

ELECTRONIC SUPPLEMENTARY MATERIAL

International Neonatal diabetes consortium:

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Supplement table 1: demography and detailed genotype of the cohort

Patient	Country	Consanguinity	Gender	<i>SLC19A2</i> mutation (Novel mutations in bold)			
				Exon	Mutation type	Mutation name	Nucleotide change
1.1	Pakistan	Yes	Male	1	Missense	p.L64P/p.L64P	c.191T>C/c.191T>C
1.2	Pakistan	Yes	Female	1	Missense	p.L64P/p.L64P	c.191T>C/c.191T>C
1.3	Pakistan	Yes	Male	1	Missense	p.L64P/p.L64P	c.191T>C/c.191T>C
2.1	Pakistan	Yes	Female	1	Nonsense	p.W30X/p.W30X	c.89G>A/c.89G>A
3.1 [16]	England	Yes	Female	1	Nonsense	p.E66X/p.E66X	c.196G>T/c.196G>T
4.1	India	No	Female	1	Nonsense	p.E66X/p.E66X	c.196G>T/c.196G>T
5.1 [16]	Germany / Kurdi Iraq	Yes	Male	2	Nonsense	p.Y79X/p.Y79X	c.237C>A/c.237C>A
6.1 [20]	Italy	No	Female	2/6	Nonsense	p.Y81X/p.L457X	c.242dup/c.1370del
6.2 [20]	Italy	No	Female	2/6	Nonsense	p.Y81X/p.L457X	c.242dup/c.1370del
7.1	Argentina	No	Female	2	Missense	p.A91P/p.A91P	c.271G>C/c.271G>C
8.1	India	Yes	Female	2	Missense	p.G105E/p.G105E	c.314G>A/c.314G>A
9.1 [16]	Sudan	Yes	Male	2	Frameshift	p.I109fs/p.I109fs	c.327_334del/c.327_334del
10.1	Sudan	Yes	Female	2	Frameshift	p.I109fs/p.I109fs	c.327_334del/c.327_334del
10.2	Sudan	Yes	Female	2	Frameshift	p.I109fs/p.I109fs	c.327_334del/c.327_334del
11.1 {Mikstiene, 2015 #293}	Saudi Arabia	Yes	Female	2	Missense	p.S143F/p.S143F	c.428C>T/c.428C>T
12.1	France	No	Female	2	Missense	p.S143F/p.S143F	c.428C>T/c.428C>T
13.1	Canada	No	Male	2	Frameshift	p.G152X/p.G152X	c.454_458delGGCATinsTA/c.454_458delGGCATinsTA
14.1	Honduras	No	Male	2	Missense	p.G172D/p/G172D	c.515G>A/c.515G>A
15.1	Turkey	Yes	Male	2	Frameshift	p.S214fs/p.S214fs	c.641del/c.641del
16.1 [26]	England/iran	Yes	Female	2	Nonsense	p.Q233X/p.Q233X	c.697C>T/c.697C>T
17.1 [26]	England/iran	No	Male	2	Nonsense	p.Q233X/p.Q233X	c.697C>T/c.697C>T
17.2 [26]	England/iran	No	Female	2	Nonsense	p.Q233X/p.Q233X	c.697C>T/c.697C>T

18.1 [26]	England/ Iran	Yes	Male	2	Nonsense	p.Q233X/p.Q233X	c.697C>T/c.697C>T
19.1	Honduras	No	Female	2	Nonsense	p.E254X/p.E254X	c.759dupT/c.759dupT
20.1	KSA	Yes	Female	3	Nonsense	p.W302X/p.W302X	c.905G>A/c.905G>A
21.1	England	No	Male	3	Missense	p.W320G/p.W320G	c.958T>G/c.958T>G
22.1	Bulgaria	No	Female	3	Frameshift	p.N333fs/p.N333fs	c.993_996dup/c.993_996dup
23.1	Czech Republic	No	Female	1/3	Splicing/Missense	p.*/p.G334D	c.204+2T>G/c.1001G>A
24.1 [16]	Czech Republic	No	Female	3/4	Missense/ Frameshift	p.G334D/p.V383fs	c.1001G>A; c.1148_1149del
25.1 [22]	India	Not confirmed	Female	3	In-frame deletion	p.G335del/p.G335del	c.1002_1004del/c.1002_1004del
26.1	Guatemala	Not confirmed	Female	4	Frameshift	p.M401fs/p.M401fs	c.1201_1202del/c.1201_1202del
27.1	Egypt	Yes	Male	4	Nonsense	p.W387x/p.W387x	c.1160G>A/c.1160G>A.