

Abbreviations of Terms

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Developed by

International Seed Health Initiative (ISHI) of the International Seed Federation (ISF)

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ABBREVIATIONS OF TERMS AND ITS PURPOSE

The following abbreviations of terms document has been developed to facilitate the comprehension of the main abbreviations used within the International Seed Health Initiative (ISHI).

DISCLAIMER

The present Abbreviations of Terms is a “living document” subject to periodic review and updates based on the work of the International Seed Health Initiative and in accordance with international organisations.

Terms	Full term in ISHI*
BBPR	Bean, Brassica, Pea and Radish
BLAST	Basic Local Alignment Search Tool
BPs	Best Practices
C	Cytosine
CCL	ITG Chairs and Country Leads
cDNA	Complementary or copy DeoxyriboNucleic Acid
CFU	Colony Forming Unit
CG SH	Coordination Group Seed Health
COR	Crude Odd Ratio
CT	Comparative Test
Ct	Cycle threshold
Cq	Quantification Cycle
DNA	DeoxyriboNucleic Acid
ELISA	Enzyme-Linked ImmunoSorbent Assay
G	Guanine
HTS	High Throughput Sequencing (synonym to NGS)
HR	Hypersensitive reaction
IAC	Internal Amplification Control
IC	Inhibition Control
ISF	International Seed Federation
ISHI	International Seed Health Initiative
ISHI-Veg	ISHI for Vegetable crops
ISTA	International Seed Testing Association
ITG	International Technical Group
LAL	Look-ALike
LNA	Locked Nucleic Acid
LOD	Limit Of Detection
MGB	Minor Groove Binder
MUA	Material Use Agreement
MV	Method Validation
MVT	Method Validation Team
NAC	Negative Amplification Control
NBC	Negative Buffer Control
NC	Negative Control
NGS	Next Generation Sequencing (synonym to HTS, which is the preferred term)
NPC	Negative Process Control
NSHS	National Seed Health System
NTC	Non-Target Control
OD	Optical Density
PAC	Positive Amplification Control
PC	Positive Control
PCR	Polymerase Chain Reaction
PPC	Positive Process Control
PT	Proficiency Test
QC	Quality Control

Terms	Full term in ISHI*
qPCR	real-time PCR
RBLV	Root, Bulb and Leafy Vegetables
RH	Relative Humidity
RNA	RiboNucleic Acid
RPLI	Regulated Pest List Initiative
RT	Reverse Transcription
RT-qPCR	Reverse Transcriptase qPCR
SE-qPCR	Seed Extract-real-time PCR
S:N	Signal over Noise ratio
SNP	Single Nucleotide Polymorphism
ssDNA	Single stranded DNA
Ta	Annealing temperature
TG	Technical group
Tm	Melting temperature
TMs	Technical managers
TPE	Tomato, Pepper, and Eggplant
TSW	Thousand Seed Weight

*: Abbreviations for pest names can be found in the [RPLI database](#).



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