

|                 | Forward                  | Reverse                     |
|-----------------|--------------------------|-----------------------------|
| First Fragment  | CAGGGTTATTGTCTCATGAGCGGA | GCCACGCCCAGGAAGAGCATGA      |
| Second Fragment | GGGCCCTCTGGAAATGGGGAGA   | CAACCCAGGCTTGTACCATCTTT     |
| Third Fragment  | GGGTGAGGTCGTGGACCTTGA    | CCTAGGAATTCACAAATAAAGCATTTT |

**Table S1:** Primers sequences used for the PCR step of the ISA method.