

**Supplementary Table 4:** Summary of the mutation detection of *NELL1*. All 21 exons plus the promoter were resequenced in 47 unrelated Crohn disease patients. Five not yet annotated polymorphisms were identified, including the two nonsynonymous SNPs *NELL1\_02* and *NELL1\_03*. Twenty-six annotated SNPs were verified.

#	SNP ID	position (build 35)	SNP type	sequence
1	NELL1_01	20647024	Promoter	CTGCCCTGCAGAATGAGAAGGTTTGCAAATAGACTTCCCAAACCCCAACCAC AGCTCGCTCCGCCTCGAGGACCCCTTTTCTGCACCCACCTCAGCGC[C/A]C TCTTCTGCACCCACAAAGAGAGTACTCAGTCATAGGGGTTCAACAGGAGAG AGGAGACAGAAGGTACAGGCGGTGAGCAGGGACTCAGCCATCATCCC
2	NELL1_02	20825777	nonsynonymous R→S	AAACAAATGTTTGTTCCTTTACATACAGCTATTTGAACTGGAGAGCAGTGG CCTGAGGGATGAGATTCGGTATCACTACATACACAATGGGAAGCCAAG[G/C] ACAGAGGCACTTCCTTACCGCATGGCAGATGGACAATGGCACAAGGTTGCAC TGTCAGTTAGCGCCTCTCATCTCCTGCTCCATGTCGACTGTAACAGGT
3	NELL1_03	20825826	nonsynonymous A→T	TGGCCTGAGGGATGAGATTCGGTATCACTACATACACAATGGGAAGCCAAG GACAGAGGCACTTCCTTACCGCATGGCAGATGGACAATGGCACAAGGTT[G/ A]CACTGTCAGTTAGCGCCTCTCATCTCCTGCTCCATGTCGACTGTAACAGGT ATTTCTTTGTCTTTGAGTGTGCTGATTCTGCCCTGAAATCAAGCAAT
4	NELL1_04	21538300	Intronic	AGCACAAGGTAAATGGTCGATGATGTTAGTTAATGCTACTGCAAATGATGGT TGTTTGTCTCTAAGTTCCTTGGCTAGATTCTAAGCTTCTGTGCTTC[C/A]TA TATTGCAGACATTGATGAATGTGCCTTAAGAACTCACACCTGTTGGAACGAT TCTGCCTGCATCAACCTGGCAGGGGGCTTTGACTGTCTCTGCCCT
5	NELL1_05	20647336	Promoter	ATACCCACCCGCGAGGGCTCGGCGGCTTTTCGACTCGGCGGGGATGAACTGT GGCAAATTCGGCAGCCCCACCGCGGTGCGGAAGTAAAGAGGGCAACA[T/C] TGCGGACTGCGGCTCGGAGGGGCTGGAGCGCGTGAAGCCGTGGGGGGCGCCG TGCGCCTCCCGCTCTCTCGTTTCGGCCGAGGTCCTGGGACTCCGACTT
6	rs1715283	20646687	Promoter	-
7	rs3808993	20646953	Promoter	-
8	rs1793003	20655970	Intronic	-
9	rs2280362	20761694	Intronic	-
10	rs8176785	20761862	nonsynonymous R→Q	-
11	rs2280363	20761911	synonymous	-
12	rs3740874	20896231	Intronic	-
13	rs1429785	20897351	Intronic	-
14	rs2293241	20905691	Intronic	-

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15	rs1880088	20915761	Intronic	-
16	rs8176786	20915970	nonsynonymous	-
			R→W	
17	rs1880087	20916005	Intronic	-
18	rs8176791	20916041	Intronic	-
19	rs1880086	20916058	Intronic	-
20	rs8176796	20925428	Intronic	-
21	rs2280584	20938470	Intronic	-
22	rs3758810	21091662	Intronic	-
23	rs1670638	21207776	Intronic	-
24	rs8176792	21349039	synonymous	-
25	rs4151056	21349063	synonymous	-
26	rs7119525	21538074	Intronic	-
27	rs7119475	21538241	Intronic	-
28	rs8176789	21538381	synonymous	-
29	rs8176790	21538573	Intronic	-
30	rs4922847	21548804	Intronic	-
31	rs8176793	21549083	Intronic	-

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