Results in pali_out.txt

level: 1

madam: 1

radar: 1

noon: 1

1234321: 1

Results in chr22_output.txt

PpuMI cuts at position 2884: AGGATCCC

PpuMI cuts at position 2933: GGGTTCCC

PpuMI cuts at position 4102: ATGTTCCC

PpuMI cuts at position 5657: GGGAACCC

PpuMI cuts at position 6144: GTGTTCCT

PpuMI cuts at position 8495: GTGAACCT

PpuMI cuts at position 9030: ATGATCCC

PpuMI cuts at position 9345: AGGAACCC

PpuMI cuts at position 9547: AGGATCCT

PpuMI cuts at position 11974: AGGTTCCC

PpuMI cuts at position 13471: AGGTACCT

PpuMI cuts at position 15193: GTGAACCT

PpuMI cuts at position 16418: GTGTTCCC

PpuMI cuts at position 18897: GGGTTCCC

PpuMI cuts at position 20851: GGGTTCCT

PpuMI cuts at position 20894: GGGTTCCT

PpuMI cuts at position 25392: AGGATCCT

PpuMI cuts at position 25993: GGGATCCT

PpuMI cuts at position 29914: ATGATCCC

PpuMI cuts at position 30414: AGGATCCC

PpuMI cuts at position 36377: AGGAACCT

PpuMI cuts at position 36740: AGGAACCC

PpuMI cuts at position 39156: AGGATCCC

PpuMI cuts at position 44106: AGGTACCT

PpuMI cuts at position 44592: GTGATCCC

PpuMI cuts at position 51031: ATGATCCC

PpuMI cuts at position 55179: GTGTTCCC

PpuMI cuts at position 57944: ATGTTCCC

PpuMI cuts at position 60717: AGGTTCCT

PpuMI cuts at position 62611: ATGTACCT

PpuMI cuts at position 63128: GTGTTCCC

PpuMI cuts at position 65243: AGGATCCT

PpuMI cuts at position 69598: AGGAACCT

PpuMI cuts at position 70271: ATGATCCT

PpuMI cuts at position 70799: GTGTTCCC

PpuMI cuts at position 73001: AGGATCCT

PpuMI cuts at position 74189: GGGTTCCT

PpuMI cuts at position 74329: ATGTTCCC

PpuMI cuts at position 74337: AGGATCCC

PpuMI cuts at position 79140: AGGATCCT

PpuMI cuts at position 81369: ATGTTCCC

PpuMI cuts at position 83597: GGGAACCC

PpuMI cuts at position 88465: GTGATCCC

PpuMI cuts at position 90047: ATGATCCT

PpuMI cuts at position 90202: ATGTACCC

PpuMI cuts at position 90636: GTGTACCT

PpuMI cuts at position 92388: AGGATCCT

PpuMI cuts at position 93399: ATGATCCC

PpuMI cuts at position 95600: AGGAACCT

PpuMI cuts at position 95758: GGGTTCCT

PpuMI cuts at position 97328: ATGAACCT

PpuMI cuts at position 97551: GTGTACCC

PpuMI cuts at position 99029: GTGTTCCT

PpuMI cuts at position 99227: GGGATCCC

PpuMI cuts at position 101109: AGGTACCC

PpuMI cuts at position 103710: GGGTACCT

PpuMI cuts at position 105619: GGGATCCT

PpuMI cuts at position 111376: GGGAACCC

PpuMI cuts at position 111547: AGGATCCC

PpuMI cuts at position 116325: ATGTTCCC

PpuMI cuts at position 118103: AGGATCCT

PpuMI cuts at position 118283: AGGTACCT

PpuMI cuts at position 118731: GTGATCCT

PpuMI cuts at position 121204: GTGATCCT

PpuMI cuts at position 123574: AGGTTCCT

PpuMI cuts at position 124126: GGGATCCT

PpuMI cuts at position 124609: GTGAACCC

PpuMI cuts at position 129259: GGGAACCT

PpuMI cuts at position 132130: GTGAACCT

PpuMI cuts at position 132891: GGGTACCC

PpuMI cuts at position 133738: ATGATCCC

PpuMI cuts at position 135214: AGGAACCT

PpuMI cuts at position 136140: AGGATCCC

PpuMI cuts at position 136157: GGGATCCC

PpuMI cuts at position 137283: AGGTACCC

PpuMI cuts at position 138305: AGGTTCCT

PpuMI cuts at position 139588: AGGTACCT

PpuMI cuts at position 141911: AGGATCCT

PpuMI cuts at position 142724: ATGAACCT

PpuMI cuts at position 143419: GGGTTCCC

PpuMI cuts at position 146336: AGGTTCCC

PpuMI cuts at position 147541: ATGTACCT

PpuMI cuts at position 147803: GGGAACCC

PpuMI cuts at position 149440: AGGTTCCT

PpuMI cuts at position 150127: GGGAACCC

PpuMI cuts at position 158177: GTGATCCT

PpuMI cuts at position 158235: GTGAACCT

PpuMI cuts at position 161781: ATGTACCT

PpuMI cuts at position 162976: GGGTACCC

PpuMI cuts at position 162995: GTGATCCT

PpuMI cuts at position 164922: AGGTACCT

PpuMI cuts at position 165208: GTGATCCC

PpuMI cuts at position 170286: GGGAACCC

PpuMI cuts at position 170332: GGGTTCCT

PpuMI cuts at position 175295: AGGTTCCC

PpuMI cuts at position 176770: AGGTACCC

PpuMI cuts at position 176952: AGGTTCCT

PpuMI cuts at position 177890: GGGATCCC

PpuMI cuts at position 179821: GTGATCCC

PpuMI cuts at position 180042: GGGTTCCC

PpuMI cuts at position 181161: ATGTTCCT

PpuMI cuts at position 181875: ATGAACCC

PpuMI cuts at position 185381: GGGATCCT

PpuMI cuts at position 185642: GGGAACCC

PpuMI cuts at position 188314: GGGTTCCC

PpuMI cuts at position 189170: GTGATCCT

PpuMI cuts at position 189976: AGGAACCT

PpuMI cuts at position 190407: ATGAACCC

PpuMI cuts at position 192263: AGGATCCT

PpuMI cuts at position 196463: AGGATCCC

PpuMI cuts at position 202127: GGGTTCCT

PpuMI cuts at position 204826: GGGATCCT

PpuMI cuts at position 205674: AGGATCCC

PpuMI cuts at position 205808: AGGTTCCT

PpuMI cuts at position 206939: AGGTTCCC

PpuMI cuts at position 208118: ATGATCCC

PpuMI cuts at position 209335: GTGATCCT

PpuMI cuts at position 210265: GTGATCCT

PpuMI cuts at position 213984: GTGTACCC

PpuMI cuts at position 214665: AGGTTCCC

PpuMI cuts at position 214708: ATGAACCT

PpuMI cuts at position 217828: AGGTTCCC

PpuMI cuts at position 221552: AGGTTCCC

PpuMI cuts at position 221616: GGGTTCCT

PpuMI cuts at position 222833: GTGATCCT

PpuMI cuts at position 224621: AGGTACCC

PpuMI cuts at position 225692: AGGTACCC

PpuMI cuts at position 227122: GGGATCCC

PpuMI cuts at position 229984: GGGAACCC

PpuMI cuts at position 231624: ATGATCCC

PpuMI cuts at position 235137: AGGAACCT

PpuMI cuts at position 236194: AGGTACCC

PpuMI cuts at position 238244: GGGATCCT

PpuMI cuts at position 238622: ATGATCCC

PpuMI cuts at position 239107: GGGTTCCT

PpuMI cuts at position 241548: GTGTACCC

PpuMI cuts at position 242752: ATGTTCCT

PpuMI cuts at position 248050: AGGATCCT

PpuMI cuts at position 253688: ATGTTCCC

PpuMI cuts at position 256138: AGGATCCC

PpuMI cuts at position 263358: ATGTACCC

PpuMI cuts at position 265741: GGGATCCC

PpuMI cuts at position 272570: GGGATCCC

PpuMI cuts at position 272641: GGGAACCT

PpuMI cuts at position 274209: GGGAACCT

PpuMI cuts at position 274334: GTGTACCC

PpuMI cuts at position 274461: ATGTTCCT

PpuMI cuts at position 274823: AGGAACCT

PpuMI cuts at position 276111: GTGATCCT

PpuMI cuts at position 279670: GGGTACCC

PpuMI cuts at position 280636: GGGAACCC

PpuMI cuts at position 282615: GTGTTCCT

PpuMI cuts at position 283366: GGGATCCT

PpuMI cuts at position 284449: GGGTTCCC

PpuMI cuts at position 284997: GTGTACCC

PpuMI cuts at position 285792: AGGATCCC

PpuMI cuts at position 286464: GGGAACCC

PpuMI cuts at position 286775: GGGTTCCC

PpuMI cuts at position 287891: ATGATCCC

PpuMI cuts at position 288464: ATGTACCC

PpuMI cuts at position 289208: GGGTTCCC

PpuMI cuts at position 289994: AGGAACCT

PpuMI cuts at position 293745: GGGAACCC

PpuMI cuts at position 299791: GGGTTCCT

PpuMI cuts at position 300270: GGGAACCC

PpuMI cuts at position 301206: AGGAACCT

PpuMI cuts at position 301656: ATGAACCC

PpuMI cuts at position 305199: AGGAACCC

PpuMI cuts at position 305446: AGGATCCC

PpuMI cuts at position 316975: ATGATCCC

PpuMI cuts at position 317120: ATGTTCCC

PpuMI cuts at position 317998: GGGTTCCT

PpuMI cuts at position 318129: ATGTACCC

PpuMI cuts at position 320184: AGGTACCT

PpuMI cuts at position 322572: GGGTTCCT

PpuMI cuts at position 323107: GTGTTCCT

PpuMI cuts at position 324540: AGGATCCT

PpuMI cuts at position 324917: GGGTTCCC

PpuMI cuts at position 326401: GGGATCCT

PpuMI cuts at position 328716: AGGTTCCT

PpuMI cuts at position 328819: AGGTTCCC

PpuMI cuts at position 332164: ATGAACCC

PpuMI cuts at position 332727: GTGAACCC

PpuMI cuts at position 333819: ATGTACCT

PpuMI cuts at position 333938: ATGAACCT

PpuMI cuts at position 334518: ATGAACCT

PpuMI cuts at position 334578: ATGATCCC

PpuMI cuts at position 336232: ATGAACCT

PpuMI cuts at position 337925: GTGAACCT

PpuMI cuts at position 340638: GTGTTCCT

PpuMI cuts at position 340743: AGGAACCC

PpuMI cuts at position 341490: GTGAACCT

PpuMI cuts at position 342316: AGGAACCC

PpuMI cuts at position 342992: AGGATCCC

PpuMI cuts at position 343860: ATGAACCC

PpuMI cuts at position 347064: GTGTTCCT

PpuMI cuts at position 351444: AGGTTCCT

PpuMI cuts at position 351809: GTGAACCC

PpuMI cuts at position 351891: GTGTTCCC

PpuMI cuts at position 353862: AGGATCCT

PpuMI cuts at position 353887: GTGATCCC

PpuMI cuts at position 354043: GTGTACCC

PpuMI cuts at position 356903: GGGATCCT

PpuMI cuts at position 357672: GGGATCCT

PpuMI cuts at position 362298: GTGTTCCT

PpuMI cuts at position 363278: ATGAACCT

PpuMI cuts at position 364461: AGGATCCT

PpuMI cuts at position 364504: AGGAACCT

PpuMI cuts at position 365291: AGGATCCT

PpuMI cuts at position 366189: ATGAACCC

PpuMI cuts at position 369497: AGGATCCC

PpuMI cuts at position 369981: AGGATCCC

PpuMI cuts at position 371151: GGGTTCCT

PpuMI cuts at position 372686: GTGAACCC

PpuMI cuts at position 373434: GTGTACCT

PpuMI cuts at position 375124: GTGATCCT

PpuMI cuts at position 375693: AGGATCCT

PpuMI cuts at position 376371: GTGAACCC

PpuMI cuts at position 378096: GTGATCCC

PpuMI cuts at position 378387: GTGATCCT

PpuMI cuts at position 378592: AGGATCCC

PpuMI cuts at position 382548: GGGAACCT

PpuMI cuts at position 382589: GGGATCCC

PpuMI cuts at position 382763: ATGATCCC

PpuMI cuts at position 387260: GGGATCCC

PpuMI cuts at position 388686: GGGTACCT

PpuMI cuts at position 390927: ATGAACCT

PpuMI cuts at position 393381: ATGATCCT

PpuMI cuts at position 394072: ATGATCCT

PpuMI cuts at position 394449: GGGTTCCT

PpuMI cuts at position 397516: AGGATCCC

PpuMI cuts at position 400037: ATGAACCC

PpuMI cuts at position 402381: GTGATCCT

PpuMI cuts at position 405223: AGGTTCCC

PpuMI cuts at position 405536: GGGTTCCT

PpuMI cuts at position 405655: AGGTTCCT

PpuMI cuts at position 409169: GGGAACCC

PpuMI cuts at position 409703: ATGATCCC

PpuMI cuts at position 409836: GGGAACCC

PpuMI cuts at position 411108: ATGTTCCC

PpuMI cuts at position 412033: GTGATCCC

PpuMI cuts at position 412391: GTGAACCT

PpuMI cuts at position 412693: ATGAACCT

PpuMI cuts at position 414615: ATGTTCCC

PpuMI cuts at position 415089: AGGATCCC

PpuMI cuts at position 422964: AGGAACCT

PpuMI cuts at position 423076: AGGTTCCT

PpuMI cuts at position 423209: GTGATCCC

PpuMI cuts at position 426003: ATGATCCC

PpuMI cuts at position 427390: GTGAACCC

PpuMI cuts at position 427875: AGGTTCCT

PpuMI cuts at position 427930: GTGATCCT

PpuMI cuts at position 428904: GGGATCCC

PpuMI cuts at position 429124: AGGAACCT

PpuMI cuts at position 430380: GTGTTCCC

PpuMI cuts at position 432311: AGGATCCC

PpuMI cuts at position 433167: AGGAACCC

PpuMI cuts at position 433288: GGGAACCT

PpuMI cuts at position 433621: ATGTTCCC

PpuMI cuts at position 434218: GTGTTCCC

PpuMI cuts at position 437594: AGGTACCC

PpuMI cuts at position 437629: ATGATCCC

PpuMI cuts at position 438198: AGGTTCCC

PpuMI cuts at position 438268: GGGAACCT

PpuMI cuts at position 438393: GGGTTCCC

PpuMI cuts at position 438977: GGGTTCCT

PpuMI cuts at position 442445: GGGTTCCC

PpuMI cuts at position 443397: GGGATCCT

PpuMI cuts at position 447197: AGGTTCCT

PpuMI cuts at position 448319: AGGTACCT

PpuMI cuts at position 452229: GTGAACCC

PpuMI cuts at position 453056: ATGAACCC

PpuMI cuts at position 455158: GTGTTCCC

PpuMI cuts at position 460442: GGGAACCT

PpuMI cuts at position 461102: AGGTTCCC

PpuMI cuts at position 461621: ATGTTCCC

PpuMI cuts at position 462085: AGGTACCC

PpuMI cuts at position 463223: ATGAACCC

PpuMI cuts at position 466377: AGGTTCCT

PpuMI cuts at position 467294: GTGTACCC

PpuMI cuts at position 468084: GTGTTCCC

PpuMI cuts at position 469017: GTGATCCT

PpuMI cuts at position 469318: ATGAACCC

PpuMI cuts at position 469521: AGGATCCC

PpuMI cuts at position 471406: GGGTTCCT

PpuMI cuts at position 473605: AGGTTCCT

PpuMI cuts at position 479490: ATGTACCT

PpuMI cuts at position 479925: GGGTACCT

PpuMI cuts at position 480792: GGGATCCC

PpuMI cuts at position 482394: GTGAACCC

PpuMI cuts at position 483915: GTGATCCT

PpuMI cuts at position 484221: GTGATCCT

PpuMI cuts at position 484888: AGGATCCC

PpuMI cuts at position 488289: GTGTTCCC

PpuMI cuts at position 488471: GGGTACCC

PpuMI cuts at position 489161: GGGTACCC

PpuMI cuts at position 490912: GTGATCCT

PpuMI cuts at position 492617: GTGTTCCC

PpuMI cuts at position 493764: AGGTTCCC

PpuMI cuts at position 495236: ATGAACCC

PpuMI cuts at position 496144: GTGATCCC

PpuMI cuts at position 497761: GGGTTCCT

PpuMI cuts at position 499020: GTGATCCC

PpuMI cuts at position 499431: AGGAACCT

PpuMI cuts at position 500519: GTGATCCT

PpuMI cuts at position 501177: AGGAACCC

PpuMI cuts at position 502881: GTGATCCT

PpuMI cuts at position 508165: ATGAACCC

PpuMI cuts at position 508299: GTGATCCC

PpuMI cuts at position 508942: GGGTTCCT

PpuMI cuts at position 509289: GGGATCCC

PpuMI cuts at position 509345: GGGTTCCT

PpuMI cuts at position 510094: GTGTACCC

PpuMI cuts at position 510241: AGGTACCT

PpuMI cuts at position 510315: AGGATCCC

PpuMI cuts at position 511034: GGGTTCCT

PpuMI cuts at position 511950: GTGAACCC

PpuMI cuts at position 512876: ATGAACCT

PpuMI cuts at position 514780: GTGATCCC

PpuMI cuts at position 515825: ATGATCCC

PpuMI cuts at position 520410: AGGATCCC

PpuMI cuts at position 521719: GTGATCCT

PpuMI cuts at position 525350: AGGTTCCC

PpuMI cuts at position 525541: GTGTACCC

PpuMI cuts at position 526124: AGGATCCC

PpuMI cuts at position 528697: GGGATCCT

PpuMI cuts at position 528776: ATGAACCT

PpuMI cuts at position 531379: GTGATCCT

PpuMI cuts at position 535961: AGGTACCT

PpuMI cuts at position 536351: GGGTTCCT

PpuMI cuts at position 537580: GTGAACCC

PpuMI cuts at position 539111: ATGTACCC

PpuMI cuts at position 540780: GGGAACCC

PpuMI cuts at position 545512: GGGAACCT

PpuMI cuts at position 546337: GGGTTCCC

PpuMI cuts at position 553831: GGGAACCC

PpuMI cuts at position 555007: ATGAACCC

PpuMI cuts at position 556917: GGGAACCT

PpuMI cuts at position 557446: ATGTTCCT

PpuMI cuts at position 562268: ATGTTCCC

PpuMI cuts at position 563217: GGGTTCCC

PpuMI cuts at position 563880: GTGTTCCT

PpuMI cuts at position 564614: GTGAACCT

PpuMI cuts at position 565575: GTGTACCT

PpuMI cuts at position 565871: AGGTTCCT

PpuMI cuts at position 568927: GGGAACCC

PpuMI cuts at position 570369: ATGAACCT

PpuMI cuts at position 573322: GGGATCCT

PpuMI cuts at position 575965: GTGTTCCT

PpuMI cuts at position 576725: GGGTACCT

PpuMI cuts at position 577396: ATGAACCT

PpuMI cuts at position 579242: GTGATCCC

PpuMI cuts at position 580051: AGGTTCCC

PpuMI cuts at position 580546: GTGATCCC

PpuMI cuts at position 583139: GTGTACCT

PpuMI cuts at position 583547: AGGAACCT

PpuMI cuts at position 584525: GGGAACCC

PpuMI cuts at position 585525: ATGATCCT

PpuMI cuts at position 587098: GTGTACCC

PpuMI cuts at position 587276: GGGATCCT

PpuMI cuts at position 589315: GTGAACCC

PpuMI cuts at position 589597: ATGAACCT

PpuMI cuts at position 591668: GTGAACCC

PpuMI cuts at position 596524: AGGATCCT

PpuMI cuts at position 599957: GTGATCCT

PpuMI cuts at position 601564: GGGAACCT

PpuMI cuts at position 602714: GGGAACCC

PpuMI cuts at position 602763: GTGAACCT

PpuMI cuts at position 603259: GGGAACCC

PpuMI cuts at position 604518: GGGAACCT

PpuMI cuts at position 606492: GGGAACCC

PpuMI cuts at position 607641: GGGTACCC

PpuMI cuts at position 608925: GTGATCCT

PpuMI cuts at position 612525: GTGAACCC

PpuMI cuts at position 612680: GGGAACCT

PpuMI cuts at position 613735: GTGAACCC

PpuMI cuts at position 615501: AGGTACCT

PpuMI cuts at position 619723: GTGAACCT

PpuMI cuts at position 620564: GTGTACCT

PpuMI cuts at position 621219: AGGTACCT

PpuMI cuts at position 622006: AGGAACCT

PpuMI cuts at position 623169: GTGTTCCT

PpuMI cuts at position 624723: AGGTACCT

PpuMI cuts at position 627774: GTGAACCC

PpuMI cuts at position 631219: AGGTTCCT

PpuMI cuts at position 632466: GTGATCCT

PpuMI cuts at position 632776: GGGTTCCT

PpuMI cuts at position 633700: GTGTTCCC

PpuMI cuts at position 636679: GTGTACCT

PpuMI cuts at position 637274: GTGTACCC

PpuMI cuts at position 637525: ATGAACCC

PpuMI cuts at position 638054: GTGAACCC

PpuMI cuts at position 639758: GTGATCCT

PpuMI cuts at position 640478: GTGAACCT

PpuMI cuts at position 643605: GTGTTCCC

PpuMI cuts at position 645349: GTGTTCCT

PpuMI cuts at position 646094: GTGAACCC

PpuMI cuts at position 646543: GGGATCCT

PpuMI cuts at position 646673: GTGATCCT

PpuMI cuts at position 651338: GTGATCCC

PpuMI cuts at position 652045: ATGTACCC

PpuMI cuts at position 657289: GTGAACCC

PpuMI cuts at position 659036: AGGTACCT

PpuMI cuts at position 660828: ATGATCCT

PpuMI cuts at position 663984: GTGAACCT

PpuMI cuts at position 666321: ATGAACCT

PpuMI cuts at position 666657: AGGTACCT

PpuMI cuts at position 667874: GTGAACCC

PpuMI cuts at position 672722: GTGATCCT

PpuMI cuts at position 676057: GGGATCCT

PpuMI cuts at position 677727: ATGTACCC

PpuMI cuts at position 680718: GTGATCCT

PpuMI cuts at position 682822: GTGAACCC

PpuMI cuts at position 683326: ATGATCCC

PpuMI cuts at position 683500: GTGAACCC

PpuMI cuts at position 685022: GTGATCCT

PpuMI cuts at position 688095: AGGATCCT

PpuMI cuts at position 688485: AGGAACCT

PpuMI cuts at position 689145: AGGTTCCT

PpuMI cuts at position 689626: ATGAACCC

PpuMI cuts at position 690019: GTGAACCC

PpuMI cuts at position 691436: GTGTTCCC

PpuMI cuts at position 692458: GTGATCCT

PpuMI cuts at position 693300: ATGATCCC

PpuMI cuts at position 695960: GTGAACCT

PpuMI cuts at position 697865: ATGTACCT

PpuMI cuts at position 699767: ATGAACCC

PpuMI cuts at position 701393: GGGTTCCC

PpuMI cuts at position 701500: AGGATCCT

PpuMI cuts at position 701967: GTGTTCCC

PpuMI cuts at position 704556: AGGATCCT

PpuMI cuts at position 706783: GGGATCCC

PpuMI cuts at position 707024: GTGAACCC

PpuMI cuts at position 707720: ATGTACCC

PpuMI cuts at position 708771: ATGTACCC

PpuMI cuts at position 709940: GTGAACCC

PpuMI cuts at position 710195: AGGATCCT

PpuMI cuts at position 712380: GGGATCCC

PpuMI cuts at position 714745: GTGATCCT

PpuMI cuts at position 717192: AGGAACCC

PpuMI cuts at position 718650: AGGAACCT

PpuMI cuts at position 720845: GTGAACCT

PpuMI cuts at position 721947: GTGAACCC

PpuMI cuts at position 722258: GGGTTCCT

PpuMI cuts at position 730270: GGGAACCC

PpuMI cuts at position 730809: AGGTACCC

PpuMI cuts at position 731721: ATGTTCCC

PpuMI cuts at position 736360: GGGTTCCC

PpuMI cuts at position 736811: GTGAACCC

PpuMI cuts at position 738321: GTGAACCC

PpuMI cuts at position 739046: GTGTTCCT

PpuMI cuts at position 740661: ATGTACCC

PpuMI cuts at position 740950: GGGATCCT

PpuMI cuts at position 742163: AGGATCCC

PpuMI cuts at position 742299: ATGAACCC

PpuMI cuts at position 744287: AGGAACCT

PpuMI cuts at position 744542: AGGTTCCC

PpuMI cuts at position 744958: GGGATCCC

PpuMI cuts at position 745236: GTGTTCCC

PpuMI cuts at position 746178: GTGAACCT

PpuMI cuts at position 746936: AGGAACCT

PpuMI cuts at position 748026: ATGAACCT

PpuMI cuts at position 749081: GGGTTCCT

PpuMI cuts at position 749139: AGGTACCT

PpuMI cuts at position 750544: GTGATCCT

PpuMI cuts at position 751131: ATGAACCC

PpuMI cuts at position 757959: GTGATCCT

PpuMI cuts at position 758115: GTGATCCT

PpuMI cuts at position 762558: AGGATCCT

PpuMI cuts at position 763229: GTGATCCT

PpuMI cuts at position 763511: GTGATCCC

PpuMI cuts at position 764183: AGGTACCC

PpuMI cuts at position 765837: AGGAACCT

PpuMI cuts at position 765888: GTGAACCT

PpuMI cuts at position 768464: GTGATCCC

PpuMI cuts at position 770213: GTGAACCC

PpuMI cuts at position 776299: GTGATCCT

PpuMI cuts at position 776714: GGGTACCT

PpuMI cuts at position 777883: GGGTTCCC

PpuMI cuts at position 779570: GGGATCCT

PpuMI cuts at position 779774: GGGTACCT

PpuMI cuts at position 781525: GGGAACCT

PpuMI cuts at position 782524: GGGAACCT

PpuMI cuts at position 785098: GGGATCCC

PpuMI cuts at position 786800: GGGATCCC

PpuMI cuts at position 786829: GGGAACCC

PpuMI cuts at position 786907: GGGATCCT

PpuMI cuts at position 787481: GTGTTCCC

PpuMI cuts at position 790919: GTGTTCCT

PpuMI cuts at position 791685: ATGTTCCT

PpuMI cuts at position 791819: GTGTTCCC

PpuMI cuts at position 792074: GTGATCCT

PpuMI cuts at position 792758: ATGTTCCC

PpuMI cuts at position 792911: GGGTTCCT

PpuMI cuts at position 793477: AGGATCCT

PpuMI cuts at position 793908: GTGAACCC

PpuMI cuts at position 794193: GGGAACCC

PpuMI cuts at position 799999: GGGATCCC

PpuMI cuts at position 800570: GTGTTCCT

PpuMI cuts at position 803640: ATGATCCC

PpuMI cuts at position 806839: GGGATCCT

PpuMI cuts at position 807115: ATGAACCT

PpuMI cuts at position 807283: GGGAACCT

PpuMI cuts at position 811205: GTGATCCT

PpuMI cuts at position 812320: GTGATCCT

PpuMI cuts at position 815793: AGGTACCT

PpuMI cuts at position 816091: ATGTTCCC

PpuMI cuts at position 816636: GTGTTCCT

PpuMI cuts at position 819466: GTGAACCC

PpuMI cuts at position 821695: GTGATCCT

PpuMI cuts at position 823098: GTGTTCCC

PpuMI cuts at position 825194: ATGTTCCC

PpuMI cuts at position 826458: ATGATCCC

PpuMI cuts at position 828149: GTGTTCCC

PpuMI cuts at position 832101: GTGATCCT

PpuMI cuts at position 833719: AGGATCCT

PpuMI cuts at position 834920: AGGATCCC

PpuMI cuts at position 835869: ATGAACCC

PpuMI cuts at position 836492: AGGAACCT

PpuMI cuts at position 842149: AGGAACCC

PpuMI cuts at position 845924: GGGTTCCC

PpuMI cuts at position 846109: ATGTTCCT

PpuMI cuts at position 848104: ATGATCCT

PpuMI cuts at position 848632: ATGATCCC

PpuMI cuts at position 849382: GGGTACCT

PpuMI cuts at position 850997: GTGTTCCC

PpuMI cuts at position 854417: ATGTTCCT

PpuMI cuts at position 856505: GGGAACCC

PpuMI cuts at position 857714: GGGTTCCT

PpuMI cuts at position 861212: GGGTTCCT

PpuMI cuts at position 862907: GTGATCCT

PpuMI cuts at position 865477: GTGATCCT

PpuMI cuts at position 870023: GGGAACCC

PpuMI cuts at position 871456: GTGTACCC

PpuMI cuts at position 873465: AGGTTCCT

PpuMI cuts at position 876322: GTGTTCCT

PpuMI cuts at position 876967: GTGAACCT

PpuMI cuts at position 878347: GTGTTCCC

PpuMI cuts at position 878486: GGGTTCCT

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PpuMI cuts at position 881776: GGGAACCC

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PpuMI cuts at position 883331: ATGTTCCT

PpuMI cuts at position 883598: AGGAACCT

PpuMI cuts at position 883958: GTGATCCC

PpuMI cuts at position 885415: ATGATCCC

PpuMI cuts at position 886179: GGGATCCC

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PpuMI cuts at position 891493: ATGTACCC

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PpuMI cuts at position 904466: GGGAACCC

PpuMI cuts at position 906078: AGGAACCC

PpuMI cuts at position 906439: ATGAACCC

PpuMI cuts at position 910286: GGGTTCCC

PpuMI cuts at position 910316: GGGATCCT

PpuMI cuts at position 911371: GGGATCCT

PpuMI cuts at position 911863: GGGTACCC

PpuMI cuts at position 913920: AGGATCCC

PpuMI cuts at position 913987: GTGTTCCT

PpuMI cuts at position 918857: GTGATCCT

PpuMI cuts at position 919000: GTGATCCT

PpuMI cuts at position 920365: GGGTTCCT

PpuMI cuts at position 920630: GGGTTCCC

PpuMI cuts at position 922888: GGGATCCC

PpuMI cuts at position 924245: GTGATCCT

PpuMI cuts at position 924811: AGGTACCC

PpuMI cuts at position 925398: GGGAACCT

PpuMI cuts at position 926718: AGGTTCCC

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PpuMI cuts at position 928687: GGGAACCC

PpuMI cuts at position 928913: AGGTACCT

PpuMI cuts at position 931497: GTGATCCT

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PpuMI cuts at position 933637: AGGTACCC

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PpuMI cuts at position 944552: GTGAACCC

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PpuMI cuts at position 945977: GGGATCCT

PpuMI cuts at position 946422: GTGTTCCT

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PpuMI cuts at position 965345: AGGATCCC

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PpuMI cuts at position 969196: ATGTTCCC

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PpuMI cuts at position 972836: GTGTACCC

PpuMI cuts at position 974317: GTGAACCC

PpuMI cuts at position 975847: ATGTTCCT

PpuMI cuts at position 976330: AGGAACCC

PpuMI cuts at position 977310: ATGTTCCC

PpuMI cuts at position 982220: AGGAACCT

PpuMI cuts at position 982858: GTGAACCT

PpuMI cuts at position 988782: GTGTTCCC

PpuMI cuts at position 992044: AGGAACCT

PpuMI cuts at position 992824: AGGTTCCC

PpuMI cuts at position 993495: GTGAACCC

PpuMI cuts at position 994962: AGGTTCCT

PpuMI cuts at position 995396: GGGAACCC

PpuMI cuts at position 996011: AGGTTCCT

PpuMI cuts at position 996021: AGGATCCC

PpuMI cuts at position 998579: GTGATCCT

PpuMI cuts at position 999706: GTGAACCC

PpuMI cuts at position 999817: GGGATCCT

PpuMI cuts at position 1000096: ATGTACCC

PpuMI cuts at position 1000835: ATGAACCT

PpuMI cuts at position 1002621: GTGTTCCC

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PpuMI cuts at position 1018962: GGGATCCC

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PpuMI cuts at position 1019970: GGGAACCT

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PpuMI cuts at position 1021786: GTGATCCT

PpuMI cuts at position 1023349: ATGTTCCC

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PpuMI cuts at position 1050211: AGGATCCT

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PpuMI cuts at position 1053061: GTGAACCC

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PpuMI cuts at position 1065770: GGGATCCC

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PpuMI cuts at position 1082595: AGGATCCT

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PpuMI cuts at position 1104060: GTGTACCT

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PpuMI cuts at position 1108370: AGGATCCT

PpuMI cuts at position 1108540: AGGTACCT

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PpuMI cuts at position 1271673: ATGTTCCC

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PpuMI cuts at position 1493051: AGGATCCC

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PpuMI cuts at position 1494406: GGGATCCT

PpuMI cuts at position 1497841: GTGATCCT

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PpuMI cuts at position 1549297: ATGAACCC

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PpuMI cuts at position 1623104: AGGATCCC

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PpuMI cuts at position 1775830: AGGATCCC

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PpuMI cuts at position 1780584: GTGATCCT

PpuMI cuts at position 1782206: AGGTTCCT

PpuMI cuts at position 1783832: ATGTACCC

PpuMI cuts at position 1788221: AGGTTCCC

PpuMI cuts at position 1789003: ATGATCCC

PpuMI cuts at position 1789844: AGGATCCC

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PpuMI cuts at position 1792883: AGGAACCT

PpuMI cuts at position 1793656: AGGTTCCC

PpuMI cuts at position 1797695: AGGTTCCT

PpuMI cuts at position 1798643: ATGTTCCT

PpuMI cuts at position 1804144: GTGAACCC

PpuMI cuts at position 1805110: GGGAACCT

PpuMI cuts at position 1808692: ATGAACCT

PpuMI cuts at position 1809608: ATGAACCT

PpuMI cuts at position 1810561: GTGATCCT

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PpuMI cuts at position 1820740: ATGATCCC

PpuMI cuts at position 1823854: GTGAACCC

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PpuMI cuts at position 1845803: GGGATCCC

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PpuMI cuts at position 1850520: GTGTTCCC

PpuMI cuts at position 1851456: GTGAACCC

PpuMI cuts at position 1851639: ATGTACCC

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PpuMI cuts at position 1857739: GGGTACCT

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PpuMI cuts at position 1863682: GGGTTCCT

PpuMI cuts at position 1864498: GTGATCCT

PpuMI cuts at position 1864807: GTGAACCC

PpuMI cuts at position 1865200: GTGAACCC

PpuMI cuts at position 1869931: ATGTACCC

PpuMI cuts at position 1872578: GGGTTCCT

PpuMI cuts at position 1873392: ATGAACCC

PpuMI cuts at position 1873704: GTGAACCC

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PpuMI cuts at position 1883774: ATGAACCT

PpuMI cuts at position 1884446: ATGAACCT

PpuMI cuts at position 1884565: AGGATCCC

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PpuMI cuts at position 1887224: GGGTTCCC

PpuMI cuts at position 1887900: AGGAACCT

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PpuMI cuts at position 1892964: AGGTACCC

PpuMI cuts at position 1894762: GTGAACCC

PpuMI cuts at position 1895413: AGGAACCT

PpuMI cuts at position 1899629: GGGATCCC

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PpuMI cuts at position 1908001: GTGATCCT

PpuMI cuts at position 1910375: ATGATCCT

PpuMI cuts at position 1910492: GTGAACCC

PpuMI cuts at position 1913623: ATGATCCC

PpuMI cuts at position 1914264: ATGTTCCC

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PpuMI cuts at position 1922225: AGGTACCC

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PpuMI cuts at position 1928205: ATGAACCC

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PpuMI cuts at position 1939175: GTGAACCT

PpuMI cuts at position 1939622: GTGAACCT

PpuMI cuts at position 1940185: ATGAACCC

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PpuMI cuts at position 1949074: GGGTTCCT

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PpuMI cuts at position 1955259: AGGTTCCC

PpuMI cuts at position 1956677: AGGTTCCT

PpuMI cuts at position 1960718: GTGATCCC

PpuMI cuts at position 1960857: ATGATCCC

PpuMI cuts at position 1964801: GTGATCCT

PpuMI cuts at position 1968229: ATGAACCT

PpuMI cuts at position 1968503: GTGATCCT

PpuMI cuts at position 1969334: GGGTTCCT

PpuMI cuts at position 1969811: AGGTACCC

PpuMI cuts at position 1975019: GGGATCCT

PpuMI cuts at position 1975552: AGGATCCC

PpuMI cuts at position 1976536: ATGAACCC

PpuMI cuts at position 1981444: ATGATCCT

PpuMI cuts at position 1981593: AGGTTCCC

PpuMI cuts at position 1982684: GTGTTCCC

PpuMI cuts at position 1984433: GGGAACCC

PpuMI cuts at position 1985236: GTGAACCC

PpuMI cuts at position 1987692: GTGATCCC

PpuMI cuts at position 1990361: AGGTTCCC

PpuMI cuts at position 1991179: GTGATCCT

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PpuMI cuts at position 2001563: GGGATCCT

PpuMI cuts at position 2003381: GGGTACCT

PpuMI cuts at position 2003489: AGGAACCC

PpuMI cuts at position 2006321: GTGATCCT

PpuMI cuts at position 2006920: GGGTACCC

PpuMI cuts at position 2007871: AGGATCCT

PpuMI cuts at position 2009820: GGGTTCCT

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PpuMI cuts at position 2011862: GTGAACCC

PpuMI cuts at position 2012534: GTGAACCT

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PpuMI cuts at position 2033724: AGGATCCT

PpuMI cuts at position 2033820: GTGAACCC

PpuMI cuts at position 2036105: AGGAACCC

PpuMI cuts at position 2043614: GGGTTCCC

PpuMI cuts at position 2045517: GTGAACCC

PpuMI cuts at position 2047354: GGGAACCT

PpuMI cuts at position 2051036: GGGATCCC

PpuMI cuts at position 2053513: AGGTTCCT

PpuMI cuts at position 2054015: GGGTTCCC

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PpuMI cuts at position 2088987: GTGATCCT

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PpuMI cuts at position 2111234: AGGTTCCC

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PpuMI cuts at position 2132456: GTGATCCT

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PpuMI cuts at position 2165691: ATGTTCCT

PpuMI cuts at position 2167165: AGGAACCT

PpuMI cuts at position 2169173: AGGTTCCC

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PpuMI cuts at position 2250315: GGGTACCT

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PpuMI cuts at position 2272389: GTGTTCCT

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PpuMI cuts at position 2281833: GGGTACCT

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PpuMI cuts at position 2451107: AGGTTCCC

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PpuMI cuts at position 2495120: ATGTTCCT

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PpuMI cuts at position 2688664: GTGATCCT

PpuMI cuts at position 2688809: GTGATCCT

PpuMI cuts at position 2689801: ATGTACCT

PpuMI cuts at position 2692137: ATGAACCT

PpuMI cuts at position 2697249: ATGAACCT

PpuMI cuts at position 2698299: ATGTACCT

PpuMI cuts at position 2699857: AGGTACCT

PpuMI cuts at position 2700803: ATGTTCCT

PpuMI cuts at position 2700968: GTGAACCT

PpuMI cuts at position 2703000: ATGATCCT

PpuMI cuts at position 2703581: GTGATCCT

PpuMI cuts at position 2705581: AGGTTCCT

PpuMI cuts at position 2707653: AGGATCCC

PpuMI cuts at position 2711797: GTGATCCT

PpuMI cuts at position 2718333: GGGATCCC

PpuMI cuts at position 2722261: GGGTACCC

PpuMI cuts at position 2724808: GGGTTCCC

PpuMI cuts at position 2725391: GTGATCCT

PpuMI cuts at position 2728043: ATGTTCCT

PpuMI cuts at position 2728576: GGGTTCCT

PpuMI cuts at position 2730985: GGGTTCCT

PpuMI cuts at position 2738498: GGGATCCC

PpuMI cuts at position 2739481: ATGAACCC

PpuMI cuts at position 2739660: AGGATCCT

PpuMI cuts at position 2741669: GGGAACCC

PpuMI cuts at position 2742086: GGGTTCCT

PpuMI cuts at position 2746891: ATGATCCC

PpuMI cuts at position 2750398: GGGATCCT

PpuMI cuts at position 2750884: AGGATCCT

PpuMI cuts at position 2755993: GGGAACCC

PpuMI cuts at position 2758131: GGGATCCC

PpuMI cuts at position 2759573: AGGAACCT

PpuMI cuts at position 2763935: ATGAACCT

PpuMI cuts at position 2769557: GGGATCCC

PpuMI cuts at position 2772162: AGGAACCC

PpuMI cuts at position 2772359: GTGTACCC

PpuMI cuts at position 2776365: ATGTACCT

PpuMI cuts at position 2777414: ATGTTCCT

PpuMI cuts at position 2779251: GTGAACCC

PpuMI cuts at position 2779423: GTGATCCT

PpuMI cuts at position 2780322: GGGAACCT

PpuMI cuts at position 2784825: AGGTTCCT

PpuMI cuts at position 2785918: AGGAACCT

PpuMI cuts at position 2787519: ATGTTCCT

PpuMI cuts at position 2789546: GGGAACCC

PpuMI cuts at position 2789877: ATGTACCC

PpuMI cuts at position 2791686: GTGATCCT

PpuMI cuts at position 2792120: GGGATCCT

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PpuMI cuts at position 2797279: GTGTACCC

PpuMI cuts at position 2797421: GTGAACCC

PpuMI cuts at position 2801150: ATGATCCC

PpuMI cuts at position 2801265: GTGTTCCC

PpuMI cuts at position 2802174: ATGTTCCC

PpuMI cuts at position 2802572: GGGATCCC

PpuMI cuts at position 2803181: GGGTTCCT

PpuMI cuts at position 2803717: ATGATCCC

PpuMI cuts at position 2805280: ATGATCCT

PpuMI cuts at position 2807870: GTGTACCC

PpuMI cuts at position 2808158: GTGTTCCC

PpuMI cuts at position 2810639: GTGAACCT

PpuMI cuts at position 2810884: GTGTACCT

PpuMI cuts at position 2813002: GTGAACCC

PpuMI cuts at position 2813585: GTGTTCCC

PpuMI cuts at position 2814752: GTGTTCCT

PpuMI cuts at position 2819730: GGGTTCCC

PpuMI cuts at position 2819964: AGGTTCCT

PpuMI cuts at position 2822634: GGGATCCC

PpuMI cuts at position 2824233: GTGATCCT

PpuMI cuts at position 2830040: GGGATCCC

PpuMI cuts at position 2831546: AGGATCCC

PpuMI cuts at position 2833772: GGGTACCT

PpuMI cuts at position 2834324: AGGTACCC

PpuMI cuts at position 2834561: AGGTACCC

PpuMI cuts at position 2834580: GGGTTCCT

PpuMI cuts at position 2836411: GTGTTCCC

PpuMI cuts at position 2837821: GTGATCCT

PpuMI cuts at position 2837956: GTGATCCT

PpuMI cuts at position 2840222: GGGTTCCC

PpuMI cuts at position 2843215: GTGATCCC

PpuMI cuts at position 2852413: GTGTACCT

PpuMI cuts at position 2855675: GTGTACCT

PpuMI cuts at position 2863941: GTGATCCT

PpuMI cuts at position 2865093: GTGTTCCC

PpuMI cuts at position 2867007: GTGATCCT

PpuMI cuts at position 2868265: GTGAACCT

PpuMI cuts at position 2868556: GTGATCCT

PpuMI cuts at position 2869344: GGGATCCT

PpuMI cuts at position 2869881: AGGTTCCT

PpuMI cuts at position 2871328: AGGTACCT

PpuMI cuts at position 2874698: GTGAACCC

PpuMI cuts at position 2875051: GTGTACCT

PpuMI cuts at position 2880181: GTGATCCT

PpuMI cuts at position 2880634: GTGTTCCT

PpuMI cuts at position 2885573: GTGTTCCT

PpuMI cuts at position 2885974: GTGATCCT

PpuMI cuts at position 2886415: ATGATCCC

PpuMI cuts at position 2891947: AGGAACCT

PpuMI cuts at position 2892612: GTGATCCT

PpuMI cuts at position 2895833: AGGTACCC

PpuMI cuts at position 2897605: AGGTACCT

PpuMI cuts at position 2897917: ATGATCCT

PpuMI cuts at position 2898831: GTGATCCT

PpuMI cuts at position 2899688: GTGTACCT

PpuMI cuts at position 2900482: GTGATCCT

PpuMI cuts at position 2904657: GGGAACCC

PpuMI cuts at position 2905784: ATGTACCT

PpuMI cuts at position 2906633: GGGTACCC

PpuMI cuts at position 2906884: ATGTTCCT

PpuMI cuts at position 2907032: AGGAACCT

PpuMI cuts at position 2908866: GTGAACCC

PpuMI cuts at position 2909092: GTGTTCCT

PpuMI cuts at position 2909689: GGGATCCT

PpuMI cuts at position 2914967: GTGTACCT

PpuMI cuts at position 2915516: GGGATCCC

PpuMI cuts at position 2917395: GTGTTCCC

PpuMI cuts at position 2920229: GTGTACCT

PpuMI cuts at position 2923024: AGGTTCCC

PpuMI cuts at position 2926455: ATGTACCC

PpuMI cuts at position 2930702: GTGAACCC

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PpuMI cuts at position 2950657: AGGTACCT

PpuMI cuts at position 2952922: GTGAACCC

PpuMI cuts at position 2954712: GGGTACCT

PpuMI cuts at position 2954760: GTGAACCT

PpuMI cuts at position 2959558: GTGAACCC

PpuMI cuts at position 2960098: ATGAACCT

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PpuMI cuts at position 2967923: AGGATCCC

PpuMI cuts at position 2973216: AGGTTCCC

PpuMI cuts at position 2974744: GTGAACCC

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PpuMI cuts at position 2975968: AGGTTCCT

PpuMI cuts at position 2980403: GGGTACCT

PpuMI cuts at position 2982064: GTGAACCC

PpuMI cuts at position 2988573: AGGATCCC

PpuMI cuts at position 2989012: ATGATCCC

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PpuMI cuts at position 2998951: AGGAACCC

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PpuMI cuts at position 3000643: ATGTTCCC

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PpuMI cuts at position 3008033: GGGAACCC

PpuMI cuts at position 3008897: GTGATCCT

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PpuMI cuts at position 3010784: AGGAACCT

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PpuMI cuts at position 3014305: GGGATCCT

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PpuMI cuts at position 3017331: AGGAACCT

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PpuMI cuts at position 3021070: ATGTTCCC

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PpuMI cuts at position 3021677: GTGATCCT

PpuMI cuts at position 3031940: GGGTACCT

PpuMI cuts at position 3032321: ATGATCCC

PpuMI cuts at position 3036687: ATGAACCC

PpuMI cuts at position 3040527: ATGTACCT

PpuMI cuts at position 3044081: AGGAACCC

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PpuMI cuts at position 3055098: GGGAACCT

PpuMI cuts at position 3058702: GTGTTCCC

PpuMI cuts at position 3062305: AGGATCCT

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PpuMI cuts at position 3067641: AGGATCCC

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PpuMI cuts at position 3070309: GGGATCCT

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PpuMI cuts at position 3074658: GTGATCCC

PpuMI cuts at position 3078477: GTGAACCC

PpuMI cuts at position 3080692: GTGTTCCT

PpuMI cuts at position 3089154: GTGTACCT

PpuMI cuts at position 3090443: AGGTTCCT

PpuMI cuts at position 3090452: GTGATCCC

PpuMI cuts at position 3090963: GTGTTCCC

PpuMI cuts at position 3092113: ATGAACCC

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PpuMI cuts at position 3115645: AGGTACCT

PpuMI cuts at position 3116273: GTGAACCC

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PpuMI cuts at position 3135757: GGGTTCCT

PpuMI cuts at position 3138281: GTGTTCCT

PpuMI cuts at position 3138416: GTGATCCT

PpuMI cuts at position 3138769: AGGATCCT

PpuMI cuts at position 3139285: GTGATCCT

PpuMI cuts at position 3140960: GGGATCCT

PpuMI cuts at position 3141377: ATGTTCCT

PpuMI cuts at position 3141788: AGGTACCT

PpuMI cuts at position 3144291: GTGAACCC

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PpuMI cuts at position 3146287: ATGTACCT

PpuMI cuts at position 3146835: GTGTTCCC

PpuMI cuts at position 3152447: GTGAACCC

PpuMI cuts at position 3152820: ATGTACCT

PpuMI cuts at position 3155821: ATGTTCCT

PpuMI cuts at position 3158016: GTGATCCC

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PpuMI cuts at position 3164382: ATGTTCCT

PpuMI cuts at position 3172643: ATGAACCC

PpuMI cuts at position 3177659: GGGAACCT

PpuMI cuts at position 3178645: AGGAACCC

PpuMI cuts at position 3179205: GTGTTCCC

PpuMI cuts at position 3180102: ATGTACCT

PpuMI cuts at position 3181387: GTGATCCT

PpuMI cuts at position 3182830: AGGTACCT

PpuMI cuts at position 3183386: GTGAACCT

PpuMI cuts at position 3184195: ATGATCCC

PpuMI cuts at position 3186754: ATGAACCC

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PpuMI cuts at position 3187957: AGGTTCCT

PpuMI cuts at position 3189518: GTGAACCT

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PpuMI cuts at position 3192415: GGGATCCT

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PpuMI cuts at position 3215736: GGGAACCT

PpuMI cuts at position 3216063: GTGAACCC

PpuMI cuts at position 3217814: AGGTACCT

PpuMI cuts at position 3218370: AGGTACCT

PpuMI cuts at position 3220401: ATGTACCT

PpuMI cuts at position 3222244: GGGAACCC

PpuMI cuts at position 3223532: ATGTACCT

PpuMI cuts at position 3226067: GTGAACCT

PpuMI cuts at position 3226904: GTGATCCT

PpuMI cuts at position 3228159: GGGAACCC

PpuMI cuts at position 3228760: GTGATCCT

PpuMI cuts at position 3229945: GGGTTCCC

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PpuMI cuts at position 3269223: ATGATCCC

PpuMI cuts at position 3269545: ATGTACCC

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PpuMI cuts at position 3276063: ATGAACCC

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PpuMI cuts at position 3286154: GTGTACCT

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PpuMI cuts at position 3321837: ATGTTCCC

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PpuMI cuts at position 3335591: GTGATCCC

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PpuMI cuts at position 3342750: ATGTACCC

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PpuMI cuts at position 3362136: GTGAACCC

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PpuMI cuts at position 3369963: GTGATCCC

PpuMI cuts at position 3370497: ATGAACCC

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PpuMI cuts at position 3372878: GGGTTCCT

PpuMI cuts at position 3383536: GGGTTCCC

PpuMI cuts at position 3385349: AGGTACCT

PpuMI cuts at position 3393654: ATGTTCCT

MspAII cuts at position 2539: CAGGCTG

MspAII cuts at position 2705: CAGGCTG

MspAII cuts at position 3453: CAGGCTG

MspAII cuts at position 3474: CAGGCGG

MspAII cuts at position 6247: CAGTCTG

MspAII cuts at position 6330: CAGGCTG

MspAII cuts at position 6666: CAGGCTG

MspAII cuts at position 7453: CAGGCGG

MspAII cuts at position 8540: CCGGCTG

MspAII cuts at position 8971: CAGGCTG

MspAII cuts at position 9320: CAGGCTG

MspAII cuts at position 9771: CAGGCTG

MspAII cuts at position 11155: CAGGCTG

MspAII cuts at position 11862: CAGGCTG

MspAII cuts at position 12805: CAGTCGG

MspAII cuts at position 13402: CAGGCTG

MspAII cuts at position 14167: CCGTCTG

MspAII cuts at position 15529: CAGGCTG

MspAII cuts at position 17749: CAGGCTG

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MspAII cuts at position 32803: CCGTCTG

MspAII cuts at position 33025: CAGTCTG

MspAII cuts at position 33328: CAGGCTG

MspAII cuts at position 33494: CAGGCTG

MspAII cuts at position 33620: CAGGCTG

MspAII cuts at position 34771: CAGGCTG

MspAII cuts at position 35391: CAGGCTG

MspAII cuts at position 37591: CAGGCTG

MspAII cuts at position 38072: CAGTCTG

MspAII cuts at position 38282: CAGGCTG

MspAII cuts at position 38451: CAGGCTG

MspAII cuts at position 38794: CAGGCGG

MspAII cuts at position 39534: CAGGCTG

MspAII cuts at position 43045: CAGGCTG

MspAII cuts at position 45155: CCGGCTG

MspAII cuts at position 49088: CAGGCTG

MspAII cuts at position 49561: CAGGCTG

MspAII cuts at position 49727: CAGGCTG

MspAII cuts at position 51013: CAGGCTG

MspAII cuts at position 51178: CAGGCTG

MspAII cuts at position 57360: CCGGCGG

MspAII cuts at position 58365: CAGGCTG

MspAII cuts at position 59404: CAGGCTG

MspAII cuts at position 61424: CAGGCTG

MspAII cuts at position 62467: CAGGCTG

MspAII cuts at position 62840: CCGGCTG

MspAII cuts at position 65907: CAGGCTG

MspAII cuts at position 66486: CAGGCTG

MspAII cuts at position 66652: CAGGCTG

MspAII cuts at position 67169: CAGGCGG

MspAII cuts at position 67719: CAGGCTG

MspAII cuts at position 68489: CAGGCTG

MspAII cuts at position 71136: CAGGCTG

MspAII cuts at position 74254: CAGGCTG

MspAII cuts at position 76408: CCGTCTG

MspAII cuts at position 79160: CAGGCTG

MspAII cuts at position 79561: CAGGCTG

MspAII cuts at position 80316: CAGGCTG

MspAII cuts at position 84737: CAGGCTG

MspAII cuts at position 87383: CAGTCTG

MspAII cuts at position 87610: CCGGCTG

MspAII cuts at position 88778: CAGGCTG

MspAII cuts at position 90551: CAGGCTG

MspAII cuts at position 91603: CAGGCTG

MspAII cuts at position 93139: CAGGCTG

MspAII cuts at position 94920: CAGGCTG

MspAII cuts at position 100928: CCGGCTG

MspAII cuts at position 101743: CAGGCTG

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MspAII cuts at position 103537: CAGGCTG

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MspAII cuts at position 107327: CCGTCTG

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MspAII cuts at position 116649: CAGGCTG

MspAII cuts at position 118995: CCGGCGG

MspAII cuts at position 119293: CCGTCTG

MspAII cuts at position 122075: CAGGCTG

MspAII cuts at position 123387: CAGGCTG

MspAII cuts at position 123862: CCGTCTG

MspAII cuts at position 124681: CCGGCGG

MspAII cuts at position 124741: CCGGCTG

MspAII cuts at position 125813: CAGGCTG

MspAII cuts at position 125981: CAGGCTG

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MspAII cuts at position 127180: CCGGCTG

MspAII cuts at position 128051: CAGGCTG

MspAII cuts at position 130233: CAGTCTG

MspAII cuts at position 133038: CAGGCTG

MspAII cuts at position 133311: CCGGCTG

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MspAII cuts at position 163610: CAGGCTG

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MspAII cuts at position 171599: CAGGCTG

MspAII cuts at position 172905: CAGTCGG

MspAII cuts at position 173172: CCGGCGG

MspAII cuts at position 173366: CAGGCTG

MspAII cuts at position 174679: CCGGCGG

MspAII cuts at position 174899: CAGGCGG

MspAII cuts at position 175007: CAGGCTG

MspAII cuts at position 175040: CAGGCGG

MspAII cuts at position 175151: CAGGCGG

MspAII cuts at position 175467: CAGTCGG

MspAII cuts at position 179625: CAGGCTG

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MspAII cuts at position 197519: CAGTCTG

MspAII cuts at position 199745: CCGGCTG

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MspAII cuts at position 207614: CCGGCGG

MspAII cuts at position 208200: CCGGCTG

MspAII cuts at position 210151: CAGGCGG

MspAII cuts at position 211152: CAGGCGG

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MspAII cuts at position 213794: CAGGCTG

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MspAII cuts at position 220191: CCGGCGG

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MslI cuts at position 618: CACACAGGTG

MslI cuts at position 630: CACTCATGTG

MslI cuts at position 2638: CACAGACATG

MslI cuts at position 2648: CACCACCATG

MslI cuts at position 3422: CACACGTGTG

MslI cuts at position 3618: CACCTCAGTG

MslI cuts at position 3862: CATCACAGTG

MslI cuts at position 4712: CATTGCAGTG

MslI cuts at position 7030: CACCACCATG

MslI cuts at position 7076: CACGAGGGTG

MslI cuts at position 7117: CACCACGATG

MslI cuts at position 7393: CACGCTCATG

MslI cuts at position 7444: CACCGCCATG

MslI cuts at position 7606: CACATAGATG

MslI cuts at position 7801: CATGTCCATG

MslI cuts at position 9811: CACCTGAGTG

MslI cuts at position 10312: CATGTCTGTG

MslI cuts at position 10344: CACACACATG

MslI cuts at position 10892: CATAAATGTG

MslI cuts at position 11371: CACAGCGATG

MslI cuts at position 13326: CACAGGAGTG

MslI cuts at position 14080: CATCAGTGTG

MslI cuts at position 14547: CATGTAAATG

MslI cuts at position 15244: CATACCCATG

MslI cuts at position 15711: CATGAATATG

MslI cuts at position 15922: CACCACGATG

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MslI cuts at position 18683: CATTGTGGTG

MslI cuts at position 21720: CATGACAATG

MslI cuts at position 22951: CATGTTTGTG

MslI cuts at position 23864: CATGAATGTG

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MslI cuts at position 24648: CACTGTTGTG

MslI cuts at position 25778: CACGGGGGTG

MslI cuts at position 26018: CATCTAGGTG

MslI cuts at position 26313: CACATATGTG

MslI cuts at position 26655: CACTAGAGTG

MslI cuts at position 28649: CACCGGGGTG

MslI cuts at position 29234: CATTGCCATG

MslI cuts at position 30958: CACACAGGTG

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MslI cuts at position 31527: CACGACGGTG

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MslI cuts at position 33771: CATGGCTGTG

MslI cuts at position 34479: CACAGCTGTG

MslI cuts at position 35634: CACTGCTGTG

MslI cuts at position 35701: CACACCTGTG

MslI cuts at position 35853: CACGGTGATG

MslI cuts at position 38157: CATTAAGATG

MslI cuts at position 38391: CACCACCATG

MslI cuts at position 40464: CACACATGTG

MslI cuts at position 40693: CATAGTCATG

MslI cuts at position 41841: CATGTGGATG

MslI cuts at position 41897: CACAGGTGTG

MslI cuts at position 42128: CATAGGAGTG

MslI cuts at position 42793: CACCTAGATG

MslI cuts at position 43894: CACCGAGATG

MslI cuts at position 46084: CATAAATATG

MslI cuts at position 47303: CATGGCCATG

MslI cuts at position 48556: CACCCTTGTG

MslI cuts at position 48745: CATAGAGGTG

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MslI cuts at position 50117: CATTGCCATG

MslI cuts at position 50452: CATCATAATG

MslI cuts at position 52410: CATTAACATG

MslI cuts at position 52999: CATGGAAATG

MslI cuts at position 53700: CACCCAGGTG

MslI cuts at position 55163: CATAAATGTG

MslI cuts at position 55312: CACTATGGTG

MslI cuts at position 56871: CATCCCCATG

MslI cuts at position 59171: CATTTACATG

MslI cuts at position 59218: CACATGCATG

MslI cuts at position 59254: CACCTTCATG

MslI cuts at position 60185: CACCATCATG

MslI cuts at position 61111: CATGGCAGTG

MslI cuts at position 61438: CATAAGCGTG

MslI cuts at position 62664: CATGAGTGTG

MslI cuts at position 62960: CACAAAGATG

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MslI cuts at position 63330: CATGGTGGTG

MslI cuts at position 63532: CATGAGAGTG

MslI cuts at position 63834: CACTCCAGTG

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MslI cuts at position 69822: CATCTGCATG

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MsII cuts at position 76685: CATGGTGGTG

MsII cuts at position 77780: CATCAGCATG

MsII cuts at position 79705: CACAACCGTG

MsII cuts at position 80951: CACAAAAATG

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MsII cuts at position 82132: CACGTGAATG

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MslI cuts at position 470142: CACCATGATG

MslI cuts at position 472833: CACCCGCGTG

MslI cuts at position 473317: CACAGGGGTG

MslI cuts at position 478570: CACCATCGTG

MslI cuts at position 480570: CACAGGCATG

MslI cuts at position 480654: CACAGGTGTG

MslI cuts at position 481571: CATCTCAGTG

MslI cuts at position 482341: CATGGTGGTG

MslI cuts at position 482821: CATGGTGGTG

MslI cuts at position 483268: CACAGTGGTG

MslI cuts at position 485247: CACAACCATG

MslI cuts at position 485347: CACATGTATG

MslI cuts at position 486392: CACTGCTATG

MslI cuts at position 487763: CATTGTTGTG

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MslI cuts at position 490284: CACGATTGTG

MslI cuts at position 491947: CACTGAAGTG

MslI cuts at position 492231: CACACGCGTG

MslI cuts at position 493061: CACAGTGGTG

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MslI cuts at position 493610: CATTGCTGTG

MslI cuts at position 495424: CATCTGTGTG

MslI cuts at position 496941: CATGTAAATG

MslI cuts at position 499007: CATGACGGTG

MslI cuts at position 499017: CATGCCTGTG

MslI cuts at position 500482: CACAGTCATG

MslI cuts at position 501007: CATTTTTATG

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MslI cuts at position 510145: CACCTATGTG

MslI cuts at position 510155: CACACATGTG

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MslI cuts at position 510779: CACTTCAGTG

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MslI cuts at position 511246: CATTCATGTG

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MsII cuts at position 1032547: CATGGGAATG

MsII cuts at position 1033228: CATCCCCATG

MsII cuts at position 1033404: CATGAAAGTG

MslI cuts at position 1034536: CACTAGTGTG

MslI cuts at position 1034565: CACAGCCATG

MslI cuts at position 1034688: CACTGAGATG

MslI cuts at position 1036233: CACCCCCATG

MslI cuts at position 1036542: CACACAGATG

MslI cuts at position 1039371: CACTGAAATG

MslI cuts at position 1041559: CATGGTGGTG

MslI cuts at position 1041572: CACGCCTGTG

MslI cuts at position 1044400: CACAGGTGTG

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MslI cuts at position 1072900: CATGGCGGTG

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MslI cuts at position 1080308: CATGATCATG

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MslI cuts at position 1085998: CACTATGATG

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MslI cuts at position 1529792: CACTGAAGTG

MslI cuts at position 1531782: CACCCCTGTG

MslI cuts at position 1531805: CACAGTAGTG

MslI cuts at position 1532590: CACCTCTGTG

MslI cuts at position 1533058: CATTCCCATG

MslI cuts at position 1533745: CACAGGGATG

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MslI cuts at position 1537316: CATCGCAGTG

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MslI cuts at position 1539818: CACATGGGTG

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MsII cuts at position 2924467: CACATACATG

MsII cuts at position 2925275: CATTATAGTG

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MsII cuts at position 2926444: CATCTTTATG

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MsII cuts at position 2939729: CATTTTAATG

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MslI cuts at position 3388399: CACAACAGTG

MslI cuts at position 3389244: CATTTATATG

MslI cuts at position 3392061: CATAGAGATG

MslI cuts at position 3393916: CATACTTATG

MslI cuts at position 3394479: CATTCTAATG

MslI cuts at position 3394863: CACAACAGTG

MslI cuts at position 3394918: CATGTAAGTG

MslI cuts at position 3397844: CATGCCCATG

MslI cuts at position 3399164: CATAGTGGTG

MslI cuts at position 3399765: CATGGTGGTG