

Formatted Alignments

NP 246038 MiSeq	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 246038 Method A	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 246038 Method S	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 246038 Method E	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 246038 Method K	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60
NP 246038 Method N	1	ATGGCGTCTCAAGGCACCAAACGATCCTATGAACAAATGGAAACTGGTGGGGAACGCCAG	60

NP 246038 MiSeq	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 246038 Method A	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 246038 Method S	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 246038 Method E	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 246038 Method K	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120
NP 246038 Method N	61	AATGCCACTGAAATCAGAGCATCTGTTGGAAGAATGGTTGGCGGAATCGGGAGATTCTAC	120

NP 246038 MiSeq	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 246038 Method A	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 246038 Method S	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 246038 Method E	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 246038 Method K	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180
NP 246038 Method N	121	ATACAGATGTGCACTGAGCTCAAACCTCAGTGATTACGAAGGGAGGCTGATCCAAAACAGC	180

NP 246038 MiSeq	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240
NP 246038 Method A	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240
NP 246038 Method S	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240
NP 246038 Method E	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240
NP 246038 Method K	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240
NP 246038 Method N	181	ATAACCATAGAAAGGATGGTTCTCTCGGCATTTGATGAGAGGAGGAACAAGTATCTGGAG	240

NP 246038 MiSeq	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 246038 Method A	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 246038 Method S	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 246038 Method E	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 246038 Method K	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300
NP 246038 Method N	241	GAACATCCCAGTGCTGGGAAGGATCCCAAGAAGACTGGAGGTCCAATCTACAGGAGGAGA	300

NP 246038 MiSeq	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360
NP 246038 Method A	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360
NP 246038 Method S	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360
NP 246038 Method E	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360
NP 246038 Method K	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360
NP 246038 Method N	301	GATGGCAAATGGATGAGAGAGTTGATCCTTTACGACAAAGAAGAAATCAGAAGAATTTGG	360

NP 246038 MiSeq	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420
NP 246038 Method A	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420
NP 246038 Method S	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420
NP 246038 Method E	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420
NP 246038 Method K	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420
NP 246038 Method N	361	CGTCAAGCTAATAATGGAGAGGATGCCACTGCTGGTCTCACTCATTTGATGATTTGGCAT	420

NP 246038 MiSeq	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 246038 Method A	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 246038 Method S	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 246038 Method E	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 246038 Method K	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480
NP 246038 Method N	421	TCCAATCTGAATGATGCCACATACCAGAGAACAAGGGCACTTGTGCGTACTGGAATGGAC	480

NP 246038 MiSeq	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540
NP 246038 Method A	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540
NP 246038 Method S	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540
NP 246038 Method E	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540
NP 246038 Method K	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540
NP 246038 Method N	481	CCTAGGATGTGCTCTCTGATGCAAGGATCAACCCTCCCTAGGAGATCCGGGGGCTGCTGGA	540

NP 246038 MiSeq	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600
NP 246038 Method A	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600
NP 246038 Method S	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600
NP 246038 Method E	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600
NP 246038 Method K	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600
NP 246038 Method N	541	GCAGCAGTGAAAGGAGTTGGAACAATGGTGATGGAATTGATTTCGGATGATCAAACGAGGG	600

NP 246038 MiSeq	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660
NP 246038 Method A	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660
NP 246038 Method S	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660
NP 246038 Method E	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660
NP 246038 Method K	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660
NP 246038 Method N	601	ATCAATGATCGGAATTTCTGGAGAGGCGAAAATGGACGGAGAACCAGGATTGCCTACGAG	660

NP 246038 MiSeq	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720
NP 246038 Method A	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720
NP 246038 Method S	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720
NP 246038 Method E	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720
NP 246038 Method K	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720
NP 246038 Method N	661	AGAATGTGCAACATCCTCAAGGGAAAGTTCCAAACAGCAGCACAAACGAGCAATGATGGAT	720

NP 246038 MiSeq	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780
NP 246038 Method A	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780
NP 246038 Method S	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780
NP 246038 Method E	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780
NP 246038 Method K	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780
NP 246038 Method N	721	CAAGTGAGGGGAAAGCCGGAATCCTGGAAATGCTGAGATTGAAGATCTCATCTTTCTCGCA	780

NP 246038 MiSeq	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840
NP 246038 Method A	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840
NP 246038 Method S	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840
NP 246038 Method E	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840
NP 246038 Method K	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840
NP 246038 Method N	781	CGATCTGCTCTCATCCTGAGGGGATCAGTGGCTCATAAGTCCTGTCTGCCTGCTTGCGTG	840

NP 246038 MiSeq	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900
NP 246038 Method A	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900
NP 246038 Method S	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900
NP 246038 Method E	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900
NP 246038 Method K	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900
NP 246038 Method N	841	TATGGACTTGCTGTAGCCAGTGGATATGACTTTGAAAGAGAAGGATACTCTCTAGTCGGA	900

NP 246038 MiSeq	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 246038 Method A	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 246038 Method S	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 246038 Method E	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 246038 Method K	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960
NP 246038 Method N	901	ATTGATCCTTTCCGTCTGCTCCAGAACAGTCAAGTCTTCAGTCTCATCAGACCGAACGAA	960

NP 246038 MiSeq	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020
NP 246038 Method A	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020
NP 246038 Method S	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020
NP 246038 Method E	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020
NP 246038 Method K	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020
NP 246038 Method N	961	AATCCAGCTCATAAAAGTCAGCTGATATGGATGGCATGTCACTCTGCGGCATTTGAGGAT	1020

NP 246038 MiSeq	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 246038 Method A	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 246038 Method S	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 246038 Method E	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 246038 Method K	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080
NP 246038 Method N	1021	CTGAGAGTGTCAAGCTTCATCAGAGGGACAAGAGTAGTCCCAAGAGGACAACCTGTCCACC	1080

NP 246038 MiSeq	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 246038 Method A	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 246038 Method S	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 246038 Method E	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 246038 Method K	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140
NP 246038 Method N	1081	AGAGGAGTCCAGATTGCTTCAAATGAAAACATGGAGACAATGGACTCCAGTACTCTTGAA	1140

NP 246038 MiSeq	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 246038 Method A	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 246038 Method S	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 246038 Method E	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 246038 Method K	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200
NP 246038 Method N	1141	CTGAGGAGCAGATACTGGGCTATAAGAACAAGAAGTGGAGGAAACACTAACCAACAGAGA	1200

NP 246038 MiSeq	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260
NP 246038 Method A	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260
NP 246038 Method S	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260
NP 246038 Method E	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260
NP 246038 Method K	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260
NP 246038 Method N	1201	GCATCTGCAGGACAAATCAGCGTACAGCCCACATTCTCTGTGCAGAGAAACCTCCCATTCT	1260

NP 246038 MiSeq	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 246038 Method A	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 246038 Method S	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 246038 Method E	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 246038 Method K	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320
NP 246038 Method N	1261	GAGAGAGCAACCATCATGGCAGCATTTACGGGAAACACTGAAGGCAGAACTTCAGACATG	1320

NP 246038 MiSeq	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 246038 Method A	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 246038 Method S	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 246038 Method E	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 246038 Method K	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380
NP 246038 Method N	1321	AGAAGCTGAGATCATAAGGATGATGGAAAATGCCAGACCTGAAGATGTGTCTTTCCAGGGG	1380

NP 246038 MiSeq	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 246038 Method A	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 246038 Method S	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 246038 Method E	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 246038 Method K	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440
NP 246038 Method N	1381	CGGGGAGTCTTCGAGCTCTCGGACGAAAAGGCAACGAACCCGATCGTGCCTTCCTTTGAC	1440

NP 246038 MiSeq	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 246038 Method A	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 246038 Method S	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 246038 Method E	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 246038 Method K	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497
NP 246038 Method N	1441	ATGAGCAATGAAGGATCTTATTTCTTCGGAGACAATGCAGAGGAGTATGACAATTAA	1497