

Event	Trigger	Effect	Comment
Cell death	$FH \leq LFT$	$A = 0$	FH reached LFT, the cell dies.
Regeneration on	$U(FH - MF) < -10^{-6}$	$U = 0$ $URH = URH + PR - RT$	The cell became damaged, regeneration may happen.
Regeneration off	$ U - 1 (D + R) > 10^{-6}$	$U = 1$ $RT = PR$	Fitness became maximal, no more regeneration is possible.