

| Numt regions (merging contiguous numt sequences) | Numt sequence (progressive number) | SSC | Start (position) on SSC | Spanned region on the chromosome (size in bp) | End (position) on SSC | Spanned region on the mtDNA (size in bp) | mtDNA strand | Start position on mtDNA | End position on mtDNA | Identity (numt vs mtDNA) | RepeatMasker Annotations | RepeatMasker annotation. 1 kb upstream | Upstream distance (numt integration to detected repeat) | RepeatMasker annotation. 1 kb downstream | Downstream distance (numt integration to detected repeat) | Closest ENSEMBL ID | Closest ENSEMBL ID distance in bp | Overlap of mtDNA gene in Sus scrofa | numt vs modern | ancestral vs modern | shared_diff_consens_us_witho_ut_pacari | Estimated age of integration (MYBP) | Coordinates on Bos taurus mtDNA | Coordinates of numt in Bos taurus | Overlap of mtDNA gene in Bos taurus |
|--|------------------------------------|-----|-------------------------|---|-----------------------|--|--------------|-------------------------|-----------------------|--------------------------|------------------------------|--|---|--|---|--------------------|-----------------------------------|-------------------------------------|----------------|---------------------|--|-------------------------------------|---------------------------------|-----------------------------------|-------------------------------------|
| N_R_1 | 1_01 | 1 | 54243463 | 163 | 54243676 | 159 | + | 8613 | 8772 | 73 | L2 LINE/L2 | L2 LINE/L2 | 70 | L2 LINE/L2 | 436 | ENSSSCG0638306 | 638306 | COX2 | 2 | 6 | 0.333333 | 6.666667 | MT-14192-15280 | 9-12026093-12927104 | |
| N_R_1 | 1_02 | 1 | 59428889 | 375 | 59429264 | 375 | - | 12074 | 12448 | 71 | PreD_SS_SINE/RNA | unique upstream | - | PreD_SS_SINE/RNA | 93 | ENSSSCG014903 | 14903 | ND4 | 0 | 4 | 0 | 10 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_03 | 1 | 59430000 | 1297 | 59431365 | 13020 | - | 10333 | 11652 | 68 | LIB_SS_LINE/L1 | PreD_SS_SINE/RNA | 42 | L1ME3F-LINE/L1 | 20 | ENSSSCG017004 | 17004 | COX3 | 7 | 23 | 0.304348 | 6.956522 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_04 | 1 | 59432563 | 242 | 59432805 | 243 | - | 9909 | 10151 | 72 | PRE1j_SINE/RNA | PreD_SS_SINE/RNA | 13 | PRE1j_SINE/RNA | 8 | ENSSSCG018444 | 18444 | COX3 | 1 | 2 | 0.5 | 5 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_05 | 1 | 59433560 | 245 | 59433560 | 245 | - | 9661 | 9905 | 73 | (A)nSimple repeat | (A)nSimple repeat | 17 | PRE1j_SINE/RNA | 14 | ENSSSCG019199 | 19199 | ATP6 | 3 | 7 | 0.428571 | 5.714286 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_06 | 1 | 59433830 | 319 | 59434149 | 317 | - | 9348 | 9664 | 65 | PreD_SS_SINE/RNA | PreD_SS_SINE/RNA | 7 | PreD_SS_SINE/RNA | 7 | ENSSSCG019788 | 19788 | ATP6 | 2 | 5 | 0.4 | 6 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_07 | 1 | 59436418 | 148 | 59436366 | 154 | - | 6953 | 7108 | 69 | PreD_SS_SINE/RNA | PreD_SS_SINE/RNA | 30 | PRE1k_SINE/RNA | 20 | ENSSSCG022205 | 22205 | COX1 | 0 | 1 | 0 | 10 | MT-14192-15280 | 9-12026093-12927104 | ND6, cytb |
| N_R_1 | 1_08 | 1 | 59436708 | 410 | 59437118 | 414 | - | 5904 | 6317 | 71 | non-repetitive | non-repetitive | 320 | PRE1k_SINE/RNA | 238 | ENSSSCG022757 | 22757 | ND2 | 3 | 10 | 0.3 | 7 | | | |
| N_R_1 | 1_09 | 1 | 64789172 | 94 | 64789266 | 98 | - | 3196 | 3293 | 80 | Interrupting_(TTCT)n_Simple | Interrupting_(TTCT)n_Simple | 85 | (TTCT)n_Simple_repeat | 3 | ENSSSCG02624 | 2624 | 0 | 0 | 0 | 0 | | | | |
| N_R_2 | 1_10 | 1 | 82987621 | 560 | 82988181 | 573 | - | 1164 | 1736 | 70 | PRE1f_SINE/RNA | PRE1f_SINE/RNA | 16 | (TATTT)Gin_Simple_repeat | 114 | ENSSSCG049978 | 49978 | 1 | 3 | 0.333333 | 6.666667 | | | | |
| N_R_2 | 1_11 | 1 | 82988609 | 319 | 82989288 | 327 | - | 371 | 697 | 75 | non-repetitive | (TATTT)Gin_Simple_repeat | 273 | (A)nSimple_repeat | 667 | ENSSSCG050725 | 50725 | 0 | 0 | 0 | 0 | | | | |
| N_R_3 | 1_12 | 1 | 83019297 | 288 | 83019385 | 295 | + | 4656 | 4941 | 72 | PreD_SS_SINE/RNA | L1-3_Sc:LINE/L1 | 505 | PreD_SS_SINE/RNA | 34 | ENSSSCG081882 | 81882 | ND1 | 2 | 5 | 0.4 | 6 | | | |
| N_R_3 | 1_13 | 1 | 83020373 | 496 | 83020869 | 506 | + | 5235 | 5741 | 67 | PreD_SS_SINE/RNA | PRE1f_SINE/RNA | 224 | PreD_SS_SINE/RNA | 67 | ENSSSCG082666 | 82666 | ND2 | 2 | 6 | 0.333333 | 6.666667 | | | |
| N_R_3 | 1_14 | 1 | 83021270 | 2113 | 83023383 | 2198 | + | 5838 | 8036 | 67 | PRE1e_SINE/RNA | PreD_SS_SINE/RNA | 102 | (AAAC)n_Simple_repeat | 1 | ENSSSCG085180 | 85180 | ND2 | 9 | 45 | 0.2 | 8 | | | |
| N_R_3 | 1_15 | 1 | 83023728 | 206 | 83023934 | 196 | + | 8066 | 8262 | 71 | CHR1_SINE/RNA | (AATAA)n_Simple_repeat | 29 | CHR1_SINE/RNA | 14 | ENSSSCG085437 | 85437 | 1 | 3 | 0.333333 | 6.666667 | | | | |
| N_R_3 | 1_16 | 1 | 83024140 | 372 | 83024512 | 390 | + | 8379 | 8769 | 69 | CHR1_SINE/RNA | CHR1_SINE/RNA | 84 | SINE1a_SS_SINE/RNA | 597 | ENSSSCG085025 | 85025 | COX2 | 0 | 10 | 0 | 10 | | | |
| N_R_4 | 1_17 | 1 | 92609642 | 577 | 92609518 | 581 | - | 1644 | 2235 | 74 | SINE1c_SS_SINE/RNA | SINE1c_SS_SINE/RNA | 10 | L1-3_Sc:LINE/L1 | 168 | SINE1c_SS_SINE/RNA | 14 | 0 | 3 | 0 | 10 | | | | |
| N_R_4 | 1_18 | 1 | 92608786 | 536 | 92609322 | 560 | + | 2679 | 3239 | 70 | Interrupting_SINE1B_SS_SINE | SINE1B_SS_SINE/RNA | 4 | SINE1B_SS_SINE/RNA | 1 | ENSSSCG032666 | 32666 | 2 | 4 | 0.5 | 5 | | | | |
| N_R_4 | 1_19 | 1 | 92609695 | 696 | 92610391 | 713 | + | 3242 | 3955 | 71 | Interrupting_HAL1_SS_LINE/L1 | PreD_SS_SINE/RNA | 8 | HAL1_SS_LINE/L1 | 11 | ENSSSCG031757 | 31757 | 2 | 4 | 0.5 | 5 | | | | |
| N_R_5 | 1_20 | 1 | 92635351 | 696 | 92636047 | 713 | - | 3243 | 3955 | 71 | Interrupting_HAL1_SS_LINE/L1 | HAL1_SS_LINE/L1 | 9 | PreD_SS_SINE/RNA | 10 | ENSSSCG06101 | 6101 | 2 | 4 | 0.5 | 5 | | | | |
| N_R_5 | 1_21 | 1 | 92636420 | 536 | 92636956 | 560 | - | 2680 | 3239 | 70 | Interrupting_SINE1B_SS_SINE | SINE1B_SS_SINE/RNA | 0 | SINE1D_SS_SINE/RNA | 6 | ENSSSCG05032 | 5032 | 2 | 4 | 0.5 | 5 | | | | |
| N_R_5 | 1_22 | 1 | 92638204 | 596 | 92638800 | 600 | + | 1645 | 2244 | 73 | SINE1c_SS_SINE/RNA | L1B_SS_LINE/L1 | 147 | SINE1c_SS_SINE/RNA | 12 | ENSSSCG034948 | 34948 | 0 | 3 | 0 | 10 | | | | |
| N_R_5 | 1_23 | 1 | 100519015 | 188 | 100519203 | 188 | - | 4837 | 5024 | 98 | non-repetitive | L1-3_Sc:LINE/L1 | 0 | L1-3_Sc:LINE/L1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | | | | |
| N_R_6 | 1_24 | 1 | 102221644 | 109 | 102221753 | 109 | + | 10431 | 10540 | 87 | Interrupting_MER31_BT_LTR | MER31_BT_LTR/ERV1 | 4 | MER31_BT_LTR/ERV1 | 4 | ENSSSCG033168 | 33168 | COX3 | 0 | 0 | 0 | 0 | | | |
| N_R_6 | 1_25 | 1 | 124625979 | 403 | 124626382 | 407 | - | 15201 | 15607 | 76 | Interrupting_MIRb_SINE/MIR | MIRb_SINE/MIR | 68 | PreD_SS_SINE/RNA | 525 | ENSSSCG073882 | 73882 | ND2 | 6 | 7 | 0.285714 | 7.142857 | MT-14438-14796 | 10-51465520-51465880 | ND6, cytb |
| N_R_6 | 1_26 | 1 | 164215124 | 84 | 164215208 | 84 | + | 13014 | 13098 | 88 | non-repetitive | L1B_SS_LINE/L1 | 124 | Tigger15a_DNA/TcMar-Tigger | 302 | ENSSSCG0262081 | 262081 | ND5 | 0 | 2 | 0 | 10 | | | |
| N_R_6 | 1_27 | 1 | 167870740 | 69 | 167870809 | 69 | - | 7694 | 7762 | 88 | Interrupting_L2 LINE/L2 | L2 LINE/L2 | 165 | L2 LINE/L2 | 165 | ENSSSCG0161687 | 161687 | COX1 | 0 | 0 | 0 | 0 | | | |
| N_R_6 | 1_28 | 1 | 176025925 | 52 | 176025977 | 52 | - | 812 | 863 | 90 | Interrupting_L3_Sc:LINE/L1 | LTR33B/LTR/ERV1 | 282 | Interrupting_L3_Sc:LINE/L1 | 271 | ENSSSCG022681 | 22681 | 0 | 0 | 0 | 0 | | | | |
| N_R_6 | 1_29 | 1 | 176025940 | 306 | 176026246 | 304 | - | 445 | 748 | 85 | PRE1e_SINE/RNA | LTR33B/LTR/ERV1 | 299 | PRE1e_SINE/RNA | 22 | ENSSSCG022737 | 22737 | 0 | 0 | 0 | 0 | | | | |
| N_R_6 | 1_30 | 1 | 245767085 | 165 | 245767250 | 165 | + | 9980 | 10145 | 87 | Interrupting_LTR33A_LTR/ERV1 | LTR33A_LTR/ERV1 | 45 | ENSSSCG010052 | 10052 | COX3 | 0 | 1 | 0 | 10 | | | | | |
| N_R_6 | 1_31 | 1 | 248065328 | 159 | 248065328 | 158 | - | 12812 | 12969 | 75 | L1MC5_LINE/L1 | (A)nSimple_repeat | 124 | L1MC5_LINE/L1 | 7 | ENSSSCG00 | 0 | 0 | 1 | 0 | 10 | | | | |
| N_R_6 | 1_32 | 1 | 267571512 | 57 | 267571569 | 57 | + | 969 | 966 | 86 | SINE1_SS_SINE/RNA | SINE1_SS_SINE/RNA | 103 | SINE1_SS_SINE/RNA | 148 | ENSSSCG00 | 0 | 0 | 1 | 0 | 10 | | | | |
| N_R_6 | 1_33 | 1 | 280940801 | 79 | 280940880 | 79 | + | 4465 | 4543 | 89 | PRE1f_SINE/RNA | MIRb_SINE/MIR | 237 | PRE1f_SINE/RNA | 195 | ENSSSCG00 | 0 | ND1 | 0 | 0 | 0 | 0 | | | |
| N_R_6 | 1_34 | 1 | 281080959 | 79 | 281081038 | 79 | + | 4465 | 4543 | 89 | PreD_SS_SINE/RNA | PreD_SS_SINE/RNA | 91 | MIRb_SINE/MIR | 195 | ENSSSCG00 | 0 | ND1 | 0 | 0 | 0 | 0 | | | |
| N_R_6 | 1_35 | 1 | 309277579 | 131 | 309277710 | 131 | + | 2326 | 2457 | 89 | L1-2_Sc:LINE/L1 | PreD_SS_SINE/RNA | 42 | L1-2_Sc:LINE/L1 | 26 | ENSSSCG0198719 | 198719 | 1 | 10 | 0.1 | 9 | | | | |
| N_R_6 | 1_36 | 1 | 310455996 | 332 | 310456328 | 335 | + | 10373 | 10708 | 67 | L1-3_Sc:LINE/L1 | L1-3_Sc:LINE/L1 | 78 | PRE1h_SINE/RNA | 135 | ENSSSCG0128133 | 128133 | COX3 | 0 | 4 | 0 | 10 | | | |
| N_R_6 | 1_37 | 1 | 310490399 | 802 | 310491197 | 836 | + | 10816 | 11652 | 64 | PreD_SS_SINE/RNA | PreD_SS_SINE/RNA | 7 | PRE1h_SINE/RNA | 399 | ENSSSCG0183002 | 183002 | ND3 | 7 | 17 | 0.411765 | 5.882353 | | | |
| N_R_7 | 2_01 | 2 | 21108238 | 443 | 21108881 | 442 | - | 152 | 593 | 89 | L1MC4c_LINE/L1 | L1MC4c_LINE/L1 | 153 | L1MC4c_LINE/L1 | 570 | ENSSSCG0409972 | 409972 | 0 | 0 | 0 | 0 | | | | |
| N_R_7 | 2_02 | 2 | 21108896 | 347 | 21109243 | 347 | - | 16242 | 16588 | 87 | Interrupting_L1MS_LINE/L1 | (ATGTAAT)n_Simple_repeat | 259 | L1MS_LINE/L1 | 8 | ENSSSCG0410534 | 410534 | CYTB | 1 | 7 | 0.142857 | 8.571429 | | | |
| N_R_7 | 2_03 | 2 | 25870647 | 697 | 25871344 | 713 | - | 3170 | 3882 | 64 | L2a_LINE/L2 | MER58B_DNA/AT-Charlie | 113 | L2a_LINE/L2 | 21 | ENSSSCG0841425 | 841425 | 2 | 3 | 0.666667 | 3.333333 | | | | |
| N_R_7 | 2_04 | 2 | 49971920 | 56 | 49971976 | 56 | - | 2655 | 2710 | 100 | L1PB4_LINE/L1 | (A)nSimple_repeat | 592 | L1PB4_LINE/L1 | 18 | ENSSSCG00 | 0 | 1 | 1 | 0 | 10 | | | | |
| N_R_8 | 2_05 | 2 | 56654753 | 382 | 56655195 | 377 | + | 16211 | 16588 | 72 | L1MC_LINE/L1 | L1MC_LINE/L1 | 138 | L1MC_LINE/L1 | 585 | ENSSSCG016862 | 16862 | CYTB | 1 | 7 | 0.142857 | 8.571429 | | | |
| N_R_8 | 2_06 | 2 | 56653395 | 332 | 56653718 | 343 | + | 174 | 517 | 172 | L1MC_LINE/L1 | L1MC_LINE/L1 | 680 | L1MC_LINE/L1 | 17 | ENSSSCG017465 | 17465 | 0 | 0 | 0 | 0 | | | | |
| N_R_9 | 2_07 | 2 | 56752734 | 382 | 56753116 | 377 | + | 16211 | 16588 | 72 | L1MC_LINE/L1 | L1MC_LINE/L1 | 38 | L1MC_LINE/L1 | 585 | ENSSSCG033170 | 33170 | CYTB | 1 | 7 | 0.142857 | 8.571429 | | | |
| N_R_9 | 2_08 | 2 | 56753376 | 323 | 56753699 | 343 | + | 174 | 517 | 172 | L1MC_LINE/L1 | L1MC_LINE/L1 | 680 | L1MC_LINE/L1 | 2 | ENSSSCG033812 | 33812 | 0 | 0 | 0 | 0 | | | | |
| N_R_9 | 2_09 | 2 | 67739690 | 72 | 67739762 | 72 | - | 6087 | 6158 | 93 | Interrupting_HAL1_SS_LINE/L1 | PreD_SS_SINE/RNA | 151 | L1B_SS_SINE/L1 | 180 | ENSSSCG012031 | 12031 | ND2 | 1 | 3 | 0.333333 | 6.666667 | | | |
| N_R_10 | 2_10 | 2 | 67818443 | 72 | 67818515 | 72 | - | 6086 | 6158 | 93 | Interrupting_HAL1_SS_LINE/L1 | L1B_SS_SINE/L1 | 178 | PreD_SS_SINE/RNA | 153 | ENSSSCG03585 | 3585 | ND2 | 1 | 3 | 0.333333 | 6.666667 | | | |
| N_R_10 | 2_11 | 2 | 83957047 | 121 | 83957168 | 121</ | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----|----|----|-----------|----------|-----------|----------|------|-------|-------|------|--|-----------------------------|------------------------|-----------------------------|----------------------|----------|----------|--------|----------|----------|----------|----------|----------|----------|----------|--|--|
| 9 | 15 | 9 | 74576183 | 62 | 74576245 | 62 | - | 9688 | 9749 | 82 | Interrupting_L1-3_Ssc_LINE/L1-3_Ssc_LINE/HAT | 0 | L1B_SS_LINE/L1 | 3 | ENSSSCG0 | 1629 | ATP6 | 1 | 3 | 0.333333 | 6,666667 | | | | | | |
| 9 | 16 | 9 | 83997951 | 1086 | 83999037 | 1088 | + | 15060 | 16148 | 90 | non-repetitive | Charlie10_DNA/HAT-Charlie | 203 | MIRc9_SINE/MIR | 105 | ENSSSCG0 | 11629 | N06 | 5 | 20 | 0.25 | 7.5 | | | | | |
| N | R | 30 | 101131837 | 457 | 101132294 | 472 | + | 242 | 714 | 69 | non-repetitive | LTR73_LTR/ERV1 | 522 | SINE1D_SS_SINE/RNA | 339 | ENSSSCG0 | 46868 | | | | | | | | | | |
| N | R | 30 | 101132858 | 1024 | 101132882 | 1059 | + | 1150 | 2209 | 100 | SINE1_SS_SINE/RNA | SINE1D_SS_SINE/RNA | 100 | SINE1_SS_SINE/RNA | 1 | ENSSSCG0 | 49456 | | | | 15 | 0.533333 | 6,666667 | | | | |
| N | R | 30 | 101134787 | 119 | 101134906 | 119 | - | 5197 | 5315 | 67 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 93 | Pre0_SS_SINE/RNA | 409 | ENSSSCG0 | 49480 | N02 | 0 | 4 | 0 | 10 | | | | | |
| N | R | 30 | 101135585 | 779 | 101136364 | 773 | + | 6368 | 7141 | 64 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 5 | Pre0_SS_SINE/RNA | 5 | ENSSSCG0 | 50938 | | | | 22 | 0.227273 | 7,727273 | | | | |
| N | R | 30 | 101137665 | 870 | 101137485 | 895 | + | 7130 | 8025 | 68 | SINE1C_SS_SINE/RNA | SINE1C_SS_SINE/RNA | 2 | SINE1C_SS_SINE/RNA | 15 | ENSSSCG0 | 52059 | COX1 | 4 | 12 | 0.333333 | 6,666667 | | | | | |
| N | R | 30 | 101138222 | 166 | 101138388 | 169 | + | 8387 | 8556 | 69 | L1MB3_LINE/L1 | L1MB3_LINE/L1 | 1 | L1MB3_LINE/L1 | 10 | ENSSSCG0 | 52962 | COX2 | 1 | 3 | 0.333333 | 6,666667 | | | | | |
| N | R | 30 | 130323131 | 648 | 130323179 | 648 | + | 8433 | 9481 | 64 | Interupting_L1B_SS_LINE/L1 | Interupting_L1B_SS_LINE/L1 | 6 | L1B_SS_LINE/L1 | 6 | ENSSSCG0 | 14004 | COX2 | 6 | 13 | 0.461538 | 5,384615 | | | | | |
| 9 | 24 | 9 | 130438962 | 648 | 130437610 | 648 | + | 8433 | 9081 | 94 | Interupting_L1B_SS_LINE/L1 | Interupting_L1B_SS_LINE/L1 | 6 | L1B_SS_LINE/L1 | 6 | ENSSSCG0 | 15333 | COX2 | 6 | 13 | 0.461538 | 5,384615 | | | | | |
| 9 | 25 | 9 | 136195867 | 165 | 136196032 | 165 | - | 5386 | 5550 | 87 | Interrupting_L1M5_LINE/L1 | L1M5z2_LINE/L1 | 1 | (TTG)n_Simple_repeat | 92 | ENSSSCG0 | 14206 | N02 | 0 | 1 | 0 | 10 | | | | | |
| 10 | 01 | 10 | 17791418 | 256 | 17791614 | 263 | + | 364 | 627 | 71 | A-rich_low_complexity | A-rich_low_complexity | 43 | Pre0_SS_SINE/RNA | 552 | ENSSSCG0 | | | | | | | | | | | |
| 10 | 02 | 10 | 35756982 | 76 | 35766058 | 74 | - | 6368 | 6441 | 96 | Interrupting_PRE1_SINE/RNA | PRE1_SINE/RNA | 1 | PRE1_SINE/RNA | 2 | ENSSSCG0 | | | | | 1 | 9 | 0.111111 | 8,888889 | | | |
| 10 | 03 | 10 | 39203317 | 513 | 39203830 | 526 | + | 7558 | 8093 | 60 | MER81_mir_LTR/ERV1 | MER81_mir_LTR/ERV1 | 57 | Pre0_SS_SINE/RNA | 500 | ENSSSCG0 | 254610 | COX1 | 0 | 7 | 0 | 5 | 10 | | | | |
| 10 | 04 | 10 | 54201251 | 66 | 54201317 | 66 | + | 9711 | 9777 | 83 | L1-3_Ssc_LINE/L1 | A-rich_low_complexity | 0 | L1-3_Ssc_LINE/L1 | 49 | ENSSSCG0 | | ATP6 | | | | | | | | | |
| 10 | 05 | 10 | 60417416 | 65 | 60417481 | 65 | - | 10036 | 10100 | 86 | Interrupting_Pred0_SS_SINE/RNA | PRE1b_SINE/RNA | 0 | PRE1b_SINE/RNA | 2 | ENSSSCG0 | 109847 | COX3 | 0 | 0 | 0 | 0 | | | | | |
| N | R | 31 | 10740564 | 941 | 107405505 | 965 | - | 6064 | 7028 | 69 | PRE1g_SINE/RNA | LTR39A2_Ssc_LTR/ERV1 | 61 | PRE1g_SINE/RNA | 4 | ENSSSCG0 | 39170 | N02 | 5 | 25 | 0.2 | 8 | | | | | |
| N | R | 31 | 10741016 | 1567 | 107411731 | 1613 | + | 3530 | 5142 | 66 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 6 | Pre0_SS_SINE/RNA | 5 | ENSSSCG0 | 45396 | | | | 25 | 0.28 | 7.2 | | | | |
| N | R | 31 | 107413207 | 333 | 107413200 | 338 | - | 3000 | 3337 | 75 | L1-2_Ssc_LINE/L1 | LTR0A2_Ssc_LTR/ERV1 | 5 | (TAGAT)n_Simple_repeat | 10 | ENSSSCG0 | 46985 | | | | | | | | | | |
| N | R | 31 | 10742849 | 425 | 107428924 | 457 | + | 8313 | 8769 | 65 | non-repetitive | unique upstream | - | PRE1j_SINE/RNA | 832 | ENSSSCG0 | 62580 | COX2 | 4 | 10 | 0.4 | 6 | | | | | |
| N | R | 31 | 107431671 | 224 | 107431895 | 247 | + | 8518 | 8764 | 67 | L1-2_Ssc_LINE/L1 | L1MB3_LINE/L1 | 221 | L1-2_Ssc_LINE/L1 | 4 | ENSSSCG0 | 65560 | COX2 | 2 | 7 | 0.287514 | 7,142857 | | | | | |
| N | R | 31 | 107433281 | 241 | 107433222 | 243 | - | 8024 | 8266 | 69 | SINE1A_SS_SINE/RNA | SINE1A_SS_SINE/RNA | 7 | SINE1A_SS_SINE/RNA | 2 | ENSSSCG0 | 67187 | COX1 | 1 | 4 | 0.25 | 7.5 | | | | | |
| N | R | 31 | 107433706 | 1525 | 107435231 | 1562 | + | 6422 | 7983 | 66 | PRE1c_SINE/RNA | SINE1C_SS_SINE/RNA | 62 | PRE1c_SINE/RNA | 1 | ENSSSCG0 | 68896 | | | | 7 | 24 | 0.291667 | 7,083333 | | | |
| N | R | 31 | 107435474 | 165 | 107435639 | 162 | + | 6273 | 6434 | 76 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 4 | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 69304 | | | | 14 | 0.071429 | 9,285714 | | | | |
| N | R | 31 | 107435981 | 189 | 107436170 | 193 | + | 5982 | 6174 | 64 | L1B_SS_LINE/L1 | L1B_SS_LINE/L1 | 36 | L1B_SS_LINE/L1 | 1 | ENSSSCG0 | 69835 | N02 | 0 | 0 | 0 | 10 | | | | | |
| N | R | 31 | 107437470 | 1213 | 107438683 | 1253 | + | 3515 | 4767 | 67 | non-repetitive | unique upstream | - | (TC)n_Simple_repeat | 985 | ENSSSCG0 | 72348 | | | | 4 | 20 | 0.2 | 8 | | | |
| N | R | 31 | 107438685 | 965 | 107439650 | 1008 | + | 2413 | 3420 | 69 | Pre0_SS_SINE/RNA | RNA-Leu-TTA(m):RNA | 301 | (TC)n_Simple_repeat | 18 | ENSSSCG0 | 73315 | | | | 1 | 7 | 0.142857 | 8,571429 | | | |
| N | R | 31 | 107440534 | 906 | 107441440 | 936 | + | 1147 | 2082 | 67 | (TTATTAG)n_Simple_repeat | Pre0_SS_SINE/RNA | 55 | (TTATTAG)n_Simple_repeat | 50 | ENSSSCG0 | 75105 | | | | 3 | 12 | 0.25 | 7.5 | | | |
| 11 | 01 | 11 | 1552676 | 172 | 1552676 | 172 | - | 9632 | 9803 | 81 | Interrupting_SINE1D_SS_SINE/RNA | SINE1D_SS_SINE/RNA | 18 | ENSSSCG0 | 15750 | ATP6 | 1 | 6 | 0.166667 | 6,333333 | | | | | | | |
| 11 | 02 | 11 | 16941035 | 181 | 16941226 | 183 | + | 7276 | 7641 | 77 | L1M4E1_LINE/L1 | L1M4E1_LINE/L1 | 17 | L1M4E1_LINE/L1 | 1 | ENSSSCG0 | 77177 | COX1 | 1 | 2 | 0.5 | 1.5 | | | | | |
| 11 | 03 | 11 | 30715413 | 424 | 30715837 | 431 | + | 6210 | 6641 | 73 | (ATAGATG)n_Simple_repeat | LTR40A_LTR/ERV1 | 827 | (ATAGATG)n_Simple_repeat | 83 | ENSSSCG0 | 359150 | | | | 2 | 13 | 0.153846 | 8,461538 | | | |
| 11 | 04 | 11 | 31567478 | 201 | 31567679 | 201 | + | 15434 | 15635 | 82 | non-repetitive | PRE1h_SINE/RNA | 141 | MER3A4_LTR/ERV1 | 770 | ENSSSCG0 | 433337 | CYTB | 0 | 5 | 0 | 10 | | | | | |
| 11 | 05 | 11 | 35496075 | 187 | 35496262 | 190 | + | 9694 | 9884 | 69 | L2_LINE/L2 | Pre0_SS_SINE/RNA | 431 | L2_LINE/L2 | 51 | ENSSSCG0 | 324990 | ATP6 | 1 | 4 | 0.25 | 7.5 | | | | | |
| 11 | 06 | 11 | 35970845 | 129 | 35970974 | 131 | + | 606 | 737 | 76 | L1-3_Ssc_LINE/L1 | L1-3_Ssc_LINE/L1 | 39 | Arthur1_DNA/HAT-Tip100 | 265 | ENSSSCG0 | 205083 | | | | | | | | | | |
| 11 | 07 | 11 | 39554110 | 240 | 39554350 | 240 | + | 7739 | 7979 | 87 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 0 | L1B_SS_LINE/L1 | 528 | ENSSSCG0 | 729017 | COX1 | 0 | 1 | 0 | 10 | | | | | |
| 11 | 08 | 11 | 39681163 | 240 | 39681403 | 240 | - | 7740 | 7979 | 87 | Pre0_SS_SINE/RNA | L1B_SS_LINE/L1 | 529 | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 92670 | COX1 | 0 | 1 | 0 | 10 | | | | | |
| 11 | 09 | 11 | 47357806 | 148 | 47357954 | 149 | + | 8813 | 8962 | 89 | Interrupting_Pred0_SS_SINE/RNA | PRE1a_SINE/RNA | 0 | PRE1b_SINE/RNA | 6 | ENSSSCG0 | 328232 | COX2 | 0 | 1 | 0 | 10 | | | | | |
| 11 | 10 | 11 | 47926468 | 145 | 47926613 | 145 | + | 10917 | 11062 | 92 | HALL_SS_LINE/L1 | HALL_SS_LINE/L1 | 92 | HALL_SS_LINE/L1 | 1 | ENSSSCG0 | 238669 | N03 | 0 | 0 | 0 | 0 | | | | | |
| 11 | 11 | 11 | 87074432 | 142 | 87074574 | 147 | + | 3515 | 3661 | 74 | G-rich_low_complexity | G-rich_low_complexity | 100 | G-rich_low_complexity | 197 | ENSSSCG0 | | | | | | | | | | | |
| N | R | 32 | 12 | 774664 | 1774961 | 1774961 | 302 | + | 409 | 711 | 69 | CHR-1_SINE/RNA | CHR-1_SINE/RNA | 4 | CHR-1_SINE/RNA | 535 | ENSSSCG0 | 127908 | | | | | | | | | |
| N | R | 32 | 12 | 776216 | 100 | 776216 | 302 | + | 3565 | 4075 | 65 | non-repetitive | (TAATA)n_Simple_repeat | 125 | unique downstream | - | ENSSSCG0 | 126356 | | | | 5 | 0 | 5 | 10 | | |
| N | R | 32 | 12 | 778980 | 183 | 779163 | 183 | + | 5992 | 6175 | 69 | non-repetitive | Pre0_SS_SINE/RNA | 107 | unique downstream | - | ENSSSCG0 | 123592 | N02 | 0 | 5 | 0 | 10 | | | | |
| N | R | 32 | 12 | 779246 | 1595 | 780841 | 1635 | + | 6337 | 7972 | 68 | SINE1B_SS_SINE/RNA | SINE1B_SS_SINE/RNA | 373 | SINE1B_SS_SINE/RNA | 62 | ENSSSCG0 | 123326 | | | | 9 | 34 | 0.264706 | 7,352941 | | |
| N | R | 32 | 12 | 791260 | 253 | 791513 | 291 | + | 8415 | 8706 | 64 | PRE1j_SINE/RNA | PRE1j_SINE/RNA | 28 | unique downstream | - | ENSSSCG0 | 113132 | COX2 | 0 | 8 | 0.125 | 8.75 | | | | |
| N | R | 33 | 12 | 29974890 | 196 | 29975086 | 199 | + | 9142 | 9341 | 73 | Interrupting_L1B_SS_LINE/L1 | L1B_SS_LINE/L1 | 31 | L1B_SS_LINE/L1 | 4 | ENSSSCG0 | 701649 | ATP6 | 2 | 3 | 0.666667 | 3,333333 | | | | |
| N | R | 33 | 12 | 29975251 | 233 | 29975484 | 239 | + | 9336 | 9575 | 66 | Interrupting_L1B_SS_LINE/L1 | L1B_SS_LINE/L1 | 0 | unique downstream | - | ENSSSCG0 | 701288 | ATP6 | 0 | 3 | 0 | 10 | | | | |
| 12 | 08 | 12 | 53654776 | 165 | 53654941 | 171 | + | 10399 | 10570 | 71 | non-repetitive | MIRb_SINE/MIR | 166 | MER9A8_DNA/HAT-Backpack | 371 | ENSSSCG0 | 6301 | COX3 | 1 | 1 | 1 | 0 | | | | | |
| 12 | 09 | 12 | 58876444 | 118 | 58876562 | 118 | + | 13057 | 13175 | 85 | non-repetitive | LTR33_LTR/ERV1 | 144 | MIR3_SINE/MIR | 193 | ENSSSCG0 | 174077 | N03 | 1 | 1 | 0 | 10 | | | | | |
| 12 | 10 | 12 | 6112631 | 68 | 61126599 | 68 | + | 5706 | 5774 | 81 | non-repetitive | MIR1_Ann_SINE/MIR | 150 | (CAAAA)n_Simple_repeat | 347 | ENSSSCG0 | 0 | N02 | 1 | 2 | 0.5 | 5 | | | | | |
| 12 | 11 | 12 | 61378172 | 68 | 61378248 | 68 | + | 5706 | 5774 | 81 | non-repetitive | (CAAAA)n_Simple_repeat | 347 | (CAAAA)n_Simple_repeat | 347 | ENSSSCG0 | 133881 | N02 | 1 | 2 | 0.5 | 5 | | | | | |
| 13 | 01 | 13 | 3918282 | 164 | 3918464 | 164 | + | 9207 | 9371 | 84 | Interrupting_L1M4E1_LINE/L1 | L1-2_Ssc_LINE/L1 | 29 | Interrupting_L1M4E1_LINE/L1 | 2 | ENSSSCG0 | 118423 | ATP6 | 1 | 3 | 0.333333 | 6,666667 | | | | | |
| N | R | 34 | 13 | 7558055 | 443 | 7558498 | 450 | + | 8940 | 9390 | 71 | L1-3_Ssc_LINE/L1 | L1-3_Ssc_LINE/L1 | 13 | Pre0_SS_SINE/RNA | 375 | ENSSSCG0 | 68652 | | | | 1 | 7 | 0.142857 | 8,571429 | | |
| N | R | 34 | 13 | 7559099 | 182 | 7559281 | 183 | + | 9633 | 9816 | 61 | Pre0_SS_SINE/RNA | PRE1f_SINE/RNA | 1 | Pre0_SS_SINE/RNA | 112 | ENSSSCG0 | 69435 | ATP6 | 1 | 6 | 0.166667 | 6,333333 | | | | |
| N | R | 35 | 13 | 20248651 | 115 | 20248766 | 116 | - | 6214 | 6329 | 86 | PRE1i_SINE/RNA | HALL1_SS_LINE/L1 | 15 | PRE1i_SINE/RNA | 1 | ENSSSCG0 | 12581 | | | | 0 | 1 | 0 | 10 | | |
| N | R | 35 | 13 | 20248992 | 726 | 20249178 | 755 | + | 5470 | 6224 | 65 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 17 | Pre0_SS_SINE/RNA | 12 | ENSSSCG0 | 12240 | N02 | 3 | 17 | 0.176471 | 8,235294 | | | | |
| N | R | 35 | 13 | 2024993 | 609 | 2025602 | 614 | + | 4852 | 5465 | 71 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 2 | Pre0_SS_SINE/RNA | 10 | ENSSSCG0 | 11239 | N01 | 1 | 8 | 0.125 | 8.75 | | | | |
| N | R | 35 | 13 | 20250870 | 187 | 20251057 | 187 | - | 4681 | 4867 | 77 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 0 | Pre0_SS_SINE/RNA | 102 | ENSSSCG0 | 10362 | N01 | 1 | 4 | 0.25 | 7.5 | | | | |
| N | R | 35 | 13 | 20253721 | 252 | 20253973 | 255 | - | 3471 | 3725 | 80 | HALL_SS_LINE/L1 | L1-2_Ssc_LINE/L1 | 45 | ERV1n-2_Ssc_LTR/ERV1 | 138 | ENSSSCG0 | 7511 | | | | 0 | 0 | 0 | 10 | | |
| N | R | | | | | | | | | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------|-------|----|-----------|------|-----------|------|---------|-------|----|---------------------------------|-----------------------|-----|----------------------|-----|----------|--------|------|----|----|----------|----------|----------------|----------------------|----------------------------|-----|
| N_R_40 | 14_17 | 14 | 36165684 | 3809 | 36169493 | 3886 | + 12618 | 16504 | 68 | LI-3_Ssc_LINE/L1 | Pre0_SS_SINE/RNA | 630 | U6:nRNA | 10 | ENSSSCG0 | 855 | ND4 | 35 | 83 | 0,421687 | 5,783133 | MT-14634-15585 | 17:58917083-58918020 | CyB | |
| N_R_40 | 14_18 | 14 | 36170228 | 346 | 36170574 | 347 | + 216 | 563 | 77 | LI-3_Ssc_LINE/L1 | LI-3_Ssc_LINE/L1 | 382 | LI-3_Ssc_LINE/L1 | 61 | ENSSSCG0 | 730 | | | | | | MT-15597-15793 | 17:58918358-58918551 | ENSBTAG0000043572 | |
| N_R_40 | 14_19 | 14 | 36171859 | 504 | 36172363 | 500 | + 1238 | 1738 | 73 | PRE1r_SINE/RNA | LI-3_Ssc_LINE/L1 | 10 | PRE1r_SINE/RNA | 10 | ENSSSCG0 | 261 | | 0 | 3 | 0 | 10 | MT-15597-15793 | 17:58918358-58918551 | ENSBTAG0000043572 | |
| N_R_40 | 14_20 | 14 | 36172557 | 125 | 36172582 | 127 | + 2514 | 2241 | 81 | Pre0_SS_SINE/RNA | PRE1r_SINE/RNA | 1 | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 354 | ND4 | 0 | 1 | 1 | 0 | MT-16155-16336 | 17:58919259-58919445 | --- | |
| N_R_40 | 14_21 | 14 | 36172984 | 715 | 36173699 | 766 | + 2636 | 3402 | 67 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 18 | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 3486 | | 0 | 6 | 0 | 10 | MT-16155-16336 | 17:58919259-58919445 | --- | |
| N_R_40 | 14_22 | 14 | 36173955 | 1477 | 36175432 | 1506 | + 3363 | 4869 | 71 | Interrupting_Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 3 | Pre0_SS_SINE/RNA | 9 | ENSSSCG0 | 4457 | | 4 | 23 | 0 | 10 | MT-13913 | 8,26087 | MT-3787-4099 | ND1 |
| N_R_40 | 14_23 | 14 | 36175900 | 377 | 36176277 | 372 | + 4864 | 5236 | 73 | LIB_Ssc_LINE/L1 | Pre0_SS_SINE/RNA | 203 | LIB_Ssc_LINE/L1 | 2 | ENSSSCG0 | 6420 | ND1 | 2 | 5 | 0,4 | 6 | MT-4120-4288 | 17:58920453-58920699 | ENSBTAG0000043565 | |
| N_R_41 | 14_24 | 14 | 43109648 | 117 | 43109765 | 117 | + 11992 | 12109 | 78 | Pre0_SS_SINE/RNA | LTR10_SS_LTR/ERV1 | 816 | Pre0_SS_SINE/RNA | 13 | ENSSSCG0 | 927 | ND4 | 0 | 0 | 0 | 10 | | | | |
| N_R_41 | 14_25 | 14 | 43110041 | 264 | 43110209 | 263 | + 1710 | 17273 | 83 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 6 | MIRb_SINE/MIR | 26 | ENSSSCG0 | 314 | ND4 | 0 | 3 | 0 | 10 | | | | |
| | 14_26 | 14 | 58859077 | 257 | 58851234 | 257 | + 2203 | 2459 | 90 | non-repetitive | unique upstream | - | L1ME3G_LINE/L1 | 462 | ENSSSCG0 | | | 3 | 3 | 1 | 0 | | | | |
| | 14_27 | 14 | 59121635 | 47 | 59121682 | 47 | + 16541 | 16588 | 94 | non-repetitive | unique downstream | - | unique downstream | - | ENSSSCG0 | 4052 | | 0 | 0 | 0 | 10 | | | | |
| | 14_28 | 14 | 61641393 | 338 | 61641731 | 362 | + 5830 | 6191 | 72 | Interrupting_LI-2_Ssc_LINE/L1 | LI-2_Ssc_LINE/L1 | 10 | HALL1_SS_LINE/L1 | 14 | ENSSSCG0 | ND2 | 2 | 9 | 0 | 222222 | 7,777778 | | | | |
| N_R_42 | 14_29 | 14 | 65695395 | 152 | 65695547 | 156 | + 407 | 563 | 78 | Pre0_SS_SINE/RNA | SINE1B_SS_SINE/RNA | 2 | Pre0_SS_SINE/RNA | 2 | ENSSSCG0 | 11589 | | | | | | | | | |
| N_R_42 | 14_30 | 14 | 65696914 | 675 | 65697589 | 666 | + 1435 | 691 | 69 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 18 | Pre0_SS_SINE/RNA | 18 | ENSSSCG0 | 13472 | | 6 | 10 | 0,6 | 4 | | | | |
| N_R_42 | 14_31 | 14 | 65698853 | 332 | 65699185 | 335 | + 3650 | 3985 | 69 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 57 | HALL1_SS_LINE/L1 | 40 | ENSSSCG0 | 15227 | | 0 | 3 | 0 | 10 | | | | |
| N_R_43 | 14_32 | 14 | 65721678 | 1762 | 65723440 | 1757 | + 6274 | 8031 | 69 | SINE1B_SS_SINE/RNA | A-rich/Low complexity | 185 | SINE1B_SS_SINE/RNA | 8 | ENSSSCG0 | 13007 | | 7 | 35 | 0,2 | 8 | | | | |
| N_R_43 | 14_33 | 14 | 65723547 | 165 | 65723712 | 167 | + 8020 | 8187 | 71 | Interrupting_SINE1_SS_SINE/RNA | SINE1_SS_SINE/RNA | 0 | SINE1A_SS_SINE/RNA | 59 | ENSSSCG0 | 11138 | COX1 | 0 | 2 | 0 | 10 | | | | |
| | 14_34 | 14 | 76577892 | 76 | 76577968 | 76 | + 5221 | 5296 | 89 | MIR_SINE/MIR | MIR_SINE/MIR | 71 | MIRb_SINE/MIR | 863 | ENSSSCG0 | 64429 | ND2 | 0 | 2 | 0 | 10 | | | | |
| | 14_35 | 14 | 83725026 | 102 | 83725128 | 108 | + 14835 | 14942 | 82 | non-repetitive | MIR_SINE/MIR | 125 | L2_LINE/L2 | 492 | ENSSSCG0 | 2350 | ND6 | 2 | 2 | 1 | 0 | | | | |
| | 14_36 | 14 | 91005533 | 180 | 91005533 | 183 | + 8226 | 8409 | 85 | Interrupting_LI-2_Ssc_LINE/L1 | HALL1_SS_LINE/L1 | 4 | LI-2_Ssc_LINE/L1 | 1 | ENSSSCG0 | 6827 | COX2 | 1 | 2 | 0,5 | 5 | | | | |
| N_R_44 | 14_37 | 14 | 95627136 | 203 | 95627339 | 218 | + 16370 | 16588 | 69 | LTR73_LTR/ERV1 | LTR73_LTR/ERV1 | 0 | PRE1r_SINE/RNA | 471 | ENSSSCG0 | 29891 | CYTB | 1 | 4 | 0,25 | 7,5 | MT-16159-16338 | 28:42165062-42165245 | --- | |
| N_R_44 | 14_38 | 14 | 95628030 | 197 | 95628227 | 217 | + 415 | 632 | 76 | [TAC]n_Simple_repeat | PRE1r_SINE/RNA | 21 | [TAC]n_Simple_repeat | 72 | ENSSSCG0 | 30779 | | | | | | MT-418-697 | 28:42163485-42164763 | ENSBTAG0000043567 | |
| N_R_44 | 14_39 | 14 | 95630253 | 531 | 95630784 | 557 | + 1618 | 2175 | 71 | A-rich/Low complexity | A-rich/Low complexity | 19 | Pre0_SS_SINE/RNA | 329 | ENSSSCG0 | 33336 | | 1 | 3 | 0,333333 | 6,666667 | MT-2845-3621 | 28:42175025-42176787 | ND1 | |
| N_R_44 | 14_40 | 14 | 95630864 | 242 | 95631106 | 260 | + 2292 | 2352 | 71 | PRE1r_SINE/RNA | A-rich/Low complexity | 630 | Pre0_SS_SINE/RNA | 7 | ENSSSCG0 | 33558 | | 1 | 3 | 0,333333 | 6,666667 | MT-2845-3621 | 28:42175025-42176787 | ND1 | |
| N_R_44 | 14_41 | 14 | 95632212 | 275 | 95632487 | 281 | + 3025 | 3252 | 74 | SINE1_SS_SINE/RNA | LI-3_Ssc_LINE/L1 | 140 | [A]n_Simple_repeat | 12 | ENSSSCG0 | 35030 | | | | | | MT-2845-3621 | 28:42175525-42176287 | ND1 | |
| N_R_44 | 14_42 | 14 | 95632862 | 272 | 95632954 | 281 | + 3378 | 3659 | 77 | SINE1_SS_SINE/RNA | SINE1_SS_SINE/RNA | 29 | HRNA-UEA-1(TA)n/HRNA | 119 | ENSSSCG0 | 35506 | | 0 | 1 | 0 | 10 | MT-3668-4342 | 28:42174107-42175763 | ND1 | |
| N_R_44 | 14_43 | 14 | 95632954 | 720 | 95633674 | 750 | + 3703 | 4453 | 67 | Pre0_SS_SINE/RNA | SINE1_SS_SINE/RNA | 301 | Pre0_SS_SINE/RNA | 75 | ENSSSCG0 | 36226 | | 4 | 16 | 0,25 | 7,5 | MT-3668-4342 | 28:42174107-42175763 | ND1 | |
| N_R_44 | 14_44 | 14 | 95635336 | 1335 | 95636671 | 1372 | + 5316 | 6688 | 69 | CHR-1_SINE/RNA | LI-3_Ssc_LINE/L1 | 6 | CHR-1_SINE/RNA | 1 | ENSSSCG0 | 39223 | ND2 | 9 | 30 | 0,3 | 7 | MT-4717-6467 | 28:42171759-42174476 | ND1_COX1 | |
| N_R_44 | 14_45 | 14 | 95636777 | 500 | 95637277 | 517 | + 6677 | 7194 | 68 | CHR-1_SINE/RNA | CHR-1_SINE/RNA | 4 | CHR-1_SINE/RNA | 7 | ENSSSCG0 | 39949 | COX1 | 3 | 11 | 0,272727 | 7,272727 | MT-6455-6815 | 28:42171166-42172552 | COX1 | |
| N_R_44 | 14_46 | 14 | 95637511 | 1021 | 95637811 | 1078 | + 1487 | 2041 | 88 | PRE1r_SINE/RNA | PRE1r_SINE/RNA | 3 | PRE1r_SINE/RNA | 13 | ENSSSCG0 | 41084 | COX1 | 3 | 14 | 0,214286 | 7,857143 | MT-7233-7929 | 28:42162764-42164454 | COX1 | |
| N_R_44 | 14_47 | 14 | 95639556 | 467 | 95640023 | 483 | + 8259 | 8742 | 70 | PRE1f_SINE/RNA | PRE1f_SINE/RNA | 3 | LTR4Bc_SS_LTR/ERVk | 732 | ENSSSCG0 | 42575 | COX1 | 1 | 10 | 0,1 | 9 | | | | |
| N_R_45 | 14_48 | 14 | 107340193 | 126 | 107340319 | 126 | + 4167 | 4292 | 88 | non-repetitive | MIRb_SINE/MIR | 365 | MIRb_SINE/MIR | 329 | ENSSSCG0 | 159412 | ND1 | 2 | 4 | 0,5 | 5 | | | | |
| N_R_45 | 14_49 | 14 | 107340320 | 67 | 107340387 | 67 | + 15492 | 15558 | 87 | non-repetitive | MIRb_SINE/MIR | 492 | MIRb_SINE/MIR | 261 | ENSSSCG0 | 159285 | CYTB | | | | | | | | |
| | 14_50 | 14 | 111395265 | 62 | 111395237 | 62 | + 13995 | 14057 | 92 | interrupting_Pre0_SS_SINE/RNA | MIR_SINE/MIR | 449 | PRE1r_SINE/RNA | 11 | ENSSSCG0 | ND5 | 0 | 1 | 0 | 10 | | | | | |
| | 14_51 | 14 | 113345004 | 66 | 113345068 | 64 | + 566 | 629 | 88 | non-repetitive | MIRb_SINE/MIR | 192 | MIRb_SINE/MIR | 192 | ENSSSCG0 | 192 | | | | | | | | | |
| | 14_52 | 14 | 115682667 | 71 | 115682738 | 71 | + 6665 | 6736 | 82 | non-repetitive | Pre0_SS_SINE/RNA | 581 | L1MC2_LINE/L1 | 747 | ENSSSCG0 | | COX1 | 2 | 5 | 0,4 | 6 | | | | |
| | 14_53 | 14 | 116093971 | 118 | 116094089 | 119 | + 9702 | 9820 | 86 | Interrupting_LI-3_Ssc_LINE/L1 | LI-2_Ssc_LINE/L1 | 1 | LI-2_Ssc_LINE/L1 | 4 | ENSSSCG0 | 18823 | ATP6 | 1 | 3 | 0,333333 | 6,666667 | | | | |
| N_R_46 | 14_54 | 14 | 132592143 | 741 | 132592884 | 751 | + 2180 | 2931 | 70 | non-repetitive | unique upstream | - | LI-2_Ssc_LINE/L1 | 429 | ENSSSCG0 | 82276 | | 1 | 8 | 0,125 | 8,75 | MT-2198-3874 | 26:32043743-32043904 | ENSBTAG0000043570, ND1 | |
| N_R_46 | 14_55 | 14 | 132596198 | 1335 | 132597533 | 1343 | + 3041 | 4384 | 71 | Pre0_SS_SINE/RNA | LI-3_Ssc_LINE/L1 | 10 | Pre0_SS_SINE/RNA | 2 | ENSSSCG0 | 77627 | | 3 | 16 | 0,1875 | 8,125 | MT-3877-4342 | 26:32040159-32041608 | ND1, ENSBTAG0000043575, D2 | |
| N_R_46 | 14_56 | 14 | 132597792 | 325 | 132598117 | 324 | + 4387 | 4731 | 68 | Pre0_SS_SINE/RNA | LI-3_Ssc_LINE/L1 | 10 | LI-3_Ssc_LINE/L1 | 238 | ENSSSCG0 | 76790 | ND1 | 2 | 4 | 0,5 | 5 | MT-4409-4517 | 26:32040639-32041748 | ND1 | |
| N_R_46 | 14_57 | 14 | 132601543 | 931 | 132602474 | 979 | + 6544 | 7522 | 67 | Interrupting_LIB_Ssc_LINE/L1 | LIB_Ssc_LINE/L1 | 0 | Pre0_SS_SINE/RNA | 16 | ENSSSCG0 | 72686 | COX1 | 6 | 19 | 0,315789 | 6,842105 | MT-6290-7028 | 26:32043565-32045269 | COX1 | |
| N_R_46 | 14_58 | 14 | 132602747 | 1251 | 132603998 | 1334 | + 5196 | 6529 | 66 | LI-1_Ssc_LINE/L1 | Pre0_SS_SINE/RNA | 5 | LI-2_Ssc_LINE/L1 | 97 | ENSSSCG0 | 71652 | ND2 | 9 | 32 | 0,28125 | 7,1875 | MT-5125-6185 | 26:32041519-32043589 | ND2_COX1 | |
| N_R_46 | 14_59 | 14 | 132612767 | 861 | 132613628 | 888 | + 7517 | 8405 | 65 | Pre0_SS_SINE/RNA | LI-3_Ssc_LINE/L1 | 3 | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 61532 | COX1 | 3 | 11 | 0,272727 | 7,272727 | MT-6290-7028 | 26:32043565-32045269 | COX1 | |
| N_R_46 | 14_60 | 14 | 132613946 | 376 | 132614322 | 389 | + 8380 | 8769 | 72 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 72 | L1MB3_LINE/L1 | 592 | ENSSSCG0 | 60636 | COX2 | 2 | 10 | 0,2 | 8 | MT-6290-7028 | 26:32043565-32045269 | COX1 | |
| | 15_01 | 15 | 6053740 | 291 | 6054031 | 294 | + 3379 | 3672 | 89 | non-repetitive | unique upstream | - | [TAG]n_Simple_repeat | 247 | ENSSSCG0 | #N/D | | 0 | 1 | 0 | 10 | | | | |
| | 15_02 | 15 | 6215315 | 291 | 6215606 | 294 | + 3379 | 3672 | 89 | non-repetitive | unique upstream | - | [TAG]n_Simple_repeat | 247 | ENSSSCG0 | #N/D | | 0 | 1 | 0 | 10 | | | | |
| N_R_47 | 15_03 | 15 | 28621861 | 431 | 28622292 | 454 | + 8316 | 8769 | 66 | non-repetitive | PRE1r_SINE/RNA | 741 | PRE1r_SINE/RNA | 247 | ENSSSCG0 | 37399 | COX2 | 2 | 10 | 0,2 | 8 | MT-7027-7717 | 2:47307778-4731458 | COX1 | |
| N_R_47 | 15_04 | 15 | 28626249 | 83 | 28626332 | 81 | + 8033 | 8116 | 79 | Interrupting_SINE1B_SS_SINE/RNA | SINE1A_SS_SINE/RNA | 133 | SINE1B_SS_SINE/RNA | 1 | ENSSSCG0 | 41439 | COX1 | 0 | 0 | 0 | 10 | MT-7027-7717 | 2:47307778-4731458 | COX1 | |
| N_R_47 | 15_05 | 15 | 28626152 | 286 | 28626165 | 286 | + 765 | 8061 | 66 | [T]n_Simple_repeat | PRE1r_SINE/RNA | 1 | [T]n_Simple_repeat | 205 | ENSSSCG0 | 43579 | | 9 | 35 | 0,257143 | 7,428571 | MT-6360-7017 | 2:4729845-4730502 | COX1 | |
| N_R_47 | 15_06 | 15 | 28628197 | 190 | 28628387 | 190 | + 5986 | 6175 | 72 | Pre0_SS_SINE/RNA | unique upstream | - | Pre0_SS_SINE/RNA | 1 | ENSSSCG0 | 43494 | ND2 | 0 | 5 | 0 | 10 | MT-6360-7017 | 2:4729845-4730502 | COX1 | |
| N_R_47 | 15_07 | 15 | 28628656 | 776 | 28629432 | 809 | + 5173 | 5981 | 63 | Pre0_SS_SINE/RNA | PRE1r_SINE/RNA | 22 | Pre0_SS_SINE/RNA | 77 | ENSSSCG0 | 44539 | ND2 | 5 | 16 | 0,3125 | 6,875 | MT-6360-7017 | 2:4729845-4730502 | COX1 | |
| N_R_47 | 15_08 | 15 | 28630809 | 730 | 28631539 | 762 | + 1169 | 1930 | 67 | Pre0_SS_SINE/RNA | Pre0_SS_SINE/RNA | 218 | Pre0_SS_SINE/RNA | 59 | ENSSSCG0 | 46466 | | 2 | 4 | 0,5 | 5 | MT-6360-7017 | 2:4729845-4730502 | COX1 | |
| | 15_09 | 15 | 41977915 | 239 | 41978154 | 239 | + 15380 | 15618 | 86 | non-repetitive | [AAT]n_Simple_repeat | 873 | L2_LINE/L2 | 429 | ENSSSCG0 | 365088 | CYTB | 0 | | | | | | | |

