Supplementary table S2: The neutrophil PM proteome on day 0 of AAT augmentation therapy is enriched for degranulation proteins.

Intrinsic neutrophil proteins differentially expressed on the plasma membrane surface between day 0 and day 2 of AAT augmentation therapy in AATD individuals that are constituents of the exocytosis GO cluster, as determined by GORILLA (n=6). All proteins in this group were increased in abundance on day 0. DE defined as fold change >1.5, $p \leq 0.05$.

GO0006887 Exocytosis : Enrichment score 1.64, p= 0.0008			
Gene	**Protein**	**Fold Change**	**p value**
MPO	Myeloperoxidase	2.57	0.05
PRTN3	Proteinase 3	2.7	0.005
LTF	Lactoferrin	2.9	0.03
MMP9	Matrix metallopeptidase 9	3.26	0.03
ACTN1	Actinin, alpha 1	4.52	0.01
ANXA3	Annexin a3	2.34	0.04
CAP1	Cap, adenylate cyclase-associated protein 1	4.5	0.02
CPNE3	Copine III	2.32	0.009
FERMT3	Fermitin family member 3	2.95	0.03
FLNA	Filamin a, alpha	2.54	0.003
GPI	Glucose-6-phosphate isomerase	11.2	0.04
HSP90AA1	Heat shock protein 90kda alpha	2.66	0.04
HSPA8	Heat shock 70kda protein 8	2.41	0.01
ITGA2B	Integrin, alpha 2b	2.7	0.005
ITGAL	Integrin, alpha l (lymphocyte function-associated antigen 1; cd11a)	3.76	0.04
ITGAM	Integrin, alpha m (complement receptor 3 subunit, cd11b)	1.91	0.04
ITGB3	Integrin, beta 3	3.13	0.03
LCN2	Lipocalin 2	4.89	0.03
MYO1G	Myosin	1.97	0.01
PGAM1	Phosphoglycerate mutase 1	10.22	0.03
PKM	Pyruvate kinase	3.41	0.04
PPIA	Peptidylprolyl isomerase a (cyclophilin a)	3.4	0.03
PRTPRC	Protein tyrosine phosphatase, receptor type, c	3.72	0.03
RAB3D	Rab3d, member ras oncogene family	3.14	0.03
SPTAN1	Spectrin, alpha, non-erythrocytic 1	8.89	0.03
STOM	Stomatin	2.29	0.03
STXBP2	Syntaxin binding protein 2	1.85	0.04
TLN1	Talin 1	4.04	0.01
VCL	Vinculin	3.88	0.03
WDR1	WD repeat domain 1	12.55	0.03