

Monday, January 14, 2013 12:36 PM

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      10      20      30      40      50
TAGTTATTAA TAGTAATCAA TTACGGGGTC ATTAGTTCAT AGCCCATATA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      60      70      80      90     100
TGGAGTTCCG CGTTACATAA CTTACGGTAA ATGGCCCGCC TGGCTGACCG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     110     120     130     140     150
CCCAACGACC CCCGCCATT GACGTCAATA ATGACGTATG TTCCCATAGT
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     160     170     180     190     200
AACGCCAATA GGGACTTTCC ATTGACGTCA ATGGGTGGAG TATTTACGGT
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     210     220     230     240     250
AAACTGCCCA CTTGGCAGTA CATCAAGTGT ATCATATGCC AAGTACGCCC
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     260     270     280     290     300
CCTATTGACG TCAATGACGG TAAATGGCCC GCCTGGCATT ATGCCCAGTA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     310     320     330     340     350
CATGACCTTA TGGGACTTTC CTAATTGGCA GTACATCTAC GTATTAGTCA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     360     370     380     390     400
TCGCTATTAC CATGGTGATG CGGTTTTGGC AGTACATCAA TGGGCGTGGA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     410     420     430     440     450
TAGCGGTTTG ACTCACGGGG ATTTCCAAGT CTCCACCCCA TTGACGTCAA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     460     470     480     490     500
TGGGAGTTTG TTTTGGCACC AAAATCAACG GGACTTTCCA AAATGTCGTA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     510     520     530     540     550
ACAACTCCGC CCCATTGACG CAAATGGGCG GTAGGCGTGT ACGGTGGGAG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     560     570     580     590     600
GTCTATATAA GCAGAGCTGG TTTAGTGAAC CGTCAGATCC GCTAGCGCTA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     610     620     630     640     650
CCGGTCGCCA CCATGGTGAG CAAGGGCGAG GAGCTGTTCA CCGGGGTGGT
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     660     670     680     690     700
GCCCATCCTG GTCGAGCTGG ACGGCGACGT AAACGGCCAC AAGTTCAGCG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     710     720     730     740     750
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TGTCCGGCGA GGGCGAGGGC GATGCCACCT ACGGCAAGCT GACCCTGAAG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      760      770      780      790      800
TTCATCTGCA CCACCGGCAA GCTGCCCCGTG CCCTGGCCCA CCCTCGTGAC
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      810      820      830      840      850
CACCTTGACC TACGGCGTGC AGTGCTTCAG CCGCTACCCC GACCACATGA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      860      870      880      890      900
AGCAGCACGA CTTCTTCAAG TCCGCCATGC CCGAAGGCTA CGTCCAGGAG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      910      920      930      940      950
CGCACCATCT TCTTCAAGGA CGACGGCAAC TACAAGACCC GCGCCGAGGT
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

      960      970      980      990     1000
GAAGTTCGAG GGCGACACCC TGGTGAACCG CATCGAGCTG AAGGGCATCG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1010     1020     1030     1040     1050
ACTTCAAGGA GGACGGCAAC ATCCTGGGGC ACAAGCTGGA GTACAACTAC
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1060     1070     1080     1090     1100
AACAGCCACA ACGTCTATAT CATGGCCGAC AAGCAGAAGA ACGGCATCAA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1110     1120     1130     1140     1150
GGTGAACTTC AAGATCCGCC ACAACATCGA GGACGGCAGC GTGCAGCTCG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1160     1170     1180     1190     1200
CCGACCACTA CCAGCAGAAC ACCCCCATCG GCGACGGCCC CGTGCTGCTG
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1210     1220     1230     1240     1250
CCCGACAACC ACTACCTGAG CACCCAGTCC GCCCTGAGCA AAGACCCCAA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1260     1270     1280     1290     1300
CGAGAAGCGC GATCACATGG TCCTGCTGGA GTTCGTGACC GCCGCCGGGA
___/NOTE=CLONETECH PEGFP-C1; /NOTE=GFP OF CLONTECH___>

     1310     1320     1330     1340     1350
TCACTCTCGG CATGGACGAG CTGTACAAGT CCGGACTCAG ATCTCGAGAA
_____a_____ [SPLIT] _____a_____a_____>

     1360     1370     1380     1390     1400
ATGTTAAGGA GGATTTTACA GAGGACTCCT GGGAGAGTTG GCTCTCAAGG
_____a_____a_ [SPLIT] _____a_____a_____>

     1410     1420     1430     1440     1450
TTCTGATTTA GATTCATCAG CAACTCCTAT AAACACAGTG GACGTCAATA

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_____a_____a_[SPLIT]__a_____a_____>

1460      1470      1480      1490      1500
ATGAAAGCTC TTCAGAAGGT TTCATATGTC CCCAGTGTAT GAAATCTCTT
_____a_____a_[SPLIT]__a_____a_____>

1510      1520      1530      1540      1550
GGATCTGCTG ATGAACTTTT CAAACATTAT GAAGCTGTTC ATGATGCTGG
_____a_____a_[SPLIT]__a_____a_____>

1560      1570      1580      1590      1600
TAATGACTCA GGTTCATGGAG GAGAGTCTAA TCTTGCTTTG AAGCGAGATG
_____a_____a_[SPLIT]__a_____a_____>

1610      1620      1630      1640      1650
ATGTAACACT GCTCAGACAA GAGGTCCAAG ACCTACAGGC TTCACTTAAG
_____a_____a_[SPLIT]__a_____a_____>

1660      1670      1680      1690      1700
GAAGAAAAAT GGTACTCGGA AGAATTAAAG AAGGAATTAG AAAAATATCA
_____a_____a_[SPLIT]__a_____a_____>

1710      1720      1730      1740      1750
AGGGCTGCAG CAGCAAGAGG CCAAACCTGA TGGGTTGGTG ACTGATTCAT
_____a_____a_[SPLIT]__a_____a_____>

1760      1770      1780      1790      1800
CAGCAGAACT ACAGTCTTTG GAACAGCAAT TAGAAGAAGC CCAAACAGAA
_____a_____a_[SPLIT]__a_____a_____>

1810      1820      1830      1840      1850
AATTTTAATA TTAAGCAAAT GAAAGACTTA TTTGAACAGA AAGCAGCCCA
_____a_____a_[SPLIT]__a_____a_____>

1860      1870      1880      1890      1900
ACTTGCTACT GAAATTGCAG ATATAAAGTC AAAGTATGAT GAAGAAAGGA
_____a_____a_[SPLIT]__a_____a_____>

1910      1920      1930      1940      1950
GTCTTCGAGA AGCTGCTGAA CAAAAGTGA CACGTCTGAC AGAAGAATTA
_____a_____a_[SPLIT]__a_____a_____>

1960      1970      1980      1990      2000
AACAAAGAGG CAACTGTAAT TCAAGATCTG AAGACGGAAC TGCTTCAGAG
_____a_____a_[SPLIT]__a_____a_____>

2010      2020      2030      2040      2050
ACCTGGTATA GAAGATGTTG CCGTGCTAAA GAAAGAAGTG GTCCAAGTTC
_____a_____a_[SPLIT]__a_____a_____>

2060      2070      2080      2090      2100
AAACACTAAT GGATAACATG ACCTTGGAAC GTGAGCGAGA ATCTGAAAAA
_____a_____a_[SPLIT]__a_____a_____>

2110      2120      2130      2140      2150
CTCAAAGATG AATGCAAAAA ATTGCAGTCA CAATATGCTA GCTCAGAGGC
_____a_____a_[SPLIT]__a_____a_____>

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      2160      2170      2180      2190      2200
CACAATAAGC CAGCTAAGGA GTGAACCTGC CAAAGGCCCC CAGGAAGTTG
_____a_____a_[SPLIT]__a_____a_____>

      2210      2220      2230      2240      2250
CTGTATATGT ACAGGAACTA CAAAAACTGA AAAGTTCAGT TAATGAATTA
_____a_____a_[SPLIT]__a_____a_____>

      2260      2270      2280      2290      2300
ACACAAAAAA ATCAGACCTT GACAGAAAAC TTGCTGAAAA AAGAACAAGA
_____a_____a_[SPLIT]__a_____a_____>

      2310      2320      2330      2340      2350
CTATACTAAG TTAGAGGAGA AACATAATGA AGAATCTGTG AGTAAAAAGA
_____a_____a_[SPLIT]__a_____a_____>

      2360      2370      2380      2390      2400
ATATTCAGGC AACCCCTTCAT CAAAAGACC TAGATTGTCA ACAGCTTCAG
_____a_____a_[SPLIT]__a_____a_____>

      2410      2420      2430      2440      2450
TCAAGATTGT CTGCATCTGA AACCTCACTG CATAGAATAC ATGTAGAACT
_____a_____a_[SPLIT]__a_____a_____>

      2460      2470      2480      2490      2500
AAGTGAAAAA GGAGAAGCTA CTCAAAAGCT CAAAGAAGAA TTATCTGAGG
_____a_____a_[SPLIT]__a_____a_____>

      2510      2520      2530      2540      2550
TAGAGACCAA GTACCAGCAT CTAAAGGCGG AGTTTAAGCA GCTACAACAA
_____a_____a_[SPLIT]__a_____a_____>

      2560      2570      2580      2590      2600
CAGAGAGAAG AAAAGGAGCA GCATGGGTTA CAACTCCAAA GTGAAATTAA
_____a_____a_[SPLIT]__a_____a_____>

      2610      2620      2630      2640      2650
TCAATTACAT AGCAAACCTC TAGAGACAGA GCGCCAATA GGGGAAGCTC
_____a_____a_[SPLIT]__a_____a_____>

      2660      2670      2680      2690      2700
ATGGTAGGCT GAAGGAACAG AGACAGCTTT CAAGTGAAAA GTTGATGGAT
_____a_____a_[SPLIT]__a_____a_____>

      2710      2720      2730      2740      2750
AAAGAACAAC AAGTGGCTGA TTTACAACCT AACTTTCTCT GGTTAGAAGA
_____a_____a_[SPLIT]__a_____a_____>

      2760      2770      2780      2790      2800
GCAGTTGAAG GAAAAAGTTA CAAATTCTAC AGAATTGCAG CATCAATTAG
_____a_____a_[SPLIT]__a_____a_____>

      2810      2820      2830      2840      2850
ATAAAACAAA GCAACAGCAT CAAGAACAAC AGGCTCTTCA GCAAAGCACC
_____a_____a_[SPLIT]__a_____a_____>

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      2860      2870      2880      2890      2900
ACGGCAAAAC TTCGAGAAGC TCAGAATGAT TTGGAACAAG TTCTACGTCA
_____a_____a_[SPLIT]__a_____a_____>

      2910      2920      2930      2940      2950
AATTGGCGAC AAGGACCAAA AGATCCAGAA CCTTGAAGCT TTATTACAGA
_____a_____a_[SPLIT]__a_____a_____>

      2960      2970      2980      2990      3000
AGAGTAAAGA AAATATTTCA TTACTAGAAA AAGAAAGAGA AGATCTTTAT
_____a_____a_[SPLIT]__a_____a_____>

      3010      3020      3030      3040      3050
GCAAAAATTC AGGCTGGTGA AGGAGAGACT GCTGTTCTTA ACCAGTTACA
_____a_____a_[SPLIT]__a_____a_____>

      3060      3070      3080      3090      3100
AGAAAAAAAC CATACTACTAC AGGAGCAAGT AACTCAACTA ACAGAGAAGC
_____a_____a_[SPLIT]__a_____a_____>

      3110      3120      3130      3140      3150
TGAAGAATCA GTCAGAAAGT CATAACAAG CCCAGGAGAA TTTGCATGAC
_____a_____a_[SPLIT]__a_____a_____>

      3160      3170      3180      3190      3200
CAGGTACAAG AGCAGAAGGC ACATCTTAGA GCTGCACAAG ACCGTGTCCT
_____a_____a_[SPLIT]__a_____a_____>

      3210      3220      3230      3240      3250
TTCCCTAGAA ACTAGTGTCA ATGAATTTAA TAGTCAATTA AATGAAAGCA
_____a_____a_[SPLIT]__a_____a_____>

      3260      3270      3280      3290      3300
AGGAGAAGGT CTCCCAGCTT GACATACAGA TTAAAGCCAA AACCGAACTA
_____a_____a_[SPLIT]__a_____a_____>

      3310      3320      3330      3340      3350
TTACTATCAG CAGAAGCAGC AAAAAGCTGCT CAAAGAGCTG ATCTTCAGAA
_____a_____a_[SPLIT]__a_____a_____>

      3360      3370      3380      3390      3400
TCATTTGGAC ACAGCTCAAA ATGCATTACA AGATAAACAG CAGGAGTTAA
_____a_____a_[SPLIT]__a_____a_____>

      3410      3420      3430      3440      3450
ATAAGATTAC TACTCAGTTG GATCAGGTCA CTGCAAAGTT ACAAGACAAG
_____a_____a_[SPLIT]__a_____a_____>

      3460      3470      3480      3490      3500
CAAGAACATT GCAGTCAGCT GGAAAGTCAT CTTAAAGAAT ATAAAGAGAA
_____a_____a_[SPLIT]__a_____a_____>

      3510      3520      3530      3540      3550
ATACCTCTCT TTAGAACAGA AAACCGAAGA GCTAGAAGGT CAAATTAAGA
_____a_____a_[SPLIT]__a_____a_____>

      3560      3570      3580      3590      3600

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AACTAGAAGC TGATAGTCTT GAAGTTAAAG CAAGCAAGGA GCAGGCTTTG
_____a_____a_[SPLIT]__a_____a_____>

      3610      3620      3630      3640      3650
CAAGATCTAC AACAGCAAAG ACAGCTGAAC ACAGATTTAG AGCTCAGAGC
_____a_____a_[SPLIT]__a_____a_____>

      3660      3670      3680      3690      3700
CACAGAATTG AGTAAACAAC TTGAAATGGA GAAGGAAATA GTATCCAGTA
_____a_____a_[SPLIT]__a_____a_____>

      3710      3720      3730      3740      3750
CAAGATTGGA TCTACAGAAA AAATCTGAAG CCCTTGAAAG TATCAAGCAA
_____a_____a_[SPLIT]__a_____a_____>

      3760      3770      3780      3790      3800
AAGCTTACCA AGCAAGAGGA AGAAAAACAA ATCCTGAAAC AAGATTTTGA
_____a_____a_[SPLIT]__a_____a_____>

      3810      3820      3830      3840      3850
AACTTTAAGT CAAGAAACAA AGATTCAGCA TGAGGAATTG AATAACAGAA
_____a_____a_[SPLIT]__a_____a_____>

      3860      3870      3880      3890      3900
TTCAAACAAC AGTAACAGAA CTACAAAAAG TGAAAATGGA GAAAGAAGCT
_____a_____a_[SPLIT]__a_____a_____>

      3910      3920      3930      3940      3950
TTAATGACAG AGCTTTCTAC AGTAAAGGAC AAATATCAA AAGTTTCTGA
_____a_____a_[SPLIT]__a_____a_____>

      3960      3970      3980      3990      4000
TTCTTTGAAA AACTCTAAAA GTGAATTTGA AAAGGAGAAT CAGAAAGGAA
_____a_____a_[SPLIT]__a_____a_____>

      4010      4020      4030      4040      4050
AAGCCGCTAT ATTAGACTTG GAAAAAAGTT GCAAAGAATT AAAGCATCAA
_____a_____a_[SPLIT]__a_____a_____>

      4060      4070      4080      4090      4100
CTTCAAGTGC AGATGGAAAA CACACTTAAG GAACAGAAGG AACTGAAAAA
_____a_____a_[SPLIT]__a_____a_____>

      4110      4120      4130      4140      4150
GTCACTTGAA AAAGAGAAGG AGGCTTCTCA TCAGTTGAAA TTGGAAGTCA
_____a_____a_[SPLIT]__a_____a_____>

      4160      4170      4180      4190      4200
ATTCAATGCA GGAACAAGTT ATACAGGCCC AGAATACTTT AAAACAAAAT
_____a_____a_[SPLIT]__a_____a_____>

      4210      4220      4230      4240      4250
GAAAAAGAAG AGCAACAAGT TCAGGGGAAC ATAAATGAGC TAAAGCAATC
_____a_____a_[SPLIT]__a_____a_____>

      4260      4270      4280      4290      4300
AAGTGAACAG AAGAAAAAAC AAATTGAAGC ACTCCAAGGA GAGCTTAAAA
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_____a_____a_[SPLIT]__a_____a_____>

      4310      4320      4330      4340      4350
TTGCTGTTTT ACAGAAGACA GAGCTTGAGA ATAAACTACA GCAGCAGTTA
_____a_____a_[SPLIT]__a_____a_____>

      4360      4370      4380      4390      4400
ACACAGGCAG CCCAGGAAGT TGCAGCAGAG AAAGAGAAAA TATCAGTATT
_____a_____a_[SPLIT]__a_____a_____>

      4410      4420      4430      4440      4450
ACAAAACAAC TATGAAAAAA GTCAGGAAAC TTTCAAACAG CTTCAATCTG
_____a_____a_[SPLIT]__a_____a_____>

      4460      4470      4480      4490      4500
ATTTCTATGG GAGGGAATCT GAACTTCTAG CCACCAGGCA AGATCTTAAG
_____a_____a_[SPLIT]__a_____a_____>

      4510      4520      4530      4540      4550
TCTGTAGAAG AGAAGCTTTC TCTAGCACAG GAGGACTTGA TTTCAAACAG
_____a_____a_[SPLIT]__a_____a_____>

      4560      4570      4580      4590      4600
AAATCAAATT GGAAATCAAA ATAAATTGAT TCAAGAAGTG AAGACTGCCA
_____a_____a_[SPLIT]__a_____a_____>

      4610      4620      4630      4640      4650
AGGCTACATT GGAGCAGGAT TCAGCAAAGA AAGAACAGCA ATTGCAGGAG
_____a_____a_[SPLIT]__a_____a_____>

      4660      4670      4680      4690      4700
CGATGTAAAG CACTACAAGA CATTCAAGAA GAAAAGTCAC TGAAAGAAAA
_____a_____a_[SPLIT]__a_____a_____>

      4710      4720      4730      4740      4750
AGAACTGGTA AATGAGAAGT CTAAATTGGC AGAGATAGAA GAAATTAAAT
_____a_____a_[SPLIT]__a_____a_____>

      4760      4770      4780      4790      4800
GTAGACAAGA AAAAGAAATC ACTAACTAA ACGAAGAACT CAAGTCCCAC
_____a_____a_[SPLIT]__a_____a_____>

      4810      4820      4830      4840      4850
AAACTAGAAA GCATAAAGGA GATAACAAAT CTTAAAGATG CTAAACAGCT
_____a_____a_[SPLIT]__a_____a_____>

      4860      4870      4880      4890      4900
TCTAATTCAG CAGAAATTAG AACTTCAAGG AAAAGCGGAC TCCCTGAAGG
_____a_____a_[SPLIT]__a_____a_____>

      4910      4920      4930      4940      4950
CAGCTGTTGA ACAGGAGAAG AGAAATCAGC AGATACTAAA AGACCAGGTG
_____a_____a_[SPLIT]__a_____a_____>

      4960      4970      4980      4990      5000
AAAAAGGAAG AAGAGGAGCT GAAGAAAGAA TTTATTGAGA AAGAAGCTAA
_____a_____a_[SPLIT]__a_____a_____>

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      5010      5020      5030      5040      5050
GTTGCATTCC GAAATAAAAG AAAAGGAAGT AGGAATGAAG AAGCATGAAG
_____a_____a_[SPLIT]__a_____a_____>

      5060      5070      5080      5090      5100
AAAATGAGGC TAAACTTACC ATGCAGATTA CAGCATTAAA TGAAAACCTTA
_____a_____a_[SPLIT]__a_____a_____>

      5110      5120      5130      5140      5150
GGCACTGTGA AGAAGGAGTG GCAATCTAGT CAACGGAGAG TTAGTGAGCT
_____a_____a_[SPLIT]__a_____a_____>

      5160      5170      5180      5190      5200
TGAGAAACAA ACGGATGACT TACGGGGTGA AATTGCAGTA TTAGAAGCAA
_____a_____a_[SPLIT]__a_____a_____>

      5210      5220      5230      5240      5250
CGGTTTCAGAA TAATCAAGAT GAAAGGAGAG CACTACTGGA AAGATGTCTT
_____a_____a_[SPLIT]__a_____a_____>

      5260      5270      5280      5290      5300
AAAGGAGAAG GTGAAATAGA AAAGCTTCAA ACCAAAGTAT TAGAATTGCA
_____a_____a_[SPLIT]__a_____a_____>

      5310      5320      5330      5340      5350
AAGAAAGCTG GATAATACAA CTGCAGCAGT GCAGGAGCTG GGCAGAGAAA
_____a_____a_[SPLIT]__a_____a_____>

      5360      5370      5380      5390      5400
ACCAATCACT TCAGATCAAA CATAACAAG CGTTGAATAG AAAGTGGGCC
_____a_____a_[SPLIT]__a_____a_____>

      5410      5420      5430      5440      5450
GAAGACAATG AAGTACAAAA CTGTATGGCC TGTGGGAAAG GCTTTTCAGT
_____a_____a_[SPLIT]__a_____a_____>

      5460      5470      5480      5490      5500
AACAGTGAGA CGGCATCACT GCCGACAGTG TGGAATATC TTCTGTGCTG
_____a_____a_[SPLIT]__a_____a_____>

      5510      5520      5530      5540      5550
AATGTTTCAGC CAAAATGCC TTAACCTCTT CCTCCAAGAA GCCTGTTTCGT
_____a_____a_[SPLIT]__a_____a_____>

      5560      5570      5580      5590      5600
GTCTGTGATG CATGTTTCAA TGAATTGCAA GGATAATGGG TTATCACAAC
_____a_____a_[SPLIT]__a_____a_____>

      5610      5620      5630      5640      5650
TTCAGAGTAA TATTACACTA ACATTAGATT TTATAATGTA CTTAATAGAG
_____a_____a_[SPLIT]__a_____a_____>

      5660      5670      5680      5690      5700
GTCTTGGACT ACTATTTGGT TTGGACACTT GGTTGCAATA CTAGACCAAA
_____a_____a_[SPLIT]__a_____a_____>

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5710      5720      5730      5740      5750
TAGGAATTAG TATATTTTGG AATGTTATGG ATATCGCGGC CGCGGATCCA
_____a_____a_[SPLIT]__a_____a_____>

5760      5770      5780      5790      5800
CCGGATCTAG ATAAGTGATC ATAATCAGCC ATACCACATT TGTAGAGGTT
_____a_____a_[SPLIT]__a_____a_____>

5810      5820      5830      5840      5850
TTACTTGCTT TAAAAAACCT CCCACACCTC CCCCTGAACC TGAAACATAA
_____a_____a_[SPLIT]__a_____a_____>

5860      5870      5880      5890      5900
AATGAATGCA ATTGTTGTTG TTAAGTTGTT TATTGCAGCT TATAATGGTT
_____a_____a_[SPLIT]__a_____a_____>

5910      5920      5930      5940      5950
ACAAATAAAG CAATAGCATC ACAAATTTCA CAAATAAAGC ATTTTTTTTCA
_____a_____a_[SPLIT]__a_____a_____>

5960      5970      5980      5990      6000
CTGCATTCTA GTTGTGGTTT GTCCAACTC ATCAATGTAT CTTAACGCGT
_____a_____a_[SPLIT]__a_____a_____>

6010      6020      6030      6040      6050
AAATTGTAAG CGTTAATATT TTGTTAAAAT TCGCGTTAAA TTTTGTGTTAA
_____a_____a_[SPLIT]__a_____a_____>

6060      6070      6080      6090      6100
ATCAGCTCAT TTTTAAACCA ATAGGCCGAA ATCGGCAAAA TCCCTTATAA
_____a_____a_[SPLIT]__a_____a_____>

6110      6120      6130      6140      6150
ATCAAAAGAA TAGACCGAGA TAGGGTTGAG TGTTGTTCCA GTTTGAACA
_____a_____a_[SPLIT]__a_____a_____>

6160      6170      6180      6190      6200
AGAGTCCACT ATTAAAGAAC GTGGACTCCA ACGTCAAAGG GCGAAAAACC
_____a_____a_[SPLIT]__a_____a_____>

6210      6220      6230      6240      6250
GTCTATCAGG GCGATGGCCC ACTACGTGAA CCATCACCTT AATCAAGTTT
_____a_____a_[SPLIT]__a_____a_____>

6260      6270      6280      6290      6300
TTTGGGGTCG AGGTGCCGTA AAGCACTAAA TCGGAACCCT AAAGGGAGCC
_____a_____a_[SPLIT]__a_____a_____>

6310      6320      6330      6340      6350
CCCGATTTAG AGCTTGACGG GGAAAGCCGG CGAACGTGGC GAGAAAGGAA
_____a_____a_[SPLIT]__a_____a_____>

6360      6370      6380      6390      6400
GGGAAGAAAG CGAAAGGAGC GGGCGCTAGG GCGCTGGCAA GTGTAGCGGT
_____a_____a_[SPLIT]__a_____a_____>

6410      6420      6430      6440      6450

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CACGCTGCGC GTAACCACCA CACCCGCCGC GCTTAATGCG CCGCTACAGG
_____a_____a_[SPLIT]__a_____a_____>

        6460        6470        6480        6490        6500
GCGCGTCAGG TGGCACTTTT CGGGGAAATG TGCGCGGAAC CCCTATTTGT
_____a_____a_[SPLIT]__a_____a_____>

        6510        6520        6530        6540        6550
TTATTTTTTCT AAATACATTG AAATATGTAT CCGCTCATGA GACAATAACC
_____a_____a_[SPLIT]__a_____a_____>

        6560        6570        6580        6590        6600
CTGATAAATG CTTCAATAAT ATTGAAAAAG GAAGAGTCCT GAGGCGGAAA
_____a_____a_[SPLIT]__a_____a_____>

        6610        6620        6630        6640        6650
GAACCAGCTG TGGAAATGTGT GTCAGTTAGG GTGTGGAAAG TCCCCAGGCT
_____a_____a_[SPLIT]__a_____a_____>

        6660        6670        6680        6690        6700
CCCCAGCAGG CAGAAGTATG CAAAGCATGC ATCTCAATTA GTCAGCAACC
_____a_____a_[SPLIT]__a_____a_____>

        6710        6720        6730        6740        6750
AGGTGTGGAA AGTCCCCAGG CTCCCCAGCA GGCAGAAGTA TGCAAAGCAT
_____a_____a_[SPLIT]__a_____a_____>

        6760        6770        6780        6790        6800
GCATCTCAAT TAGTCAGCAA CCATAGTCCC GCCCCTAACT CCGCCCATCC
_____a_____a_[SPLIT]__a_____a_____>

        6810        6820        6830        6840        6850
CGCCCCTAAC TCCGCCCAGT TCCGCCCATC CTCCGCCCCA TGGCTGACTA
_____a_____a_[SPLIT]__a_____a_____>

        6860        6870        6880        6890        6900
ATTTTTTTTTA TTTATGCAGA GGCCGAGGCC GCCTCGGCCT CTGAGCTATT
_____a_____a_[SPLIT]__a_____a_____>

        6910        6920        6930        6940        6950
CCAGAAGTAG TGAGGAGGCT TTTTGGGAGG CCTAGGCTTT TGCAAAGATC
_____a_____a_[SPLIT]__a_____a_____>

        6960        6970        6980        6990        7000
GATCAAGAGA CAGGATGAGG ATCGTTTCGC ATGATTGAAC AAGATGGATT
_____a_____a_[SPLIT]__a_____a_____>

        7010        7020        7030        7040        7050
GCACGCAGGT TCTCCGGCCG CTTGGGTGGA GAGGCTATTG GGCTATGACT
_____a_____a_[SPLIT]__a_____a_____>

        7060        7070        7080        7090        7100
GGGCACAACA GACAATCGGC TGCTCTGATG CCGCCGTGTT CCGGCTGTCA
_____a_____a_[SPLIT]__a_____a_____>

        7110        7120        7130        7140        7150
GCGCAGGGGC GCCCGGTTCT TTTTGTCAAG ACCGACCTGT CCGGTGCCCT

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_____a_____a_[SPLIT]__a_____a_____>
      7160      7170      7180      7190      7200
GAATGAAGTCAAGACGAGG CAGCGCGGCT ATCGTGGCTG GCCACGACGG
_____a_____a_[SPLIT]__a_____a_____>
      7210      7220      7230      7240      7250
GCGTTCCTTG CGCAGCTGTG CTCGACGTTG TCACTGAAGC GGAAGGGAC
_____a_____a_[SPLIT]__a_____a_____>
      7260      7270      7280      7290      7300
TGGCTGCTAT TGGGCGAAGT GCCGGGGCAG GATCTCCTGT CATCTCACCT
_____a_____a_[SPLIT]__a_____a_____>
      7310      7320      7330      7340      7350
TGCTCCTGCC GAGAAAGTAT CCATCATGGC TGATGCAATG CGGCGGCTGC
_____a_____a_[SPLIT]__a_____a_____>
      7360      7370      7380      7390      7400
ATACGCTTGA TCCGGCTACC TGCCCATTCG ACCACCAAGC GAAACATCGC
_____a_____a_[SPLIT]__a_____a_____>
      7410      7420      7430      7440      7450
ATCGAGCGAG CACGTACTCG GATGGAAGCC GGTCTTGTCG ATCAGGATGA
_____a_____a_[SPLIT]__a_____a_____>
      7460      7470      7480      7490      7500
TCTGGACGAA GAGCATCAGG GGCTCGCGCC AGCCGAAGT TTCGCCAGGC
_____a_____a_[SPLIT]__a_____a_____>
      7510      7520      7530      7540      7550
TCAAGGCGAG CATGCCCGAC GGCGAGGATC TCGTCGTGAC CCATGGCGAT
_____a_____a_[SPLIT]__a_____a_____>
      7560      7570      7580      7590      7600
GCCTGCTTGC CGAATATCAT GGTGGAAAAT GGCCGCTTTT CTGGATTTCAT
_____a_____a_[SPLIT]__a_____a_____>
      7610      7620      7630      7640      7650
CGACTGTGGC CGGCTGGGTG TGGCGGACCG CTATCAGGAC ATAGCGTTGG
_____a_____a_[SPLIT]__a_____a_____>
      7660      7670      7680      7690      7700
CTACCCGTGA TATTGCTGAA GAGCTTGGCG GCGAATGGGC TGACCGCTTC
_____a_____a_[SPLIT]__a_____a_____>
      7710      7720      7730      7740      7750
CTCGTGCTTT ACGGTATCGC CGCTCCCGAT TCGCAGCGCA TCGCCTTCTA
_____a_____a_[SPLIT]__a_____a_____>
      7760      7770      7780      7790      7800
TCGCCTTCTT GACGAGTTCT TCTGAGCGGG ACTCTGGGGT TCGAAATGAC
_____a_____a_[SPLIT]__a_____a_____>
      7810      7820      7830      7840      7850
CGACCAAGCG ACGCCCAACC TGCCATCACG AGATTTTCGAT TCCACCGCCG
_____a_____a_[SPLIT]__a_____a_____>
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      7860      7870      7880      7890      7900
CCTTCTATGA AAGGTTGGGC TTCGGAATCG TTTTCCGGGA CGCCGGCTGG
_____a_____a_[SPLIT]__a_____a_____>

      7910      7920      7930      7940      7950
ATGATCCTCC AGCGCGGGGA TCTCATGCTG GAGTTCTTCG CCCACCCTAG
_____a_____a_[SPLIT]__a_____a_____>

      7960      7970      7980      7990      8000
GGGGAGGCTA ACTGAAACAC GGAAGGAGAC AATACCGGAA GGAACCCGCG
_____a_____a_[SPLIT]__a_____a_____>

      8010      8020      8030      8040      8050
CTATGACGGC AATAAAAAGA CAGAATAAAA CGCACGGTGT TGGGTCGTTT
_____a_____a_[SPLIT]__a_____a_____>

      8060      8070      8080      8090      8100
GTTTCATAAAC GCGGGGTTCG GTCCCAGGGC TGGCACTCTG TCGATACCCC
_____a_____a_[SPLIT]__a_____a_____>

      8110      8120      8130      8140      8150
ACCGAGACCC CATTGGGGCC AATACGCCCC CGTTTCTTCC TTTTCCCCAC
_____a_____a_[SPLIT]__a_____a_____>

      8160      8170      8180      8190      8200
CCCCCCCCC AAGTTCGGGT GAAGGCCCAG GGCTCGCAGC CAACGTCGGG
_____a_____a_[SPLIT]__a_____a_____>

      8210      8220      8230      8240      8250
GCGGCAGGCC CTGCCATAGC CTCAGGTTAC TCATATATAC TTTAGATTGA
_____a_____a_[SPLIT]__a_____a_____>

      8260      8270      8280      8290      8300
TTTAAACTT CATTTTTAAT TTAAAAGGAT CTAGGTGAAG ATCCTTTTTG
_____a_____a_[SPLIT]__a_____a_____>

      8310      8320      8330      8340      8350
ATAATCTCAT GACCAAATC CCTTAACGTG AGTTTTTCGT CCACTGAGCG
_____a_____a_[SPLIT]__a_____a_____>

      8360      8370      8380      8390      8400
TCAGACCCCG TAGAAAAGAT CAAAGGATCT TCTTGAGATC CTTTTTTTCT
_____a_____a_[SPLIT]__a_____a_____>

      8410      8420      8430      8440      8450
GCGCGTAATC TGCTGCTTGC AAACAAAAAA ACCACCGCTA CCAGCGGTGG
_____a_____a_[SPLIT]__a_____a_____>

      8460      8470      8480      8490      8500
TTTGTTTGCC GGATCAAGAG CTACCAACTC TTTTCCGAA GGTAAGTGGC
_____a_____a_[SPLIT]__a_____a_____>

      8510      8520      8530      8540      8550
TTCAGCAGAG CGCAGATACC AAATACTGTC CTTCTAGTGT AGCCGTAGTT
_____a_____a_[SPLIT]__a_____a_____>

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      8560      8570      8580      8590      8600
AGGCCACCAC TTCAAGAACT CTGTAGCACC GCCTACATAC CTCGCTCTGC
_____a_____a_[SPLIT]__a_____a_____>

      8610      8620      8630      8640      8650
TAATCCTGTT ACCAGTGGCT GCTGCCAGTG GCGATAAGTC GTGTCTTACC
_____a_____a_[SPLIT]__a_____a_____>

      8660      8670      8680      8690      8700
GGGTTGGACT CAAGACGATA GTTACCGGAT AAGGCGCAGC GGTCGGGCTG
_____a_____a_[SPLIT]__a_____a_____>

      8710      8720      8730      8740      8750
AACGGGGGGT TCGTGCACAC AGCCCAGCTT GGAGCGAACG ACCTACACCG
_____a_____a_[SPLIT]__a_____a_____>

      8760      8770      8780      8790      8800
AACTGAGATA CCTACAGCGT GAGCTATGAG AAAGCGCCAC GCTTCCCGAA
_____a_____a_[SPLIT]__a_____a_____>

      8810      8820      8830      8840      8850
GGGAGAAAGG CGGACAGGTA TCCGGTAAGC GGCAGGGTCG GAACAGGAGA
_____a_____a_[SPLIT]__a_____a_____>

      8860      8870      8880      8890      8900
GCGCACGAGG GAGCTTCCAG GGGGAAACGC CTGGTATCTT TATAGTCCTG
_____a_____a_[SPLIT]__a_____a_____>

      8910      8920      8930      8940      8950
TCGGGTTTTG CCACCTCTGA CTTGAGCGTC GATTTTTGTG ATGCTCGTCA
_____a_____a_[SPLIT]__a_____a_____>

      8960      8970      8980      8990      9000
GGGGGGCGGA GCCTATGGAA AAACGCCAGC AACGCGGCCT TTTTACGGTT
_____a_____a_[SPLIT]__a_____a_____>

      9010      9020      9030      9040      9050
CCTGGCCTTT TGCTGGCCTT TTGCTCACAT GTTCTTTCCT GCGTTATCCC
_____a_____a_[SPLIT]__a_____a_____>

      9060      9070      9080
CTGATTCTGT GGATAACCGT ATTACGCCA TGCAT
_____a_____a_[SPLIT]__a_____a_____>

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