Figure S1. Changes of migration, monolayer permeability and Akt phosphorylation in MLE-12 cells treated with LY294002, and the expression of M1/M2 markers of macrophages co-cultured with LPS-pretreated MLE-12 cells. LY294002 had no significant effect on the (A) wound healing assay (B) cell migration results, (C) monolayer permeability and (D) western blotting results on (E) Akt phosphorylation of untreated MLE-12 cells. Scale bar, 200 μm. (F) Tim-3-siRNA knockdown efficiency vs. the negative control was >70% in the absence of any other treatments as measured by reverse transcription-quantitative PCR. (G) LPS-pretreated MLE-12 cells upregulated the expression levels of M1 markers, IL-6 and iNOS, but did not downregulate the expression levels of M2 markers, IL-10 and CD206. *P<0.05, **P<0.01 vs. the M2 or si-NC group. $^{\#}$P<0.05, $^{\#\#}$P<0.01. NC, negative control; Ctrl, control; p-, phosphorylated; IL, interleukin; LPS, lipopolysaccharide; siRNA, small interfering RNA; Tim-3, T-cell immunoglobulin mucin 3; iNOS, inducible nitric oxide synthase.

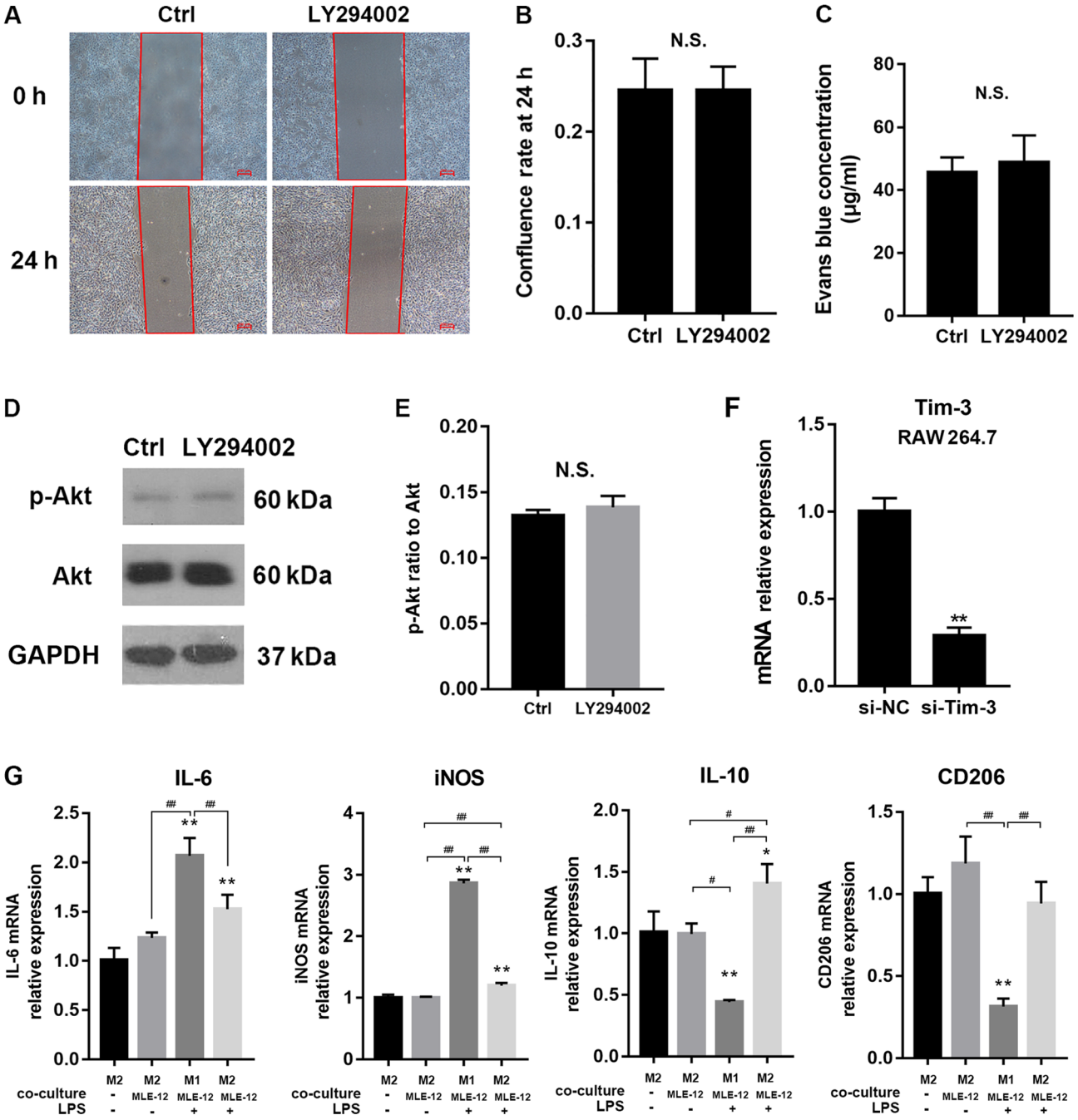

Table SI. Primer sequences for the reverse transcription-quantitative PCR.

Primer	Sequence (5'→3')
iNOS	F: GGAGTGACGGCAAACATGACT
	R: TCGATGCACAACTGGGTGAAC
IL-6	F: TAGTCCTTCCTACCCCAATTTCC
	R: TTGGTCCTTAGCCACTCCTTC
Arg-1	F: CTCCAAGCCAAAGTCCTTAGAG
	R: GGAGCTGTCATTAGGGACATCA
CD206	F: CTCTGTTCAGCTATTGGACGC
	R: TGGCACTCCCAAACATAATTTGA
IL-10	F: GCTCTTACTGACTGGCATGAG
	R: TTGGTCCTTAGCCACTCCTTC
Tim-3	F: TCAGGTCTTACCCTCAACTGTG
	R: GGCATTCTTACCAACCTCAAACA
GAPDH	F: AGGTCGGTGTGAACGGATTTG
	R: TGTAGACCATGTAGTTGAGGTCA

F, forward; R, reverse; Tim-3, T-cell immunoglobulin mucin 3; iNOS, inducible nitric oxide synthase; Arg-1, Arginase 1; IL, interleukin.