

Additional file 3. List of the overrepresented terms in the GO Enrichment analysis of the 18 proteins showing significantly differential abundance between control and NET treatments (hypergeometric test, FDR < 0.05).

GO Term	Corrected <i>p</i> -value	Proteins in test set
GO Biological Process		
response to stimulus (GO:50896)	1.3471E-3	ZGC:158446 FGA HPX C3B SERPINC1 TFA
response to chemical stimulus (GO:42221)	2.2140E-2	HPX C3B SERPINC1
response to bacterium (GO:9617)	2.2140E-2	ZGC:158446 TFA
response to other organism (GO:51707)	2.3152E-2	ZGC:158446 TFA
multi-organism process (GO:51704)	2.3152E-2	ZGC:158446 TFA
response to biotic stimulus (GO:9607)	2.3152E-2	ZGC:158446 TFA
complement activation (GO:6956)	2.3152E-2	ZGC:158446
activation of plasma proteins involved in acute inflammatory response (GO:2541)	2.3152E-2	ZGC:158446
response to wounding (GO:9611)	2.7276E-2	ZGC:158446 FGA
humoral immune response (GO:6959)	2.7771E-2	ZGC:158446
acute inflammatory response (GO:2526)	3.3649E-2	ZGC:158446
activation of immune response (GO:2253)	3.4672E-2	ZGC:158446
hyaluronan metabolic process (GO:30212)	3.4672E-2	ZGC:110377
positive regulation of immune response (GO:50778)	3.4672E-2	ZGC:158446
protein maturation by peptide bond cleavage (GO:51605)	3.4672E-2	ZGC:158446
platelet activation (GO:30168)	3.4672E-2	FGA
positive regulation of immune system process (GO:2684)	3.8056E-2	ZGC:158446
regulation of immune response (GO:50776)	3.8899E-2	ZGC:158446
immune effector process (GO:2252)	3.8899E-2	ZGC:158446
GO Molecular function		
endopeptidase inhibitor activity (GO:4866)	2.2083E-8	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1
endopeptidase regulator activity (GO:61135)	2.2083E-8	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1
peptidase regulator activity (GO:61134)	2.2083E-8	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1
peptidase inhibitor activity (GO:30414)	2.2083E-8	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1
enzyme inhibitor activity (GO:4857)	5.2878E-8	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1
enzyme regulator activity (GO:30234)	9.9472E-6	SERPINA1 SERPINC1 ZGC:110377 A2ML KNG1

serine-type endopeptidase inhibitor activity (GO:4867)	2.2566E-5	SERPINA1 SERPINC1 ZGC:110377
protein binding, bridging (GO:30674)	1.6737E-2	FGA
ferric iron binding (GO:8199)	3.2152E-2	TFA
cysteine-type endopeptidase inhibitor activity (GO:4869)	3.5576E-2	KNG1
GO Cellular Component		
extracellular region (GO:5576)	8.4350E-7	ZGC:158446 FGA HPX APOEB A2ML TFA
extracellular space (GO:5615)	4.7732E-3	FGA A2ML
fibrinogen complex (GO:5577)	5.1382E-3	FGA
extracellular region part (GO:44421)	1.0052E-2	FGA A2ML