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Abbreviations

A:	adenosine
ACA:	acetamidocinnamic acid
ACL:	α -amino- ϵ -aprolactam
ADH:	alcohol dehydrogenase
ADI:	acceptable daily intake
ADP:	adenosine 5'-diphosphate
Ala:	alanine
Arg:	arginine
AMP:	adenosine 5'-monophosphate
ATC:	D,L-2-amino-D ² -thiazoline-4-carboxylic acid
ATP:	adenosine 5'-triphosphate
C:	cytidine
cDNA:	copy DNA
CL:	citrate lyase
CMP:	cytidine 5'-monophosphate
CoA:	coenzyme A
CS:	citrate synthetase
CTP:	cytidine 5'-triphosphate
d:	deoxy
<i>dam</i> :	gene locus for <i>E. coli</i> DNA adenine methylase (N ⁶ -methyladenine)
<i>dcmI</i> :	gene locus for <i>E. coli</i> DNA cytosine methylase(5-methylcytosine)
dd:	dideoxy
ddNTP:	dideoxynucleoside 5'-triphosphate
DE:	dextrose equivalent
DEAE:	diethylaminoethyl
DNA:	deoxyribonucleic acid
DNase:	deoxyribonuclease
dNTP:	deoxynucleoside 5'-triphosphate
DOPA:	3-(3,4-dihydroxyphenylalanine) [3-hydroxy-L-tyrosine]
dpm:	decays per minute
ds:	double-stranded

E.C.:	Enzyme Commission
F6P:	fructose 6-phosphate
FAN:	free alpha amino nitrogen, i.e., a measure of peptides/amino acids available for yeast to be used as nutrient
fMet:	N-formylmethionine
FMN:	flavin mononucleotide
FMNH ₂ :	flavin mononucleotide, reduced
G:	guanosine
GDP:	guanosine 5'-diphosphate
Glu:	glutamic acid
Gly:	glycine
GMP:	guanosine 5'-monophosphate
GOD:	glucose oxidase
GOT:	glutamate oxaloacetate transaminase
G6P:	glucose 6-phosphate
GPT:	glutamate pyruvate transaminase
GTP:	guanosine 5'-triphosphate
3-HBDH:	3-hydroxybutyrate dehydrogenase
HFCS:	high-fructose corn syrup
<i>hsdM</i> :	<i>E. coli</i> gene locus for methylation
<i>hsdR</i> :	<i>E. coli</i> gene locus for restriction
<i>hsdS</i> :	<i>E. coli</i> gene locus for sequence specificity
IDP:	inosine 5'-diphosphate
Ile:	isoleucine
INT:	iodonitrotetrazolium chloride
ITP:	inosine 5'-triphosphate
LDH:	lactate dehydrogenase
Lys:	lysine
m(superscript):	methylated
MDH:	malate dehydrogenase
Met:	methionine
M6P:	mannose 6-phosphate
mRNA:	messenger RNA
MTT:	3-(4,5-dimethylthiazolyl-2)-2,5-diphenyltetrazolium bromide
N:	any nucleotide
NAD:	nicotinamide – adenine dinucleotide
NADH:	nicotinamide – adenine dinucleotide, reduced
NADP:	nicotinamide – adenine dinucleotide phosphate

NADPH: nicotinamide – adenine dinucleotide phosphate, reduced
 NMN: nicotinamide mononucleotide
 NTP: nucleoside 5'-triphosphate

p: phosphate groups
³²P: phosphate groups containing ³²P phosphorus atoms
 p_i: inorganic phosphate
 °P: degree Plato; i.e., sugar content equivalent to 1 % sucrose by weight
 PEP: phosphoenolpyruvate
 6-PGDH: 6-phosphogluconate dehydrogenase
 Phe: phenylalanine
 PMS: 5-methylphenazinium methyl sulfate
 poly(dA): poly(deoxyadenosine 5'-monophosphate)
 ppi: inorganic pyrophosphate
 Pro: proline
 PRPP: phosphoribosyl pyrophosphate
 Pu: purine
 Py: pyrimidine

r: ribo
 RNA: ribonucleic acid
 RNase: ribonuclease

SAM: S-adenosylmethionine
 SMHT: serine hydroxymethyltransferase
 ss: single-stranded

T: thymidine
 TMP: thymidine 5'-monophosphate
 tRNA: transfer RNA
 TTP: thymidine 5'-triphosphate

U: uridine
 UMP: uridine 5'-monophosphate
 UTP: uridine 5'-triphosphate

Val: valine

Plasmids:

pBR322
 pBR328
 pSM1
 pSP64
 pSP65
 pSPT18, pSPT19

pT7-1, pT7-2
pUC 18, pUC 19
pUR222

Bacteriophages:

fd
ghl
M13
N4
PBS1
PBS2
SPO1
SP6
SP15
T3
T4
T5
T7
XP12
gt11
SM11
X174

Eukaryotic viruses:

Ad2
SV40

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