|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Size of the amplicons based on the number of repetitions** | | | | | | | | | | |  | |  | |  |
|  |  |  |  | |  | |  | |  | |  | |  | |  |
|  |  | **MIRU-VNTR** | | | | | | | | | | | | | |
|  | **Nb Repeat. (n)** | **292** | | **X3** | | **25** | | **47** | | **3** | | **7** | **10** | **32** | |
|  | **0** | 141 | | 94 | | 176 | | 112 | | 154 | | 159 | 193 | 154 | |
|  | **1** | 194 | | 147 | | 234 | | 147 | | 181 | | 181 | 248 | 172 | |
|  | **2** | 247 | | 200 | | 292 | | 182 | | 208 | | 203 | 303 | 190 | |
|  | **3** | 300 | | 253 | | 350 | | 217 | | 235 | | 225 | 358 | 208 | |
|  | **4** | 353 | | 306 | | 408 | | 252 | | 262 | | 247 | 413 | 226 | |
| **PCR Product (a)** | **5** | 406 | | 359 | | 466 | | 287 | | 289 | | 269 | 468 | 244 | |
|  | **6** | 459 | | 412 | | 524 | | 322 | | 316 | | 291 | 523 | 262 | |
|  | **7** | 512 | | 465 | | 582 | | 357 | | 343 | | 313 | 578 | 280 | |
|  | **8** | 565 | | 518 | | 640 | | 392 | | 370 | | 335 | 633 | 298 | |
|  | **9** | 618 | | 571 | | 698 | | 427 | | 397 | | 357 | 688 | 316 | |
|  | **10** | 671 | | 624 | | 756 | | 462 | | 424 | | 379 | 743 | 334 | |
|  | **11** | 724 | | 677 | | 814 | | 497 | | 451 | | 401 | 798 | 352 | |
|  | **12** | 777 | | 730 | | 872 | | 532 | | 478 | | 423 | 853 | 370 | |
| **Repeat size (b)** | **1** | **53** | | **53** | | **58** | | **35** | | **27** | | **22** | **55** | **18** | |
| **flanking region\* (c)** | **0** | **141** | | **94** | | **176** | | **112** | | **154** | | **159** | **193** | **154** | |
|  |  |  |  | |  | |  | |  | |  | |  | |  |
| \* : Size determined from Map K10 Genome | | |  | |  | |  | |  | |  | |  | |  |
| **PCR Product Size (a) = n.b + c** | |  |  | |  | |  | |  | |  | |  | |  |
|  | |  |  | |  | |  | |  | |  | |  | |  |