

Formatted Alignments

PB1 246038 MiSeq	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 Method A	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 Method S	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 Method E	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 Method K	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 Method N	1	ATGGATGTCAATCCGACTTTACTTTTCTTAAAAGTGCCAGCGCAAAATGCCATAAGTACC	60
PB1 246038 MiSeq	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 Method A	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 Method S	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 Method E	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 Method K	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 Method N	61	ACATTCCCTTATACTGGAGATCCTCCATACAGCCATGGAACAGGGACAGGATACACAATG	120
PB1 246038 MiSeq	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 Method A	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 Method S	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 Method E	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 Method K	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 Method N	121	GACACAGTCAACAGAACACATCAATACTCAGAGAAGGGAAAATGGACAACAAACACAGAA	180
PB1 246038 MiSeq	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240
PB1 246038 Method A	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240
PB1 246038 Method S	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240
PB1 246038 Method E	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240
PB1 246038 Method K	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240
PB1 246038 Method N	181	ACCGGAGCACCTCAACTCAACCCAATTGATGGACCACTACCTGGGGACAACGAACCGAGC	240

PB1 246038 MiSeq	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 246038 Method A	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 246038 Method S	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 246038 Method E	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 246038 Method K	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300
PB1 246038 Method N	241	GGATATGCACAAACAGATTGCGTGTTGGAAGCAATGGCTTTCCTTGAAGAGTCCCACCCA	300

PB1 246038 MiSeq	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 246038 Method A	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 246038 Method S	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 246038 Method E	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 246038 Method K	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360
PB1 246038 Method N	301	GGGATCTTTGGAAACTCTTGTCTTGAAACGATGGAAGTCGTTTCAGCAAACAAGAGTGGAC	360

PB1 246038 MiSeq	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 246038 Method A	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 246038 Method S	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 246038 Method E	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 246038 Method K	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420
PB1 246038 Method N	361	AAACTAACTCAAGGTCGCCAGACTTATGACTGGGACACTGAATAGAAACCAACCAGCTGCA	420

PB1 246038 MiSeq	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 246038 Method A	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 246038 Method S	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 246038 Method E	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 246038 Method K	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480
PB1 246038 Method N	421	ACTGCCCTGGCCAACACTATAGAGGTCTTCAGATCAAACGGTCTAACAGCCAATGAATCG	480

PB1 246038 MiSeq	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 246038 Method A	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 246038 Method S	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 246038 Method E	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 246038 Method K	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540
PB1 246038 Method N	481	GGGAGACTAATAGATTTTCCTCAAGGACGTGATGGACTCAATGGATACAGAAGAAATGGAA	540

PB1 246038 MiSeq	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 246038 Method A	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 246038 Method S	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 246038 Method E	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 246038 Method K	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600
PB1 246038 Method N	541	ATAACAACACATTTCCAGAGAAAGAGAAGAGTAAGGGACAACATGACCAAGAAAATGGTC	600

PB1 246038 MiSeq	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 246038 Method A	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 246038 Method S	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 246038 Method E	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 246038 Method K	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660
PB1 246038 Method N	601	ACACAAAGAACAATAGGAAAGAAGAAACAAAGGCTAAACAAGAGGAGCTACTTAATAAGA	660

PB1 246038 MiSeq	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 246038 Method A	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 246038 Method S	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 246038 Method E	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 246038 Method K	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720
PB1 246038 Method N	661	GCACTGACACTGAATACAATGACAAAAGATGCAGAAAGAGGCAAATTGAAGAGACGGGCG	720

PB1 246038 MiSeq	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 246038 Method A	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 246038 Method S	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 246038 Method E	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 246038 Method K	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780
PB1 246038 Method N	721	ATTGCAACACCAGGGATGCAGATTAGAGGATTTGTGTACTTTGTCTGAAACACTGGCAAGG	780

PB1 246038 MiSeq	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 246038 Method A	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 246038 Method S	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 246038 Method E	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 246038 Method K	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840
PB1 246038 Method N	781	AGCATCTGTGAAAAAAGCTTGAGCAATCTGGACTCCCCGTTGGAGGAAATGAGAAGAAGGCT	840

PB1 246038 MiSeq	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 Method A	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 Method S	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 Method E	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 Method K	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 Method N	841	AAATTGGCAAATGTCGTGAGGAAAAATGATGACTAACTCACAAAGATACAGAGCTCTCCTTC	900
PB1 246038 MiSeq	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 Method A	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 Method S	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 Method E	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 Method K	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 Method N	901	ACAATTACTGGAGATAACACAAAAATGGAATGAGAATCAAAATCCTCGGATGTTTCTGGCA	960
PB1 246038 MiSeq	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 Method A	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 Method S	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 Method E	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 Method K	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 Method N	961	ATGATAACGTACATTACAAGAAACCAACCTGAATGGTTTAGAAATGTCTTGAGTATTGCC	1020
PB1 246038 MiSeq	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 Method A	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 Method S	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 Method E	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 Method K	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 Method N	1021	CCTATAATGTTCTCGAACAAAAATGGCGAGATTGGGAAAAGGGTACATGTTTGAAAGTAAG	1080
PB1 246038 MiSeq	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140
PB1 246038 Method A	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140
PB1 246038 Method S	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140
PB1 246038 Method E	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140
PB1 246038 Method K	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140
PB1 246038 Method N	1081	AGCATGAAGTTACGGACACAAATACCTGCAGAAATACTTGCAAAACATTGACTTAAAATAC	1140

PB1 246038 MiSeq	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
PB1 246038 Method A	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
PB1 246038 Method S	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
PB1 246038 Method E	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
PB1 246038 Method K	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200
PB1 246038 Method N	1141	TTCAATGAATCAACAAGAAAGAAAATCGAAAAAATAAGGCCTCTACTAATAGATGGCACT	1200

PB1 246038 MiSeq	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260
PB1 246038 Method A	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260
PB1 246038 Method S	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260
PB1 246038 Method E	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260
PB1 246038 Method K	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260
PB1 246038 Method N	1201	GCCTCATTGAGTCCTGGAATGATGATGGGCATGTTCAACATGCTGAGTACAGTATTAGGA	1260

PB1 246038 MiSeq	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320
PB1 246038 Method A	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320
PB1 246038 Method S	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320
PB1 246038 Method E	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320
PB1 246038 Method K	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320
PB1 246038 Method N	1261	GTTTCAATCCTAAATCTTGGGCAAAAGAGGTACACCAAACCACATACTGGTGGGATGGA	1320

PB1 246038 MiSeq	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
PB1 246038 Method A	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
PB1 246038 Method S	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
PB1 246038 Method E	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
PB1 246038 Method K	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380
PB1 246038 Method N	1321	CTCCAATCCTCTGATGATTTTCGCCCTCATAGTAAATGCACCTAATCATGAGGGAATACAA	1380

PB1 246038 MiSeq	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
PB1 246038 Method A	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
PB1 246038 Method S	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
PB1 246038 Method E	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
PB1 246038 Method K	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440
PB1 246038 Method N	1381	GCAGGAGTGGATAGGTTCTATAGGACCTGCAAACCTGGTCGGGATCAATATGAGCAAAAAG	1440

PB1 246038 MiSeq	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500
PB1 246038 Method A	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500
PB1 246038 Method S	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500
PB1 246038 Method E	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500
PB1 246038 Method K	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500
PB1 246038 Method N	1441	AAGTCTTACATAAAACCGGACTGGAACATTTGAGTTTACAAGCTTTTTCTATCGCTATGGA	1500

PB1 246038 MiSeq	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 246038 Method A	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 246038 Method S	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 246038 Method E	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 246038 Method K	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560
PB1 246038 Method N	1501	TTTGTGGCTAACTTCAGTATGGAGCTGCCCAGCTTTGGAGTTTCTGGGATCAATGAATCA	1560

PB1 246038 MiSeq	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620
PB1 246038 Method A	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620
PB1 246038 Method S	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620
PB1 246038 Method E	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620
PB1 246038 Method K	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620
PB1 246038 Method N	1561	GCTGACATGAGCATTGGCGTCACAGTGATAAAGAACAACATGATAAACAATGACCTTGGT	1620

PB1 246038 MiSeq	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 246038 Method A	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 246038 Method S	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 246038 Method E	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 246038 Method K	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680
PB1 246038 Method N	1621	CCAGCAACAGCTCAAATGGCCCTTCAACTATTTCATCAAAGATTACAGGTACACGTACCGA	1680

PB1 246038 MiSeq	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 246038 Method A	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 246038 Method S	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 246038 Method E	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 246038 Method K	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740
PB1 246038 Method N	1681	TGCCACAGAGGTGACACACAAATTCAAACGAGGAGATCATTTCGAGCTGAAGAAGCTGTGG	1740

PB1 246038 MiSeq	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800
PB1 246038 Method A	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800
PB1 246038 Method S	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800
PB1 246038 Method E	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800
PB1 246038 Method K	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800
PB1 246038 Method N	1741	GAACAGACCCGTTCAAAGGCAGGACTGTTGGTGTGTCAGATGGAGGACCAAATCTATACAAC	1800

PB1 246038 MiSeq	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
PB1 246038 Method A	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
PB1 246038 Method S	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
PB1 246038 Method E	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
PB1 246038 Method K	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860
PB1 246038 Method N	1801	ATTTCGGAATCTCCATATCCCAGAGGTCTGCTTGAAGTGGGAGCTGATGGACGAAGATTAC	1860

PB1 246038 MiSeq	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
PB1 246038 Method A	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
PB1 246038 Method S	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
PB1 246038 Method E	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
PB1 246038 Method K	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920
PB1 246038 Method N	1861	CAGGGCAGGTTGTGTAATCCTCTGAACCCATTTGTCAGTCATAAAGAAATTGAGTCCGTA	1920

PB1 246038 MiSeq	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
PB1 246038 Method A	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
PB1 246038 Method S	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
PB1 246038 Method E	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
PB1 246038 Method K	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980
PB1 246038 Method N	1921	AACAATGCTGTGGTGATGCCAGCACACGGTCCAGCCAAAAGCATGGAATATGATGCCATT	1980

PB1 246038 MiSeq	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
PB1 246038 Method A	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
PB1 246038 Method S	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
PB1 246038 Method E	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
PB1 246038 Method K	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040
PB1 246038 Method N	1981	GCGACTACACACTCATGGATTCCCTAAAAGGAATCGTTCCATTCTCAATACCAGTCAAAGG	2040

PB1 246038 MiSeq	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
PB1 246038 Method A	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
PB1 246038 Method S	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
PB1 246038 Method E	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
PB1 246038 Method K	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100
PB1 246038 Method N	2041	GGAATTCTTGAGGATGAACAGATGTACCAGAAATGCTGCAGTCTATTTCGAAAAATTTTTT	2100

PB1 246038 MiSeq	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
PB1 246038 Method A	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
PB1 246038 Method S	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
PB1 246038 Method E	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
PB1 246038 Method K	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160
PB1 246038 Method N	2101	CCCAGTAGTTCATACAGGAGACCAGTTGGAATTTCCAGCATGGTGGAGGCCATGGTGTCT	2160

PB1 246038 MiSeq	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
PB1 246038 Method A	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
PB1 246038 Method S	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
PB1 246038 Method E	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
PB1 246038 Method K	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220
PB1 246038 Method N	2161	AGGGCCCGAATCGATGCACGCATTGATTTTCAATCTGGAAGGATCAAGAAGGGAGAGTTT	2220

PB1 246038 MiSeq	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
PB1 246038 Method A	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
PB1 246038 Method S	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
PB1 246038 Method E	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
PB1 246038 Method K	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274
PB1 246038 Method N	2221	TCTGAGATCATGAAGATCTGTTCCACCATTGAAGAGCTCAGACGGCAAAAATAG	2274