

Table S1

List of manually curated genes related to neutrophils extracellular traps formation or phagocytosis		
Symbol.human	Symbol.mouse	Interest
PADI4	Padi4	NET
ELANE	Elane	NET
MPO	Mpo	NET
CYBB	Cybb	NET
CYBA	Cyba	NET
NOX1	Nox1	NET
NOX3	Nox3	NET
NOX4	Nox4	NET
NOX5	NA	NET
NOXO1	Noxo1	NET
NOXA1	Noxa1	NET
PRKCA	Prkca	NET
PRKCG	Prkcg	NET
PRKCB	Prkcb	NET
PRKCZ	Prkcz	NET
PRKCC	NA	NET
PRKCE	Prkce	NET
PRKCD	Prkcd	NET

PIK3CG	Pik3cg	NET
PIK3CD	Pik3cd	NET
MAPK1	Mapk1	NET
MAP2K1	Map2k1	NET
MAPK3	Mapk3	NET
DNASE1	Dnase1	NET
GSDMD	Gsdmd	NET
GSDME	Gsdme	NET
GSDMB	NA	NET
GSDMA	Gsdma	NET
GSDMA	Gsdma2	NET
GSDMA	Gsdma2	NET
GSDMC	Gsdmc4	NET
GSDMC	Gsdmc	NET
GSDMC	Gsdmc3	NET
GSDMC	Gsdmc2	NET
MMP9	Mmp9	NET
MMP2	Mmp2	NET
MMP1	Mmp1a	NET
MMP14	Mmp14	NET
MMP3	Mmp3	NET

MMP7	Mmp7	NET
MMP12	Mmp12	NET
MMP8	Mmp8	NET
MMP10	Mmp10	NET
MMP15	Mmp15	NET
TIMP2	Timp2	NET
TIMP1	Timp1	NET
TIMP3	Timp3	NET
CLEC7A	Clec7a	Phagocytosis
CLEC6A	Clec4n	Phagocytosis
TLR2	Tlr2	Phagocytosis
TLR4	Tlr4	Phagocytosis
ITGAM	Itgam	Phagocytosis
ITGB2	Itgb2	Phagocytosis
CLEC12A	Clec12a	Phagocytosis
CLEC4E	Clec4e	Phagocytosis
CLEC9A	Clec9a	Phagocytosis
MSR1	Msr1	Phagocytosis
MARCO	Marco	Phagocytosis
CD36	Cd36	Phagocytosis
CD33	NA	Phagocytosis

SIGLEC1	Siglec1	Phagocytosis
MTOR	Mtor	NET
PRKAR1A	Prkar1a	NET
PRKAR1B	Prkar1b	NET
PRKAR2A	Prkar2a	NET
PRKAR2B	Prkar2b	NET
CXCL2	Cxcl1	NET
HIF1A	Hif1a	NET
CD63	Cd63	Phagocytosis
CEACAM8	Ceacam10	Phagocytosis
CEACAM8	Ceacam2	Phagocytosis
CEACAM8	Ceacam10	Phagocytosis
ACTR2	Actr2	Phagocytosis
WAS	Was	Phagocytosis
WASL	Wipf1	Phagocytosis
WIPF1	Washc1	Phagocytosis
WASHC1	Washc1	Phagocytosis
WASHC4	Washc4	Phagocytosis
WASHC5	Washc5	Phagocytosis
WASHC5C		Phagocytosis
WASHC2A	Washc2	Phagocytosis

WASHC3	Washc3	Phagocytosis
WHAMM	Whamm	Phagocytosis
JMY	Jmy	Phagocytosis
VAV1	Vav1	Phagocytosis
VAV2	Vav2	Phagocytosis
VAV3	Vav3	Phagocytosis
ARF6	Arf6	Phagocytosis
VAMP3	Vamp3	Phagocytosis
CDC42	Cdc42	Phagocytosis
RHO	Rho	Phagocytosis
RAC1	Rac1	Phagocytosis
RAC2	Rac2	Phagocytosis
TRIM23	Trim23	Phagocytosis
ARF1	Arf1	Phagocytosis
ARF3	Arf3	Phagocytosis
ARF4	Arf4	Phagocytosis
ARF5	Arf5	Phagocytosis
ARF6	Arf6	Phagocytosis
ARL1	Arl1	Phagocytosis
ARL2	Arl2	Phagocytosis
ARL3	Arl3	Phagocytosis

ARL4A	Arl4a	Phagocytosis
ARL4C	Arl4c	Phagocytosis
ARL4D	Arl4d	Phagocytosis
ARL5A	Arl5a	Phagocytosis
ARL5B	Arl5b	Phagocytosis
ARL5C	Arl5c	Phagocytosis
ARL6	Arl6	Phagocytosis
ARL8A	Arl8a	Phagocytosis
ARL8B	Arl8b	Phagocytosis
ARL9	Arl9	Phagocytosis
ARL10	Arl10	Phagocytosis
ARL11	Arl11	Phagocytosis
ARL13A	Arl13a	Phagocytosis
ARL13B	Arl13b	Phagocytosis
ARL14	Arl14	Phagocytosis
ARL15	Arl15	Phagocytosis
ARL16	Arl16	Phagocytosis
ARL17A	Arf2	Phagocytosis
ARL17B	Arf2	Phagocytosis
ARFRP1	Arfrp1	Phagocytosis
SAR1A	Sar1a	Phagocytosis

SAR1B	Sar1b	Phagocytosis
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