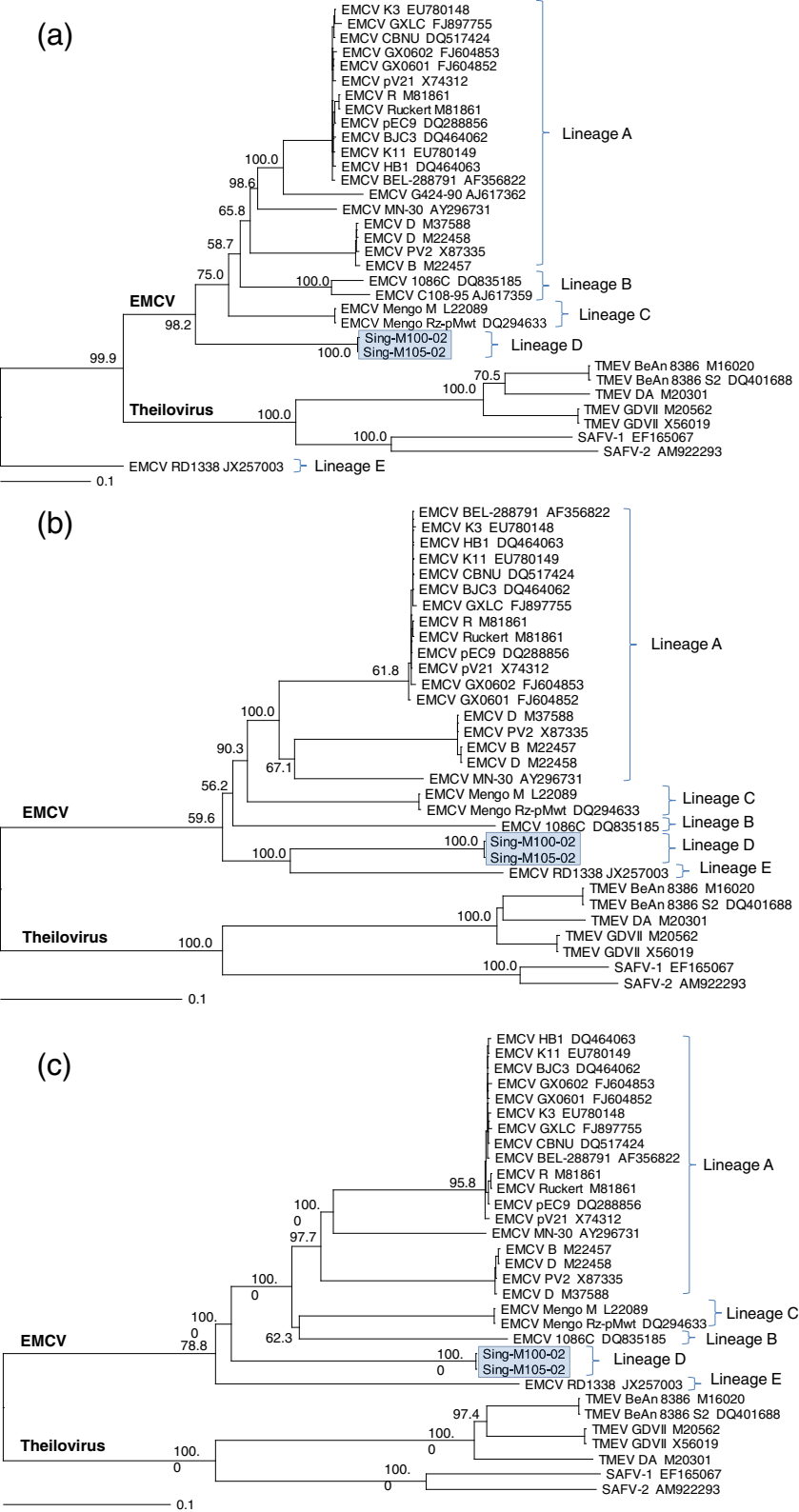
(a)
EMCV K3 EU780148
EMCV GXLC FJ897755
EMCV CBNU DQ517424
EMCV GX0602 FJ604853
EMCV GX0601 FJ604852
EMCV pV21 X74312
EMCV R M81861
EMCV Ruckert M81861
EMCV pEC9 DQ288856
EMCV BJC3 DQ464062
EMCV K11 EU780149
EMCV HB1 DQ464063
EMCV BEL-288791 AF356822
EMCV G424-90 AJ617362
EMCV MN-30 AY296731
EMCV D M37588
EMCV D M22458
EMCV PV2 X87335
EMCV B M22457
Lineage A
EMCV 1086C DQ835185
EMCV C108-95 AJ617359
Lineage B
EMCV
EMCV Mengo M L22089
EMCV Mengo Rz-pMwt DQ294633
Lineage C
Sing-M100-02
Sing-M105-02
Lineage D
TMEV BeAn 8386 M16020
TMEV BeAn 8386 S2 DQ401688
TMEV DA M20301
Theilovirus
TMEV GDVII M20562
TMEV GDVII X56019
SAFV-1 EF165067
SAFV-2 AM922293
EMCV RD1338 JX257003
Lineage E
100.0
98.6
65.8
58.7
75.0
100.0
98.2
100.0
99.9
70.5
100.0
100.0
100.0
0.1
(b)
EMCV BEL-288791 AF356822
EMCV K3 EU780148
EMCV HB1 DQ464063
EMCV K11 EU780149
EMCV CBNU DQ517424
EMCV BJC3 DQ464062
EMCV GXLC FJ897755
EMCV R M81861
EMCV Ruckert M81861
EMCV pEC9 DQ288856
EMCV pV21 X74312
EMCV GX0602 FJ604853
EMCV GX0601 FJ604852
Lineage A
61.8
EMCV D M37588
EMCV PV2 X87335
EMCV B M22457
EMCV D M22458
EMCV MN-30 AY296731
100.0
90.3
67.1
56.2
EMCV Mengo M L22089
EMCV Mengo Rz-pMwt DQ294633
Lineage C
EMCV
59.6
EMCV 1086C DQ835185
Lineage B
100.0
Sing-M100-02
Sing-M105-02
Lineage D
100.0
EMCV RD1338 JX257003
Lineage E
TMEV BeAn 8386 M16020
TMEV BeAn 8386 S2 DQ401688
100.0
TMEV DA M20301
Theilovirus
100.0
TMEV GDVII M20562
TMEV GDVII X56019
100.0
SAFV-1 EF165067
SAFV-2 AM922293
0.1
(c)
EMCV HB1 DQ464063
EMCV K11 EU780149
EMCV BJC3 DQ464062
EMCV GX0602 FJ604853
EMCV GX0601 FJ604852
EMCV K3 EU780148
EMCV GXLC FJ897755
EMCV CBNU DQ517424
EMCV BEL-288791 AF356822
Lineage A
95.8
EMCV R M81861
EMCV Ruckert M81861
EMCV pEC9 DQ288856
EMCV pV21 X74312
EMCV MN-30 AY296731
100.
0
97.7
EMCV B M22457
EMCV D M22458
EMCV PV2 X87335
EMCV D M37588
100.
0
EMCV Mengo M L22089
EMCV Mengo Rz-pMwt DQ294633
Lineage C
100.
0
EMCV
78.8
62.3
EMCV 1086C DQ835185
Lineage B
100.
0
Sing-M100-02
Sing-M105-02
Lineage D
EMCV RD1338 JX257003
Lineage E
TMEV BeAn 8386 M16020
97.4
TMEV BeAn 8386 S2 DQ401688
100.
0
TMEV GDVII M20562
Theilovirus
TMEV GDVII X56019
100.
0
TMEV DA M20301
100.
0
SAFV-1 EF165067
SAFV-2 AM922293
0.1