

9 ABBREVIATIONS

bp	base pairs
BSA	bovine serum albumine
CHES	2-(N-Cyclohexylamino)ethane-sulfonic acid
dsDNA	double-stranded DNA
DTT	1,4-dithiothreitol
FITC	fluorescein-isothiocyanate
IPTG	isopropyl- β -D-thiogalctopyranoside
kbp	kilo base pairs
k_a	association rate constant
k_d	dissociation rate constant
K_d	dissociation constant
kDa	kilo Dalton
MOPS	3(N-morpholino)propanesulfonic acid
NTA	nickel-nitrilotriacetic acid
NTP	nucleoside triphosphate (nucleotide)
orf	open reading frame
PAGE	polyacrylamide gel electrophoresis
P_i	phosphate
PMSF	phenylmethylsulfonyl fluoride
PP_i	pyrophosphate
ssDNA	single-stranded DNA
STI	soybean trypsin inhibitor
T4SS	type IV secretion system(s)
X-gal	5-bromo-4-chloro-3-indolyl β -D-galactoside
X-phos	5-bromo-4-chloro-3-indolyl phosphate toluidine salt