

Palindromes of: Ascorhynchus sp. Intron 1
Sequence length is: 63
Start at position: 1
End at position: 63
Minimum length of Palindromes is: 5
Maximum length of Palindromes is: 30
Maximum gap between elements is: 30
Number of mismatches allowed in Palindrome: 0

Palindromes:
30 aatatta 37
 |||||
60 tttataat 53

30 aaata 34
 ||||
40 tttat 36

Palindromes of: Austrodecus sp. Intron 1
Sequence length is: 61
Start at position: 1
End at position: 61
Minimum length of Palindromes is: 5
Maximum length of Palindromes is: 30
Maximum gap between elements is: 30
Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|---------|----|
| 28 | aaatatt | 34 |
| | | |
| 58 | ttataa | 52 |
| 28 | aaata | 32 |
| | | |
| 38 | tttat | 34 |

Palindromes of: Tanystylum sp. Intron 1
 Sequence length is: 996
 Start at position: 1
 End at position: 996
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|---------|-----|
| 17 | aattat | 22 |
| | | |
| 50 | ttaata | 45 |
| 33 | ataaag | 38 |
| | | |
| 59 | tatttc | 54 |
| 41 | tatcata | 47 |
| | | |
| 82 | atagtat | 76 |
| 45 | ataat | 49 |
| | | |
| 73 | tatta | 69 |
| 49 | tttaa | 53 |
| | | |
| 67 | aaatt | 63 |
| 56 | ttataat | 62 |
| | | |
| 75 | aatatta | 69 |
| 70 | ttataa | 75 |
| | | |
| 104 | aatatt | 99 |
| 74 | aatat | 78 |
| | | |
| 84 | ttata | 80 |
| 79 | gatat | 83 |
| | | |
| 90 | ctata | 86 |
| 98 | tttata | 103 |
| | | |

| | | |
|-----|----------|-----|
| 115 | aaatat | 110 |
| 100 | tataa | 104 |
| | | |
| 111 | atatt | 107 |
| 136 | gaataa | 141 |
| | | |
| 158 | cttatt | 153 |
| 142 | ttgaa | 146 |
| | | |
| 160 | aactt | 156 |
| 151 | atztat | 156 |
| | | |
| 178 | taaata | 173 |
| 153 | ttatt | 157 |
| | | |
| 164 | aataa | 160 |
| 156 | ttcaaat | 162 |
| | | |
| 198 | aagttta | 192 |
| 162 | taatata | 167 |
| | | |
| 182 | attata | 177 |
| 164 | atata | 168 |
| | | |
| 174 | tatat | 170 |
| 167 | taatata | 172 |
| | | |
| 182 | attata | 177 |
| 191 | aattt | 195 |
| | | |
| 211 | ttaaa | 207 |
| 193 | tttgaa | 198 |
| | | |
| 208 | aaactt | 203 |
| 224 | ctttaatg | 231 |
| | | |
| 249 | gaaattac | 242 |

| | | |
|-----|---------|-----|
| 243 | attaa | 247 |
| | | |
| 259 | taatt | 255 |
| 244 | ttaaa | 248 |
| | | |
| 263 | aattt | 259 |
| 252 | tagtt | 256 |
| | | |
| 271 | atcaa | 267 |
| 253 | agttaa | 258 |
| | | |
| 265 | tcaatt | 260 |
| 261 | taact | 265 |
| | | |
| 297 | attga | 293 |
| 287 | ataaa | 291 |
| | | |
| 326 | tattt | 322 |
| 291 | aaagtta | 297 |
| | | |
| 324 | tttcaat | 318 |
| 295 | ttata | 299 |
| | | |
| 328 | aatat | 324 |
| 296 | tatata | 301 |
| | | |
| 311 | atatat | 306 |
| 298 | tatata | 303 |
| | | |
| 311 | atatat | 306 |
| 305 | ttata | 309 |
| | | |
| 328 | aatat | 324 |
| 335 | agcat | 339 |
| | | |
| 347 | tcgta | 343 |
| 338 | atatg | 342 |
| | | |

| | | |
|-----|---------|-----|
| 376 | tatac | 372 |
| 344 | tgcta | 348 |
| | | |
| 362 | acgat | 358 |
| 372 | catatt | 377 |
| | | |
| 395 | gtataa | 390 |
| 378 | catattt | 384 |
| | | |
| 395 | gtataaa | 389 |
| 381 | atztat | 386 |
| | | |
| 407 | taaata | 402 |
| 388 | aaaat | 392 |
| | | |
| 427 | tttta | 423 |
| 389 | aaata | 393 |
| | | |
| 412 | tttat | 408 |
| 402 | ataaa | 406 |
| | | |
| 429 | tattt | 425 |
| 403 | taaat | 407 |
| | | |
| 413 | attta | 409 |
| 404 | aaatt | 408 |
| | | |
| 426 | tttaa | 422 |
| 405 | aattat | 410 |
| | | |
| 438 | ttaata | 433 |
| 409 | attta | 413 |
| | | |
| 424 | taaat | 420 |
| 421 | aaatt | 425 |
| | | |
| 454 | tttaa | 450 |

| | | |
|-----|---------|-----|
| 435 | aatta | 439 |
| | | |
| 453 | ttaat | 449 |
| 450 | aattt | 454 |
| | | |
| 482 | ttaaa | 478 |
| 450 | aatttt | 455 |
| | | |
| 475 | ttaaa | 470 |
| 457 | atttt | 461 |
| | | |
| 474 | taaaa | 470 |
| 470 | aaaattt | 476 |
| | | |
| 484 | ttttaa | 478 |
| 472 | aattt | 476 |
| | | |
| 509 | ttaaa | 505 |
| 475 | tttaa | 479 |
| | | |
| 512 | aaatt | 508 |
| 476 | ttaaa | 480 |
| | | |
| 500 | aattt | 496 |
| 479 | aattt | 483 |
| | | |
| 509 | ttaaa | 505 |
| 496 | tttaa | 500 |
| | | |
| 526 | aaatt | 522 |
| 496 | tttaa | 500 |
| | | |
| 512 | aaatt | 508 |
| 507 | attaaa | 512 |
| | | |
| 536 | taattt | 531 |
| 521 | attaaa | 526 |
| | | |

| | | |
|-----|-----------|-----|
| 536 | taattt | 531 |
| 524 | aaaatta | 530 |
| | | |
| 566 | ttttaat | 560 |
| 526 | aattat | 531 |
| | | |
| 560 | ttaata | 555 |
| 531 | tttaat | 536 |
| | | |
| 542 | aaatta | 537 |
| 532 | ttaat | 536 |
| | | |
| 562 | aatta | 558 |
| 537 | attaa | 541 |
| | | |
| 563 | taatt | 559 |
| 541 | aaaagaaaa | 549 |
| | | |
| 571 | ttttctttt | 563 |
| 556 | taatta | 561 |
| | | |
| 588 | attaat | 583 |
| 559 | ttaatt | 564 |
| | | |
| 589 | aattaa | 584 |
| 562 | atttt | 566 |
| | | |
| 595 | taaaa | 591 |
| 563 | ttttcttt | 570 |
| | | |
| 580 | aaaagaaa | 573 |
| 586 | ttaaa | 590 |
| | | |
| 613 | aattt | 609 |
| 608 | attta | 612 |
| | | |
| 645 | taaat | 641 |

| | | |
|-----|----------|-----|
| 608 | attta | 612 |
| | | |
| 623 | taa | 619 |
| | at | |
| 618 | ataaat | 623 |
| | | |
| 658 | tattta | 653 |
| | | |
| 641 | taa | 645 |
| | | |
| 657 | attta | 653 |
| | | |
| 649 | caaaattt | 656 |
| | | |
| 670 | gttttaa | 663 |
| | | |
| 654 | tttat | 658 |
| | | |
| 676 | aaata | 672 |
| | | |
| 659 | tacaaaa | 665 |
| | | |
| 672 | atgtttt | 666 |
| | | |
| 722 | taaag | 726 |
| | | |
| 758 | atttc | 754 |
| | | |
| 757 | taaga | 761 |
| | | |
| 783 | attct | 779 |
| | | |
| 799 | tattta | 804 |
| | | |
| 820 | ataaat | 815 |
| | | |
| 799 | tattt | 803 |
| | | |
| 811 | ataaa | 807 |
| | | |
| 809 | atata | 813 |
| | | |
| 823 | tatat | 819 |
| | | |
| 816 | aatat | 821 |
| | | |
| 852 | tttata | 847 |
| | | |
| 837 | aaaaa | 842 |
| | | |

| | | |
|-----|----------|-----|
| 855 | tttttt | 850 |
| 838 | aaaaaa | 843 |
| | | |
| 855 | tttttt | 850 |
| 839 | aaaaaata | 846 |
| | | |
| 855 | ttttttat | 848 |
| 847 | atatt | 851 |
| | | |
| 884 | tataa | 880 |
| 848 | tattt | 852 |
| | | |
| 875 | ataaa | 871 |
| 849 | attttt | 854 |
| | | |
| 868 | taaaa | 863 |
| 851 | ttttt | 855 |
| | | |
| 867 | aaaaa | 863 |
| 940 | tgata | 944 |
| | | |
| 954 | actat | 950 |
| 974 | gattt | 978 |
| | | |
| 987 | ctaaa | 983 |

Palindromes of: Rhyncothoracidae sp. #2 Intron #1
 Sequence length is: 502
 Start at position: 1
 End at position: 502
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|-----------|----|
| 5 | aaatttta | 12 |
| | | |
| 49 | ttaaatt | 42 |
| 8 | tttta | 12 |
| | | |
| 28 | aaaat | 24 |
| 24 | taaa | 28 |
| | | |
| 51 | atttt | 47 |
| 35 | aataa | 39 |
| | | |
| 53 | ttatt | 49 |
| 37 | taatctaaa | 45 |
| | | |
| 67 | attagattt | 59 |
| 42 | taaaattt | 49 |
| | | |
| 77 | attttaaa | 70 |
| 42 | taaa | 46 |
| | | |
| 51 | atttt | 47 |
| 44 | aaatttt | 50 |
| | | |
| 61 | tttaaaa | 55 |
| 47 | tttta | 51 |
| | | |
| 57 | aaaat | 53 |
| 48 | tttattaa | 55 |
| | | |

| | | |
|-----|------------------------|-----|
| 72 | aaataatt | 65 |
| 49 | ttatta ^{aaaa} | 57 |
| 81 | aataatttt | 73 |
| 55 | aaaattta | 62 |
| 76 | ttttaaat | 69 |
| 64 | attaa | 68 |
| 79 | taatt | 75 |
| 67 | aataa | 71 |
| 86 | ttatt | 82 |
| 68 | ataaa | 72 |
| 93 | tattt | 89 |
| 77 | aataa | 81 |
| 86 | ttatt | 82 |
| 85 | tttct | 89 |
| 116 | aaaga | 112 |
| 112 | agaaa | 116 |
| 149 | tcttt | 145 |
| 119 | catta | 123 |
| 131 | gtaat | 127 |
| 121 | ttaaaat | 127 |
| 159 | aatttta | 153 |
| 121 | ttaaa | 125 |
| 142 | aattt | 138 |
| 123 | aaaat | 127 |
| 147 | tttta | 143 |

| | | |
|-----|---------|-----|
| 138 | tttaaa | 143 |
| | | |
| 160 | aaattt | 155 |
| 141 | aaatt | 145 |
| | | |
| 156 | tttaa | 152 |
| 142 | aatttt | 147 |
| | | |
| 178 | ttaaaa | 173 |
| 152 | aatttt | 157 |
| | | |
| 178 | ttaaaa | 173 |
| 154 | tttta | 158 |
| | | |
| 174 | aaaat | 170 |
| 157 | taaat | 161 |
| | | |
| 194 | attta | 190 |
| 170 | taaaa | 174 |
| | | |
| 208 | atttt | 204 |
| 173 | aaaattg | 179 |
| | | |
| 207 | ttttaac | 201 |
| 174 | aaatt | 178 |
| | | |
| 193 | tttaa | 189 |
| 188 | aaatt | 192 |
| | | |
| 206 | tttaa | 202 |
| 203 | atttt | 207 |
| | | |
| 228 | taaaa | 224 |
| 209 | ttctaa | 214 |
| | | |
| 225 | aagatt | 220 |
| 214 | aagat | 218 |
| | | |

| | | |
|-----|-------------|-----|
| 231 | ttcta | 227 |
| 236 | gttta | 240 |
| | | |
| 246 | caaat | 242 |
| 240 | attaa | 244 |
| | | |
| 269 | taatt | 265 |
| 260 | tttta | 264 |
| | | |
| 291 | aaaat | 287 |
| 265 | ttaat | 269 |
| | | |
| 289 | aatta | 285 |
| 278 | aaata | 282 |
| | | |
| 312 | tttat | 308 |
| 278 | aaatat | 283 |
| | | |
| 306 | tttata | 301 |
| 280 | atatt | 284 |
| | | |
| 295 | tataa | 291 |
| 282 | attat | 286 |
| | | |
| 298 | taata | 294 |
| 287 | taaaa | 292 |
| | | |
| 317 | attttt | 312 |
| 287 | taaaaatataa | 297 |
| | | |
| 309 | atttttatatt | 299 |
| 288 | aaaaatat | 295 |
| | | |
| 331 | ttttata | 324 |
| 288 | aaaaa | 292 |
| | | |
| 315 | ttttt | 311 |

| | | |
|-----|---------|-----|
| 288 | aaaaata | 294 |
| | | |
| 314 | tttttat | 308 |
| 323 | catattt | 329 |
| | | |
| 355 | gtataaa | 349 |
| 350 | aatat | 354 |
| | | |
| 368 | ttata | 364 |
| 387 | ttcact | 392 |
| | | |
| 398 | aagtga | 393 |
| 434 | aatta | 438 |
| | | |
| 451 | ttaat | 447 |
| 448 | aattt | 452 |
| | | |
| 461 | ttaaa | 457 |
| 469 | ttaatc | 474 |
| | | |
| 496 | aattag | 491 |

Palindromes of: Pallenopsis pilosa Intron #1
 Sequence length is: 200
 Start at position: 1
 End at position: 200
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|--------|-----|
| 2 | attaa | 6 |
| | | |
| 41 | taatt | 37 |
| 4 | taaata | 8 |
| | | |
| 30 | attta | 26 |
| 65 | taatt | 69 |
| | | |
| 86 | attaa | 82 |
| 83 | attaa | 87 |
| | | |
| 122 | taatt | 118 |
| 85 | taaata | 89 |
| | | |
| 111 | attta | 107 |
| 146 | taatt | 150 |
| | | |
| 167 | attaa | 163 |
| 166 | taaata | 170 |
| | | |
| 192 | attta | 188 |

Palindromes of: *Andoplodactylus australis* Intron #1
 Sequence length is: 402
 Start at position: 1
 End at position: 402
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|--------------|-----|
| 17 | gaaagaattatt | 28 |
| | | |
| 51 | ctttcttaataa | 40 |
| 18 | aaagaa | 23 |
| | | |
| 54 | tttctt | 49 |
| 41 | ataat | 45 |
| | | |
| 76 | tatta | 72 |
| 64 | tttaa | 68 |
| | | |
| 88 | aaatt | 84 |
| 81 | ttttt | 85 |
| | | |
| 91 | aaaaa | 87 |
| 81 | ttttt | 85 |
| | | |
| 90 | aaaaa | 86 |
| 83 | tttaa | 87 |
| | | |
| 108 | aaatt | 104 |
| 88 | aaaact | 93 |
| | | |
| 102 | ttttga | 97 |
| 95 | ttagtt | 100 |
| | | |
| 125 | aatcaa | 120 |
| 105 | taaagat | 111 |
| | | |

| | | |
|-----|--------------|-----|
| 133 | atctcta | 127 |
| 130 | tttat | 134 |
| | | |
| 145 | aaata | 141 |
| 145 | aaaat | 149 |
| | | |
| 183 | tttta | 179 |
| 166 | atagg | 170 |
| | | |
| 197 | tatcc | 193 |
| 172 | aaata | 176 |
| | | |
| 182 | tttat | 178 |
| 175 | taata | 179 |
| | | |
| 199 | attat | 195 |
| 179 | atddd | 183 |
| | | |
| 205 | taaaa | 201 |
| 238 | aaaat | 242 |
| | | |
| 274 | tttta | 270 |
| 263 | taacta | 268 |
| | | |
| 293 | attgat | 288 |
| 271 | tttta | 275 |
| | | |
| 298 | aaaat | 294 |
| 274 | taaag | 278 |
| | | |
| 289 | atttc | 285 |
| 280 | tttta | 284 |
| | | |
| 298 | aaaat | 294 |
| 336 | gaaagaattatt | 347 |
| | | |
| 370 | ctttcttaataa | 359 |

| | | |
|-----|--------|-----|
| 337 | aaagaa | 342 |
| | | |
| 373 | tttctt | 368 |
| 360 | ataat | 364 |
| | | |
| 395 | tatta | 391 |

Palindromes of: *Andoplodactylus australis* Intron #2

Sequence length is: 198

Start at position: 1

End at position: 198

Minimum length of Palindromes is: 5

Maximum length of Palindromes is: 30

Maximum gap between elements is: 30

Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|--------|----|
| 10 | tatat | 14 |
| | | |
| 28 | atata | 24 |
| 10 | tatat | 14 |
| | | |
| 26 | atata | 22 |
| 10 | tatat | 14 |
| | | |
| 20 | atata | 16 |
| 15 | tatata | 20 |
| | | |
| 28 | atatat | 23 |
| 15 | tatat | 19 |
| | | |
| 26 | atata | 22 |
| 16 | atata | 20 |
| | | |
| 29 | tatat | 25 |
| 29 | ttaatt | 34 |
| | | |
| 45 | aattaa | 40 |
| 42 | ttaaa | 46 |
| | | |
| 55 | aattt | 51 |
| 58 | actaa | 62 |
| | | |
| 90 | tgatt | 86 |
| 66 | taaaa | 70 |
| | | |

| | | |
|-----|--------|-----|
| 76 | atatt | 72 |
| 83 | atatta | 88 |
| | | |
| 109 | tataat | 104 |
| 94 | tatta | 98 |
| | | |
| 108 | ataat | 104 |
| 97 | tattaa | 102 |
| | | |
| 135 | ataatt | 130 |
| 97 | tatta | 101 |
| | | |
| 108 | ataat | 104 |
| 105 | aatat | 109 |
| | | |
| 115 | ttata | 111 |
| 117 | tctta | 121 |
| | | |
| 155 | agaat | 151 |
| 139 | aattat | 144 |
| | | |
| 170 | ttaata | 165 |
| 140 | attat | 144 |
| | | |
| 166 | taata | 162 |
| 141 | ttata | 145 |
| | | |
| 153 | aatat | 149 |
| 149 | tataa | 153 |
| | | |
| 182 | atatt | 178 |
| 149 | tataa | 153 |
| | | |
| 173 | atatt | 169 |
| 155 | ataaa | 159 |
| | | |
| 181 | tattt | 177 |

| | | |
|-----|-------|-----|
| 162 | ataat | 166 |
| | | |
| 172 | tatta | 168 |

Palindromes of: *Andoplodactylus australis* Intron #3

Sequence length is: 1138

Start at position: 1

End at position: 1138

Minimum length of Palindromes is: 5

Maximum length of Palindromes is: 30

Maximum gap between elements is: 30

Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|----------|-----|
| 4 | ataaa | 8 |
| | | |
| 13 | tattt | 9 |
| 45 | attat | 49 |
| | | |
| 79 | taata | 75 |
| 46 | ttatt | 50 |
| | | |
| 62 | aataa | 58 |
| 59 | ataaa | 63 |
| | | |
| 76 | tattt | 72 |
| 68 | gtatt | 72 |
| | | |
| 81 | cataa | 77 |
| 83 | cttattc | 88 |
| | | |
| 102 | gaatag | 97 |
| 89 | attag | 93 |
| | | |
| 107 | taatc | 103 |
| 100 | aagct | 104 |
| | | |
| 118 | ttcga | 114 |
| 140 | agagt | 144 |
| | | |
| 150 | tctca | 146 |
| 159 | attaaatt | 166 |
| | | |

| | | |
|-----|----------|-----|
| 193 | taatttaa | 186 |
| 162 | aaatt | 166 |
| | | |
| 195 | tttaa | 191 |
| 162 | aaattt | 167 |
| | | |
| 184 | tttaa | 179 |
| 178 | taaatt | 183 |
| | | |
| 191 | atttaa | 186 |
| 179 | aaatt | 183 |
| | | |
| 210 | tttaa | 206 |
| 179 | aaatt | 183 |
| | | |
| 195 | tttaa | 191 |
| 204 | ataat | 208 |
| | | |
| 239 | tatta | 235 |
| 222 | tttaa | 226 |
| | | |
| 251 | aaatt | 247 |
| 244 | ttttt | 248 |
| | | |
| 254 | aaaaa | 250 |
| 244 | ttttt | 248 |
| | | |
| 253 | aaaaa | 249 |
| 247 | ttaaa | 251 |
| | | |
| 280 | aattt | 276 |
| 248 | taaaaa | 253 |
| | | |
| 266 | attttt | 261 |
| 248 | taaaa | 252 |
| | | |
| 260 | atttt | 256 |

| | | |
|-----|---------|-----|
| 250 | aaaaa | 254 |
| | | |
| 265 | ttttt | 261 |
| 294 | tatttt | 299 |
| | | |
| 335 | ataaaa | 330 |
| 345 | taatt | 349 |
| | | |
| 377 | attaa | 373 |
| 358 | tatta | 362 |
| | | |
| 383 | ataat | 379 |
| 379 | taatac | 384 |
| | | |
| 410 | attatg | 405 |
| 385 | tattt | 389 |
| | | |
| 421 | ataaa | 417 |
| 447 | gaaaa | 451 |
| | | |
| 476 | ctttt | 472 |
| 448 | aaaaa | 452 |
| | | |
| 465 | ttttt | 461 |
| 461 | ttttt | 465 |
| | | |
| 489 | aaaaa | 485 |
| 461 | ttttt | 465 |
| | | |
| 488 | aaaaa | 484 |
| 470 | tcttttc | 476 |
| | | |
| 501 | agaaaag | 495 |
| 471 | ctttt | 475 |
| | | |
| 490 | gaaaa | 486 |
| 472 | ttttct | 477 |
| | | |

| | | |
|-----|--------|-----|
| 487 | aaaaga | 482 |
| 473 | tttctt | 478 |
| | | |
| 503 | aaagaa | 498 |
| 532 | tttaa | 536 |
| | | |
| 571 | aaatt | 567 |
| 546 | ttata | 550 |
| | | |
| 557 | aatat | 553 |
| 567 | ttaaa | 571 |
| | | |
| 600 | aattt | 596 |
| 582 | aagat | 586 |
| | | |
| 605 | ttcta | 601 |
| 591 | aattt | 595 |
| | | |
| 616 | ttaaa | 612 |
| 645 | aaaatt | 650 |
| | | |
| 679 | ttttaa | 674 |
| 645 | aaaat | 649 |
| | | |
| 669 | tttta | 665 |
| 651 | ccaaa | 655 |
| | | |
| 671 | ggttt | 667 |
| 653 | aaatt | 657 |
| | | |
| 678 | tttaa | 674 |
| 659 | tttaa | 663 |
| | | |
| 685 | aaatt | 681 |
| 665 | atatt | 669 |
| | | |
| 700 | taaaa | 696 |

| | | |
|-----|---------|-----|
| 675 | atddd | 679 |
| | | |
| 700 | taaaa | 696 |
| 698 | aatata | 703 |
| | | |
| 712 | ttatat | 707 |
| 704 | gaata | 708 |
| | | |
| 713 | cttat | 709 |
| 705 | aatat | 709 |
| | | |
| 743 | ttata | 739 |
| 708 | atatt | 712 |
| | | |
| 742 | tataa | 738 |
| 709 | tattc | 713 |
| | | |
| 732 | ataag | 728 |
| 717 | taaaa | 721 |
| | | |
| 746 | atddd | 742 |
| 739 | atatttt | 745 |
| | | |
| 759 | tataaaa | 753 |
| 742 | tttta | 746 |
| | | |
| 754 | aaaat | 750 |
| 772 | atactt | 777 |
| | | |
| 808 | tatgaa | 803 |
| 791 | cttga | 795 |
| | | |
| 805 | gaact | 801 |
| 837 | aatat | 841 |
| | | |
| 872 | ttata | 868 |
| 837 | aatat | 841 |
| | | |

| | | |
|-----|---------------|-----|
| 865 | ttata | 861 |
| 842 | cttaaa | 847 |
| | | |
| 877 | gaattt | 872 |
| 846 | aattatta | 853 |
| | | |
| 886 | ttaataat | 879 |
| 857 | gaata | 861 |
| | | |
| 866 | cttat | 862 |
| 858 | aatatattcaata | 870 |
| | | |
| 907 | ttatataagttat | 895 |
| 858 | aatat | 862 |
| | | |
| 872 | ttata | 868 |
| 861 | atatt | 865 |
| | | |
| 871 | tataa | 867 |
| 868 | atatt | 872 |
| | | |
| 904 | tataa | 900 |
| 870 | atttta | 875 |
| | | |
| 893 | taaaat | 888 |
| 872 | tttaa | 876 |
| | | |
| 910 | aaatt | 906 |
| 879 | taata | 883 |
| | | |
| 908 | attat | 904 |
| 888 | taaaa | 892 |
| | | |
| 920 | atttt | 916 |
| 889 | aaaatg | 894 |
| | | |
| 917 | ttttac | 912 |

| | | |
|------|---------|------|
| 905 | attaa | 909 |
| | | |
| 933 | taatt | 929 |
| 906 | ttaaa | 910 |
| | | |
| 921 | aattt | 917 |
| 909 | aatcatt | 915 |
| | | |
| 930 | ttagtaa | 924 |
| 920 | aaata | 924 |
| | | |
| 952 | tttat | 948 |
| 962 | ttata | 966 |
| | | |
| 975 | aatat | 971 |
| 971 | tataa | 975 |
| | | |
| 984 | atatt | 980 |
| 990 | attaatt | 996 |
| | | |
| 1033 | taattaa | 1027 |
| 990 | attaa | 994 |
| | | |
| 1029 | taatt | 1025 |
| 1002 | aatat | 1006 |
| | | |
| 1012 | ttata | 1008 |
| 1027 | aatta | 1031 |
| | | |
| 1045 | ttaat | 1041 |
| 1038 | ttata | 1042 |
| | | |
| 1054 | aatat | 1050 |
| 1039 | tataa | 1043 |
| | | |
| 1051 | atatt | 1047 |
| 1057 | atgcct | 1062 |
| | | |

| | | |
|------|-----------|------|
| 1068 | tacgga | 1063 |
| 1071 | ttaat | 1075 |
| | | |
| 1085 | aatta | 1081 |
| 1074 | atttta | 1079 |
| | | |
| 1093 | taaaat | 1088 |
| 1074 | atttta | 1079 |
| | | |
| 1088 | taaaat | 1083 |
| 1083 | taaaataa | 1090 |
| | | |
| 1110 | attttatt | 1103 |
| 1086 | aataa | 1090 |
| | | |
| 1104 | ttatt | 1100 |
| 1086 | aataa | 1090 |
| | | |
| 1101 | ttatt | 1097 |
| 1087 | ataaaataa | 1095 |
| | | |
| 1111 | tattttatt | 1103 |
| 1091 | aataa | 1095 |
| | | |
| 1129 | ttatt | 1125 |
| 1091 | aataa | 1095 |
| | | |
| 1104 | ttatt | 1100 |
| 1091 | aataa | 1095 |
| | | |
| 1101 | ttatt | 1097 |
| 1096 | cttat | 1100 |
| | | |
| 1116 | gaata | 1112 |
| 1107 | tttat | 1111 |
| | | |
| 1123 | aaata | 1119 |

| | | |
|------|-------|------|
| 1111 | tataa | 1115 |
| | | |
| 1132 | atatt | 1128 |
| 1119 | ataaa | 1123 |
| | | |
| 1128 | tattt | 1124 |

Palindromes of: Endeis sp. 1 Intron #1
 Sequence length is: 246
 Start at position: 1
 End at position: 246
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|---------|-----|
| 1 | attaaat | 7 |
| | | |
| 17 | taattta | 11 |
| 12 | tttaa | 16 |
| | | |
| 32 | aaatt | 28 |
| 17 | ttaag | 21 |
| | | |
| 31 | aattc | 27 |
| 91 | gaata | 95 |
| | | |
| 120 | cttat | 116 |
| 92 | aataa | 96 |
| | | |
| 125 | ttatt | 121 |
| 100 | taaaaa | 105 |
| | | |
| 138 | atTTTT | 133 |
| 119 | tctta | 123 |
| | | |
| 141 | agaat | 137 |
| 120 | cttat | 124 |
| | | |
| 149 | gaata | 145 |
| 135 | tttaa | 139 |
| | | |
| 170 | aaatt | 166 |
| 157 | tttaa | 161 |
| | | |

| | | |
|-----|-----------|-----|
| 188 | aaatt | 184 |
| 157 | ttaa | 161 |
| | | |
| 170 | aaatt | 166 |
| 163 | ccttaa | 169 |
| | | |
| 190 | ggaaatt | 184 |
| 165 | tttaa | 170 |
| | | |
| 201 | aaattt | 196 |
| 184 | ttaa | 188 |
| | | |
| 200 | aattt | 196 |
| 191 | attag | 195 |
| | | |
| 223 | taatc | 219 |
| 197 | ttaaaatt | 205 |
| | | |
| 229 | aatttttaa | 221 |
| 207 | taaaa | 211 |
| | | |
| 228 | atttt | 224 |
| 208 | aaaatta | 214 |
| | | |
| 226 | ttttaat | 220 |
| 211 | attaa | 215 |
| | | |
| 230 | taatt | 226 |

Palindromes of: Endeis sp. 1 Intron #2
 Sequence length is: 609
 Start at position: 1
 End at position: 609
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|---------|-----|
| 1 | attat | 5 |
| | | |
| 20 | taata | 16 |
| 13 | aaaat | 17 |
| | | |
| 23 | tttta | 19 |
| 14 | aaataa | 19 |
| | | |
| 35 | tttatt | 30 |
| 30 | ttatt | 34 |
| | | |
| 56 | aataa | 52 |
| 51 | taataaa | 57 |
| | | |
| 86 | attattt | 80 |
| 52 | aataa | 56 |
| | | |
| 88 | ttatt | 84 |
| 55 | aaacc | 59 |
| | | |
| 80 | tttgg | 76 |
| 81 | ttatta | 86 |
| | | |
| 114 | aataat | 109 |
| 83 | attatt | 88 |
| | | |
| 115 | taataa | 110 |
| 97 | attattt | 103 |
| | | |

| | | |
|-----|---------|-----|
| 133 | taataaa | 127 |
| 97 | attat | 101 |
| | | |
| 126 | taata | 122 |
| 97 | attatt | 102 |
| | | |
| 115 | taataa | 110 |
| 98 | ttatt | 102 |
| | | |
| 128 | aataa | 124 |
| 112 | taatt | 116 |
| | | |
| 141 | attaa | 137 |
| 150 | aaaga | 154 |
| | | |
| 174 | tttct | 170 |
| 166 | atthtct | 172 |
| | | |
| 182 | taaaaga | 176 |
| 172 | ttttag | 177 |
| | | |
| 211 | aaaatc | 206 |
| 174 | ttagaa | 179 |
| | | |
| 205 | aatctt | 200 |
| 195 | accta | 199 |
| | | |
| 225 | tgat | 221 |
| 218 | ttgta | 222 |
| | | |
| 255 | aacat | 251 |
| 231 | taaaa | 235 |
| | | |
| 261 | attht | 257 |
| 232 | aaaatt | 237 |
| | | |
| 259 | ttthaa | 254 |

| | | |
|-----|--------|-----|
| 240 | cctcc | 244 |
| | | |
| 269 | ggagg | 265 |
| 255 | atTTTT | 260 |
| | | |
| 287 | taaaaa | 282 |
| 296 | aattat | 301 |
| | | |
| 336 | ttaata | 331 |
| 301 | tattaa | 306 |
| | | |
| 342 | ataatt | 337 |
| 307 | taaaat | 312 |
| | | |
| 339 | atttta | 334 |
| 309 | aatc | 313 |
| | | |
| 322 | tttag | 318 |
| 328 | taaat | 332 |
| | | |
| 363 | attta | 359 |
| 332 | taattt | 337 |
| | | |
| 349 | attaaa | 344 |
| 344 | aaatta | 349 |
| | | |
| 362 | tttaat | 357 |
| 359 | atttac | 364 |
| | | |
| 391 | taaatg | 386 |
| 386 | gtaaa | 390 |
| | | |
| 406 | cattt | 402 |
| 387 | taaat | 391 |
| | | |
| 417 | attta | 413 |
| 392 | aatat | 396 |
| | | |

| | | |
|-----|---------|-----|
| 428 | ttata | 424 |
| 400 | ctttta | 405 |
| | | |
| 421 | gaaat | 416 |
| 401 | tttta | 405 |
| | | |
| 413 | aaaat | 409 |
| 403 | ttacttt | 409 |
| | | |
| 424 | aatgaaa | 418 |
| 407 | tttaaa | 412 |
| | | |
| 419 | aaattt | 414 |
| 409 | taaaa | 413 |
| | | |
| 440 | atddd | 436 |
| 410 | aaaat | 414 |
| | | |
| 438 | tttta | 434 |
| 416 | taaaa | 420 |
| | | |
| 440 | atddd | 436 |
| 432 | ttatt | 436 |
| | | |
| 454 | aataa | 450 |
| 436 | ttttatt | 442 |
| | | |
| 456 | aaaataa | 450 |
| 450 | aataa | 454 |
| | | |
| 473 | ttatt | 469 |
| 451 | ataaaa | 456 |
| | | |
| 490 | tatddd | 485 |
| 476 | taaat | 480 |
| | | |
| 496 | attda | 492 |

| | | |
|-----|--------|-----|
| 480 | tgggc | 484 |
| | | |
| 502 | acccg | 498 |
| 547 | attata | 552 |
| | | |
| 576 | taatat | 571 |
| 571 | tataa | 575 |
| | | |
| 604 | atatt | 600 |
| 573 | taatta | 578 |
| | | |
| 591 | attaat | 586 |
| 575 | attaa | 579 |
| | | |
| 593 | taatt | 589 |

Palindromes of: Endeis sp.1 Intron #3
 Sequence length is: 295
 Start at position: 1
 End at position: 295
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|---------|-----|
| 4 | tattt | 8 |
| | | |
| 22 | ataaa | 18 |
| 38 | ataaa | 42 |
| | | |
| 65 | tattt | 61 |
| 59 | tattt | 63 |
| | | |
| 86 | ataaa | 82 |
| 63 | tattt | 67 |
| | | |
| 86 | ataaa | 82 |
| 71 | aattag | 76 |
| | | |
| 92 | ttaatc | 87 |
| 79 | ttaaaat | 85 |
| | | |
| 96 | aatttta | 90 |
| 88 | taatttt | 94 |
| | | |
| 117 | attaaaa | 111 |
| 92 | tttaa | 96 |
| | | |
| 119 | aaatt | 115 |
| 105 | tgaag | 109 |
| | | |
| 132 | acttc | 128 |
| 110 | aaaaa | 114 |
| | | |

| | | |
|-----|---------|-----|
| 146 | ttttt | 142 |
| 120 | tataa | 124 |
| | | |
| 149 | atatt | 145 |
| 142 | ttttta | 147 |
| | | |
| 168 | aaaaat | 163 |
| 143 | ttttat | 148 |
| | | |
| 180 | aaaata | 175 |
| 155 | aatttt | 160 |
| | | |
| 170 | ttaaaa | 165 |
| 156 | attttat | 162 |
| | | |
| 181 | taaaata | 175 |
| 157 | tttta | 161 |
| | | |
| 167 | aaaat | 163 |
| 159 | ttatt | 163 |
| | | |
| 183 | aataa | 179 |
| 163 | taaaa | 167 |
| | | |
| 194 | atttt | 190 |
| 165 | aaaatt | 170 |
| | | |
| 193 | ttttaa | 188 |
| 168 | atttt | 172 |
| | | |
| 181 | taaaa | 177 |
| 176 | taaaat | 181 |
| | | |
| 194 | atttta | 189 |
| 203 | tttttt | 208 |
| | | |
| 231 | aaaaaa | 226 |

| | | |
|-----|---------|-----|
| 203 | tttttt | 208 |
| | | |
| 230 | aaaaaa | 225 |
| 203 | ttttttg | 209 |
| | | |
| 229 | aaaaaac | 223 |
| 247 | tttact | 252 |
| | | |
| 278 | aatga | 273 |
| 254 | ttact | 258 |
| | | |
| 277 | aatga | 273 |

Palindromes of: Endeis sp.1 Intron #4
 Sequence length is: 196
 Start at position: 1
 End at position: 196
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|---------|-----|
| 10 | atatt | 14 |
| | | |
| 28 | tataa | 24 |
| 14 | ttaact | 19 |
| | | |
| 25 | aattga | 20 |
| 19 | tagtt | 23 |
| | | |
| 35 | atcaa | 31 |
| 130 | attat | 134 |
| | | |
| 156 | taata | 152 |
| 131 | ttata | 135 |
| | | |
| 168 | aatat | 164 |
| 155 | atattta | 161 |
| | | |
| 172 | tataaat | 166 |
| 156 | tattt | 160 |
| | | |
| 190 | ataaa | 186 |
| 157 | attta | 161 |
| | | |
| 193 | taaata | 189 |
| 165 | ataaa | 169 |
| | | |
| 180 | tattt | 176 |
| 166 | taaata | 171 |
| | | |

| | | |
|-----|---------|-----|
| 183 | atztat | 178 |
| 176 | tttattt | 182 |
| | | |
| 192 | aaataaa | 186 |
| 179 | attta | 183 |
| | | |
| 193 | taaat | 189 |

Palindromes of: Endeis sp.1 Intron #5
 Sequence length is: 96
 Start at position: 1
 End at position: 96
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|----------|----|
| 23 | attaatt | 29 |
| | | |
| 54 | taattaa | 48 |
| 26 | aatta | 30 |
| | | |
| 55 | ttaat | 51 |
| 39 | taaaat | 44 |
| | | |
| 69 | atttta | 64 |
| 41 | aaataa | 46 |
| | | |
| 72 | tttatt | 67 |
| 52 | aattt | 56 |
| | | |
| 66 | ttaa | 62 |
| 57 | aaataaaa | 64 |
| | | |
| 72 | tttat | 65 |
| 65 | tttta | 69 |
| | | |
| 95 | aaaat | 91 |

Palindromes of: Endeis sp.1 Intron #6
 Sequence length is: 181
 Start at position: 1
 End at position: 181
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|---------|----|
| 10 | attat | 14 |
| | | |
| 26 | taata | 22 |
| 15 | aaagt | 19 |
| | | |
| 54 | tttca | 50 |
| 16 | aagtta | 21 |
| | | |
| 31 | ttcaat | 26 |
| 19 | ttaat | 23 |
| | | |
| 41 | aatta | 37 |
| 19 | ttaataa | 25 |
| | | |
| 36 | aattatt | 30 |
| 23 | taataa | 28 |
| | | |
| 35 | attatt | 30 |
| 33 | ttaa | 37 |
| | | |
| 57 | aattt | 53 |
| 38 | ttaaaa | 43 |
| | | |
| 57 | aatttt | 52 |
| 52 | tttta | 56 |
| | | |
| 73 | aaaat | 69 |
| 53 | tttaa | 58 |
| | | |

| | | |
|-----|-------------|-----|
| 92 | aaattt | 87 |
| 69 | taaaa | 73 |
| 90 | atttt | 86 |
| 69 | taaaa | 73 |
| 85 | atttt | 81 |
| 72 | aaaataa | 78 |
| 89 | ttttatt | 83 |
| 83 | ttattt | 88 |
| 95 | aataaa | 90 |
| 89 | taa | 93 |
| 101 | attta | 97 |
| 94 | aagattt | 100 |
| 124 | ttctaaa | 118 |
| 121 | tcttt | 125 |
| 156 | agaaa | 152 |

Palindromes of: Endeis sp.2 Intro #1
 Sequence length is: 149
 Start at position: 1
 End at position: 149
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|----------|-----|
| 1 | attaaat | 7 |
| | | |
| 17 | taattta | 11 |
| 6 | ataaaa | 11 |
| | | |
| 33 | tatttt | 28 |
| 12 | tttaat | 17 |
| | | |
| 40 | aaatta | 35 |
| 28 | tttta | 32 |
| | | |
| 41 | aaaat | 37 |
| 90 | aatcatcc | 97 |
| | | |
| 107 | ttagtagg | 100 |
| 106 | ttataa | 111 |
| | | |
| 146 | aatatt | 141 |
| 108 | ataaa | 112 |
| | | |
| 139 | tattt | 135 |
| 108 | ataaa | 112 |
| | | |
| 134 | tattt | 130 |
| 116 | taaaa | 120 |
| | | |
| 138 | atttt | 134 |
| 116 | taaaa | 120 |
| | | |

| | | |
|-----|-------|-----|
| 133 | atddd | 129 |
| 128 | atddd | 134 |
| | | |
| 149 | taaaa | 143 |
| 133 | atddd | 139 |
| | | |
| 149 | taaaa | 143 |

Palindromes of: Endeis sp.2 Intron #2
 Sequence length is: 660
 Start at position: 1
 End at position: 660
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|-----|--------------|----|
| 35 | taa | 39 |
| | | |
| 48 | att | 44 |
| | | |
| 36 | aa | 41 |
| | | |
| 71 | tt | 66 |
| | | |
| 38 | att | 42 |
| | | |
| 57 | ta | 53 |
| | | |
| 39 | tt | 45 |
| | | |
| 59 | aa | 53 |
| | | |
| 42 | tt | 46 |
| | | |
| 59 | aa | 55 |
| | | |
| 44 | att | 49 |
| | | |
| 80 | taa | 75 |
| | | |
| 45 | tt | 50 |
| | | |
| 60 | aa | 55 |
| | | |
| 54 | ta | 58 |
| | | |
| 90 | att | 86 |
| | | |
| 60 | agtagctaattt | 71 |
| | | |
| 103 | tcatcgattaa | 92 |
| | | |
| 86 | tattaa | 93 |
| | | |

| | | |
|-----|------------|-----|
| 113 | ataat | 106 |
| 91 | aaaattag | 98 |
| | | |
| 109 | ttttaatc | 102 |
| 106 | tttta | 110 |
| | | |
| 122 | aaaat | 118 |
| 108 | ttaat | 112 |
| | | |
| 136 | aatta | 132 |
| 112 | tattt | 116 |
| | | |
| 149 | ataaa | 145 |
| 114 | tttct | 118 |
| | | |
| 146 | aaaga | 142 |
| 141 | aagaa | 145 |
| | | |
| 159 | ttctt | 155 |
| 142 | agaaa | 146 |
| | | |
| 177 | tcttt | 173 |
| 145 | aaataaaaaa | 154 |
| | | |
| 175 | tttatttttt | 166 |
| 149 | aaaaa | 153 |
| | | |
| 162 | ttttt | 158 |
| 150 | aaaaa | 154 |
| | | |
| 162 | ttttt | 158 |
| 164 | ccttt | 168 |
| | | |
| 182 | ggaaa | 178 |
| 168 | tttta | 172 |
| | | |
| 191 | aaaat | 187 |

| | | |
|-----|---------|-----|
| 171 | tattt | 175 |
| | | |
| 193 | ataaa | 189 |
| 174 | ttctaa | 179 |
| | | |
| 213 | aagatt | 208 |
| 200 | cattat | 205 |
| | | |
| 228 | gtaata | 223 |
| 223 | ataat | 227 |
| | | |
| 256 | tatta | 252 |
| 246 | agaat | 250 |
| | | |
| 285 | tctta | 281 |
| 253 | ttata | 257 |
| | | |
| 291 | aatat | 287 |
| 253 | ttatata | 259 |
| | | |
| 279 | aatatat | 273 |
| 254 | tatat | 258 |
| | | |
| 276 | atata | 272 |
| 256 | tataaa | 261 |
| | | |
| 290 | atattt | 285 |
| 275 | tataa | 279 |
| | | |
| 290 | atatt | 286 |
| 280 | cattc | 284 |
| | | |
| 308 | gtaag | 304 |
| 280 | cattc | 284 |
| | | |
| 303 | gtaag | 299 |
| 316 | gggtaa | 321 |
| | | |

| | | |
|-----|----------|-----|
| 334 | cccatt | 329 |
| 354 | ttaaa | 358 |
| | | |
| 376 | aattt | 372 |
| 355 | taaaa | 359 |
| | | |
| 388 | atddd | 384 |
| 372 | tttaa | 376 |
| | | |
| 407 | aaatt | 403 |
| 372 | tttaa | 376 |
| | | |
| 400 | aaatt | 396 |
| 380 | agttt | 384 |
| | | |
| 402 | tcaaa | 398 |
| 382 | ttttt | 386 |
| | | |
| 421 | aaaaa | 417 |
| 382 | ttttt | 386 |
| | | |
| 409 | aaaaa | 405 |
| 383 | ttttta | 388 |
| | | |
| 421 | aaaaat | 416 |
| 383 | ttttta | 388 |
| | | |
| 409 | aaaaat | 404 |
| 392 | cccttt | 397 |
| | | |
| 424 | gggaaa | 419 |
| 395 | tttaaa | 400 |
| | | |
| 407 | aaattt | 402 |
| 403 | ttaaaaag | 410 |
| | | |
| 438 | aatttttc | 431 |

| | | |
|-----|----------|-----|
| 416 | taaaaagg | 423 |
| | | |
| 437 | atTTTTcc | 430 |
| 475 | attaa | 479 |
| | | |
| 505 | taatt | 501 |
| 489 | agtact | 494 |
| | | |
| 517 | tcatga | 512 |
| 501 | ttaataa | 507 |
| | | |
| 523 | aattatt | 517 |
| 504 | ataat | 508 |
| | | |
| 527 | tatta | 523 |
| 542 | atttta | 547 |
| | | |
| 568 | taaaat | 563 |
| 551 | agagta | 556 |
| | | |
| 580 | tctcat | 575 |
| 555 | tattt | 559 |
| | | |
| 569 | ataaa | 565 |
| 565 | aaata | 569 |
| | | |
| 590 | tttat | 586 |
| 594 | acaaa | 598 |
| | | |
| 625 | tgttt | 621 |
| 614 | aaaag | 618 |
| | | |
| 623 | ttttc | 619 |
| 635 | taata | 639 |
| | | |
| 654 | attat | 650 |
| 642 | ataat | 646 |
| | | |

659 tatta 655

643 taata 647

|||||

654 attat 650

Palindromes of: Decolopoda australis Intron #1
 Sequence length is: 216
 Start at position: 1
 End at position: 216
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|-----------|----|
| 1 | ataaat | 6 |
| | | |
| 30 | tattta | 25 |
| 4 | aatta | 8 |
| | | |
| 39 | ttaat | 35 |
| 4 | aatta | 8 |
| | | |
| 15 | ttaat | 11 |
| 11 | taattataa | 19 |
| | | |
| 40 | attaatatt | 32 |
| 11 | taatt | 15 |
| | | |
| 25 | attaa | 21 |
| 16 | ataaa | 20 |
| | | |
| 30 | tattt | 26 |
| 21 | aattat | 26 |
| | | |
| 39 | ttaata | 34 |
| 33 | tataa | 37 |
| | | |
| 72 | atatt | 68 |
| 39 | taaaa | 43 |
| | | |
| 70 | atttt | 66 |
| 42 | aaaag | 46 |
| | | |

| | | |
|-----|--------|-----|
| 69 | ttttc | 65 |
| 49 | aacta | 53 |
| | | |
| 62 | ttgat | 58 |
| 65 | ctttta | 70 |
| | | |
| 87 | gaaaat | 82 |
| 78 | aattt | 82 |
| | | |
| 111 | ttaa | 107 |
| 80 | tttaa | 84 |
| | | |
| 108 | aaatt | 104 |
| 82 | taaaa | 86 |
| | | |
| 114 | atttt | 110 |
| 89 | aaaat | 93 |
| | | |
| 113 | tttta | 109 |
| 94 | attat | 98 |
| | | |
| 132 | taata | 128 |
| 101 | taatt | 105 |
| | | |
| 126 | attaa | 122 |
| 102 | aatta | 106 |
| | | |
| 133 | ttaat | 129 |
| 104 | ttaa | 108 |
| | | |
| 136 | aattt | 132 |
| 105 | taaaa | 109 |
| | | |
| 114 | atttt | 110 |
| 107 | aaatt | 111 |
| | | |
| 134 | tttaa | 130 |

| | | |
|-----|-----------|-----|
| 108 | aatttt | 113 |
| | | |
| 141 | ttaaaa | 136 |
| 108 | aatttt | 113 |
| | | |
| 125 | ttaaaa | 120 |
| 110 | tttta | 114 |
| | | |
| 138 | aaaat | 134 |
| 120 | aaaat | 124 |
| | | |
| 146 | tttta | 142 |
| 121 | aaattaaa | 128 |
| | | |
| 151 | tttaattt | 144 |
| 121 | aaatta | 126 |
| | | |
| 134 | tttaat | 129 |
| 124 | ttaaat | 129 |
| | | |
| 153 | aattta | 148 |
| 124 | ttaaat | 129 |
| | | |
| 136 | aattta | 131 |
| 126 | aaataattt | 134 |
| | | |
| 145 | tttattaaa | 137 |
| 132 | tttaaa | 137 |
| | | |
| 154 | aaattt | 149 |
| 133 | ttaaaa | 138 |
| | | |
| 148 | aatttt | 143 |
| 136 | aaaat | 140 |
| | | |
| 146 | tttta | 142 |
| 137 | aaatta | 142 |
| | | |

| | | |
|-----|--------|-----|
| 151 | tttaat | 146 |
| 141 | tathtt | 146 |
| | | |
| 173 | ataaaa | 168 |
| 143 | ttttaa | 148 |
| | | |
| 155 | aaaatt | 150 |
| 151 | taaaag | 156 |
| | | |
| 190 | attttc | 185 |
| 168 | aaaat | 172 |
| | | |
| 204 | tttta | 200 |
| 186 | tttta | 190 |
| | | |
| 213 | aaaat | 209 |
| 188 | ttatg | 192 |
| | | |
| 197 | aatac | 193 |
| 201 | ttttaa | 206 |
| | | |
| 213 | aaaatt | 208 |

Palindromes of:Decolopoda australis Intron #2
 Sequence length is: 826
 Start at position: 1
 End at position: 825
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|---------------|----|
| 6 | at t t t | 10 |
| | | |
| 22 | ta a a a | 18 |
| 7 | tt t t a | 11 |
| | | |
| 20 | aaa a t | 16 |
| 8 | tt t a a | 12 |
| | | |
| 46 | aa a t t | 42 |
| 15 | ata a a a | 19 |
| | | |
| 52 | tatt t t | 48 |
| 15 | ata a a a | 19 |
| | | |
| 38 | tatt t t | 34 |
| 20 | aata a a g | 26 |
| | | |
| 39 | ttatt t t c | 33 |
| 21 | ata a a g t | 27 |
| | | |
| 52 | tatt t t c a | 46 |
| 39 | taatt t a a a | 46 |
| | | |
| 81 | atta a t t t | 74 |
| 39 | taatt t | 43 |
| | | |
| 71 | att a a | 67 |
| 48 | ttt a t | 52 |
| | | |

| | | |
|-----|----------|-----|
| 85 | aaata | 81 |
| 54 | ttata | 58 |
| | | |
| 84 | aatat | 80 |
| 66 | aaatt | 70 |
| | | |
| 90 | tttaa | 86 |
| 67 | aatta | 71 |
| | | |
| 80 | ttaat | 76 |
| 74 | tttaatt | 80 |
| | | |
| 114 | aaattaa | 108 |
| 80 | tataaaa | 86 |
| | | |
| 94 | atatttt | 88 |
| 83 | aaaaa | 87 |
| | | |
| 100 | ttttt | 96 |
| 86 | aattt | 90 |
| | | |
| 124 | ttaaa | 120 |
| 86 | aattttat | 93 |
| | | |
| 111 | ttaaaata | 104 |
| 88 | tttta | 92 |
| | | |
| 115 | aaaat | 111 |
| 89 | tttat | 93 |
| | | |
| 122 | aaata | 118 |
| 95 | ctttt | 99 |
| | | |
| 116 | gaaaa | 112 |
| 139 | ttata | 143 |
| | | |
| 169 | aatat | 165 |

| | | |
|-----|----------|-----|
| 171 | atddd | 175 |
| | | |
| 188 | taaaa | 184 |
| 172 | tttta | 176 |
| | | |
| 185 | aaaat | 181 |
| 180 | ataaa | 184 |
| | | |
| 218 | tattt | 214 |
| 180 | ataaa | 184 |
| | | |
| 204 | tattt | 200 |
| 186 | aataaag | 192 |
| | | |
| 205 | ttatttc | 199 |
| 187 | ataaag | 192 |
| | | |
| 218 | tatttc | 213 |
| 205 | taattaa | 212 |
| | | |
| 247 | attaattt | 240 |
| 205 | taatt | 209 |
| | | |
| 237 | attaa | 233 |
| 214 | tttat | 218 |
| | | |
| 251 | aaata | 247 |
| 220 | ttata | 224 |
| | | |
| 250 | aatat | 246 |
| 232 | aaatt | 236 |
| | | |
| 256 | tttaa | 252 |
| 233 | aatta | 237 |
| | | |
| 246 | ttaat | 242 |
| 240 | tttaatt | 246 |
| | | |

| | | |
|-----|----------|-----|
| 280 | aaattaa | 274 |
| 246 | tataaaa | 252 |
| | | |
| 260 | atatttt | 254 |
| 249 | aaaaa | 253 |
| | | |
| 266 | ttttt | 262 |
| 252 | aattt | 256 |
| | | |
| 290 | ttaa | 286 |
| 252 | aattttat | 259 |
| | | |
| 277 | ttaaaata | 270 |
| 254 | tttta | 258 |
| | | |
| 281 | aaaat | 277 |
| 255 | tttat | 259 |
| | | |
| 288 | aaata | 284 |
| 305 | ttata | 309 |
| | | |
| 335 | aatat | 331 |
| 337 | atttt | 341 |
| | | |
| 354 | taaaa | 350 |
| 338 | tttta | 342 |
| | | |
| 351 | aaaat | 347 |
| 346 | ataaa | 350 |
| | | |
| 384 | tattt | 380 |
| 346 | ataaa | 350 |
| | | |
| 370 | tattt | 366 |
| 352 | aataaag | 358 |
| | | |
| 371 | ttatttc | 365 |

| | | |
|-----|----------|-----|
| 353 | ataaag | 358 |
| | | |
| 384 | tatttc | 379 |
| 371 | taattaa | 378 |
| | | |
| 413 | attaattt | 406 |
| 371 | taatt | 375 |
| | | |
| 403 | attaa | 399 |
| 380 | tttat | 384 |
| | | |
| 417 | aaata | 413 |
| 386 | ttata | 390 |
| | | |
| 416 | aatat | 412 |
| 398 | aaatt | 402 |
| | | |
| 422 | tttaa | 418 |
| 399 | aatta | 403 |
| | | |
| 412 | ttaat | 408 |
| 406 | tttaatt | 412 |
| | | |
| 446 | aaattaa | 440 |
| 412 | tataaaa | 418 |
| | | |
| 426 | atatttt | 420 |
| 415 | aaaaa | 419 |
| | | |
| 432 | ttttt | 428 |
| 418 | aattt | 422 |
| | | |
| 456 | ttaaa | 452 |
| 418 | aattttat | 425 |
| | | |
| 443 | ttaaata | 436 |
| 420 | tttta | 424 |
| | | |

| | | |
|-----|----------|-----|
| 447 | aaaat | 443 |
| 421 | tttat | 425 |
| | | |
| 454 | aaata | 450 |
| 471 | ttata | 475 |
| | | |
| 501 | aatat | 497 |
| 503 | athtt | 507 |
| | | |
| 520 | taaaa | 516 |
| 504 | tttta | 508 |
| | | |
| 517 | aaaat | 513 |
| 512 | ataaa | 516 |
| | | |
| 550 | tattt | 546 |
| 512 | ataaa | 516 |
| | | |
| 536 | tattt | 532 |
| 518 | aataaag | 524 |
| | | |
| 537 | ttatttc | 531 |
| 519 | ataaag | 524 |
| | | |
| 550 | tatttc | 545 |
| 537 | taattaaa | 544 |
| | | |
| 579 | attaattt | 572 |
| 537 | taatt | 541 |
| | | |
| 569 | attaa | 565 |
| 546 | tttat | 550 |
| | | |
| 583 | aaata | 579 |
| 552 | ttata | 556 |
| | | |
| 582 | aatat | 578 |

| | | |
|-----|----------|-----|
| 564 | aaatt | 568 |
| | | |
| 588 | tttaa | 584 |
| 565 | aatta | 569 |
| | | |
| 578 | ttaat | 574 |
| 572 | tttaatt | 578 |
| | | |
| 612 | aaattaa | 606 |
| 578 | tataaaa | 584 |
| | | |
| 592 | atatttt | 586 |
| 581 | aaaaa | 585 |
| | | |
| 598 | ttttt | 594 |
| 584 | aattt | 588 |
| | | |
| 622 | ttaaa | 618 |
| 584 | aattttat | 591 |
| | | |
| 609 | ttaaaata | 602 |
| 586 | tttta | 590 |
| | | |
| 613 | aaaat | 609 |
| 587 | tttat | 591 |
| | | |
| 620 | aaata | 616 |
| 637 | ttata | 641 |
| | | |
| 667 | aatat | 663 |
| 669 | atatt | 673 |
| | | |
| 686 | taaaa | 682 |
| 670 | tttta | 674 |
| | | |
| 683 | aaaat | 679 |
| 678 | ataaa | 682 |
| | | |

| | | |
|-----|------------|-----|
| 716 | tat | 712 |
| 678 | ataaa | 682 |
| 702 | tat | 698 |
| 684 | aataaag | 690 |
| 703 | ttat | 697 |
| 685 | ataaag | 690 |
| 716 | tat | 711 |
| 703 | taattaa | 710 |
| 745 | atta | 738 |
| 703 | taatt | 707 |
| 735 | atta | 731 |
| 712 | ttat | 716 |
| 749 | aata | 745 |
| 718 | ttata | 722 |
| 748 | aat | 744 |
| 730 | aaatt | 734 |
| 754 | ttta | 750 |
| 731 | aatta | 735 |
| 744 | tta | 740 |
| 738 | tttaatt | 744 |
| 778 | aaatta | 772 |
| 744 | tataaaa | 750 |
| 758 | at | 752 |
| 747 | aaaa | 751 |
| 764 | tt | 760 |

| | | |
|-----|----------|-----|
| 748 | aaaattt | 754 |
| | | |
| 790 | ttttaa | 784 |
| 750 | aattttat | 757 |
| | | |
| 775 | ttaaaata | 768 |
| 752 | tttta | 756 |
| | | |
| 779 | aaaat | 775 |
| 753 | tttat | 757 |
| | | |
| 786 | aaata | 782 |
| 759 | ctttt | 763 |
| | | |
| 780 | gaaaa | 776 |
| 769 | taaaatt | 775 |
| | | |
| 791 | attttaa | 785 |
| 771 | aaatt | 775 |
| | | |
| 796 | tttaa | 792 |
| 774 | ttaaaa | 779 |
| | | |
| 792 | aatttt | 787 |
| 781 | aataa | 785 |
| | | |
| 813 | ttatt | 809 |
| 781 | aataa | 785 |
| | | |
| 810 | ttatt | 806 |
| 783 | taaat | 787 |
| | | |
| 820 | attta | 816 |
| 783 | taaattt | 789 |
| | | |
| 797 | atttaa | 791 |
| 785 | aatttt | 790 |
| | | |

| | | |
|-----|--------|-----|
| 807 | ttaaaa | 802 |
| 789 | ttaa | 794 |
| | | |
| 821 | aattta | 816 |
| 792 | aattt | 796 |
| | | |
| 807 | ttaa | 803 |
| 806 | ttatta | 811 |
| | | |
| 824 | aataat | 819 |
| 809 | ttatt | 813 |
| | | |
| 824 | aataa | 820 |

Palindromes of: *Colossendeis brevirostris* Intron #1
 Sequence length is: 120
 Start at position: 1
 End at position: 120
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|---------|----|
| 1 | tattat | 6 |
| | | |
| 13 | ataata | 8 |
| 1 | tatta | 5 |
| | | |
| 10 | ataat | 6 |
| 3 | ttataat | 9 |
| | | |
| 27 | aatatta | 21 |
| 8 | ataat | 12 |
| | | |
| 25 | tatta | 21 |
| 18 | taaatt | 23 |
| | | |
| 32 | atttaa | 27 |
| 30 | ttaaaa | 35 |
| | | |
| 44 | aatttt | 39 |
| 38 | atttta | 43 |
| | | |
| 52 | taaaat | 47 |
| 47 | taaaa | 51 |
| | | |
| 84 | atttt | 80 |
| 58 | aaaag | 62 |
| | | |
| 83 | tttct | 79 |
| 80 | ttttat | 85 |
| | | |

| | | |
|-----|--------|-----|
| 104 | aaaata | 99 |
| 82 | ttata | 86 |
| | | |
| 91 | aatat | 87 |
| 95 | ttcaat | 100 |
| | | |
| 112 | aagtta | 107 |
| 104 | aaaat | 108 |
| | | |
| 120 | tttta | 116 |
| 111 | aaaat | 115 |
| | | |
| 120 | tttta | 116 |

Palindromes of: *Colossendeis brevirostris* Intron #2
 Sequence length is: 200
 Start at position: 1
 End at position: 200
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|--------|----|
| 4 | ttata | 8 |
| | | |
| 30 | aatat | 26 |
| 25 | ttata | 29 |
| | | |
| 50 | aatat | 46 |
| 26 | tataa | 30 |
| | | |
| 58 | atatt | 54 |
| 36 | aatta | 40 |
| | | |
| 73 | ttaat | 69 |
| 45 | ctata | 49 |
| | | |
| 84 | gatat | 80 |
| 46 | tataa | 50 |
| | | |
| 58 | atatt | 54 |
| 52 | aattat | 57 |
| | | |
| 73 | ttaata | 68 |
| 55 | tatat | 59 |
| | | |
| 83 | atata | 79 |
| 65 | aaaat | 69 |
| | | |
| 91 | tttta | 87 |
| 87 | atddd | 91 |
| | | |

| | | |
|-----|---------|-----|
| 103 | taaaa | 99 |
| 88 | tttta | 92 |
| | | |
| 101 | aaaat | 97 |
| 96 | ataaa | 100 |
| | | |
| 119 | tattt | 115 |
| 101 | aataaag | 107 |
| | | |
| 120 | ttatttc | 114 |
| 115 | tttatt | 120 |
| | | |
| 126 | aaataa | 121 |
| 126 | actaaat | 132 |
| | | |
| 144 | tgattta | 138 |
| 135 | tatat | 139 |
| | | |
| 174 | atata | 170 |
| 144 | taaaa | 148 |
| | | |
| 180 | atttt | 176 |
| 145 | aaaat | 149 |
| | | |
| 178 | tttta | 174 |
| 148 | attat | 152 |
| | | |
| 162 | taata | 158 |
| 152 | tactt | 156 |
| | | |
| 186 | atgaa | 182 |
| 158 | ataat | 162 |
| | | |
| 192 | tatta | 188 |
| 158 | ataat | 162 |
| | | |
| 171 | tatta | 167 |

| | | |
|-----|---------|-----|
| 162 | taaaaat | 168 |
| | | |
| 180 | attttta | 174 |
| 168 | ttata | 172 |
| | | |
| 194 | aatat | 190 |

Palindromes of: *Colossendeis robusta* Intron #1
 Sequence length is: 111
 Start at position: 1
 End at position: 111
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|--------|----|
| 17 | taaaa | 21 |
| | | |
| 29 | atddd | 25 |
| 23 | atddd | 28 |
| | | |
| 40 | taaaaa | 35 |
| 24 | ttttt | 28 |
| | | |
| 50 | aaaaa | 46 |
| 24 | ttttt | 28 |
| | | |
| 49 | aaaaa | 45 |
| 24 | ttttt | 28 |
| | | |
| 48 | aaaaa | 44 |
| 24 | ttttt | 28 |
| | | |
| 47 | aaaaa | 43 |
| 24 | ttttt | 28 |
| | | |
| 38 | aaaaa | 34 |
| 24 | ttttt | 28 |
| | | |
| 37 | aaaaa | 33 |
| 47 | aaaagt | 52 |
| | | |
| 69 | ttttca | 64 |
| 66 | ttttat | 71 |
| | | |

| | | |
|-----|---------|-----|
| 91 | aaaata | 86 |
| 78 | aaatt | 82 |
| | | |
| 96 | ttaa | 92 |
| 79 | aatta | 83 |
| | | |
| 109 | ttaat | 105 |
| 85 | aataaa | 90 |
| | | |
| 104 | ttattt | 99 |
| 85 | aataaaa | 91 |
| | | |
| 100 | ttatttt | 94 |

Palindromes of: *Colossendeis robusta* Intron #2
 Sequence length is: 747
 Start at position: 1
 End at position: 747
 Minimum length of Palindromes is: 5
 Maximum length of Palindromes is: 30
 Maximum gap between elements is: 30
 Number of mismatches allowed in Palindrome: 0

Palindromes:

| | | |
|----|----------|----|
| 10 | atatt | 14 |
| | | |
| 28 | taaaa | 24 |
| 26 | aataaag | 32 |
| | | |
| 45 | ttatttc | 39 |
| 27 | ataaag | 32 |
| | | |
| 57 | tatttc | 52 |
| 40 | ttattaa | 47 |
| | | |
| 72 | aaataatt | 65 |
| 40 | ttatt | 45 |
| | | |
| 51 | aaataa | 46 |
| 47 | ataaa | 51 |
| | | |
| 57 | tattt | 53 |
| 53 | tttat | 57 |
| | | |
| 90 | aaata | 86 |
| 53 | tttat | 57 |
| | | |
| 72 | aaata | 68 |
| 54 | ttatc | 58 |
| | | |
| 86 | aatag | 82 |
| 69 | taaaa | 73 |
| | | |

| | | |
|-----|---------|-----|
| 105 | atddd | 101 |
| 70 | aaaat | 74 |
| | | |
| 103 | tttta | 99 |
| 83 | ataat | 87 |
| | | |
| 96 | tatta | 92 |
| 87 | taaaaat | 93 |
| | | |
| 105 | atdddta | 99 |
| 99 | atdddta | 105 |
| | | |
| 131 | taaaaat | 125 |
| 99 | atddd | 103 |
| | | |
| 115 | taaaa | 111 |
| 101 | tttta | 105 |
| | | |
| 114 | aaaat | 110 |
| 112 | aaatta | 117 |
| | | |
| 151 | tttaat | 146 |
| 113 | aatta | 117 |
| | | |
| 146 | ttaat | 142 |
| 128 | aaatta | 133 |
| | | |
| 151 | tttaat | 146 |
| 129 | aatta | 133 |
| | | |
| 146 | ttaat | 142 |
| 132 | tatat | 136 |
| | | |
| 160 | atata | 156 |
| 139 | aattaa | 144 |
| | | |
| 150 | ttaatt | 145 |

| | | |
|-----|----------|-----|
| 151 | taaaa | 155 |
| | | |
| 168 | atddd | 164 |
| 153 | aaaat | 157 |
| | | |
| 167 | tttta | 163 |
| 163 | atddd | 167 |
| | | |
| 181 | taaaa | 177 |
| 179 | aataaag | 185 |
| | | |
| 198 | ttatddd | 192 |
| 193 | tttattaa | 200 |
| | | |
| 229 | aaataatt | 222 |
| 193 | tttatt | 198 |
| | | |
| 204 | aaataa | 199 |
| 198 | taata | 202 |
| | | |
| 213 | attat | 209 |
| 209 | tatta | 213 |
| | | |
| 245 | ataat | 241 |
| 209 | tatta | 213 |
| | | |
| 227 | ataat | 223 |
| 226 | taaaa | 230 |
| | | |
| 262 | atddd | 258 |
| 227 | aaaat | 231 |
| | | |
| 260 | tttta | 256 |
| 240 | ataat | 244 |
| | | |
| 253 | tatta | 249 |
| 244 | taaaaat | 250 |
| | | |

| | | |
|-----|-------------|-----|
| 262 | atthtta | 256 |
| 256 | atthtta | 262 |
| 288 | taaaat | 282 |
| 256 | attht | 260 |
| 272 | taaaa | 268 |
| 258 | thtta | 262 |
| 271 | aaaat | 267 |
| 269 | aaatta | 274 |
| 308 | thtaat | 303 |
| 270 | aaatta | 274 |
| 303 | thtaat | 299 |
| 285 | aaatta | 290 |
| 308 | thtaat | 303 |
| 286 | aaatta | 290 |
| 303 | thtaat | 299 |
| 289 | tatat | 293 |
| 317 | atata | 313 |
| 296 | aatthaa | 301 |
| 307 | thtaatt | 302 |
| 308 | taaaa | 312 |
| 325 | attht | 321 |
| 310 | aaaat | 314 |
| 324 | thtta | 320 |
| 320 | attht | 324 |
| 338 | taaaa | 334 |

| | | |
|-----|----------|-----|
| 336 | aataaag | 342 |
| | | |
| 355 | ttatttc | 349 |
| 350 | tttattaa | 357 |
| | | |
| 385 | aaataatt | 378 |
| 350 | tttatt | 355 |
| | | |
| 361 | aaataa | 356 |
| 365 | atata | 369 |
| | | |
| 377 | tatat | 373 |
| 382 | taaaa | 386 |
| | | |
| 418 | atddd | 414 |
| 383 | aaaat | 387 |
| | | |
| 416 | tttta | 412 |
| 396 | ataat | 400 |
| | | |
| 409 | tatta | 405 |
| 400 | taaaaat | 406 |
| | | |
| 418 | atdddta | 412 |
| 412 | atdddta | 418 |
| | | |
| 444 | taaaaat | 438 |
| 412 | atddd | 416 |
| | | |
| 428 | taaaa | 424 |
| 414 | tttta | 418 |
| | | |
| 427 | aaaat | 423 |
| 425 | aaatta | 430 |
| | | |
| 464 | tttaat | 459 |
| 426 | aatta | 430 |
| | | |

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| 459 | ttaat | 455 |
| 441 | aaatta | 446 |
| | | |
| 464 | ttaat | 459 |
| 442 | aatta | 446 |
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| 459 | ttaat | 455 |
| 445 | tatat | 449 |
| | | |
| 473 | atata | 469 |
| 452 | aattaa | 457 |
| | | |
| 463 | ttaatt | 458 |
| 464 | taaaa | 468 |
| | | |
| 481 | atddd | 477 |
| 466 | aaaat | 470 |
| | | |
| 480 | tttta | 476 |
| 476 | atddd | 480 |
| | | |
| 494 | taaaa | 490 |
| 492 | aataaag | 498 |
| | | |
| 511 | ttatddd | 505 |
| 494 | taaag | 498 |
| | | |
| 524 | atddd | 520 |
| 506 | tttattaa | 513 |
| | | |
| 540 | aaataatt | 533 |
| 506 | tttatt | 511 |
| | | |
| 517 | aaataa | 512 |
| 537 | taaaa | 541 |
| | | |
| 573 | atddd | 569 |

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|-----|---------|-----|
| 538 | aaaat | 542 |
| | | |
| 571 | tttta | 567 |
| 551 | ataat | 555 |
| | | |
| 564 | tatta | 560 |
| 555 | taaaaat | 561 |
| | | |
| 573 | attttta | 567 |
| 567 | attttta | 573 |
| | | |
| 599 | taaaaat | 593 |
| 567 | atttt | 571 |
| | | |
| 583 | taaaa | 579 |
| 569 | tttta | 573 |
| | | |
| 582 | aaaat | 578 |
| 580 | aaatta | 585 |
| | | |
| 619 | tttaat | 614 |
| 581 | aatta | 585 |
| | | |
| 614 | ttaat | 610 |
| 596 | aaatta | 601 |
| | | |
| 619 | tttaat | 614 |
| 597 | aatta | 601 |
| | | |
| 614 | ttaat | 610 |
| 600 | tatat | 604 |
| | | |
| 628 | atata | 624 |
| 607 | aattaa | 612 |
| | | |
| 618 | ttaatt | 613 |
| 619 | taaaa | 623 |
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| 636 | atddd | 632 |
| 621 | aaaat | 625 |
| | | |
| 635 | tttta | 631 |
| 631 | atddd | 635 |
| | | |
| 649 | taaaa | 645 |
| 647 | aataaag | 653 |
| | | |
| 666 | ttatddd | 660 |
| 648 | ataaag | 653 |
| | | |
| 678 | tatddd | 673 |
| 661 | tttattda | 668 |
| | | |
| 693 | aaataatt | 686 |
| 661 | tttatt | 666 |
| | | |
| 672 | aaataa | 667 |
| 668 | ataaa | 672 |
| | | |
| 678 | tattt | 674 |
| 674 | tttat | 678 |
| | | |
| 711 | aaata | 707 |
| 674 | tttat | 678 |
| | | |
| 693 | aaata | 689 |
| 675 | ttatc | 679 |
| | | |
| 707 | aatag | 703 |
| 690 | taaaa | 694 |
| | | |
| 726 | atddd | 722 |
| 691 | aaaat | 695 |
| | | |
| 724 | tttta | 720 |

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| 704 | ataat | 708 |
| | | |
| 739 | tatta | 735 |
| 704 | ataat | 708 |
| | | |
| 717 | tatta | 713 |
| 708 | taaaaat | 714 |
| | | |
| 726 | attttta | 720 |
| 714 | ttata | 718 |
| | | |
| 741 | aatat | 737 |
| 720 | atttt | 724 |
| | | |
| 736 | taaaa | 732 |
| 722 | tttta | 726 |
| | | |
| 735 | aaaat | 731 |
| 724 | ttaaa | 728 |
| | | |
| 747 | aattt | 743 |