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*      20      *      40      *      60      *      80
ca6zf : ATGGAGCAGCTGACTCTAGTCCTGCTNTTCNNCACTTCGCTGAATTTTCGCATCGGCTGGAGTAGATGGAGATTATTGGAC : 80
CA6 : ATGGAGCAGCTGACTCTAGTCCTGCTATTCGTCACTTCGCTGAATTTTCGCATCGGCTGGAGTAGATGGAGATTATTGGAC : 80
ATGGAGCAGCTGACTCTAGTCCTGCT TTC CACTTCGCTGAATTTTCGCATCGGCTGGAGTAGATGGAGATTATTGGAC

*      100     *      120     *      140     *      160
ca6zf : ATATTTCAGGAGAGCTGGATCAGAAGCACTGGGCAGAAAAATATCATGACTGCGGTGGCAACAACAGTCTCCCATGGACA : 160
CA6 : ATATTTCAGGAGAGCTGGATCAGAAGCACTGGGCAGAAAAATATCATGACTGCGGTGGCAACAACAGTCTCCCATGGACA : 160
ATATTTCAGGAGAGCTGGATCAGAAGCACTGGGCAGAAAAATATCATGACTGCGGTGG CAACAACAGTCTCCCATGGACA

*      180     *      200     *      220     *      240
ca6zf : TACAGCGGCGAAAGGTGCGATATAGTCCACGAATGCAACAGCTCGAGCTGACAGGTTATGAAGACATCCGCGGTTCCCTTT : 240
CA6 : TACAGCGGCGAAAGGTGCGATATAGTCCACGAATGCAACAGCTCGAGCTGACAGGTTATGAAGACATCCGCGGTTCCCTTT : 240
TACAGCGGCGAAAGGTGCGATATAGTCCACGAATGCAACAGCTCGAGCTGACAGGTTATGAAGACATCCGCGGTTCCCTTT

*      260     *      280     *      300     *      320
ca6zf : CTCATGAAGAACAATGGCCATTCTGTGAAATTCAGCTGCCAAGCACCATGAAGATTACCAAGGGGTTTCCACACCAATA : 320
CA6 : CTCATGAAGAACAATGGCCATTCTGTGAAATTCAGCTGCCAAGCACCATGAAGATTACCAAGGGGTTTCCACACCAATA : 320
CTCATGAAGAACAATGGCCATTCTGTGAAATTCAGCTGCCAAGCACCATGAAGATTACCAAGGGGTTTCCACACCAATA

*      340     *      360     *      380     *      400
ca6zf : CACCGCCGTCCAAATGCATCTGCACTGGGGAGGCTGGGACTTGGAGGCCAGTGGATCAGAGCACACAATGGACGGCATTTC : 400
CA6 : CACCGCCGTCCAAATGCATCTGCACTGGGGAGGCTGGGACTTGGAGGCCAGTGGATCAGAGCACACAATGGACGGCATTTC : 400
CACCGCCGTCCAAATGCATCTGCACTGGGGAGGCTGGGACTTGGAGGCCAGTGGATCAGAGCACACAATGGACGGCATTTC

*      420     *      440     *      460     *      480
ca6zf : GCTACATGGCAGAACTTCACGTTGTCCACTACAACCTCTGAAAAGTACCCAGCTTTGAAGAGGCCAAAAATAAACCTGAT : 480
CA6 : GCTACATGGCAGAACTTCACGTTGTCCACTACAACCTCTGAAAAGTACCCAGCTTTGAAGAGGCCAAAAATAAACCTGAT : 480
GCTACATGGCAGAACTTCACGTTGTCCACTACAACCTCTGAAAAGTACCCAGCTTTGAAGA GCCAAAAATAAACCTGAT

*      500     *      520     *      540     *      560
ca6zf : GGTCTTGCAGTTTTAGCCTTCTTTTTTGGAGTAGGCATTTTTGAGAACCGTACTACAGTGATTTTATTTCAAACCTGGC : 560
CA6 : GGTCTTGCAGTTTTAGCCTTCTTTTTTGGAGTAGGGCATTTTTGAGAACCGTACTACAGTGATTTTATTTCAAACCTGGC : 560
GGTCTTGCAGTTTTAGCCTTCTTTTTTGGAGTAGG CATTTTTGAGAACCGTACTACAGTGATTTTATTTCAAACCTGGC

*      580     *      600     *      620     *      640
ca6zf : AAACATCAAATACGTAGGTAGTCCATGAGCATCTCCAACCTGAATGTTCTCTCCATGCTGTCAGAGAACCTTAGTCACT : 640
CA6 : AAACATCAAATACGTAGGTAGTCCATGAGCATCTCCAACCTGAATGTTCTCTCCATGCTGTCAGAGAACCTTAGTCACT : 640
AAACATCAAATACGTAGGTAGTCCATGAGCATCTCCAACCTGAATGTTCTCTCCATGCTGTCAGAGAACCTTAGTCACT

*      660     *      680     *      700     *      720
ca6zf : TCTACAGATATAAAGGCTCTCTGACCACACCGCCCTGTTTTGAGAGCGTCATGTGGACAGTGTTCGATACGCCATCACC : 720
CA6 : TCTACAGATATAAAGGCTCTCTGACCACACCGCCCTGTTTTGAGAGCGTCATGTGGACAGTGTTCGATACGCCATCACC : 720
TCTACAGATATAAAGGCTCTCTGACCACACCGCCCTGTTTTGAGAGCGTCATGTGGACAGTGTTCGATACGCC ATCACC

*      740     *      760     *      780     *      800
ca6zf : CTCTCGCACAACCAGATCAGGAAATTGGAGAGCACATTAATGGACCATGACAATAAGACCCTGTGGAACGACTACCGCAT : 800
CA6 : CTCTCGCACAACCAGATCAGGAAATTGGAGAGCACATTAATGGACCATGACAATAAGACCCTGTGGAACGACTACCGCAT : 800
CTCTCGCACAACCAGATCAGGAAATTGGAGAGCACATTAATGGACCATGACAATAAGACCCTGTGGAACGACTACCGCAT

*      820     *      840     *      860     *      880
ca6zf : GGCCCAACCTCTGAATGAAAGAGTGGTGGAGTCTACTTTCTCCACGCTCTCAGCAAAGGAGGAATGTGCCGTCAAGAGG : 880
CA6 : GGCCCAACCTCTGAATGAAAGAGTGGTGGAGTCTACTTTCTCCACGCTCTCAGCAAAGGAGGAATGTGCCGTCAAGAGG : 880
GGCCCAACCTCTGAATGAAAGAGTGGTGGAGTCTACTTTCTCCACGCTCTCAGCAAAGGAGGAATGTGCCGTCAAGAGG

*      900     *      920     *      940     *      960
ca6zf : AGATTGAAGCTAAGCTTAAAAGGATCGAGAGCCTTATTTTGTCACTGGACAAAAAGCGGTTCAAGGCAAGCAACCTATA : 960
CA6 : AGATTGAAGCTAAGCTTAAAAGGATCGAGAGCCTTATTTTGTCACTGGACAAAAAGCGGTTCAAGGCAAGCAACCTATA : 960
AGATTGAAGCTAAGCTTAAAAGGATCGAGAGCCTTATTTTGTCACTGGACAAAAAGCGGTTCAAGGCAAGCAACCTATA

*      980     *      1000    *      1020    *      1040
ca6zf : TCTCCCCTGGTCTCTACTTCCCGCAGAAAAATGTGGAAAGCTTCGCCGTGGTGAACCTAACACATCCCATGGAGCTCAA : 1040
CA6 : TCTCCCCTGGTCTCTACTTCCCGCAGAAAAATGTGGAAAGCTTCGCCGTGGTGAACCTAACACATCCCATGGAGCTCAA : 1040
TCTCCCCTGGTCTCTACTTCCCGCAGAAAAATGTGGAAAGCTTCGCCGTGGTGAACCTAACACATCCCATGGAGCTCAA

*      1060    *      1080    *      1100    *      1120
ca6zf : ATCCTTCACAGCCTGCATGAATGTCCAAATTCGCCAATTCGAGATCTGACTGTGCTTTCATACTCCACGTCCCACGACA : 1120
CA6 : ATCCTTCACAGCCTGCATGAATGTCCAAATTCGCCAATTCGAGATCTGACTGTGCTTTCATACTCCACGTCCCACGACA : 1120
ATCCTTCACAGCCTGCATGAATGTCCAAATTCGCCAATTCGAGATCTGACTGTGCTTTCATACTCCACGTCCCACGACA

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*      1140      *      1160      *      1180      *      1200
ca6zf : ATGAGCTCATGATCTCCTTAGGCTCTGAAGTGGGTCTCTGGATCGGAGATGAGTTTGTAAATCTGAGTTTCGATCTTCCA : 1200
CA6   : ATGAGCTCATGATCTCCTTAGGCTCTGAAGTGGGTCTCTGGATCGGAGATGAGTTTGTAAATCTGAGTTTCGATCTTCCA : 1200
      ATGAGCTCATGATCTCCTTAGGCTCTGAAGTGGGTCTCTGGATCGGAGATGAGTTTGTAAATCTGAGTTTCGATCTTCCA

*      1220      *      1240      *      1260      *      1280
ca6zf : TCAAGTGACTGGACAAACTACTGCCTTACCTGGGCATCACACAACGGAGGGGCTGAGCTGTGGGTGAACGGGGTAGTCGG : 1280
CA6   : TCAAGTGACTGGACAAACTACTGCCTTACCTGGGCATCACACAACGGAGGGGCTGAGCTGTGGGTGAACGGGGTAGTCGG : 1280
      TCAAGTGACTGGACAAACTACTGCCTTACCTGGGCATCACACAACGGAGGGGCTGAGCTGTGGGTGAACGGGGTAGTCGG

*      1300      *      1320      *      1340      *      1360
ca6zf : AAAGGAACGCTACATTAGGACAGGGTACATCATTCCTGCTGGAGGAAGACTCATTTTGGGGAAGGACCAGGACGGGTTTT : 1360
CA6   : AAAGGAACGCTACATTAGGACAGGGTACATCATTCCTGCTGGAGGAAGACTCATTTTGGGGAAGGACCAGGACGGGTTTT : 1360
      AAAGGAACGCTACATTAGGACAGGGTACATCATTCCTGCTGGAGGAAGACTCATTTTGGGGAAGGACCAGGACGGGTTTT

*      1380      *      1400      *      1420      *      1440
ca6zf : TAGGGATTTTCAGTTAACGATGCTTTTGTTCGGTCATATGAGTGATGTAACATTTGGGATTATGTGTTAACTGAGGGAGAG : 1440
CA6   : TAGGGATTTTCAGTTAACGATGCTTTTGTTCGGTCATATGAGTGATGTAACATTTGGGATTATGTGTTAACTGAGGGAGAG : 1440
      TAGGGATTTTCAGTTAACGATGCTTTTGTTCGGTCATATGAGTGATGTAACATTTGGGATTATGTGTTAACTGAGGGAGAG

*      1460      *      1480      *      1500      *      1520
ca6zf : ATTGTTGAGCAGATGTCGTGTGACAATGGGAAAGTGAAGGGGAACGTCCTGAGCTGGGGAGTCACTCAGCTCAGTCTGTA : 1520
CA6   : ATTGTTGAGCAGATGTCGTGTGACAATGGGAAAGTGAAGGGGAACGTCCTGAGCTGGGGAGTCACTCAGCTCAGTCTGTA : 1520
      ATTGTTGAGCAGATGTCGTGTGACAATGGGAAAGTGAAGGGGAACGTCCTGAGCTGGGGAGTCACTCAGCTCAGTCTGTA

*      1540      *      1560      *      1580      *
ca6zf : TGGAGGAGTTCAGCTGCAGGGCGAACAGGTTTGCCATCGGGATAATAATAATAATAGAGAAACAGAGAAA : 1590
CA6   : TGGAGGAGTTCAGCTGCAGGGCGAACAGGTTTGCCATCGGGATAATAATAATAATAGAGAAACAGAGAAA : 1590
      TGGAGGAGTTCAGCTGCAGGGCGAACAGGTTTGCCATCGGGATAATAATAATAATAGAGAAACAGAGAAA

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