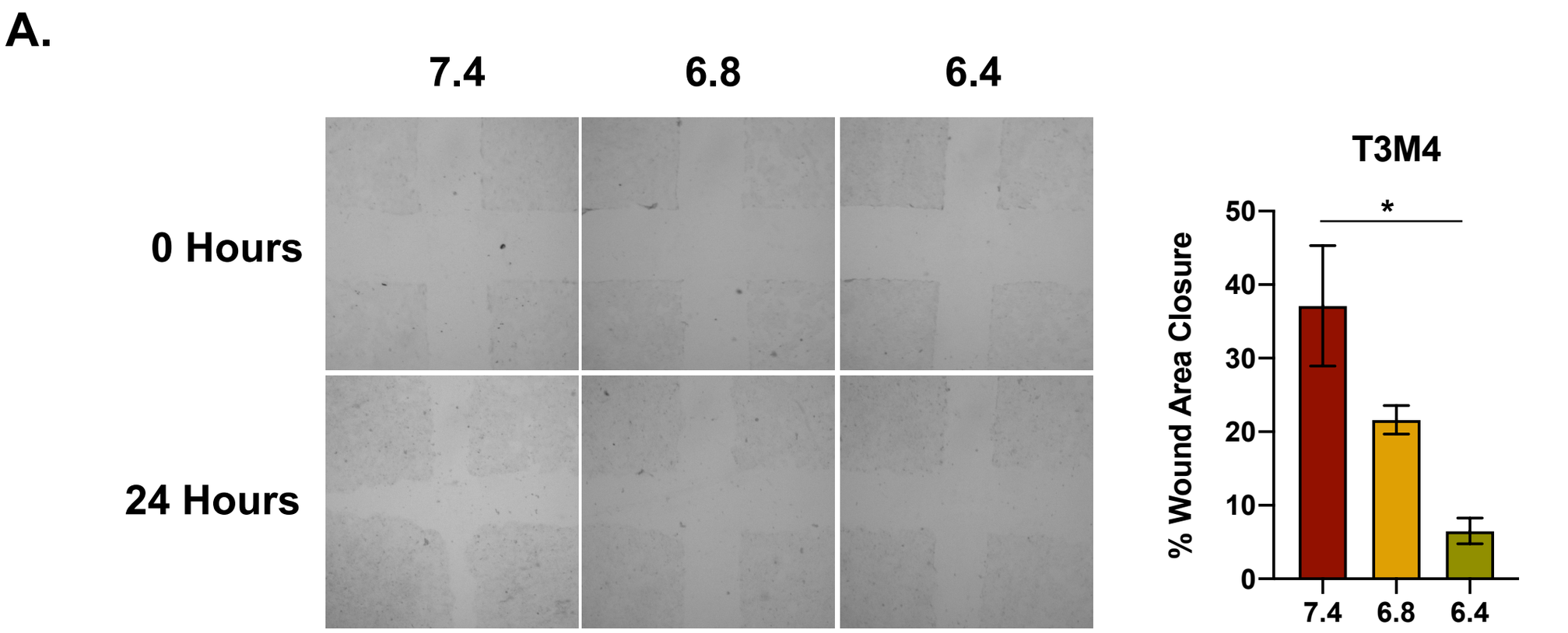
S1 Table. RT-PCR primers

Antibody	Vendor	Cat.#	Dilution
E-cadherin	Abcam	Ab15148	1:1000
N-cadherin	Abcam	Ab18203	1:1000
MMP-2	CST	D4K9N	1:2000
α-SMA	CST	D4M2N	1:1000
β-actin	CST	8H10D10	1:5000

S2 Table. RT-PCR primers

Genome	Target Gene	Amplicon (bp)	Tm	F Primer 5'-3'	R Primer 3'-5'
Mitochondrial	tRNA-Leu (UUR)	107	62	CACCCAAGAACAGGGTTTGT	TGGCCATGGGTATGTTGTTA
Nuclear	B2-Microglobulin	86	62	TGCTGTCTCCATGTTTGATGTATCT	TCTCTGCTCCCCACCTCTAAGT

Supplementary Figure 1



Supplementary Figure 1. (A) Left – Representative images from a scratch assay. T3M4 cells were grown to confluency on a 24-well plate. Following the creation of two perpendicular scratches, wells were replaced with the indicated pH media. Images were taken immediately and after 24-hour incubation with EVOS imaging system. Right – Area of the wound before and after incubation was measured with ImageJ software (n=2) (B) Left – Representative images from Matrigel invasion assays. Suspension of T3M4 cells in pH 6.4 media was added into the inserts and incubated with and without 100μM ATP. Bar, 2000μm. Right - Quantification of relative invasion (n=2). Data are shown as mean μ± SD. *p < 0.05