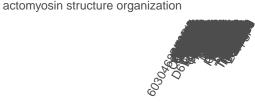
somatic diversification of immune receptors via germline recombination within a single locus somatic diversification of immune receptors somatic cell DNA recombination regulation of leukocyte proliferation regulation of leukocyte activation regulation of interleukin-4 production regulation of immunoglobulin secretion regulation of immunoglobulin production positive regulation of leukocyte cell-cell adhesion positive regulation of immune response muscle tissue development muscle system process muscle organ development muscle cell development mononuclear cell proliferation lymphocyte proliferation lymphocyte differentiation leukocyte mediated immunity leukocyte cell-cell adhesion leukocyte activation involved in immune response interleukin-4 production immunoglobulin secretion immunoglobulin production immunoglobulin mediated immune response cellular component assembly involved in morphogenesis cardiac muscle cell development cardiac cell development B cell activation



adaptive immune response