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| --- | --- | --- | --- | --- | --- |
| **Primer set** | **M13 Fluorescent dye** | **Loci** | **Primer sequence (5'–3')** | **Repeat motif** | **Size range (bp)** |
| 1 | FAM | *Sbr9* | F: GTCTTAAACGGAAGTGGGTTR: GGAGCAGCGTACTACTTTGT | (GATA)10 | 311 – 367 |
| *Sbr24* | F: ATTTTGATGTTTCGCCATGAAR: GCCCACCAACAACTGCTATTA | (CAGA)8 | 180 – 216 |
| *Sbr35* | F: TGCTCCCTCTGCTTCTGTAACR: ATGGTACACACATGCACCTCA | (CA)14 | 118 – 174 |
| 2 | VIC | *Sca44* | F: ATGGCCAAATGGCACATAATCAR: GGGCAGCTCCATGGGTCTGAGT | (GACA)9 | 160 – 196 |
| *Sbr28* | F: TGGCTGATTTTGTTGATGTTGR: TGCAGATTCTACAGGCGAGAT | (GATA)6 | 327 – 363 |
| 3 | NED | *Sbr18* | F: TCCTGCTGCAGTATGTGAATGR: TTTGTCCCTCTCCCTAATGCT | (GACA)6(GATA)12 | 276 – 452 |
| *Sbr36* | F: CCTGCTAGGCAGTGCAATATCR: TCACCCTAAGAGAGGGAGAGG | (GATA)54bp(GATA)2 | 152 – 176 |
| 4 | PET | *Sbr26* | F: TACCTGAAAGGCATCCAACACR: ATTGCAGCACTGATGTGTGTC | (CA)15 | 253 – 297 |
| *Sni26* | F: AACAACCTCTTAGGAGCTGACGR: GATCGCTCTCAGATACATGCC | (CA)15 | 126 – 184 |

**Summary data for the microsatellites characterized for *S. concolor* individuals.**

Multiplex–PCR sets. *Sbr*, *Sca* and *Sni* loci were previously isolated in *Scomberomorus brasiliensis* (*Renshaw et al., 2009*), *S. cavalla* (*Broughton, Stewart & Gold, 2002*) and *S. niphonius* *(Yokoyama et al., 2006)*, respectively, and characterized in *S. concolor* in the present study. Forward primer sequence (F), reverse primer sequence (R). All the multiplex reactions were performed at annealing temperature of 56ºC.