1c-sense

CGTAAAGCCCTATTTTAGGTGAACTATAGAATACTCAAGCTATGCATCAAGCTTGGTACCGAGCTCGGATCCACTAGTAA

CGGCCGCCAGTGTGCTGGAATTCGCCCTTCTGCAGGGGAGATGTAGCAACAAGAAAGCAGCATCGACTGAGCATGCTCCT

ACTCAGGCAGAGACAGAAAGGGAGTGGACGTACTGTAGAAGCTGGCCATTACGTAGTTTTGGCAACGATCACCAGTAAAC

TCATTTGGGCACTTGCACAAGTATCTTGACGGGTTTGACAGGTCCTTCACCGTGAAGCACTCGCCCCCATTCACACAGAA

AGTTTTCTCCTTCTCCGCACACTTTATGAGATGGCTGGTCCCAGTCGTGGATGTTGATGTGGAAAGTTTAGGAGCAGTTT

GCAGGTTAGTTTCTGTTGTTTGTGGCTGAGTTCCTGACTTGGGTGTTCTCACCTCAGGGGTCCGAGCTGGAGAAGGGAAG

GGCGGTGCAGTAGAGTGAAAGGGAGGAAAAGCAGACAGCCGGTTCTTCCGGGTCGGTACTGCTGAAGGTTCAGAGGCCAC

AGCAGCATGGTCACCTTGTACTGTAACATGAGCCCCAGCTTCAGACTGAGCCTTAGAGACAGGTGAAGTGTATGCCTCAG

ATGATACCAAAATGGCTGGGGCAGCAGTTGGATCCAGAGAAATCACAGGGTCCTGGCCTAACCCCCCAGGGTCAAGGTGG

GTAGGAGAGTCGTATTCAAATATCTTGTCCACAAATACCCACTTCAGGCCAGCAATGCAGAGGCAGAGGCTGACTAGGCA

AGCCAGAATGGGAACAATGCAGATCTTCTCGGAGTTGAGACACCCTCTCGGCGCTCAGCTTCCAGGCACACACAGCAGGG

CACCGCCAGGCCCAGGAGTCCAGGGCTTCTCTCATCTTCTGTGTGGGTGTCTGGTATATGTTCCTCCGCTGCCGGGAAGC

CCATCAAGAGATGGGGCTGCACTCAGCTGAATGGGAGGGGCTGGAGGACCTCCCGCCAGCTACCTCAGACATGTCTGGGG

AATAAATCTCCATCGCCCACCCTCGGAAGGGCGAATTCTGCAGATTTCCATCACCCTGGCGGCCGCTTCAGCATGCATCT

AGAGGGGA

1d antisense

ATAGAACTCTATAGGGGCGATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTCG

CCCTTCTCGAGGGTGGGGCGATGGAGATTTATTCCCCAGACATGTCTGAGGTAGCTGGCGGGAGGTCCTCCAGCCCCTCC

ACTCAGCTGAGTGCAGCCCCATCTCTTGATGGGCTTCCGGCAGCGGAGGAACATATACCAGACACCCACACAGAAGATGA

GAGAAGCCCTGGACTCCTGGGCCTGGCGGTGCCCTGCTGTGTGTGCCTGGAAGCTGAGCGCCTGAGAGGGTGTCTCAACT

CCGAGAAGATCTGCATTGTTCCCATTCTGGCTTGCCTAGTCAGCCTCTGCCTCTGCATTGCTGGCCTGAAGTGGGTATTT

GTGGACAAGATATTTGAATACGACTCTCCTACCCACCTTGACCCTGGGGGGTTAGGCCAGGACCCTGTGATTTCTCTGGA

TCCAACTGCTGCCCCAGCCATTTTGGTATCATCTGAGGCATACACTTCACCTGTCTCTAAGGCTCAGTCTGAAGCTGGGG

CTCATGTTACAGTACAAGGTGACCATGCTGCTGTGGCCTCTGAACCTTCAGCAGTACCGACCCGGAAGAACCGGCTGTCT

GCTTTTCCTCCCTTTCACTCTACTGCACCGCCCTTCCCTTCTCCAGCTCGGACCCCTGAGGTGAGAACACCCAAGTCAGG

AACTCAGCCACAAACAACAGAAACTAACCTGCAAACTGCTCCTAAACTTTCCACATCAACATCCACGACTGGGACCAGCC

ATCTCATAAAGTGTGCGGAGAAGGAGAAAACTTTCTGTGTGAATGGGGGCGAGTGCTTCACGGTGAAGGACCTGTCAAAC

CCGTCAAGATACTTGTGCAAGTGCCCAAATGAGTTTACTGGTGATCGTTGCCAAAACTACGTAATGCCAGCTTCTACAGT

ACGTCCACTCCCTTTCTGTCTCTGCCTGAGTAGAGCATGCTCAGTCGATGCTGCTTTCTTGTGCTACATCTCCCTGCAGA

AGGCGAATTCCAGCACACTGCGCGTTACTATGATCCGACCTCGGTACAAGCTGATGCAAACTTGAGATTCTTTATGTCAC

TAAAAGCTGCGTAATCATGTTCATGACTGTTTCTGTGTGAATTGTTATCGCTCAAAATCCACACAACAAACAGACGGAAG

CATAAAGGAAAATCCTGGGGGTCTATGAAATAGAATAACTCAAAAAATTGCGTGTGGCCTCCATGTCGCTTTCTATCATC

TGGGGAGGT

1g sense

GGCCTAGCTTTTTAGGTGACACTATAGAATACTCAAGCTATGCATCAAGCTTGGTACCGAGCTCGGATCCACTAGTAACG

GCCGCCAGTGTGCTGGAATTCGCCCTTCTGCAGGGGAGATGTAGCAACAAGAAAGCAGCATCGACTGAGCATGCTCCTAC

TCAGGCAGAGACAGAAAGGGAGTGGACGTACTGTAGAAGCTGGCCATTACGTAGTTTTGGCAACGATCACCAGTAAACTC

ATTTGGGCACTTGCACAAGTATCTTGACGGGTTTGACAGGTCCTTCACCGTGAAGCACTCGCCCCCATTCACACAGAAAG

TTTTCTCCTTCTCCGCGCACTTTATGAGATGGCTGGTCCCAGTCGTGGATGTCGATGTGGAAAGTTTAGGAGCAGTTTGC

AGGTTAGTTTCTGTTGTTTGTGGCTGAGTTCCTGACTTGGGTGTTCTCACCTCAGGGGTCCGAGCTGGAGAAGGGAAGGG

CGGTGCAGTAGAGTGAAAGGGAGGAAAAGCAGACAGCCGGTTCTTCCGGGTCGGTACTGCTGAAGGTTCAGAGGCCACAG

CAGCATGGTCACCTTGTACTGTAACATGAGCCCCAGCTTCAGACTGAGCCTTAGAGACAGGTGAAGTGTATGCCTCAGAT

GATACCAAAATGGCTGGGGCAGCAGTTGGATCCAGAGAAATCACAGGGTCCTGGCCTAACCCCCCAGGGTCAAGGTGGGT

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CCAGAATGGGAACAATGCAGATCTTCTCGGAGTTGAGACACCCTCTCAGGCGCTCAGCTTCCAGGCACACACAGCAGGGC

ACCGCCAGGCCCAGGAGTCCAGGGCTTCTCTCATCTTCTGTGTGGGTGTCTGGTATATGTTCCTCCGCTGCCGGAAGCCC

ATCAAGAGATGGGGCTGCACTCAGCTGAGTGGAGGGGCTGGAGGACCTCCCGCCAGCTACCTCAGACAGGTCTGGGGAAT

AAATCTCCATCGCCCCACCCTCGAGAGGCGGAATTCTGCAGATATCAATCACACTGGCGGCCGCTCGAGCATGCATCTAA

AGGGCCCAATTCGCCTATTGTGAGTCGTATTACATTTCATGGGCCGTCGTTTACAACGTCGGGACTGGAAACCTGGCGGT

TACCCACTATGCTTGACATCCCCTTTGCACTGTAACCAAAGCCCCCCGATGCCCTCCCAATTGGCCACCCCAATTCCTGG

GG

1h antisense

GGATGGACTCCTATAGGGCGATTGGGCCCTCTAGATGCATGCTCGAGCGGCCGCCAGTGTGATGGATATCTGCAGAATTC

GCCCTTCTCGAGGGTGGGGCGATGGAGATTTATTCCCCAGACATGTCTGAGGTAGCTGGCGGGAGGTCCTCCAGCCCCTC

CACTCAGCTGAGTGCAGCCCCATCTCTTGATGGGCTTCCGGCAGCGGAGGAACATATACCAGACACCCACACAGAAGATG

AGAGAAGCCCTGGACTCCTGGGCCTGGCGGTGCCCTGCTGTGTGTGCCTGGAAGCTGAGCGCCTGAGAGGGTGTCTCAAC

TCCGAGAAGATCTGCATTGTTCCCATTCTGGCTTGCCTAGTCAGCCTCTGCCTCTGCATTGCTGGCCTGAAGTGGGTATT

TGTGGACAAGATATTTGAATACGACTCTCCTACCCACCTTGACCCTGGGGGGTTAGGCCAGGACCCTGTGATTTCTCTGG

ATCCAACTGCTGCCCCAGCCATTTTGGTATCATCTGAGGCATACACTTCACCTGTCTCTAAGGCTCAGTCTGAAGCTGGG

GCTCATGTTACAGTACAAGGTGACCATGCTGCTGTGGCCTCTGAACCTTCAGCAGTACCGACCCGGAAGAACCGGCTGTC

TGCTTTTCCTCCCTTTCACTCTACTGCACCGCCCTTCCCTTCTCCAGCTCGGACCCCTGAGGTGAGAACACCCAAGTCAG

GAACTCAGCCACAAACAACAGAAACTAACCTGCAAACTGCTCCTAAACTTTCCACATCGACATCCACGACTGGGACCAGC

CATCTCATAAAGTGCGCGGAGAAGGAGAAAACTTTCTGTGTGAATGGGGGCGAGTGCTTCACGGTGAAGGACCTGTCAAA

CCCGTCAAGATACTTGTGCAAGTGCCCAAATGAGTTTACTGGTGATCGTTGCCAAACTACGTAATGGCCAGCTTCTACAG

TACGTCCACTCCCTTTCTGTCTCTGCCTGAGTAGGAGCATGCTCAGTCGATGCTGCTTTCTTGTGCTACATCTCCCCTGC

AAAGGCGAATTCAGCACACTGCGCCGTTACTAGTGATCCGAGCTCGGTACAGCTGATGCATAGCTTGAGTATTCCATAGT

GTCACCTAAATAGCTTGCGTATCATGGTCATACCTGTTTCCTGTGTGAAATGTTATCCGCTCCAATTCCCACAAAATACA

ACGGAGAAATAAGTTAAGCCTGGGTGCTAAGAGTACCTACCTCAATTATTGCGGTGGGCTTCCATGTCCCGCTTCCCTCA

TCGGACAG