**Table 2** Genes, genomic location, size and percentage of polymorphic sites among mitochondrial and nuclear loci examined from *Phytophthora infestans*

| Fragment | Gene | Genomic Location | n | Size of sequenced fragment (bp) | Size of Unambi-guously aligned region (bp) | No (%) of polymorphic nucleotide sites | | No (%) of polymorphic nucleotide sites | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Potato | *Anarrhichomenum* | Potato | *Anarrhichomenum* |
| Intron Ras | Non-coding | Nucleus | 88 | 349 | 224 | 5 (2.23) | 15 (6.69) | 0 | ND |
| Ras | *PiYpt1* | Nucleus | 79 | 600 | 542 | 7 (1.29) | ------ | 0 | ND |
| B-Tubulin | *β-tubulin* | Nucleus | 78 | 542 | 490 | 1 (0.20) | ------ | 0 | ND |
| P3 | *rpl14, rp15 tRNAs* | Mitochondria | 66 | 1308 | 1180 | 9 (0.76) | 17 (1.44) | 4 | 7 |
| P4 | *cox 1* | Mitochondria | 79 | 964 | 832 | 4 (0.48) | 12 (1.44) | 0 | 0 |

n = number of isolates sequenced
Potato isolates include wild *Solanum* species and tomato isolates and section *Anarrhichomenum* includes isolates of the Ic haplotype of *P. andina* from *Solanum tetrapetalum*.
ND = Not determined
Two synonymous substitutions were found (Glutamine and Asparagine) in amino acids for Ras
One synonymous substitution was found (Histidine) in amino acid for B-Tubulin