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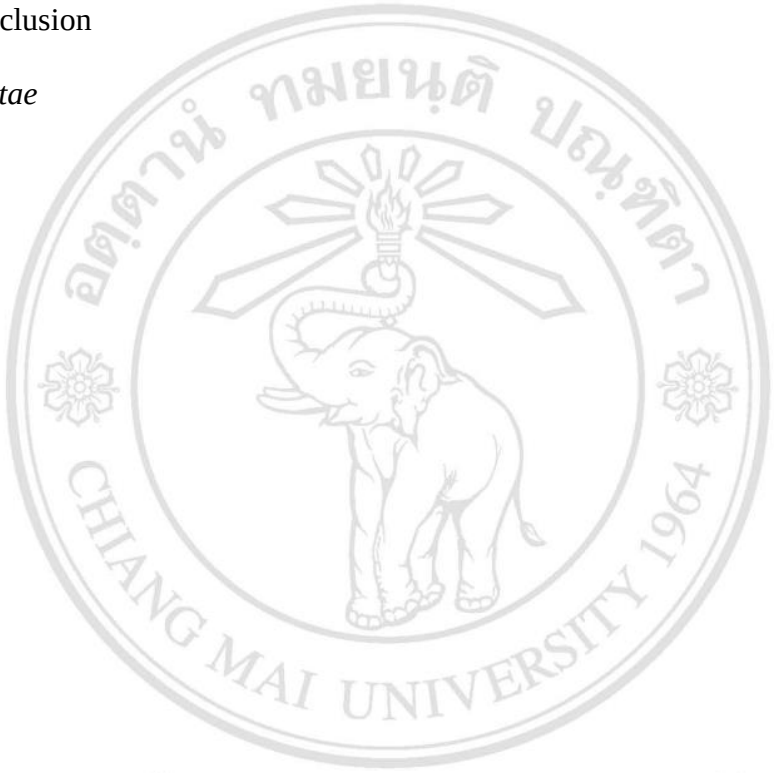

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ABBREVIATIONS AND SYMBOLS

BLAST	Basic Local Alignment Search Tool
NCBI	The National Center for Biotechnology Information
PDB	Protein Data Bank
3D	Three-dimension
L-DOPA	3,4-dihydroxy-L-phenylalanine
MD	Molecular dynamics
RMSD	Root-mean square diviation
kDa	Kilodalton
mM	Millimolar
K_m	The Michaelis constant
IC_{50}	The half maximal inhibitory concentration
V_{max}	The maximal velocity
ψ	Psi inter-molecular torsion angle
ϕ	Phi inter-molecular torsion angle
Å	Angstrom unit
His	Histidine
Val	Valine
Gln	Glutamine
Glu	Glutamic acid
Asn	Asparagine
Asp	Aspartic acid
Ser	Serine
Tyr	Tyrosine
Arg	Arginine
Lys	Lysine
Cys	Cysteine
Pro	Proline
Ala	Alanine

Leu	Leucine
Ile	Isoleucine
Met	Methionine
Phe	Phenylalanine
Trp	Tryptophan
Thr	Threonine
Gly	Glycine