

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
1      10      20      30      40      50      60
CAGCGAGAGATTATGGCGCGAACGAAGCCAATGAAAGTTTTCGAAAGCTGAAGGGTAAGAGT
.....CCGTCAAAGCTGA.....
.....NCTCTGAAGGCCGTGAGGGCCGTGAAAGCCGTCGAAAGCCGTG.....
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
70      80      90      100     110     120
TCTGGAGAGGCACGCGCCAAAGAGGTCGCAATGCTCACCGCCAGCAGTGTCTCCGTTGCA
.....TGCCGAAGGGGAGTTGTCAAAGGGA.....
.....AAGGCGTCTTCGAAAGCCCAAGCCACGC.....
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
130     140     150     160     170     180
AGACTGGCTAAGGTGGCCTTGCAGGACAGCCAATGCCGCGAGAGCCATGAAAGCTCAGCCA
.....
.....
```

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MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
190     200     210     220     230     240
ATGAAGAGGACGAGGGTTTCAACTTCGACAAAGACGAAGAAGTCGACGAAGAGAAAGGCC
.....
.....
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
250     260     270     280     290     300
ATGAAGACGGCCATGAAGAAGGTCATGAAATCCTTGGCAGCCCGGAAGCCTCGAGGTTG
.....AGTCCGAGCC
.....CGAGGCTCTC
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
310     320     330     340     350     360
AAGATTGCCAGAGGCATGCGCAAGGTTCTTGTGTTCAGGGGAAAAAAGGTGAAGACG
AAGGTCGCCGAGGGGCGTGGTGGCAAGGCGCTGCTCCCTCAATGGTCGCAGGGAGAGAACG
AAGTGGCAAGGAGGTCATACGCAAGGTTCTGCTGCTGAGAGGTCGCAGGAACGCACA
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
370     380     390     400     410     420
TCGGGTGGTATGACGGCGACATGCTCATGATAAACAAAGCCTGGCCGGGTGGTGTCCAAAG
GCGGGAGGTCTGAAGGCGGACATGTTGATGAGGAACCGCACTGGGAAAAAGTGGTCTCCAAAG
GCAGGGGGGCTGAAGGCTGACAATCTCTCAAGAACAAACGTGGCAAGGTGGTCTCAAAA
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
430     440     450     460     470     480
AAAAAGCAATGCTTGGCGTACACTTCTCTGTGCGATCAGCACTGGGTGATGCGTGC
CGGGCCAGTGCAGCTGGCGGACGCAATTCGCCAAAATTGAGCCATGGGTGCGAGGCTGTG
AAAGCGAGTGCAGCAGCCAGCGACAGTACAGAAACATTGAGGCGTGGGTGGAGGCGCAC
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
490     500     510     520     530     540
TGTGAAGCGCGGAAGCACTCAACATCGTGGGTTCTGTCATCAACGGCAAGACGCTG
ATGACTGCCCGCGAGTGTCTCGGGTGACGGTTCTGTTGCAATCAACGGGCGCACCTTG
ATGAGTGCAGCGAGCGCCCTCAGGCTGACGGGTTCTGCTCTCAACGGACGGACCTTC
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
550     560     570     580     590
GCGGGAGAAAGCTTGTACGTGAAGAGTAGAGGCACTCTACGCAGCAGACGTGCC.....
CAGGGCAAGGCACGTGTACCTCAAGTTCGAGGCCATCTACGGATCGGCGCTCAAGGGGACT
ACAAGAAAGGCGCTGTACGTGAAGACTCGGGCGCTCTACGCCCGGAGTGCAGAGGGCAGG
```

MMETSP0253-20130528|34991\_1  
MMETSP0253-20130528|12949\_1  
MMETSP0253-20130528|9206\_1

```
.....
GAGGCTGATCCAGTGTATCTTTCAGCGGCGGCCAGCGCGGGTGGTGACACCATGTCGAGC
TGA.....
```

MMETSP0253-20130528|34991\_1 .....CAGTCCGTGATGGA  
MMETSP0253-20130528|12949\_1 TTGGCGAAGCGGGGCTGTTCTGATGGAGGCCTCATCTTGAAATTGGCGCGTGGTTGTTCGA  
MMETSP0253-20130528|9206\_1 .....

MMETSP0253-20130528|34991\_1 AGCCTTGC....AACTGGATTGA....  
MMETSP0253-20130528|12949\_1 GGGTGGTCGAGCGGCCACATTTGCCNN  
MMETSP0253-20130528|9206\_1 .....