

Supplementary Table SIII Exon-intron boundaries of the human *NMS* gene

Exon number	Exon size	Sequence at exon/intron junction		Intron size
		5'-splice donor	3'-splice acceptor	
1	N.D.	CCTCCTCAGgtaaggg roSerSerG	acaatagGATTTCTC lyPheProG	2230 bp
2	56 bp	CAGCTTGAGgtaccca GlnLeuGlu	tttttagCAGCTGGCA GlnLeuAla	638 bp
3	51 bp	CAACCTAAGgtaaaaa GlnProLys	tttccagGATAATCAA AspAsnGln	3704 kb
4	24 bp	TACAAAAGGgtgagta TyrLysArg	tatttagTTTTTGTTT PheLeuPhe	93 bp
5	54 bp	AAAACCTGGGgtcagta LysTheGly	gttgcagTTTCCTCCA PheProPro	1938 bp
6	75 bp	CTGCAGCGAgtacgtg LeuGlnArg	cttgcagGGCTCGGGG GlySerGly	1068 bp
7	36 bp	ACCAAGAAGgtacaca TheLysLys	gttgcagGATCACACT AspHisThr	594 bp
8	42 bp	CTTTTCAGGgtatagc LeuPheArg	ttttcagCCCAGGAAT ProArgAsn	1109 bp
9	35 bp	TGAGGCCCAgtaggta pGluAlaGl	tttttagGATTCAGTG nIleGlnTr	940 bp
10	N.D.	N.D.		

The exon and intron sequences are shown in uppercase and lowercase letters, respectively. The genomic sequence of the *NMS* gene was identified in one genomic contig of human chromosome 2 (RefSeq accession number NT_086620). N.D., not determined.