

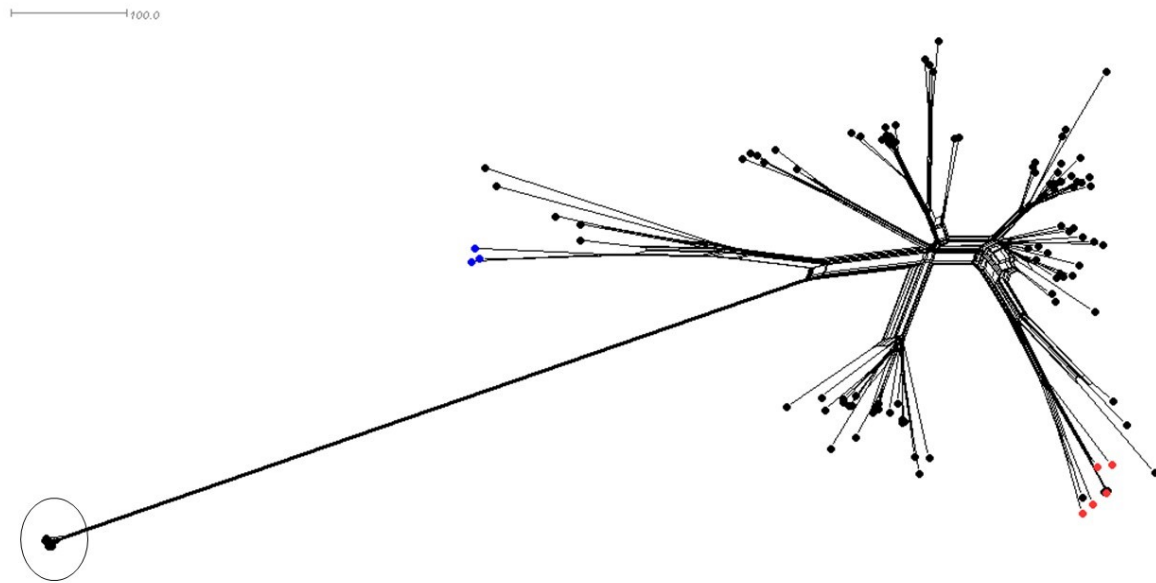
**Fluctuations in serogroup B meningococcal vaccine antigens prior to routine MenB vaccination
in France**

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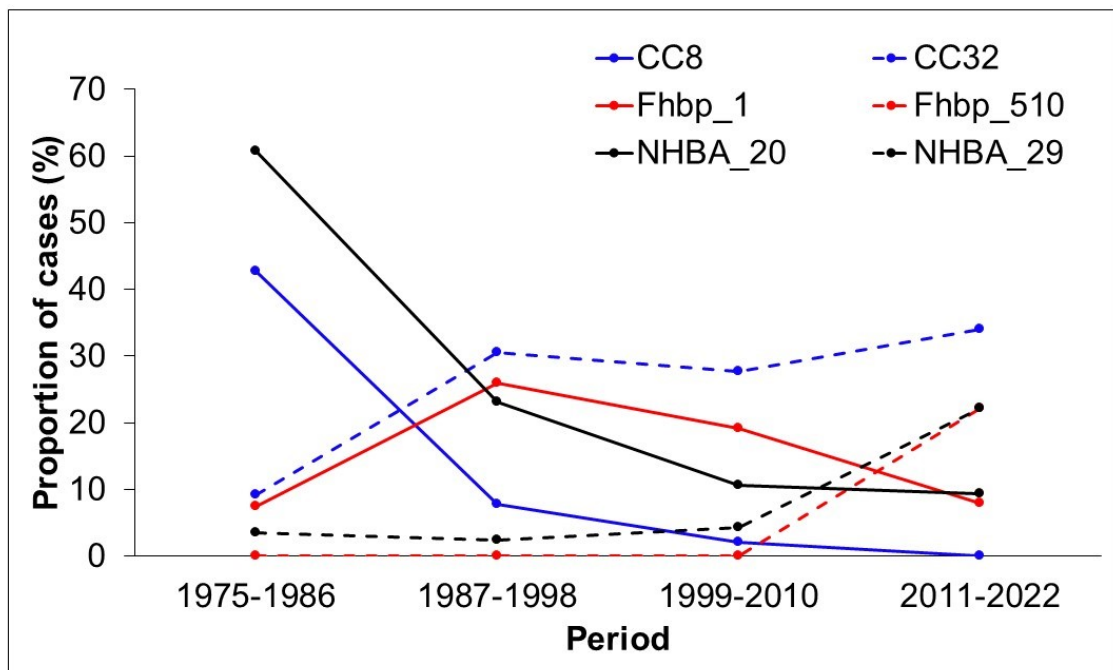
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Supplementary Fig. 1 Neighbor-net phylogenetic network of all B:CC11 from the period 1975-2022. The B:CC11 isolates are indicated by black circles. Several C:CC11 (red circles) and W:CC11 (blue circles) were added. The clade of the 1988 isolates (n=9) are surrounded by an open circle.



Supplementary Fig. 2 Evolution (percentages) of the most prevalent clonal complexes (CC8 and CC32), factor H-binding protein (fHbp) (peptides 1 and 510) and neisserial heparin-binding antigen (NHBA) (peptides 20 and 29) per sets of 12 years covering the period 1975-2022.