

Supplemental Table 2. Enriched Gene Ontology (GO) categories in differentially up-regulated BALF proteins in HIV+ patients.

Annotation	Name	Category	Number of Proteins	Fold Enrichment	Raw P-value	Adjusted P-value
biological process	response to wounding	GO:0009611	10	11.16	5.40E-09	1.13E-06
biological process	regulation of fibrinolysis	GO:0051917	3	208.26	2.99E-07	2.60E-05
biological process	acute inflammatory response	GO:0002526	5	30.93	4.72E-07	2.60E-05
biological process	response to external stimulus	GO:0009605	10	6.91	4.98E-07	2.60E-05
biological process	inflammatory response	GO:0006954	7	12.18	9.95E-07	4.16E-05
biological process	blood coagulation, intrinsic pathway	GO:0007597	2	624.78	2.45E-06	7.94E-05
biological process	fibrinolysis	GO:0042730	3	104.13	2.88E-06	7.94E-05
biological process	regulation of response to external stimulus	GO:0032101	5	21.25	3.04E-06	7.94E-05
biological process	negative regulation of multicellular organismal process	GO:0051241	5	20.03	4.06E-06	9.43E-05
biological process	negative regulation of blood coagulation	GO:0030195	3	72.09	9.09E-06	2.00E-04
biological process	negative regulation of coagulation	GO:0050819	3	66.94	1.14E-05	2.00E-04
biological process	positive regulation of fibrinolysis	GO:0051919	2	312.39	1.47E-05	3.00E-04
biological process	regulation of blood coagulation	GO:0030193	3	53.55	2.27E-05	4.00E-04
biological process	acute-phase response	GO:0006953	3	49.32	2.91E-05	4.00E-04
biological process	regulation of coagulation	GO:0050818	3	48.06	3.15E-05	4.00E-04
biological process	plasminogen activation	GO:0031639	2	208.26	3.66E-05	4.00E-04
biological process	negative regulation of fibrinolysis	GO:0051918	2	208.26	3.66E-05	4.00E-04
biological process	positive regulation of blood coagulation	GO:0030194	2	208.26	3.66E-05	4.00E-04
biological process	regulation of response to stress	GO:0080134	5	12.11	4.63E-05	5.00E-04
biological process	defense response	GO:0006952	7	6.66	5.22E-05	5.00E-04
biological process	regulation of response to stimulus	GO:0048583	6	8.5	5.23E-05	5.00E-04
biological process	positive regulation of coagulation	GO:0050820	2	138.84	8.76E-05	8.00E-04
biological process	zymogen activation	GO:0031638	2	124.96	1.00E-04	9.00E-04
biological process	response to stress	GO:0006950	10	3.68	1.00E-04	9.00E-04
biological process	immune system process	GO:0002376	8	4.69	2.00E-04	1.40E-03
biological process	regulation of inflammatory response	GO:0050727	3	26.4	2.00E-04	1.40E-03
biological process	negative regulation of endothelial cell migration	GO:0010596	2	89.25	2.00E-04	1.40E-03
biological process	wound healing	GO:0042060	4	12.88	2.00E-04	1.40E-03
biological process	regeneration	GO:0031099	3	26.03	2.00E-04	1.40E-03
biological process	protein maturation by peptide bond cleavage	GO:0051605	3	21.79	3.00E-04	2.00E-03
biological process	regulation of multicellular organismal process	GO:0051239	7	4.95	3.00E-04	2.00E-03
biological process	negative regulation of angiogenesis	GO:0016525	2	54.33	6.00E-04	3.90E-03
biological process	protein processing	GO:0016485	3	17.2	7.00E-04	4.20E-03
biological process	blood coagulation	GO:0007596	3	16.59	7.00E-04	4.20E-03
biological process	regulation of endothelial cell migration	GO:0010594	2	49.98	7.00E-04	4.20E-03
biological process	protein maturation	GO:0051604	3	15.88	8.00E-04	4.50E-03
biological process	coagulation	GO:0050817	3	16.16	8.00E-04	4.50E-03
biological process	response to stimulus	GO:0050896	13	2.34	9.00E-04	4.80E-03
biological process	hemostasis	GO:0007599	3	15.75	9.00E-04	4.80E-03
biological process	tissue regeneration	GO:0042246	2	40.31	1.10E-03	5.70E-03
molecular function	endopeptidase activity	GO:0004175	5	8.65	2.00E-04	8.40E-03
molecular function	glycoprotein binding	GO:0001948	2	37.66	1.30E-03	1.31E-02
molecular function	peptidase activity, acting on L-amino acid peptides	GO:0070011	5	5.86	1.30E-03	1.31E-02
molecular function	peptidase activity	GO:0008233	5	5.69	1.50E-03	1.31E-02
molecular function	serine-type endopeptidase activity	GO:0004252	3	12.55	1.70E-03	1.31E-02
molecular function	serine-type peptidase activity	GO:0008236	3	10.85	2.50E-03	1.31E-02
molecular function	SH3/SH2 adaptor activity	GO:0005070	2	26.13	2.60E-03	1.31E-02
molecular function	serine hydrolase activity	GO:0017171	3	10.73	2.60E-03	1.31E-02
molecular function	lipid binding	GO:0008289	4	6.62	2.80E-03	1.31E-02
molecular function	steroid binding	GO:0005496	2	19.11	4.90E-03	1.87E-02
molecular function	molecular adaptor activity	GO:0060090	2	19.11	4.90E-03	1.87E-02
molecular function	cysteine-type endopeptidase activity	GO:0004197	2	18.03	5.40E-03	1.89E-02
molecular function	enzyme inhibitor activity	GO:0004857	3	7.14	8.20E-03	2.52E-02
molecular function	enzyme regulator activity	GO:0030234	5	3.83	8.40E-03	2.52E-02
molecular function	protein binding, bridging	GO:0030674	2	13.62	9.40E-03	2.63E-02
molecular function	actin binding	GO:0003779	3	5.96	1.33E-02	3.49E-02
molecular function	protein binding	GO:0005515	18	1.43	2.00E-02	4.71E-02
molecular function	cysteine-type peptidase activity	GO:0008234	2	9.08	2.02E-02	4.71E-02
molecular function	endopeptidase inhibitor activity	GO:0004866	2	8.77	2.16E-02	4.77E-02
cellular component	extracellular region	GO:0005576	18	5.85	7.93E-12	2.93E-10
cellular component	extracellular space	GO:0005615	10	9.63	2.66E-08	4.92E-07
cellular component	extracellular region part	GO:0044421	10	6.87	6.26E-07	7.72E-06
cellular component	MHC class I protein complex	GO:0042612	2	53.76	6.00E-04	5.60E-03
cellular component	MHC protein complex	GO:0042611	2	33.95	1.60E-03	1.18E-02