATGGAGAGAATAAGAGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 Method S	1	ATGGAGAGAATAA[A]AGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 Method E	1	ATGGAGAGAATAAGAGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 Method K	1	ATGGAGAGAATAAGAGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 Method N	1	ATGGAGAGAATAAGAGAACTAAGAGATCTAATGTCACAGTCTCGCACTCGCGAGATACTC	60
PB2 245467 MiSeq	61	ACCAAAACTACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 Method A	61	ACCAAAACTACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 Method S	61	ACCAAAAC[C]ACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 Method E	61	ACCAAAACTACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 Method K	61	ACCAAAACTACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 Method N	61	ACCAAAACTACTGTGGACCACATGGCCATAATCAAAAAATACACATCGGGAAGGCAAGAG	120
PB2 245467 MiSeq	121	AAGAACCCCGCGCTCAGGATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
PB2 245467 Method A	121	AAGAACCCCGCGCTCAGGATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
PB2 245467 Method S	121	AAGAACCCCGC[A]CTCAGGATGAAATGGATGATGGCAATGAAATA[C]CCAATCACAGCAGAC	180
PB2 245467 Method E	121	AAGAACCCCGCGCTCAGGATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
PB2 245467 Method K	121	AAGAACCCCGCGCTCAGGATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
PB2 245467 Method N	121	AAGAACCCCGCGCTCAGGATGAAATGGATGATGGCAATGAAATATCCAATCACAGCAGAC	180
PB2 245467 MiSeq	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGACAAACCCTTTGGAGCAAA	240
PB2 245467 Method A	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGACAAACCCTTTGGAGCAAA	240
PB2 245467 Method S	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGG[G]CAAACCCT[C]TGGAGCAAA	240
PB2 245467 Method E	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGACAAACCCTTTGGAGCAAA	240
PB2 245467 Method K	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGACAAACCCTTTGGAGCAAA	240
PB2 245467 Method N	181	AAGAGAATAATGGAAATGATTCCTGAAAGAAATGAACAAGGACAAACCCTTTGGAGCAAA	240

PB2 245467 MiSeq	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300
PB2 245467 Method A	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300
PB2 245467 Method S	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300
PB2 245467 Method E	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300
PB2 245467 Method K	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300
PB2 245467 Method N	241	ACGAACGATGCCGGGTCTGACCGAGTGATGGTATCACCTCTGGCCGTGACATGGTGGAAT	300

PB2 245467 MiSeq	301	AGGAACGGACCAACAACAAGTACGGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360
PB2 245467 Method A	301	AGGAACGGACCAACAACAAGTACGGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360
PB2 245467 Method S	301	AGGAATGGACCAACAACAAGTACAGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360
PB2 245467 Method E	301	AGGAACGGACCAACAACAAGTACGGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360
PB2 245467 Method K	301	AGGAACGGACCAACAACAAGTACGGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360
PB2 245467 Method N	301	AGGAACGGACCAACAACAAGTACGGTCCACTACCCAAAGGTATACAAAACGTATTTTCGAA	360

PB2 245467 MiSeq	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420
PB2 245467 Method A	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420
PB2 245467 Method S	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420
PB2 245467 Method E	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420
PB2 245467 Method K	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420
PB2 245467 Method N	361	AAAGTTGAAAGATTGAAACATGGGACCTTTGGTCCTGTTCACTTCAGAAATCAAGTTAAG	420

PB2 245467 MiSeq	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480
PB2 245467 Method A	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480
PB2 245467 Method S	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480
PB2 245467 Method E	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480
PB2 245467 Method K	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480
PB2 245467 Method N	421	ATAAGACGGAGAGTCGACATAAAACCCAGGCCATGCAGACCTCAGTGCCAAAGAGGCGCAG	480

PB2 245467 MiSeq	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540
PB2 245467 Method A	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540
PB2 245467 Method S	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540
PB2 245467 Method E	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540
PB2 245467 Method K	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540
PB2 245467 Method N	481	GATGTAATCATGGAAGTTGTCTTCCCAAATGAAGTGGGAGCGAGAATACTAACATCGGAG	540

PB2 245467 MiSeq	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600
PB2 245467 Method A	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600
PB2 245467 Method S	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600
PB2 245467 Method E	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600
PB2 245467 Method K	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600
PB2 245467 Method N	541	TCACAACCTGACGATAACAAAGGAGAAGAAGGAAGAAGTCCAAGACTGCAAAAATTGCACCT	600

PB2 245467 MiSeq	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660
PB2 245467 Method A	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660
PB2 245467 Method S	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660
PB2 245467 Method E	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660
PB2 245467 Method K	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660
PB2 245467 Method N	601	TTGATGGTCGCATACATGCTAGAAAAGAGAGTTAGTCCGCAAGACGAGGTTTCCTCCCAGTG	660

PB2 245467 MiSeq	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720
PB2 245467 Method A	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720
PB2 245467 Method S	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720
PB2 245467 Method E	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720
PB2 245467 Method K	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720
PB2 245467 Method N	661	GCTGGTGGAACAAGCAGTGTCTATATTGAGGTGCTGCATTTAACCCAGGGGACATGCTGG	720

PB2 245467 MiSeq	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780
PB2 245467 Method A	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780
PB2 245467 Method S	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780
PB2 245467 Method E	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780
PB2 245467 Method K	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780
PB2 245467 Method N	721	GAGCAGATGTACACTCCAGGAGGAGAAGTGAGAAATGATGATGTAGACCAGAGTTTGATT	780

PB2 245467 MiSeq	781	ATCGCCGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840
PB2 245467 Method A	781	ATCGCCGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840
PB2 245467 Method S	781	ATCGCCTGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840
PB2 245467 Method E	781	ATCGCCGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840
PB2 245467 Method K	781	ATCGCCGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840
PB2 245467 Method N	781	ATCGCCGCCAGGAACATAGTAAGAAGAGCAACAGTATCAGCAGATCCATTAGCATCTCTA	840

PB2 245467 MiSeq	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATTCTTCGACAA	900
PB2 245467 Method A	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATTCTTCGACAA	900
PB2 245467 Method S	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATCCTTCGGCAA	900
PB2 245467 Method E	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATTCTTCGACAA	900
PB2 245467 Method K	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATTCTTCGACAA	900
PB2 245467 Method N	841	TTGGAGATGTGCCACAGCACACAGATTGGGGGAATAAGGATGGTCGACATTCTTCGACAA	900
PB2 245467 MiSeq	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 Method A	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 Method S	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 Method E	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 Method K	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 Method N	901	AATCCAACAGAGGAACAAGCCGTGGATATATGCAAGGCAGCAATGGGCTTGAGGATTAGC	960
PB2 245467 MiSeq	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 Method A	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 Method S	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 Method E	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 Method K	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 Method N	961	TCATCTTTCAGCTTTGGTGGATTCACTTTCAAAGAACAAGTGGATCATCAGTCAAAAGA	1020
PB2 245467 MiSeq	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 Method A	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 Method S	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 Method E	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 Method K	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 Method N	1021	GAAGAAGAAGTGCTTACGGGCAACCTTCAAACACTGAAAATAAGAGTACATGAGGGGTAT	1080
PB2 245467 MiSeq	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140
PB2 245467 Method A	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140
PB2 245467 Method S	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140
PB2 245467 Method E	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140
PB2 245467 Method K	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140
PB2 245467 Method N	1081	GAAGAGTTCACGATGGTTGGAAGAAGAGCAACGGCTATTCTCAGGAAGGCAACCAGAAGG	1140

PB2 245467 MiSeq	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTA	1200
PB2 245467 Method A	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTA	1200
PB2 245467 Method S	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTG	1200
PB2 245467 Method E	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTA	1200
PB2 245467 Method K	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTA	1200
PB2 245467 Method N	1141	TTGATCCAGCTAATAGTAAGTGGGAAGAGACGAGCAGTCAATTGCTGAAGCAATAATTGTA	1200

PB2 245467 MiSeq	1201	GCCATGGTATTCTCACAGGAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260
PB2 245467 Method A	1201	GCCATGGTATTCTCACAGGAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260
PB2 245467 Method S	1201	GCCATGGTATTCTC[C]CA[A]GAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260
PB2 245467 Method E	1201	GCCATGGTATTCTCACAGGAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260
PB2 245467 Method K	1201	GCCATGGTATTCTCACAGGAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260
PB2 245467 Method N	1201	GCCATGGTATTCTCACAGGAAGACTGCATGATCAAGGCAGTTCGAGGTGATCTGAATTTT	1260

PB2 245467 MiSeq	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320
PB2 245467 Method A	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320
PB2 245467 Method S	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320
PB2 245467 Method E	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320
PB2 245467 Method K	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320
PB2 245467 Method N	1261	GTCAATAGGGCGAACCAGCGGCTGAATCCAATGCATCAACTCTTGAGACACTTCCAAAAG	1320

PB2 245467 MiSeq	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAATCCATTGACAACGTGATGGGGATG	1380
PB2 245467 Method A	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAATCCATTGACAACGTGATGGGGATG	1380
PB2 245467 Method S	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAA[C]CCATTGACAA[T]GTGATGGGGATG	1380
PB2 245467 Method E	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAATCCATTGACAACGTGATGGGGATG	1380
PB2 245467 Method K	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAATCCATTGACAACGTGATGGGGATG	1380
PB2 245467 Method N	1321	GATGCTAAAGTGCTTTTCCAAAACCTGGGGAATTGAATCCATTGACAACGTGATGGGGATG	1380

PB2 245467 MiSeq	1381	ATTGGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
PB2 245467 Method A	1381	ATTGGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
PB2 245467 Method S	1381	AT[C]GGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGG[C]ATAAGAGTC	1440
PB2 245467 Method E	1381	ATTGGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
PB2 245467 Method K	1381	ATTGGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGGAATAAGAGTC	1440
PB2 245467 Method N	1381	ATTGGGATATTGCCCGACATGACCCCAAGCACTGAGATGTCACTGAGGGGAATAAGAGTC	1440

PB2 245467 MiSeq	1441	AGCAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTGGTGAGCATCGACCGA	1500
PB2 245467 Method A	1441	AGCAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTGGTGAGCATCGACCGA	1500
PB2 245467 Method S	1441	AGTAAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTAAAGTGAGCATCGACCGA	1500
PB2 245467 Method E	1441	AGCAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTGGTGAGCATCGACCGA	1500
PB2 245467 Method K	1441	AGCAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTGGTGAGCATCGACCGA	1500
PB2 245467 Method N	1441	AGCAAGATGGGAGTAGATGAATACTCCAGTACAGAGAGGGTGGTGGTGAGCATCGACCGA	1500

PB2 245467 MiSeq	1501	TTTTTAAGAGTCCGGGACCAACGAGGGAATGTACTATTGTCACCAGAAGAAGTCAGCGAG	1560
PB2 245467 Method A	1501	TTTTTAAGAGTCCGGGACCAACGAGGGAATGTACTATTGTCACCAGAAGAAGTCAGCGAG	1560
PB2 245467 Method S	1501	TTTTTAAGAGTTCCGGGACCAACGAGGGAACGTACTATTGTCACCTGAAGAAGTCAGCGAG	1560
PB2 245467 Method E	1501	TTTTTAAGAGTCCGGGACCAACGAGGGAATGTACTATTGTCACCAGAAGAAGTCAGCGAG	1560
PB2 245467 Method K	1501	TTTTTAAGAGTCCGGGACCAACGAGGGAATGTACTATTGTCACCAGAAGAAGTCAGCGAG	1560
PB2 245467 Method N	1501	TTTTTAAGAGTCCGGGACCAACGAGGGAATGTACTATTGTCACCAGAAGAAGTCAGCGAG	1560

PB2 245467 MiSeq	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620
PB2 245467 Method A	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620
PB2 245467 Method S	1561	ACACAAGGACACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620
PB2 245467 Method E	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620
PB2 245467 Method K	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620
PB2 245467 Method N	1561	ACACAAGGAACAGAGAAATTGACAATCACTTATTCATCATCAATGATGTGGGAGATCAAT	1620

PB2 245467 MiSeq	1621	GGACCCGAATCGGTGTTGGTCAACACTTATCAGTGGATCATCAGGAACTGGGAAACTGTG	1680
PB2 245467 Method A	1621	GGACCCGAATCGGTGTTGGTCAACACTTATCAGTGGATCATCAGGAACTGGGAAACTGTG	1680
PB2 245467 Method S	1621	GGACCTGAGTCGGTGTGGTCAACACTTATCAGTGGATCATCAGAAATGGGAAACTGTG	1680
PB2 245467 Method E	1621	GGACCCGAATCGGTGTTGGTCAACACTTATCAGTGGATCATCAGGAACTGGGAAACTGTG	1680
PB2 245467 Method K	1621	GGACCCGAATCGGTGTTGGTCAACACTTATCAGTGGATCATCAGGAACTGGGAAACTGTG	1680
PB2 245467 Method N	1621	GGACCCGAATCGGTGTTGGTCAACACTTATCAGTGGATCATCAGGAACTGGGAAACTGTG	1680

PB2 245467 MiSeq	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740
PB2 245467 Method A	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740
PB2 245467 Method S	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740
PB2 245467 Method E	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740
PB2 245467 Method K	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740
PB2 245467 Method N	1681	AAAATTCAATGGTACAGGATCCCACAATGTTATATAATAAGATGGAATTCGAGCCATTC	1740

PB2 245467 MiSeq	1741	CAGTCTCTGATACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800
PB2 245467 Method A	1741	CAGTCTCTGATACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800
PB2 245467 Method S	1741	CAGTCTCTG G TACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800
PB2 245467 Method E	1741	CAGTCTCTGATACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800
PB2 245467 Method K	1741	CAGTCTCTGATACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800
PB2 245467 Method N	1741	CAGTCTCTGATACCTAAAGCAGCCAGAGGTCAATACAGTGGATTTCGTGAGGACACTATTC	1800

PB2 245467 MiSeq	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGTCCAAATAATAAACTCCTCCCC	1860
PB2 245467 Method A	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGTCCAAATAATAAACTCCTCCCC	1860
PB2 245467 Method S	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGT T CAAATAATAAACTCCTCCCC	1860
PB2 245467 Method E	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGTCCAAATAATAAACTCCTCCCC	1860
PB2 245467 Method K	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGTCCAAATAATAAACTCCTCCCC	1860
PB2 245467 Method N	1801	CAGCAGATGCGAGATGTGCTCGGAACATTTGACACTGTCCAAATAATAAACTCCTCCCC	1860

PB2 245467 MiSeq	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAGAATGCAATTCTCCTCCCTGACTGTAAATGTG	1920
PB2 245467 Method A	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAGAATGCAATTCTCCTCCCTGACTGTAAATGTG	1920
PB2 245467 Method S	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAG G ATGCAATTCTCCTCCCTGACTGTAAATGTG	1920
PB2 245467 Method E	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAGAATGCAATTCTCCTCCCTGACTGTAAATGTG	1920
PB2 245467 Method K	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAGAATGCAATTCTCCTCCCTGACTGTAAATGTG	1920
PB2 245467 Method N	1861	TTTGCTGCTGCCCCACCAGAACAAAGTAGAATGCAATTCTCCTCCCTGACTGTAAATGTG	1920

PB2 245467 MiSeq	1921	AGAGGATCAGGAATGAGAATACTGGTTAGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980
PB2 245467 Method A	1921	AGAGGATCAGGAATGAGAATACTGGTTAGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980
PB2 245467 Method S	1921	AGAGGATCAGGAATGAGAATACTGGT A AGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980
PB2 245467 Method E	1921	AGAGGATCAGGAATGAGAATACTGGTTAGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980
PB2 245467 Method K	1921	AGAGGATCAGGAATGAGAATACTGGTTAGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980
PB2 245467 Method N	1921	AGAGGATCAGGAATGAGAATACTGGTTAGAGGCAATTCCCCAGTGTTCAATTACAACAAG	1980

PB2 245467 MiSeq	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040
PB2 245467 Method A	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040
PB2 245467 Method S	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040
PB2 245467 Method E	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040
PB2 245467 Method K	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040
PB2 245467 Method N	1981	GCCACCAAGAGGCTCACAGTTCTCGGGAAAGATGCAGGTGCATTGACCGAAGATCCAGAT	2040

PB2 245467 MiSeq	2041	GAAGGCACATCTGGAGTAGAGTCTGCTGTTCTAAGAGGATTCCTCATTTTGGGCAAAGAA	2100
PB2 245467 Method A	2041	GAAGGCACATCTGGAGTAGAGTCTGCTGTTCTAAGAGGATTCCTCATTTTGGGCAAAGAA	2100
PB2 245467 Method S	2041	GAAGGCACAGCTGGAGTAGAGTCTGCTGTTCTAGAGGATTCCTCATTTTGGGCAAAGAA	2100
PB2 245467 Method E	2041	GAAGGCACATCTGGAGTAGAGTCTGCTGTTCTAAGAGGATTCCTCATTTTGGGCAAAGAA	2100
PB2 245467 Method K	2041	GAAGGCACATCTGGAGTAGAGTCTGCTGTTCTAAGAGGATTCCTCATTTTGGGCAAAGAA	2100
PB2 245467 Method N	2041	GAAGGCACATCTGGAGTAGAGTCTGCTGTTCTAAGAGGATTCCTCATTTTGGGCAAAGAA	2100

PB2 245467 MiSeq	2101	GACAAGAGATATGGCCCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160
PB2 245467 Method A	2101	GACAAGAGATATGGCCCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160
PB2 245467 Method S	2101	GACAAGAGATATGGACCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160
PB2 245467 Method E	2101	GACAAGAGATATGGCCCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160
PB2 245467 Method K	2101	GACAAGAGATATGGCCCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160
PB2 245467 Method N	2101	GACAAGAGATATGGCCCAGCATTGAGCATCAATGAGCTGAGCAATCTTGCAAAGGGAGAG	2160

PB2 245467 MiSeq	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTAATGAAACGGAAACGGGAC	2220
PB2 245467 Method A	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTAATGAAACGGAAACGGGAC	2220
PB2 245467 Method S	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTAATGAAACGGAAACGGGAC	2220
PB2 245467 Method E	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTAATGAAACGGAAACGGGAC	2220
PB2 245467 Method K	2161	AAGGCTAATGTGCTAATTGGGCAAGGAGACGTGGTGTTGGTAATGAAACGGAAACGGGAC	2220
PB2 245467 Method N	2161	AAGGCTAATG-----TGGGCAAGGAGACGTGGTGTTGGTAA-----	2196

PB2 245467 MiSeq	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGGATTCGGATGGCCATCAATTAG	2280
PB2 245467 Method A	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGGATTCGGATGGCCATCAATTAG	2280
PB2 245467 Method S	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGGATTCGGATGGCCATCAATTAG	2280
PB2 245467 Method E	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGGATTCGGATGGCCATCAATTAG	2280
PB2 245467 Method K	2221	TCTAGCATACTTACTGACAGCCAGACAGCGACCAAAAGGATTCGGATGGCCATCAATTAG	2280
PB2 245467 Method N	2197		2196