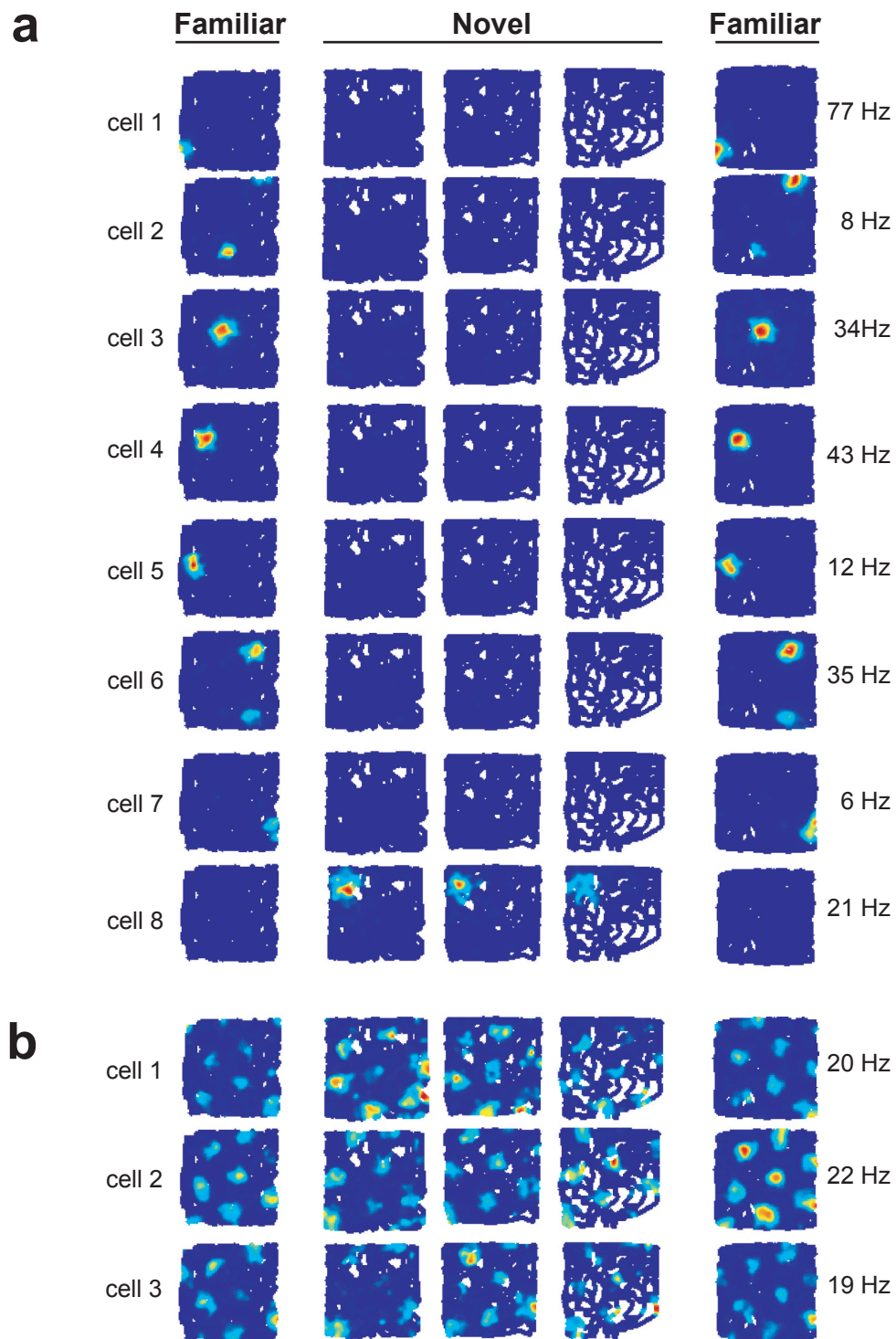


Supplementary Figure S9



Instantaneous remapping in simultaneously recorded CA3 place cells when a rat was moved from a familiar to a novel room. Eight active CA3 cells (a) were recorded simultaneously with 3 layer-II cells in dMEC (b). In CA3, different populations of pyramidal cells were active, indicating that the rat differentiated between the two rooms. In dMEC, the 3 neurons were active in both rooms.