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ABBREVIATIONS AND SYMBOLS

Ab, Abs	antibody, antibodies
bp	base pair
°C	degree Celsius
E. coli	*Escherichia coli*
g	gravity
h	hour
µg	microgram
µl	microliter
mAb	monoclonal antibody
mg	milli gram
min	minute
ml	milli liter
mM	milli Molar
ng	nanograms
nm	nano meter
%	percent
Φ	phage
PBS	phophate buffer saline
PCR	polymerase chain reaction
PEG	polyethylene glycol
rpm	revolutions per minute

sec	**second**
t.u.	**transforming unit**