Supplementary table 5.

| Chromosome | startR   | stopR   | strand | repeat                  |
|------------|----------|---------|--------|-------------------------|
| 1          | 430608   | 431780  | +      | Target "Motif:L1_TC" 3641 4823 |
| 1          | 1001422  | 1003258 | +      | Target "Motif:L1_TC" 2382 4225 |
| 1          | 1001422  | 1003258 | +      | Target "Motif:L1_TC" 2382 4225 |
| 1          | 1003249  | 1003440 | +      | Target "Motif:L1_TC" 4624 4814 |
| 1          | 1008658  | 1008733 | +      | Target "Motif:L1_TC" 137 212  |
| 1          | 1031930  | 1035365 | +      | Target "Motif:L1_TC" 694 4225 |
| 1          | 1031930  | 1035365 | +      | Target "Motif:L1_TC" 694 4225 |
| 1          | 1035356  | 1035551 | +      | Target "Motif:L1_TC" 4624 4819 |
| 1          | 1058840  | 1059670 | +      | Target "Motif:L1_TC" 3395 4225 |
| 1          | 1058840  | 1059670 | +      | Target "Motif:L1_TC" 3395 4225 |
| 1          | 1059661  | 1059857 | +      | Target "Motif:L1_TC" 4624 4819 |
| 1          | 1679513  | 1679729 | -      | Target "Motif:L1_TC" 1 213  |
| 1          | 1916646  | 1916877 | +      | Target "Motif:L1_TC" 1 248  |
| 1          | 2499942  | 2500018 | -      | Target "Motif:L1_TC" 1 55  |
| 1          | 2502956  | 2503186 | -      | Target "Motif:L1_TC" 1 248  |
| 1          | 2675347  | 2680117 | +      | Target "Motif:L1_TC" 4 4815  |
| 1          | 2675347  | 2680117 | +      | Target "Motif:L1_TC" 4 4815  |
| 10         | 381843   | 383172  | -      | Target "Motif:L1_TC" 3483 4826 |
| 10         | 381843   | 383172  | -      | Target "Motif:L1_TC" 3483 4826 |
| 11         | 109985   | 114884  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 109985   | 114884  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 109985   | 114884  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 197619   | 202508  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 197619   | 202508  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 197619   | 202508  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 197619   | 202508  | -      | Target "Motif:L1_TC" 1 4831 |
| 11         | 259362   | 264081  | +      | Target "Motif:L1_TC" 2 4821 |
| 11         | 259362   | 264081  | +      | Target "Motif:L1_TC" 2 4821 |
| 11         | 268396   | 273114  | -      | Target "Motif:L1_TC" 2 4818 |
| 11         | 268396   | 273114  | -      | Target "Motif:L1_TC" 2 4818 |
| 11         | 268396   | 273114  | -      | Target "Motif:L1_TC" 2 4818 |
| 11         | 1009721  | 1014428 | +      | Target "Motif:L1_TC" 1 4817 |
| 11         | 1009721  | 1014428 | +      | Target "Motif:L1_TC" 1 4817 |
| 11         | 1009721  | 1014428 | +      | Target "Motif:L1_TC" 1 4817 |
| 11         | 1022495  | 1027206 | +      | Target "Motif:L1_TC" 1 4817 |
| 12         | 11016    | 11233   | +      | Target "Motif:L1_TC" 1 219  |
| 12         | 18312    | 18531   | +      | Target "Motif:L1_TC" 1 219  |
| 12         | 942743   | 947477  | -      | Target "Motif:L1_TC" 139 4821 |
| 12         | 942743   | 947477  | -      | Target "Motif:L1_TC" 139 4821 |
| 12         | 942743   | 947477  | -      | Target "Motif:L1_TC" 139 4821 |
| 13         | 9258     | 9477    | +      | Target "Motif:L1_TC" 1 219  |
|   |   |   |   |   |
|---|---|---|---|---|
| 13 | 141400 | 146029 | - | Target "Motif:L1_TC" 1 4820 |
| 13 | 141400 | 146029 | - | Target "Motif:L1_TC" 1 4820 |
| 13 | 141400 | 146029 | - | Target "Motif:L1_TC" 1 4820 |
| 13 | 181360 | 185978 | - | Target "Motif:L1_TC" 1 4820 |
| 13 | 210763 | 215392 | + | Target "Motif:L1_TC" 1 4820 |
| 13 | 572525 | 577231 | + | Target "Motif:L1_TC" 1 4819 |
| 13 | 572525 | 577231 | + | Target "Motif:L1_TC" 1 4819 |
| 13 | 591542 | 596233 | + | Target "Motif:L1_TC" 1 4816 |
| 13 | 935561 | 940228 | + | Target "Motif:L1_TC" 1 4818 |
| 13 | 951407 | 956105 | + | Target "Motif:L1_TC" 1 4821 |
| 13 | 951407 | 956105 | + | Target "Motif:L1_TC" 1 4821 |
| 13 | 951407 | 956105 | + | Target "Motif:L1_TC" 1 4821 |
| 14 | 276423 | 277747 | - | Target "Motif:L1_TC" 3481 4815 |
| 14 | 419944 | 421253 | + | Target "Motif:L1_TC" 3496 4824 |
| 14 | 451996 | 456860 | - | Target "Motif:L1_TC" 1 4825 |
| 14 | 508542 | 509847 | - | Target "Motif:L1_TC" 3496 4821 |
| 14 | 548430 | 549743 | + | Target "Motif:L1_TC" 3496 4823 |
| 14 | 567042 | 568356 | + | Target "Motif:L1_TC" 3496 4816 |
| 15 | 114454 | 114684 | + | Target "Motif:L1_TC" 1 255 |
| 15 | 268014 | 268351 | - | Target "Motif:L1_TC" 4477 4815 |
| 15 | 279491 | 279810 | - | Target "Motif:L1_TC" 165 488 |
| 15 | 290295 | 290565 | - | Target "Motif:L1_TC" 4546 4820 |
| 15 | 290295 | 290565 | - | Target "Motif:L1_TC" 4546 4820 |
| 15 | 290295 | 290565 | - | Target "Motif:L1_TC" 4546 4820 |
| 15 | 290295 | 290565 | - | Target "Motif:L1_TC" 4546 4820 |
| 15 | 290557 | 290915 | - | Target "Motif:L1_TC" 3655 4049 |
| 15 | 297023 | 297242 | - | Target "Motif:L1_TC" 1 219 |
| 15 | 307262 | 312058 | - | Target "Motif:L1_TC" 1 4819 |
| 15 | 307262 | 312058 | - | Target "Motif:L1_TC" 1 4819 |
| 15 | 307262 | 312058 | - | Target "Motif:L1_TC" 1 4819 |
| 15 | 436115 | 440815 | - | Target "Motif:L1_TC" 4 4824 |
| 15 | 447695 | 448874 | - | Target "Motif:L1_TC" 3641 4821 |
| 15 | 781761 | 781976 | + | Target "Motif:L1_TC" 1 213 |
| 16 | 168555 | 168783 | + | Target "Motif:L1_TC" 1 248 |
| 16 | 358227 | 358512 | - | Target "Motif:L1_TC" 4546 4830 |
| 16 | 358505 | 358870 | - | Target "Motif:L1_TC" 3655 4048 |
| 16 | 363652 | 363929 | - | Target "Motif:L1_TC" 4546 4822 |
| 16 | 363922 | 364285 | - | Target "Motif:L1_TC" 3655 4048 |
| 16 | 368651 | 368923 | - | Target "Motif:L1_TC" 4546 4821 |
| 16 | 368915 | 372585 | - | Target "Motif:L1_TC" 180 4049 |
| 16 | 368915 | 372585 | - | Target "Motif:L1_TC" 180 4049 |
| 16 | 387900 | 388176 | - | Target "Motif:L1_TC" 4546 4822 |
| 16 | 388168 | 391842 | - | Target "Motif:L1_TC" 180 4049 |
| 16 | 405912 | 406186 | - | Target "Motif:L1_TC" 4546 4821 |
| 16 | 406178 | 409851 | - | Target "Motif:L1_TC" 180 4049 |
| 16 | 414878 | 415153 | - | Target "Motif:L1_TC" 4546 4821 |
| 16 | 415145 | 415511 | - | Target "Motif:L1_TC" 3655 4049 |
| 16 | 420825 | 421100 | - | Target "Motif:L1_TC" 4546 4821 |
| 16 | 421092 | 424768 | - | Target "Motif:L1_TC" 180 4049 |
| 16 | 443712 | 443927 | + | Target "Motif:L1_TC" 1 213 |
| 16 | 450012 | 450369 | + | Target "Motif:L1_TC" 3655 4049 |
| 16 | 450361 | 450634 | + | Target "Motif:L1_TC" 4546 4821 |
| 16 | 451879 | 455539 | + | Target "Motif:L1_TC" 180 4049 |
| 16 | 455531 | 455806 | + | Target "Motif:L1_TC" 4546 4822 |
| 16 | 476035 | 479707 | + | Target "Motif:L1_TC" 180 4049 |
| 16 | 479699 | 479984 | + | Target "Motif:L1_TC" 4546 4830 |
| 16 | 481295 | 481511 | - | Target "Motif:L1_TC" 1 213 |
| 16 | 481522 | 485970 | - | Target "Motif:L1_TC" 180 4822 |
| 16 | 481522 | 485970 | - | Target "Motif:L1_TC" 180 4822 |
| 16 | 488310 | 488621 | + | Target "Motif:L1_TC" 180 491 |
| 16 | 499728 | 500053 | + | Target "Motif:L1_TC" 4481 4815 |
| 16 | 503986 | 506375 | + | Target "Motif:L1_TC" 2388 4826 |
| 16 | 508899 | 510037 | + | Target "Motif:L1_TC" 3681 4823 |
| 16 | 510048 | 514788 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 510048 | 514788 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 514799 | 519539 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 514799 | 519539 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 514799 | 519539 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 519550 | 524290 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 519550 | 524290 | + | Target "Motif:L1_TC" 1 4823 |
| 16 | 524301 | 528596 | + | Target "Motif:L1_TC" 1 4382 |
| 16 | 533518 | 538319 | + | Target "Motif:L1_TC" 1 4826 |
| 16 | 533518 | 538319 | + | Target "Motif:L1_TC" 1 4826 |
| 16 | 533518 | 538319 | + | Target "Motif:L1_TC" 1 4826 |
| 16 | 543615 | 547887 | - | Target "Motif:L1_TC" 1 4384 |
| 16 | 548042 | 552720 | + | Target "Motif:L1_TC" 1 4819 |
| 16 | 559119 | 562822 | + | Target "Motif:L1_TC" 1016 4824 |
| 16 | 583595 | 588331 | - | Target "Motif:L1_TC" 1 4824 |
| 16 | 583595 | 588331 | - | Target "Motif:L1_TC" 1 4824 |
| 16 | 588342 | 590382 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 588342 | 590382 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 593093 | 597834 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 593093 | 597834 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 597845 | 602588 | - | Target "Motif:L1_TC" 1 4823 |
|   |   |   |   | Target "Motif:L1_TC" 1 4823 |
|---|---|---|---|-----------------------------|
| 16 | 597845 | 602588 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 602599 | 607332 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 602599 | 607332 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 602599 | 607332 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 607343 | 608492 | - | Target "Motif:L1_TC" 3681 4822 |
| 16 | 608869 | 611191 | - | Target "Motif:L1_TC" 1 2256 |
| 16 | 611200 | 616076 | - | Target "Motif:L1_TC" 1 4826 |
| 16 | 616072 | 619805 | - | Target "Motif:L1_TC" 990 4827 |
| 16 | 620951 | 624651 | - | Target "Motif:L1_TC" 1 3787 |
| 16 | 624661 | 629394 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 624661 | 629394 | - | Target "Motif:L1_TC" 1 4823 |
| 16 | 629285 | 629526 | + | Target "Motif:L1_TC" 68 287 |
| 16 | 629405 | 632544 | - | Target "Motif:L1_TC" 1662 4823 |
| 16 | 642623 | 647360 | - | Target "Motif:L1_TC" 4 4821 |
| 16 | 642623 | 647360 | - | Target "Motif:L1_TC" 4 4821 |
| 16 | 642623 | 647360 | - | Target "Motif:L1_TC" 4 4821 |
| 16 | 662899 | 665324 | + | Target "Motif:L1_TC" 2388 4826 |
| 16 | 662899 | 665324 | + | Target "Motif:L1_TC" 2388 4826 |
| 16 | 671906 | 672007 | + | Target "Motif:L1_TC" 3641 3745 |
| 16 | 1125894 | 1130709 | - | Target "Motif:L1_TC" 1 4826 |
| 16 | 1125894 | 1130709 | - | Target "Motif:L1_TC" 1 4826 |
| 16 | 1125894 | 1130709 | - | Target "Motif:L1_TC" 1 4826 |
| 16 | 1125894 | 1130709 | - | Target "Motif:L1_TC" 1 4826 |
| 16 | 1284201 | 1284445 | - | Target "Motif:L1_TC" 1 248 |
| 18 | 173376 | 178061 | - | Target "Motif:L1_TC" 1 4818 |
| 18 | 173376 | 178061 | - | Target "Motif:L1_TC" 1 4818 |
| 18 | 173376 | 178061 | - | Target "Motif:L1_TC" 1 4818 |
| 18 | 180412 | 183231 | - | Target "Motif:L1_TC" 102 3010 |
| 18 | 180412 | 183231 | - | Target "Motif:L1_TC" 102 3010 |
| 18 | 183227 | 183286 | - | Target "Motif:L1_TC" 1 59 |
| 18 | 481591 | 481719 | + | Target "Motif:L1_TC" 1 103 |
| 18 | 760375 | 765171 | + | Target "Motif:L1_TC" 1 4823 |
| 19 | 4189 | 8851 | - | Target "Motif:L1_TC" 1 4820 |
| 19 | 16952 | 21571 | - | Target "Motif:L1_TC" 1 4821 |
| 19 | 16952 | 21571 | - | Target "Motif:L1_TC" 1 4821 |
| 19 | 16952 | 21571 | - | Target "Motif:L1_TC" 1 4821 |
| 19 | 36657 | 41356 | - | Target "Motif:L1_TC" 1 4822 |
| 19 | 36657 | 41356 | - | Target "Motif:L1_TC" 1 4822 |
| 19 | 43495 | 46988 | - | Target "Motif:L1_TC" 1 3679 |
| 19 | 55134 | 59753 | - | Target "Motif:L1_TC" 1 4822 |
| 19 | 55134 | 59753 | - | Target "Motif:L1_TC" 1 4822 |
| 19 | 55134 | 59753 | - | Target "Motif:L1_TC" 1 4822 |
| 19 | 67802 | 72400 | - | Target "Motif:L1_TC" 1 4822 |
|   |   |   |      |      |                  |
|---|---|---|------|------|------------------|
| 19| 67802| 72400| - | Target "Motif:L1_TC" 1 4822 |
| 19| 67802| 72400| - | Target "Motif:L1_TC" 1 4822 |
| 19| 80489| 85096| - | Target "Motif:L1_TC" 1 4821 |
| 19| 80489| 85096| - | Target "Motif:L1_TC" 1 4821 |
| 19| 283395| 283615| - | Target "Motif:L1_TC" 1 218 |
| 19| 318551| 323116| + | Target "Motif:L1_TC" 154 4828 |
| 19| 323127| 323346| + | Target "Motif:L1_TC" 1 218 |
| 19| 323390| 323750| - | Target "Motif:L1_TC" 3643 4006 |
| 19| 508847| 513575| + | Target "Motif:L1_TC" 1 4825 |
| 19| 508847| 513575| + | Target "Motif:L1_TC" 1 4825 |
| 19| 508847| 513575| + | Target "Motif:L1_TC" 1 4825 |
| 19| 518184| 518245| + | Target "Motif:L1_TC" 4742 4802 |
| 2| 18185| 18590| - | Target "Motif:L1_TC" 4417 4825 |
| 2| 207257| 207478| + | Target "Motif:L1_TC" 2 219 |
| 2| 254546| 254609| - | Target "Motif:L1_TC" 4 67 |
| 2| 1634380| 1634609| + | Target "Motif:L1_TC" 4 248 |
| 2| 1634639| 1638908| + | Target "Motif:L1_TC" 600 4815 |
| 2| 1634639| 1638908| + | Target "Motif:L1_TC" 600 4815 |
| 2| 1647166| 1649434| + | Target "Motif:L1_TC" 2521 4828 |
| 2| 1649444| 1654316| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1649444| 1654316| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1654323| 1658722| + | Target "Motif:L1_TC" 1 4412 |
| 2| 1660334| 1664858| + | Target "Motif:L1_TC" 352 4831 |
| 2| 1660334| 1664858| + | Target "Motif:L1_TC" 352 4831 |
| 2| 1660334| 1664858| + | Target "Motif:L1_TC" 352 4831 |
| 2| 1664869| 1665087| + | Target "Motif:L1_TC" 1 218 |
| 2| 1665154| 1670038| + | Target "Motif:L1_TC" 1 4831 |
| 2| 1665154| 1670038| + | Target "Motif:L1_TC" 1 4831 |
| 2| 1665154| 1670038| + | Target "Motif:L1_TC" 1 4831 |
| 2| 1672216| 1677104| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1672216| 1677104| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1672216| 1677104| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1677115| 1678715| + | Target "Motif:L1_TC" 1 1612 |
| 2| 1682670| 1687524| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1682670| 1687524| + | Target "Motif:L1_TC" 1 4827 |
| 2| 1699517| 1702312| + | Target "Motif:L1_TC" 1 2739 |
| 21| 142595| 145945| - | Target "Motif:L1_TC" 1391 4816 |
| 21| 142595| 145945| - | Target "Motif:L1_TC" 1391 4816 |
| 21| 150340| 151712| - | Target "Motif:L1_TC" 1 1390 |
| 21| 447651| 447871| + | Target "Motif:L1_TC" 1 218 |
| 22| 5341| 8708| - | Target "Motif:L1_TC" 1257 4778 |
| 22| 5341| 8708| - | Target "Motif:L1_TC" 1257 4778 |
| 22| 84961| 89578| + | Target "Motif:L1_TC" 1 4820 |
| 22 | 105292 | 109913 | + | Target "Motif:L1_TC" 14821 |
| 22 | 105292 | 109913 | + | Target "Motif:L1_TC" 14821 |
| 22 | 223249 | 226813 | + | Target "Motif:L1_TC" 1128 4822 |
| 22 | 266699 | 271309 | - | Target "Motif:L1_TC" 14820 |
| 22 | 319314 | 323927 | + | Target "Motif:L1_TC" 14821 |
| 22 | 319314 | 323927 | + | Target "Motif:L1_TC" 14821 |
| 22 | 328725 | 333337 | + | Target "Motif:L1_TC" 14821 |
| 22 | 328725 | 333337 | + | Target "Motif:L1_TC" 14821 |
| 22 | 338123 | 342746 | + | Target "Motif:L1_TC" 14820 |
| 22 | 391706 | 395814 | - | Target "Motif:L1_TC" 14315 |
| 22 | 539675 | 541024 | - | Target "Motif:L1_TC" 1128 2544 |
| 22 | 539675 | 541024 | - | Target "Motif:L1_TC" 1128 2544 |
| 22 | 575052 | 576371 | - | Target "Motif:L1_TC" 3483 4818 |
| 22 | 685577 | 688029 | - | Target "Motif:L1_TC" 1 2544 |
| 22 | 685577 | 688029 | - | Target "Motif:L1_TC" 1 2544 |
| 22 | 688286 | 688334 | + | Target "Motif:L1_TC" 2 49 |
| 23 | 5342 | 9855 | + | Target "Motif:L1_TC" 114 4824 |
| 23 | 72819 | 77692 | - | Target "Motif:L1_TC" 14824 |
| 23 | 72819 | 77692 | - | Target "Motif:L1_TC" 14824 |
| 23 | 340583 | 341890 | + | Target "Motif:L1_TC" 3496 4821 |
| 23 | 347879 | 349168 | + | Target "Motif:L1_TC" 3496 4815 |
| 23 | 359895 | 360116 | + | Target "Motif:L1_TC" 3496 3723 |
| 23 | 366053 | 367329 | + | Target "Motif:L1_TC" 3496 4815 |
| 23 | 371685 | 372786 | + | Target "Motif:L1_TC" 3690 4815 |
| 23 | 383508 | 384820 | + | Target "Motif:L1_TC" 3496 4819 |
| 24 | 20026 | 24716 | + | Target "Motif:L1_TC" 14815 |
| 24 | 157886 | 162585 | + | Target "Motif:L1_TC" 14815 |
| 24 | 157886 | 162585 | + | Target "Motif:L1_TC" 14815 |
| 24 | 344874 | 349561 | - | Target "Motif:L1_TC" 14817 |
| 24 | 432306 | 436926 | + | Target "Motif:L1_TC" 2 4815 |
| 24 | 475130 | 479820 | - | Target "Motif:L1_TC" 1 4816 |
| 24 | 539792 | 542922 | - | Target "Motif:L1_TC" 1669 4823 |
| 24 | 539792 | 542922 | - | Target "Motif:L1_TC" 1669 4823 |
| 24 | 539792 | 542922 | - | Target "Motif:L1_TC" 1669 4823 |
| 24 | 545992 | 548372 | - | Target "Motif:L1_TC" 1 2320 |
| 24 | 548384 | 553263 | - | Target "Motif:L1_TC" 1 4831 |
| 24 | 548384 | 553263 | - | Target "Motif:L1_TC" 1 4831 |
| 24 | 559615 | 562730 | - | Target "Motif:L1_TC" 1669 4825 |
| 24 | 559615 | 562730 | - | Target "Motif:L1_TC" 1669 4825 |
| 24 | 563518 | 568384 | - | Target "Motif:L1_TC" 1 4822 |
| 24 | 568391 | 573275 | - | Target "Motif:L1_TC" 1 4828 |
| 24 | 575449 | 578601 | - | Target "Motif:L1_TC" 1663 4831 |
|   |     |     |     | Target "Motif:L1_TC"  |
|---|-----|-----|-----|-----------------------|
| 24 | 578592 | 579531 | - | 1 947 |
| 24 | 585884 | 590680 | - | 16 4829 |
| 24 | 585884 | 590680 | - | 16 4829 |
| 24 | 585884 | 590680 | - | 16 4829 |
| 24 | 590741 | 590958 | - | 1 218 |
| 24 | 590968 | 594115 | - | 1669 4831 |
| 24 | 597379 | 600795 | - | 1391 4825 |
| 24 | 601217 | 602549 | - | 48 1396 |
| 24 | 601217 | 602549 | - | 48 1396 |
| 26 | 534115 | 534333 | - | 1 219 |
| 27 | 68138 | 68373 | - | 1 240 |
| 27 | 174006 | 174410 | - | 4417 4826 |
| 27 | 197593 | 200718 | - | 1669 4824 |
| 27 | 205979 | 206386 | - | 4417 4826 |
| 27 | 491421 | 496192 | - | 1 4822 |
| 28 | 415941 | 420764 | - | 1 4831 |
| 28 | 415941 | 420764 | - | 1 4831 |
| 29 | 8199 | 8413 | - | 1 213 |
| 29 | 31195 | 31409 | - | 1 213 |
| 29 | 308681 | 309493 | - | 3994 4807 |
| 29 | 309489 | 314204 | + | 1 4807 |
| 29 | 309489 | 314204 | + | 1 4807 |
| 3 | 178515 | 178738 | + | 1 219 |
| 3 | 657157 | 661683 | + | 1 144 4824 |
| 3 | 657157 | 661683 | + | 1 144 4824 |
| 3 | 699983 | 701465 | + | 1 144 1620 |
| 3 | 701412 | 704448 | + | 1 1697 4824 |
| 3 | 701412 | 704448 | + | 1 1697 4824 |
| 3 | 705361 | 707811 | + | 2393 4826 |
| 3 | 707807 | 707893 | + | 160 248 |
| 3 | 707819 | 712682 | + | 1 4826 |
| 3 | 707819 | 712682 | + | 1 4826 |
| 3 | 712669 | 717511 | + | 1 4829 |
| 3 | 712669 | 717511 | + | 1 4829 |
| 3 | 717520 | 722390 | + | 1 4830 |
| 3 | 717520 | 722390 | + | 1 4830 |
| 3 | 717520 | 722390 | + | 1 4830 |
| 3 | 722400 | 727248 | + | 1 4822 |
| 3 | 731459 | 736325 | + | 1 4828 |
| 3 | 731459 | 736325 | + | 1 4828 |
| 3 | 736335 | 741210 | + | 1 4823 |
| 3 | 746542 | 746760 | + | 1 218 |
| 3 | 748991 | 750767 | + | 1 1783 |
| 3 | 750616 | 753857 | + | Target "Motif:L1_TC" 1571 4826 |
| 3 | 750616 | 753857 | + | Target "Motif:L1_TC" 1571 4826 |
| 3 | 753865 | 754280 | + | Target "Motif:L1_TC" 1418 |
| 3 | 755632 | 757341 | + | Target "Motif:L1_TC" 3105 4830 |
| 3 | 763614 | 768449 | + | Target "Motif:L1_TC" 14826 |
| 3 | 764859 | 769390 | + | Target "Motif:L1_TC" 1943 |
| 3 | 769694 | 772683 | + | Target "Motif:L1_TC" 1669 4700 |
| 3 | 772684 | 777567 | + | Target "Motif:L1_TC" 14831 |
| 3 | 772684 | 777567 | + | Target "Motif:L1_TC" 14831 |
| 3 | 775799 | 777799 | + | Target "Motif:L1_TC" 1218 |
| 3 | 777862 | 782752 | + | Target "Motif:L1_TC" 14831 |
| 3 | 777862 | 782752 | + | Target "Motif:L1_TC" 14831 |
| 3 | 784932 | 789360 | + | Target "Motif:L1_TC" 14382 |
| 3 | 790689 | 795521 | + | Target "Motif:L1_TC" 14827 |
| 3 | 795529 | 799265 | + | Target "Motif:L1_TC" 13679 |
| 3 | 803751 | 808488 | + | Target "Motif:L1_TC" 124 4821 |
| 3 | 814686 | 819554 | + | Target "Motif:L1_TC" 14831 |
| 3 | 821682 | 823303 | + | Target "Motif:L1_TC" 11615 |
| 3 | 828568 | 833323 | + | Target "Motif:L1_TC" 124 4827 |
| 3 | 828568 | 833323 | + | Target "Motif:L1_TC" 124 4827 |
| 3 | 828568 | 833323 | + | Target "Motif:L1_TC" 124 4827 |
| 3 | 843872 | 845498 | + | Target "Motif:L1_TC" 11639 |
| 3 | 843872 | 845498 | + | Target "Motif:L1_TC" 11639 |
| 3 | 845475 | 849354 | + | Target "Motif:L1_TC" 988 4828 |
| 3 | 845475 | 849354 | + | Target "Motif:L1_TC" 988 4828 |
| 3 | 853553 | 858438 | + | Target "Motif:L1_TC" 14830 |
| 3 | 853553 | 858438 | + | Target "Motif:L1_TC" 14830 |
| 3 | 853553 | 858438 | + | Target "Motif:L1_TC" 14830 |
| 3 | 853553 | 858438 | + | Target "Motif:L1_TC" 14830 |
| 3 | 860615 | 865052 | + | Target "Motif:L1_TC" 14382 |
| 3 | 860615 | 865052 | + | Target "Motif:L1_TC" 14382 |
| 3 | 872316 | 877200 | + | Target "Motif:L1_TC" 14831 |
| 3 | 872316 | 877200 | + | Target "Motif:L1_TC" 14831 |
| 3 | 877213 | 877433 | + | Target "Motif:L1_TC" 1218 |
| 3 | 879658 | 879877 | + | Target "Motif:L1_TC" 1218 |
| 3 | 880761 | 882870 | + | Target "Motif:L1_TC" 2710 4829 |
| 3 | 882880 | 887769 | + | Target "Motif:L1_TC" 14827 |
| 3 | 882880 | 887769 | + | Target "Motif:L1_TC" 14827 |
| 3 | 882880 | 887769 | + | Target "Motif:L1_TC" 14827 |
| 3 | 887756 | 887852 | + | Target "Motif:L1_TC" 160 248 |
| 3 | 887777 | 892659 | + | Target "Motif:L1_TC" 14829 |
|   |       |       |   |                              |
|---|-------|-------|---|------------------------------|
| 3 | 887777 | 892659 | + | Target "Motif:L1_TC" 1 4829 |
| 3 | 887777 | 892659 | + | Target "Motif:L1_TC" 1 4829 |
| 3 | 887777 | 892659 | + | Target "Motif:L1_TC" 1 4829 |
| 3 | 892669 | 892889 | + | Target "Motif:L1_TC" 1 218  |
| 3 | 892950 | 897819 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 892950 | 897819 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 892950 | 897819 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 897815 | 898047 | + | Target "Motif:L1_TC" 1 245  |
| 3 | 898107 | 902978 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 898107 | 902978 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 905143 | 907928 | + | Target "Motif:L1_TC" 1 2739 |
| 3 | 914728 | 919560 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 914728 | 919560 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 921724 | 922024 | + | Target "Motif:L1_TC" 1 300  |
| 3 | 927498 | 931990 | + | Target "Motif:L1_TC" 1 4458 |
| 3 | 934022 | 934265 | + | Target "Motif:L1_TC" 4584 4827 |
| 3 | 936258 | 941062 | + | Target "Motif:L1_TC" 1 4798 |
| 3 | 942995 | 946305 | + | Target "Motif:L1_TC" 1436 4828 |
| 3 | 942995 | 946305 | + | Target "Motif:L1_TC" 1436 4828 |
| 3 | 946313 | 951195 | + | Target "Motif:L1_TC" 1 4831 |
| 3 | 951204 | 951401 | + | Target "Motif:L1_TC" 1 198  |
| 3 | 951460 | 956268 | + | Target "Motif:L1_TC" 1 4819 |
| 3 | 951460 | 956268 | + | Target "Motif:L1_TC" 1 4819 |
| 3 | 1103263| 1103350| - | Target "Motif:L1_TC" 2080 2166|
| 3 | 1103488| 1104384| + | Target "Motif:L1_TC" 1201 2166|
| 3 | 1155528| 1155624| + | Target "Motif:L1_TC" 11 220 |
| 3 | 1155620| 1155663| + | Target "Motif:L1_TC" 4777 4819|
| 31| 157083 | 159605 | + | Target "Motif:L1_TC" 1 2544 |
| 31| 157083 | 159605 | + | Target "Motif:L1_TC" 1 2544 |
| 31| 460365 | 464350 | + | Target "Motif:L1_TC" 750 4818|
| 31| 460365 | 464350 | + | Target "Motif:L1_TC" 750 4818|
| 32| 14394  | 19058  | + | Target "Motif:L1_TC" 31 4825 |
| 32| 25558  | 25663  | + | Target "Motif:L1_TC" 3641 3745|
| 32| 653743 | 658337 | + | Target "Motif:L1_TC" 106 4816|
| 32| 653743 | 658337 | + | Target "Motif:L1_TC" 106 4816|
| 32| 653743 | 658337 | + | Target "Motif:L1_TC" 106 4816|
| 32| 660473 | 665083 | + | Target "Motif:L1_TC" 106 4816|
| 32| 660473 | 665083 | + | Target "Motif:L1_TC" 106 4816|
| 32| 816289 | 816507 | + | Target "Motif:L1_TC" 1 218  |
| 32| 977807 | 982522 | + | Target "Motif:L1_TC" 1 4820 |
| 32| 995399 | 996578 | - | Target "Motif:L1_TC" 3641 4825|
| 33| 25832  | 30453  | + | Target "Motif:L1_TC" 1 4821 |
|   |     |     |   | Target "Motif:L1_TC" |     |
|---|-----|-----|---|----------------------|-----|
| 33| 25832 | 30453 | + | Target "Motif:L1_TC" | 1 4821 |
| 33| 50759 | 55379 | + | Target "Motif:L1_TC" | 1 4821 |
| 33| 67969 | 72615 | + | Target "Motif:L1_TC" | 1 4820 |
| 33| 67969 | 72615 | + | Target "Motif:L1_TC" | 1 4820 |
| 33| 67969 | 72615 | + | Target "Motif:L1_TC" | 1 4820 |
| 33| 127272 | 131973 | + | Target "Motif:L1_TC" | 1 4821 |
| 35| 8413 | 9719 | - | Target "Motif:L1_TC" | 3496 4827 |
| 35| 8413 | 9719 | - | Target "Motif:L1_TC" | 3496 4827 |
| 35| 16162 | 17467 | - | Target "Motif:L1_TC" | 3496 4826 |
| 35| 16162 | 17467 | - | Target "Motif:L1_TC" | 3496 4826 |
| 35| 38856 | 40175 | - | Target "Motif:L1_TC" | 3481 4815 |
| 35| 69093 | 70657 | + | Target "Motif:L1_TC" | 1 1600 |
| 35| 70669 | 73667 | + | Target "Motif:L1_TC" | 1 697 4822 |
| 35| 88678 | 90266 | + | Target "Motif:L1_TC" | 1 1620 |
| 35| 90215 | 93299 | + | Target "Motif:L1_TC" | 1 697 4824 |
| 35| 99531 | 102712 | + | Target "Motif:L1_TC" | 1 595 4826 |
| 35| 102723 | 107521 | + | Target "Motif:L1_TC" | 1 4826 |
| 35| 107530 | 108552 | + | Target "Motif:L1_TC" | 1 1040 |
| 35| 114144 | 118974 | + | Target "Motif:L1_TC" | 1 4824 |
| 35| 114144 | 118974 | + | Target "Motif:L1_TC" | 1 4824 |
| 35| 118970 | 121335 | + | Target "Motif:L1_TC" | 1 2320 |
| 35| 131569 | 136445 | + | Target "Motif:L1_TC" | 1 4823 |
| 35| 136456 | 141188 | + | Target "Motif:L1_TC" | 1 4822 |
| 35| 136456 | 141188 | + | Target "Motif:L1_TC" | 1 4822 |
| 35| 141199 | 142804 | + | Target "Motif:L1_TC" | 1 1615 |
| 35| 144170 | 149019 | + | Target "Motif:L1_TC" | 1 4817 |
| 35| 144170 | 149019 | + | Target "Motif:L1_TC" | 1 4817 |
| 35| 162718 | 167507 | + | Target "Motif:L1_TC" | 1 4828 |
| 35| 162718 | 167507 | + | Target "Motif:L1_TC" | 1 4828 |
| 35| 162718 | 167507 | + | Target "Motif:L1_TC" | 1 4828 |
| 35| 162718 | 167507 | + | Target "Motif:L1_TC" | 1 4828 |
| 35| 382772 | 382991 | + | Target "Motif:L1_TC" | 1 217 |
| 35| 391465 | 391684 | + | Target "Motif:L1_TC" | 1 217 |
| 35| 400792 | 401010 | - | Target "Motif:L1_TC" | 1 217 |
| 35| 506863 | 507081 | + | Target "Motif:L1_TC" | 1 217 |
| 35| 516197 | 516416 | - | Target "Motif:L1_TC" | 1 217 |
| 36| 418078 | 418297 | + | Target "Motif:L1_TC" | 1 218 |
| 37| 263280 | 263394 | - | Target "Motif:L1_TC" | 1 222 |
| 37| 263390 | 268286 | - | Target "Motif:L1_TC" | 1 4825 |
| 37| 263390 | 268286 | - | Target "Motif:L1_TC" | 1 4825 |
| 37| 281868 | 282116 | + | Target "Motif:L1_TC" | 1 218 |
| 38| 425223 | 429523 | - | Target "Motif:L1_TC" | 2 4423 |
| 38| 425223 | 429523 | - | Target "Motif:L1_TC" | 2 4423 |
|   |    |    |   |   |
|---|---|---|---|---|
|   |    |    |   |   |
| 39 | 144858 | 146208 | - | Target "Motif:L1_TC" 3449 4807 |
| 4  | 4137  | 8861  | - | Target "Motif:L1_TC" 1 4815    |
| 4  | 730937 | 735710 | - | Target "Motif:L1_TC" 1 4814    |
| 4  | 730937 | 735710 | - | Target "Motif:L1_TC" 1 4814    |
| 4  | 743208 | 747909 | - | Target "Motif:L1_TC" 1 4815    |
| 4  | 743208 | 747909 | - | Target "Motif:L1_TC" 1 4814    |
| 4  | 753057 | 757766 | + | Target "Motif:L1_TC" 1 4815    |
| 4  | 1009010| 1009951| - | Target "Motif:L1_TC" 1 943     |
| 4  | 1455404| 1460270| + | Target "Motif:L1_TC" 3 4819    |
| 4  | 1455404| 1460270| + | Target "Motif:L1_TC" 3 4819    |
| 40 | 80662  | 85338  | - | Target "Motif:L1_TC" 99 4821   |
| 40 | 281569 | 283046 | + | Target "Motif:L1_TC" 99 1612   |
| 40 | 311101 | 315389 | - | Target "Motif:L1_TC" 455 4820  |
| 40 | 311101 | 315389 | - | Target "Motif:L1_TC" 455 4820  |
| 40 | 337493 | 342193 | + | Target "Motif:L1_TC" 86 4821   |
| 40 | 337493 | 342193 | + | Target "Motif:L1_TC" 86 4821   |
| 40 | 337493 | 342193 | + | Target "Motif:L1_TC" 86 4821   |
| 41 | 414408 | 414614 | - | Target "Motif:L1_TC" 1 213     |
| 42 | 6478   | 10991  | + | Target "Motif:L1_TC" 114 4824  |
| 42 | 6478   | 10991  | + | Target "Motif:L1_TC" 114 4824  |
| 42 | 16648  | 19758  | + | Target "Motif:L1_TC" 1667 4824 |
| 42 | 43703  | 48325  | - | Target "Motif:L1_TC" 1 4822    |
| 42 | 55733  | 58770  | - | Target "Motif:L1_TC" 1727 4798 |
| 42 | 58744  | 60316  | - | Target "Motif:L1_TC" 1 1620    |
| 42 | 67640  | 71961  | - | Target "Motif:L1_TC" 1 4382    |
| 42 | 67640  | 71961  | - | Target "Motif:L1_TC" 1 4382    |
| 42 | 76734  | 80957  | - | Target "Motif:L1_TC" 1 4423    |
| 42 | 76734  | 80957  | - | Target "Motif:L1_TC" 1 4423    |
| 42 | 76734  | 80957  | - | Target "Motif:L1_TC" 1 4423    |
| 42 | 161677 | 164881 | - | Target "Motif:L1_TC" 1588 4829 |
| 42 | 161677 | 164881 | - | Target "Motif:L1_TC" 1588 4829 |
| 42 | 199328 | 203354 | - | Target "Motif:L1_TC" 750 4817  |
| 42 | 199328 | 203354 | - | Target "Motif:L1_TC" 750 4817  |
| 42 | 199328 | 203354 | - | Target "Motif:L1_TC" 750 4817  |
| 42 | 438675 | 438895 | - | Target "Motif:L1_TC" 1 218     |
| 42 | 438906 | 443751 | - | Target "Motif:L1_TC" 4 4821    |
| 42 | 438906 | 443751 | - | Target "Motif:L1_TC" 4 4821    |
| 42 | 438906 | 443751 | - | Target "Motif:L1_TC" 4 4821    |
| 42 | 507107 | 507326 | + | Target "Motif:L1_TC" 1 218     |
| 42 | 621965 | 622189 | + | Target "Motif:L1_TC" 1 248     |
| 42 | 669976 | 674302 | - | Target "Motif:L1_TC" 4 4382    |
| 42 | 687634 | 687871 | + | Target "Motif:L1_TC" 1 248     |
| 42 | 802585 | 807313 | - | Target "Motif:L1_TC" 1244827 |
| 42 | 802585 | 807313 | - | Target "Motif:L1_TC" 1244827 |
| 42 | 845069 | 849811 | - | Target "Motif:L1_TC" 1244820 |
| 42 | 845069 | 849811 | - | Target "Motif:L1_TC" 1244820 |
| 43 | 112683 | 113863 | + | Target "Motif:L1_TC" 36414826 |
| 44 | 11191 | 15937 | - | Target "Motif:L1_TC" 14828 |
| 44 | 11191 | 15937 | - | Target "Motif:L1_TC" 14828 |
| 44 | 148976 | 153709 | - | Target "Motif:L1_TC" 14817 |
| 45 | 19546 | 19765 | + | Target "Motif:L1_TC" 1219 |
| 45 | 153434 | 156678 | - | Target "Motif:L1_TC" 15714831 |
| 45 | 153434 | 156678 | - | Target "Motif:L1_TC" 15714831 |
| 45 | 156533 | 158284 | - | Target "Motif:L1_TC" 71783 |
| 45 | 158294 | 159226 | - | Target "Motif:L1_TC" 1943 |
| 45 | 271369 | 276166 | - | Target "Motif:L1_TC" 14819 |
| 45 | 271369 | 276166 | - | Target "Motif:L1_TC" 14819 |
| 45 | 271369 | 276166 | - | Target "Motif:L1_TC" 14819 |
| 45 | 297245 | 302117 | + | Target "Motif:L1_TC" 14831 |
| 45 | 297245 | 302117 | + | Target "Motif:L1_TC" 14831 |
| 45 | 349813 | 353137 | - | Target "Motif:L1_TC" 13364825 |
| 45 | 365055 | 368379 | - | Target "Motif:L1_TC" 13364826 |
| 45 | 375940 | 379252 | - | Target "Motif:L1_TC" 13364826 |
| 45 | 383954 | 387291 | - | Target "Motif:L1_TC" 13364824 |
| 45 | 394895 | 398227 | - | Target "Motif:L1_TC" 13364825 |
| 45 | 410871 | 414172 | - | Target "Motif:L1_TC" 13364824 |
| 45 | 421768 | 424851 | - | Target "Motif:L1_TC" 15784825 |
| 46 | 28735 | 30045 | + | Target "Motif:L1_TC" 34964824 |
| 46 | 127592 | 128899 | - | Target "Motif:L1_TC" 34964822 |
| 46 | 127592 | 128899 | - | Target "Motif:L1_TC" 34964822 |
| 46 | 127592 | 128899 | - | Target "Motif:L1_TC" 34964822 |
| 46 | 127592 | 128899 | - | Target "Motif:L1_TC" 34964822 |
| 46 | 138808 | 140122 | - | Target "Motif:L1_TC" 34964824 |
| 46 | 220721 | 224096 | + | Target "Motif:L1_TC" 12574778 |
| 46 | 220721 | 224096 | + | Target "Motif:L1_TC" 12574778 |
| 46 | 220721 | 224096 | + | Target "Motif:L1_TC" 12574778 |
| 46 | 252644 | 252734 | - | Target "Motif:L1_TC" 189 |
| 46 | 286382 | 289065 | + | Target "Motif:L1_TC" 21404831 |
| 5 | 516602 | 517784 | + | Target "Motif:L1_TC" 36414825 |
| 5 | 744146 | 744368 | + | Target "Motif:L1_TC" 1218 |
| 5 | 757517 | 762228 | - | Target "Motif:L1_TC" 24823 |
| 5 | 819290 | 822289 | - | Target "Motif:L1_TC" 23103 |
| 5 | 1088172 | 1088434 | - | Target "Motif:L1_TC" 1248 |
| 5 | 1166995 | 1167061 | + | Target "Motif:L1_TC" 167 |
|   | 1228055 | 1232516 |   | Target "Motif:L1_TC" 14423 |
|---|---------|---------|---|-----------------------------|
| 5 | 1228055 | 1232516 | + | Target "Motif:L1_TC" 14423 |
| 5 | 1228055 | 1232516 | + | Target "Motif:L1_TC" 14423 |
| 5 | 1228055 | 1232516 | + | Target "Motif:L1_TC" 14423 |
| 5 | 1228055 | 1232516 | + | Target "Motif:L1_TC" 14423 |
| 5 | 1245678 | 1250436 | + | Target "Motif:L1_TC" 124 4828 |
| 5 | 1245678 | 1250436 | + | Target "Motif:L1_TC" 124 4828 |
| 5 | 1262693 | 1267586 | + | Target "Motif:L1_TC" 14831 |
| 5 | 1273810 | 1278688 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1273810 | 1278688 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1273810 | 1278688 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1273810 | 1278688 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1294438 | 1299328 | + | Target "Motif:L1_TC" 14830 |
| 5 | 1294438 | 1299328 | + | Target "Motif:L1_TC" 14830 |
| 5 | 1303828 | 1305419 | + | Target "Motif:L1_TC" 3234 4830 |
| 5 | 1305429 | 1310319 | + | Target "Motif:L1_TC" 14831 |
| 5 | 1314508 | 1317307 | + | Target "Motif:L1_TC" 12739 |
| 5 | 1314508 | 1317307 | + | Target "Motif:L1_TC" 12739 |
| 5 | 1322854 | 1327733 | + | Target "Motif:L1_TC" 14829 |
| 5 | 1331913 | 1336795 | + | Target "Motif:L1_TC" 14830 |
| 5 | 1331913 | 1336795 | + | Target "Motif:L1_TC" 14830 |
| 5 | 1338968 | 1339318 | + | Target "Motif:L1_TC" 1350 |
| 5 | 1339373 | 1339427 | + | Target "Motif:L1_TC" 4778 4831 |
| 5 | 1339437 | 1344313 | + | Target "Motif:L1_TC" 14828 |
| 5 | 1339437 | 1344313 | + | Target "Motif:L1_TC" 14828 |
| 5 | 1339437 | 1344313 | + | Target "Motif:L1_TC" 14828 |
| 5 | 1344323 | 1349210 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1344323 | 1349210 | + | Target "Motif:L1_TC" 14827 |
| 5 | 1349220 | 1354076 | + | Target "Motif:L1_TC" 14818 |
| 5 | 1349220 | 1354076 | + | Target "Motif:L1_TC" 14818 |
| 5 | 1356612 | 1361063 | + | Target "Motif:L1_TC" 416 4826 |
| 5 | 1356612 | 1361063 | + | Target "Motif:L1_TC" 416 4826 |
| 5 | 1361074 | 1365932 | + | Target "Motif:L1_TC" 14829 |
| 5 | 1361074 | 1365932 | + | Target "Motif:L1_TC" 14829 |
| 5 | 1365941 | 1370790 | + | Target "Motif:L1_TC" 14819 |
| 5 | 1365941 | 1370790 | + | Target "Motif:L1_TC" 14819 |
| 6 | 272638 | 273936 | + | Target "Motif:L1_TC" 3483 4815 |
| 6 | 284112 | 288737 | + | Target "Motif:L1_TC" 14814 |
| 6 | 284112 | 288737 | + | Target "Motif:L1_TC" 14814 |
| 6 | 284112 | 288737 | + | Target "Motif:L1_TC" 14814 |
| 6 | 328919 | 329194 | - | Target "Motif:L1_TC" 4546 4820 |
| 6 | 329186 | 329551 | - | Target "Motif:L1_TC" 3655 4049 |
| 6 | 334292 | 334565 | - | Target "Motif:L1_TC" 4546 4819 |
|   |     |     |   | Target "Motif:L1_TC" |
|---|-----|-----|---|---------------------|
| 6 | 334557 | 338202 |   | 180 4049           |
| 6 | 364132 | 364406 |   | 4546 4820          |
| 6 | 364398 | 368049 |   | 165 4049           |
| 6 | 516034 | 516162 |   | 3305 3432          |
| 6 | 893796 | 898559 |   | 1 4815             |
| 6 | 903701 | 908474 | + | 1 4816             |
| 6 | 1171616 | 1174087 | + | 2340 4831          |
| 7 | 13044 | 13108 |   | 4 67               |
| 7 | 627403 | 631188 |   | 945 4822           |
| 7 | 627403 | 631188 |   | 945 4822           |
| 7 | 631409 | 635133 |   | 1 3679             |
| 7 | 635141 | 640028 |   | 1 4829             |
| 7 | 635141 | 640028 |   | 1 4829             |
| 7 | 640037 | 644938 |   | 1 4828             |
| 7 | 640037 | 644938 |   | 1 4828             |
| 7 | 640037 | 644938 |   | 1 4828             |
| 7 | 644925 | 648058 |   | 1669 4829          |
| 7 | 650107 | 653273 |   | 1 3103             |
| 7 | 650107 | 653273 |   | 1 3103             |
| 7 | 653282 | 658167 |   | 1 4830             |
| 7 | 653282 | 658167 |   | 1 4830             |
| 7 | 658177 | 661420 |   | 1585 4829          |
| 7 | 658177 | 661420 |   | 1585 4829          |
| 7 | 661284 | 663059 |   | 1 1783             |
| 7 | 663069 | 664644 |   | 3234 4828          |
| 7 | 667546 | 668500 |   | 1 961              |
| 7 | 674700 | 679581 |   | 1 4831             |
| 7 | 674700 | 679581 |   | 1 4831             |
| 7 | 681754 | 683873 |   | 2700 4831          |
| 7 | 685220 | 689649 |   | 1 4382             |
| 7 | 685220 | 689649 |   | 1 4382             |
| 7 | 689658 | 694534 |   | 1 4830             |
| 7 | 689658 | 694534 |   | 1 4830             |
| 7 | 694544 | 699410 |   | 1 4830             |
| 7 | 694544 | 699410 |   | 1 4830             |
| 7 | 699419 | 704261 |   | 1 4829             |
| 7 | 704248 | 708959 |   | 1 4829             |
| 7 | 715320 | 720206 |   | 1 4829             |
| 7 | 722212 | 725447 |   | 1571 4831          |
| 7 | 725297 | 727061 |   | 1 1783             |
| 7 | 727069 | 728200 |   | 3681 4831          |
| 7 | 728782 | 729197 |   | 1 418              |
|   |    |    |   |                      |
|---|----|----|---|----------------------|
| 7 | 731216 | 736097 | - | Target "Motif:L1_TC" 14830 |
| 7 | 731216 | 736097 | - | Target "Motif:L1_TC" 14830 |
| 7 | 731216 | 736097 | - | Target "Motif:L1_TC" 14830 |
| 7 | 736108 | 740985 | - | Target "Motif:L1_TC" 14830 |
| 7 | 744076 | 748523 | - | Target "Motif:L1_TC" 14392 |
| 7 | 744076 | 748523 | - | Target "Motif:L1_TC" 14392 |
| 7 | 748534 | 753434 | - | Target "Motif:L1_TC" 14828 |
| 7 | 748534 | 753434 | - | Target "Motif:L1_TC" 14828 |
| 7 | 748534 | 753434 | - | Target "Motif:L1_TC" 14828 |
| 7 | 753421 | 757212 | - | Target "Motif:L1_TC" 1083 4828 |
| 7 | 753421 | 757212 | - | Target "Motif:L1_TC" 1083 4828 |
| 7 | 755896 | 761697 | - | Target "Motif:L1_TC" 12739 |
| 7 | 761706 | 766586 | - | Target "Motif:L1_TC" 14829 |
| 7 | 761706 | 766586 | - | Target "Motif:L1_TC" 14829 |
| 7 | 761706 | 766586 | - | Target "Motif:L1_TC" 14829 |
| 7 | 768763 | 772530 | - | Target "Motif:L1_TC" 990 4831 |
| 7 | 768763 | 772530 | - | Target "Motif:L1_TC" 990 4831 |
| 7 | 768763 | 772530 | - | Target "Motif:L1_TC" 990 4831 |
| 7 | 774121 | 778996 | - | Target "Motif:L1_TC" 14825 |
| 7 | 774121 | 778996 | - | Target "Motif:L1_TC" 14825 |
| 7 | 779004 | 783883 | - | Target "Motif:L1_TC" 14828 |
| 7 | 786103 | 786319 | - | Target "Motif:L1_TC" 1218 |
| 7 | 793429 | 795029 | - | Target "Motif:L1_TC" 11615 |
| 7 | 793429 | 795029 | - | Target "Motif:L1_TC" 11615 |
| 7 | 797269 | 797489 | - | Target "Motif:L1_TC" 1218 |
| 7 | 801724 | 801939 | - | Target "Motif:L1_TC" 1218 |
| 7 | 803997 | 804217 | - | Target "Motif:L1_TC" 1218 |
| 7 | 806436 | 806651 | - | Target "Motif:L1_TC" 2 218 |
| 7 | 806663 | 809812 | - | Target "Motif:L1_TC" 1669 4831 |
| 7 | 806663 | 809812 | - | Target "Motif:L1_TC" 1669 4831 |
| 7 | 810364 | 814809 | - | Target "Motif:L1_TC" 14423 |
| 7 | 810364 | 814809 | - | Target "Motif:L1_TC" 14423 |
| 7 | 818987 | 823437 | - | Target "Motif:L1_TC" 420 4830 |
| 7 | 818987 | 823437 | - | Target "Motif:L1_TC" 420 4830 |
| 7 | 818987 | 823437 | - | Target "Motif:L1_TC" 420 4830 |
| 7 | 824732 | 828308 | - | Target "Motif:L1_TC" 13662 |
| 7 | 828319 | 833038 | - | Target "Motif:L1_TC" 14824 |
| 7 | 828319 | 833038 | - | Target "Motif:L1_TC" 14824 |
| 7 | 833049 | 837783 | - | Target "Motif:L1_TC" 14823 |
| 7 | 833049 | 837783 | - | Target "Motif:L1_TC" 14823 |
| 7 | 837794 | 842472 | - | Target "Motif:L1_TC" 57 4823 |
| 7 | 837794 | 842472 | - | Target "Motif:L1_TC" 57 4823 |
|     |    |    |          |                                      |
|-----|----|----|----------|-------------------------------------|
| 7   | 837794 | 842472 | -  | Target "Motif:L1_TC" 57 4823 |
| 7   | 842473 | 845976 | -  | Target "Motif:L1_TC" 1 3575     |
| 7   | 842473 | 845976 | -  | Target "Motif:L1_TC" 1 3575     |
| 7   | 842473 | 845976 | -  | Target "Motif:L1_TC" 1 3575     |
| 7   | 845987 | 850725 | -  | Target "Motif:L1_TC" 1 4823     |
| 7   | 845987 | 850725 | -  | Target "Motif:L1_TC" 1 4823     |
| 7   | 850735 | 855476 | -  | Target "Motif:L1_TC" 1 4823     |
| 7   | 850735 | 855476 | -  | Target "Motif:L1_TC" 1 4823     |
| 7   | 855487 | 858504 | -  | Target "Motif:L1_TC" 1768 4823  |
| 7   | 860159 | 864599 | -  | Target "Motif:L1_TC" 1 4382     |
| 7   | 860159 | 864599 | -  | Target "Motif:L1_TC" 1 4382     |
| 7   | 864609 | 869493 | -  | Target "Motif:L1_TC" 1 4829     |
| 7   | 864609 | 869493 | -  | Target "Motif:L1_TC" 1 4829     |
| 7   | 864609 | 869493 | -  | Target "Motif:L1_TC" 1 4829     |
| 7   | 873195 | 874135 | -  | Target "Motif:L1_TC" 1 943      |
| 7   | 876303 | 881207 | -  | Target "Motif:L1_TC" 1 4827     |
| 7   | 876303 | 881207 | -  | Target "Motif:L1_TC" 1 4827     |
| 7   | 881194 | 886066 | -  | Target "Motif:L1_TC" 1 4826     |
| 7   | 892383 | 895535 | -  | Target "Motif:L1_TC" 1 3103     |
| 7   | 892383 | 895535 | -  | Target "Motif:L1_TC" 1 3103     |
| 7   | 1269168 | 1270710 | +  | Target "Motif:L1_TC" 180 1881    |
| 7   | 1276252 | 1279924 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1279916 | 1280191 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1285575 | 1288909 | +  | Target "Motif:L1_TC" 180 3694    |
| 7   | 1290332 | 1293984 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1293976 | 1294253 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1293976 | 1294253 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1299606 | 1303271 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1303263 | 1303537 | +  | Target "Motif:L1_TC" 4546 4821   |
| 7   | 1313033 | 1313342 | +  | Target "Motif:L1_TC" 180 488     |
| 7   | 1330271 | 1333939 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1333931 | 1334204 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1333931 | 1334204 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1333931 | 1334204 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1338107 | 1338294 | +  | Target "Motif:L1_TC" 4635 4821   |
| 7   | 1343659 | 1347325 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1347317 | 1347589 | +  | Target "Motif:L1_TC" 4546 4822   |
| 7   | 1355775 | 1359370 | +  | Target "Motif:L1_TC" 180 4049    |
| 7   | 1359362 | 1359636 | +  | Target "Motif:L1_TC" 4546 4820   |
| 7   | 1366188 | 1366552 | +  | Target "Motif:L1_TC" 3655 4049   |
|    | 1366544 | 1366818 | +  | Target "Motif: L1_TC" 4546 4821 |
|----|---------|---------|----|----------------------------------|
| 7  | 1373260 | 1373620 | +  | Target "Motif: L1_TC" 3655 4049 |
| 7  | 1373612 | 1373886 | +  | Target "Motif: L1_TC" 4546 4820 |
| 7  | 1460069 | 1464689 | +  | Target "Motif: L1_TC" 1 4820   |
| 7  | 1584782 | 1589393 | -  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1691667 | 1696295 | +  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1691667 | 1696295 | +  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1757325 | 1761944 | +  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1757325 | 1761944 | +  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1771182 | 1772497 | -  | Target "Motif: L1_TC" 3496 4824 |
| 7  | 1803016 | 1807651 | +  | Target "Motif: L1_TC" 1 4820   |
| 7  | 1812464 | 1813406 | +  | Target "Motif: L1_TC" 1 943    |
| 7  | 1818496 | 1823115 | +  | Target "Motif: L1_TC" 1 4821   |
| 7  | 1837700 | 1842306 | +  | Target "Motif: L1_TC" 1 4820   |
| 7  | 1847127 | 1851749 | +  | Target "Motif: L1_TC" 1 4820   |
| 7  | 1914795 | 1918554 | +  | Target "Motif: L1_TC" 990 4824 |
| 7  | 1914795 | 1918554 | +  | Target "Motif: L1_TC" 990 4824 |
| 7  | 1918565 | 1923283 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1923294 | 1928031 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1923294 | 1928031 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1928042 | 1932764 | +  | Target "Motif: L1_TC" 1 4822   |
| 7  | 1928042 | 1932764 | +  | Target "Motif: L1_TC" 1 4822   |
| 7  | 1932775 | 1935016 | +  | Target "Motif: L1_TC" 1 2320   |
| 7  | 1941727 | 1945598 | +  | Target "Motif: L1_TC" 924 4823 |
| 7  | 1945609 | 1950347 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1945609 | 1950347 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1950358 | 1955085 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1950358 | 1955085 | +  | Target "Motif: L1_TC" 1 4823   |
| 7  | 1955095 | 1959819 | +  | Target "Motif: L1_TC" 1 4822   |
| 7  | 1955095 | 1959819 | +  | Target "Motif: L1_TC" 1 4822   |
| 7  | 1959829 | 1962497 | +  | Target "Motif: L1_TC" 1 2745   |
| 7  | 1959829 | 1962497 | +  | Target "Motif: L1_TC" 1 2745   |
| 7  | 1959829 | 1962497 | +  | Target "Motif: L1_TC" 1 2745   |
| 7  | 1962779 | 1963909 | +  | Target "Motif: L1_TC" 3681 4824 |
| 7  | 1963896 | 1963993 | +  | Target "Motif: L1_TC" 160 248  |
| 7  | 1963918 | 1968801 | +  | Target "Motif: L1_TC" 1 4831   |
| 7  | 1963918 | 1968801 | +  | Target "Motif: L1_TC" 1 4831   |
| 7  | 1963918 | 1968801 | +  | Target "Motif: L1_TC" 1 4831   |
| 7  | 1968807 | 1973690 | +  | Target "Motif: L1_TC" 1 4828   |
| 7  | 1968807 | 1973690 | +  | Target "Motif: L1_TC" 1 4828   |
| 7  | 1968807 | 1973690 | +  | Target "Motif: L1_TC" 1 4828   |
| 7  | 1968807 | 1973690 | +  | Target "Motif: L1_TC" 1 4828   |
|    | 1968807 | 1973690 | + | Target "Motif:L1_TC" 1 4828 |
|----|---------|---------|---|----------------------------|
| 7  | 1973698 | 1977789 | + | Target "Motif:L1_TC" 1 4031 |
| 7  | 1979370 | 1979478 | + | Target "Motif:L1_TC" 420 527 |
| 7  | 1979474 | 1983576 | + | Target "Motif:L1_TC" 625 4823 |
| 7  | 1979474 | 1983576 | + | Target "Motif:L1_TC" 625 4823 |
| 7  | 1983587 | 1988329 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1983587 | 1988329 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1983587 | 1988329 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1983587 | 1988329 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1988340 | 1993082 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1988340 | 1993082 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 1993093 | 1997833 | + | Target "Motif:L1_TC" 1 4822 |
| 7  | 1993093 | 1997833 | + | Target "Motif:L1_TC" 1 4822 |
| 7  | 1997844 | 1999664 | + | Target "Motif:L1_TC" 1 1897 |
| 7  | 2002761 | 2007648 | + | Target "Motif:L1_TC" 1 4829 |
| 7  | 2002761 | 2007648 | + | Target "Motif:L1_TC" 1 4829 |
| 7  | 2002761 | 2007648 | + | Target "Motif:L1_TC" 1 4829 |
| 7  | 2007659 | 2012538 | + | Target "Motif:L1_TC" 1 4825 |
| 7  | 2007659 | 2012538 | + | Target "Motif:L1_TC" 1 4825 |
| 7  | 2007659 | 2012538 | + | Target "Motif:L1_TC" 1 4825 |
| 7  | 2007659 | 2012538 | + | Target "Motif:L1_TC" 1 4825 |
| 7  | 2012548 | 2016888 | + | Target "Motif:L1_TC" 1 4322 |
| 7  | 2012548 | 2016888 | + | Target "Motif:L1_TC" 1 4322 |
| 7  | 2017617 | 2021375 | + | Target "Motif:L1_TC" 990 4828 |
| 7  | 2017617 | 2021375 | + | Target "Motif:L1_TC" 990 4828 |
| 7  | 2017617 | 2021375 | + | Target "Motif:L1_TC" 990 4828 |
| 7  | 2021378 | 2026219 | + | Target "Motif:L1_TC" 1 4817 |
| 7  | 2053293 | 2057974 | + | Target "Motif:L1_TC" 1 4815 |
| 7  | 2053293 | 2057974 | + | Target "Motif:L1_TC" 1 4815 |
| 7  | 2066411 | 2066630 | + | Target "Motif:L1_TC" 1 218 |
| 7  | 2068672 | 2068888 | + | Target "Motif:L1_TC" 1 218 |
| 7  | 2073330 | 2075280 | + | Target "Motif:L1_TC" 2825 4823 |
| 7  | 2075291 | 2079988 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 2075291 | 2079988 | + | Target "Motif:L1_TC" 1 4823 |
| 7  | 2079999 | 2082076 | + | Target "Motif:L1_TC" 1 2168 |
| 7  | 2084147 | 2088799 | + | Target "Motif:L1_TC" 26 4815 |
| 8  | 321774  | 322880  | + | Target "Motif:L1_TC" 3698 4820 |
| 8  | 710680  | 715364  | - | Target "Motif:L1_TC" 1 4817 |
| 8  | 710680  | 715364  | - | Target "Motif:L1_TC" 1 4817 |
| 8  | 710680  | 715364  | - | Target "Motif:L1_TC" 1 4817 |
| 8  | 789004  | 789066  | - | Target "Motif:L1_TC" 6 67 |
| 8  | 1059718 | 1064520 | - | Target "Motif:L1_TC" 1 4822 |
| 8  | 1059718 | 1064520 | - | Target "Motif:L1_TC" 1 4822 |
| 8 | 1073395 | 1078100 | - | Target "Motif:L1_TC" 1 4817 |
| 8 | 1086244 | 1090947 | - | Target "Motif:L1_TC" 1 4816 |
| 8 | 1086244 | 1090947 | - | Target "Motif:L1_TC" 1 4816 |
| 8 | 1097474 | 1098652 | - | Target "Motif:L1_TC" 1 1195 |
| 8 | 1098661 | 1103452 | - | Target "Motif:L1_TC" 1 4825 |
| 8 | 1098661 | 1103452 | - | Target "Motif:L1_TC" 1 4825 |
| 8 | 1103460 | 1107887 | - | Target "Motif:L1_TC" 374 4825 |
| 8 | 1115150 | 1115513 | + | Target "Motif:L1_TC" 3643 4006 |
| 8 | 1115557 | 1115776 | - | Target "Motif:L1_TC" 1 218 |
| 8 | 1115787 | 1120343 | - | Target "Motif:L1_TC" 154 4827 |
| 8 | 1115787 | 1120343 | - | Target "Motif:L1_TC" 154 4827 |
| 8 | 1115787 | 1120343 | - | Target "Motif:L1_TC" 154 4827 |
| 8 | 1151506 | 1151726 | + | Target "Motif:L1_TC" 1 218 |