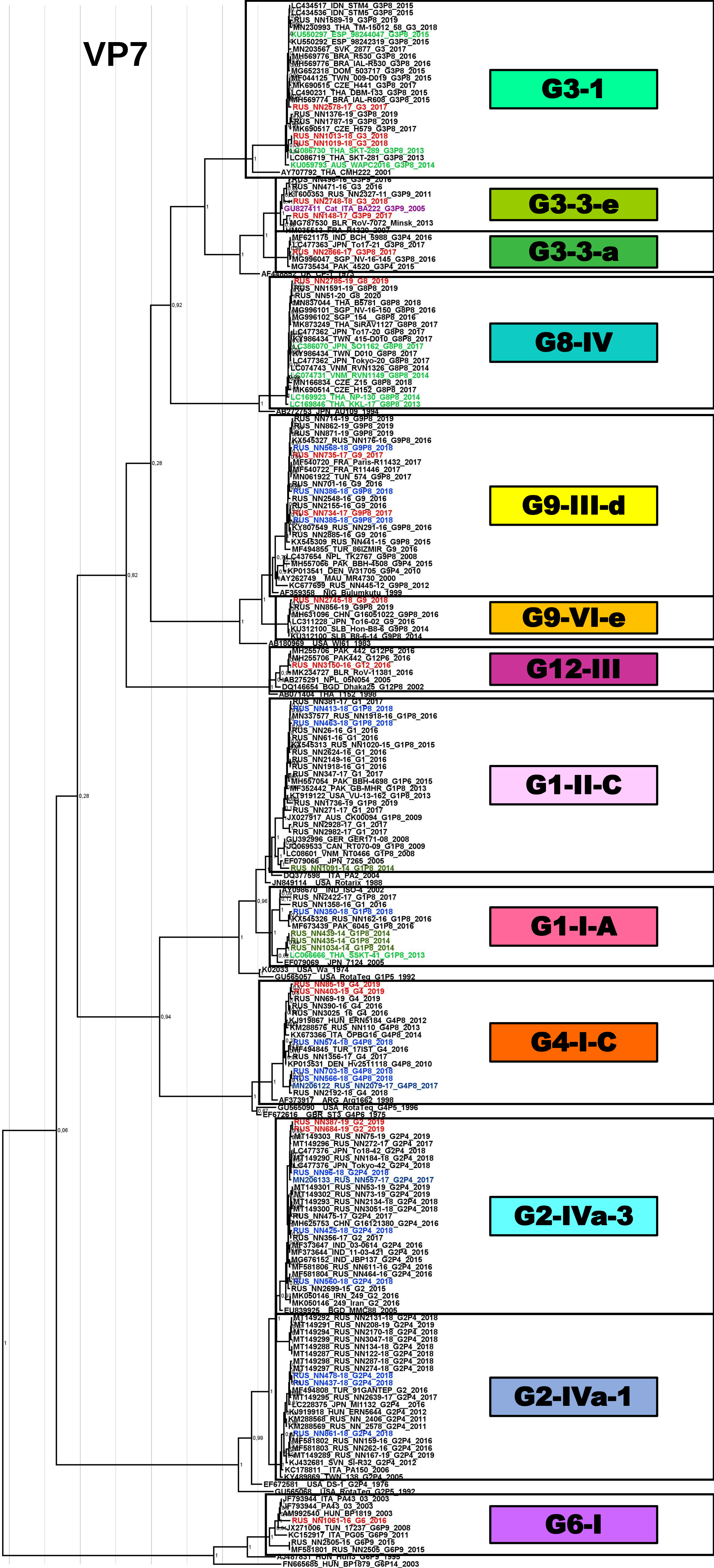
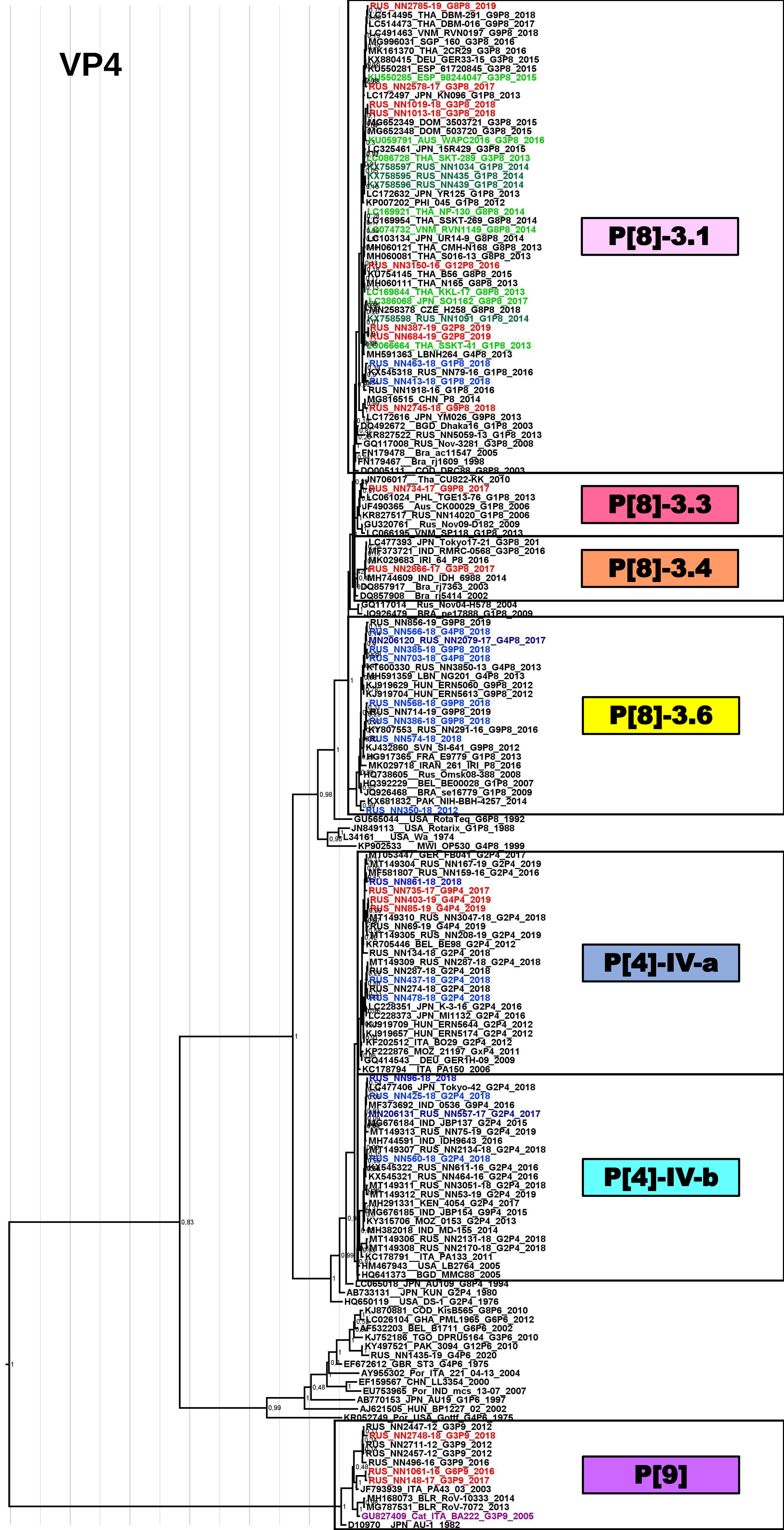


VP7



VP4



VP1

R1-a3

R1-a1

R1-a2-I

R1-a2-III

R1-a2-II

R1-c

R1-b

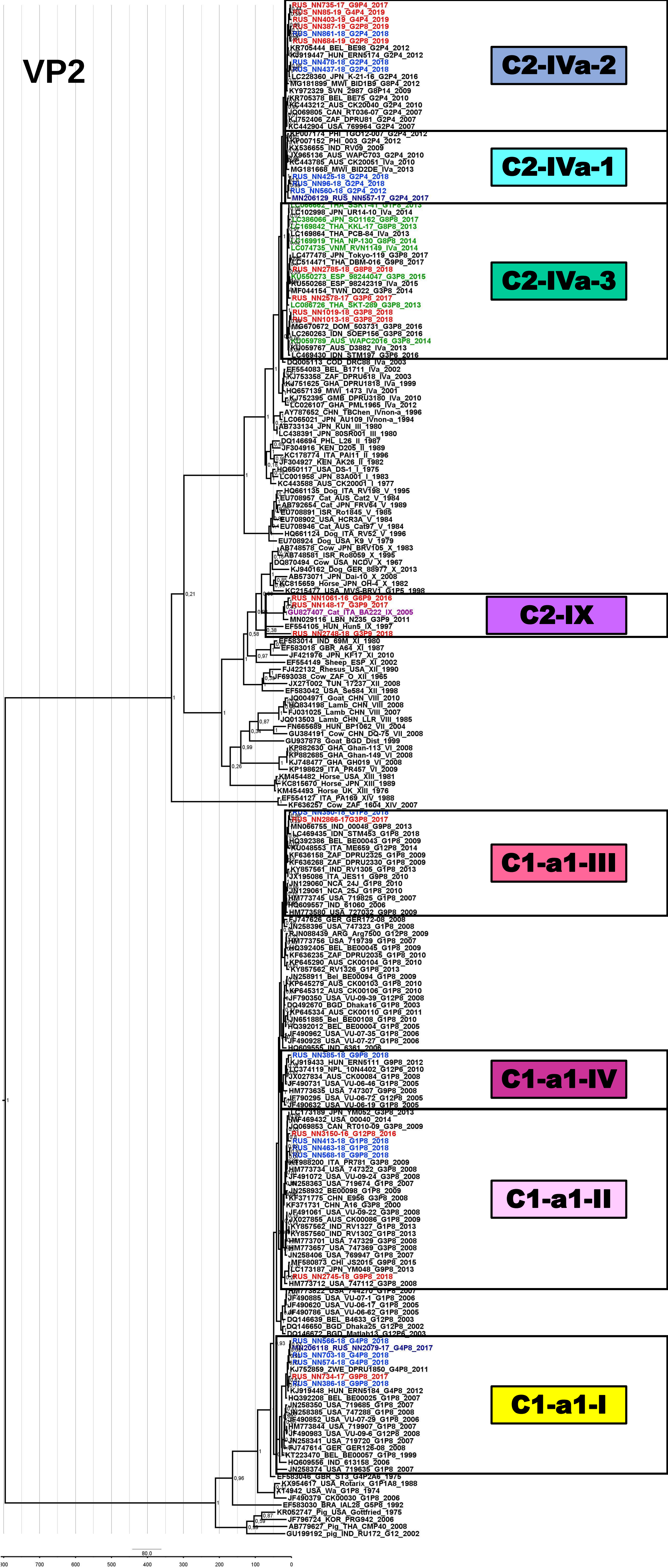
R2-V-2

R2-V-1

R2-XI

R2-XIII

VP2



VP3

M2-V-1

M2-V-2

M2-VII

M2-XI

M1-a1-III

M1-a1-II

M1-a1-l

M1-a2

The figure displays a phylogenetic tree of VP6 protein sequences from various Rotavirus strains. The tree is rooted on the left and branches out to the right. The sequences are labeled with their respective strain names and accession numbers. The tree is divided into several major clades, each highlighted with a colored background and labeled with a VP6 type:

- I1-4-I** (Yellow background): This clade includes sequences such as *MM577132*, *MM291308*, *RUS NN568-18*, *MMF581798*, *RUS NN574-18*, *MG676170*, *RUS NN206-17*, *RUS NN350-18*, *RUS NN386-18*, *MF621166*, *KF038146*, *RUS NN566-18*, *MM206121*, *RUS NN2079-17*, *RUS NN705-18*, *WH473477*, *MM484055*, *KF661454*, *US58392*, *WH484054*, *MM933786*, *LC088762*, *KX363297*, *KY271802*, *KX638596*, *RUS NN350-18*, *KX638591*, *KX638597*, *KX638594*, *RUS NN413-18*, *RUS NN463-18*, *HM773837*, *MM773846*, *HQ292404*, *JF490728*, *JX027852*, *JF490629*, *MM773639*, *DQ146642*, *LC090667*, *HC080652*, *IN258345*, *FJ747617*, *JF490849*, *IN258392*, *KP645315*, *KP645282*, *KC195758*, *IN258906*, *IN258335*, *JF490881*, *JF490816*, *JF490781*, *IN258392*, *IN258391*, *IN258390*, *IN258389*, *IN258388*, *IN258387*, *IN258386*, *IN258385*, *IN258384*, *IN258383*, *IN258382*, *IN258381*, *IN258380*, *IN258379*, *IN258378*, *IN258377*, *IN258376*, *IN258375*, *IN258374*, *IN258373*, *IN258372*, *IN258371*, *IN258370*, *IN258369*, *IN258368*, *IN258367*, *IN258366*, *IN258365*, *IN258364*, *IN258363*, *IN258362*, *IN258361*, *IN258360*, *IN258359*, *IN258358*, *IN258357*, *IN258356*, *IN258355*, *IN258354*, *IN258353*, *IN258352*, *IN258351*, *IN258350*, *IN258349*, *IN258348*, *IN258347*, *IN258346*, *IN258345*, *IN258344*, *IN258343*, *IN258342*, *IN258341*, *IN258340*, *IN258339*, *IN258338*, *IN258337*, *IN258336*, *IN258335*, *IN258334*, *IN258333*, *IN258332*, *IN258331*, *IN258330*, *IN258329*, *IN258328*, *IN258327*, *IN258326*, *IN258325*, *IN258324*, *IN258323*, *IN258322*, *IN258321*, *IN258320*, *IN258319*, *IN258318*, *IN258317*, *IN258316*, *IN258315*, *IN258314*, *IN258313*, *IN258312*, *IN258311*, *IN258310*, *IN258309*, *IN258308*, *IN258307*, *IN258306*, *IN258305*, *IN258304*, *IN258303*, *IN258302*, *IN258301*, *IN258300*, *IN258299*, *IN258298*, *IN258297*, *IN258296*, *IN258295*, *IN258294*, *IN258293*, *IN258292*, *IN258291*, *IN258290*, *IN258289*, *IN258288*, *IN258287*, *IN258286*, *IN258285*, *IN258284*, *IN258283*, *IN258282*, *IN258281*, *IN258280*, *IN258279*, *IN258278*, *IN258277*, *IN258276*, *IN258275*, *IN258274*, *IN258273*, *IN258272*, *IN258271*, *IN258270*, *IN258269*, *IN258268*, *IN258267*, *IN258266*, *IN258265*, *IN258264*, *IN258263*, *IN258262*, *IN258261*, *IN258260*, *IN258259*, *IN258258*, *IN258257*, *IN258256*, *IN258255*, *IN258254*, *IN258253*, *IN258252*, *IN258251*, *IN258250*, *IN258249*, *IN258248*, *IN258247*, *IN258246*, *IN258245*, *IN258244*, *IN258243*, *IN258242*, *IN258241*, *IN258240*, *IN258239*, *IN258238*, *IN258237*, *IN258236*, *IN258235*, *IN258234*, *IN258233*, *IN258232*, *IN258231*, *IN258230*, *IN258229*, *IN258228*, *IN258227*, *IN258226*, *IN258225*, *IN258224*, *IN258223*, *IN258222*, *IN258221*, *IN258220*, *IN258219*, *IN258218*, *IN258217*, *IN258216*, *IN258215*, *IN258214*, *IN258213*, *IN258212*, *IN258211*, *IN258210*, *IN258209*, *IN258208*, *IN258207*, *IN258206*, *IN258205*, *IN258204*, *IN258203*, *IN258202*, *IN258201*, *IN258200*, *IN258199*, *IN258198*, *IN258197*, *IN258196*, *IN258195*, *IN258194*, *IN258193*, *IN258192*, *IN258191*, *IN258190*, *IN258189*, *IN258188*, *IN258187*, *IN258186*, *IN258185*, *IN258184*, *IN258183*, *IN258182*, *IN258181*, *IN258180*, *IN258179*, *IN258178*, *IN258177*, *IN258176*, *IN258175*, *IN258174*, *IN258173*, *IN258172*, *IN258171*, *IN258170*, *IN258169*, *IN258168*, *IN258167*, *IN258166*, *IN258165*, *IN258164*, *IN258163*, *IN258162*, *IN258161*, *IN258160*, *IN258159*, *IN258158*, *IN258157*, *IN258156*, *IN258155*, *IN258154*, *IN258153*, *IN258152*, *IN258151*, *IN258150*, *IN258149*, *IN258148*, *IN25*

I1-4-11

I1-1
I1-2
I1-3
I1-5

NSP1

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A1-b-1

A1-a

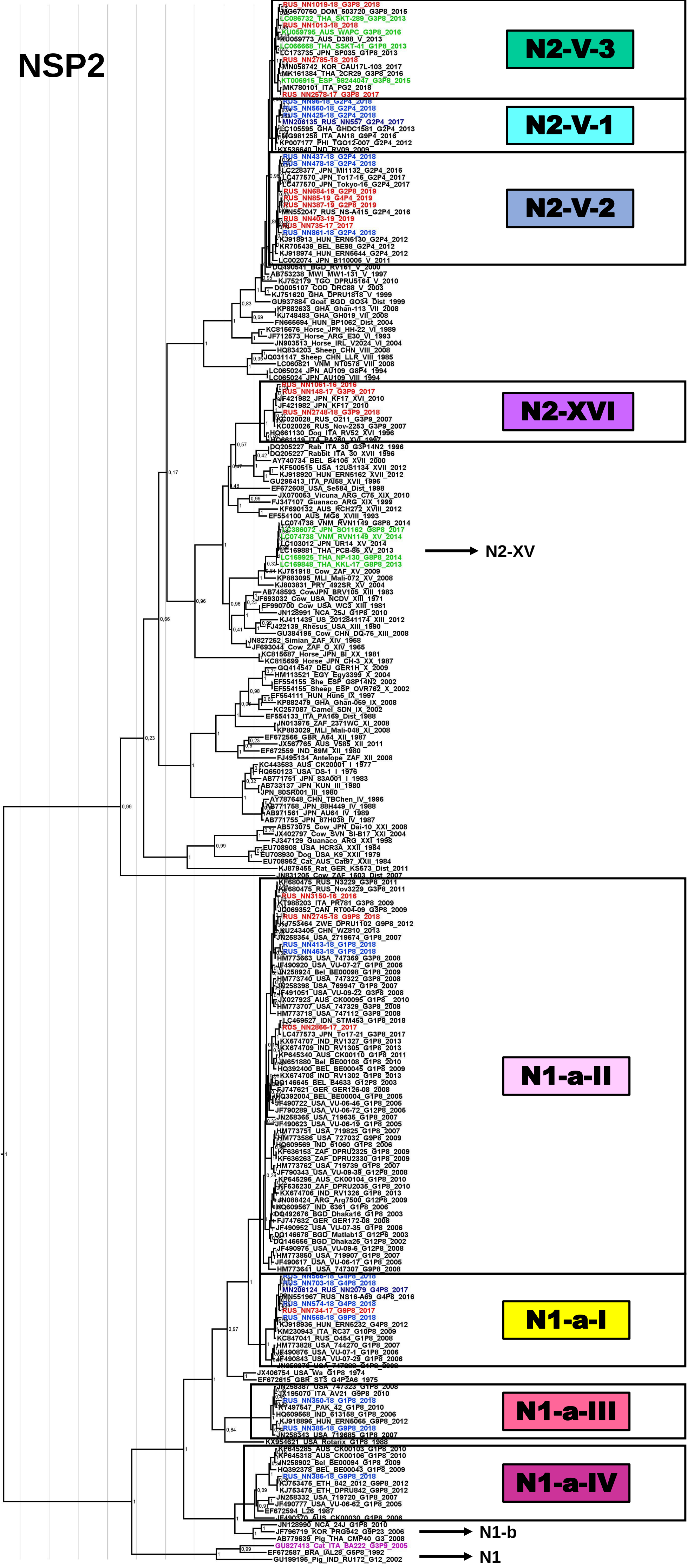
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A2-IVa-2

A3



NSP2



N2-V-3

N2-V-1

N2-V-2

N2-XVI

N2-XV

N1-a-II

N1-a-I

N1-a-III

N1-a-IV

N1-b

N1

NSP3

[illegible]

T2-V-3

T2-V-1

T2-V-2

T3

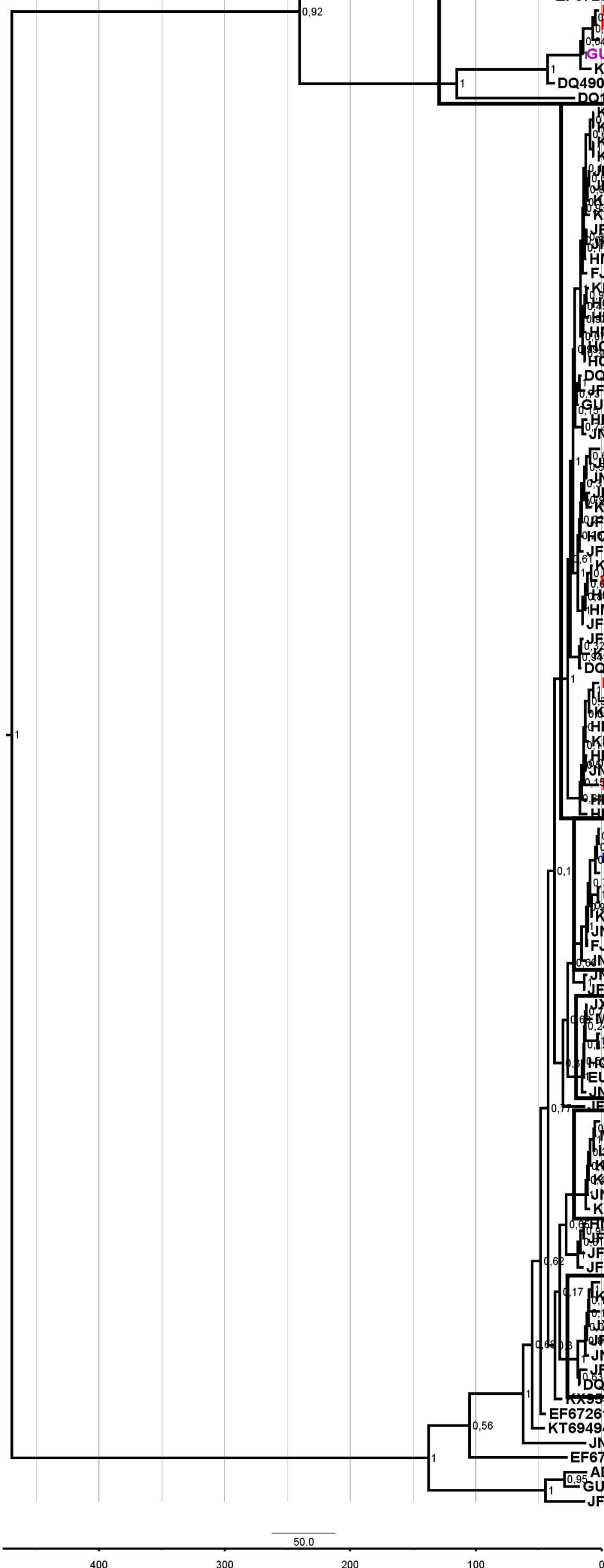
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T1-a3-l

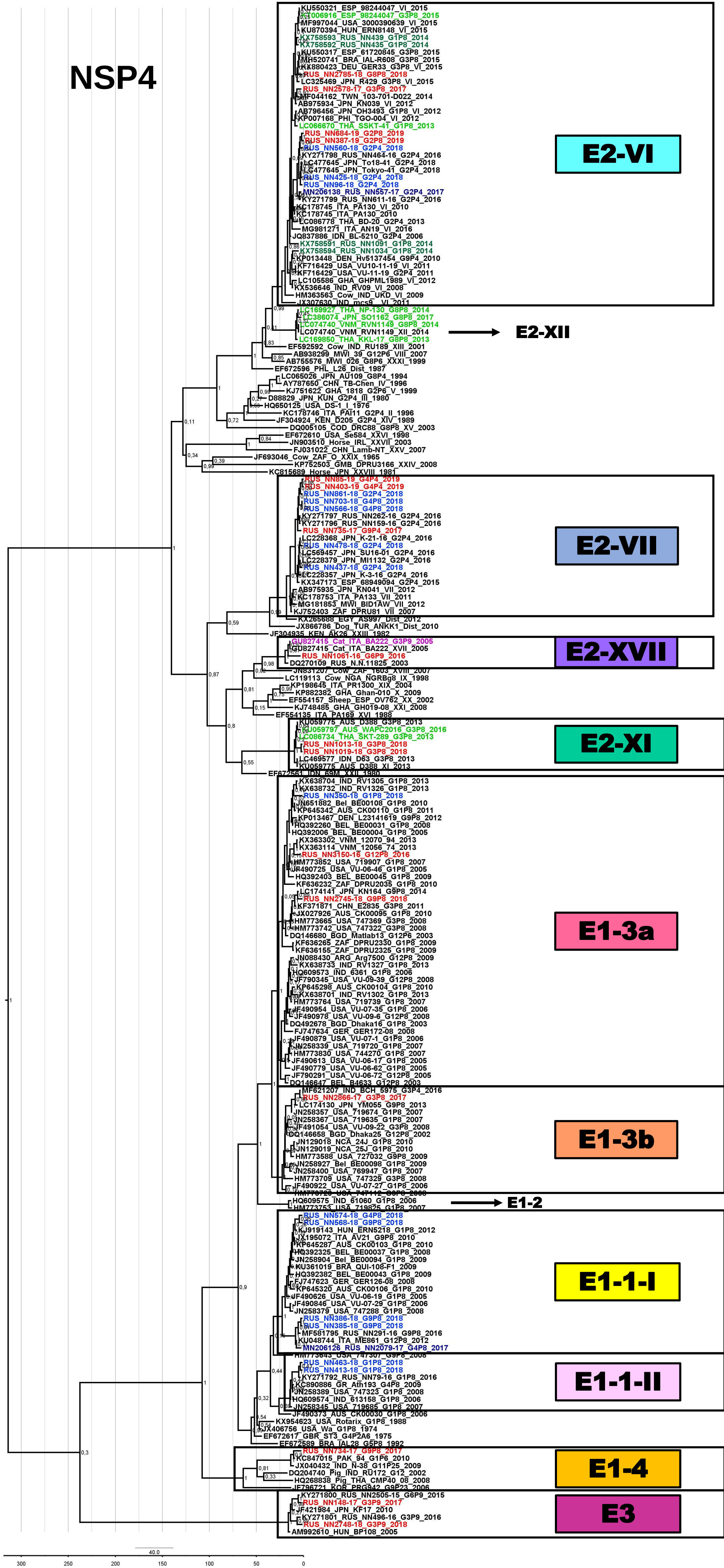
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T1-a3-IV



NSP4



NSP5/NSP6

