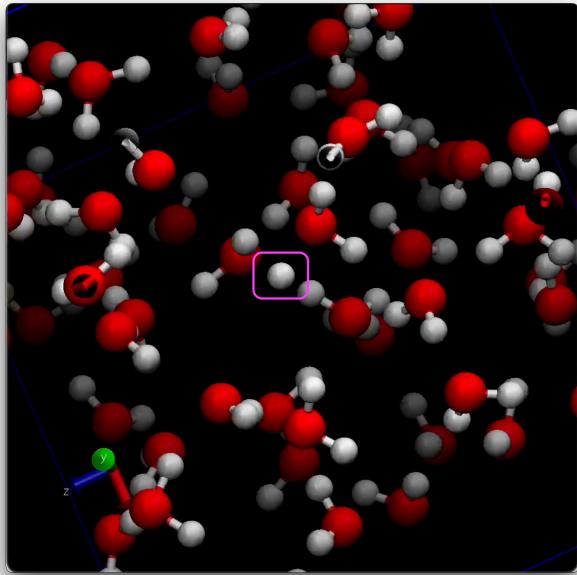
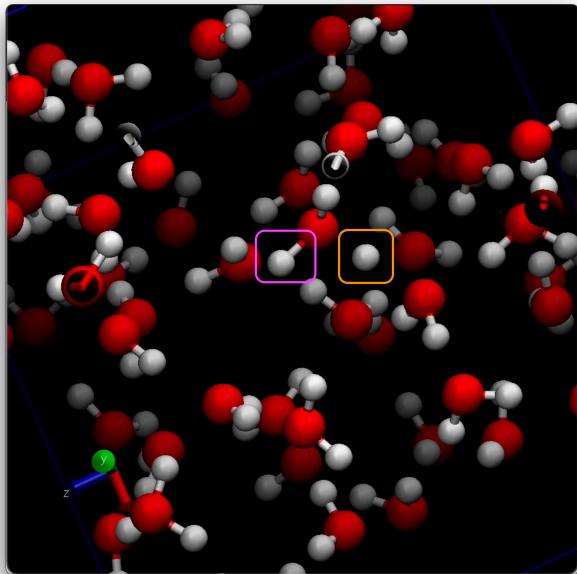


To better help you track the hopping proton in the movie, check the snapshot below; different hydrogen is circled by the different color boxes.

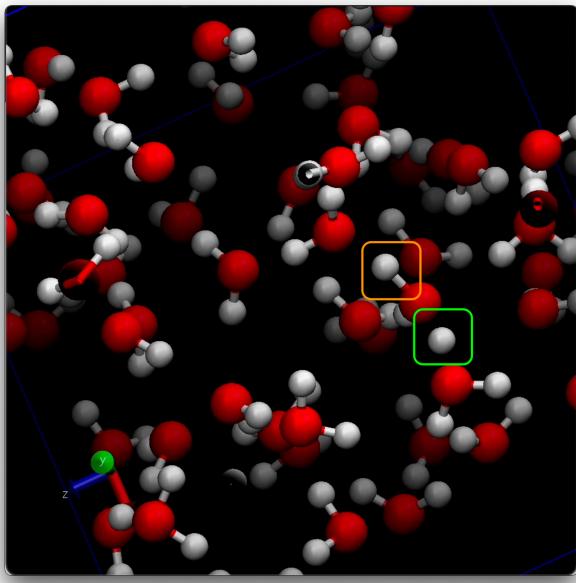
First Frame: hydrogen atom



Second frame: Pinked circled hydrogen forms a bond with water, and the water break bond and then release one hydrogen.



Third frame: Orange hydrogen then forms another bond with another water, and the water then releases green circled hydrogen.



Forth frame: the green hydrogen forms a bond with a water molecule and the water releases one hydrogen(blue box)

