Abbreviations

3D 3-Dimensional

ADJ Adjacent linear notation in PTGL

 $\begin{array}{ll} \text{ATP} & \textit{Adenosintriphosphat} \\ \text{BK} & \textit{Bron-Kerbosch algorithm} \end{array}$

BKC Bron-Kerbosch Connected algorithm

CATH Class, Architecture, Topology, Homologous superfamily

CMO Contact Map Overlap CP Circular Permutations

cryo-EM low-temperature Electron Microcopy

DDD Dali Domain Dictionary
DNA Desoxyribonucleinacid

DSSP Dictionary of Secondary Structures of Proteins

FMN FMN

FSSP Fold classification based on Structure-Structure alignments

of Proteins

GA Genetic Algorithmn

GANGSTA GA for Non-sequential Gapped Structure Alignment

KEY Key linear notation in PTGL
MCES Maximum Common Edge Subgraph
MCIS Maximum Common Induced Subgraph

MCS Maximum Common Subgraph

mRNA messenger RNA

NAD Nicotine Adenosine Dinucleotide

NADPH Nicotine Adenosine Dinucleotide PHosphate oxidase

NMR Nuclear Magnetic Resonance

PDB Protein Data Bank

PTGL Protein Topology Graph Library

RCSB Research Collaboratory for Structural Bioinformatics

RED Reduced linear notation in PTGL RMSD Root Mean Square Deviation

RNA Ribonucleinacid

 $\begin{array}{ll} {\rm SCOP} & Structural \ Classification \ Of \ Proteins} \\ {\rm SEQ} & Sequential \ linear \ notation \ in \ PTGL \end{array}$

SSE Secondary Structure Element