

Supplementary Table 2. Results obtained by Perseus from the comparative analysis of serum proteins identified on PA and MC04 surfaces with respect to the combination of treatments MC04+PA. Differential proteins that showed a $p \leq 0.05$ and a ratio greater than 1.5 were marked in yellow. Proteins that were more adsorbed on MC04+PA with respect to the individual treatments (MC04, PA) were marked in red. While those less adsorbed were marked in green.

Uniprot code	Protein name	Unique peptides	MC04+PA/MC04		MC04+PA/PA	
			p value	Ratio	p value	Ratio
SPB12	Serpin B12	2	3.2E-03	8.10	8.7E-03	5.82
FA10	Coagulation factor X	9	4.2E-02	5.88	8.3E-01	0.87
DSC1	Desmocollin-1	6	8.5E-04	4.18	1.5E-01	2.45
CO8B	Complement component C8 beta chain	5	2.8E-02	3.12	8.2E-01	0.90
FHR5	Complement factor H-related protein 5	5	1.1E-02	2.96	1.7E-02	3.25
SAMP	Serum amyloid P-component	10	8.7E-05	2.78	1.7E-01	0.84
TETN	Tetranectin	9	1.6E-03	2.48	2.0E-01	1.13
C4BPB	C4b-binding protein beta chain	5	3.9E-02	2.40	2.2E-01	0.81
PCOC1	Procollagen C-endopeptidase enhancer 1	5	9.1E-03	1.70	7.0E-02	1.36
HRG	Histidine-rich glycoprotein	15	8.4E-03	1.69	4.0E-01	1.12
ANT3	Antithrombin-III	23	3.6E-02	0.65	3.1E-01	0.86
KLKB1	Plasma kallikrein	16	2.8E-03	0.65	2.8E-01	0.89
HV102	Immunoglobulin heavy variable 1-2	1	1.1E-02	0.62	4.7E-02	0.23
HV118	Immunoglobulin heavy variable 1-18	1	1.6E-02	0.61	9.2E-01	0.99
HV307	Immunoglobulin heavy variable 3-7	2	8.7E-03	0.60	9.6E-03	0.69
CO8A	Complement component C8 alpha chain	8	1.4E-02	0.60	1.3E-01	0.74
KV315	Immunoglobulin kappa variable 3-15	1	3.7E-02	0.59	3.5E-01	0.82
VTNC	Vitronectin	21	2.5E-03	0.57	4.6E-01	0.91
PLF4	Platelet factor 4	2	9.6E-03	0.53	2.5E-02	0.59
HV372	Immunoglobulin heavy variable 3-72	2	6.4E-03	0.50	5.8E-03	0.55
KV401	Immunoglobulin kappa variable 4-1	4	5.9E-03	0.50	6.2E-04	0.71
PROP	Properdin	5	2.6E-02	0.49	3.5E-02	0.56
CBPB2	Carboxypeptidase B2	8	7.5E-03	0.49	1.3E-02	0.49
APOE	Apolipoprotein E	27	1.8E-05	0.46	8.8E-01	0.99
KNG1	Kininogen-1	26	2.2E-04	0.46	7.2E-01	0.96
APOA	Apolipoprotein A	5	2.7E-02	0.43	2.8E-02	0.45
HV459	Immunoglobulin heavy variable 4-59	2	1.4E-02	0.42	6.1E-02	0.57
FA11	Coagulation factor XI	31	5.5E-03	0.41	8.7E-01	1.04
LV211	Immunoglobulin lambda variable 2-11	1	2.9E-02	0.37	3.2E-01	0.57
HV43D	Immunoglobulin heavy variable 3-43D	1	2.9E-02	0.37	7.6E-02	0.47
HV146	Immunoglobulin heavy variable 1-46	1	3.5E-02	0.33	6.0E-02	0.40
HABP2	Hyaluronan-binding protein 2	16	4.6E-02	0.32	9.7E-04	0.51

SAA4	Serum amyloid A-4 protein	4	2.9E-06	0.32	9.2E-01	1.01
CRP	C-reactive protein	5	4.7E-02	0.31	2.1E-01	0.52
KV108	Immunoglobulin kappa variable 1-8	2	1.1E-04	0.10	1.4E-01	0.30
APOC2	Apolipoprotein C-II	3	6.8E-02	1.29	2.6E-02	1.63
C1QA	Complement C1q subcomponent subunit A	2	3.9E-01	1.22	4.4E-02	0.62
CO2	Complement C2	4	7.0E-01	1.08	4.6E-04	0.60
C1QC	Complement C1q subcomponent subunit C	5	2.8E-01	0.87	2.7E-04	0.53
FA9	Coagulation factor IX	8	8.2E-01	0.89	2.9E-02	0.51
APOA	Apolipoprotein A	5	2.8E-01	1.06	2.8E-02	0.45
PF4V	Platelet factor 4 variant	1	7.2E-01	0.89	2.0E-02	0.20