Figures and Tables

Table 1. Microsatellite loci characterists including locus name, primer sequences, repeat motif, size range (base pairs), flurochome primer label, and GenBank accession number.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Locus | Primer Seq | Primer Seq | Repeat Motif | Size Range (bp) | Flurochrome | GenBank Accession Number |
| Paraten1 | **F:**TCTTATGAACTCGACTGTACG | **R:**CACAGTAGATATCCCTGCATC | GCGT | 115-151 | 6-FAM | KT587291 |
| Paraten3 | **F:**CTCAGGAAACCTCAGATATCAC | **R:**AGATCATCTCCTTGGTGGTT | ACC | 121-127 | HEX | KT587292 |
| Paraten5 | **F:**AGGTCACCACTCTGTAAATTCT | **R:**CGCTACCTTACTAACGGATATT | CTA | 123-141 | 6-FAM | KT587293 |
| Paraten7 | **F:**AGCGGTGGACATCTTAATAAC | **R:**TCAGAAATACAGTCACTTGAGG | GAT | 144-168 | ATTO550 | KT587294 |
| Paraten10 | **F:**AGAATCTCTGTACCATCAGAGG | **R:**ACAGTATGATAATGGTGAGCTG | GA | 151-259 | ATTO550 | KT587295 |
| Paraten11 | **F:**ACGGCTGAGTCTAAGATATAGG | **R:**TGAATTAGCCTTTAGTTCAACA | AC | 198-218 | HEX | KT587296 |
| Paraten13 | **F:**AGAAGTAACGGACTTCACGAT | **R:**AATTCGACTAGTTGATCCTACG | GA | 178-184 | ATTO550 | KT587297 |
| Paraten14 | **F:**TACTCCGACACAGGATATGTAA | **R:**ACGAGTTTCCAGAATTACAAGA | TA | 140-182 | ATTO565 | KT587298 |
| Paraten19 | **F:**CTTCCAATGGTCTATCCTAATC | **R:**GCTACGGTGTATGTGTTCACT | AG | 243-249 | ATTO565 | KT587299 |
| Paraten27 | **F:**GTAACTGCGGCGAGGATCA | **R:**AGTCAGGCAAGGAAACGGA | AT | 134-210 | HEX | KT587300 |
| Paraten30 | **F:**GAAGTTTCGATACAGTCGGTAG | **R:**AAGACATTTGCAAGACTACCAT | TA | 117-157 | ATTO565 | KT587301 |
| Paraten38 | **F:**ATTTACTGCTAATTGCTGCTG | **R:**TGAATGCAACCAATTATAAACC | AT | 127-173 | HEX | KT587302 |
| Paraten41 | **F:**GACGATTAACATGCACATCACT | **R:**ATACTGACACGCCTCAGATGAC | AC | 108-128 | ATTO565 | KT587303 |
| Paraten50 | **F:**ATGATACGTGCAAGAATGTTTA | **R:**CTTAATTATCGGTTTTCATTGC | AT | 115-149 | 6-FAM | KT587304 |
| Paraten54 | **F:**GATGTTCGTTACTGGAAGAAGT | **R:**CACGACACAATCTACATATCCT | AG | 115-149 | 6-FAM | KT587305 |
| Paraten57 | **F:**GTCGTTTGACTCATAAAGGACT | **R:**AGCATTGGAAACCAATAACTT | GT | 156-172 | ATTO550 | KT587306 |

Table 2. Summary statistics of 16 polymorphic microsatellites in *Paralicella tenuipes*.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Locus | N | NA | HO ±SD | HE ±SD | FIS  | PHWE |
| Paraten1 | 98 | 10 | 0.340±0.11 | 0.438±0.09 | 0.2356 | 0.2987 |
| Paraten3 | 103 | 5 | 0.294±0.06 | 0.466±0.06 | 0.3712 | 0.1501 |
| Paraten5 | 69 | 13 | 0.282±0.14 | 0.738±0.07 | 0.6155 | 0.1626 |
| Paraten7 | 85 | 10 | 0.322±0.20 | 0.446±0.19 | 0.2729 | 0.5231 |
| Paraten10 | 77 | 18 | 0.330±0.16 | 0.676±0.13 | 0.5139 | 0.2681 |
| Paraten11 | 97 | 15 | 0.342±0.16 | 0.576±0.22 | 0.4044 | 0.1237 |
| Paraten13 | 82 | 8 | 0.116±0.06 | 0.422±0.23 | 0.7289 | 0.1953 |
| Paraten14 | 66 | 16 | 0.200±0.08 | 0.644±0.07 | 0.7348 | 0.0359\* |
| Paraten19 | 82 | 9 | 0.272±0.18 | 0.492±0.12 | 0.3509 | 0.3848 |
| Paraten27 | 76 | 20 | 0.332±0.18 | 0.764±0.07 | 0.6423 | 0.1106 |
| Paraten30 | 80 | 11 | 0.350±0.13 | 0.568±0.22 | 0.3369 | 0.1349 |
| Paraten38 | 92 | 30 | 0.304±0.19 | 0.820±0.13 | 0.6319 | 0.0014\*\* |
| Paraten41 | 86 | 11 | 0.246±0.20 | 0.646±0.09 | 0.5592 | 0.1142 |
| Paraten50 | 89 | 15 | 0.366±0.17 | 0.582±0.08 | 0.3772 | 0.3953 |
| Paraten54 | 88 | 17 | 0.352±0.17 | 0.802±0.08 | 0.5617 | 0.0136\* |
| Paraten57 | 93 | 10 | 0.414±0.19 | 0.734±0.14 | 0.4620 | 0.2585 |

N, number of individuals with successful amplification; NA, number of alleles per locus; HO, observed heterozygosity with standard deviation; HE, expected heterozygosity with standard deviation; FIS, fixation index; PHWE, p-value for Hardy-Weinberg equilibrium (where \* denotes deviation at p<0.05 and \*\* denotes deviation with Bonferroni correction p<0.0025).