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### **Abkürzungen**

$\beta$ -MHC	$\beta$ -Myosin heavy chain
ADP+P	Adenosindiphosphat und Phosphor
AMP	Adenosinmonophosphat
Aqua. Dest.	Destilliertes Wasser
Arg	Arginin
Asn	Asparagin
ATP	Adenosintriphosphat
ATPase	Adenosintriphosphat spaltendes Enzym
Bp	Basenpaare
Ca <sup>2+</sup>	Calcium
cAMP	Cyclo-Adenosinmonophosphat
cMyBP-C	Cardiac Myosin Binding Protein C
CTP	Cytosintriphosphat
Cys	Cystein
DCM	Dilatative Kardiomyopathie
ddNTPs	Didesoxynukleotidtriphosphate
Del	Deletion
DNA	Desoxyribonukleinsäure
dNTPs	Desoxynukleotidtriphosphate
EKG	Elektrokardiogramm
Et al.	Et alii (lat.: und andere)

FA	Formamid
gDNA	genomische DNA
Gln	Glutamin
Glu	Glutamat
Gly	Glycin
GTP	Guanintriphosphat
HCL	Salzsäure
HCM	Hypertrophe Kardiomyopathie
Kbp	Kilobasenpaare
Leu	Leucin
Lys	Lysin
MDE	Mutation Detection Enhancement
Met	Methionin
MgCl <sub>2</sub>	Magnesiumchlorid
MM	Millimol
My1-13	Bezeichnung der Myomesin-Domänen
NaCl	Natriumchlorid
PAA	Polyacrylamid
PCR	Polymerasekettenreaktion
Phe	Phenylalanin
Phe	Phenylalanin
SDS	Sodiumdisulfat
Ser	Serin
SNPs	Single Nucleotide Polymorphisms
SP-reiche Domäne	Serin/Prolin-reiche Domäne
SSCP	Single Strand Conformation Polymorphism
Trp	Tryptophan
Trp	Tryptophan
TTP	Thymintriphosphat
U/min	Umdrehungen pro Minute
Val	Valin