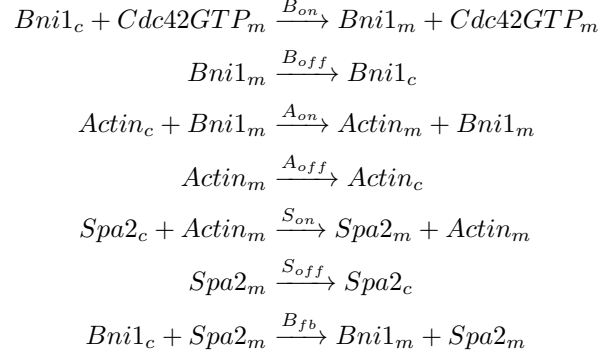
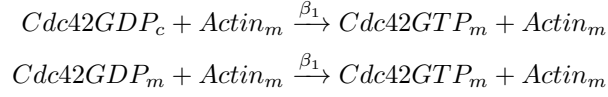


S3 Model Mechanistic model of polarisome formation.



Added feedback between Cdc42 polarization and polarisome:



Parameter	Value	Description
D_m	$0.0053 \mu m^2 s^{-1}$	Diffusion constant on membrane
D_a	$0.0 \mu m^2 s^{-1}$	No actin diffusion on membrane
D_c	$50 \mu m^2 s^{-1}$	Diffusion constant in cytoplasm
R	$2 \mu m$	Radius of cell
N_B	1000	Total number of Bni1 molecules
N_S	5000	Total number of Spa2 molecules
N_A	40	Total number of Actin cables
B_{on}	$0.000256 \mu m^3 s^{-1}$	Recruitment of Bni1 by Cdc42
B_{off}	$22.5 s^{-1}$	Detachment of Bni1 from membrane
S_{on}	$4.55 \mu m^3 s^{-1}$	Recruitment of Spa2 by Actin
S_{off}	$0.35 s^{-1}$	Detachment of Spa2 from membrane
A_{on}	$0.197 \mu m^3 s^{-1}$	Recruitment of Actin by Bni1
A_{off}	$1.57 * 500 / (500 + Spa2_m)$	Detachment of Actin from membrane
B_{fb}	$0.0304 \mu m^3 s^{-1}$	Recruitment of Bni1 by Spa2
β_1	$0.266 \mu m^3 s^{-1}$	Recruitment of Cdc42 by Actin