

Abbreviations and nomenclature

Abbreviations

aa	Amino acid
ACTH	Adrenocorticotrophic hormone
ALS	Amyotrophic lateral sclerosis
ANOVA	ANalysis Of Variance between groups
BLAST	Basic local alignment search tool
bp	Base pairs
ChIP	Chromatin immunoprecipitation
CXXC	Cysteine rich domain
DAPI	4',6-Diamidino-2-phenylindole
DMEM	Dulbecco's modified eagle medium
DNMT	DNA methyl transferase
DPBS	Dulbecco's phosphate buffered saline
EBV	Eppstein-Barr virus
FASTA	Fast-All (sequence alignment algorithm)
FBS	Fetal bovine serum
FITC	Fluorescein-Isothiocyanat
GR	Glucocorticoid receptor
GRE	Glucocorticoid responsive element
h	Hours
HDAC	Histone deacetylase
HMM	Hidden markov model
IQ	Intelligence quotient
kb	Kilo base
LC	Low complexity
lof	Loss of function
m ⁵ CpG	CpG pair symmetrically methylated at the 5' position of the cytosine
MBD1	Methyl-CpG binding domain protein 1
MBD2	Methyl-CpG binding domain protein 2
MBD3	Methyl-CpG binding domain protein 3
MBD4	Methyl-CpG binding domain protein 4
MBD5	Methyl-CpG binding domain protein 5; formerly KIAA1461 protein
MBD6	Methyl-CpG binding domain protein 5; formerly KIAA1462 protein
MECP2	Methyl-CpG binding protein 2
MECP2e1	MeCP2 isoform starting at exon 1
MECP2e2	MeCP2 isoform starting at exon 2

min	Minutes
MR	Mental retardation
MSI	Microsatellite instability
NLS	Nuclear localization signal
nt	Nucleotide
P/S	Penicillin and streptomycin
PCR	Polymerase chain reaction
PIC	Pre-initiation complex
PMSF	Phenylmethanesulfonyl fluoride
Pol II	RNA polymerase II
Pomc	Pro-opiomelanocortin
PSV	Preserved speech variant (of Rett syndrome)
RT	Room temperature
RTT	Rett syndrome
SDS	Sodium dodecyl sulfate
sec	Seconds
TBP	TATA binding protein
TFIIB	Transcription factor II B
TRD	Transcription repression domain
wt	Wild-type
WWBR	WW domain binding region
XLMR	X-linked mental retardation

Nomenclature

The nomenclature proposed by the human genome organization (HUGO) was applied.