**Appendix S4**

*IAP protocol and primer sequences*

IAP-F ATAATCTGCGCATGAGCCAAGG

IAP-R AGGAAGAACACCACAGACCAGA

45 cycles PCR:

95 degrees for 30 sec

60 degrees for 30 sec

72 degrees for 30 sec

(We thank O. Cingöz for this protocol)