|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Nº** | **Enzymes** | **Incubation** | **Mixes** | **% *S. namaycush*** | **Expected Bands** | **Detection** |
| Mix 1 | HindIII | 37°C-10’ | *Salvelinus namaycush* 37.5 ng + *Salvelinus fontinalis* 12.5 ng | 75 | 377**, 231** and **146** bp | Positive |
| Mix 2 | HindIII | 37°C-10’ | *Salvelinus namaycush* 25ng + *Salvelinus fontinalis* 25 ng | 50 | 377**, 231** and **146** bp | Positive |
| Mix 3 | HindIII | 37°C-10’ | *Salvelinus namaycush* 12.5 ng + *Salvelinus fontinalis* 37.5 ng | 25 | 377**, 231** and **146** bp | Positive |
| Mix 4 | HindIII | 37°C-10’ | *Salvelinus namaycush* 5 ng + *Salvelinus fontinalis* 45 ng | 10 | 377**, 231** and **146** bp | Positive |
| Mix 5 | HindIII | 37°C-10’ | 2 µl each: *Salvelinus namaycush, Salvelinus fontinalis, Salvelinus alpinus, Salmo trutta, Salmo salar and Oncorhynchus mykiss.* | 7.15% (50 ng/700 ng DNA) | 377**, 231** and **146** bp | Positive |