Supplementary Tables of parameter values used in Figures

Figures 4a,b; 5a-d; 8a,b

	Θ_{AC}	Θ_{actin}	Θ_{CB}	Θ_{base}	κ_{actin} (unloaded)	κ_{CB}	κ_{base} (unloaded)	$\sigma_{\Theta f}$
CHO	0.01	1	1000	10	1	0.1	10	10
CHO	0.1	1	1000	0.1	1	0.1	1	1
CHO	0.01	10	1	0.1	0.1	10	10	10
CHO	0.1	100	1	0.001	10	0.1	10	10
CHO	0.001	1	1000	1	10	1	10	10
3T3	10	0.01	0.001	0.1	0.1	10	10	100
3T3	100	10	10	0.001	1	1	10	100
3T3	100	0.01	0.01	0.1	1	1	1	10
3T3	10	100	0.001	0.001	0.1	10	0.1	1
3T3	100	1	0.01	0.1	1	10	1	10

Figure 6, 7a

	Θ_{AC}	Θ_{actin}	Θ_{CB}	Θ_{base}	κ_{actin} (unloaded)	κ_{CB}	κ_{base} (unloaded)	$\sigma_{\Theta f}$
CHO	0.01	1	1	1	10	1	10	1
CHO	0.01	1	10	1	1	1	1	1
CHO	0.01	1	100	1	1	1	1	1
CHO	0.001	1000	10	10	0.1	1	10	10
CHO	0.1	1000	1000	1	10	10	1	10
CHO	0.01	1000	1	0.001	10	1	1	1
CHO	0.01	100	1000	0.001	10	10	1	1
CHO	0.001	1000	100	10	1	0.1	1	1
CHO	0.01	1000	100	100	0.1	10	10	10
CHO	0.001	1	100	0.1	10	0.1	10	100

Figure 3

	Θ_{AC}	Θ_{actin}	Θ_{CB}	Θ_{base}	κ_{actin} (unloaded)	κ_{CB}	κ_{base} (unloaded)	$\sigma_{\Theta f}$
black	1	1	0.01	10	10	0.1	10	10
black	0.01	1	1000	10	1	0.1	10	1
black	10	0.001	0.1	10	0.1	10	10	10
black	100	100	1	10	10	10	0.1	100
black	0.001	1000	100	100	0.1	10	10	1
black	1	1	1	0.001	0.1	1	1	100
blue	0.01	1	1000	10	1	0.1	10	1
blue	0.1	1	1000	0.1	1	0.1	1	1
blue	0.01	10	1	0.1	0.1	10	10	10
blue	0.01	10	1000	1	0.1	10	1	10