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## LIST OF ABBREVIATIONS

PSCs	=	Pluripotent stem cells
ESCs	=	Embryonic stem cells
EpiSCs	=	Epiblast stem cells
iPSCs	=	Induced pluripotent stem cells
NHPs	=	non-human primates
ICM	=	Inner cell mass
IR	=	Infrared
FTIR	=	Fourier transform infrared
mESCs	=	Mouse embryonic stem cells
hESCs	=	Human embryonic stem cells
rhESCs	=	Rhesus macaque embryonic stem cells
IVF	=	<i>in vitro</i> fertilization
ICSI	=	Intracytoplasmic sperm injection
HIV	=	Human immunodeficiency virus
AIDS	=	acquired immunodeficiency syndrome
SIV	=	Simian immunodeficiency virus
ICC	=	Immunocytochemistry
RNA-seq	=	RNA sequencing
NGS	=	Next generation sequencing
cDNA	=	Complementary DNA
mRNA	=	messenger RNA
rRNA	=	ribosomal RNA
qPCR	=	Quantitative PCR
RT-PCR	=	Reverse transcription polymerase chain reaction
SNVs	=	Single nucleotide variants
OPD	=	Optical path difference
ATR	=	Attenuated total reflection
HCA	=	Hierarchical cluster analysis
DTGS	=	Deuterated triglycine sulfite
MCT	=	Mercuric cadmium telluride
FPA	=	Focal plane array
PCA	=	Principal component analysis

**LIST OF ABBREVIATIONS (Continued)**

EMSC	=	Extended multiplicative signal correction
LDA	=	Linear discriminant analysis
PLS-DA	=	Partial least squares-discriminant analysis
ANN	=	Artificial neural networks
MEFs	=	Mouse embryonic fibroblasts
CM	=	Conditioned medium
FGF2	=	Fibroblast growth factor 2
KOSR	=	Knock out serum replacement
P	=	Passage
BaF2	=	Barium fluoride
ml	=	Milliliter
mM	=	Millimolar
mm	=	Millimeter
ng	=	Nanogram
rpm	=	Revolutions per minute
$\mu$ l	=	Microliter
$\mu$ g/ml	=	Microgram per milliliter
$\mu$ m	=	Micrometer