

Supplementary material

Table S1. Acquired salivary proteins and peptides detected on titanium and feldspathic ceramic surfaces

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P61604	10 kDa heat shock protein	<i>HSPE1</i>	10.932	0	38.331	+	+
P31946	14-3-3 protein beta/alpha	<i>YWHAB</i>	28.082	0	27.442	-	+
P62258	14-3-3 protein epsilon	<i>YWHAE</i>	29.174	0	26.999	+	+
P31947	14-3-3 protein sigma	<i>SFN</i>	27.774	0	323.310	+	+
P27348	14-3-3 protein theta	<i>YWHAQ</i>	27.764	0	6.026	+	+
P63104	14-3-3 protein zeta/delta	<i>YWHAZ</i>	27.745	0	323.310	+	+
E5RGC7	28S ribosomal protein S28	<i>MRPS28</i>	11.747	0.001	2.110	+	-
P46783	40S ribosomal protein S10	<i>RPS10</i>	18.898	0	7.188	+	-
P25398	40S ribosomal protein S12	<i>RPS12</i>	14.515	0	12.302	+	+
I3L3P7	40S ribosomal protein S15a	<i>RPS15A</i>	11.477	0	5.457	+	-
P62269	40S ribosomal protein S18	<i>RPS18</i>	17.718	0	44.435	+	-
H0YEN5	40S ribosomal protein S2	<i>RPS2</i>	21.154	0	10.343	+	-
H0Y8L7	40S ribosomal protein S3a	<i>RPS3A</i>	22.137	0.002	3.664	+	-
P62701	40S ribosomal protein S4, X isoform	<i>RPS4X</i>	29.597	0	32.952	+	-
P62753	40S ribosomal protein S6	<i>RPS6</i>	28.680	0	7.289	+	-
P62081	40S ribosomal protein S7	<i>RPS7</i>	22.127	0	12.799	+	-
Q5JR95	40S ribosomal protein S8	<i>RPS8</i>	21.879	0	21.677	+	-
P10809	60 kDa heat shock protein	<i>HSPD1</i>	61.054	0	184.440	+	+
P05386	60S acidic ribosomal protein P1	<i>RPLP1</i>	11.514	0	25.891	+	+
P05387	60S acidic ribosomal protein P2	<i>RPLP2</i>	11.665	0	35.789	+	-
P62906	60S ribosomal protein L10a	<i>RPL10A</i>	24.831	0.001	1.912	+	-
P30050	60S ribosomal protein L12	<i>RPL12</i>	17.818	0	36.473	+	-

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P26373	60S ribosomal protein L13	<i>RPL13</i>	24.261	0	9.378	+	-
J3QQT2	60S ribosomal protein L17	<i>RPL17</i>	19.586	0	40.597	+	-
P46778	60S ribosomal protein L21	<i>RPL21</i>	18.565	0	26.934	+	-
E9PJD9	60S ribosomal protein L27a	<i>RPL27A</i>	10.127	0.001	2.704	+	-
J3KT73	60S ribosomal protein L38	<i>RPL38</i>	7.5649	0	90.283	+	-
Q02878	60S ribosomal protein L6	<i>RPL6</i>	32.728	0	27.736	+	+
E9PKZ0	60S ribosomal protein L8	<i>RPL8</i>	22.389	0.002	3.316	+	-
P52209	6-phosphogluconate dehydrogenase	<i>PGD</i>	53.139	0	154.670	+	+
P11021	78 kDa glucose-regulated protein	<i>HSPA5</i>	72.332	0	159.160	+	+
H0YN26	Acidic leucine-rich nuclear phosphoprotein 32 family member A	<i>ANP32A</i>	19.997	0	9.414	+	-
A2A274	Aconitate hydratase	<i>ACO2</i>	87.819	0	73.748	-	+
P68133	Actin, alpha skeletal muscle	<i>ACTA1</i>	42.051	0	61.940	+	+
P60709	Actin, cytoplasmic 1	<i>ACTB</i>	41.736	0	323.310	+	+
P63261	Actin, cytoplasmic 2	<i>ACTG1</i>	41.792	0	149.770	+	+
F8VR50	Actin-related protein 2/3 complex subunit 3	<i>ARPC3</i>	9.7261	0	5.957	+	-
F8WCF6	Actin-related protein 2/3 complex subunit 4	<i>ARPC4</i>	21.058	0	6.376	-	+
B8ZWD1	Acyl-CoA-binding protein	<i>DBI</i>	11.150	0	49.419	+	+
P23526	Adenosylhomocysteinase	<i>AHCY</i>	47.716	0	31.345	+	-
F8W1A4	Adenylate kinase 2	<i>AK2</i>	25.630	0	13.275	+	-
Q01518	Adenylyl cyclase-associated protein 1	<i>CAP1</i>	51.901	0	66.387	+	+
Q15847	Adipogenesis regulatory factor	<i>ADIRF</i>	7.855	0	28.569	+	-
F5H423	ADP-ribosylation factor 1	<i>ARF1</i>	23.346	0.002	3.866	+	-
C9JMC5	Aldehyde dehydrogenase, dimeric NADP-preferring	<i>ALDH3A1</i>	41.647	0	43.332	+	+
P02763	Alpha-1-acid glycoprotein 1	<i>ORM1</i>	23.511	0	99.424	+	+
P01011	Alpha-1-antichymotrypsin	<i>SERPINA3</i>	47.650	0.002	4.147	+	-
P01009	Alpha-1-antitrypsin	<i>SERPINA1</i>	46.736	0	323.310	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P04217	Alpha-1B-glycoprotein	<i>A1BG</i>	54.253	0	20.495	+	-
C9JV77	Alpha-2-HS-glycoprotein	<i>AHSG</i>	39.411	0	323.310	+	+
P01023	Alpha-2-macroglobulin	<i>A2M</i>	163.290	0	323.310	+	+
A8K2U0	Alpha-2-macroglobulin-like protein 1	<i>A2ML1</i>	161.100	0	139.270	+	+
O43707	Alpha-actinin-4	<i>ACTN4</i>	104.850	0	45.992	+	+
P04745	Alpha-amylase 1	<i>AMY1A</i>	57.767	0	323.310	+	+
P06733	Alpha-enolase	<i>ENO1</i>	47.168	0	323.310	+	+
H7C0V9	Amyloid beta A4 protein	<i>APP</i>	54.981	0	11.414	+	+
P03950	Angiogenin	<i>ANG</i>	16.550	0	14.935	+	+
P04083	Annexin A1	<i>ANXA1</i>	38.714	0	274.520	+	+
P07355	Annexin A2	<i>ANXA2</i>	38.604	0	204.250	+	+
P03973	Antileukoproteinase	<i>SLPI</i>	14.326	0	323.310	+	+
P01008	Antithrombin-III	<i>SERPINC1</i>	52.602	0	9.259	+	-
P02647	Apolipoprotein A-I	<i>APOA1</i>	30.777	0	323.310	+	+
V9GYG9	Apolipoprotein A-II	<i>APOA2</i>	10.649	0	52.050	+	+
P06727	Apolipoprotein A-IV	<i>APOA4</i>	45.398	0	172.230	+	+
P04114	Apolipoprotein B-100	<i>APOB</i>	489.830	0	16.214	-	+
P54253	Ataxin-1	<i>ATXN1</i>	86.922	0.001	2.986	-	+
P25705	ATP synthase subunit alpha	<i>ATP5A1</i>	59.750	0	123.550	-	+
P06576	ATP synthase subunit beta	<i>ATP5B</i>	56.559	0	223.450	+	-
O15523	ATP-dependent RNA helicase DDX3Y	<i>DDX3Y</i>	73.153	0	8.269	+	-
G3V1R1	Basic salivary proline-rich protein 1	<i>PRB1</i>	17.672	0	6.693	+	+
P02812	Basic salivary proline-rich protein 2	<i>PRB2</i>	40.799	0	171.050	+	+
F5H7C1	Basic salivary proline-rich protein 3	<i>PRB3</i>	35.122	0	17.983	+	+
E7EXA8	Basic salivary proline-rich protein 4	<i>PRB4</i>	18.011	0	24.669	+	+
P02749	Beta-2-glycoprotein 1	<i>APOH</i>	38.298	0	160.400	+	+

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H0YL18	Beta-2-microglobulin	<i>B2M</i>	13.972	0	122.650	+	+
P07686	Beta-hexosaminidase subunit beta	<i>HEXB</i>	63.111	0	6.542	-	+
Q9NP55	BPI fold-containing family A member 1	<i>BPIFA1</i>	26.712	0	6.238	+	-
Q96DR5	BPI fold-containing family A member 2	<i>BPIFA2</i>	27.011	0	227.990	+	+
Q8TDL5	BPI fold-containing family B member 1	<i>BPIFB1</i>	52.441	0	154.920	+	+
Q8N4F0	BPI fold-containing family B member 2	<i>BPIFB2</i>	49.172	0	295.060	+	+
P80723	Brain acid soluble protein 1	<i>BASP1</i>	22.693	0	6.496	+	+
H0Y7A7	Calmodulin	<i>CALM1</i>	20.762	0	141.550	+	+
P27482	Calmodulin-like protein 3	<i>CALML3</i>	16.891	0	240.510	+	+
Q9NZT1	Calmodulin-like protein 5	<i>CALML5</i>	15.892	0	18.248	+	+
P27797	Calreticulin	<i>CALR</i>	48.141	0	144.050	+	+
O43852	Calumenin	<i>CALU</i>	37.106	0	7.479	+	+
E5RH81	Carbonic anhydrase 1	<i>CA1</i>	19.236	0	12.570	+	-
P23280	Carbonic anhydrase 6	<i>CA6</i>	35.366	0	323.310	+	+
P07858	Cathepsin B	<i>CTSB</i>	37.821	0	114.650	+	+
P07339	Cathepsin D	<i>CTSD</i>	44.552	0	49.403	+	+
Q5T8F0	Cathepsin L1	<i>CTSL</i>	25.500	0.006	1.194	+	-
P60953	Cell division control protein 42 homolog	<i>CDC42</i>	21.258	0	5.398	+	-
P29373	Cellular retinoic acid-binding protein 2	<i>CRABP2</i>	15.693	0	7.859	+	-
P00450	Ceruloplasmin	<i>CP</i>	122.200	0	77.473	+	+
P36222	Chitinase-3-like protein 1	<i>CHI3L1</i>	42.625	0.001	2.668	-	+
P10909	Clusterin	<i>CLU</i>	52.494	0	138.440	+	+
P00748	Coagulation factor XII	<i>F12</i>	67.791	0	74.668	+	+
P23528	Cofilin-1	<i>CFL1</i>	18.502	0	208.150	+	+
Q96CT7	Coiled-coil domain-containing protein 124	<i>CCDC124</i>	25.835	0.005	1.317	+	-
P02452	Collagen alpha-1(I) chain	<i>COL1A1</i>	138.940	0	84.482	+	+

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P08123	Collagen alpha-2(I) chain	<i>COL1A2</i>	129.150	0	119.690	+	+
P01024	Complement C3	<i>C3</i>	187.150	0	323.310	+	+
P0COL4	Complement C4-B	<i>C4B</i>	192.780	0	287.410	+	+
Q07021	Complement component 1 Q subcomponent-binding protein	<i>C1QBP</i>	31.362	0	50.237	+	-
B4E1Z4	Complement factor B	<i>CFB</i>	140.940	0	66.899	+	+
P08603	Complement factor H	<i>CFH</i>	139.090	0	253.340	+	+
P35321	Cornifin-A	<i>SPRR1A</i>	9.877	0	107.850	+	+
P22528	Cornifin-B	<i>SPRR1B</i>	9.888	0	158.830	+	+
Q9UBG3	Cornulin	<i>CRNN</i>	53.533	0	323.310	+	+
P31146	Coronin-1A;Coronin	<i>CORO1A</i>	51.026	0	90.289	+	+
P04080	Cystatin-B	<i>CSTB</i>	11.139	0	134.160	+	+
P01034	Cystatin-C	<i>CST3</i>	15.799	0	226.520	+	+
P28325	Cystatin-D	<i>CST5</i>	16.080	0	323.310	+	+
P01036	Cystatin-S	<i>CST4</i>	16.214	0	323.310	+	+
P09228	Cystatin-SA	<i>CST2</i>	16.445	0	289.390	+	+
P01037	Cystatin-SN	<i>CST1</i>	16.387	0	323.310	+	+
J3KPA1	Cysteine-rich secretory protein 3	<i>CRISP3</i>	30.975	0	173.210	+	+
P32320	Cytidine deaminase	<i>CDA</i>	16.185	0	20.168	+	+
Q9UGM3	Deleted in malignant brain tumors 1 protein	<i>DMBT1</i>	260.730	0	323.310	+	+
Q02487	Desmocollin-2	<i>DSC2</i>	99.961	0	155.040	+	+
Q02413	Desmoglein-1	<i>DSG1</i>	113.750	0.002	3.501	+	+
P32926	Desmoglein-3	<i>DSG3</i>	107.530	0	63.865	+	+
F6RFD5	Destrin	<i>DSTN</i>	15.397	0.002	3.231	+	-
O60216	Double-strand-break repair protein rad21	<i>RAD21</i>	71.689	0.003	1.707	+	-
Q76N89	E3 ubiquitin-protein ligase HECW1	<i>HECW1</i>	179.550	0.003	1.704	+	+
Q12805	EGF-containing fibulin-like extracellular matrix protein 1	<i>EFEMP1</i>	54.640	0	39.828	+	+

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P19957	Elafin	<i>PI3</i>	12.269	0	8.603	+	+
Q5VTE0	Elongation factor 1-alpha 1	<i>EEF1A1</i>	50.184	0	92.366	+	+
E9PNW6	Elongation factor 1-delta	<i>EEF1D</i>	4.227	0.001	3.029	+	-
P26641	Elongation factor 1-gamma	<i>EEF1G</i>	50.118	0	26.082	+	+
P13639	Elongation factor 2	<i>EEF2</i>	95.337	0	64.550	+	+
P14625	Endoplasmin	<i>HSP90B1</i>	92.468	0	28.754	+	-
Q5HYB6	Epididymis luminal protein 189	<i>TPM3</i>	27.175	0	51.025	+	+
Q16610	Extracellular matrix protein 1	<i>ECM1</i>	60.673	0.002	4.097	+	+
E7EQR4	Ezrin	<i>EZR</i>	69.371	0	225.510	+	+
Q01469	Fatty acid-binding protein	<i>FABP5</i>	15.164	0	323.310	+	+
P02671	Fibrinogen alpha chain	<i>FGA</i>	94.972	0	323.310	+	+
P02675	Fibrinogen beta chain	<i>FGB</i>	55.928	0	323.310	+	+
C9JEU5	Fibrinogen gamma chain	<i>FGG</i>	50.322	0	228.070	+	+
P02751	Fibronectin	<i>FN1</i>	262.620	0	105.410	+	+
P23142	Fibulin-1	<i>FBLN1</i>	77.213	0.001	3.110	+	-
Q5HY54	Filamin-A	<i>FLNA</i>	276.550	0	10.279	+	-
P15328	Folate receptor alpha	<i>FOLR1</i>	29.819	0	171.500	+	+
Q8NFU4	Follicular dendritic cell secreted peptide	<i>FDCSP</i>	9.700	0.001	2.101	+	+
P04075	Fructose-bisphosphate aldolase A	<i>ALDOA</i>	39.420	0	200.800	+	+
P09972	Fructose-bisphosphate aldolase C	<i>ALDOC</i>	39.455	0	19.610	+	+
P09382	Galectin-1	<i>LGALS1</i>	14.716	0	32.436	+	-
P17931	Galectin-3	<i>LGALS3</i>	26.152	0	6.677	+	-
Q08380	Galectin-3-binding protein	<i>LGALS3BP</i>	65.330	0	205.070	+	+
P06744	Glucose-6-phosphate isomerase	<i>GPI</i>	64.824	0	57.487	+	+
P14314	Glucosidase 2 subunit beta	<i>PRKCSH</i>	60.192	0	84.794	+	+
P09211	Glutathione S-transferase P	<i>GSTP1</i>	23.356	0	323.310	+	+

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P04406	Glyceraldehyde-3-phosphate dehydrogenase	<i>GAPDH</i>	36.053	0	323.310	+	+
Q92896	Golgi apparatus protein 1	<i>GLG1</i>	134.550	0	46.042	+	+
Q8NBJ4	Golgi membrane protein 1	<i>GOLM1</i>	45.333	0	6.801	+	+
P28799	Granulins	<i>GRN</i>	63.544	0	145.560	+	+
Q9HAV7	GrpE protein homolog 1	<i>GRPEL1</i>	24.279	0.001	2.876	+	-
B5MDF5	GTP-binding nuclear protein Ran	<i>RAN</i>	26.224	0	13.673	+	+
P00738	Haptoglobin	<i>HP</i>	45.205	0	297.690	+	+
P08107	Heat shock 70 kDa protein 1A/1B	<i>HSPA1A</i>	70.051	0	105.400	+	+
P17066	Heat shock 70 kDa protein 6	<i>HSPA6</i>	71.027	0	10.188	+	+
E9PKE3	Heat shock cognate 71 kDa protein	<i>HSPA8</i>	68.805	0	105.970	+	+
O75506	Heat shock factor-binding protein 1	<i>HSBP1</i>	8.5435	0	10.867	-	+
P04792	Heat shock protein beta-1	<i>HSPB1</i>	22.782	0	11.232	+	+
P07900	Heat shock protein HSP 90-alpha	<i>HSP90AA1</i>	84.659	0	186.580	+	+
P08238	Heat shock protein HSP 90-beta	<i>HSP90AB1</i>	83.263	0	161.300	+	+
Q8NDA2	Hemicentin-2	<i>HMCN2</i>	62.860	0.005	1.290	+	+
P69905	Hemoglobin subunit alpha	<i>HBA1</i>	15.257	0	323.310	+	+
P68871	Hemoglobin subunit beta	<i>HBB</i>	15.998	0	323.310	+	+
P02042	Hemoglobin subunit delta	<i>HBD</i>	16.055	0	35.870	+	+
P02790	Hemopexin	<i>HPX</i>	51.676	0	215.130	+	+
P51858	Hepatoma-derived growth factor	<i>HDGF</i>	26.788	0	157.130	+	+
D6R9P3	Heterogeneous nuclear ribonucleoprotein A/B	<i>HNRNPAB</i>	30.302	0	15.992	+	-
D6RD83	Heterogeneous nuclear ribonucleoprotein D0	<i>HNRNPD</i>	9.9407	0.004	1.516	+	-
Q5T6W5	Heterogeneous nuclear ribonucleoprotein K	<i>HNRNPK</i>	47.557	0	29.681	+	-
G3V576	Heterogeneous nuclear ribonucleoproteins C1/C2	<i>HNRNPC</i>	25.256	0	24.166	+	+
P05204	High mobility group nucleosome-binding domain-containing protein 3	<i>HMGN3</i>	9.393	0.005	1.433	+	+

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P09429	High mobility group protein B1	<i>HMGB1</i>	24.893	0	60.708	+	+
P26583	High mobility group protein B2	<i>HMGB2</i>	24.033	0	93.792	+	+
P15515	Histatin-1;His1-(31-57)-peptide	<i>HTN1</i>	6.963	0	191.070	+	+
P04196	Histidine-rich glycoprotein	<i>HRG</i>	59.578	0	194.230	+	+
P16403	Histone H1.2	<i>HIST1H1C</i>	21.364	0	12.666	+	-
P16401	Histone H1.5	<i>HIST1H1B</i>	22.580	0.002	3.647	+	-
Q16777	Histone H2A type 2-C	<i>HIST2H2AC</i>	13.988	0	102.700	+	+
Q71UI9	Histone H2A.V	<i>H2AFV</i>	13.509	0	71.539	+	-
U3KQK0	Histone H2B type 1-K	<i>HIST1H2BK</i>	18.804	0	50.412	+	+
Q5TEC6	Histone H3	<i>HIST2H3PS2</i>	15.430	0	7.789	+	-
Q71DI3	Histone H3.2	<i>HIST2H3A</i>	15.388	0	21.176	+	+
P62805	Histone H4	<i>HIST1H4A</i>	11.367	0	258.180	+	+
H7C3I1	Hsc70-interacting protein	<i>ST13</i>	16.219	0.002	4.758	+	+
P01876	Ig alpha-1 chain C region	<i>IGHA1</i>	37.654	0	323.310	+	+
A0A075B6N7	Ig alpha-2 chain C region	<i>IGHA2</i>	36.591	0	193.910	+	+
P01877	Ig alpha-2 chain C region	<i>IGHA2</i>	36.526	0	42.274	+	+
A0A087WV47	Ig gamma-1 chain C region	<i>IGHG1</i>	51.153	0	323.310	+	+
A0A087X079	Ig gamma-1 chain C region	<i>IGHG1</i>	51.912	0.001	1.868	-	+
A0A087WYC5	Ig gamma-1 chain C region	<i>IGHG1</i>	52.426	0	4.955	+	+
P01859	Ig gamma-2 chain C region	<i>IGHG2</i>	35.900	0	139.770	+	+
A0A087WXL8	Ig gamma-3 chain C region	<i>IGHG3</i>	56.889	0	174.090	+	+
P01861	Ig gamma-4 chain C region	<i>IGHG4</i>	35.940	0	85.277	+	+
P01766	Ig heavy chain V-III region BRO	<i>IGHV3-13</i>	13.227	0	112.740	+	+
P01765	Ig heavy chain V-III region TIL	<i>IGHV3-23</i>	11.612	0	118.390	+	+
P01598	Ig kappa chain V-I region EU	<i>IGKV1-5</i>	11.788	0	81.106	+	+
A0A087X0N5	Ig kappa chain V-I region WAT	<i>IGKVID-33</i>	10.494	0	94.219	+	+

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P01611	Ig kappa chain V-I region Wes	<i>IGKV1D-12</i>	11.608	0	5.528	+	+
P06310	Ig kappa chain V-II region Cum	<i>IGKV2D-29</i>	11.192	0	14.854	+	+
P01621	Ig kappa chain V-III region NG9	<i>IGKV3-20</i>	10.729	0.003	1.535	+	+
P01623	Ig kappa chain V-III region WOL	<i>IGKV3-20</i>	11.746	0	92.691	+	+
P01625	Ig kappa chain V-IV region Len	<i>IGKV4-1</i>	12.640	0	115.510	+	+
P01702	Ig lambda chain V-I region BL2	<i>IGLV1-51</i>	12.619	0.005	1.414	+	+
P04208	Ig lambda chain V-I region WAH	<i>IGLV1-47</i>	12.283	0	5.437	+	+
P80748	Ig lambda chain V-III region LOI	<i>IGLV3-9</i>	11.935	0	83.806	+	+
P01714	Ig lambda chain V-III region SH	<i>IGLV3-19</i>	11.392	0	38.193	+	+
P01717	Ig lambda chain V-IV region Hil	<i>IGLV3-25</i>	11.517	0	49.877	+	+
P0CG06	Ig lambda-2 chain C regions/Ig lambda-3 chain C regions	<i>IGLC2/IGLC3</i>	11.208	0	228.480	+	+
A0A087X2C0	Ig mu chain C region	<i>IGHM</i>	64.106	0	323.310	+	+
A0A087WYJ9	Ig mu heavy chain disease protein	<i>IGHM</i>	65.700	0.001	2.960	+	+
Q9Y6R7	IgGFc-binding protein	<i>FCGBP</i>	445.210	0	65.358	+	+
Q9GZP8	Immortalization up-regulated protein	<i>IMUP</i>	10.897	0.001	2.773	+	+
P01591	Immunoglobulin J chain	<i>IGJ</i>	18.098	0	77.552	+	+
P0CG04	Immunoglobulin lambda-like polypeptide 5	<i>IGLL5, IGLC1</i>	24.683	0	17.173	+	+
Q16270	Insulin-like growth factor-binding protein 7	<i>IGFBP7</i>	29.130	0.001	2.873	+	+
P19827	Inter-alpha-trypsin inhibitor heavy chain H1	<i>ITIH1</i>	101.390	0	7.165	+	-
Q5T985	Inter-alpha-trypsin inhibitor heavy chain H2	<i>ITIH2</i>	105.210	0	120.940	+	+
B7ZKJ8	Inter-alpha-trypsin inhibitor heavy chain H4	<i>ITIH4</i>	103.880	0.002	4.067	+	-
P18510	Interleukin-1 receptor antagonist protein	<i>IL1RN</i>	20.055	0	50.089	+	+
Q9UHA7	Interleukin-36 alpha	<i>IL36A</i>	17.684	0.002	4.471	+	-
P07476	Involucrin	<i>IVL</i>	68.478	0	12.321	+	-
P06870	Kallikrein-1	<i>KLK1</i>	28.889	0	96.828	+	+
J3KNA1	Kinesin heavy chain isoform 5C	<i>KIF5C</i>	107.250	0.005	1.278	+	-

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P01042	Kininogen-1	<i>KNG1</i>	71.957	0	85.087	+	+
F5H386	Lactoperoxidase	<i>LPO</i>	73.956	0	323.310	+	+
P02788	Lactotransferrin	<i>LTF</i>	78.181	0	323.310	+	+
P02545	Lamin-A/C	<i>LMNA</i>	74.139	0	6.349	+	+
P30740	Leukocyte elastase inhibitor	<i>SERPINB1</i>	42.741	0	32.787	+	+
P31025	Lipocalin-1	<i>LCN1</i>	19.250	0	179.750	+	+
A8MW50	L-lactate dehydrogenase	<i>LDHB</i>	25.218	0	16.498	+	-
P00338	L-lactate dehydrogenase A chain	<i>LDHA</i>	36.688	0	31.699	+	+
Q9BZG9	Ly-6/neurotoxin-like protein 1	<i>LYNX1</i>	14.026	0	27.554	+	-
P61626	Lysozyme C	<i>LYZ</i>	16.537	0	323.310	+	+
P14174	Macrophage migration inhibitory factor	<i>MIF</i>	12.476	0	15.449	+	+
P40926	Malate dehydrogenase	<i>MDH2</i>	35.503	0	57.354	-	+
P08493	Matrix Gla protein	<i>MGP</i>	12.353	0	63.739	+	+
P14780	Matrix metalloproteinase-9	<i>MMP9</i>	78.457	0	46.737	+	+
P55145	Mesencephalic astrocyte-derived neurotrophic factor	<i>MANF</i>	20.700	0	21.957	+	+
Q5H9A7	Metalloproteinase inhibitor 1	<i>TIMP1</i>	16.057	0	124.980	+	+
P26038	Moesin	<i>MSN</i>	67.819	0	87.902	+	+
D6RFL4	Monocyte differentiation antigen CD14	<i>CD14</i>	23.313	0.001	2.378	+	-
Q9HC84	Mucin-5B	<i>MUC5B</i>	596.330	0	323.310	+	+
Q8TAX7	Mucin-7	<i>MUC7</i>	39.158	0	67.663	+	+
U3KPS2	Myeloblastin	<i>PRTN3</i>	23.611	0	7.119	+	+
P05164	Myeloperoxidase	<i>MPO</i>	83.868	0	160.600	+	+
F8W1R7	Myosin light polypeptide 6	<i>MYL6</i>	16.290	0	23.955	+	+
J3QRS3	Myosin regulatory light chain 12A	<i>MYL12A</i>	20.457	0	17.315	+	-
P35579	Myosin-9	<i>MYH9</i>	226.530	0	164.400	+	+
F8W1N5	Nascent polypeptide-associated complex subunit alpha	<i>NACA</i>	7.813	0	43.602	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
Q09666	Neuroblast differentiation-associated protein AHNAK	<i>AHNAK</i>	629.090	0	4.875	+	+
P59666	Neutrophil defensin 3	<i>DEFA3</i>	10.245	0	39.708	+	+
P08246	Neutrophil elastase	<i>ELANE</i>	28.518	0	13.057	+	+
X6R8F3	Neutrophil gelatinase-associated lipocalin	<i>LCN2</i>	22.788	0	104.720	+	+
P43490	Nicotinamide phosphoribosyltransferase	<i>NAMPT</i>	55.520	0	14.930	+	+
P10153	Non-secretory ribonuclease	<i>RNASE2</i>	18.354	0.002	3.685	+	+
Q02818	Nucleobindin-1	<i>NUCB1</i>	53.879	0	153.450	+	+
V9HW75	Nucleobindin-2	<i>NUCB2</i>	50.222	0	323.310	+	+
P19338	Nucleolin	<i>NCL</i>	76.613	0	64.895	+	+
P06748	Nucleophosmin	<i>NPM1</i>	32.575	0	186.160	+	+
Q32Q12	Nucleoside diphosphate kinase	<i>NME1, NME2</i>	32.642	0	16.465	-	+
Q92882	Osteoclast-stimulating factor 1	<i>OSTF1</i>	23.787	0.002	4.013	+	+
P20962	Parathyrosin	<i>PTMS</i>	11.530	0.001	2.112	+	+
O75475	PC4 and SFRS1-interacting protein	<i>PSIP1</i>	60.103	0.002	4.468	+	-
P19021	Peptidyl-glycine alpha-amidating monooxygenase	<i>PAM</i>	108.330	0	22.469	+	-
P62937	Peptidyl-prolyl cis-trans isomerase A	<i>PPIA</i>	18.012	0	164.450	+	+
P23284	Peptidyl-prolyl cis-trans isomerase B	<i>PPIB</i>	23.742	0	210.760	+	+
P62942	Peptidyl-prolyl cis-trans isomerase FKBP1A	<i>FKBP1A</i>	14.926	0	18.777	+	-
Q06830	Peroxiredoxin-1	<i>PRDX1</i>	22.110	0	28.721	+	+
P32119	Peroxiredoxin-2	<i>PRDX2</i>	21.892	0.001	3.052	+	-
P30044	Peroxiredoxin-5	<i>PRDX5</i>	22.086	0	33.396	+	+
P30041	Peroxiredoxin-6	<i>PRDX6</i>	25.035	0	19.197	+	+
P30086	Phosphatidylethanolamine-binding protein 1	<i>PEBP1</i>	21.057	0	32.645	+	+
P00558	Phosphoglycerate kinase 1	<i>PGK1</i>	44.614	0	112.890	+	+
P18669	Phosphoglycerate mutase 1	<i>PGAM1</i>	28.804	0	23.953	+	+
P55058	Phospholipid transfer protein	<i>PLTP</i>	54.739	0	8.454	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P05155	Plasma protease C1 inhibitor	<i>SERPING1</i>	55.154	0	39.258	+	+
P00747	Plasminogen	<i>PLG</i>	90.568	0	260.020	+	+
Q8NC51	Plasminogen activator inhibitor 1 RNA-binding protein	<i>SERBP1</i>	44.965	0	68.499	+	+
P13796	Plastin-2	<i>LCP1</i>	70.288	0	57.475	+	+
H3BRU6	Poly(rC)-binding protein 2	<i>PCBP2</i>	31.600	0	10.627	-	+
P01833	Polymeric immunoglobulin receptor	<i>PIGR</i>	83.283	0	323.310	+	+
J3QS39	Polyubiquitin-B	<i>UBB</i>	10.469	0	48.002	+	+
H3BPF6	Prefoldin subunit 5	<i>PFDN5</i>	17.047	0	10.715	+	-
P07737	Profilin-1	<i>PFN1</i>	15.054	0	211.460	+	+
P12273	Prolactin-inducible protein	<i>PIP</i>	16.572	0	323.310	+	+
P04280	Proline-rich peptide II-2	<i>PRB1</i>	38.545	0.001	2.416	+	+
Q6MZM9	Proline-rich protein 27	<i>PRR27</i>	22.720	0	33.831	+	+
Q16378	Proline-rich protein 4	<i>PRR4</i>	16.890	0	66.158	+	+
B1AVU8	Prosaposin	<i>PSAP</i>	61.692	0	124.030	+	+
Q15185	Prostaglandin E synthase 3	<i>PTGES3</i>	19.155	0	11.038	+	-
Q16651	Prostasin	<i>PRSS8</i>	36.431	0	16.339	+	-
Q06323	Proteasome activator complex subunit 1	<i>PSME1</i>	28.723	0	6.004	+	-
P25787	Proteasome subunit alpha type-2	<i>PSMA2</i>	25.898	0	26.686	+	-
P02760	Protein AMBP	<i>AMBP</i>	38.999	0.002	4.514	+	+
P07237	Protein disulfide-isomerase	<i>P4HB</i>	57.116	0	228.670	+	+
P30101	Protein disulfide-isomerase A3	<i>PDIA3</i>	56.782	0	32.603	+	+
H7BZJ3	Protein disulfide-isomerase A3	<i>PDIA3</i>	13.519	0.001	2.7767	+	-
P13667	Protein disulfide-isomerase A4	<i>PDIA4</i>	72.932	0	13.580	+	+
B3EWG6	Protein FAM25G	<i>FAM25G</i>	9.320	0	50.200	+	+
A0A0A0MS12	Protein IGHV4-34	<i>IGHV4-34</i>	13.815	0.003	1.573	+	+
A0A087WZW8	Protein IGKV3-11	<i>IGKV3-11</i>	25.600	0	323.310	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
P31949	Protein S100-A11	<i>S100A11</i>	11.740	0	111.790	+	+
P80511	Protein S100-A12	<i>S100A12</i>	10.575	0	74.065	+	+
R4GN49	Protein S100-A2	<i>S100A2</i>	7.3243	0.005	1.242	+	+
Q5RHS7	Protein S100-A2	<i>S100A2</i>	10.970	0	45.710	+	+
P26447	Protein S100-A4	<i>S100A4</i>	11.728	0.002	3.251	-	+
R4GN98	Protein S100-A6	<i>S100A6</i>	9.681	0	33.337	+	+
P05109	Protein S100-A8	<i>S100A8</i>	10.834	0	180.880	+	+
P06702	Protein S100-A9	<i>S100A9</i>	13.242	0	323.310	+	+
P25815	Protein S100-P	<i>S100P</i>	10.400	0	6.811	+	+
Q01105	Protein SET	<i>SET</i>	33.488	0	9.641	+	+
Q08188	Protein-glutamine gamma-glutamyltransferase E	<i>TGM3</i>	76.631	0	156.510	+	+
E9PIT3	Prothrombin	<i>F2</i>	65.408	0	183.650	+	+
B8ZZQ6	Prothymosin alpha	<i>PTMA</i>	11.758	0	36.058	+	+
P14618	Pyruvate kinase PKM	<i>PKM</i>	57.936	0	282.770	+	+
P50395	Rab GDP dissociation inhibitor alpha	<i>GDI2</i>	50.663	0	22.307	+	+
C9JJ34	Ran-specific GTPase-activating protein	<i>RANBP1</i>	18.762	0	13.345	+	-
B1AH78	Ras-related C3 botulinum toxin substrate 1	<i>RAC1</i>	18.502	0	6.809	+	+
P62834	Ras-related protein Rap-1A	<i>RAP1A</i>	20.987	0	8.413	+	-
Q9HD89	Resistin	<i>RETN</i>	11.419	0.002	3.914	+	-
P52566	Rho GDP-dissociation inhibitor 2	<i>ARHGDI2</i>	22.988	0	27.021	+	+
P34096	Ribonuclease 4	<i>RNASE4</i>	16.840	0	19.847	+	+
H0YAE9	Ribonuclease T2	<i>RNASET2</i>	21.772	0	6.874	+	+
P23921	Ribonucleoside-diphosphate reductase	<i>RRM1</i>	90.069	0.001	2.726	+	-
J3QR09	Ribosomal protein L19	<i>RPL19</i>	23.134	0.001	1.810	+	-
B1AKD8	Rootletin	<i>CROCC</i>	149.060	0	10.328	+	+
P02810	Salivary acidic proline-rich phosphoprotein 1/2	<i>PRH1</i>	17.851	0	323.310	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
Q8N474	Secreted frizzled-related protein 1	<i>SFRP1</i>	35.385	0	9.519	+	+
D6REX5	Selenoprotein P	<i>SEPP1</i>	35.116	0	8.370	-	+
Q9NQ38	Serine protease inhibitor Kazal-type 5	<i>SPINK5</i>	120.71	0	79.004	+	+
E5RFX6	Serine protease inhibitor Kazal-type 7	<i>SPINK7</i>	6.563	0	5.342	-	+
Q9BRF8	Serine/threonine-protein phosphatase CPPED1	<i>CPPED1</i>	35.548	0.002	4.828	+	-
P02787	Serotransferrin	<i>TF</i>	77.063	0	323.310	+	+
E9PQD6	Serum amyloid A-1 protein	<i>SAA1</i>	13.546	0	37.744	+	+
P02743	Serum amyloid P-component	<i>APCS</i>	25.387	0	8.186	+	-
Q5T123	SH3 domain-binding glutamic acid-rich-like protein 3	<i>SH3BGRL3</i>	9.3804	0	8.192	+	+
P35326	Small proline-rich protein 2A	<i>SPRR2A</i>	7.9653	0	59.969	+	+
P35325	Small proline-rich protein 2B	<i>SPRR2B</i>	7.9754	0	10.242	+	+
P22532	Small proline-rich protein 2D	<i>SPRR2D</i>	7.9053	0.001	2.362	-	+
Q9UBC9	Small proline-rich protein 3	<i>SPRR3</i>	18.154	0	323.310	+	+
Q14515	SPARC-like protein 1	<i>SPARCL1</i>	75.207	0	323.310	+	+
Q13813	Spectrin alpha chain, non-erythrocytic 1	<i>SPTAN1</i>	284.540	0	11.794	+	+
P02808	Statherin	<i>STATH</i>	7.304	0	49.528	+	+
P02814	Submaxillary gland androgen-regulated protein 3B	<i>SMR3B</i>	8.188	0	47.530	+	+
O00391	Sulfhydryl oxidase 1	<i>QSOX1</i>	82.577	0	312.290	+	+
Q6UWP8	Suprabasin	<i>SBSN</i>	60.540	0	323.310	+	+
Q9Y490	Talin-1	<i>TLN1</i>	269.760	0.002	3.910	+	-
F8VQ14	T-complex protein 1 subunit beta	<i>CCT2</i>	44.812	0	28.991	+	-
Q99832	T-complex protein 1 subunit eta	<i>CCT7</i>	59.366	0	23.158	+	-
P40227	T-complex protein 1 subunit zeta	<i>CCT6A</i>	58.024	0	6.940	+	+
E9PHK0	Tetranectin	<i>CLEC3B</i>	17.794	0	31.212	+	+
H7BXY6	Tetraspanin-14	<i>TSPAN14</i>	23.918	0.001	1.892	+	-
P10599	Thioredoxin	<i>TXN</i>	11.737	0	68.640	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
Q9BRA2	Thioredoxin domain-containing protein 17	<i>TXNDC17</i>	13.941	0	7.509	+	-
E9PB61	THO complex subunit 4	<i>ALYREF</i>	27.557	0	18.031	+	-
C9JGI3	Thymidine phosphorylase	<i>TYMP</i>	46.087	0.002	3.263	+	-
P63313	Thymosin beta-10	<i>TMSB10</i>	5.026	0	15.236	+	+
P62328	Thymosin beta-4	<i>TMSB4X</i>	5.053	0	125.270	+	+
P37837	Transaldolase	<i>TALDO1</i>	37.540	0	9.361	+	+
P20061	Transcobalamin-1	<i>TCN1</i>	48.206	0	222.500	+	+
X6RJP6	Transgelin-2	<i>TAGLN2</i>	21.086	0	109.420	+	+
P55072	Transitional endoplasmic reticulum ATPase	<i>VCP</i>	89.321	0	34.183	+	+
P29401	Transketolase	<i>TKT</i>	67.877	0	108.970	+	+
J3KPG2	Translationally-controlled tumor protein	<i>TPT1</i>	18.108	0.003	1.713	+	-
P02766	Transthyretin	<i>TTR</i>	15.887	0	79.078	+	+
Q07654	Trefoil factor 3	<i>TFF3</i>	10.181	0	15.845	+	+
P60174	Triosephosphate isomerase	<i>TPI1</i>	30.791	0	76.548	+	+
P68363	Tubulin alpha-1B chain	<i>TUBA1B</i>	50.151	0	161.450	+	+
Q5JP53	Tubulin beta chain	<i>TUBB</i>	47.766	0	285.590	+	-
Q9BW30	Tubulin polymerization-promoting protein family member 3	<i>TPPP3</i>	18.985	0	14.834	+	+
E5RIW3	Tubulin-specific chaperone A	<i>TBCA</i>	10.080	0	41.274	+	+
P68036	Ubiquitin-conjugating enzyme E2 L3	<i>UBE2L3</i>	17.861	0	7.170	+	+
Q6P5S2	UPF0762 protein C6orf58	<i>C6orf58</i>	37.926	0	323.310	+	+
P08670	Vimentin	<i>VIM</i>	53.651	0	323.310	+	+
D6RF35	Vitamin D-binding protein	<i>GC</i>	53.020	0	158.070	+	+
P04004	Vitronectin	<i>VTN</i>	54.305	0	105.290	+	+
Q86VR7	V-set and immunoglobulin domain-containing protein 10-like	<i>VSIG10L</i>	91.624	0.002	3.246	+	+
Q14508	WAP four-disulfide core domain protein 2	<i>WFDC2</i>	12.993	0	43.544	+	+
25311	Zinc-alpha-2-glycoprotein	<i>AZGP1</i>	34.258	0	231.860	+	+

Accession ID	Protein	Gene	Mol. weight [kDa]	Q-value ^a	Score ^b	Titanium	Ceramic
Q96DA0	Zymogen granule protein 16 homolog B	ZG16B	22.739	0	323.310	+	+

+: detected; -: not detectable.

^aMinimum false discovery rate generated by MaxQuant

^bAndromeda scores generated by MaxQuant