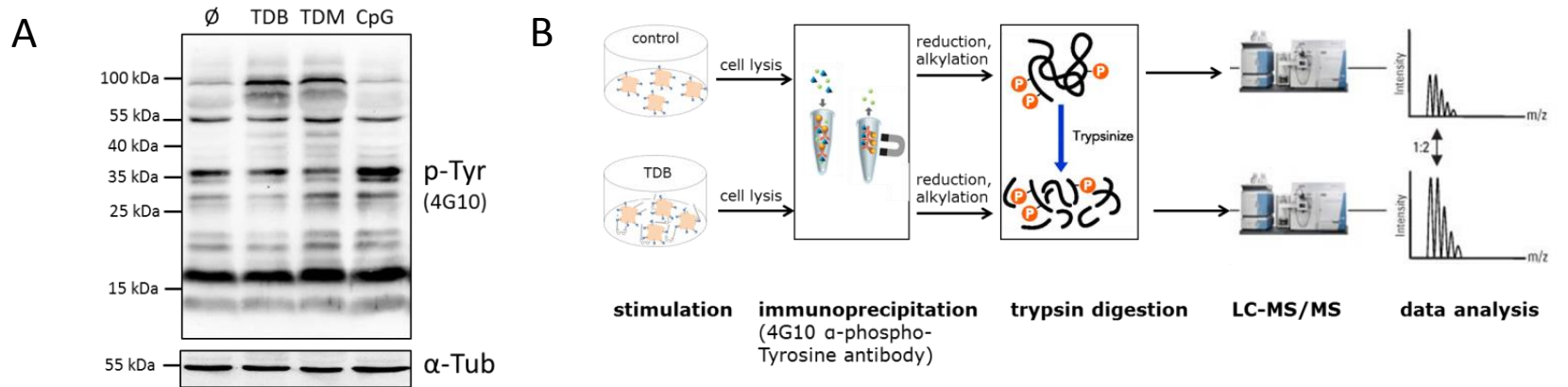








Supplemental Figure S1: TDB-induced tyrosine phosphorylation



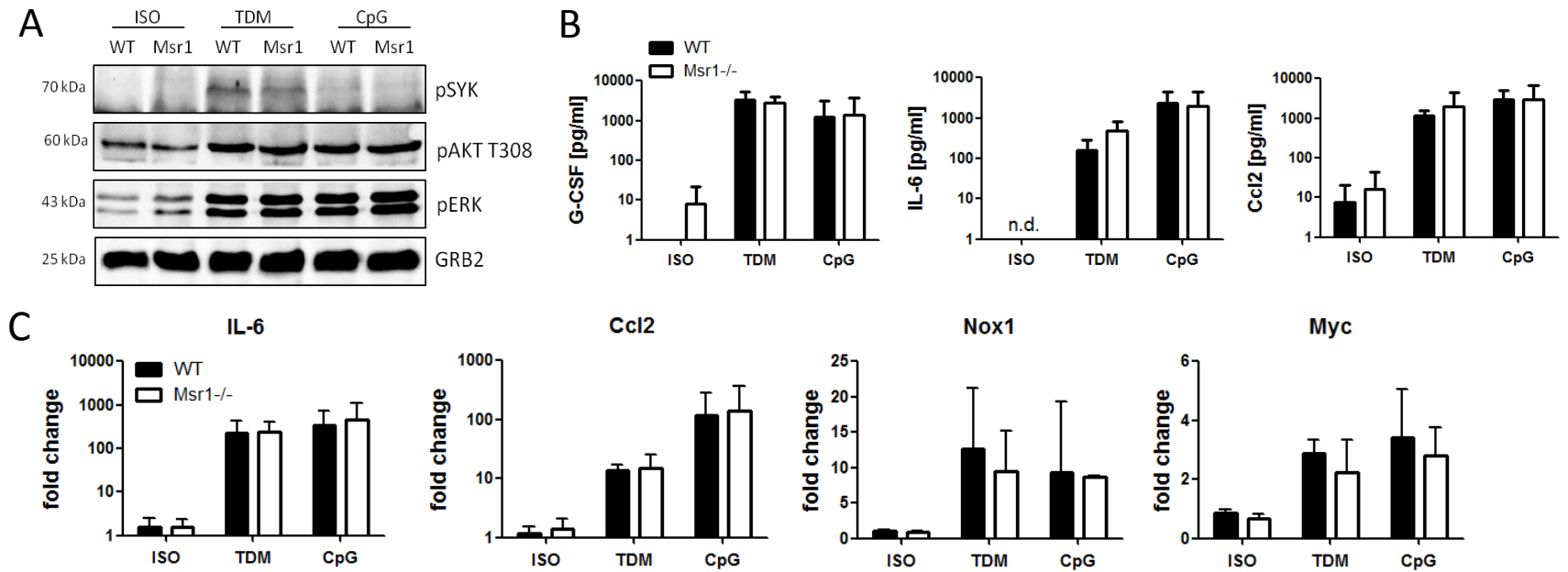
C

protein	Control (ISO) BMMs	TDB-stimulated BMMs	tyrosine phosphorylated peptide	function
PKC δ		++	ASTFGTPDyIAPEILQGLK	canonical Mincle signaling
GSK-3 α/β	++	++++	GEPNVSyICSR	PI3K-AKT-GSK-3 cascade
PIK3R4	++	++	SyVVAGSTGSPSVSYKK	autophagy
RAB22A		+++	TVQyQNELHK	endocytosis and intracellular protein transport
PRP4		++	LDFGSASHVADNDITPyLVSR	Ser/Thr-protein kinase
RBM14	+	+	GQPGSAYDGTGQPSAAYLSMSQGAVANANSTPPPyER	nuclear receptor coactivator

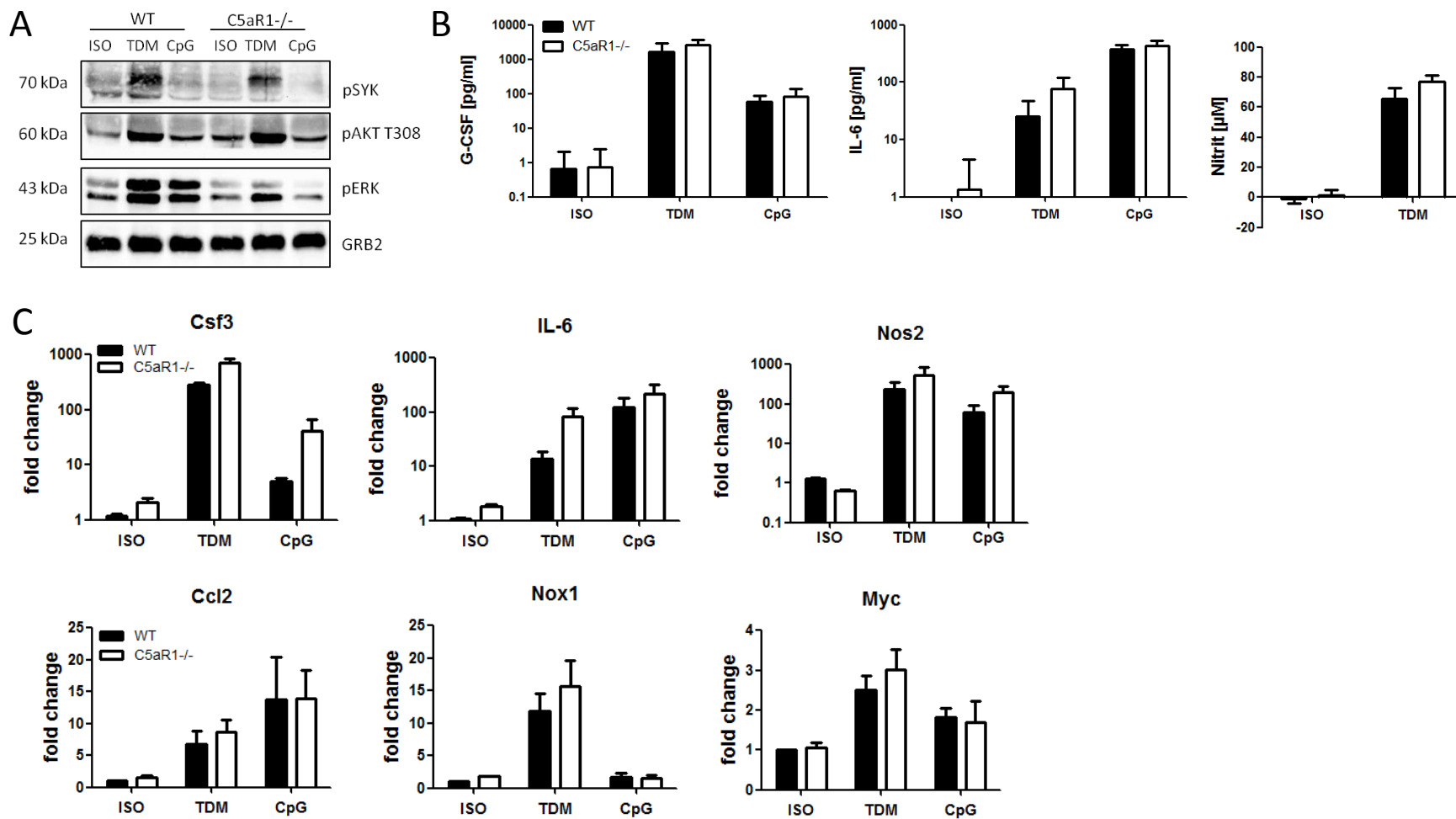
Supplemental Figure S2: Kinase motif enrichment analysis.

motif	motif score	# of matches	putative kinase
a) Mincle dependent: TDM vs. ISO $fc \geq 1.5$ $p \leq 0.05$ WT vs. Mincle-/- $fc \geq 1.5$			
	7.14	33 / 300	?
	3.56	10 / 300	PKCd
	3.46	11 / 300	PKCd
	3.21	16 / 300	PKA
	2.96	19 / 300	GSK-3
b) Mincle independent: TDM vs. ISO $fc \geq 1.5$ $p \leq 0.05$ WT vs. Mincle-/- $fc < 1.25$			
	3.85	27 / 396	ATM, ATR

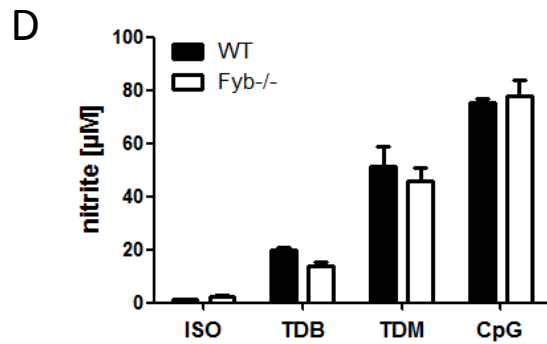
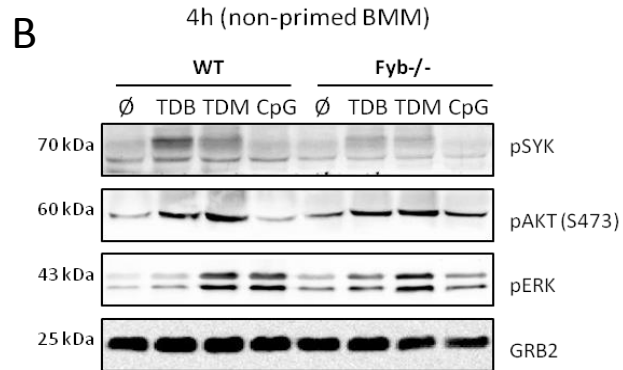
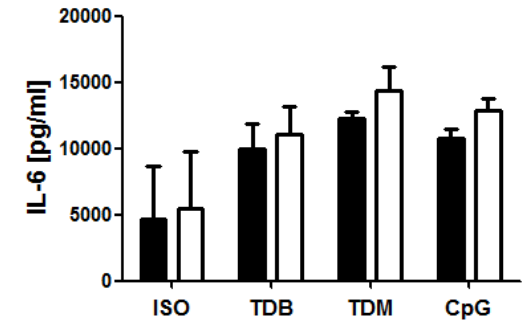
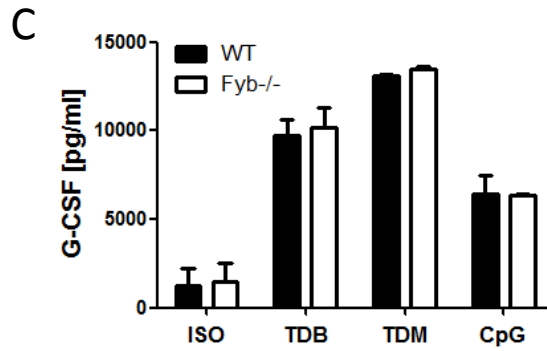
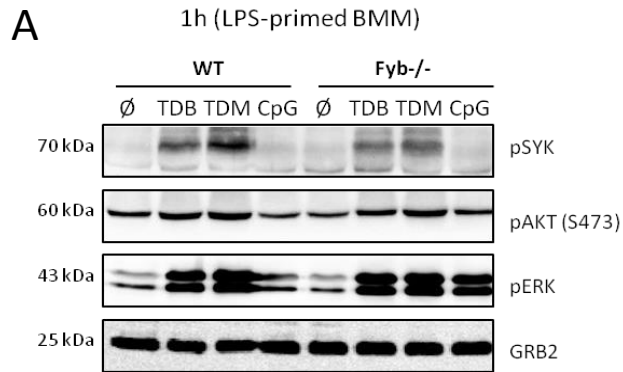
Supplemental Figure S3: *Msr1*-deficient mice.



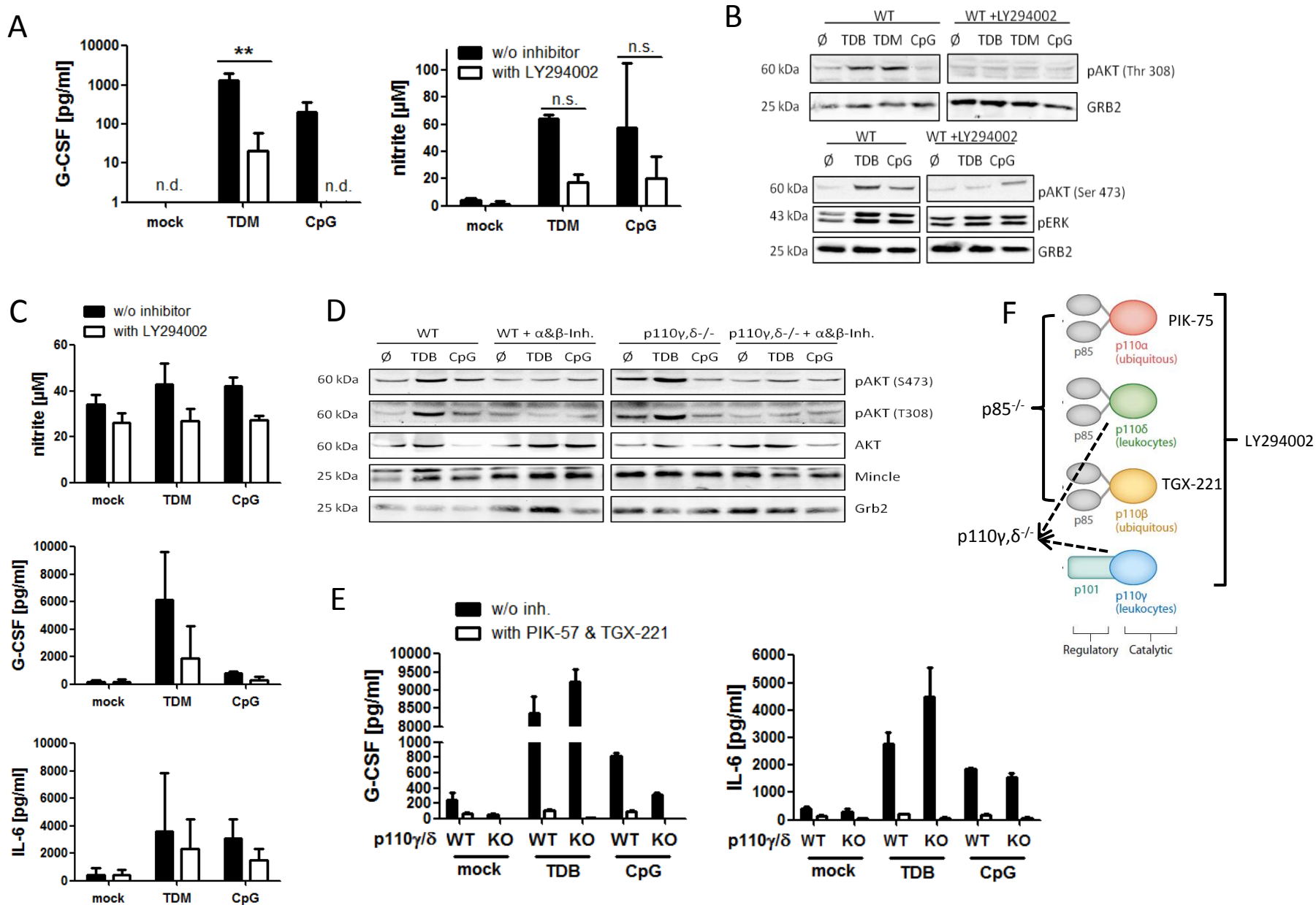
Supplemental Figure S4: C5aR1-deficient mice.



Supplemental Figure S5: FYB-deficient mice.



Supplementary Figure S6: PI3K inhibitors and p110 isoform KO macrophages.



Supplementary Figure S7: Mincle-independent impact of TDM and related glycolipids on macrophage cell numbers

