

Condition		Rate of Protrusion ( $\mu\text{m}/\text{min}$ )	Persistence of Protrusion (mins)	Rate of Retraction ( $\mu\text{m}/\text{min}$ )	Persistence of Retraction (mins)	Frequency of Retraction Events (events/min)
in vivo	average	5.3	0.32	3.3	0.44	1.0
	p value	n/a	n/a	n/a	n/a	n/a
in vitro	average	10	0.0076	9.0	0.32	1.6
	p value	$1.1 \times 10^{-5}$	0.0077	$1.8 \times 10^{-5}$	0.020	0.0052
in vitro with methylcellulose	average	3.9	0.26	3.3	0.35	1.1
	p value	0.086	0.085	0.93	0.08	0.85