

Functional Category	Mouse P-value*	Human P-value*	Mouse Fold Change	Human Fold Change
extracellular space	5.13E-09	3.67E-19	2.83	5.67
endopeptidase inhibitor activity	1.15E-11	2.33E-09	14.58	15.21
enzyme inhibitor activity	3.73E-13	3.27E-07	12.47	9.02
protease inhibitor activity	1.34E-11	2.47E-09	14.40	15.11
cysteine protease inhibitor activity	2.70E-06	3.60E-04	22.70	21.43
serine-type protease inhibitor activity	7.33E-08	8.00E-06	11.70	12.50
enzyme regulator activity	1.05E-07	9.72E-04	4.93	3.52
defense response	8.48E-04	9.79E-11	2.53	4.29
response to biotic stimulus	1.15E-03	2.48E-10	2.46	4.11
immune response	6.41E-05	7.30E-11	3.18	4.56
innate immune response	2.70E-04	3.55E-04	15.75	14.65
humoral immune response	3.95E-03	1.57E-04	5.68	8.53
complement activation	1.28E-04	3.05E-05	19.05	27.32
complement classical pathway	>0.05	3.34E-04	NS	28.88
complement alternative pathway	1.57E-03	>0.05	49.14	NS
response to stress	8.30E-10	2.62E-04	4.02	2.90
inflammatory response	8.26E-09	4.28E-05	7.26	6.15
acute-phase response	5.01E-04	2.01E-06	25.20	28.21
response to wounding	1.22E-03	1.39E-04	3.77	5.04
blood coagulation	3.60E-03	1.05E-03	12.85	10.99
antigen binding	>0.05	2.98E-11	NS	7.81
high-density lipoprotein	>0.05	2.85E-04	NS	111.98
heparin binding	>0.05	5.74E-04	NS	10.53
carbohydrate binding	>0.05	5.17E-04	NS	4.96
lipid binding	>0.05	2.70E-03	NS	37.91
protein binding	>0.05	4.58E-03	NS	1.56
binding	>0.05	1.00E-02	NS	1.65
protein polymerization	9.70E-08	2.57E-02	30.17	11.89
carbohydrate metabolism	1.81E-09	>0.05	19.50	NS
alcohol metabolism	2.79E-06	1.44E-02	17.37	4.13
glycolysis	1.05E-06	5.00E-02	20.47	7.78
gluconeogenesis	1.43E-05	>0.05	32.76	NS
cellular metabolism	2.89E-03	>0.05	1.30	NS
reactive oxygen species metabolism	1.21E-07	>0.05	20.16	NS
response to oxidative stress	2.77E-07	>0.05	25.48	NS
oxidoreductase activity	3.54E-06	>0.05	3.82	NS
antioxidant activity	2.46E-05	>0.05	17.16	NS
catalytic activity	2.90E-05	>0.05	1.64	NS
phospholipase A2 inhibitor activity	1.02E-04	>0.05	168.70	NS
peroxidase activity	1.65E-04	>0.05	17.95	NS
hydrolase activity	2.90E-04	>0.05	2.08	NS
chitinase activity	9.34E-04	>0.05	63.26	NS
glutathione transferase activity	5.58E-04	>0.05	18.75	NS

NS: not significant

*An enrichment P-value greater than 0.05 was below the significance threshold