

Clade 1

ACGTCCGAGGCCGAAGGAGAATGCTCCTT_AAG A

Clade 2

GCGTCCTAGGcGAAATATAACTCTCCT AAAGA

Clade 3

GCGCCCTAGGCAATGGTTGTTCTCTTT AAAAT

Clade 4

GCGTCCTAGGCAATTGTTGTTCTCTTT AAAGA

C3H

“Master”

IAPLTR

GCGCCCTAGGCAATGGTTGTTCTCTTT AAAAT