Samples: 17093
Bases: 1442
Average spacing: 12

- - - - - - - - T T T C G G G C T T T G T T A G C A G C C G G A T C T C A G T G G T G G T G G T G G T G G T G C T C G A G G C T G C C G A A A C C A T T T T T G G C C A T C

A T T T G T T T A A A C C A C A G T G C G C T C T G T T T C G G G G T G C G T T C T T G G G T T T C A T A G T T G A T G T G G A C A A T A C C A A A A C G T T T G

C T A T A A C C C C A T G C C C A T T C A A A G T T A T C C A G A A A G C T C C A A A C A A A A T A A C C T T T C A G C T G G C C A C C T T C T T C G A T A A A G C G

G T G G C A G G C T T T C A G A T G T T C T T C A A T A T A A C C A T G A C G A C C G G T A T C T T C G A T C T G A C C A T T A A C C A G T T C A T C A C G C A T T G C

T G C A C C A T T T T C G G T A A T C A G G A T C G G C A G A C C T T T G C T A A A A T C T T T T T C A A T G C G G G T C A G C A G T T T A T A G A A G C T T T C C G G

A T G A A T T T C C C A A C C C A T A T C G G T A A C C G G T T C T T C C A T G T G A A C C T G T T C A A C T T G C A G C A G G C T T G C A T C A T T G G T G C T G C G

510 520 530 540 550 560 570 580 590
A A T A A T G C T A C G G G T A T A A T A G T T A A T G C C C A G A A A A T C A C C T G G C T G C T G A A T C A G T T C C A T A T C A C C A G G C T G A A C A A A T

600 610 620 630 640 650 660 670
C C A G A C C A T T C A G A T A G G T G C C A T A C C A T T C C A C C A T A T C T T C A G G A T A T T T A C C A T T G A A C A G C G G T T C T G C A A A C C A A C G A T

680 690 700 710 720 730 740 750
T G A T A A A A C C A T C A C G A C G A A T T G C T G C G G C A A C A T C T T C C G G A C G T T C G C T T G C T G C A T C A A C A T G T T C C A T A T T C A G G G T A

760 770 780 790 800 810 820 830 840
A T G C C A A T T T T A C C G G T C A G A C C T T T T T C T T T A T G C A G G T T G C T T G C A A T A C C A T G A C A C A T C A G A A T A T G A T G T G C T G C G G T

850 860 870 880 890 900 910 920
A A A T G C T T C A C G C C A A T T T T C A T G A C C C G G T G C A T G T T C A C C G G T G C - - A - - C C - - - A A - G - - C T T G C - - A - T A C G G T T C C - T A G - G

930 940 950 960 970 980 990 1000 1010
G - T - T T C - A C C A A T T A A T A C G T T C A C C A A A A C G A T C C A T G A T A A C G C T G G C A T A G G T T T - G A A A T G C T G A - G G - T T - A - - C T G G G

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- C - A A C C G C C T T C A T - T T C A - C - C T G C G G C A G A T C C - - - - - - - GG G -- G _ C _ G - - - C G G - T C - G A C T - C C - TT C A T T - C - C C - G

C A - - - C - C - A A - - - - A A C C T C T T - T G A A A - C T G - - - - G - - - - - - G G C C T - - - - - A A - - - - - A A A - C - - - G

T - C - - - - C - - - - - - T T - A - - T G - - - - - - C - G G - - - - - C - - - - - C - - T T T - C C G G - - - - - - - - - C - - - - - G G G - - C C

- - T - - - - G C - - - - - - C - - - - - - - T - - - C - - - G - - - - - G G - A A T G - G - - - - - - T - - - - T G T

- - - - - - - C A - - - A - - C C - - - - - - - - C - A - - - - - - - - - - - -