Supplementary Tables:

Table S1: Neutrophil and monocyte counts of individuals where data was available. Readings outside the reference range (Ref) have been shown in bold.

Parameter		Ref	II-1	III-2	IV-1	IV-2	IV-3	IV-4	V-1
Neutrophils	$x10^9/L$	2.0-7.5	**0.957**	**0.8**	**0.76**	**0.5**	2.45	**1.1**	**0.7**
Monocytes	$x10^9/L$	0-1.0	**1.122**	**2.1**	**1.68**	**1.6**	**1.72**	**1.3**	**1.5**

Table S2: Genes known to be mutated in congenital neutropenia (Skokowa *et al*. 2017).

Autosomal Dominant Inheritance				
ELANE	***GFI1***	*GATA2*	*TCIRG1*	*CXCR4*
CSF3R				
Autosomal Recessive Inheritance				
HAX1	*JAGN1*	*G6PC3*	*SLC37A4*	*SBDS*
STK4	*CLPB*	*AP3B1*	*LAMTOR2*	*USB1*
VPS13B	*VPS45*	*CXCR2*	*EIFAK3*	*LYST*
RAB27A	*AK2*	*RMRP*	*TCN2*	*CSF3R*
X-linked Inheritance				
WAS	*TAZ*	*CD40LG*		

Table S3: Genes known to be mutated in non-syndromic hearing loss (Shearer *et al.*, 2017)**.**

Autosomal Dominant Inheritance				
ACTG1	*CCDC50*	*CD164*	*CEACAM16*	*COCH*
COL11A2	*GSDME*	*DIAPH1*	*DMXL2*	*DSPP*
EYA4	*GJB2*	*GJB3*	*GJB6*	*GRHL2*
HOMER2	*KCNQ4*	*MIR96*	*MCM2*	*MYH14*
MYH9	*MYO1A*	***MYO6***	*MYO7A*	*OSBPL2*
P2RX2	*POU4F3*	*SIX1*	*SLC17A8*	*TBC1D24*
TECTA	*TJP2*	*TMC1*	*WFS1*	
Autosomal Recessive Inheritance				
ADCY1	*BDP1*	*BSND*	*CABP2*	*CDC14A*
CDH23 1	*CIB2*	*CLDN14*	*CLIC5*	*COL11A2*
DCDC2	*PJVK*	*ELMOD3*	*EPS8*	*EPS8L2*
ESPN	*ESRRB*	*GIPC3 2*	*GJB2 3*	*GJB6 3*
GPSM2	*GRXCR1*	*GRXCR2*	*HGF*	*ILDR1*
KARS	*LHFPL5*	*LOXHD1*	*LRTOMT*	*MARVELD2*
MET	*MSRB3*	*MYO15A*	*MYO3A*	*MYO6*
MYO7A 5	*NARS2 6*	*OTOG*	*OTOGL*	*OTOA*
OTOF	*PCDH15*	*PNPT1*	*PTPRQ*	*RDX*
RIPOR2	*ROR1 7*	*S1PR2*	*SERPINB6*	*SLC22A4*
SLC26A4	*SLC26A5*	*STRC*	*SYNE4*	*TECTA*
TBC1D24	*TMC1*	*TMEM132E*	*TMIE*	*TMPRSS3*
TPRN	*TRIOBP*	*TSPEAR*	*USH1C 12*	*WBP2*
WHRN				
X-linked Inheritance				
PRPS1	*POU3F4*	*SMPX*	*AIFM1*	*COL4A6*

Table S4: Computational predictions, variant annotation and classification.

HGNC Symbol	Position (hg19)	Amino Acid/ Nucleotide Change	CADD	GERP	Population Frequency (gnomAD)	ACMG Classification
GFI1	Chr1:92,941,710	p.Asn382Ser/ c.1145A>G NM_005263.5	23.9	4.18	0	Pathogenic
MYO6	Chr6:76,623,866	p.Ile1176Leu/ c.3526A>C NM_004999.4	25.3	5.89	3/277220	Likely pathogenic

Supplemental References:

Shearer, A.E., Hildebrand, M.S., Smith, R.J.H. Hereditary Hearing Loss and Deafness Overview. Adam MP, Ardinger HH, Pagon RA, et al., editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2019. Available from: https://www.ncbi.nlm.nih.gov/books/NBK1434/

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