

**S1 Table. *SMCIA* Silencing Increases Mean Nuclear Volume in J21 Cells.**

	# Nuclei	Mean Nuclear Volume ( $\mu\text{m}^3$ )	Standard Deviation	<i>p</i> -value <sup>A</sup>	<i>p</i> -value <sup>B</sup>	Fold Increase <sup>C</sup>
<b>Untreated</b>	223	3008.1	592.6	N/A <sup>D</sup>	0.4602	1.0
<b>si<i>GAPDH</i></b>	275	2955.9	907.7	0.4602	N/A	1.0
<b>si<i>SMCIA</i></b>	273	4632.6	1608.7	<0.0001	<0.0001	1.5

<sup>A</sup>*p*-values obtained when comparing mean nuclear volumes to untreated control.

<sup>B</sup>*p*-values obtained when comparing mean nuclear volume to si*GAPDH* control.

<sup>C</sup>Fold increase values refer to the increase in mean nuclear volume relative to the untreated control.

<sup>D</sup>N/A; not applicable