**Supplementary Tables**

**Table S1.** Descriptive parameters for the 30 microsatellite loci evaluated in oil palm from Cameroon

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Locus* SSR | N | *A* | *Ra* | *PIC* |
| mEgCIR0008 | 311 | 8 | 6.674 | 0.735 |
| mEgCIR0009 | 311 | 5 | 4.187 | 0.682 |
| mEgCIR0018 | 310 | 9 | 7.152 | 0.708 |
| mEgCIR0067 | 311 | 12 | 7.530 | 0.827 |
| mEgCIR0219 | 311 | 8 | 6.035 | 0.728 |
| mEgCIR0221 | 310 | 4 | 3.705 | 0.578 |
| mEgCIR0230 | 310 | 5 | 4.649 | 0.704 |
| mEgCIR0254 | 306 | 9 | 7.170 | 0.794 |
| mEgCIR1772 | 308 | 10 | 8.591 | 0.855 |
| mEgCIR0437 | 311 | 4 | 3.417 | 0.342 |
| mEgCIR0465 | 311 | 4 | 3.908 | 0.637 |
| sEg00066 | 311 | 8 | 7.235 | 0.844 |
| sEg00067 | 311 | 3 | 2.470 | 0.495 |
| sEg00090 | 309 | 4 | 3.830 | 0.488 |
| sEg00125 | 311 | 4 | 3.026 | 0.232 |
| sEg00126 | 311 | 2 | 2.000 | 0.499 |
| sEg00127 | 311 | 4 | 2.994 | 0.161 |
| sEg00140 | 311 | 5 | 3.758 | 0.415 |
| mEgCIR0173 | 311 | 11 | 6.171 | 0.695 |
| mEgCIR0802 | 309 | 9 | 7.990 | 0.841 |
| mEgCIR1730 | 311 | 10 | 7.837 | 0.825 |
| mEgCIR1753 | 306 | 3 | 2.980 | 0.534 |
| mEgCIR3282 | 311 | 8 | 6.369 | 0.732 |
| mEgCIR3292 | 310 | 12 | 9.751 | 0.865 |
| mEgCIR3362 | 311 | 16 | 12.439 | 0.871 |
| mEgCIR3363 | 311 | 12 | 8.158 | 0.833 |
| mEgCIR3543 | 311 | 7 | 6.047 | 0.750 |
| mEgCIR3546 | 311 | 10 | 8.536 | 0.837 |
| mEgCIR3785 | 311 | 8 | 6.517 | 0.782 |
| mEgCIR3886 | 311 | 9 | 8.191 | 0.862 |
|  |  |  |  |  |
| Total |  | 223 | 5.977 | 0.672 |

**N:** Number of individuals assessed per locus, ***A*:** Number of alleles detected per locus, ***Ra***: Allelic richness, *PIC*: polymorphic information content.