

**Table S1.** Average width of scratches created in HEKa monolayer cells, using a yellow pipette tip and blue pipette tip.

<b>Yellow Tip</b>	<b>Width (μm)</b>	<b>Blue Tip</b>	<b>Width (μm)</b>
Sample 1 a)	713.35	Sample 1 a)	914.414
b)	774.687	b)	959.396
c)	809.949	c)	1316.972
Sample 2 a)	712.191	Sample 2 a)	1230.454
b)	733.82	b)	1211.442
c)	717.102	c)	1204.288
Sample 3 a)	904.736	Sample 3 a)	985.767
b)	795.088	b)	1011.08
c)	990.144		
Avg. Width	794.563		1104.227
SD	96.23714		152.3225

**Note:** a, b and c refer to different technical replicates within each sample

**Table S2.** Total area of scratch measured in each sample well, measured in pixels. Rows highlighted in red indicate fields of view emitted from the total scratch area used for calculation.

	<b>Sample 1 (pixels)</b>	<b>Sample 2 (pixels)</b>	<b>Sample 3 (pixels)</b>
<b>Field of View 1</b>	<b>781,068</b>	<b>820,421</b>	<b>805,117</b>
Field of View 2	1,106,869	1,218,963	1,189,862
Field of View 3	1,185,137	1,242,776	1,134,209
Field of View 4	1,233,318	1,278,831	1,077,086
Field of View 5	1,244,192	1,258,116	1,275,993
Field of View 6	1,194,878	1,289,073	1,525,943
<b>Field of View 7</b>	<b>1,173,379</b>	<b>773,420</b>	<b>1,245,388</b>
Total	7,918,841	7,881,600	8,253,598
Total Scratch Area %	75.32	79.78	75.16
Average of Total Scratch Area	76.75		
SD	2.62		

**Table S3.** Scratch wound area, measured over 12-hr period, of all 5 fields of view taken per well, with the summation of each field of view also. Area represented as pixels as well as percent of the original scratch.

	<b>0 h area</b>	<b>12 h area</b>	<b>0 h area (%)</b>	<b>12 h area (%)</b>
Replicate 1-1	888,480.0	528,908.0	100.0	59.5
Replicate 1-2	930,143.0	793,298.0	100.0	85.3
Replicate 1-3	938,988.0	515,935.0	100.0	54.9
Replicate 1-4	958,758.0	488,960.0	100.0	51.0
Replicate 1-5	1,027,254.0	527,436.0	100.0	51.3
Replicate 1 total	4,743,623.0	2,854,537.0	100.0	60.2
Replicate 2-1	794,649.0	4004,10.0	100.0	50.4
Replicate 2-2	845,893.0	470,299.0	100.0	55.6
Replicate 2-3	896,683.0	600,990.0	100.0	67.0
Replicate 2-4	871,222.0	562,381.0	100.0	64.6
Replicate 2-5	959,130.0	616,198.0	100.0	64.2
Replicate 2 total	4,367,577.0	2,650,278.0	100.0	60.7
Replicate 3-1	1,033,879.0	491,802.0	100.0	47.6

Replicate 3-2	1,103,281.0	553,175.0	100.0	50.1
Replicate 3-3	1,100,017.0	585,185.0	100.0	53.2
Replicate 3-4	1,136,240.0	701,781.0	100.0	61.8
Replicate 3-5	1,266,780.0	815,026.0	100.0	64.3
Replicate 3 total	5,640,197.0	3,146,969.0	100.0	55.8
Replicate avg	4,917,132.3	2,883,928.0	100.0	58.9
Replicate STD	653,811.5	249,646.5	0.0	2.7