

Supplemental Table S2: Two factors of two-way ANOVA analysis

Fig No.	1st factor		2nd factor		Interactive effect p-value
	1st factor name	Main effect p-value	2nd factor name	Main effect p-value	
Fig. 2C	Alone or Co-localized	p<0.001	Presence of ATP (ATP (-) or (+))	p<0.001	p=0.008
Fig. 3E	Mice derived (WT or Cav-1 KO)	p=0.664	Presence of LPS (LPS (-) or (+))	p=0.931	p=0.836
Fig. 3G	Mice derived (WT or Cav-1 KO)	p=0.489	Presence of ATP (ATP (-) or (+))	p<0.001	p=0.338
Fig. 6B	Mice derived (WT or Cav-1 KO)	p<0.001	Presence of NLRP3 inhibitor (Vehicle or MCC950)	p=0.340	p=0.836
Fig. 6D	Mice derived (WT or Cav-1 KO)	p=0.001	Presence of NLRP3 inhibitor (Vehicle or MCC950)	p=0.777	p=0.876
Fig. 7A (<i>Nlrp3</i>)	Mice derived (WT or Cav-1 KO)	p=0.005	Presence of LPS	p<0.001	p=0.005
Fig. 7A (<i>Casp1</i>)	Mice derived (WT or Cav-1 KO)	p=0.472	Presence of LPS	p<0.001	p=0.402
Fig. 7A (<i>Il1b</i>)	Mice derived (WT or Cav-1 KO)	p=0.096	Presence of LPS	p<0.001	p=0.096
Fig. 7A (<i>Il6</i>)	Mice derived (WT or Cav-1 KO)	p=0.097	Presence of LPS	p<0.001	p=0.098
Fig. 7A (<i>Tnf</i>)	Mice derived (WT or Cav-1 KO)	p=0.008	Presence of LPS	p<0.001	p=0.008
Fig. 7A (<i>Gsdmd</i>)	Mice derived (WT or Cav-1 KO)	p=0.305	Presence of LPS	p=0.045	p=0.802
Fig. 7B	Mice derived (WT or Cav-1 KO)	p=0.006	ATP concentration (0, 1, or 5 mM)	p<0.001	p=0.042
Fig. 8E	Mice derived (WT or Cav-1 KO)	p=0.002	ATP treatment time (0.5, 2, or 4 h)	p<0.001	p=0.004
Fig. 8F	Mice derived (WT or Cav-1 KO)	p=0.002	Presence of P2X7 inhibitor (Vehicle or A-740003)	p<0.001	p=0.004
Fig. S3B (<i>Cav-2</i>)	Mice derived (WT or Cav-1 KO)	p=0.274	LPS treatment time (0, 4, or 24 h)	p=0.011	p=0.677
Fig. S4B	Mice derived (WT or Cav-1 KO)	p=0.002	ATP concentration (1 or 5 mM)	p<0.001	p=0.998