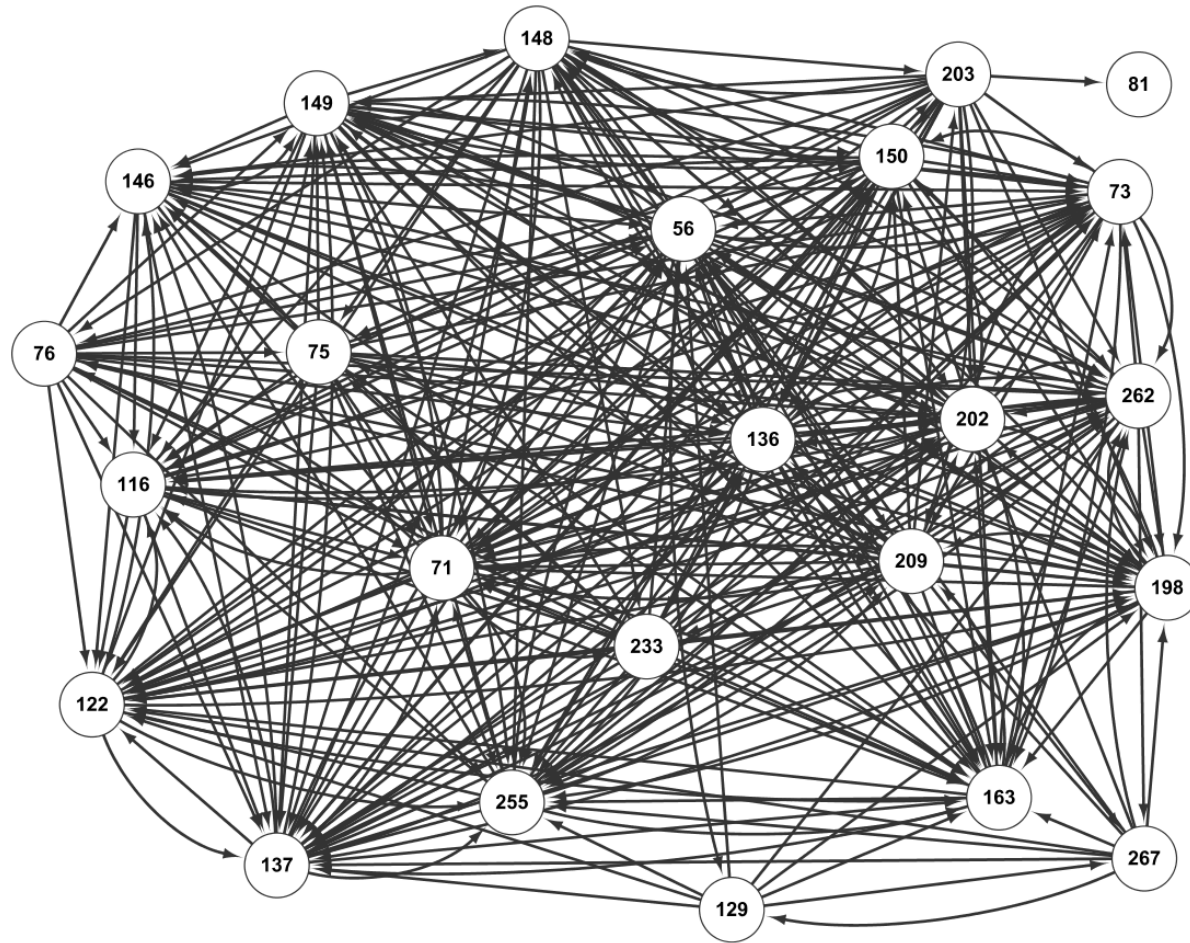**Additional File 1. Figure S1. Visualization of rules for B virus (based on all HA1 sequences of flu-B from 1975 to 2015).**

The numbers inside the nodes denote the sites (numbering in the HA1 sequence), and the edges represent the association of the site mutations. The same applies to the rest figures of "Visualization of rules".