

Table S1 Parameters for analyzing dynamics of MT1-MMP in the temporal simulations.

parameters	Values	unit
M14	$1.00 \times 10^{-7}$	M
M2	$1.00 \times 10^{-7}$	M
T2	$1.00 \times 10^{-7}$	M
kM14	$2.00 \times 10^6$	/M/s
k_M14	0.01	/s
kM2	$2.10 \times 10^7$	/M/s
kT2	$2.74 \times 10^6$	/M/s
k_T2	$2.00 \times 10^{-4}$	/s