

Supplementary Table 14: list of proteins linked to immune functions modulated in response to at least one size of polystyrene beads

acc number	gene_name	description	T test 10 μ m	ratio 10 μ m/ctrl	T test 1 μ m	Ratio 1 μ m/ctrl	T test 0.1 μ m	Ratio 0.1 μ m/ctrl
P97449	Anpep	Aminopeptidase N (CD13)	1.91239E-05	6.876772415	0.629617641	0.647573681	0.154371624	0.217699926
P10107	Anxa1	Annexin A1	0.001002834	1.528699747	0.512004119	1.051545773	0.397983632	0.945424878
Q9EPB4	Pycard	Apoptosis-associated speck-like protein containing a CARD	0.032329891	1.983375639	0.006755712	2.522689862	0.006089771	2.296095695
Q62167	Ddx3x	ATP-dependent RNA helicase DDX3X	0.040328196	1.252860442	0.009966678	1.350672537	0.003286708	1.44947427
A2AIV8	Card9	Caspase recruitment domain-containing protein 9	0.001379414	6.822137579	0.000110031	7.03379854	0.004363748	4.912521754
P29452	Casp1	Caspase-1	0.001296324	2.201539307	0.00456577	1.975929712	0.013559604	1.73820356
Q62192	Cd180	CD180 antigen	0.000702312	3.620705113	0.008550975	2.57665573	0.009853708	2.540436445
Q9JLQ0	Cd2ap	CD2-associated protein	0.003665699	1.915501077	0.000910105	2.113649158	0.005225837	1.698911944
P14106	C1qb	Complement C1q subcomponent subunit B	0.047209659	0.652621336	0.607307757	0.92260115	0.978000489	1.003729675
Q921X6	Polr3f	DNA-directed RNA polymerase III subunit RPC6	0.003637365	18.69713065	0.243499042	8.422442615	0.220591337	9.67947443
Q80V11	Trim56	E3 ubiquitin-protein ligase TRIM56	0.042826997	2.941342749	0.011114659	3.63591993	0.073236311	2.522607317
Q61510	Trim25	E3 ubiquitin/ISG15 ligase TRIM25	0.001749953	3.058083931	0.000287344	2.750313493	0.000509881	2.532866505
Q8BPU7	Elmo1	Engulfment and cell motility protein 1	4.5421E-05	4.469032571	0.000499486	3.497496692	0.000255631	3.294607965
Q8K1B8	Fermt3	Fermitin family homolog 3	0.000925041	1.586817231	0.001009073	1.580736085	0.002179855	1.485028103
P16110	Lgals3	Galectin-3	0.005679999	2.450410003	0.002795383	1.763232581	0.001835606	1.547134341
Q9D8T2	Gsdmdc1	Gasdermin-D	0.000151216	2.434267864	0.000138786	2.291592497	0.005209978	1.750831789
P24063	Itgal	Integrin alpha-L (CD11a)	0.018296294	0.578454941	0.032731979	0.645078432	0.109326155	0.767122906
P05555	Itgam	Integrin alpha-M (CD11b)	0.83776754	0.98196527	0.022424269	0.713332401	0.105971364	0.829083038
P56477	Irf5	Interferon regulatory factor 5	0.002294709	2.779276888	0.000713567	3.239158432	0.001937721	2.778690271
Q03963	Eif2ak2	Interferon-induced, double-stranded RNA-activated protein kinase	0.000542224	1.977933628	0.003391217	1.881132676	0.000275574	1.852538178
Q99N69	Lpxn	Leupaxin	0.000146681	2.973843077	0.007256739	2.334035244	0.001556614	2.31247393
P31996	Cd68	Macrosialin	0.000274656	1.978126353	0.281482401	0.926601283	0.883105325	0.988598474
O35309	Nmi	N-myc-interactor	0.042533351	1.703461635	0.002647066	2.083293812	0.005153308	1.981926593
O70145	Ncf2	Neutrophil cytosol factor 2	0.006121144	1.826461078	0.002987767	1.949739065	0.004977818	1.84478308
P97369	Ncf4	Neutrophil cytosol factor 4	0.004695355	1.294815545	0.02814651	1.270987235	0.012278336	1.241051812
P97814	Pstpip1	Proline-serine-threonine phosphatase-interacting protein 1	0.014045234	3.133931408	0.00230981	2.847212691	0.005351924	2.571277801
Q18P16	Cd84	SLAM family member 5	0.047172182	2.237641124	0.814493971	1.067129795	0.320649952	0.612968141
Q6R5N8	Tlr13	Toll-like receptor 13	0.000108834	4.149321283	0.102534718	1.609274534	0.041197194	1.914494797
P58681	Tlr7	Toll-like receptor 7	0.136624355	2.026526903	0.329890969	1.578535731	0.042398179	2.610406782
Q9D8Y7	Tnfaip8l2	Tumor necrosis factor alpha-induced protein 8-like protein 2	0.006922996	3.070611722	0.008004719	3.078086673	0.063407916	2.312875515
P21855	Cd72	<i>B-cell differentiation antigen CD72</i>	0.497830381	1.341184475	0.428258605	1.38482244	0.163769061	1.732342061
P30993	C5ar1	<i>C5a anaphylatoxin chemotactic receptor 1 (CD88)</i>	0.617687207	0.817927105	0.205022066	0.503991436	0.478948018	0.722662606
Q61490	Alcam	<i>CD166 antigen</i>	0.279199248	1.413293388	0.978747516	0.990792284	0.653595736	0.846763225
P15379	Cd44	<i>CD44 antigen</i>	0.498466134	1.09693769	0.769761814	0.96613995	0.776184786	0.965671659
P35762	Cd81	<i>CD81 antigen</i>	0.519180568	0.71698757	0.167923532	0.40919493	0.515302939	0.746434035
P04441	Cd74	<i>H-2 class II histocompatibility antigen gamma chain</i>	0.122225222	0.649383948	0.066521526	0.553134317	0.616401797	0.894075947
Q00651	Itga4	<i>Integrin alpha-4 (CD49d)</i>	0.804793724	0.909263589	0.831530356	0.926031123	0.779325979	0.897360642
P11688	Itga5	<i>Integrin alpha-5 (CD49e)</i>	0.482946687	1.131567937	0.117872954	0.673476862	0.145393361	0.697389926
Q61739	Itga6	<i>Integrin alpha-6 (CD49f)</i>	0.121014784	0.461231025	0.181604111	0.557639398	0.434913343	0.762175243
P09055	Itgb1	<i>Integrin beta-1 (CD29)</i>	0.098908929	0.760103948	0.068311397	0.723582804	0.111993784	0.772542101
P11835	Itgb2	<i>Integrin beta-2 (CD18)</i>	0.261487207	1.132357706	0.160134088	0.812269122	0.099005302	0.782981639
P08101	Fcgr2	<i>Low affinity immunoglobulin gamma Fc region receptor II (CD32)</i>	0.266877615	1.345786632	0.506193524	0.805458637	0.489085034	0.796694654
P08508	Fcgr3	<i>Low affinity immunoglobulin gamma Fc region receptor III (CD16)</i>	0.212257755	1.40300817	0.604674489	0.848542487	0.587011973	0.840954471
P09581	Csflr	<i>Macrophage colony-stimulating factor 1 receptor (CD115)</i>	0.496958268	0.854898433	0.23902769	0.734270651	0.828358478	0.956145898
P30204	Msr1	<i>Macrophage scavenger receptor types I and II (CD204)</i>	0.85559991	0.961091742	0.260784998	0.780186081	0.635088636	0.906896417
P10810	Cd14	<i>Monocyte differentiation antigen CD14</i>	0.368029921	1.112970191	0.647430285	0.944190641	0.607211753	0.930552896
Q9QUN7	Tlr2	<i>Toll-like receptor 2</i>	0.639723607	0.851377895	0.093532771	0.419516828	0.593847272	0.801213818