

Table S1. Cell characteristics and *S. flexneri* entry and actin based motility phenotypes are similar in the absence versus presence of IQGAP1 in MEFs

		Measure	Data (mean \pm S.D.)	
			IQGAP1 ^{-/-}	IQGAP1 ^{+/+}
<i>S. flexneri</i> virulence phenotypes	Entry	Internalized bacteria (no./well)	1520 \pm 520	1460 \pm 590
		Plaque formation (no./well)	58 \pm 23	49 \pm 26
	Actin based motility ^a	Actin tail length (μ m)	29 \pm 7	28 \pm 4
		Actin tail frequency (% of bacteria)	44 \pm 17	51 \pm 16
		Speed in the cytoplasm (μ m/sec)	50 \pm 21	56 \pm 28
		Speed in protrusions (μ m/sec)	42 \pm 21	43 \pm 17
	Cellular phenotypes	Cell size	Area (pixels x 10 ³)	8.1 \pm 3.0
Cortical actin density		Signal intensity at cortex/signal intensity in cell body (a.u.)	0.92 \pm 0.04	0.89 \pm 0.03

^a Measurements were taken at 2 hrs. of infection.