

Genetic diversity and population structure of *Polistes nimpha* (Hymenoptera: Vespidae) based on DNA microsatellite markers

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Table S1

Locus performance in the study of *Polistes nimpha* (primers designed by Henshaw 2000 for *P. dominulus*).

Abbreviations: *for primers not used because of poor PCR amplification; **for primers for microsatellites that revealed a complex pattern of mutations (excluded from the genetic analysis)

Locus	Primer sequences	Motive	Dye	Observed ranges (bp)
<i>Pdom20</i>	F:TTC TCT GGC GAG CTG CAC TC R:AGA TGG CAT CGT TTG AAA GAG C	(CAT)18	M13 A VIC	242-254
<i>Pdom25**</i>	F:CAT TAT AAA CGC CGC G R: ACG ATG GAA ACG TAA GTC C	(AAG)11	M13 G NED	166-202
<i>Pdom93</i>	F:CCA TCA GCT GTC CCA TTC GC R: AAT CGG TTT CGC TCG TCC ACC TCC	(AAG) ₂ ACG(AAG) ₂ ACG(AAG) ₅	M13 C 6FAM	142-145
<i>Pdom117**</i>	F: AAG AAA ACC TACTAC GTT GTG TGA G R: TTT CAA CAT TCC ATA GGG ACA G	(AAG) ₄ AGG(AAG) ₂ AGG(AAG) ₁₄	M13 T PET	261-292

<i>Pdom121**</i>	F: GAG TGG GTA TGA CGA AGA TGA TGG R: TGA TTA TAG CCT GCC GAA ACT CTG	(AAG) ₈ AGGAAC(AAG) ₂ AAC(AAG) ₂	M13 A VIC	223-256
<i>Pdom127</i>	F: TCC CCC GTT TTT GGT CCT TG R: GGG AGA GAA TCG TGC CTT TTC	(AAT) ₁₃ ...(AAT) ₆ AA(AAT) ₄ AAC(AAT)	M13 C 6FAM	109-135
<i>Pdom139</i>	F: TGA CAA AAG ACA ACA AAA TAT G R: AGC TTC GGT AGG GCT TCG	(AAC) ₇ (AAT) ₂ (AAC)(AAT) ₂ (AAC) ₂	M13 T PET	206-232
<i>Pdom140</i>	F: GCT TTT CCC TTA TTT TCC CG R: CGT GTT CGT ATA TTC CTG TAA CG	(TAG) ₉	M13 A VIC	218-260
<i>Pdom151*</i>	F: TGA TGT TAC CAC TGC TTT GAG CG R: TTC AGC ACC GTC GTC GTT GTT G	(CAT) ₂ AA(CAT)CAAT(CAT) ₃	M13 G NED	131
<i>Pdom1</i>	F: GGA CGC TCG GCT GAT TTG TC R: AAG GGA TTT TTC CTG AGA CTA TTC G	(CAG) ₉ TAG(CAG) ₅ (CAT) ₅ GGCAC(CAG) ₃	M13 C 6FAM	176-218
<i>Pdom2</i>	F: CGT CTC TCG AAA TAT GCT AAA C R: AGA ACG GTA AAC ATT CTT CTA TC	(AAG) ₈ CG(AAG) ₂	M13 T PET	190-202
<i>Pdom7</i>	F: CAC TGT ATT GTC CTA CGG TGG TCC R: CG AGA ACC TGT ACT CAA AAC AAA C	(AAG)CAG(AAG) ₉	M13 G NED	166-197