

AmiGO2 GO Ontology Enrichment Analysis						
Term	GO Hierarchy Level	Background frequency	Sample frequency	Expected	+/-	P-value (Bonferonni)
<b>Biological Regulation</b>	<b>2</b>					
positive regulation of molecular function (GO:0044093)	4	1158	8	1.975	+	0.02687
<b>Regulation of Cell Proliferation</b>	<b>5</b>					
regulation of stem cell proliferation (GO:0072091)	6	95	3	0.1621	+	0.02458
regulation of activated T cell proliferation (GO:0046006)	10	29	2	0.04947	+	0.04851
positive regulation of activated T cell proliferation (GO:0046007)	11	21	2	0.03582	+	0.02566
<b>Apoptotic Process</b>	<b>6</b>					
regulation of lymphocyte apoptotic process (GO:007022)	10	56	3	0.09553	+	0.005271
positive regulation of leukocyte apoptotic process (GO:007023)	11	27	2	0.04606	+	0.04214
positive regulation of lymphocyte apoptotic process (GO:007024)	12	17	2	0.029	+	0.01689
negative regulation of release of cytochrome c from mitochondrion (GO:007025)	10	17	2	0.029	+	0.01689
<b>Cellular component organization or biogenesis (GO:007026)</b>	<b>2</b>	<b>3832</b>	<b>17</b>	<b>6.537</b>	<b>+</b>	<b>0.003038</b>
membrane organization (GO:0061024)	4	468	5	0.7984	+	0.04842
organelle organization (GO:0006996)	4	2187	11	3.731	+	0.03324
single-organism organelle organization (GO:1902589)	5	1497	9	2.554	+	0.03194
mitochondrion morphogenesis (GO:0070584)	7	19	2	0.03241	+	0.02105
cellular component disassembly (GO:0022411)	4	101	3	0.1723	+	0.02933

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<b>Localization</b>	<b>2</b>					
cellular localization (GO:0051641)	3	1542	9	2.631	+	0.03947
establishment of localization in cell (GO:0051649)	4	1217	9	2.076	+	0.006963
vesicle localization (GO:0051648)	5	112	3	0.1911	+	0.03948
establishment of vesicle localization (GO:0051650)	6	104	3	0.1774	+	0.03191
single-organism transport (GO:0044765)	5	2274	11	3.879	+	0.04602
<b>Development Process</b>	<b>2</b>					
multicellular organismal aging (GO:0010259)	5	26	2	0.04435	+	0.03912
<b>Signaling</b>	<b>2</b>					
neuromuscular synaptic transmission (GO:0007274)	7	19	2	0.03241	+	0.02105
<b>Response to Stimulus</b>	<b>2</b>					
response to ischemia (GO:0002931)	4	18	2	0.03071	+	0.01891
response to organonitrogen compound (GO:0010243)	6	417	5	0.7114	+	0.02896
response to alkaloid (GO:0043279)	7	74	3	0.1262	+	0.01191