



Figure S1. Sequence alignment of zebrafish, mouse and human MHC II\_A. Yellow: identical; Cyan: similar; Boxed: identical for all three; Blue dots: observed residues which make contact with the CD4 molecule in X-ray structure (PDB: 1JL4). Red ovals: conserved residues at the interface between MHCII\_A and MHCII\_B.