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ABBREVIATIONS AND SYMBOLS

Ab, Abs	antibody, antibodies
bp	base pair
cfu	colony forming unit
^{o}C	degree Celsius
E. coli	*Escherichia coli*
g	gravity
gpIII	minor coat protein 3
gpVIII	major coat protein 8
h	hour
µg	microgram
µl	microliter
mAb	monoclonal antibody
mg	milligram
min	minute
ml	milliliter
mM	milli Molar
ng	nanogram
OD	optical density
PBS	phophate buffer saline
PEG	polyethylene glycol

RT	room temperature
rpm	round per minute
s	second
U	unit
%	percent
Φ	phage