

Table S3 Identified immune responsive proteins using STRING database with differential expression changes in statin-treated and Bio-LPS-stimulated RAW 264.7 macrophages.

Accession	Description	Gene name	Control	Bio-LPS	Bio-LPS-statin	Statin	DUCCT	Bio-LPS-DUCCT	Bio-LPS-Statin-DUCCT	Statin-DUCCT	BS3	Bio-LPS-BS3	Bio-LPS-Statin-BS3	Statin-BS3
Q8BP40	Lysophosphatidic acid phosphatase type 6	Acp6			0.03				0.01				0.02	
Q3UZG4	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	Aimp1	0.07	0.09	0.02	0.03		0.03			0.03	0.06	0.02	0.03
B7STB7	Annexin	Anxa1		0.06	0.14	0.07	0.09	0.03	0.11	0.05	0.15		0.16	0.11
Q9Z1T1	AP-3 complex subunit beta-1	Ap3b1			0.01						0.01			
O54774	AP-3 complex subunit delta-1	Ap3d1									0.01			
Q60875	Rho guanine nucleotide exchange factor 2	Arhgef2	0.05	0.05	0.03	0.03	0.03	0.02	0.02	0.01	0.03	0.06	0.02	0.03
Q9ES28	Rho guanine nucleotide exchange factor 7	Arhgef7			0.02									
A0A0A0MQN4	Ubiquitin-like modifier-activating enzyme ATG7	Atg7			0.06	0.04	0.02	0.02	0.03		0.04		0.04	0.02
P01887	Beta-2-microglobulin	B2m								0.01				0.01
Q9Z1R2	Large proline-rich protein BAG6	Bag6										0.09		
O08734	Bcl-2 homologous antagonist/killer	Bak1			0.02	0.02	0.03	0.01	0.01	0.01	0.02		0.03	
Q544Z6	Bcl2-associated X protein, isoform CRA_b	Bax	0.25	0.13	0.16	0.17	0.21	0.14	0.13	0.11		0.15	0.18	0.07
Q8R2Q8	Bone marrow stromal antigen 2	Bst2				0.02	0.07	0.04		0.06	0.01			0.01
P30993	C5a anaphylatoxin chemotactic receptor 1	C5ar1			0.02	0.02				0.01				0.01
P14211	Calreticulin	Calr							0.02	0.02	0.01		0.02	0.01
Q3U6A3	Monocyte differentiation antigen CD14	Cd14	0.07	0.06	0.13	0.07	0.08	0.03	0.07	0.06	0.04	0.12	0.11	
Q3U0U7	Putative uncharacterized protein	Cd180			0.01				0.02					
E5Q371	Integrin-associated protein	Cd47			0.01									
Q545Y5	CD74 antigen (Invariant polypeptide of major histocompatibility complex, class II antigen-associated)	Cd74			0.03	0.03		0.01	0.02	0.01			0.03	
P60766	Cell division control protein 42 homolog	Cdc42	0.05	0.03	0.08	0.09	0.18	0.07	0.08	0.07		0.05	0.08	0.08
Q3U4J9	Putative uncharacterized protein	Cdk6		0.02	0.03			0.02		0.01			0.02	0.02
Q3U1N0	Coronin	Coro1a		0.03	0.04	0.03	0.07		0.06	0.16	0.03		0.07	0.31
Q0P635	Colony stimulating factor 1 receptor	Csf1r									0.02			
P41241	Tyrosine-protein kinase CSK	Csk		0.04		0.02								
B3VQI8	Cytochrome b-245 light chain	Cyba			0.02	0.03	0.03	0.02		0.02			0.02	0.02
Q3U4P0	Putative uncharacterized protein	Cybb	0.05	0.04	0.14	0.11	0.12	0.05	0.10	0.10	0.13		0.15	0.06
O54734	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	Ddost	0.14	0.10	0.18	0.16	0.16	0.08	0.13	0.12	0.14	0.10	0.21	0.09
Q3TQX5	ATP-dependent RNA helicase DDX3X	Ddx3x	0.26	0.23	0.17	0.15	0.10	0.14	0.03	0.04	0.14	0.33	0.09	0.13
Q99M87	Dnal homolog subfamily A member 3, mitochondrial	Dnaja3	0.04	0.04	0.02	0.03		0.02			0.02			
Q8C3J5	Dedicator of cytokinesis protein 2	Dock2		0.12	0.08	0.05	0.03	0.03	0.01		0.08	0.11	0.03	0.06
P70245	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase	Ebp												0.01
P58252	Elongation factor 2	Eef2	0.05	0.11	0.16	0.13	0.53	0.10	0.44	0.39	0.46	0.17	0.36	0.41
Q03145	Ephrin type-A receptor 2	Epha2			0.05				0.01				0.02	
B9EIU1	Glutamyl-prolyl-tRNA synthetase	Eprs	0.24	0.33	0.24	0.19	0.19	0.17	0.13	0.04	0.30	0.48	0.22	0.19
Q9EQH2	Endoplasmic reticulum aminopeptidase 1	Erap1	0.03		0.02	0.09	0.04	0.05	0.04	0.10	0.03			0.04
Q9CRA8	Exosome complex component RRP46	Exosc5									0.02			
P14234	Tyrosine-protein kinase Fgr	Fgr		0.03	0.05	0.04		0.02	0.01	0.02			0.04	0.03
Q00612	Glucose-6-phosphate 1-dehydrogenase X	G6pdx								0.02				0.03
Q7TQ39	Gag protein	gag			0.06								0.03	0.01
Q61213	Gag	gag			0.06								0.02	0.01
Q80Y14	Glutaredoxin-related protein 5, mitochondrial	Glrx5												0.01
Q9CRA5	Golgi phosphoprotein 3	Golph3												0.01
F6UND7	Tyrosine-protein kinase	Hck	0.04		0.05	0.01		0.02		0.01		0.04	0.02	0.02
P70696	Histone H2B type 1-A	Hist1h2ba			0.06	0.15	0.08	0.06	0.09	0.13	0.03		0.11	0.15
Q3TL71	Putative uncharacterized protein	Hnrnpk	0.07	0.08	0.07	0.07	0.11	0.04	0.09	0.07	0.11	0.10	0.13	0.09
Q3TVV6	Putative uncharacterized protein	Hnrnpu	0.64	0.49	0.40	0.34	0.31	0.32	0.14	0.13	0.47	0.73	0.32	0.16



Q3TGE4	Protein kinase C delta type	Prkcd				0.02						0.02		0.02	0.01
Q3UYK2	Presenilin	Psen1					0.02	0.03	0.02	0.02	0.03	0.02		0.03	0.03
Q9R1P4	Proteasome subunit alpha type-1	Psm1						0.03	0.02		0.01	0.03		0.02	0.01
P97371	Proteasome activator complex subunit 1	Psm1												0.02	
Q3UCJ0	Tyrosine-protein phosphatase non-receptor type	Ptpn6	0.42	0.37	0.28	0.36	0.18	0.22	0.10	0.11	0.27	0.36	0.17	0.25	
S4R1S4	Receptor-type tyrosine-protein phosphatase C	Ptpnc			0.08	0.03	0.05			0.06	0.05	0.05		0.09	0.06
Q4FJL0	RAB10, member RAS oncogene family	Rab10	0.13	0.04	0.08	0.08	0.17	0.07	0.09	0.08	0.15	0.08	0.10	0.13	
Q0PD23	RAB32, member RAS oncogene family	Rab32				0.01	0.02	0.01	0.01		0.03		0.02		
Q6PHN9	Ras-related protein Rab-35	Rab35	0.10	0.05	0.06	0.07	0.14	0.06	0.07	0.07	0.09	0.09	0.08	0.12	
Q0PD56	Rab5B	Rab5b			0.06	0.06	0.14	0.06	0.07	0.05	0.10	0.06	0.09	0.05	
P35279	Ras-related protein Rab-6A	Rab6a	0.13	0.07	0.07	0.10	0.16	0.07	0.09	0.06	0.11	0.07	0.09	0.09	
Q0PD49	RAB8B, member RAS oncogene family	Rab8b	0.12	0.07	0.07	0.08	0.15	0.09	0.07	0.07	0.12		0.10	0.12	
Q4VAE6	Ras family member A	Rhoa			0.06	0.07	0.20	0.06	0.11	0.09	0.08	0.05	0.09	0.07	
E9Q5A0	60S ribosomal protein L13a	Rpl13a	0.14	0.10	0.08	0.13	0.11	0.05	0.07	0.06	0.08	0.09	0.09	0.21	
O70569	Ribosomal protein S14	rps14		0.09	0.15	0.13	0.09	0.10	0.10	0.08		0.13	0.12	0.16	
Q8BT90	Putative uncharacterized protein	Rps17	0.07		0.13	0.12	0.10	0.07	0.09	0.09			0.11	0.09	
Q5M9P3	Rps19 protein	Rps19			0.06	0.11		0.08	0.10	0.07			0.13	0.08	
Q9CQK2	40S ribosomal protein S24	Rps24	0.13	0.08	0.09	0.14	0.15	0.08	0.09	0.06		0.09	0.10	0.21	
Q3UCL7	Putative uncharacterized protein	Rps3	0.76	0.56	0.65	0.54	0.65	0.37	0.47	0.32	0.64	0.59	0.70	0.54	
Q3UK56	Putative uncharacterized protein	Rps3	0.72	0.56	0.58	0.45	0.54	0.31	0.41	0.27	0.55	0.55	0.63	0.46	
Q5BLK1	40S ribosomal protein S6	Rps6	0.25	0.21	0.16	0.16	0.12	0.09	0.14	0.11	0.13	0.21	0.18	0.23	
P10833	Ras-related protein R-Ras	Rras						0.02	0.01		0.02			0.01	
F8WJEO	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	Samhd1		0.03				0.01			0.01			0.01	
Q9JLI8	Squamous cell carcinoma antigen recognized by T-cells 3	Sart3												0.01	
P70122	Ribosome maturation protein SBDS	Sbds									0.02		0.02	0.01	
Q99JR1	Sideroflexin-1	Sfxn1	0.07	0.08	0.04	0.05	0.04	0.04	0.02	0.03	0.03	0.05	0.02	0.06	
Q69ZN1	MKIAA1252 protein	Sgpl1	0.09	0.09	0.07	0.04	0.02	0.03	0.02	0.02	0.04		0.05	0.04	
Q3TKT4	Transcription activator BRG1	Smarca4		0.06		0.03		0.01			0.03	0.08			
A0A087WSP5	Signal transducer and activator of transcription	Stat1						0.02							
Q9JI10	Serine/threonine-protein kinase 3	Stk3		0.05		0.02		0.01						0.01	
Q9JI11	Serine/threonine-protein kinase 4	Stk4		0.04		0.02		0.01						0.01	
Q99JB2	Stomatin-like protein 2, mitochondrial	Stoml2	0.08	0.10	0.06	0.16	0.05	0.10	0.05	0.05	0.08		0.06	0.04	
Q6A028	Switch-associated protein 70	Swap70			0.03						0.02		0.02		
Q7TMK9	Heterogeneous nuclear ribonucleoprotein Q	Syncrip			0.02	0.02	0.04	0.02	0.01	0.01	0.02		0.02	0.01	
Q62351	Transferrin receptor protein 1	Tfrc	0.29	0.27	0.21	0.23	0.15	0.14	0.19	0.17	0.13	0.33	0.23	0.15	
G3X8Y8	Toll-like receptor	Tlr2		0.03	0.01	0.01	0.02				0.02		0.05	0.02	
Q548J0	Tlr7 protein	Tlr7			0.02		0.02							0.02	
Q3TBT3	Stimulator of interferon genes protein	Tmem173				0.02									
Q3TFA9	Putative uncharacterized protein	Tmod3					0.03		0.01		0.05				
Q3UR33	Putative uncharacterized protein	Tmpo		0.10	0.05			0.03	0.02	0.02		0.12	0.03		
Q61033	Lamina-associated polypeptide 2, isoforms alpha/zeta	Tmpo		0.06									0.10		
P06804	Tumor necrosis factor	Tnf			0.06	0.01			0.05					0.08	
Q01320	DNA topoisomerase 2-alpha	Top2a		0.03		0.01		0.01			0.02				
F8WHQ1	Tumor protein D52	Tpd52												0.02	
Q3U3X7	Putative uncharacterized protein	Trim25			0.01										
Q62318	Transcription intermediary factor 1-beta	Trim28	0.24	0.21	0.12	0.09	0.03	0.12	0.02	0.01	0.08	0.34	0.06	0.03	
Q3TJ75	60 kDa SS-A/Ro ribonucleoprotein	Trove2			0.02										
P61089	Ubiquitin-conjugating enzyme E2 N	Ube2n			0.02	0.03		0.03	0.02	0.03			0.04	0.07	
E9PYK0	Protein unc-93 homolog B1	Unc93b1				0.01	0.02	0.01		0.01	0.02		0.02	0.01	
B0QZN5	Vesicle-associated membrane protein 2	Vamp2								0.02				0.01	
Q3TXC4	Putative uncharacterized protein	Vav1			0.02	0.02		0.01			0.03			0.01	
Q3TFD9	Putative uncharacterized protein	Vim	0.49	0.69	0.50	0.55	0.33	0.29	0.02	0.07	0.11	0.49	0.04	0.06	
Q3TWW0	Putative uncharacterized protein	Vim	0.46	0.64	0.49	0.54	0.32	0.29	0.02	0.07	0.11	0.46	0.04	0.06	

