

MMETSP0253-20130528|95212\_1 .....  
GELK01026138.1 ACCGTAGCCATTTTGGCTCAAGGGAACGTATAC TGCCCCACACTCTTTCTGTCCGTTAC

1 10 20 30 40  
MMETSP0253-20130528|95212\_1 ..... ATGGCCGAAGAGGAAGTGGCCGCGCTCGTCGTCGACAAACGGCAGTGGCA  
GELK01026138.1 TTCTTGCAAAC ATGGCCGAAGAGGAAGTGGCCGCGCTCGTCGTCGACAAACGGCAGTGGCA

50 60 70 80 90 100  
MMETSP0253-20130528|95212\_1 TGTGCAAGGCTGGTTTTTGTGGTGACGATGCGCCTCGCGCTGTGTTCCCTTCGATTGTGG  
GELK01026138.1 TGTGCAAGGCTGGTTTTTGTGGTGACGATGCGCCTCGCGCTGTGTTCCCTTCGATTGTGG

110 120 130 140 150 160  
MMETSP0253-20130528|95212\_1 GCAGGCCCAAGATGCCAGGCATCATGGTCGGTATGGACCAGAAGGACAGTTATGTCGGTG  
GELK01026138.1 GCAGGCCCAAGATGCCAGGCATCATGGTCGGTATGGACCAGAAGGACAGTTATGTCGGTG

170 180 190 200 210 220  
MMETSP0253-20130528|95212\_1 ACGAGGCGCAGAGCAAGCGCGCGTTTTTGACGTTGAAGTATCCCATTGAGCACGGTATCG  
GELK01026138.1 ACGAGGCGCAGAGCAAGCGCGCGTTTTTGACGTTGAAGTATCCCATTGAGCACGGTATCG

230 240 250 260 270 280  
MMETSP0253-20130528|95212\_1 TCACGAATTGGGACGACATGGAGAAAATCTGGCATCACACATTTCTACAATGAACCTCAGGG  
GELK01026138.1 TCACGAATTGGGACGACATGGAGAAAATCTGGCATCACACATTTCTACAATGAACCTCAGGG

290 300 310 320 330 340  
MMETSP0253-20130528|95212\_1 TTGCGCCTGAAGAGCATCCCGTATTGCTCACGGAAGCTCCTCTCAACCCCAAGGCCAACCC  
GELK01026138.1 TTGCGCCTGAAGAGCATCCCGTATTGCTCACGGAAGCTCCTCTCAACCCCAAGGCCAACCC

350 360 370 380 390 400  
MMETSP0253-20130528|95212\_1 GTGAGCGCATGACGCAGATCATGTTTGAGACGTTCAACGTGCCCGCCATGTACGTGGCGA  
GELK01026138.1 GTGAGCGCATGACGCAGATCATGTTTGAGACGTTCAACGTGCCCGCCATGTACGTGGCGA

410 420 430 440 450 460  
MMETSP0253-20130528|95212\_1 TCCAGGCTGTCTTGTCCCTGTACGCTTCGGGACGCACGACGGGCATCGTGATGGATTCTG  
GELK01026138.1 TCCAGGCTGTCTTGTCCCTGTACGCTTCGGGACGCACGACGGGCATCGTGATGGATTCTG

470 480 490 500 510 520  
MMETSP0253-20130528|95212\_1 GTGACGGTGTGTGCGCACACAGTGCCCATCTACGAAGGTTACGCTCTGCCCTCAGGCCATCC  
GELK01026138.1 GTGACGGTGTGTGCGCACACAGTGCCCATCTACGAAGGTTACGCTCTGCCCTCAGGCCATCC

530 540 550 560 570 580  
MMETSP0253-20130528|95212\_1 TTCGTTTGGATTTGGCTGGCCGTGATCTTTACAGAGTATCTGATGAAGATCCTCACTGAGC  
GELK01026138.1 TTCGTTTGGATTTGGCTGGCCGTGATCTTTACAGAGTATCTGATGAAGATCCTCACTGAGC

590 600 610 620 630 640  
MMETSP0253-20130528|95212\_1 GAGGATACTCTTTACCAACCACCGCAGAGAGGGAGATTGTTTCGGGATGTCAAAGAGAAAC  
GELK01026138.1 GAGGATACTCTTTACCAACCACCGCAGAGAGGGAGATTGTTTCGGGATGTCAAAGAGAAAC

650 660 670 680 690 700  
MMETSP0253-20130528|95212\_1 TTTGCTACATTGCTTTTAGATTACGACACAGAGCTCAAATCGACTGCGGAAAGTTTACAGACA  
GELK01026138.1 TTTGCTACATTGCTTTTAGATTACGACACAGAGCTCAAATCGACTGCGGAAAGTTTACAGACA

710 720 730 740 750 760  
MMETSP0253-20130528|95212\_1 AGGAGAAGACCTACGAGCTCCAGACGGAAACATCATCACTGTCTGGCGCCGAACGGTTCC  
GELK01026138.1 AGGAGAAGACCTACGAGCTCCAGACGGAAACATCATCACTGTCTGGCGCCGAACGGTTCC

770 780 790 800 810 820  
MMETSP0253-20130528|95212\_1 GTTGCGCGGAAGTGTTGTTCAGCCAAGTTTCATTGGTAAAGAAGCCAGCGGAATCCACG  
GELK01026138.1 GTTGCGCGGAAGTGTTGTTCAGCCAAGTTTCATTGGTAAAGAAGCCAGCGGAATCCACG

830 840 850 860 870 880  
MMETSP0253-20130528|95212\_1 ACACTTCTTTCCAGAGCATCATGAAGTGTGACGTGATATCCGCAAGGATTTGTACGCCA  
GELK01026138.1 ACACTTCTTTCCAGAGCATCATGAAGTGTGACGTGATATCCGCAAGGATTTGTACGCCA

890 900 910 920 930 940  
MMETSP0253-20130528|95212\_1 ATGTCGTGTTGTCAGGTGGCAGCACCATGTTCCAAGGGATTGGTGAGCGCATGACGAAGG  
GELK01026138.1 ATGTCGTGTTGTCAGGTGGCAGCACCATGTTCCAAGGGATTGGTGAGCGCATGACGAAGG

950 960 970 980 990 1000  
MMETSP0253-20130528|95212\_1 AACTGACCGCGTTGGCTCCATCCACGATGAAGATCAAGGTGGTTGCTCCACAGAGAGAA  
GELK01026138.1 AACTGACCGCGTTGGCTCCATCCACGATGAAGATCAAGGTGGTTGCTCCACAGAGAGAA

1010 1020 1030 1040 1050 1060  
MMETSP0253-20130528|95212\_1 AGTACTCGGTATGGATTGGTGAGCGCATGACGAAGGAATGACCGGATTCAGCATTCAGGCTCATCCA  
GELK01026138.1 AGTACTCGGTATGGATTGGTGAGCATTCATCTTGTCTTCCCTCAGCACATTCAGCAGATGT

1070 1080 1090 1100 1110  
MMETSP0253-20130528|95212\_1 CGATGAAATCAAGGTGTGT.....TGTCCACCAAGAGAGAA..GTACTCGGTAT  
GELK01026138.1 CGATCTCAGAGGCGAGTACGACGAATCTGTCCTCCACCAATCTCCACAGAGAGTGTCT

MMETSP0253-20130528|95212\_1 GG.....  
GELK01026138.1 GAGCTCAGCGTTGTGACCGCTCGCATTTTCGGAGCAACAGTGTGTATGGAGATTGATCCG

MMETSP0253-20130528|95212\_1 .....  
GELK01026138.1 GTCTCTAAGGTTACAGGGTTCCGACGTGGCGAGATATTTTACAACAC