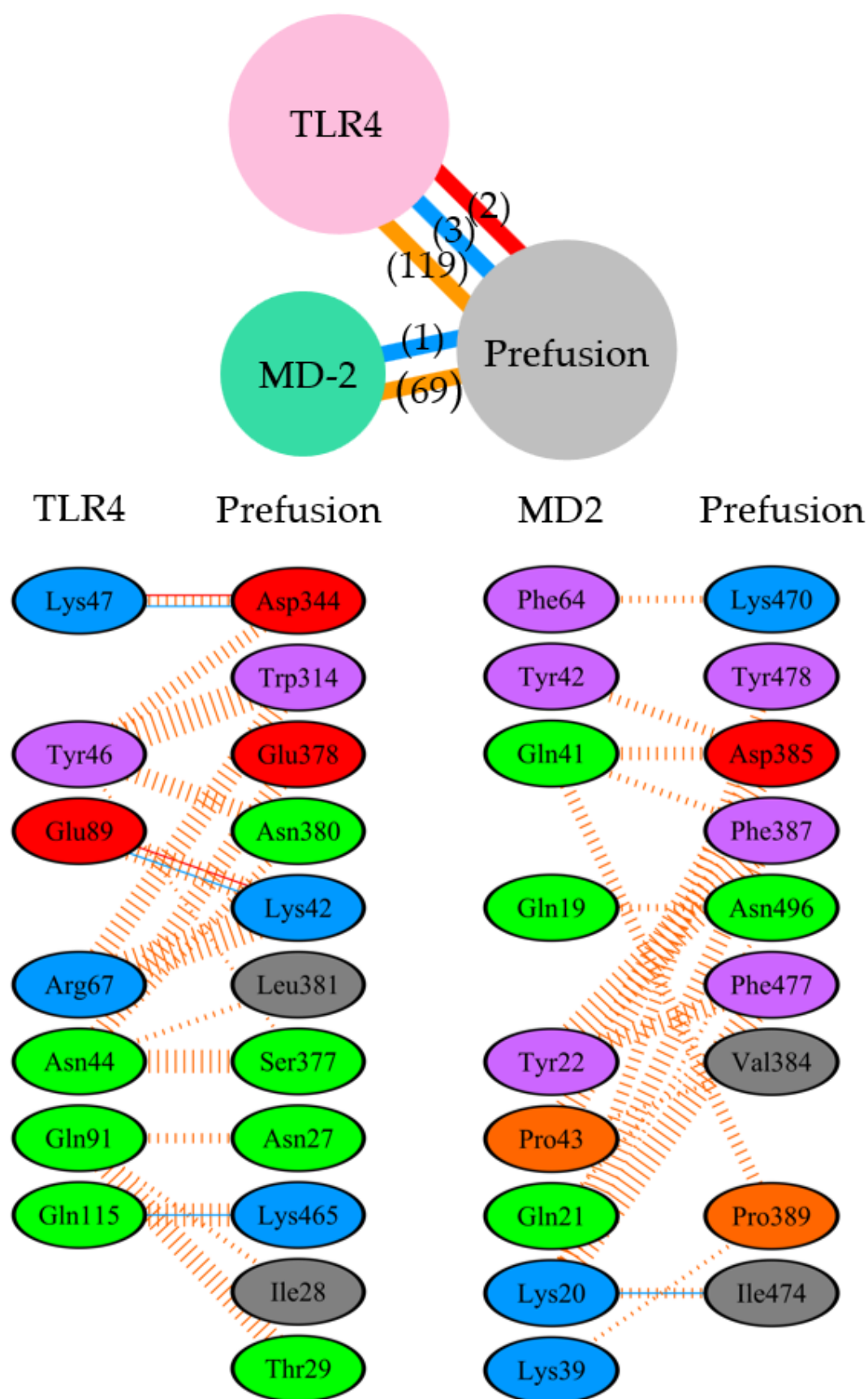
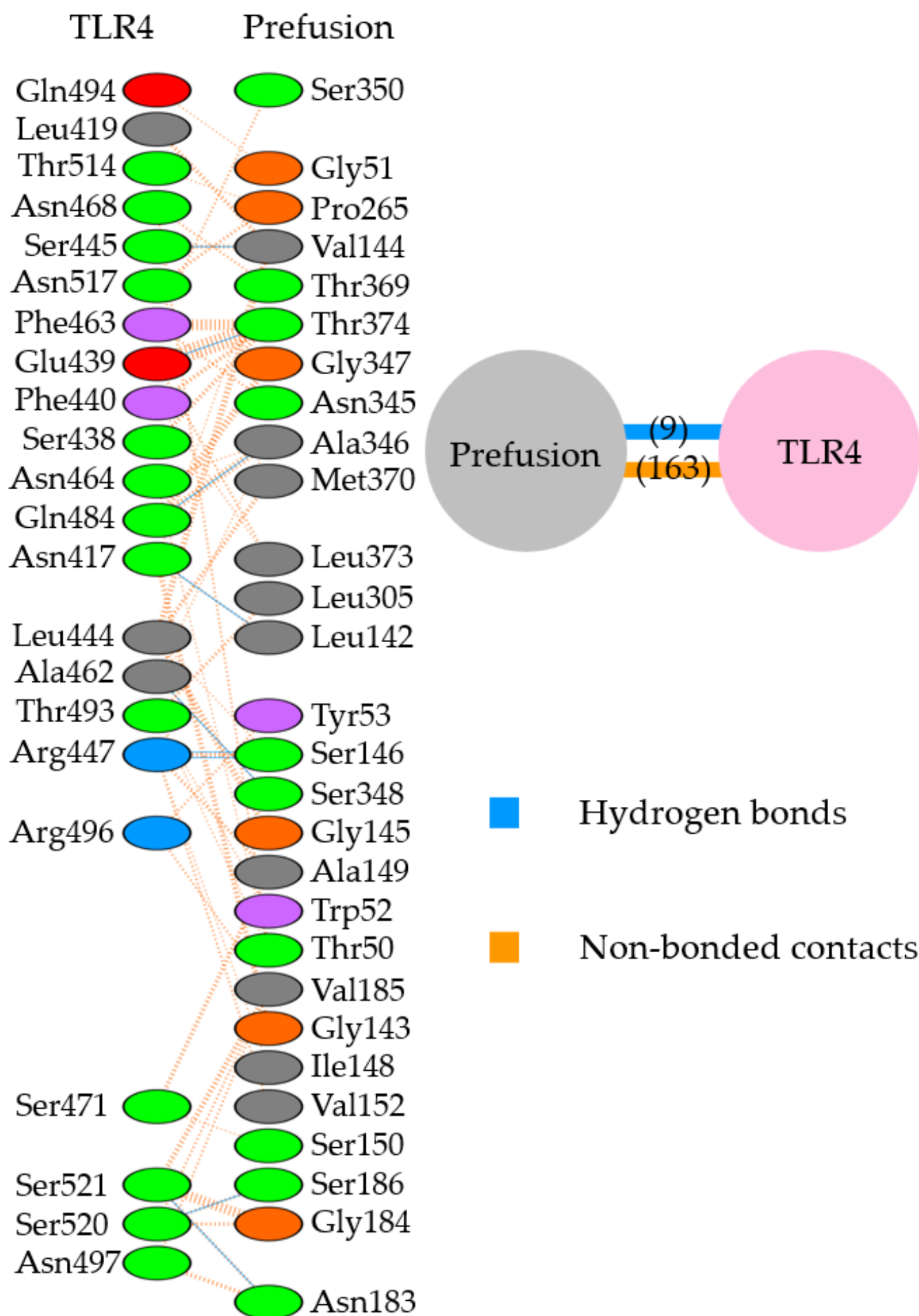


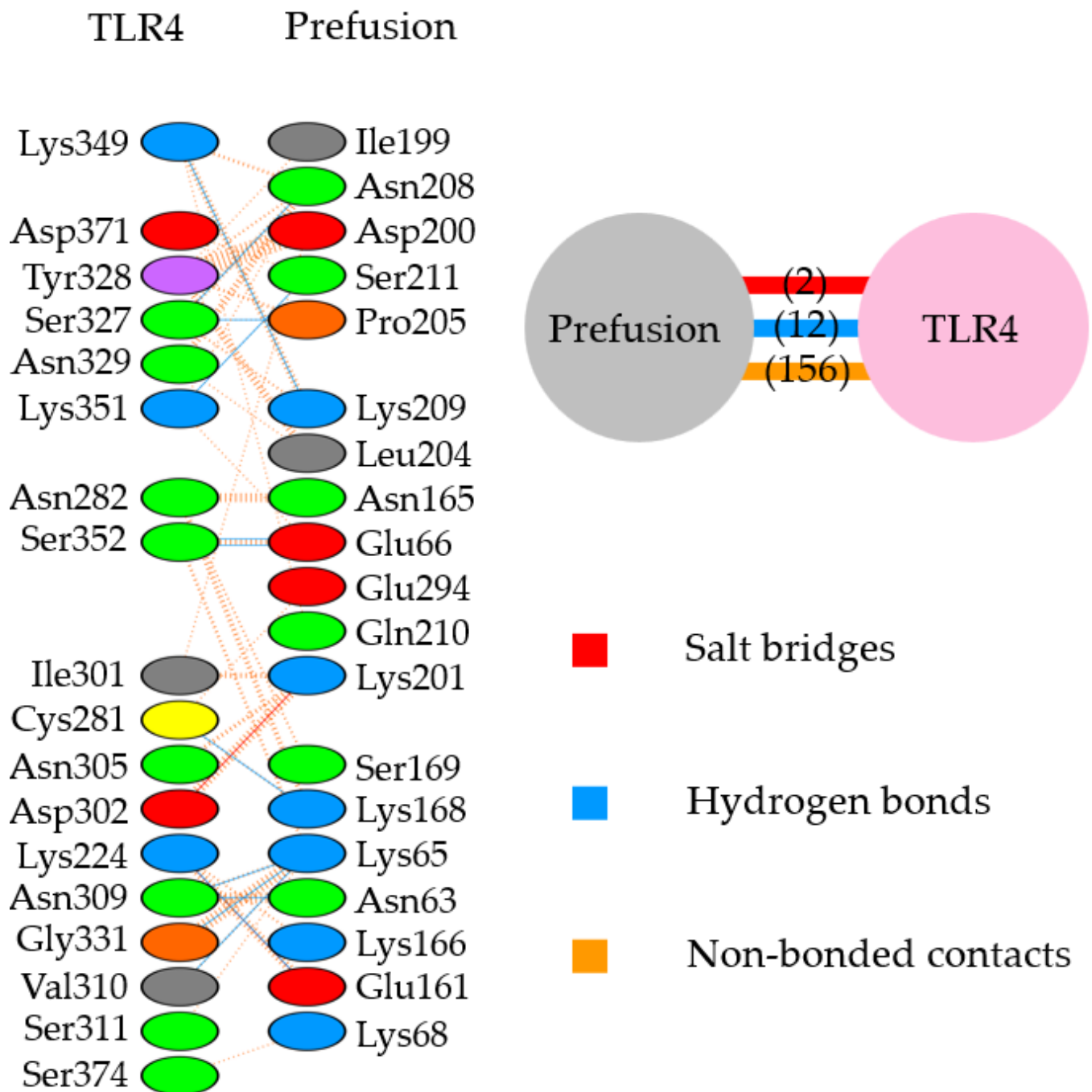
(a)



(b)



(c)



(d)

Figure S2. Illustration of the molecular interactions between respiratory syncytial virus (RSV) fusion proteins and Toll-like receptor 4/myeloid differentiation factor-2 (TLR4/MD-2). (a) The molecular interactions between RSV prefusion proteins in which site Ø was designated as the binding site and TLR4/MD-2 complexes. (b) The molecular interactions between RSV prefusion proteins in which site I was specified as the binding site and TLR4/MD-2 complexes. (c) The molecular interactions between RSV prefusion proteins in which site III was specified as the binding site and TLR4/MD-2 complexes. (d) The molecular interactions between RSV prefusion proteins in which site V was specified as the binding site and TLR4/MD-2 complexes. The molecular interactions are depicted as follows: salt bridge (red), hydrogen bonds (blue), and nonbonded contacts (orange). The number on lines represents the number of bonds in the 2D protein diagram.