

Table S1. Key resources table.

| REAGENT or RESOURCE | SOURCE | IDENTIFIER |
|--|---------------|-----------------|
| YTHDF1 polyclonal antibody | Proteintech | Cat# 17479-1-AP |
| GAPDH polyclonal antibody | Proteintech | Cat# 10494-1-AP |
| Anti-F4/80 antibody | ABCAM | Cat# ab16911 |
| Goat anti-rat IgG(H+L) highly cross-absorbed secondary antibody, Alexa Fluor™ Plus 488 | Invitrogen | Cat# A21206 |
| HRP-conjugated affinipure goat anti-mouse IgG(H+L) | Proteintech | Cat# SA00001-1 |
| HRP-conjugated affinipure goat anti-rabbit IgG(H+L) | Proteintech | Cat# SA00001-2 |
| leonurine | Selleck | Cat# S389001 |
| SYBR Green Master Mix | EZBioscience | Cat# A0012 |
| Reverse Transcription Master Mix | EZBioscience | Cat# A0010G |
| RNA Purification Kit | EZBioscience | Cat# B2551 |
| Oil red dye | Servicebio | Cat# GP1067 |
| Hematoxylin and eosin kit | Servicebio | Cat# GP1031 |
| Masson trichrome kit | Servicebio | Cat# G1006 |
| Lycerin gelatin seal tablets | Servicebio | Cat# G1402 |
| C57BL/6J | Charles River | |
| DAPI | Biosharp | Cat# BS097 |