

- 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
- actomyosin structure organization

fold change

