

Supp. Table S1: Known repeats found in microvesicles (including exosomes) (+DNase)

Listing of all 545 human repeats for which a known loci overlapped with the alignment loci of a microvesicle derived read

| count | Name of Repeat | Class of Repeat | Family of repeat |
|-------|----------------|-----------------|------------------|
| 1 | Arthur1A | DNA | hAT-Tip100 |
| 2 | Arthur1B | DNA | hAT-Tip100 |
| 3 | Charlie1 | DNA | hAT-Charlie |
| 4 | Charlie10 | DNA | hAT-Charlie |
| 5 | Charlie16a | DNA | hAT-Charlie |
| 6 | Charlie17a | DNA | hAT-Charlie |
| 7 | Charlie19a | DNA | hAT-Charlie |
| 8 | Charlie1b | DNA | hAT-Charlie |
| 9 | Charlie23a | DNA | hAT-Charlie |
| 10 | Charlie25 | DNA | hAT-Charlie |
| 11 | Charlie2b | DNA | hAT-Charlie |
| 12 | Charlie4a | DNA | hAT-Charlie |
| 13 | Charlie4z | DNA | hAT-Charlie |
| 14 | Charlie5 | DNA | hAT-Charlie |
| 15 | Charlie6 | DNA | hAT-Charlie |
| 16 | Charlie7 | DNA | hAT-Charlie |
| 17 | Charlie8 | DNA | hAT-Charlie |
| 18 | Cheshire | DNA | hAT-Charlie |
| 19 | HSMAR1 | DNA | TcMar-Mariner |
| 20 | HSMAR2 | DNA | TcMar-Mariner |
| 21 | Kanga2_a | DNA | TcMar-Tc2 |
| 22 | MARNA | DNA | TcMar-Mariner |
| 23 | MER102a | DNA | hAT-Charlie |
| 24 | MER102b | DNA | hAT-Charlie |
| 25 | MER102c | DNA | hAT-Charlie |
| 26 | MER103C | DNA | hAT-Charlie |
| 27 | MER112 | DNA | hAT-Charlie |
| 28 | MER113A | DNA | hAT-Charlie |
| 29 | MER115 | DNA | hAT-Tip100 |
| 30 | MER117 | DNA | hAT-Charlie |
| 31 | MER119 | DNA | hAT-Charlie |
| 32 | MER126 | DNA | DNA |
| 33 | MER135 | DNA | DNA |
| 34 | MER1A | DNA | hAT-Charlie |
| 35 | MER1B | DNA | hAT-Charlie |
| 36 | MER2 | DNA | TcMar-Tigger |

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|----|------------|-----|---------------|
| 37 | MER20 | DNA | hAT-Charlie |
| 38 | MER2B | DNA | TcMar-Tigger |
| 39 | MER3 | DNA | hAT-Charlie |
| 40 | MER30 | DNA | hAT-Charlie |
| 41 | MER33 | DNA | hAT-Charlie |
| 42 | MER44A | DNA | TcMar-Tigger |
| 43 | MER44B | DNA | TcMar-Tigger |
| 44 | MER45A | DNA | hAT-Tip100 |
| 45 | MER45C | DNA | hAT-Tip100 |
| 46 | MER47B | DNA | TcMar-Tigger |
| 47 | MER53 | DNA | hAT |
| 48 | MER58A | DNA | hAT-Charlie |
| 49 | MER58B | DNA | hAT-Charlie |
| 50 | MER5A | DNA | hAT-Charlie |
| 51 | MER5A1 | DNA | hAT-Charlie |
| 52 | MER5B | DNA | hAT-Charlie |
| 53 | MER5C1 | DNA | hAT-Charlie |
| 54 | MER63A | DNA | hAT-Blackjack |
| 55 | MER6A | DNA | TcMar-Tigger |
| 56 | MER8 | DNA | TcMar-Tigger |
| 57 | MER82 | DNA | TcMar-Tigger |
| 58 | MER91A | DNA | hAT-Tip100 |
| 59 | MER91B | DNA | hAT-Tip100 |
| 60 | MER91C | DNA | hAT-Tip100 |
| 61 | MER96B | DNA | hAT |
| 62 | MamRep1161 | DNA | TcMar |
| 63 | MamRep1894 | DNA | hAT |
| 64 | MamRep38 | DNA | hAT |
| 65 | MamRep434 | DNA | TcMar-Tigger |
| 66 | Tigger1 | DNA | TcMar-Tigger |
| 67 | Tigger10 | DNA | TcMar-Tigger |
| 68 | Tigger13a | DNA | TcMar-Tigger |
| 69 | Tigger14a | DNA | TcMar-Tigger |
| 70 | Tigger15a | DNA | TcMar-Tigger |
| 71 | Tigger16b | DNA | TcMar-Tigger |
| 72 | Tigger2 | DNA | TcMar-Tigger |
| 73 | Tigger2a | DNA | TcMar-Tigger |
| 74 | Tigger3a | DNA | TcMar-Tigger |
| 75 | Tigger3b | DNA | TcMar-Tigger |
| 76 | Tigger3c | DNA | TcMar-Tigger |
| 77 | Tigger4 | DNA | TcMar-Tigger |

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|-----|------------|------|--------------|
| 78 | Tigger4a | DNA | TcMar-Tigger |
| 79 | Tigger4b | DNA | TcMar-Tigger |
| 80 | Tigger7 | DNA | TcMar-Tigger |
| 81 | Zaphod3 | DNA | hAT-Tip100 |
| 82 | HAL1 | LINE | L1 |
| 83 | HAL1-3A_ME | LINE | L1 |
| 84 | L1HS | LINE | L1 |
| 85 | L1M1 | LINE | L1 |
| 86 | L1M2 | LINE | L1 |
| 87 | L1M3 | LINE | L1 |
| 88 | L1M3a | LINE | L1 |
| 89 | L1M3c | LINE | L1 |
| 90 | L1M3f | LINE | L1 |
| 91 | L1M4 | LINE | L1 |
| 92 | L1M4b | LINE | L1 |
| 93 | L1M4c | LINE | L1 |
| 94 | L1M5 | LINE | L1 |
| 95 | L1M6 | LINE | L1 |
| 96 | L1M7 | LINE | L1 |
| 97 | L1MA1 | LINE | L1 |
| 98 | L1MA10 | LINE | L1 |
| 99 | L1MA2 | LINE | L1 |
| 100 | L1MA3 | LINE | L1 |
| 101 | L1MA4 | LINE | L1 |
| 102 | L1MA4A | LINE | L1 |
| 103 | L1MA5 | LINE | L1 |
| 104 | L1MA6 | LINE | L1 |
| 105 | L1MA7 | LINE | L1 |
| 106 | L1MA8 | LINE | L1 |
| 107 | L1MA9 | LINE | L1 |
| 108 | L1MB1 | LINE | L1 |
| 109 | L1MB2 | LINE | L1 |
| 110 | L1MB3 | LINE | L1 |
| 111 | L1MB4 | LINE | L1 |
| 112 | L1MB5 | LINE | L1 |
| 113 | L1MB7 | LINE | L1 |
| 114 | L1MB8 | LINE | L1 |
| 115 | L1MC | LINE | L1 |
| 116 | L1MC1 | LINE | L1 |
| 117 | L1MC2 | LINE | L1 |
| 118 | L1MC3 | LINE | L1 |

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|-----|--------|------|----|
| 119 | L1MC4 | LINE | L1 |
| 120 | L1MC4a | LINE | L1 |
| 121 | L1MC5 | LINE | L1 |
| 122 | L1MCa | LINE | L1 |
| 123 | L1MCb | LINE | L1 |
| 124 | L1MCc | LINE | L1 |
| 125 | L1MD | LINE | L1 |
| 126 | L1MD1 | LINE | L1 |
| 127 | L1MD2 | LINE | L1 |
| 128 | L1MD3 | LINE | L1 |
| 129 | L1MDa | LINE | L1 |
| 130 | L1MDb | LINE | L1 |
| 131 | L1ME1 | LINE | L1 |
| 132 | L1ME2 | LINE | L1 |
| 133 | L1ME2z | LINE | L1 |
| 134 | L1ME3 | LINE | L1 |
| 135 | L1ME3A | LINE | L1 |
| 136 | L1ME3B | LINE | L1 |
| 137 | L1ME3C | LINE | L1 |
| 138 | L1ME3D | LINE | L1 |
| 139 | L1ME3E | LINE | L1 |
| 140 | L1ME3F | LINE | L1 |
| 141 | L1ME4a | LINE | L1 |
| 142 | L1ME5 | LINE | L1 |
| 143 | L1MEc | LINE | L1 |
| 144 | L1MEe | LINE | L1 |
| 145 | L1MEf | LINE | L1 |
| 146 | L1MEg | LINE | L1 |
| 147 | L1MEg1 | LINE | L1 |
| 148 | L1MEg2 | LINE | L1 |
| 149 | L1P1 | LINE | L1 |
| 150 | L1P2 | LINE | L1 |
| 151 | L1P3 | LINE | L1 |
| 152 | L1PA10 | LINE | L1 |
| 153 | L1PA11 | LINE | L1 |
| 154 | L1PA12 | LINE | L1 |
| 155 | L1PA13 | LINE | L1 |
| 156 | L1PA14 | LINE | L1 |
| 157 | L1PA15 | LINE | L1 |
| 158 | L1PA16 | LINE | L1 |
| 159 | L1PA2 | LINE | L1 |

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|-----|-----------------|------|----------|
| 160 | L1PA3 | LINE | L1 |
| 161 | L1PA4 | LINE | L1 |
| 162 | L1PA5 | LINE | L1 |
| 163 | L1PA6 | LINE | L1 |
| 164 | L1PA7 | LINE | L1 |
| 165 | L1PA8 | LINE | L1 |
| 166 | L1PA8A | LINE | L1 |
| 167 | L1PB1 | LINE | L1 |
| 168 | L1PB2 | LINE | L1 |
| 169 | L1PB3 | LINE | L1 |
| 170 | L1PB4 | LINE | L1 |
| 171 | L1PREC2 | LINE | L1 |
| 172 | L2 | LINE | L2 |
| 173 | L2a | LINE | L2 |
| 174 | L2b | LINE | L2 |
| 175 | L2c | LINE | L2 |
| 176 | L3 | LINE | CR1 |
| 177 | L3b | LINE | CR1 |
| 178 | L4 | LINE | RTE |
| 179 | Plat_L3 | LINE | CR1 |
| 180 | X3_LINE | LINE | RTE-BovB |
| 181 | X5A_LINE | LINE | CR1 |
| 182 | X6B_LINE | LINE | CR1 |
| 183 | X9_LINE | LINE | L1? |
| 184 | ERV3-16A3_l-int | LTR | ERVL |
| 185 | ERVL-B4-int | LTR | ERVL |
| 186 | HERV15-int | LTR | ERV1 |
| 187 | HERV16-int | LTR | ERVL |
| 188 | HERV17-int | LTR | ERV1 |
| 189 | HERV3-int | LTR | ERV1 |
| 190 | HERV9-int | LTR | ERV1 |
| 191 | HERVE-int | LTR | ERV1 |
| 192 | HERVE_a-int | LTR | ERV1 |
| 193 | HERVH-int | LTR | ERV1 |
| 194 | HERVI-int | LTR | ERV1 |
| 195 | HERVIP10F-int | LTR | ERV1 |
| 196 | HERVIP10FH-int | LTR | ERV1 |
| 197 | HERVK-int | LTR | ERVK |
| 198 | HERVK14-int | LTR | ERVK |
| 199 | HERVK22-int | LTR | ERVK |
| 200 | HERVK3-int | LTR | ERVK |

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|-----|---------------|-----|------|
| 201 | HERVL-int | LTR | ERVL |
| 202 | HERVL40-int | LTR | ERVL |
| 203 | HERVL66-int | LTR | ERVL |
| 204 | HERVL74-int | LTR | ERVL |
| 205 | HERVP71A-int | LTR | ERV1 |
| 206 | HERVS71-int | LTR | ERV1 |
| 207 | HUERS-P1-int | LTR | ERV1 |
| 208 | HUERS-P3-int | LTR | ERV1 |
| 209 | Harlequin-int | LTR | ERV1 |
| 210 | LOR1-int | LTR | ERV1 |
| 211 | LTR1 | LTR | ERV1 |
| 212 | LTR10C | LTR | ERV1 |
| 213 | LTR12 | LTR | ERV1 |
| 214 | LTR12C | LTR | ERV1 |
| 215 | LTR12D | LTR | ERV1 |
| 216 | LTR12E | LTR | ERV1 |
| 217 | LTR12_ | LTR | ERV1 |
| 218 | LTR13 | LTR | ERVK |
| 219 | LTR14B | LTR | ERVK |
| 220 | LTR16A1 | LTR | ERVL |
| 221 | LTR16C | LTR | ERVL |
| 222 | LTR19-int | LTR | ERV1 |
| 223 | LTR19A | LTR | ERV1 |
| 224 | LTR19B | LTR | ERV1 |
| 225 | LTR19C | LTR | ERV1 |
| 226 | LTR1C | LTR | ERV1 |
| 227 | LTR1D | LTR | ERV1 |
| 228 | LTR2 | LTR | ERV1 |
| 229 | LTR21A | LTR | ERV1 |
| 230 | LTR23 | LTR | ERV1 |
| 231 | LTR24B | LTR | ERV1 |
| 232 | LTR25-int | LTR | ERV1 |
| 233 | LTR2B | LTR | ERV1 |
| 234 | LTR2C | LTR | ERV1 |
| 235 | LTR3 | LTR | ERVK |
| 236 | LTR30 | LTR | ERV1 |
| 237 | LTR32 | LTR | ERVL |
| 238 | LTR33 | LTR | ERVL |
| 239 | LTR35 | LTR | ERV1 |
| 240 | LTR37B | LTR | ERV1 |
| 241 | LTR38B | LTR | ERV1 |

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|-----|------------|-----|--------|
| 242 | LTR39 | LTR | ERV1 |
| 243 | LTR3A | LTR | ERVK |
| 244 | LTR3B_ | LTR | ERVK |
| 245 | LTR40a | LTR | ERVL |
| 246 | LTR40c | LTR | ERVL |
| 247 | LTR41 | LTR | ERVL |
| 248 | LTR41B | LTR | ERVL |
| 249 | LTR46 | LTR | ERV1 |
| 250 | LTR46-int | LTR | ERV1 |
| 251 | LTR47A | LTR | ERVL |
| 252 | LTR47B | LTR | ERVL |
| 253 | LTR48 | LTR | ERV1 |
| 254 | LTR5 | LTR | ERVK |
| 255 | LTR50 | LTR | ERVL |
| 256 | LTR52 | LTR | ERVL |
| 257 | LTR53 | LTR | ERVL |
| 258 | LTR55 | LTR | ERV |
| 259 | LTR5A | LTR | ERVK |
| 260 | LTR5B | LTR | ERVK |
| 261 | LTR5_Hs | LTR | ERVK |
| 262 | LTR66 | LTR | ERVL |
| 263 | LTR6A | LTR | ERV1 |
| 264 | LTR6B | LTR | ERV1 |
| 265 | LTR7 | LTR | ERV1 |
| 266 | LTR77 | LTR | ERV1 |
| 267 | LTR78 | LTR | ERV1 |
| 268 | LTR79 | LTR | ERVL |
| 269 | LTR7B | LTR | ERV1 |
| 270 | LTR7C | LTR | ERV1 |
| 271 | LTR7Y | LTR | ERV1 |
| 272 | LTR8 | LTR | ERV1 |
| 273 | LTR85b | LTR | Gypsy? |
| 274 | LTR87 | LTR | ERVL? |
| 275 | LTR88c | LTR | Gypsy? |
| 276 | LTR8A | LTR | ERV1 |
| 277 | LTR9 | LTR | ERV1 |
| 278 | LTR9B | LTR | ERV1 |
| 279 | MER101-int | LTR | ERV1 |
| 280 | MER11A | LTR | ERVK |
| 281 | MER11C | LTR | ERVK |
| 282 | MER11D | LTR | ERVK |

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|-----|------------|-----|------|
| 283 | MER21-int | LTR | ERVL |
| 284 | MER21A | LTR | ERVL |
| 285 | MER21B | LTR | ERVL |
| 286 | MER21C | LTR | ERVL |
| 287 | MER31A | LTR | ERV1 |
| 288 | MER34A1 | LTR | ERV1 |
| 289 | MER34B-int | LTR | ERV1 |
| 290 | MER34C | LTR | ERV1 |
| 291 | MER34C_ | LTR | ERV1 |
| 292 | MER4-int | LTR | ERV1 |
| 293 | MER41-int | LTR | ERV1 |
| 294 | MER41A | LTR | ERV1 |
| 295 | MER41B | LTR | ERV1 |
| 296 | MER41D | LTR | ERV1 |
| 297 | MER49 | LTR | ERV1 |
| 298 | MER4A | LTR | ERV1 |
| 299 | MER4A1 | LTR | ERV1 |
| 300 | MER4A1_ | LTR | ERV1 |
| 301 | MER4D1 | LTR | ERV1 |
| 302 | MER50-int | LTR | ERV1 |
| 303 | MER51-int | LTR | ERV1 |
| 304 | MER51A | LTR | ERV1 |
| 305 | MER51B | LTR | ERV1 |
| 306 | MER51C | LTR | ERV1 |
| 307 | MER52-int | LTR | ERV1 |
| 308 | MER52A | LTR | ERV1 |
| 309 | MER52C | LTR | ERV1 |
| 310 | MER52D | LTR | ERV1 |
| 311 | MER57-int | LTR | ERV1 |
| 312 | MER57A-int | LTR | ERV1 |
| 313 | MER57A1 | LTR | ERV1 |
| 314 | MER57B2 | LTR | ERV1 |
| 315 | MER57E1 | LTR | ERV1 |
| 316 | MER61-int | LTR | ERV1 |
| 317 | MER65A | LTR | ERV1 |
| 318 | MER65D | LTR | ERV1 |
| 319 | MER66B | LTR | ERV1 |
| 320 | MER67C | LTR | ERV1 |
| 321 | MER68 | LTR | ERVL |
| 322 | MER68-int | LTR | ERVL |
| 323 | MER74A | LTR | ERVL |

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|-----|-----------|-----|-----------|
| 324 | MER77 | LTR | ERVL |
| 325 | MER83 | LTR | ERV1 |
| 326 | MER89-int | LTR | ERV1 |
| 327 | MER90 | LTR | ERV1 |
| 328 | MER90a | LTR | ERV1 |
| 329 | MLT1A | LTR | ERVL-MaLR |
| 330 | MLT1A0 | LTR | ERVL-MaLR |
| 331 | MLT1A1 | LTR | ERVL-MaLR |
| 332 | MLT1B | LTR | ERVL-MaLR |
| 333 | MLT1C | LTR | ERVL-MaLR |
| 334 | MLT1D | LTR | ERVL-MaLR |
| 335 | MLT1E | LTR | ERVL-MaLR |
| 336 | MLT1E1A | LTR | ERVL-MaLR |
| 337 | MLT1E2 | LTR | ERVL-MaLR |
| 338 | MLT1E3 | LTR | ERVL-MaLR |
| 339 | MLT1F | LTR | ERVL-MaLR |
| 340 | MLT1F-int | LTR | ERVL-MaLR |
| 341 | MLT1F1 | LTR | ERVL-MaLR |
| 342 | MLT1F2 | LTR | ERVL-MaLR |
| 343 | MLT1G | LTR | ERVL-MaLR |
| 344 | MLT1G1 | LTR | ERVL-MaLR |
| 345 | MLT1G3 | LTR | ERVL-MaLR |
| 346 | MLT1H | LTR | ERVL-MaLR |
| 347 | MLT1H2 | LTR | ERVL-MaLR |
| 348 | MLT1I | LTR | ERVL-MaLR |
| 349 | MLT1J | LTR | ERVL-MaLR |
| 350 | MLT1J1 | LTR | ERVL-MaLR |
| 351 | MLT1K | LTR | ERVL-MaLR |
| 352 | MLT1L | LTR | ERVL-MaLR |
| 353 | MLT1N2 | LTR | ERVL-MaLR |
| 354 | MLT2A1 | LTR | ERVL |
| 355 | MLT2A2 | LTR | ERVL |
| 356 | MLT2B1 | LTR | ERVL |
| 357 | MLT2B2 | LTR | ERVL |
| 358 | MLT2C2 | LTR | ERVL |
| 359 | MLT2D | LTR | ERVL |
| 360 | MLT2F | LTR | ERVL |
| 361 | MSTA | LTR | ERVL-MaLR |
| 362 | MSTA-int | LTR | ERVL-MaLR |
| 363 | MSTB | LTR | ERVL-MaLR |
| 364 | MSTB-int | LTR | ERVL-MaLR |

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|-----|----------------|----------------|----------------|
| 365 | MSTB1 | LTR | ERVL-MaLR |
| 366 | MSTD | LTR | ERVL-MaLR |
| 367 | MamGyp-int | LTR | Gypsy |
| 368 | MamGypLTR1b | LTR | Gypsy |
| 369 | MamGypLTR1c | LTR | Gypsy |
| 370 | MamGypLTR2b | LTR | Gypsy |
| 371 | MamGypLTR3 | LTR | Gypsy |
| 372 | MamRep1527 | LTR | LTR |
| 373 | PABL_A | LTR | ERV1 |
| 374 | PRIMA41-int | LTR | ERV1 |
| 375 | PRIMA4_LTR | LTR | ERV1 |
| 376 | THE1A | LTR | ERVL-MaLR |
| 377 | THE1A-int | LTR | ERVL-MaLR |
| 378 | THE1B | LTR | ERVL-MaLR |
| 379 | THE1B-int | LTR | ERVL-MaLR |
| 380 | THE1C | LTR | ERVL-MaLR |
| 381 | THE1C-int | LTR | ERVL-MaLR |
| 382 | THE1D | LTR | ERVL-MaLR |
| 383 | THE1D-int | LTR | ERVL-MaLR |
| 384 | A-rich | Low_complexity | Low_complexity |
| 385 | AT_rich | Low_complexity | Low_complexity |
| 386 | C-rich | Low_complexity | Low_complexity |
| 387 | CT-rich | Low_complexity | Low_complexity |
| 388 | G-rich | Low_complexity | Low_complexity |
| 389 | GA-rich | Low_complexity | Low_complexity |
| 390 | GC_rich | Low_complexity | Low_complexity |
| 391 | T-rich | Low_complexity | Low_complexity |
| 392 | polypurine | Low_complexity | Low_complexity |
| 393 | polypyrimidine | Low_complexity | Low_complexity |
| 394 | SVA_A | Other | Other |
| 395 | SVA_B | Other | Other |
| 396 | SVA_C | Other | Other |
| 397 | SVA_D | Other | Other |
| 398 | SVA_E | Other | Other |
| 399 | SVA_F | Other | Other |
| 400 | 7SK | RNA | RNA |
| 401 | AluJb | SINE | Alu |
| 402 | AluJo | SINE | Alu |
| 403 | AluJr | SINE | Alu |
| 404 | AluJr4 | SINE | Alu |
| 405 | AluSc | SINE | Alu |

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|-----|-----------|---------------|---------------|
| 406 | AluSc5 | SINE | Alu |
| 407 | AluSc8 | SINE | Alu |
| 408 | AluSg | SINE | Alu |
| 409 | AluSg4 | SINE | Alu |
| 410 | AluSg7 | SINE | Alu |
| 411 | AluSp | SINE | Alu |
| 412 | AluSq | SINE | Alu |
| 413 | AluSq10 | SINE | Alu |
| 414 | AluSq2 | SINE | Alu |
| 415 | AluSq4 | SINE | Alu |
| 416 | AluSx | SINE | Alu |
| 417 | AluSx1 | SINE | Alu |
| 418 | AluSx3 | SINE | Alu |
| 419 | AluSx4 | SINE | Alu |
| 420 | AluSz | SINE | Alu |
| 421 | AluSz6 | SINE | Alu |
| 422 | AluY | SINE | Alu |
| 423 | AluYa5 | SINE | Alu |
| 424 | AluYa8 | SINE | Alu |
| 425 | AluYc | SINE | Alu |
| 426 | AluYg6 | SINE | Alu |
| 427 | AluYk4 | SINE | Alu |
| 428 | FAM | SINE | Alu |
| 429 | FLAM_A | SINE | Alu |
| 430 | FLAM_C | SINE | Alu |
| 431 | FRAM | SINE | Alu |
| 432 | MIR | SINE | MIR |
| 433 | MIR3 | SINE | MIR |
| 434 | MIRb | SINE | MIR |
| 435 | MIRc | SINE | MIR |
| 436 | MamSINE1 | SINE | tRNA |
| 437 | ALR/Alpha | Satellite | centr |
| 438 | BSR/Beta | Satellite | Satellite |
| 439 | GSATII | Satellite | centr |
| 440 | LSAU | Satellite | Satellite |
| 441 | MSR1 | Satellite | Satellite |
| 442 | REP522 | Satellite | telo |
| 443 | SST1 | Satellite | centr |
| 444 | TAR1 | Satellite | telo |
| 445 | (A)n | Simple_repeat | Simple_repeat |
| 446 | (AATAG)n | Simple_repeat | Simple_repeat |

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|-----|-----------|---------------|---------------|
| 447 | (AGGGGG)n | Simple_repeat | Simple_repeat |
| 448 | (ATAGG)n | Simple_repeat | Simple_repeat |
| 449 | (ATG)n | Simple_repeat | Simple_repeat |
| 450 | (ATTG)n | Simple_repeat | Simple_repeat |
| 451 | (C)n | Simple_repeat | Simple_repeat |
| 452 | (CA)n | Simple_repeat | Simple_repeat |
| 453 | (CAA)n | Simple_repeat | Simple_repeat |
| 454 | (CAAA)n | Simple_repeat | Simple_repeat |
| 455 | (CAAAA)n | Simple_repeat | Simple_repeat |
| 456 | (CAAAAA)n | Simple_repeat | Simple_repeat |
| 457 | (CAAT)n | Simple_repeat | Simple_repeat |
| 458 | (CACCC)n | Simple_repeat | Simple_repeat |
| 459 | (CAG)n | Simple_repeat | Simple_repeat |
| 460 | (CAGAGA)n | Simple_repeat | Simple_repeat |
| 461 | (CAGCC)n | Simple_repeat | Simple_repeat |
| 462 | (CAGGC)n | Simple_repeat | Simple_repeat |
| 463 | (CAGGG)n | Simple_repeat | Simple_repeat |
| 464 | (CAT)n | Simple_repeat | Simple_repeat |
| 465 | (CATATA)n | Simple_repeat | Simple_repeat |
| 466 | (CCA)n | Simple_repeat | Simple_repeat |
| 467 | (CCCA)n | Simple_repeat | Simple_repeat |
| 468 | (CCCCAA)n | Simple_repeat | Simple_repeat |
| 469 | (CCCCAG)n | Simple_repeat | Simple_repeat |
| 470 | (CCCCCG)n | Simple_repeat | Simple_repeat |
| 471 | (CCCCCT)n | Simple_repeat | Simple_repeat |
| 472 | (CCCGG)n | Simple_repeat | Simple_repeat |
| 473 | (CCCG)n | Simple_repeat | Simple_repeat |
| 474 | (CCG)n | Simple_repeat | Simple_repeat |
| 475 | (CCGCG)n | Simple_repeat | Simple_repeat |
| 476 | (CG)n | Simple_repeat | Simple_repeat |
| 477 | (CGG)n | Simple_repeat | Simple_repeat |
| 478 | (CGGA)n | Simple_repeat | Simple_repeat |
| 479 | (CGGG)n | Simple_repeat | Simple_repeat |
| 480 | (CGGGG)n | Simple_repeat | Simple_repeat |
| 481 | (CGGGGG)n | Simple_repeat | Simple_repeat |
| 482 | (CTG)n | Simple_repeat | Simple_repeat |
| 483 | (CTGGGG)n | Simple_repeat | Simple_repeat |
| 484 | (G)n | Simple_repeat | Simple_repeat |
| 485 | (GA)n | Simple_repeat | Simple_repeat |
| 486 | (GAA)n | Simple_repeat | Simple_repeat |
| 487 | (GAAA)n | Simple_repeat | Simple_repeat |

| | | | |
|-----|-----------|---------------|---------------|
| 488 | (GAAAA)n | Simple_repeat | Simple_repeat |
| 489 | (GCTG)n | Simple_repeat | Simple_repeat |
| 490 | (GGA)n | Simple_repeat | Simple_repeat |
| 491 | (GGAAA)n | Simple_repeat | Simple_repeat |
| 492 | (GGGA)n | Simple_repeat | Simple_repeat |
| 493 | (GGGGA)n | Simple_repeat | Simple_repeat |
| 494 | (GGGTG)n | Simple_repeat | Simple_repeat |
| 495 | (T)n | Simple_repeat | Simple_repeat |
| 496 | (TA)n | Simple_repeat | Simple_repeat |
| 497 | (TAAA)n | Simple_repeat | Simple_repeat |
| 498 | (TAAAA)n | Simple_repeat | Simple_repeat |
| 499 | (TAAAAA)n | Simple_repeat | Simple_repeat |
| 500 | (TAGA)n | Simple_repeat | Simple_repeat |
| 501 | (TAGG)n | Simple_repeat | Simple_repeat |
| 502 | (TATATG)n | Simple_repeat | Simple_repeat |
| 503 | (TATG)n | Simple_repeat | Simple_repeat |
| 504 | (TC)n | Simple_repeat | Simple_repeat |
| 505 | (TCC)n | Simple_repeat | Simple_repeat |
| 506 | (TCCC)n | Simple_repeat | Simple_repeat |
| 507 | (TCCCC)n | Simple_repeat | Simple_repeat |
| 508 | (TCTCCC)n | Simple_repeat | Simple_repeat |
| 509 | (TCTCTG)n | Simple_repeat | Simple_repeat |
| 510 | (TG)n | Simple_repeat | Simple_repeat |
| 511 | (TGG)n | Simple_repeat | Simple_repeat |
| 512 | (TGGA)n | Simple_repeat | Simple_repeat |
| 513 | (TGGGGG)n | Simple_repeat | Simple_repeat |
| 514 | (TTA)n | Simple_repeat | Simple_repeat |
| 515 | (TTAA)n | Simple_repeat | Simple_repeat |
| 516 | (TTAGGG)n | Simple_repeat | Simple_repeat |
| 517 | (TTC)n | Simple_repeat | Simple_repeat |
| 518 | (TTCC)n | Simple_repeat | Simple_repeat |
| 519 | (TTCGGG)n | Simple_repeat | Simple_repeat |
| 520 | (TTG)n | Simple_repeat | Simple_repeat |
| 521 | (TTTA)n | Simple_repeat | Simple_repeat |
| 522 | (TTTC)n | Simple_repeat | Simple_repeat |
| 523 | (TTTG)n | Simple_repeat | Simple_repeat |
| 524 | (TTTTA)n | Simple_repeat | Simple_repeat |
| 525 | (TTTC)n | Simple_repeat | Simple_repeat |
| 526 | (TTTG)n | Simple_repeat | Simple_repeat |
| 527 | (TTTTA)n | Simple_repeat | Simple_repeat |
| 528 | (TTTTG)n | Simple_repeat | Simple_repeat |

| | | | |
|-----|--------------|---------|---------|
| 529 | MamRep605 | Unknown | Unknown |
| 530 | UCON28a | Unknown | Unknown |
| 531 | 5S | rRNA | rRNA |
| 532 | LSU-rRNA_Hsa | rRNA | rRNA |
| 533 | SSU-rRNA_Hsa | rRNA | rRNA |
| 534 | U1 | snRNA | snRNA |
| 535 | U13_ | snRNA | snRNA |
| 536 | U2 | snRNA | snRNA |
| 537 | U3 | snRNA | snRNA |
| 538 | U4 | snRNA | snRNA |
| 539 | U6 | snRNA | snRNA |
| 540 | 7SLRNA | srpRNA | srpRNA |
| 541 | tRNA-Gly-GGY | tRNA | tRNA |
| 542 | tRNA-Leu-CTY | tRNA | tRNA |
| 543 | tRNA-Met-i | tRNA | tRNA |
| 544 | tRNA-Pro-CCA | tRNA | tRNA |
| 545 | tRNA-Ser-TCG | tRNA | tRNA |