

Supplementary Table 2: Multiple primer PCR protocols used for microsatellite typing.

| PCR 1 | | PCR2 | | PCR3 | | PCR4 | | PCR5 | |
|----------------------|-------------|-----------------------|-------------|----------------------|-------------|----------------------|-------------|----------------------|-------------|
| 10 x buffer | 1.00 | 10 x buffer | 1.00 | 10 x buffer | 1.00 | 10 x buffer | 1.00 | 10 x buffer | 1.00 |
| dNTP's | 1.00 | dNTP's | 1.00 | dNTP's | 1.00 | dNTP's | 1.00 | dNTP's | 1.00 |
| % BSA | 1.00 | 1 % BSA | 1.00 | MgCl ₂ | 0.30 | MgCl ₂ | 0.30 | MgCl ₂ | 0.30 |
| MgCl ₂ | 0.30 | MgCl ₂ | 0.30 | STN 2 f | 0.30 | STN 36 f | 0.30 | STN 24 f | 0.30 |
| Stich 5196 f | 0.10 | Stich STN18 f | 0.12 | STN 2 r | 0.30 | STN 36 r | 0.30 | STN 24 r | 0.30 |
| Stich 5196 r | 0.10 | Stich STN18 r | 0.12 | STN 170 f | 0.30 | STN 114 f | 0.30 | STN 67 f | 0.25 |
| Stich 4170 f | 0.08 | Stich STN32 f | 0.08 | STN 170 r | 0.30 | STN 114 r | 0.30 | STN 67 r | 0.25 |
| Stich 4170 r | 0.08 | Stich STN32 r | 0.08 | STN 174 f | 0.30 | STN 167 f | 0.45 | STN 185 f | 0.30 |
| Stich 1125 f | 0.10 | Stich STN75 f | 0.17 | STN 174 r | 0.30 | STN 167 r | 0.45 | STN 185 r | 0.30 |
| Stich 1125 r | 0.10 | Stich STN75 r | 0.17 | Taq (Invitek) | 0.05 | Taq (Invitek) | 0.05 | Taq (Invitek) | 0.05 |
| Stich 1097 f | 0.40 | Stich STN 84 f | 0.08 | Water | <u>4.85</u> | Water | <u>4.55</u> | Water | <u>4.95</u> |
| Stich 1097 r | 0.40 | Stich STN 84 r | 0.08 | | | | | | |
| Stich 7033 f | 0.35 | Taq (Invitek) | 0.05 | | | | | | |
| Stich 7033 r | 0.35 | Water | <u>4.75</u> | | | | | | |
| Taq (Invitek) | 0.05 | | | | | | | | |
| Water | <u>3.59</u> | | | | | | | | |

All quantities are in μ l. The colors represent the label used. Working concentration of the primers: 5 pmol.

Supplementary Table 3: PCR conditions and cycles for each multiple PCR performed

| | PCR 1 | PCR2 | PCR3 | PCR4 | PCR5 |
|-----------------------|---------------|------------------|------------------|------------------|------------------|
| Original Denaturation | 3 min at 94°C | 3 min at 94°C | 2 min at 94°C | 2 min at 94°C | 2 min at 94°C |
| Denaturation | 1 min at 94°C | 0.45 min at 94°C | 0.45 min at 94°C | 0.45 min at 94°C | 0.45 min at 94°C |
| Annealing | 1 min at 58°C | 0.45 min at 56°C | 0.45 min at 56°C | 0.45 min at 56°C | 0.45 min at 56°C |
| Extension | 1 min et 72°C | 1 min at 72°C | 0.45 min at 72°C | 0.45 min at 72°C | 0.45 min at 72°C |
| Final extension | None | none | 20 min at 72°C | 20 min at 72°C | 20 min at 72°C |
| Number of cycle | 27 | 26 | 27 | 27 | 27 |

In bold the conditions for each cycle