

PhoenixTemp24320.tmp.txt  
SEQUENCE LISTING

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## PhoenixTemp24320.tmp.txt

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| aactacagaa  | aataaacttg  | ttgatcacga | taattttcaa | gttttaaaca  | aggatatatt  | 3780 |
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| gcatggcatg | aaaccagcca  | aatgaatcaa  | taagtgtccc  | catcaatatt | cgacccaaaa | 7260 |
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| tatacattgt | ttctccttta  | aataagtgtt  | tttacagctt  | ttataaaagc | tgggattttt | 7620 |
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PhoenixTemp24320.tmp.txt

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## PhoenixTemp24320.tmp.txt

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| ggcttcagat | tgtcatccac | gttcatgtca  | atcgttccct  | tgatataaat | gatttttggc | 420  |
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| ttaatgtcat | gataataatg | gtttcttaga  | cgtcagggtg  | cacttttcgg | ggaaatgtgc | 720  |
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| aataaccctg | ataaatgctt | caataatatt  | gaaaaaggaa  | gagtatgagt | attcaacatt | 840  |
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| tagactggat | ggaggcggat | aaagttgcag  | gaccacttct  | gcgctcggcc | cttcgggctg | 1500 |
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## PhoenixTemp24320.tmp.txt

|             |             |            |            |            |             |      |
|-------------|-------------|------------|------------|------------|-------------|------|
| aggcggacag  | gtatccggt   | agcggcaggg | tcggaacagg | agagcgacg  | agggagcttc  | 2340 |
| cagggggaaa  | cgcttggtat  | ctttatagtc | ctgtcgggtt | tcgccacctc | tgacttgagc  | 2400 |
| gtcgattttt  | gtgatgctcg  | tcaggggggc | ggagcctatg | gaaaaacgcc | agcaacgcgg  | 2460 |
| cccgcactcg  | agctggatac  | ttcccgtccg | ccagggggac | atgccggcga | tgctgaaggt  | 2520 |
| cgcgcgcat   | cccgatgaag  | aggccgggta | ccgcctgttt | gaggatatag | taatctttct  | 2580 |
| aaatagcttt  | ggattggagg  | agtatgggga | gatcagggaa | tgagtttata | aaataaaaaa  | 2640 |
| agcacctgaa  | aagggtgtctt | tttttgatgg | ttttgaactt | gttctttctt | atcttgatac  | 2700 |
| atatagaaat  | aacgtcattt  | ttattttagt | tgctgaaagg | tcggttgaag | tggttggtatg | 2760 |
| tatgtgtttt  | aaagtattga  | aaacccttaa | aattgggtgc | acagaaaaac | cccattctgtt | 2820 |
| aaagttataa  | gtgactaaac  | aaataactaa | atagatgggg | gtttctttta | atattatgtg  | 2880 |
| tcctaatagt  | agcattttatt | cagatgaaaa | atcaaggggt | ttagtggaac | agacaaaaag  | 2940 |
| tggaaaagt   | agaccatgat  | gcttaggaag | acgagttatt | aatagctgaa | taagaacggt  | 3000 |
| gctctccaaa  | tattcttatt  | tagaaaagca | aatctaaaat | tatctgaaaa | gggaatgaga  | 3060 |
| atagtgaatg  | gaccaataat  | aatgactaga | gaagaaagaa | tgaagattgt | tcatgaaatt  | 3120 |
| aaggaacgaa  | tattggataa  | atatggggat | gatgttaagg | ctattggtgt | ttatggctct  | 3180 |
| cttggctgct  | agactgatgg  | gccctattcg | gatattgaga | tgatgtgtgt | catgtcaaca  | 3240 |
| gaggaagcag  | agttcagcca  | tgaatggaca | accggtgagt | ggaaggtgga | agtgaatttt  | 3300 |
| gatagcgaag  | agattctact  | agattatgca | tctcaggtgg | aatcagattg | gccgcttaca  | 3360 |
| catggtcaat  | ttttctctat  | tttgccgatt | tatgattcag | gtggataact | agagaaagt   | 3420 |
| tatcaaaactg | ctaaatcggg  | agaagcccaa | acgttccacg | atgagatttg | tgcccttatc  | 3480 |
| gtagaagagc  | tgtttgaata  | tgcaggcaaa | tggcgtaata | ttcgtgtgca | aggaccgaca  | 3540 |
| acatttctac  | catccttgac  | tgtacaggta | gcaatggcag | gtgccatggt | gattggctctg | 3600 |
| catcatcgca  | tctgtttatac | gacgagcgct | tcggtcttaa | ctgaagcagt | taagcaatca  | 3660 |
| gatcttcctt  | caggttatga  | ccatctgtgc | cagttcgtaa | tgtctggtca | actttccgac  | 3720 |
| tctgagaaac  | ttctggaatc  | gctagagaat | ttctggaatg | ggattcagga | gtggacagaa  | 3780 |
| cgacacggat  | atatagtggg  | tgtgtcaaaa | cgcataccat | tttgaacgat | gacctcta    | 3840 |
| aattgttaat  | catgttgggt  | acgtatttat | taacttctcc | tagtattagt | aattatcagc  | 3900 |
| ggccccacta  | atactaagtt  | cagctaataa | aaaaatttgc | taaagaactc | cagctggatt  | 3960 |
| tcactgatga  | gaatatcgct  | ggagataaat | ataataattc | cacggactat | agactatact  | 4020 |
| agtatactcc  | gtctactgta  | cgatacactt | ccgctcaggt | ccttgctcct | taacgaggat  | 4080 |
| tgttaccgac  | taagaaaatg  | ccgtcaaata | cgctcgccat | gacttcacgt | cgacccgcac  | 4140 |
| ccgcttgatt  | tataacattt  | gatttcacat | tagcagaagc | atcaatcgat | ccatgcagag  | 4200 |
| acggcgtcca  | gccgacagaa  | gagctcagcc | cgtttgcagc | cgatgcgttg | atctgtgtgc  | 4260 |
| cgttcagcaa  | cgtgccggag  | tcatataaag | ccgttcccc  | gctgaatacg | ctgatcgttt  | 4320 |

## PhoenixTemp24320.tmp.txt

|  |      |
|--|------|
| tagcagctga cagtcccggg acgtcaatga cattgttttg ggcataagatt ttagatgact | 4380 |
| ttccgattcc ccatgcatag ctaaaaggat aacttgaaga gcttgtgctt cttcataat   | 4440 |
| agttgttgta tacgtgcact tgcccgaagc ggactctcgg cgcgcgctgg acaatatattt | 4500 |
| tatagcgggt atgatgcagc gtaattttta atttgccgtc atcggagggtt ttgctgtcac | 4560 |
| ttgatccgaa aatggagctt ttatcatgat cgtgataata gttgtaggac atcgtgatat  | 4620 |
| agttagcacc gttggaagca tccgtttggc cgtcatggtg ctgatatattt cttcataat  | 4680 |
| atttcggtga tgtgtgtgcc ggacgcgaac cgtgtcggcg atataggcg cagcaaccgc   | 4740 |
| acctgtggcg ccggtgatgc cgccacgat gcgtccggcg tagaggatct ggagctgtaa   | 4800 |
| tataaaaacc ttcttcaact aacggggcag gttagtgaac ttagaaaacc gactgtaaaa  | 4860 |
| agtacagtcg gcattatctc atattataaa agccagtcac taggcctatc tgacaattcc  | 4920 |
| tgaatagagt tcataaacia tcctgcatga taaccatcac aaacagaatg atgtacctgt  | 4980 |
| aaagatagcg gtaaatatat tgaattacct ttattaatga attttcctgc tgtaataatg  | 5040 |
| ggtagaaggt aattactatt attattgata ttttaagttaa acccagtaaa tgaagtccat | 5100 |
| ggaataatag aaagagaaaa agcattttca ggtatagggtg ttttgggaaa caatttcccc | 5160 |
| gaaccattat atttctctac atcagaaaagg tataaatcat aaaactcttt gaagtcattc | 5220 |
| tttacaggag tccaaatacc agagaatggt ttagatacac catcaaaaat tgtataaagt  | 5280 |
| ggctctaact tatcccaata acctaactct ccgtcgctat tgtaaccagt tctaaaagct  | 5340 |
| gtatttgagt ttatcacctt tgtcactaag aaaataaatg cagggtaaaa tttatatcct  | 5400 |
| tcttgtttta tgtttcggta taaaacacta atatcaattt ctgtgggttat actaaaagtc | 5460 |
| gtttgttggt tcaaataatg attaaatatc tcttttctct tccaattgtc taaatcaatt  | 5520 |
| ttattaaagt tcatttgata tgcctcctaa atttttatct aaagtgaatt taggaggctt  | 5580 |
| acttgtctgc tttcttcatt agaataaatc cttttttaaa agtcaatatt actgtaacat  | 5640 |
| aaatatatat tttaaaaata tccacttta tccaattttc gtttggtgaa ctaatgggtg   | 5700 |
| ctttagttga agaataaaga ccacattaaa aaatgtggtc ttttggtgtt ttttaaagga  | 5760 |
| tttgagcgta gcgaaaaatc cttttctttc ttatcttgat aataagggtg actattgccg  | 5820 |
| atgataagct gtcaaacatg agaattggcc ttaagggcct gct                    | 5863 |

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 <211> 25  
 <212> DNA  
 <213> Artificial sequence

<220>  
 <223> Primer Cat,aa49,forw

|                             |    |
|-----------------------------|----|
| <400> 7                     |    |
| ccattattaa tgaattttcc tgctg | 25 |

<210> 8  
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PhoenixTemp24320.tmp.txt

<220>  
 <223> Primer GFP,aa17,rev  
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<210> 9  
 <211> 39  
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<220>  
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