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List of Abbreviations

LIST OF ABBREVIATIONS

CC	–	Cervical cancer
LMICs	–	Low- and middle-income countries
HICs	–	High income countries
HPV	–	Human Papilloma Virus
GAVI	–	Global Alliance for Vaccines and Immunization
NGS	–	Next Generation Sequencing
WES	–	Whole Exome Sequencing
SCC	–	Squamous cell cervical cancer
AC	–	Adenocarcinoma
SNVs	–	single-nucleotide variations
nsSNPs	–	Nonsynonymous single nucleotide polymorphisms
DNA	–	Deoxyribonucleic acid
GC	–	Guanine-Cytosine
SIFT	–	Sorting Intolerant From Tolerant
LRT	–	Likelihood Ratio Test
FATHMM	–	Functional Analysis Through Hidden Markov Models
RadialSVM	–	Radial Support Vector Machine
LR	–	Logistic Regression
FIGO	–	International Federation of Gynecology and Obstetrics
STDs	–	Sexually Transmitted Diseases
ICBT	–	Intracavitary Brachytherapy
EBRT	–	External Beam RadiotherapyCT - computed tomography
3D-CRT	–	Three-Dimensional Conformal Radiation Therapy

IMRT	–	Intensity-modulated radiotherapy
RT	–	Radiotherapy
CINs	–	Cervical Intraepithelial Neoplasias
LSIL	–	Low-Grade Squamous Intraepithelial Lesion
HSIL	–	High-Grade Squamous Intraepithelial Lesion
RPPA	–	Reverse phase protein array
LBC	–	Liquid-based cytology
PCR	–	Polymerase Chain Reaction
CRISPR	–	Clustered Regularly Interspaced Short Palindromic Repeats
SAM	–	Sequence Alignment Map
BAM	–	Binary Alignment Map
BWA	–	Burrows-Wheeler Aligner
VCF	–	Variant Call Format
UTR	–	Untranslated region
COSMIC	–	Catalogue of Somatic Mutations in Cancer
GO	–	Gene Ontology
PPI	–	Protein-Protein Interaction
TCGA	–	The Cancer Genome Atlas
UALCAN	–	University of ALabama at Birmingham Cancer data analysis
KEGG	–	Kyoto Encyclopaedia of Genes and Genomes