antigen processing and presentation of exogenous peptide antigen via MHC class II age **LGMN** DNM2 TRAF6 CTSD **CTSF CTSL** B2M CTSS FCER1G z-score age IFI30 Infant 2 Teen HLA-DMA Adult Elderly HLA-DQA1 -2 HLA-DPA1 HLA-DRA HLA-DMB CD74 HLA-DPB1 HLA-DRB1 HLA-DQB1 HLA-DRB5 **PIKFYVE**