

Male: PSD Down

GO_term	name	ontology	pvalue	FDR
GO:0019886	antigen processing and presentation of exogenous peptide antigen via MHC class II	biological_process	2.09E-08	6.71E-06
GO:0002495	antigen processing and presentation of peptide antigen via MHC class II	biological_process	2.92E-08	6.71E-06
GO:0002504	antigen processing and presentation of peptide or polysaccharide antigen via MHC class II	biological_process	2.92E-08	6.71E-06
GO:0048002	antigen processing and presentation of peptide antigen	biological_process	3.49E-08	6.71E-06
GO:0002478	antigen processing and presentation of exogenous peptide antigen	biological_process	1.40E-07	1.91E-05
GO:0019884	antigen processing and presentation of exogenous antigen	biological_process	3.61E-07	4.02E-05
GO:0019882	antigen processing and presentation	biological_process	3.77E-07	4.02E-05
GO:0034341	response to interferon-gamma	biological_process	6.82E-06	0.000655
GO:0002579	positive regulation of antigen processing and presentation	biological_process	0.00016	0.0139
GO:0050670	regulation of lymphocyte proliferation	biological_process	0.000295	0.0211
GO:0002577	regulation of antigen processing and presentation	biological_process	0.000312	0.0211
GO:0032944	regulation of mononuclear cell proliferation	biological_process	0.000312	0.0211
GO:0070663	regulation of leukocyte proliferation	biological_process	0.000359	0.0211
GO:0022409	positive regulation of cell-cell adhesion	biological_process	0.000368	0.0211
GO:0033194	response to hydroperoxide	biological_process	0.000374	0.0211
GO:0050868	negative regulation of T cell activation	biological_process	0.00057	0.0304
GO:0051251	positive regulation of lymphocyte activation	biological_process	0.000682	0.0345
GO:1903038	negative regulation of leukocyte cell-cell adhesion	biological_process	0.000762	0.0349
GO:0002696	positive regulation of leukocyte activation	biological_process	0.00106	0.0444
GO:0034097	response to cytokine	biological_process	0.00122	0.049
GO:0051250	negative regulation of lymphocyte activation	biological_process	0.0013	0.0494
GO:0050867	positive regulation of cell activation	biological_process	0.00134	0.0494
GO:0002695	negative regulation of leukocyte activation	biological_process	0.00182	0.0535
GO:0030890	positive regulation of B cell proliferation	biological_process	0.0024	0.0535
GO:0002343	peripheral B cell selection	biological_process	0.00243	0.0535
GO:0002344	B cell affinity maturation	biological_process	0.00243	0.0535
GO:0035691	macrophage migration inhibitory factor signaling pathway	biological_process	0.00243	0.0535
GO:0048866	stem cell fate specification	biological_process	0.00243	0.0535
GO:1904323	regulation of inhibitory G-protein coupled receptor phosphorylation	biological_process	0.00243	0.0535
GO:1904325	positive regulation of inhibitory G-protein coupled receptor phosphorylation	biological_process	0.00243	0.0535
GO:1990227	paranodal junction maintenance	biological_process	0.00243	0.0535
GO:0022408	negative regulation of cell-cell adhesion	biological_process	0.00245	0.0535
GO:0050870	positive regulation of T cell activation	biological_process	0.00245	0.0535
GO:0050866	negative regulation of cell activation	biological_process	0.00271	0.0557
GO:1903039	positive regulation of leukocyte cell-cell adhesion	biological_process	0.00285	0.0557
GO:0071346	cellular response to interferon-gamma	biological_process	0.00325	0.0624

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GO:0051249	regulation of lymphocyte activation	biological_process	0.00363	0.068
GO:0022407	regulation of cell-cell adhesion	biological_process	0.00368	0.068
GO:0042130	negative regulation of T cell proliferation	biological_process	0.00403	0.0729
GO:0045785	positive regulation of cell adhesion	biological_process	0.00426	0.0744
GO:0030888	regulation of B cell proliferation	biological_process	0.00466	0.0777
GO:0034769	basement membrane disassembly	biological_process	0.00485	0.0777
GO:0060214	endocardium formation	biological_process	0.00485	0.0777
GO:0002683	negative regulation of immune system process	biological_process	0.00533	0.084
GO:0045087	innate immune response	biological_process	0.00553	0.0843
GO:0016064	immunoglobulin mediated immune response	biological_process	0.0058	0.0844
GO:0032945	negative regulation of mononuclear cell proliferation	biological_process	0.0058	0.0844
GO:0050672	negative regulation of lymphocyte proliferation	biological_process	0.0058	0.0844
GO:0002694	regulation of leukocyte activation	biological_process	0.00629	0.0875
GO:0019724	B cell mediated immunity	biological_process	0.00629	0.0875
GO:0070664	negative regulation of leukocyte proliferation	biological_process	0.00654	0.0898
GO:0030098	lymphocyte differentiation	biological_process	0.0067	0.0907
GO:0002339	B cell selection	biological_process	0.00727	0.0943
GO:0042613	MHC class II protein complex	cellular_component	1.03E-09	9.91E-07
GO:0042611	MHC protein complex	cellular_component	8.85E-08	1.42E-05
GO:0098797	plasma membrane protein complex	cellular_component	0.000762	0.0349
GO:0005771	multivesicular body	cellular_component	0.00167	0.0535
GO:0035693	NOS2-CD74 complex	cellular_component	0.00243	0.0535
GO:0000323	lytic vacuole	cellular_component	0.00282	0.0557
GO:0005764	lysosome	cellular_component	0.00282	0.0557
GO:0035692	macrophage migration inhibitory factor receptor complex	cellular_component	0.00485	0.0777
GO:0005773	vacuole	cellular_component	0.00546	0.0843
GO:0005770	late endosome	cellular_component	0.00592	0.0848
GO:0002142	stereocilia ankle link complex	cellular_component	0.00727	0.0943
GO:1990696	USH2 complex	cellular_component	0.00727	0.0943
GO:0042605	peptide antigen binding	molecular_function	0.000958	0.0418
GO:0001968	fibronectin binding	molecular_function	0.00153	0.0535
GO:0003953	NAD+ nucleosidase activity	molecular_function	0.00243	0.0535
GO:0042658	MHC class II protein binding, via antigen binding groove	molecular_function	0.00243	0.0535
GO:0050135	NAD(P)+ nucleosidase activity	molecular_function	0.00243	0.0535
GO:0061809	NAD+ nucleotidase, cyclic ADP-ribose generating	molecular_function	0.00243	0.0535
GO:0003823	antigen binding	molecular_function	0.00272	0.0557
GO:0046982	protein heterodimerization activity	molecular_function	0.00422	0.0744
GO:0035718	macrophage migration inhibitory factor binding	molecular_function	0.00485	0.0777