Appendix S3. Characterization of polymorphisms in flanking regions. For the PolyD12 4-bp indel, the number represents the number of individuals within the population exhibiting this insertion. For the Poly530-bp insertion, the checkmark means that all individuals within the population contain the insertion. Any point mutation signaled as ambiguous means that only some individuals within the population have the mutation. N/A means that the substitution is within an insertion that the population does not have. A question mark (?) signifies missing data for that population.

| Name (length) %polymorphism | Position | Poly | L102 | 105 | 107 | 108 | 115 | 118 | 124 | 125 | 126 | 127 | P102 | 1301 | 1802 | 1801 | 601 | 602 | 805 | 301 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PolyB08 (160 bp) 2% | 58 | C/A | C | C | C | C | C | C | C | C | C | C | A | C | C | C | C | C | C | C |
| 85 | G/A | G | G | G | A | G | G | G | G | G | G | A | A | A | A | A | A | A | A |
| 207 | G/A | G | G | G | G | G | G | G | G | G | G | A | G | G | G | G | G | G | G |
| PolyD12 (261 bp) 4% | 4 | -/A | - | - | - | ? | - | - | - | - | - | - | A | A | A | A | A | A | A | A |
| 60–64 | TAAT indel | 2 | 0 | 1 | ? | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 95 | T/G | T | T | T | ? | T | T | T | T | T | T | G | T | T | T | T | T | G | T |
| 112 | C/G | C | C | C | ? | C | C | C | C | C | C | G | C | C | C | C | C | C | C |
| 157 | A/T | A | A | A | ? | A | A | A | A | A | A | T | T | T | T | T | T | T | T |
| 171 | T/A | T | T | T | ? | T | T | T | T | T | T | T | T | T | T | T | T | A | T |
| 176 | C/T | C | C | C | ? | C | C | C | C | C | C | T | T | T | T | T | T | T | T |
| 213 | -/T | - | - | - | ? | - | - | - | - | - | - | T | T | T | T | T | T | T | T |
| Name (length) %polymorphism | Position | Poly | L102 | 105 | 107 | 108 | 115 | 118 | 124 | 125 | 126 | 127 | P102 | 1301 | 1802 | 1801 | 601 | 602 | 805 | 301 |
| E01 (367 bp) 3% | 34 | C/T | T | T | T | T | T | T | T | T | T | T | T | ? | ? | C | C | C | T | ? |
| 93 | -/T | - | - | - | T/- | - | - | - | - | - | - | - | ? | ? | - | - | - | - | ? |
| 101 | G/C | G | G | G | G | G | G | G | G | G | G | G | ? | ? | G | G | G | C | ? |
| 112 | -/A | A/- | - | - | - | A/- | - | - | - | - | - | - | ? | ? | - | - | - | - | ? |
| 133 | C/A | A | A | A | A | A | A | A | A | A | A | A | ? | ? | A | A | A | C | ? |
| 235 | A/C | C | C | C | C | C | C | C | C | C | C | C | ? | ? | A | A/C | A | C | ? |
| 305 | A/G | A | A | A | G | A | A | A | A | A | A | G | ? | ? | G | G | G | G | ? |
| 317 | A/G | A | A | A | G | A | A | A | A | A | A | G | ? | ? | G | G | G | G | ? |
| 320 | CA insert | 1/- | 1 | 1/2 | - | 1 | 1 | 1 | 1 | 1 | 1 | - | ? | ? | - | - | - | - | ? |
| 356 | A/T | A/T | A | A | A | A/T | A | A | A | A | A | A | ? | ? | A | A | A | A | ? |
| 382 | A/G | A | A/G | A | A | A | A | A | A | A | A | A | ? | ? | A | A | A | A | ? |
| Poly1 (136 bp) 7% | 20 | A/T | A | A | A | T | A | A | A | A | A | A | T | A/T | A | A | A | A | T | A |
| 21 | -/G | -/G | -/G | -/G | G | -/G | -/G | -/G | -/G | -/G | -/G | G | G | G | G | G | G | G | G |
| 36 | C/T | C | C | C | T | C | C | C | C | C | C | T | T | T | T | T | T | T | T |
| 40 | C/T | C | C | C | T | C | C | C | C | C | C | T | T | T | T | T | T | T | T |
| 53 | G/A | G | G | G | A | G | G | G | G | G | G | A | A | G | G | G | G | A | G |
| 66 | A/- | A | A/- | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A | A |
| 84 | T/C | T | T | T | C | T | T | T | T | T | T | T | C | T | T | T | T | C | T |
| 87 | G/A | G | G | G | A | G | G | G | G | G | G | A | A | A | A | A | A | A | A |
| 90 | T/C | T | T | T | C | T | T | T | T | T | T | C | C | T | T | T | T | C | T |
| Poly5 (127 bp) 28% | 3 | G/T | G | G | G | G | G | G | G | G | G | G | G | G | T | T | T | T | G | T |
| 5 | G/- | - | - | - | - | - | G | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 | T/A | T | T | T | T | T | T | T | T | T | T | T | T | A | A | A | A | T | A |
| 75 | C/T | C | C | C | T | C | C | C | C | C | C | T | T | T | T | T | T | T | T |
| 80–110 | 30-bp insertion | ✗ | ✗ | ✗ | ✔ | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |
| 100 | -/A | ✗ | ✗ | ✗ | A | ✗ | ✗ | ✗ | ✗ | ✗ | ✗ | - | - | - | - | - | - | - | - |
| 108 | G/T | G | G | G | T | G | G | G | G | G | G | T | T | G | G | G | G | T | G |