

The American Journal of Human Genetics, Volume 89

Supplemental Data

**Recessive Mutations in *POLR3B*,
Encoding the Second Largest Subunit of Pol III,
Cause a Rare Hypomyelinating Leukodystrophy**

Martine Tétreault, Karine Choquet, Simona Orcesi, Davide Tonduti, Umberto Balottin, Martin Teichmann, Sébastien Fribourg, Raphael Schiffmann, Bernard Brais, Adeline Vanderver, and Geneviève Bernard

Table S1. *POLR3B* primers

NAME	EXON(S)	PRIMER	PRODUCT SIZE (pb)
<i>POLR3B</i> _EX1-F	1	GTCTTGCAGTTTGCTTGGTG	345
<i>POLR3B</i> _EX1-R		TCTGGGATCAGCCTTCACTC	
<i>POLR3B</i> _EX2-F	2	AATAACTTATGAAAGTACTGTTGCTGG	222
<i>POLR3B</i> _EX2-R		TTCCAAACACAGCTATACAAAATC	
<i>POLR3B</i> _EX3-4-F	3 - 4	CGAGGATATGCTAGTAAGACGATG	602
<i>POLR3B</i> _EX3-4-R		TCTTGACCCCAGGTGATTG	
<i>POLR3B</i> _EX5-6-F	5 - 6	TTCCCTCCTTTGTAAAGCTATATG	762
<i>POLR3B</i> _EX5-6-R		AACCACGACTATGTGCTGGAC	
<i>POLR3B</i> _EX7-F	7	TGCAGCTTTTATCATTGACAGC	224
<i>POLR3B</i> _EX7-R		AAATGTTAAAACCACAGCAGC	
<i>POLR3B</i> _EX8-F	8	TGCCATTACTAAATCAACACTGG	258
<i>POLR3B</i> _EX8-R		GTATTGAAACATAGCCATTTAGGAC	
<i>POLR3B</i> _EX9-F	9	CTTATTAGAAAGACCTTGTGATTG	336
<i>POLR3B</i> _EX9-R		TCCAAGAATTCCTTACCCTCC	
<i>POLR3B</i> _EX10-F	10	AGCATAAGCAAATGTCAGTGAG	253
<i>POLR3B</i> _EX10-R		TCAATGAGCAGCATTAAAGTCTC	
<i>POLR3B</i> _EX11-F	11	ACATGTGGTTAGGTGCTTGC	297
<i>POLR3B</i> _EX11-R		TCTTGAGGAATTGGACTTTAATAAG	
<i>POLR3B</i> _EX12-F	12	ACTAGTTGAATTTATTTGAATGGAGAG	388
<i>POLR3B</i> _EX12-R		TCAAACCTGCAAATATATTTTCATTC	
<i>POLR3B</i> _EX13-F	13	TTTTCTGTTTTAAGCAGTTTCTCC	375
<i>POLR3B</i> _EX13-R		TCACCTGGATTCTCAAAGTGC	
<i>POLR3B</i> _EX14-F	14	ACCGCACGGTATCAGACAAC	330
<i>POLR3B</i> _EX14-R		CACCCCATGCACAGACATAG	
<i>POLR3B</i> _EX15-F	15	TGCTTTGCATTGCTGCC	336
<i>POLR3B</i> _EX15-R		GATAATAATGGATTCCCTCCCC	
<i>POLR3B</i> _REDOEX15-F	15	TGAAGAGAAATTCCTGAGTT	621
<i>POLR3B</i> _REDOEX15-R		TATGCCAGCAACTGCAAAAG	
<i>POLR3B</i> _EX16-F	16	GGTGGATATTAATCAAGTTGTC	344
<i>POLR3B</i> _EX16-R		AAATTTATCTTCACAATGAAAGAGG	
<i>POLR3B</i> _EX17-F	17	CTCAGCAATCCAGGAATAGG	314
<i>POLR3B</i> _EX17-R		ACAGGCTGGTAATTTGGTGG	
<i>POLR3B</i> _EX18-F	18	GCTTTGGGCCTAAACGAAAG	300
<i>POLR3B</i> _EX18-R		TCAAAAGAGTAAAAGATAGAAGGACTG	
<i>POLR3B</i> _EX19-F	19	GACATATAAATCCCTGGAGGACC	353
<i>POLR3B</i> _EX19-R		GTTCCAGTGCCTGGTTG	
<i>POLR3B</i> _EX20-F	20	GAAATGTTGAACCTGAAGATTTG	484
<i>POLR3B</i> _EX20-R		ATCAAAACCCAACCCTCC	
<i>POLR3B</i> _EX21-F	21	AGAAGTTTTGGGATTTGGGG	400
<i>POLR3B</i> _EX21-R		TTGGATGGTGGTTTTATAGGTTG	
<i>POLR3B</i> _EX22-F	22	GTGCATCTTGCCTAGTTCCG	284
<i>POLR3B</i> _EX22-R		CACGCCAAGACCTAACTTCG	
<i>POLR3B</i> _EX23-F	23	TGGGTGAGAAGTTCACAAAGG	412
<i>POLR3B</i> _EX23-R		CAGCATAGAGGAGCAAGTCTACC	
<i>POLR3B</i> _EX24-F	24	AAGTACTGTATTCTTCTTTCTGCC	228
<i>POLR3B</i> _EX24-R		AAACTAACTGCCTGCTTCTTCC	
<i>POLR3B</i> _EX25-F	25	AAGCAGAGAGAGTGCTTGTGC	299
<i>POLR3B</i> _EX25-R		CCTTAAGGCTTTGTCTCCCC	
<i>POLR3B</i> _EX26-F	26	ATGGGTCCAAAGGCTGTCTC	247
<i>POLR3B</i> _EX26-R		GGAAAATACAAGGTGGACTTGAC	
<i>POLR3B</i> _EX27-F	27	CTGCCAGCATGTGATGCTAC	306
<i>POLR3B</i> _EX27-R		GAGCTGTGATTTAAGAGGCAAG	
<i>POLR3B</i> _EX28-F	28	TACGTGGAGGCCTTTGTTC	260
<i>POLR3B</i> _EX28-R		TAAATCCCTTCTGCTTCCG	

Legend: This Table lists all primers used to sequence the 28 exons of *POLR3B*.

Abbreviations used: bp: base pairs, EX: exon, F: forward, R: reverse.