

Supplemental Figure 5

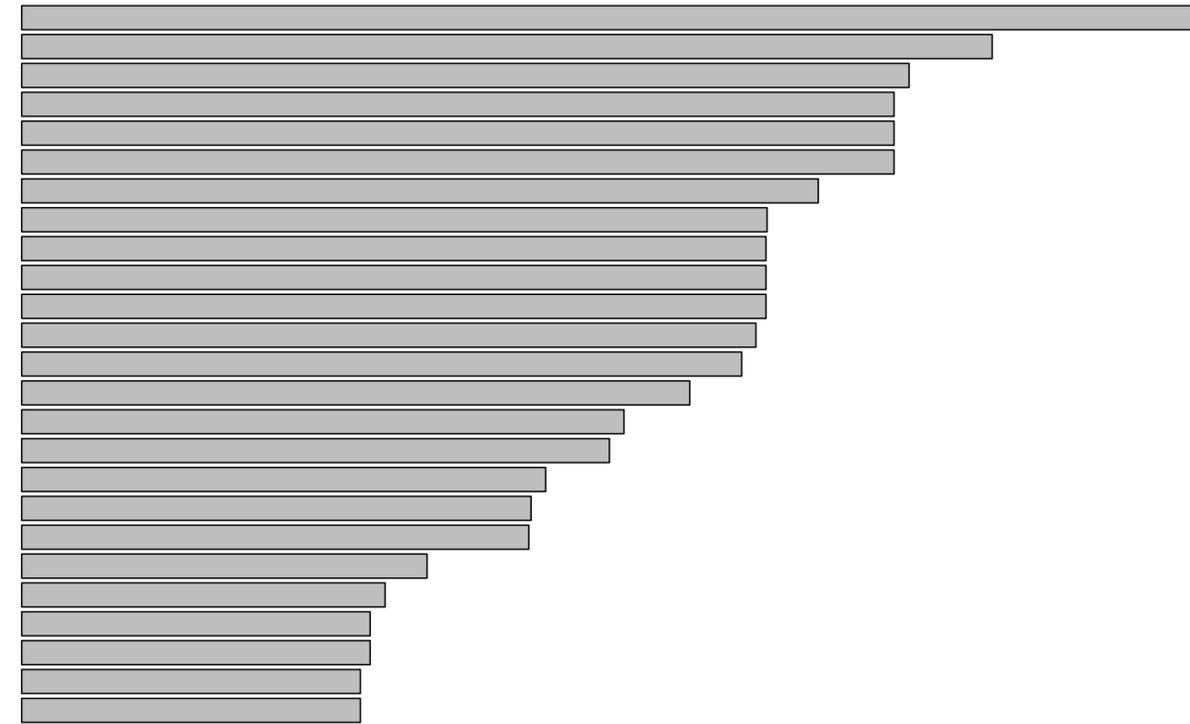
a)

RANKL

$-\log_{10}(\text{FDR})$

0.0 0.5 1.0 1.5 2.0 2.5 3.0

positive regulation of smooth muscle cell migration
 regulation of cellular component movement
 regulation of smooth muscle cell migration
 positive regulation of response to external stimulus
 positive regulation of cellular component movement
 regulation of cell migration
 regulation of cell motility
 regulation of response to external stimulus
 positive regulation of cell migration
 positive regulation of cell motility
 regulation of locomotion
 regulation of tissue remodeling
 positive regulation of locomotion
 regulation of bone resorption
 regulation of bone remodeling
 keratan sulfate biosynthetic process
 keratan sulfate catabolic process
 regulation of chemotaxis
 keratan sulfate metabolic process
 positive regulation of activated t cell proliferation
 leukocyte homeostasis
 bone resorption
 positive regulation of epithelial cell proliferation
 positive regulation of tissue remodeling
 mammary gland development



b)

RANK

$-\log_{10}(\text{FDR})$

0 2 4

positive regulation of immune system process
 positive regulation of immune response
 cell cycle phase
 regulation of immune response
 regulation of lymphocyte activation
 mitotic cell cycle
 regulation of cell activation
 regulation of leukocyte activation
 regulation of leukocyte proliferation
 inflammatory response
 regulation of t cell activation
 m phase of mitotic cell cycle
 regulation of lymphocyte proliferation
 response to biotic stimulus
 m phase
 regulation of mononuclear cell proliferation
 immune response regulating signaling pathway
 positive regulation of lymphocyte activation
 leukocyte activation
 response to wounding
 lymphocyte activation
 positive regulation of cell activation
 positive regulation of t cell activation
 positive regulation of leukocyte proliferation
 positive regulation of leukocyte activation
 immune response activating signal transduction
 mitotic prometaphase
 cell proliferation
 positive regulation of lymphocyte proliferation
 positive regulation of mononuclear cell proliferation
 immune response regulating cell surface receptor signaling pathway

