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Abbreviations and Symbols

bp	=	base pair (s)
cm	=	centimeter
°C	=	degree Celsius
CGG repeat	=	cytosine-guanine-guanine repeat
CNS	=	central nervous system
CpG	=	cytosine preceding guanine
DNA	=	deoxyribonucleic acid
DNMT	=	DNA methyltransferase
DMSO	=	dimethylsulfoxide
DTT	=	dithiothreitol
dATP	=	deoxyadenosine-5'-triphosphate
dCTP	=	deoxycytidine-5'-triphosphate
dGTP	=	deoxyguanosine-5'-triphosphate
dTTP	=	deoxythymidine-5'-triphosphate
dNTPs	=	dATP+ dCTP+ dGTP+ dTTP
EDTA	=	ethylenediamine tetraacetic acid
et al.	=	et alii (Latin) and others
FM	=	full mutation
<i>FMR1</i>	=	<i>fragile X mental retardation 1</i>
FMRP	=	fragile X mental retardation protein
FXS	=	fragile X syndrome
i.e.	=	id est, for example

Abbreviations and Symbols (Continue)

IQ	=	intelligence quotient
Kb	=	kilobasepair (s)
M	=	molar
mA	=	milli ampere
mg	=	milligram
min	=	minute (s)
ml	=	milliliter
mM	=	millimolar
mm	=	millimeter
mRNA	=	messenger RNA
μg	=	microgram
μl	=	microliter
MP	=	methylated <i>FMR1</i> promoter product
MS-PCR	=	methylation specific PCR
MX	=	methylated <i>XIST</i> promoter product
PCR	=	polymerase chain reaction
PM	=	premutation
RNA	=	ribonucleic acid
rpm	=	revolution per minute
RT-PCR	=	reverse transcriptase PCR
sec	=	second (s)
SDS	=	sodium dodecyl sulfate

Abbreviations and Symbols (Continue)

TEMED	=	N, N, N', N'-tetramethyl-ethylenediamine
Tris-HCl	=	Tris-(hydroxymethyl)-aminoethane hydrochloric acid
U	=	unit (s)
UP	=	unmethylated <i>FMR1</i> promoter product
UV	=	ultraviolet
UX	=	unmethylated <i>XIST</i> promoter product
v/v	=	volume by volume
w/v	=	weight by volume
<i>XIST</i>	=	<i>X-inactivation specific transcript</i>