

Abkürzungen

BF	Blutbahnform
BLAST	<i>basic local alignment search tool</i>
bp	Basenpaare
cDNA	komplementäre Desoxyribonukleinsäure
dATP	2'-Deoxyadenosin 5'-Triphosphat
CATT	<i>Card Agglutination Test for Trypanosomiasis</i>
CIATT	<i>Card Indirect Antigen Test for Trypanosomiasis</i>
DCE	1,2-Dichlorethan
dCTP	2'-Deoxycytidin 5'-Triphosphat
ddH ₂ O	doppelt destilliertes Wasser
DEPC	Diethylpyrocarbonat
dGTP	2'-Deoxyguanosin 5'-Triphosphat
DMEM	<i>Dulbecco's modified Eagle medium</i>
DMSO	Dimethylsulfoxid
DNA	Desoxyribonukleinsäure
DNase	Desoxyribonuklease
dNTP	2'-Desoxyribonukleosid 5'-Triphosphat
DP	Differenzprodukt
dsDNA	<i>double-stranded DNA</i>
DDT	1,1,1-Trichlor-2,2-bis(p-chlorphenyl)ethan
DTT	Dithiothreitol
dTTP	2'-Deoxythymidin 5'-Triphosphat
<i>E. coli</i>	<i>Escherichia coli</i>
EDTA	Ethylendiamintetraessigsäure
EE	EPPS-EDTA
EPPS (HEPPS)	N-(2-hydroxyethyl) Piperazin-N'-3-Popansulfonsäure
EMBL	<i>European Molecular Biology Laboratory</i>
ESAG	<i>expression site associated gene</i>
EST	<i>expressed sequence tag</i>
FDR	<i>false discovery rate</i>
GAPDH	D-Glyceraldehyd-3-Phosphat Dehydrogenase
GRESAG	<i>gene related to expression site associated gene</i>
h	Stunde
HMFM	<i>Hogness modified freezing medium</i>
IAA	Isoamylalkohol
IPTG	Isopropyl-β-D-thiogalactopyranosid
kb	kilobasen
LB	Luria-Bertoni-Nährmedium
LOWESS	<i>locally weighted scatterplot smoother</i>
M	Molar = mol / l
MALDI-TOF-MS	<i>matrix-assisted laser desorption/ionization time-of-flight mass spectrometry</i>
Mb	Megabasen
MBN	<i>mung bean nuclease</i>
MGED	<i>Microarray Gene Expression Data</i>
min	Minuten
mRNA	<i>messenger-RNA</i>
NCBI	<i>National Center for Biotechnology Information</i>

NIAID	<i>National Institute of Allergy and Infectious Disease</i>
OD	Optische Dichte
ORF	<i>open reading frame</i> , offener Leserahmen
p	pico = 10^{-12}
PBS	Phosphat-gepufferte Saline-Lösung
PCR	Polymerasekettenreaktion (<i>Polymerase Chain Reaction</i>)
PMSF	Phenylmethylsulfonylfluorid
PP	Polypropylen
PRO	prozyklische Form
PS	Polystyrol
RDA	<i>Representational Differenz Analyse</i>
Rep	Repräsentation
RNA	Ribonukleinsäure
RNase	Ribonuklease
rpm	Umdrehung pro Minute
RT	Reverse Transkription / Raumtemperatur
SAM	<i>Significance Analysis for Microarrays</i>
SDS	Natriumdodecylsulfat
SSC	<i>Saline-Sodium-Citrate</i>
ssDNA	<i>single stranded DNA</i>
TAE	Tris-Acetat-EDTA
<i>Taq</i>	<i>Thermus aquaticus</i>
TE	Tris-EDTA
Tm	Schmelztemperatur
TNE	Tris-Natrium-EDTA
TREU	<i>Trypanosomiasis Research, Edinburgh University</i>
Tris	Tris-(hydroxymethyl)-aminomethan
U	Unit
UV	Ultraviolett
V	Volt
VSG	<i>variant surface glycoprotein</i>
WHO	<i>World Health Organization</i> , Weltgesundheitsorganisation
w/v	<i>weight/volume</i>
w/w	<i>weight/weight</i>
X-Gal	5-Bromo-4-chloro-3-indolyl- β -D-galactopyranosid