

Abbreviations

ADAR enzymes	Adenosine deaminase Acting on RNA enzymes
AREs	AU-rich elements
AUBPs	ARE binding proteins
CRD	Coding Region Determinant
CUGBP1	CUG-binding protein 1
CURE	CU-Rich Element
DICE	Differentiation Control Element
dsRBD	double stranded RNA-binding domain
EtBr	Ethidium bromide
FBS	Fetal bovine serum
FITC	Fluorescein isothiocyanate
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase
GRE	GU-rich element
hnRNP	heterogeneous ribonuclear protein
HRP	Horseradish peroxidase
IL	Interleukin
IRES	Internal ribosome entry sites
JNK	c-Jun amino terminal kinase
KH	K-homology domain
KSRP	KH-type splicing regulatory protein
mRNA	messenger RNA
miRNA	micro RNA
PABP	Poly A Binding Protein
PARN	Poly A specific exoribonuclease
PBS	Phosphate buffered saline
PCBP1	Poly-(rC)-binding protein 1
PCR	Polymerase chain reaction
PI3K	Phosphoinositide-3-kinase
PI	Protease inhibitor
PMSF	Phenylmethylsulfonyl fluoride
PTB	Poly-pyrimidine tract binding protein

ABBREVIATIONS

PVDF	Polyvinylidene fluoride
qPCR	Quantitative polymerase chain reaction
RBP	RNA binding protein
RIP	RNA immunoprecipitation
RISC	RNA-induced silencing complex
RLC	RISC-loading complex
rRNA	Ribosomal RNA
RNA	Ribonucleic acid
RNAi	RNA interference
RNP	Ribonucleoprotein complex
RT-PCR	Reverse transcription polymerase chain reaction
SDS	Sodium dodecyl sulfate
siRNA	small interfering RNA
TBE	Tris-Borate-EDTA
TBS	Tris-buffered saline
TE	Tris-EDTA
UTR	untranslated region
h	Hour
min	Minutes
sec	Second
ml	Milliliter
mM	Millimolar
µg	Microgram
µl	Microliter
µM	Micromolar
nM	Nanomolar
r.c.f	Relative centrifugal force
r.p.m	Revolutions per minute