antigen processing and presentation of exogenous peptide antigen positive regulation of T cell mediated cytotoxicity antigen processing and presentation via MHC class lb antigen processing and presentation of endogenous peptide antigen via MHC class I p.adjust adaptive immune response based on somatic recombination of immune receptors built from immunoglobulin superfamily d antigen processing and presentation of exogenous antigen 3e-04 6e-04 9e-04 number of genes antigen processing and presentation of endogenous peptide antigen O 2.0 T cell mediated immunity O 2.5 3.0 3.5 antigen processing and presentation of endogenous antigen leukocyte mediated immunity cell killing leukocyte mediated cytotoxicity T cell mediated cytotoxicity lymphocyte mediated immunity