Figure S2

A) CAP8 serum with ConC reference sequence

B) CAP8 serum with Q23 reference sequence

C) CAP8 serum with TRO reference sequence

D) Diagram showing network analysis

E) 3D model of protein structure
A  CAP255 serum with autologous CAP255 reference sequence

B  CAP255 serum with TRO reference sequence

C  CAP255 serum with Q23 reference sequence
Figure S5

A

CAP177 serum with ConC reference sequence

B

CAP177 serum with Q23 reference sequence

C

CAP177 serum with TRO reference sequence

D

Network diagram with interactions shown.
Figure S6

A. CAP206 serum with ZM197 reference sequence

B. CAP206 serum with autologous CAP206 reference sequence

C. CAP206 serum with CAP45 reference sequence

D. CAP206 serum with Q23 reference sequence

E. CAP206 serum with TRO reference sequence

F. CAP206 serum with COT6 reference sequence

G. Network diagram with relationship scores.
Figure S7

A. CAP248 serum with ConC reference sequence

B. CAP248 serum with CAP45 reference sequence

C. CAP248 serum with DU156 reference sequence

D. Network diagram showing relationships between sequences.
Figure S8

CAP256 serum with ConC reference sequence

Scaled Bayes factors obtained with reconstructed titers

Scaled Bayes factors obtained with median titers

$r = 0.928$