

A

cell type	$1 \mu\text{m} \cdot \text{s}^{-1}$		$5 \mu\text{m} \cdot \text{s}^{-1}$		$10 \mu\text{m} \cdot \text{s}^{-1}$	
	mean	N_{tethers} (cells)	mean	N_{tethers} (cells)	mean	N_{tethers} (cells)
Control	41.5pN	94(42)	51.2pN	101(40)	56.7pN	137(38)
+DNEzrin	22pN	38(22)	28.8pN	50(26)	30.3pN	70(30)
+ezrin2, radixin MO	29.1pN	77(37)	32.8pN	112(37)	39pN	130(37)
+Latrunculin A (LatA)	14.6pN	58(28)	20.5pN	72(29)	19pN	81(34)
+DNEzrin+LatA	12pN	28(13)	16.6pN	29(15)	19.3pN	31(15)

cell type	$20 \mu\text{m} \cdot \text{s}^{-1}$		$35 \mu\text{m} \cdot \text{s}^{-1}$		$50 \mu\text{m} \cdot \text{s}^{-1}$	
	mean	N_{tethers} (cells)	mean	N_{tethers} (cells)	mean	N_{tethers} (cells)
Control	67pN	116(39)	76pN	26(13)	79pN	68(29)
+DNEzrin	33pN	50(26)	39.6pN	14(6)	44pN	66(27)
+ezrin2, radixin MO	42pN	142(40)	47pN	40(16)	48.5pN	55(20)
+LatA	22.9pN	71(24)	21.4pN	24(12)	23.7pN	47(20)
+DNEzrin+LatA	23pN	28(12)	28pN	21(10)	32.5pN	15(10)

B

cell type	F_0^{Median}	N_{tethers} (cells)	F_0^{fit}
Control	32pN	114(56)	32.3pN
+DNEzrin	19.1pN	48(24)	19.1pN
+ezrin2, radixin MO	17pN	76(45)	25pN
+LatA	9.9pN	9(5)	15.1pN
+myo1b MO	24pN	49(31)	-
+myoPhosphatase MO	41.8pN	45(22)	-