

Parameter Name	Value	Default Value	Description
MAXDELTATEMPERATUREADJACENTZONES	5	5	The maximum difference in temperature (in C) between adjacent zones on the thermocycler block
MAXDELTATEMPERATUREREACTIONOPTIMUMZONEACCEPTABLE	5	5	The maximum acceptable difference in temperature (in C) between the optimal annealing temperature of a PCR reaction, and the annealing temperature of the thermocycler block zone it is sitting in
MAXMCSTEPSPERZONE	1000	1000	The maximum number of Monte-Carlo steps attempted per thermocycler block zone
MAXWELLVOLUMEMULTIWELLPLATE	100	100	The maximum liquid volume (in uL) that a well in the multi-well plate can hold
MCTEMPERATUREFINAL	0.0001	0.0001	The final temperature at the end of the Monte-Carlo simulated annealing run (in arbitrary reduced units)
MCTEMPERATUREINITIAL	0.1	0.1	The initial temperature in the beginning of the Monte-Carlo simulated annealing run (in arbitrary reduced units)
MINPIPETTINGVOLUME	5	5	The minimum pipetting volume (e.g. for a robotics platform) (in uL)
NCOLUMNSMULTIWELLPLATE	12	12	The number of columns in the multi-well plate
NROWSMULTIWELLPLATE	8	8	The number of rows in the multi-well plate
TRIALDELTATEMPERATURE	0.1	0.1	The Monte-Carlo step trial change in temperature for a thermocycler block zone
WELLSPERTHERMOCYCLERZONE	16	16	The number of wells per thermocycler block zone
ZONESPERTHERMOCYCLERBLOCK	6	6	The number of zones per thermocycler block
THERMOCYCLERTYPE	VERITI	VERITI	The thermocycler type to design for. Options are "VERITI" (default) or "CFX384".
ASSEMBLYREACTIONSPERPCRREACTION	5	5	The number of assembly reactions that can be set up using a single pcr reaction-derived assembly piece alloquat