

**Supplemental Table S2.** Difference in diameter between ridge and anti-ridge domains. Unpaired t-test, assuming unequal variance (two-tailed significance).

Clone	Clone 1	Clone 2	Clone 3
Clone 4	$1.7 \times 10^{-13}$	$4.3 \times 10^{-22}$	$7.5 \times 10^{-4}$
Clone 5	$2.5 \times 10^{-13}$	$8.6 \times 10^{-21}$	$9.0 \times 10^{-4}$

**Supplemental Table S3.** Difference in nuclear position between ridge and anti-ridge domains. Unpaired t-test, assuming unequal variance (two-tailed significance).

Clone	Clone 1	Clone 2	Clone 3
Clone 4	$4.7 \times 10^{-10}$	$5.1 \times 10^{-11}$	$8.0 \times 10^{-11}$
Clone 5	$1.1 \times 10^{-16}$	$5.2 \times 10^{-19}$	$1.6 \times 10^{-18}$