



Building the homology models. *On the left, the two individual dimer models for the PAS-A and PAS-B domains, hot spots are shown in orange sticks. On the right, the structure of the bHLH-PAS CLOCK:BMAL1 complex, one of the two reference templates chosen. In the middle, the homology model of the bHLH-PAS AhR:ARNT complex. The thickness of the tube representation highlights the regions more involved in the dimerization interface, the wireframe volumes depict PPIs that mostly contribute to the $\Delta G_{\text{binding}}$.*