

Formatted Alignments

MA 246038 MiSeq	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
MA 246038 Method A	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
MA 246038 Method S	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
MA 246038 Method E	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
MA 246038 Method K	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
MA 246038 Method N	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60

MA 246038 MiSeq	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
MA 246038 Method A	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
MA 246038 Method S	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
MA 246038 Method E	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
MA 246038 Method K	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
MA 246038 Method N	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120

MA 246038 MiSeq	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
MA 246038 Method A	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
MA 246038 Method S	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
MA 246038 Method E	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
MA 246038 Method K	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
MA 246038 Method N	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180

MA 246038 MiSeq	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
MA 246038 Method A	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
MA 246038 Method S	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
MA 246038 Method E	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
MA 246038 Method K	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
MA 246038 Method N	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240

MA 246038 MiSeq	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
MA 246038 Method A	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
MA 246038 Method S	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
MA 246038 Method E	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
MA 246038 Method K	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
MA 246038 Method N	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300

MA 246038 MiSeq	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
MA 246038 Method A	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
MA 246038 Method S	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
MA 246038 Method E	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
MA 246038 Method K	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
MA 246038 Method N	301	AGGAAATTAAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360

MA 246038 MiSeq	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
MA 246038 Method A	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
MA 246038 Method S	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
MA 246038 Method E	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
MA 246038 Method K	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
MA 246038 Method N	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420

MA 246038 MiSeq	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
MA 246038 Method A	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
MA 246038 Method S	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
MA 246038 Method E	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
MA 246038 Method K	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
MA 246038 Method N	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480

MA 246038 MiSeq	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
MA 246038 Method A	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
MA 246038 Method S	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
MA 246038 Method E	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
MA 246038 Method K	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
MA 246038 Method N	481	TCTCACAGACAGATAGCCACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540

MA 246038 MiSeq	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
MA 246038 Method A	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
MA 246038 Method S	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
MA 246038 Method E	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
MA 246038 Method K	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
MA 246038 Method N	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600

MA 246038 MiSeq	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
MA 246038 Method A	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
MA 246038 Method S	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
MA 246038 Method E	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
MA 246038 Method K	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
MA 246038 Method N	601	GAAGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660

MA 246038 MiSeq	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
MA 246038 Method A	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
MA 246038 Method S	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
MA 246038 Method E	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
MA 246038 Method K	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
MA 246038 Method N	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720

MA 246038 MiSeq	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
MA 246038 Method A	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
MA 246038 Method S	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
MA 246038 Method E	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
MA 246038 Method K	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
MA 246038 Method N	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780

MA 246038 MiSeq	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
MA 246038 Method A	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
MA 246038 Method S	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
MA 246038 Method E	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
MA 246038 Method K	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
MA 246038 Method N	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840

MA 246038 MiSeq	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
MA 246038 Method A	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
MA 246038 Method S	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
MA 246038 Method E	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
MA 246038 Method K	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
MA 246038 Method N	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900

MA 246038 MiSeq	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
MA 246038 Method A	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
MA 246038 Method S	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
MA 246038 Method E	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
MA 246038 Method K	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
MA 246038 Method N	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960

MA 246038 MiSeq	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
MA 246038 Method A	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
MA 246038 Method S	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
MA 246038 Method E	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
MA 246038 Method K	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
MA 246038 Method N	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>