

Fig 3E- Cellular Extension Length

Cell #1			Cell #2			Cell #3		
Extension #	Control shRNA	Myo10 KD	Extension #	Control shRNA	Myo10 KD	Extension #	Control shRNA	Myo10 KD
Ext1	2.07	0.52	Ext1	3.56	0.79	Ext1	2.11	0.71
Ext2	4.14	0.48	Ext2	2.69	0.55	Ext2	3.86	0.88
Ext3	4.06	0.44	Ext3	0.29	0.25	Ext3	4.46	0.95
Ext4	1.94	0.45	Ext4	2.46	0.29	Ext4	3.57	1.14
Ext5	0.98	0.29	Ext5	3.18	0.42	Ext5	3.22	0.8
Ext6	0.79	0.73	Ext6	2.77	0.6	Ext6	3.23	0.66
Ext7	3.19	0.49	Ext7	1.18	0.57	Ext7	4.63	0.25
Ext8	1.2	0.44	Ext8	0.77	0.91	Ext8	2.77	0.27
Ext9	2.49		Ext9	5.4	0.45	Ext9	4.06	0.11
Ext10	1.36		Ext10	1.98	1.06	Ext10	5.51	0.26
Ext11	2.06		Ext11	2.45	0.46	Ext11	1.68	0.25
Ext12	1.3		Ext12	1.25		Ext12	4.38	0.5
Ext13	1.68		Ext13	3.36		Ext13	4.29	
Ext14	1.37		Ext14	3.15		Ext14	4.72	
Ext15	2.72		Ext15	3.24		Ext15	3.06	
Ext16	1.27		Ext16	2.29		Ext16	5.8	
Ext17	2.24		Ext17	2.77		Ext17	2.18	
Ext18	2.58		Ext18	2.55		Ext18	3.04	
Ext19	0.44		Ext19	2.19		Ext19	5.29	
Ext20	3.46		Ext20	2.81		Ext20	3.18	
Ext21	1.74		Ext21	1.56		Ext21	2.87	
Ext22	2.76		Ext22	1.39		Ext22	3.66	
Ext23	1.12		Ext23	2.07		Ext23	3.54	
Ext24	1.31		Ext24	4.17		Ext24	3.58	
Ext25	2.02		Ext25	4.09		Ext25	4.73	
Ext26	2.66		Ext26	3.89		Ext26	2.15	
Ext27	2.05		Ext27	1.1		Ext27	4.03	
Ext28	2.71		Ext28	2.51		Ext28	3.4	
Ext29	1.58		Ext29	4.68		Ext29	5.84	
Ext30	2.01		Ext30	1.91		Ext30	4.29	
Ext31	2.3		Ext31	2.99		Ext31	5.26	
Ext32	1.3		Ext32	5.49		Ext32	4.69	
Ext33	1.66		Ext33	2.48		Ext33	4.14	
Ext34	2.44		Ext34	2.4		Ext34	7.2	
Ext35	2.55		Ext35	3.31		Ext35	6.59	
Ext36	3.61		Ext36	2.4		Ext36	4.34	
Ext37	4.74		Ext37	3.79		Ext37	5.19	
Ext38	3.49		Ext38	2.59		Ext38	2.45	
Ext39	11.38		Ext39	2.99		Ext39	4.34	
Ext40	9.95		Ext40	2.71		Ext40	5.16	
Ext41	3.34		Ext41	3.38		Ext41	1.24	
Ext42	2.32		Ext42	2.53		Ext42	6.62	
Ext43	1.38		Ext43	1.89		Ext43	4.68	
Ext44	3.35		Ext44	1.73		Ext44	3.14	
Ext45	0.86		Ext45	2.51		Ext45	4.05	
Ext46	0.79		Ext46	2.72		Ext46	3.51	
Ext47	4.83		Ext47	2.19		Ext47	3.83	
Ext48	1.72		Ext48	3.1		Ext48	6.56	
			Ext49	1.72		Ext49	2.84	
			Ext50	2.28		Ext50	2.84	
						Ext51	6.46	
						Ext52	2.29	
						Ext53	4.36	
						Ext54	3.77	