

Supplementary Table 1: Homozygous variants shared by II.3 and II.4 siblings

Chrom	Start	Ref	Alt	Gene_symbol	CADD_score_scaled	HGVS	GERP_score	Polyphen_pred (Score)	Sift_pred (Score)	GnomAD	
chr5	154278181	GCAT	G	<i>GEMIN5</i>	/	NM_015465.5:c.3162_3164del; (p.Asp1054_Ala1055delinsGlu)	5.76	/	/	/	OMIM #619333
chr8	62412063	G	A	<i>CLVS1</i>	21.8	NM_173519.3,c.190>A (p.Glu64Lys)	5.67	possibly_damaging -0.64	deleterious_low_confidence (0.01)	/	Homozygous missense variant associated with a nephrotic syndrome (<i>Lane et al 2022</i>)
chr11	102646041	C	T	<i>MMP10</i>	15.15	NM_002425.3,c.944C>A (p.Arg315Gln)	3.27	probably_damaging (0.993)	deleterious (0.03)	3hom	Homozygous in gnomAD
chr17	18063314	C	A	<i>MYO15A</i>	14.76	NM_016239.4,c.231C>A (p.Asp77Glu)	3.53	unknown (0.0)	tolerated (0.08)	/	Deafness (OMIM: #600316)
chr11	113619007	T	C	<i>ZWI0</i>	13.69	NM_004724.4,c.1061T>G (p.Asn354Ser)	3.46	benign (0.015)	tolerated (0.14)	3hom	Homozygous in gnomAD
chr17	37866651	C	T	<i>ERBB2</i>	13.01	NM_001289938.2 (p.Thr243Ile)	2.41	benign (0.002)	tolerated (0.98)	/	Low prediction scores
chr17	37824780	C	A	<i>PNMT</i>	9.43	NM_002686.4 (p.Pro18Thr)	0.63	benign (0.005)	tolerated (0.2)	/	Low prediction scores
chr19	55255448	C	A	<i>KIR2DL3</i>	6.87	NM_015868.3,c.576G>A (p.His192Gln)	-1.45	benign (0.008)	tolerated (0.14)	/	Low prediction scores
chr2	114257555	T	C	<i>FOXD4LI</i>	6.7	NM_012184.5,c.722G>C (p.Leu241Pro)	2.56	benign (0.0)	tolerated (1.0)	960hom	Homozygous in gnomAD
chr16	57092050	G	T	<i>NLRCS</i>	5.87	NM_001384972.1,c.2248G>T (p.Gly750Cys)	3.73	probably_damaging (0.984)	tolerated (0.56)	/	Low prediction scores
chr17	37985633	G	A	<i>IKZF3</i>	5.61	NM_001284514.2,c.163+7G>T	-0.32	spliceAI=0	MaxEntScanDiff=/	/	Low prediction scores
chr1	33430102	T	G	<i>RNF19B</i>	5.37	NM_153341.4,c.185T>C (p.Gln62Pro)	0.3	unknown(0.0)	tolerated_low_confidence (0.28)	12057homo	Homozygous in gnomAD
chr2	113482965	C	T	<i>NT5DC4</i>	4.36	NM_001393655.1,c.893G>T (p.Ser298Leu)	1.62	benign (0.15)	tolerated (0.1)	/	Low prediction scores

chr17	17062002	C	T	<i>MPRIP</i>	1.42	NM_015134.4 (p.Pro578Ser)	0.73	benign (0.001)	tolerated (0.47)	5Homo	Homozygous in gnomAD
chr2	114257369	C	A	<i>FOXD4L1</i>	0.1	NM_012184.5 (p.Thr179Asn)	1.34	benign (0.002)	tolerated (1.0)	136hom	Homozygous in gnomAD
chr22	21902082	A	G	<i>RIMBP3C</i>	0.03	NM_001128633.2,c.2902T>C(p.Trp968Arg)	-2.96	benign (0.43)	tolerated (0.28)	/	Low prediction scores