

0 Abbreviations

AA	Acrylamide
aa-tRNA	aminoacyl-tRNA
AcPhe-tRNA ^{Phe}	N-Acetyl-Phe-tRNA ^{Phe}
Å	Ångström
Asp	Aspartic acid
ATP	Adenosine tri-phosphate
BAA	Bis-acrylamide
BCIP	5-Bromo-4-Chloro-3-indolyl phosphate
BPB	Bromophenol blue
dsDNA	double strand DNA
EF-G	Elongation factor G
EF-Ts	Elongation factor thermo stable
EF-Tu	Elongation factor thermo unstable
eRF1	Eukaryote release factor 1
GDP	Guanine di-phosphate
Gly	Glycine
GTP	Guanine tri-phosphate
H _t M _u N _v SH _w Spd _x Spm _y	H Hepes t mM
	M MgAc u mM
	N NH ₄ Ac v mM
	SH β-Mercapto-ethanol w mM
	Spd Spermidine x mM
	Spm Spermine y mM
HPLC	High Performance Liquid Chromatography
IF	Initiation factor
kb	kilo bases
kJ	kilo Joules
kV	kilo Volts
Leu	Leucine
mA	milli ampere
μCi	micro Curie
MDa	megadalton
MgAc	magnesium acetate

MQ	milli Q water
M.W.	molecular weight
N-AcPhe-tRNA ^{Phe}	N-Acetyl-Phe-tRNA ^{Phe}
NaAc	sodium acetate
NBT	nitroblue tetrazolium
NH ₄ Ac	ammonium acetate
nt	nucleotide(s)
NTP	Nucleoside tri-phosphate
Ω	Ohm
PEP	Phosphoenol pyruvate
PK	Pyruvate kinase
Phe	Phenylalanine
Poly(U)	Long poly-uridine mRNA
PPI	Inorganic Pyrophosphate
PTF	Peptidyl transferase centre
RF	Release factor
rpm	revolutions per minute
rRNA	ribosomal RNA
RRF	Ribosome recycling factor
SD	Shine Dalgarno sequence
TFA	Trifluoroacetic acid
30S	small ribosomal subunit
V	Volts
v/v	volume/volume
w/v	water/volume