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5' CCAACCTGCCATCACGAGATTTTCGATTCACC GCCCCTTCTATGAAAGGTTGGGCTTCGGAATCGTTTTCCGGGACGCC 4480

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5' GGCTGGATGATCCTCCAGCGGGGATCTCATGCTGGAGTCTTCGCCACCCCAACTTGTTTATTGCAGCTTATAATGG 4560

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5' TTACAAATAAAGCAATAGCATCACAAATTTACAAATAAAGCATTTTTTTCCTGCTAGTTGTGGTTTGTCCAAAC 4640

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5' TCATCAATGTATCTTATCATGTCTGTATACCGTCGACCTCTAGCTAGAGCTTGGCGTAATCATGGTCATAGCTGTTTCCT 4720

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5' GTGTGAAATTGTTATCCGCTCACAATTCACACACAACATACGAGCCGGAAGCATAAAGTGTAAGCCTGGGGTGCCTAATG 4800

o

5' AGTGAGCTAACTCACATTAATTGCGTTGCGCTCACTGCCCGCTTCCAGTCGGGAAACCTGTCGTGCCAGCTGCATTAAT 4880

o

5' GAATCGGCCAACGCGGGGAGAGGCGGTTTGCCTATGGGCGCTCTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCG 4960

o

5' GTCGTTTCGGCTGCGGGCAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGG 5040

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5' AAAGAACATGTGAGCAAAAAGGCCAGCAAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCC 5120

o

5' GCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATAACCAGGCG 5200

o

5' TTTCCCCCTGGAAGCTCCCTCGTGCCTCTCCTGTTCCGACCTGCCGCTTACCGGATACCTGTCCGCTTTCTCCCTTC 5280

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5' GGGAAAGCGTGGCGCTTCTCAATGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTTCGCTCCAAGCTGGGCTGTG 5360

o

5' TGCACGAACCCCCGTTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGAC 5440

o

5' TTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTG 5520

o

5' GTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAG 5600

o

5' TTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTTGTTTGAAGCAGCAGATTACGCGCAGA 5680

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5' AAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGTCTGACGCTCAGTGAACGAAAACCTCACGTTAAGGGAT 5760

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5' TTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAATAATGAAGTTTTAAATCAATCTAAAGTA 5840

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