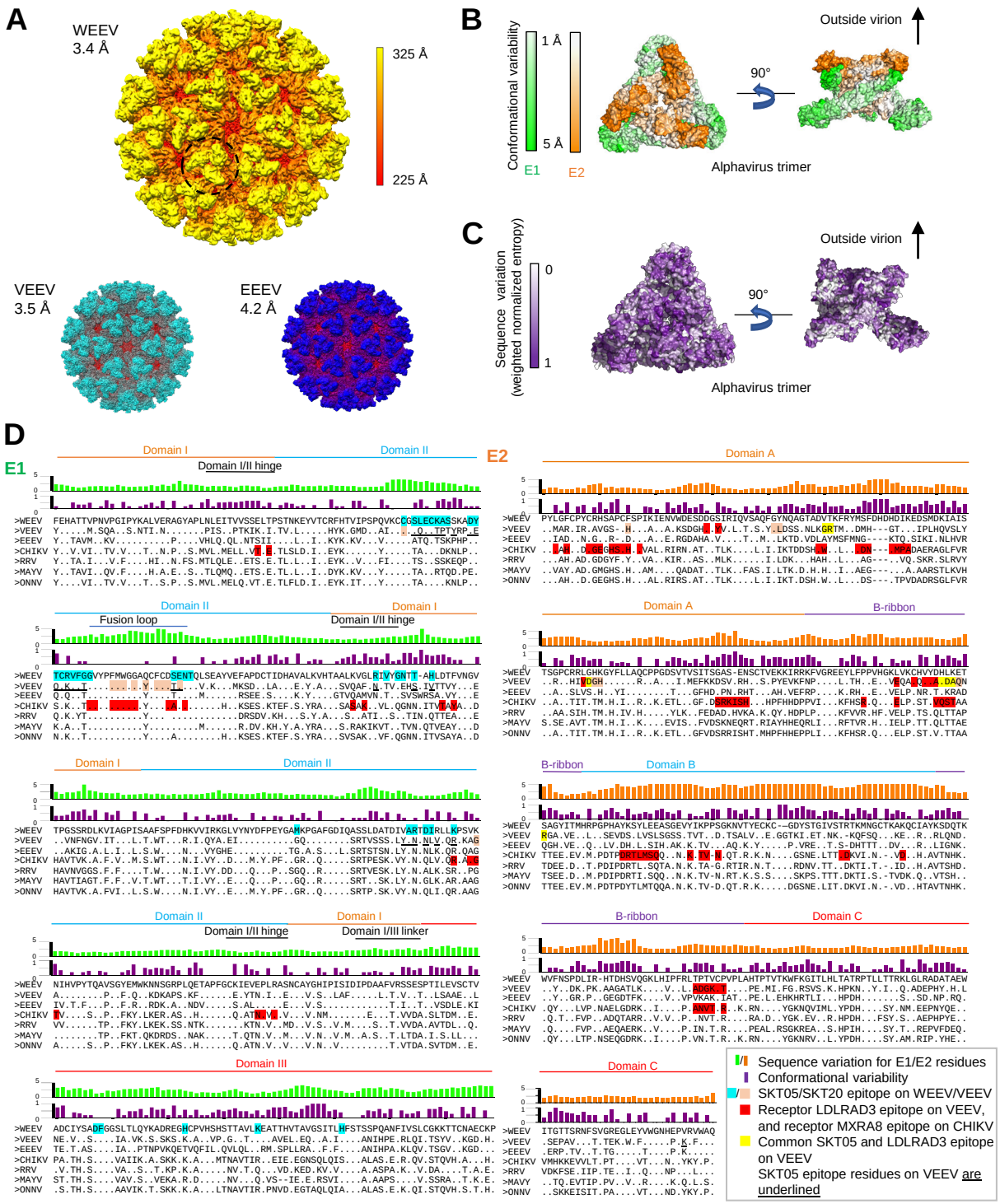
Figure S4


A
WEEV
3.4 Å
325 Å
225 Å
VEEV
3.5 Å
EEEV
4.2 Å
B
Conformational variability
1 Å
5 Å
E1
E2
Outside virion
90°
Alphavirus trimer
C
Sequence variation
(weighted normalized entropy)
0
1
Outside virion
90°
Alphavirus trimer
D
E1
Domain I
Domain II
Domain I/II hinge
Fusion loop
Domain I/II linker
Domain III
E2
Domain A
B-ribbon
Domain B
Domain C
Sequence variation for E1/E2 residues
Conformational variability
SKT05/SKT20 epitope on WEEV/VEEV
Receptor LDLRAD3 epitope on VEEV, and receptor MXRA8 epitope on CHIKV
Common SKT05 and LDLRAD3 epitope on VEEV
SKT05 epitope residues on VEEV are underlined