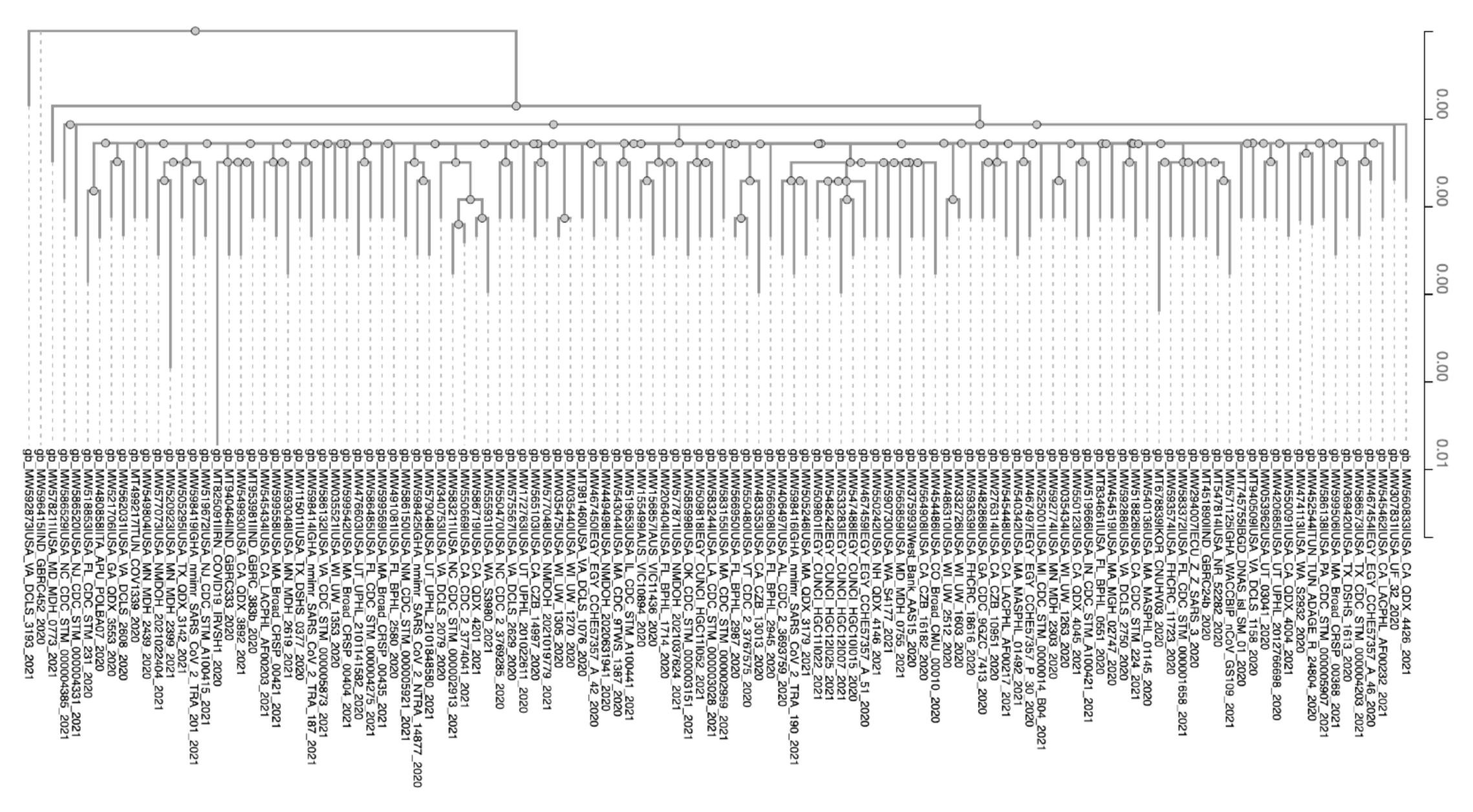
SARS-CoV-2 spike



WNV NS3

Model	Log L	# p	dN/dS	LRT	p-value
Null	-7745.48	49	1		
Alternative	-6413.5	50	0.009 [0.007-0.011]	2512.6	~0

HIV-1 env

Model	Log L	# p	dN/dS	LRT	p-value
Null	-2078.3	40	1		
Λ I	0070.0	14	1.122	0.00	

[0.94-1.33]

41

Not significantly different from neutral

0.33

SARS-CoV-2 spike

Model	Log L	# p	dN/dS	LRT	p-value
Null	-9311.0	176	1		
Alternative	-9292.0	177	0.54 [0.48-0.61]	37.94	~0

Very strongly conserved

Very strongly conserved

~0.6

-2078.2

Alternative