

List of Abbreviations

AAIDD	American Association on Intellectual and Developmental Disabilities
ADHD	Attention-deficit Hyperactivity Disorder
APA	American Psychiatry Association
APGAR	Appearance, Pulse, Grimace, Activity, Respiration
ASD	Atrial Septal Defect
bp	base pairs
bphs	bands per haploid set
CBS	Center for Biological Sequence analysis
CDC	Centers for Disease Control and Prevention
CGH	Comparative Genomic Hybridization
CNS	Central Nervous System
CMA	Chromosome Microarray
CT	Computerized Tomography
C_t	Threshold cycle
DAPI	4',6-diamidino-2-phenylindole
DMSO	Dimethyl Sulfoxide
DNA	Deoxyribo Nucleic Acid
dNTP	Deoxy Nucleotide Triphosphate
DQ	Developmental Quotient
DSM	Diagnostic and Statistical Manual of Mental Disorders
EDTA	Ethylenediaminetetraacetic acid
EEG	Electroencephalography
FAS	Fetal Alcohol Syndrome
FBS	Fetal Bovine Serum
FISH	Fluorescence <i>in situ</i> Hybridization
FXS	Fragile X Syndrome
GCBS	Gesell Children's Behavior Schedule

GDD	Global Developmental Delay
GTG	G-banding with Trypsin and Giemsa
HBSS	Hank's Balanced Salt Solution
HRB	High Resolution Banding
ICD	International Classification of Diseases
ICF	International Classification of Functioning, Disability and Health
ID	Intellectual Disability
IEC	Institutional Ethics Committee
IQ	Intelligence Quotient
IUGR	Intra-uterine Growth Retardation
kb	kilo base pairs
MAPH	Multiplex Amplifiable Probe Hybridization
Mb	Mega base pairs
MLPA	Multiplex Ligation-dependent Probe Amplification
MRI	Magnetic Resonance Imaging
NCBI	National Center for Biotechnology Information
NGS	Next Generation Sequencing
NTD	Neural Tube Defect
OMIM	Online Mendelian Inheritance in Man
PBL	Peripheral Blood Lymphocytes
PBS	Phosphate Buffered Saline
PCR	Polymerase Chain Reaction
PHA	Phytohemagglutinin
PRINS	Primed <i>in situ</i> Labeling
PWS	Prader-Willi Syndrome
qPCR	Quantitative Polymerase Chain Reaction
QMPSF	Quantitative Multiplex PCR of Short Fluorescent fragments
RPMI	Roswell Park Memorial Institute
SSC	Saline Sodium Citrate
TAE	Tris-Acetic acid-EDTA
UCSC	University of California, Santa Cruz
VABS	Vineland Adaptive Behavior Scale
WBS	Williams-Beuren Syndrome

WHO World Health Organization
WHS Wolf-Hirschhorn Syndrome
WHSCR Wolf-Hirschhorn Syndrome Critical Region