

1501	gaacgtggactccaacgtcaaaaggcggaaaaaccgctctatcaggcgatggccactacgtgaaccatcacccctaacaagttttttggggctcgaggtgc	1600
	1610 1620 1630 1640 1650 1660 1670 1680 1690 1700	
1601	cgtaaaagcactaaatcggaaccctaaagggaagccccgatttagagcttgacggggaaagccggcggaacgtggcgagaaaggaagggaagaagcgaaag	1700
	1710 1720 1730 1740 1750 1760 1770 1780 1790 1800	
1701	gagcggggcgctaggcgctggcaagtgtagcgggtcacgctgcgcgtaaccaccacaccgcgcgcttaatgcgcgctacaggggcgctcaggtgggcac	1800
	1810 1820 1830 1840 1850 1860 1870 1880 1890 1900	
1801	ttttcgggggaaatgtgcgcggaacccctatttgtttatttttctaatacatctcaaatatgtatccgctcatgagacaataaacctgataaatgtctcaa	1900
	1910 1920 1930 1940 1950 1960 1970 1980 1990 2000	
1901	taatattgaaaaaggaagagtcctgagcggaagaaaccagctgtggaatgtgtgcagttagggtgtggaagtcgccaggtcccccagcaggcagagaag	2000
	2010 2020 2030 2040 2050 2060 2070 2080 2090 2100	
2001	tatgcaaagcatgcatctcaattagtacgaaccagggtgtggaaagtccccaggctccccagcaggcagaagtatgcaaagcatgcatctcaattagtca	2100
	2110 2120 2130 2140 2150 2160 2170 2180 2190 2200	
2101	gcaaccatagtgctcccgccctaactccgcccatactccgcccaggttcgcccattctccgcccattggctgactaatTTTTTTTatttatg	2200
	2210 2220 2230 2240 2250 2260 2270 2280 2290 2300	
2201	cagaggccgaggccgctcggcctctgagctattccagaagtagtgaggaggcttttttgaggcgctaggcttttgcaaagatcgatcaagagacaggat	2300
	2310 2320 2330 2340 2350 2360 2370 2380 2390 2400	
2301	gaggatcgtttcgcatgattgaacaagatggattgcacgcaggttctccggcgcttggtggagaggtatttcggctatgactgggcacacagacaat	2400
	kan r / Neo r	
	2410 2420 2430 2440 2450 2460 2470 2480 2490 2500	
2401	cggtcgtctctgatgcgcgcgtgttcggctgtcagcgcaggggcgcccgtttctttttgtcaagaccgaacctgtccggtgccctgaatgaactgcaagac	2500
	kan r / Neo r	
	2510 2520 2530 2540 2550 2560 2570 2580 2590 2600	
2501	gaggcagcgcggtcatcgtggctggccacgacggcgcttccttgcgagctgtgctcgacgttgctcactgaagcggaaggagctggctgctattggcg	2600
	kan r / Neo r	
	2610 2620 2630 2640 2650 2660 2670 2680 2690 2700	
2601	aagtgcggggcgaggatctcctgtcatctcaccttgctcctgccgagaagtatccatcatggctgatgcaatgcggcggtgcatacgcttgatccgc	2700
	kan r / Neo r	
	2710 2720 2730 2740 2750 2760 2770 2780 2790 2800	
2701	tacctgccatttcgaccaccaagcgaaacatcgcatcgagcgagcacgtactcgatggaagccggtcttgtcgatcaggatgatctggacgaagagcat	2800
	kan r / Neo r	
	2810 2820 2830 2840 2850 2860 2870 2880 2890 2900	
2801	caggggctcgcgccagcggaactgttcgccagggtcaaggcgagcatgcccgacggcgaggatctcgtcgtgacccatggcgatgcctgcttgccgaata	2900
	kan r / Neo r	
	2910 2920 2930 2940 2950 2960 2970 2980 2990 3000	
2901	tcattggtggaaatggcgcgttttttggttcacatcgactgtggccggtgggtgtggcgaccgctatcaggacatagcgttggtaccctgatattgc	3000
	kan r / Neo r	
	3010 3020 3030 3040 3050 3060 3070 3080 3090 3100	
3001	tgaagagcttgcgggcgaatgggctgaccgcttcctcgtgctttacggtatcgccgctcccgattcgacgcgcgccttctatcgctcttcttgacga	3100
	kan r / Neo r	
	3110 3120 3130 3140 3150 3160 3170 3180 3190 3200	
3101	ttcttctgagcgggactctggggttcgaaatgaccgaccaagcgacgcccaacctgccatcacgagatttcgattccaccgcgccttctatgaaaggtt	3200
	kan r / Neo r	
	3210 3220 3230 3240 3250 3260 3270 3280 3290 3300	
3201	gggtcttcggaatcgttttccgggacgcgggtggatgatcctccagcgcggggatctcatgctggagtctcttcgcccaccctagggggaaggtaactgaa	3300
	3310 3320 3330 3340 3350 3360 3370 3380 3390 3400	

```

      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3301 acacggaaggagacaataaccggaaggaacccgcgctatgacggcaataaaaagacagaataaaacgcacggtgttggtcggtttgttcataaacgcgggg 3400
      3410      3420      3430      3440      3450      3460      3470      3480      3490      3500
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3401 ttcggtcccagggtggcactctgtcgataccccaccgagaccccatggggccaatacgcgccggtttcttctcttttccccaccccccccccaagttc 3500
      3510      3520      3530      3540      3550      3560      3570      3580      3590      3600
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3501 ggggtgaaggcccagggtcgagccaacgtcggggcggcaggccctgccatagcctcaggttactcatatatacttttagattgatttaaaacttcatttt 3600
      3610      3620      3630      3640      3650      3660      3670      3680      3690      3700
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3601 taatttaaaaggatctagggtgaagatcctttttgataatctcatgaccaaatacccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaa 3700
      3710      3720      3730      3740      3750      3760      3770      3780      3790      3800
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3701 agatcaaaggatcttcttgagatccttttttctgcgcgtaactctgctgcttgcaacaaaaaaaccaccgctaccagcggtggtttgtttgccggatca 3800
      3810      3820      3830      3840      3850      3860      3870      3880      3890      3900
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3801 agagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgtccttctagtgtagccgtagttaggccaccacttcaag 3900
      3910      3920      3930      3940      3950      3960      3970      3980      3990      4000
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
3901 aactctgtagcaccgcctacatacctcgtctgctaatacctgttaccagtggctgctgccagtgccgataagtcgtgtcttaccgggttgactcaagac 4000
      4010      4020      4030      4040      4050      4060      4070      4080      4090      4100
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
4001 gatagttaccggataaaggcgcagcggtcgggctgaacgggggggttcgtgcacacagcccagcttgagagcgaacgacctacaccgaactgagatacctaca 4100
      4110      4120      4130      4140      4150      4160      4170      4180      4190      4200
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
4101 gcgtgagctatgagaaaagcgccacgcttccccgaaggaggagaaaggcggacaggtatccggtaagcggcaggggtcggaacaggagagcgcacgagggagctt 4200
      4210      4220      4230      4240      4250      4260      4270      4280      4290      4300
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
4201 ccagggggaaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcagggggcgaggcctat 4300
      4310      4320      4330      4340      4350      4360      4370      4380      4390      4400
      *   *   *   *   *   *   *   *   *   *   *   *   *   *   *   *
4301 ggaaaaacgccagcaacgcggcctttttacggttccttgcccttttctgctggccttttctcacatgttctttcctgcgttatccctgattctgtggataa 4400
      4410
      *   *   *
4401 ccgtattaccgcatgcat 4419

```