Table S3. Values of the slopes obtained from the linear regressions and R^2 values for DN-MyoVc cells in control and FSK-treated cases

MVC Control		
Trajectory	Slope (μm/s)	R^2
1	0.105	0.971
2	0.063	0.991
3	0.047	0.992
4	0.076	0.97
5	0.088	0.973
6	0.144	0.956
7	0.144	0.965
8	0.059	0.987
9	0.054	0.951
Mean	0.087	
s.d.	0.037	

MVC FSK		
Trajectory	Slope (μm/s)	R^2
1	0.104	0.972
2	0.115	0.939
3	0.057	0.937
4	0.266	0.996
5	0.301	0.899
6	0.253	0.912
7	0.173	0.885
8	0.081	0.98
9	0.108	0.981
Mean	0.162	
s.d.	0.090	

Group	Mean	s.d.	n	df	$t*$	P
MVC Control	0.0867	0.037	9	8	2.323694	$0.025>P>0.02$
MVC FSK	0.162	0.090	9			