

## Formatted Alignments

<b>MA 245467 MiSeq</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
<b>MA 245467 Method A</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
<b>MA 245467 Method S</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
<b>MA 245467 Method E</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
<b>MA 245467 Method K</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60
<b>MA 245467 Method N</b>	1	ATGAGTCTTCTAACCGAGGTCGAAACGTACGTTCTCTCTATCGTCCCGTCGGGGCCCCCTC	60

<b>MA 245467 MiSeq</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
<b>MA 245467 Method A</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
<b>MA 245467 Method S</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
<b>MA 245467 Method E</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
<b>MA 245467 Method K</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120
<b>MA 245467 Method N</b>	61	AAAGCCGAGATCGCGCAGAGACTTGAAGATGTCTTTGCAGGGAAGAACACCGATCTTGAG	120

<b>MA 245467 MiSeq</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
<b>MA 245467 Method A</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
<b>MA 245467 Method S</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
<b>MA 245467 Method E</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
<b>MA 245467 Method K</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180
<b>MA 245467 Method N</b>	121	GCTCTCATGGAATGGCTAAAGACAAGACCAATCCTGTACCTCTGACTAAGGGGATTTTG	180

<b>MA 245467 MiSeq</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
<b>MA 245467 Method A</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
<b>MA 245467 Method S</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
<b>MA 245467 Method E</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
<b>MA 245467 Method K</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240
<b>MA 245467 Method N</b>	181	GGATTTGTGTTACAGCTCACCGTGCCCAGTGAGCGAGGACTGCAGCGTAGACGCTTTGTC	240

<b>MA 245467 MiSeq</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
<b>MA 245467 Method A</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
<b>MA 245467 Method S</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAAAC	300
<b>MA 245467 Method E</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
<b>MA 245467 Method K</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300
<b>MA 245467 Method N</b>	241	CAAAATGCTCTAAATGGAAATGGAGACCCAAACAACATGGACAGGGCAGTCAAGTTGTAC	300

<b>MA 245467 MiSeq</b>	301	AGGAAATTGAAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
<b>MA 245467 Method A</b>	301	AGGAAATTGAAGAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
<b>MA 245467 Method S</b>	301	AGGAAATTGAAGAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
<b>MA 245467 Method E</b>	301	AGGAAATTGAAGAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
<b>MA 245467 Method K</b>	301	AGGAAATTGAAGAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360
<b>MA 245467 Method N</b>	301	AGGAAATTGAAGAGAGAGAGATAACATTCCATGGGGCTAAAGAAGTTGCACTCAGTTACTCA	360

<b>MA 245467 MiSeq</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
<b>MA 245467 Method A</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
<b>MA 245467 Method S</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
<b>MA 245467 Method E</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
<b>MA 245467 Method K</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420
<b>MA 245467 Method N</b>	361	ACCGGTGCACTTGCCAGTTGTATGGGTCTCATATACAACAGGATGGGGACGGTGACCGCA	420

<b>MA 245467 MiSeq</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
<b>MA 245467 Method A</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
<b>MA 245467 Method S</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
<b>MA 245467 Method E</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
<b>MA 245467 Method K</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480
<b>MA 245467 Method N</b>	421	GAAGTGGCATTGGGCCTAGTGTGTGCCACCTGTGAGCAGATTGCTGATTCACAGCATCGG	480

<b>MA 245467 MiSeq</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTGATCAGACATGAAAACAGAATGGTG	540
<b>MA 245467 Method A</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTGATCAGACATGAAAACAGAATGGTG	540
<b>MA 245467 Method S</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTAATCAGACATGAAAACAGAATGGTG	540
<b>MA 245467 Method E</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTGATCAGACATGAAAACAGAATGGTG	540
<b>MA 245467 Method K</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTGATCAGACATGAAAACAGAATGGTG	540
<b>MA 245467 Method N</b>	481	TCTCACAGACAGATAGCTACCACCACCAACCCACTGATCAGACATGAAAACAGAATGGTG	540

<b>MA 245467 MiSeq</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
<b>MA 245467 Method A</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
<b>MA 245467 Method S</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
<b>MA 245467 Method E</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
<b>MA 245467 Method K</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600
<b>MA 245467 Method N</b>	541	TTGGCCAGTACTACAGCTAAGGCTATGGAGCAGATGGCTGGATCGAGTGAGCAAGCAGTG	600

<b>MA 245467 MiSeq</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
<b>MA 245467 Method A</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
<b>MA 245467 Method S</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
<b>MA 245467 Method E</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
<b>MA 245467 Method K</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660
<b>MA 245467 Method N</b>	601	GAGGCCATGGAGGTTGCTAGTCAGGCTAGGCAGATGGTGCAGGCGATGAGGACCATTGGA	660

<b>MA 245467 MiSeq</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
<b>MA 245467 Method A</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
<b>MA 245467 Method S</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
<b>MA 245467 Method E</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
<b>MA 245467 Method K</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720
<b>MA 245467 Method N</b>	661	ACTCATCCTAGCTCCAGTGCCGGTCTGAGAGATGATCTCCTTGAAAATTTGCAGGCCTAC	720

<b>MA 245467 MiSeq</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
<b>MA 245467 Method A</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
<b>MA 245467 Method S</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
<b>MA 245467 Method E</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
<b>MA 245467 Method K</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780
<b>MA 245467 Method N</b>	721	CAAAAACGGATGGGAGTGCAACTGCAGCGATTCAAGTGATCCTCTCGTTATTGCCGCAAG	780

<b>MA 245467 MiSeq</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
<b>MA 245467 Method A</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
<b>MA 245467 Method S</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
<b>MA 245467 Method E</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
<b>MA 245467 Method K</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840
<b>MA 245467 Method N</b>	781	TATCATTGGGATCTTGCACTTGATATTGTGGATTCTTGATCGCCTTTTCTTCAAATGCGT	840

<b>MA 245467 MiSeq</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
<b>MA 245467 Method A</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
<b>MA 245467 Method S</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
<b>MA 245467 Method E</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
<b>MA 245467 Method K</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900
<b>MA 245467 Method N</b>	841	TTATCGTCGCCTTAAATACGGTTTGAAAGGAGGGCCTTCTACGGAAGGAGTACCTGAGTC	900

<b>MA 245467 MiSeq</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
<b>MA 245467 Method A</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
<b>MA 245467 Method S</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
<b>MA 245467 Method E</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
<b>MA 245467 Method K</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960
<b>MA 245467 Method N</b>	901	CATGAGGGAAGAGTACCGGCAGGAACAGCAGAGTGCTGTGGATGTTGACGATGGTCATTT	960

<b>MA 245467 MiSeq</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
<b>MA 245467 Method A</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
<b>MA 245467 Method S</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
<b>MA 245467 Method E</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
<b>MA 245467 Method K</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>
<b>MA 245467 Method N</b>	<i>961</i>	TGTCAACATAGAGCTGGAGTAA	<i>982</i>