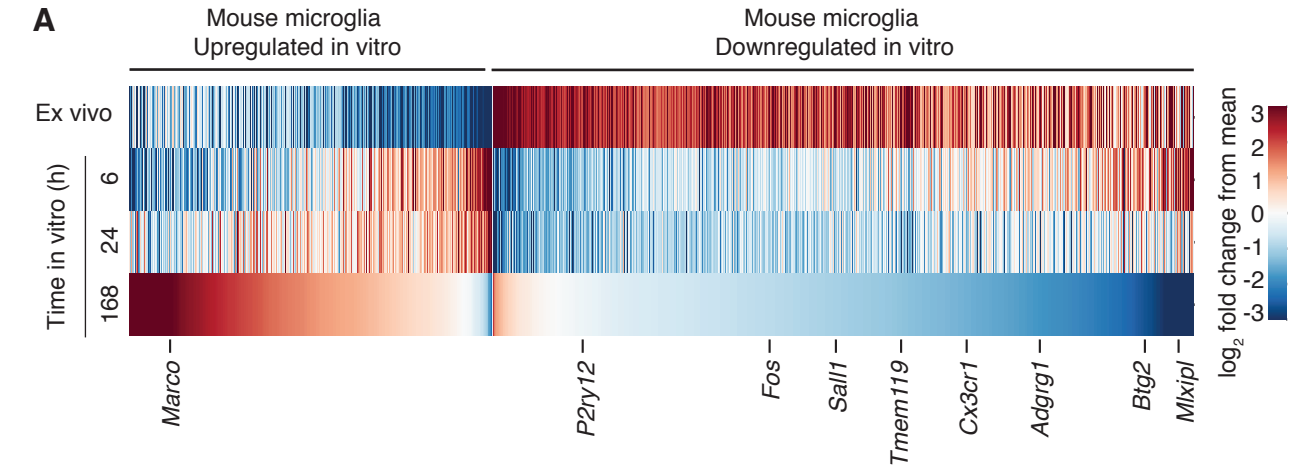
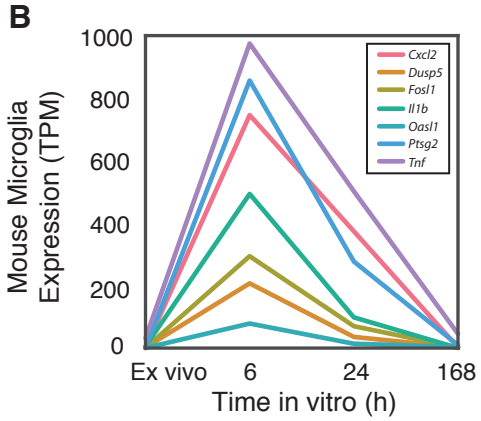
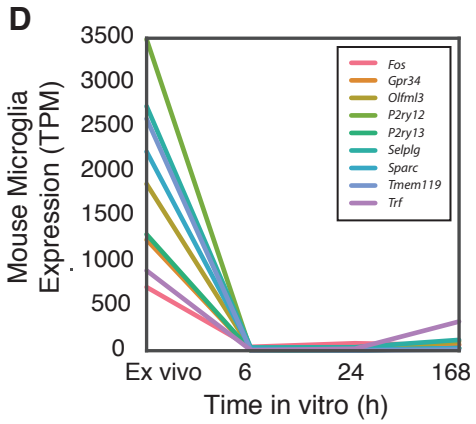




C

Description	q-value
response to lipopolysaccharide	2.62E-09
Adaptive Immune System	6.93E-09
negative regulation of cell death	1.86E-08
NF-kappa B signaling pathway	3.44E-08
MAPK cascade	3.74E-08
I-kappaB kinase/NF-kappaB signaling	2.30E-07
immune system development	3.82E-07
cellular response to oxygen-containing compound	9.70E-07
MAPK signaling pathway	3.71E-06
posttranscriptional regulation of gene expression	3.77E-06
cell activation	2.30E-05
Cellular responses to stress	3.83E-05
response to temperature stimulus	4.37E-05
positive regulation of transcription from RNA polymerase II promoter	9.52E-05
negative regulation of intracellular signal transduction	0.000103
secretion by cell	0.000196
positive regulation of hydrolase activity	0.000216
regulation of cellular response to stress	0.000253
negative regulation of transcription from RNA polymerase II promoter	0.000272
Phospholipase D signaling pathway	0.000401



E

Description	q-value
vasculature development	8.21E-08
response to growth factor	8.21E-08
enzyme linked receptor protein signaling pathway	3.29E-07
cellular response to oxygen-containing compound	1.34E-06
positive regulation of cell differentiation	4.53E-06
positive regulation of hydrolase activity	6.86E-06
response to wounding	1.96E-05
regulation of cell adhesion	7.38E-05
response to ketone	0.000118
response to molecule of bacterial origin	0.000221
negative regulation of developmental process	0.000247
hematopoietic or lymphoid organ development	0.000275
response to cytokine	0.000358
AGE-RAGE signaling pathway in diabetic complications	0.000358
negative reg. of transcription from RNA polymerase II promoter	0.000396
Rheumatoid arthritis	0.000641
extracellular matrix organization	0.001
response to laminar fluid shear stress	0.001049
endothelium development	0.001053
leukocyte migration	0.001183

Figure S14