

Supplementary Table 1. RT-qPCR primers and siRNA sequences

Name	sequences
qPCR primers	
U6	Sense 5'-CTCGCTTCGGCAGCACA-3' Anti-sense 5'-AACGCTTCACGAATTTGCGT-3'
linc-VLDLR	Sense 5'-AGCAGTCACATTCATCGCAC-3' Anti-sense 5'-GAGGAATAGGTGCGAACTGC-3'
TUC339	Sense 5'-GATGAGGCCCGAGTTTAAT-3' Anti-sense 5'-AGATGGAGGATCGGTGTGAA-3'
CD86	Sense 5'-ATTCCAAGTATATGGGCCGC-3' Anti-sense 5'-TGTGGGCTTTTTGTGATGGA-3'
TNF- α	Sense 5'-GGAGAAGGGTGACCGACTCA -3' Anti-sense 5'-CTGCCCAGACTCGGCAA -3'
IL-1 β	Sense 5'-ACAGATGAAGTGCTCCTTCCA-3' Anti-sense 5'-GTCGGAGATTCGTAGCTGGAT-3'
CXCL10	Sense 5'-GGCCATCAAGAATTTACTGAAAGCA-3' Anti-sense 5'-TCTGTGTGGTCCATCCTTGGA-3'
CXCL11	Sense 5'-CCTTGGCTGTGATATTGTGTGCTA-3' Anti-sense 5'-CCTATGCAAAGACAGCGTCCTC-3'
CCL17	Sense 5'-TGAGGACTGCTCCAGGGATG-3' Anti-sense 5'-AACGGTGGAGGTCCCAGGTA-3'
CCL22	Sense 5'-GAGACATACAGGACAGAGCATGGC-3' Anti-sense 5'-ATGGAGATCAGGGAATGCAGAGAG -3'
iNOS	Sense 5'-CAGCGGGATGACTTTCCAA-3' Anti-sense 5'-AGGCAAGATTTGGACCTGCA-3'
IL-12p40	Sense 5'-TGAAGAAAGATGTTTATGTCGTAGAAT-3' Anti-sense 5'-GGTCCAAGGTCCAGGTGATA-3'
CD206	Sense 5'-CGGTGACCTCACAAGTATCCACAC-3' Anti-sense 5'-TTCATCACCACACAATCCTCCTGT-3'
IL-10	Sense 5'-GGTTGCCAAGCCTTGTCTGA-3' Anti-sense 5'-AGGGAGTTCACATGCGCCT-3'

siRNA

linc-VLDLR

siRNA1 5'-CCCTGGATCTACAGGTCAT-3'

siRNA2 5'-CCCTTAGCTGAATCATGTT-3'

siRNA3 5'-GCCAATAAAGTTGTCCCTA-3'

TUC339

siRNA1 5'-CCTCCTATGTAAATTGAGA-3'

siRNA2 5'-GCGACAATTTAGACACTCA-3'

siRNA3 5'-GGAATTTCAATGCGGCCAA-3'

Supplementary figure legend

Fig S1. Enrichment of linc-VLDLR in PLC/PRF/5-derived exosomes and functional study of linc-VLDLR in THP-1 cells. (a) Linc-VLDLR was enriched in PLC/PRF/5-derived exosomes. (b) qRT-PCR showed transfection of siRNAs efficiently knocked down linc-VLDLR. (c-e) Loss-of-function studies showed depletion of linc-VLDLR led to increased IL-1 β expression (c), reduced phagocytosis (d) and reduced cell viability (e). Bars represent the mean $\pm$ SEM. *, $P < 0.05$.

Fig S2. GO analysis of up and down regulated gene sets upon TUC339 knockdown and over-expression (a-d).

Supplementary figure

Fig. S1

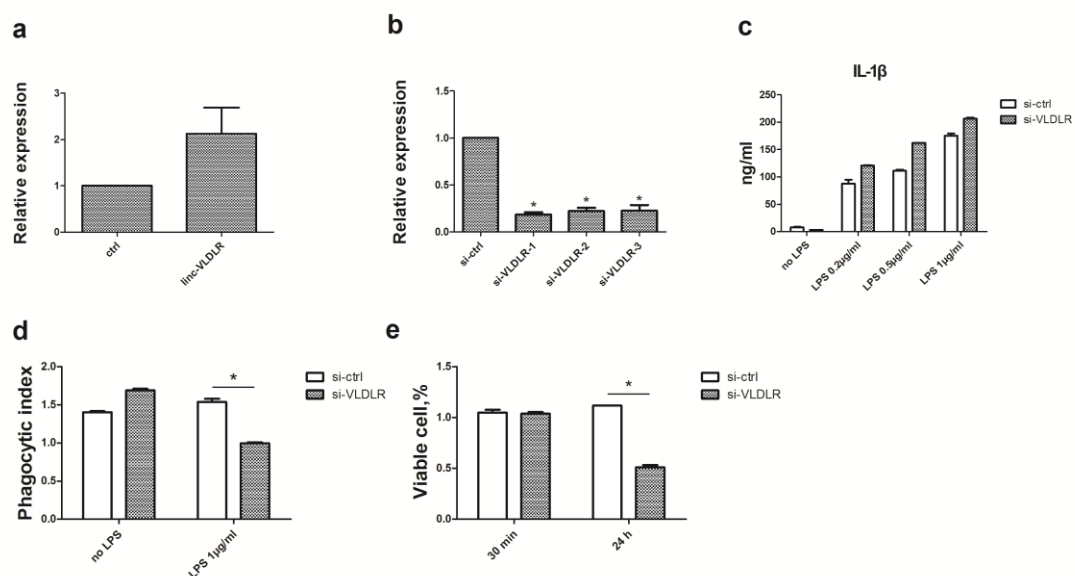
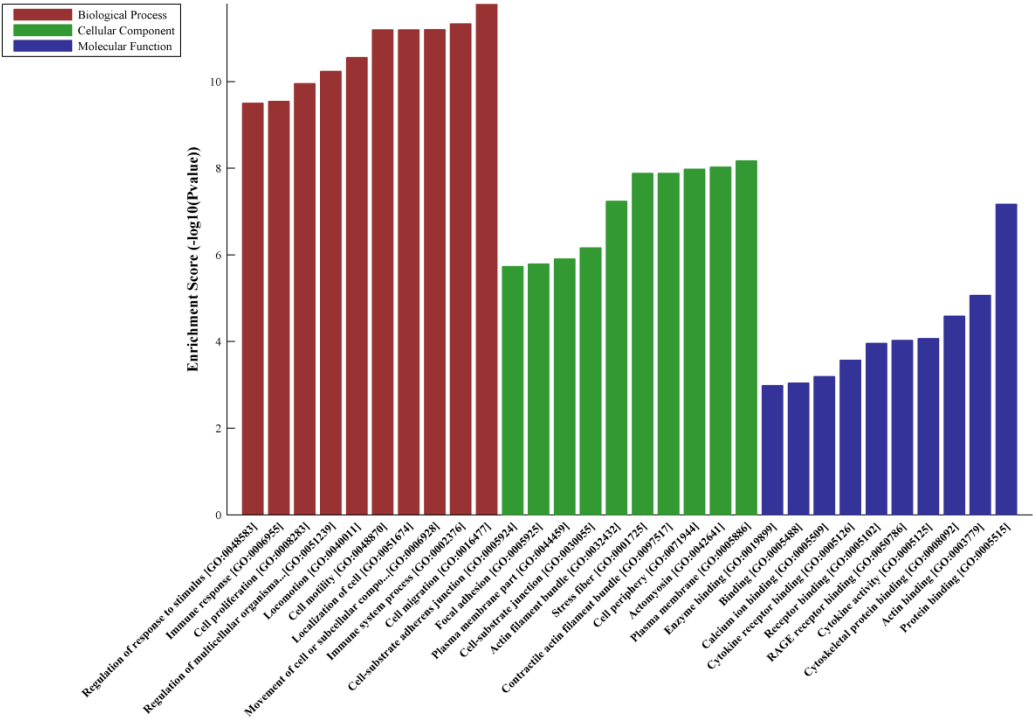
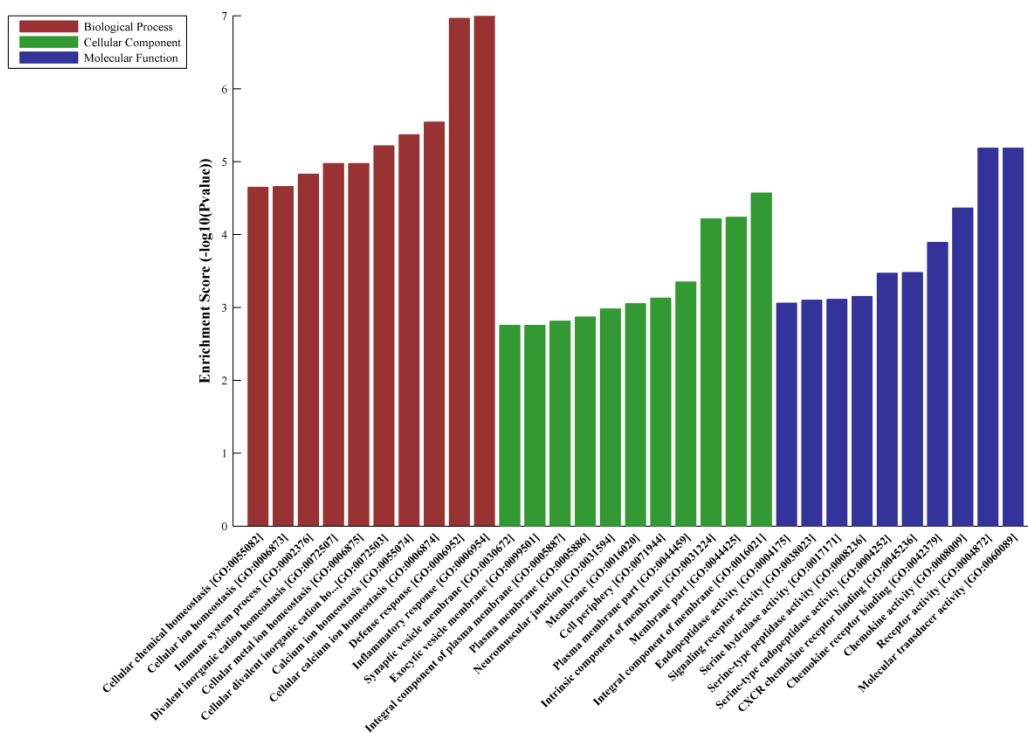


Fig. S2

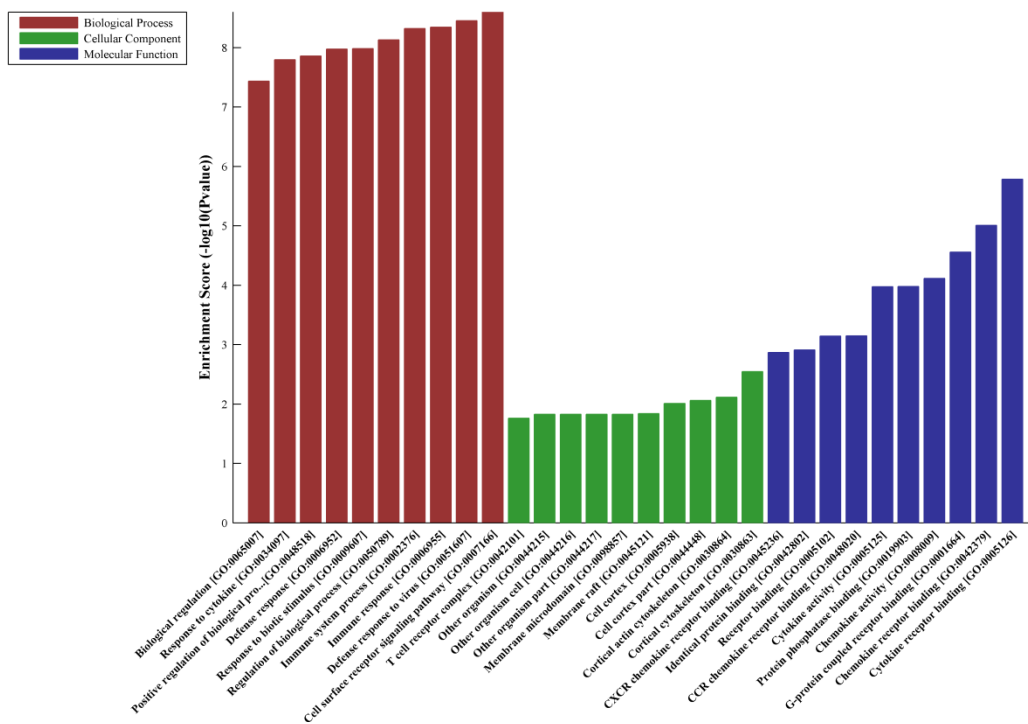
a Down-regulated gene sets upon TUC339 over-expression



b Down-regulated gene sets upon TUC339 knockdown



c Up-regulated gene sets upon TUC339 over-expression



d Up-regulated gene sets upon TUC339 knockdown

