

Investigation of the global protein content from healthy human tears

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S6 dataset: Proteins in common between tears and aqueous humor

AC_number	Protein names
P62258	14-3-3 protein epsilon OS=Homo sapiens GN=YWHAE PE=1 SV=1
P61981	14-3-3 protein gamma OS=Homo sapiens GN=YWHAG PE=1 SV=2
P63104	14-3-3 protein zeta/delta OS=Homo sapiens GN=YWHAZ PE=1 SV=1
Q9BRK5	45 kDa calcium-binding protein OS=Homo sapiens GN=SDF4 PE=1 SV=1
P52209	6-phosphogluconate dehydrogenase, decarboxylating OS=Homo sapiens GN=PGD PE=1 SV=3
P11021	78 kDa glucose-regulated protein OS=Homo sapiens GN=HSPA5 PE=1 SV=2
Q13510	Acid ceramidase OS=Homo sapiens GN=ASAH1 PE=1 SV=5
P07108	Acyl-CoA-binding protein OS=Homo sapiens GN=DBI PE=1 SV=2
P43652	Afamin OS=Homo sapiens GN=AFM PE=1 SV=1
P30838	Aldehyde dehydrogenase, dimeric NADP-preferring OS=Homo sapiens GN=ALDH3A1 PE=1 SV=3
P02763	Alpha-1-acid glycoprotein 1 OS=Homo sapiens GN=ORM1 PE=1 SV=1
P19652	Alpha-1-acid glycoprotein 2 OS=Homo sapiens GN=ORM2 PE=1 SV=2
P01011	Alpha-1-antichymotrypsin OS=Homo sapiens GN=SERPINA3 PE=1 SV=2
P01009	Alpha-1-antitrypsin OS=Homo sapiens GN=SERPINA1 PE=1 SV=3
P04217	Alpha-1B-glycoprotein OS=Homo sapiens GN=A1BG PE=1 SV=4
P08697	Alpha-2-antiplasmin OS=Homo sapiens GN=SERPINF2 PE=1 SV=3
P02765	Alpha-2-HS-glycoprotein OS=Homo sapiens GN=AHSG PE=1 SV=1
P02511	Alpha-crystallin B chain OS=Homo sapiens GN=CRYAB PE=1 SV=2
P06733	Alpha-enolase OS=Homo sapiens GN=ENO1 PE=1 SV=2
P17050	Alpha-N-acetylgalactosaminidase OS=Homo sapiens GN=NAGA PE=1 SV=2
P01019	Angiotensinogen OS=Homo sapiens GN=AGT PE=1 SV=1
P07355	Annexin A2 OS=Homo sapiens GN=ANXA2 PE=1 SV=2
P01008	Antithrombin-III OS=Homo sapiens GN=SERPINC1 PE=1 SV=1
P02647	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1
P05090	Apolipoprotein D OS=Homo sapiens GN=APOD PE=1 SV=1
P02649	Apolipoprotein E OS=Homo sapiens GN=APOE PE=1 SV=1
O14791	Apolipoprotein L1 OS=Homo sapiens GN=APOL1 PE=1 SV=5
P17174	Aspartate aminotransferase, cytoplasmic OS=Homo sapiens GN=GOT1 PE=1 SV=3
O75882	Attractin OS=Homo sapiens GN=ATRN PE=1 SV=2
P98160	Basement membrane-specific heparan sulfate proteoglycan core protein OS=Homo sapiens GN=HSPG2 PE=1 SV=4
O43505	Beta-1,4-glucuronyltransferase 1 OS=Homo sapiens GN=B4GAT1 PE=1 SV=1
P02749	Beta-2-glycoprotein 1 OS=Homo sapiens GN=APOH PE=1 SV=3
P61769	Beta-2-microglobulin OS=Homo sapiens GN=B2M PE=1 SV=1
P34913	Bifunctional epoxide hydrolase 2 OS=Homo sapiens GN=EPHX2 PE=1 SV=2
P43251	Biotinidase OS=Homo sapiens GN=BDT PE=1 SV=2
P27797	Calreticulin OS=Homo sapiens GN=CALR PE=1 SV=1
Q961Y4	Carboxypeptidase B2 OS=Homo sapiens GN=CPB2 PE=1 SV=2
Q9Y646	Carboxypeptidase Q OS=Homo sapiens GN=CPQ PE=1 SV=1
P49747	Cartilage oligomeric matrix protein OS=Homo sapiens GN=COMP PE=1 SV=2
P07858	Cathepsin B OS=Homo sapiens GN=CTSB PE=1 SV=3
P07339	Cathepsin D OS=Homo sapiens GN=CTSD PE=1 SV=1
P07711	Cathepsin L1 OS=Homo sapiens GN=CTSL PE=1 SV=2
Q9UBR2	Cathepsin Z OS=Homo sapiens GN=CTSZ PE=1 SV=1
P13987	CD59 glycoprotein OS=Homo sapiens GN=CD59 PE=1 SV=1
P00450	Ceruloplasmin OS=Homo sapiens GN=CP PE=1 SV=1
P10909	Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1
P12259	Coagulation factor V OS=Homo sapiens GN=F5 PE=1 SV=4
P00748	Coagulation factor XII OS=Homo sapiens GN=F12 PE=1 SV=3
P23528	Cofilin-1 OS=Homo sapiens GN=CFL1 PE=1 SV=3
P12109	Collagen alpha-1(VI) chain OS=Homo sapiens GN=COL6A1 PE=1 SV=3
P02746	Complement C1q subcomponent subunit B OS=Homo sapiens GN=C1QB PE=1 SV=3
P00736	Complement C1r subcomponent OS=Homo sapiens GN=C1R PE=1 SV=2
P09871	Complement C1s subcomponent OS=Homo sapiens GN=C1S PE=1 SV=1
P06681	Complement C2 OS=Homo sapiens GN=C2 PE=1 SV=2
P01024	Complement C3 OS=Homo sapiens GN=C3 PE=1 SV=2
P0C0L4	Complement C4-A OS=Homo sapiens GN=C4A PE=1 SV=2
P0C0L5	Complement C4-B OS=Homo sapiens GN=C4B PE=1 SV=2
P01031	Complement C5 OS=Homo sapiens GN=C5 PE=1 SV=4
P13671	Complement component C6 OS=Homo sapiens GN=C6 PE=1 SV=3
P10643	Complement component C7 OS=Homo sapiens GN=C7 PE=1 SV=2
P07357	Complement component C8 alpha chain OS=Homo sapiens GN=C8A PE=1 SV=2
P07358	Complement component C8 beta chain OS=Homo sapiens GN=C8B PE=1 SV=3
P07360	Complement component C8 gamma chain OS=Homo sapiens GN=C8G PE=1 SV=3
P02748	Complement component C9 OS=Homo sapiens GN=C9 PE=1 SV=2
P00751	Complement factor B OS=Homo sapiens GN=CFB PE=1 SV=2
P00746	Complement factor D OS=Homo sapiens GN=CFD PE=1 SV=5
P08603	Complement factor H OS=Homo sapiens GN=CFH PE=1 SV=4
Q03591	Complement factor H-related protein 1 OS=Homo sapiens GN=CFHR1 PE=1 SV=2
P36980	Complement factor H-related protein 2 OS=Homo sapiens GN=CFHR2 PE=1 SV=1
P05156	Complement factor I OS=Homo sapiens GN=CFI PE=1 SV=2
P08185	Corticosteroid-binding globulin OS=Homo sapiens GN=SERPINA6 PE=1 SV=1
P12277	Creatine kinase B-type OS=Homo sapiens GN=CKB PE=1 SV=1
P01034	Cystatin-C OS=Homo sapiens GN=CST3 PE=1 SV=1
P81605	Dermcidin OS=Homo sapiens GN=DCD PE=1 SV=2
Q02413	Desmoglein-1 OS=Homo sapiens GN=DSG1 PE=1 SV=2
P15924	Desmoplakin OS=Homo sapiens GN=DSP PE=1 SV=3
Q9UHL4	Dipeptidyl peptidase 2 OS=Homo sapiens GN=DPPII PE=1 SV=3
Q14118	Dystroglycan OS=Homo sapiens GN=DAG1 PE=1 SV=2
Q12805	EGF-containing fibulin-like extracellular matrix protein 1 OS=Homo sapiens GN=EFEMP1 PE=1 SV=2
P68104	Elongation factor 1-alpha 1 OS=Homo sapiens GN=EEF1A1 PE=1 SV=1

P13639 Elongation factor 2 OS=Homo sapiens GN=EEF2 PE=1 SV=4
P61916 Epididymal secretory protein E1 OS=Homo sapiens GN=NPC2 PE=1 SV=1
Q16610 Extracellular matrix protein 1 OS=Homo sapiens GN=ECM1 PE=1 SV=2
Q8IWU5 Extracellular sulfatase Sulf-2 OS=Homo sapiens GN=SULF2 PE=1 SV=1
P08294 Extracellular superoxide dismutase [Cu-Zn] OS=Homo sapiens GN=SOD3 PE=1 SV=2
P02671 Fibrinogen alpha chain OS=Homo sapiens GN=FGA PE=1 SV=2
P02675 Fibrinogen beta chain OS=Homo sapiens GN=FGB PE=1 SV=2
P02679 Fibrinogen gamma chain OS=Homo sapiens GN=FGG PE=1 SV=3
P02751 Fibronectin OS=Homo sapiens GN=FN1 PE=1 SV=4
P23142 Fibulin-1 OS=Homo sapiens GN=FBLN1 PE=1 SV=4
Q5D862 Filaggrin-2 OS=Homo sapiens GN=FLG2 PE=1 SV=1
P04075 Fructose-bisphosphate aldolase A OS=Homo sapiens GN=ALDOA PE=1 SV=2
P09972 Fructose-bisphosphate aldolase C OS=Homo sapiens GN=ALDOC PE=1 SV=2
Q08380 Galectin-3-binding protein OS=Homo sapiens GN=LGALS3BP PE=1 SV=1
Q92820 Gamma-glutamyl hydrolase OS=Homo sapiens GN=GGH PE=1 SV=2
P06396 Gelsolin OS=Homo sapiens GN=GSN PE=1 SV=1
P11413 Glucose-6-phosphate 1-dehydrogenase OS=Homo sapiens GN=G6PD PE=1 SV=4
P06744 Glucose-6-phosphate isomerase OS=Homo sapiens GN=GPI PE=1 SV=4
P14314 Glucosidase 2 subunit beta OS=Homo sapiens GN=PRKCSH PE=1 SV=2
Q16769 Glutaminyl-peptide cyclotransferase OS=Homo sapiens GN=QPCT PE=1 SV=1
P22352 Glutathione peroxidase 3 OS=Homo sapiens GN=GPX3 PE=1 SV=2
P09211 Glutathione S-transferase P OS=Homo sapiens GN=GSTP1 PE=1 SV=2
P48637 Glutathione synthetase OS=Homo sapiens GN=GSS PE=1 SV=1
P04406 Glycerinaldehyde-3-phosphate dehydrogenase OS=Homo sapiens GN=GAPDH PE=1 SV=3
P28799 Granulins OS=Homo sapiens GN=GRN PE=1 SV=2
P00738 Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1
P48723 Heat shock 70 kDa protein 13 OS=Homo sapiens GN=HSPA13 PE=1 SV=1
P11142 Heat shock cognate 71 kDa protein OS=Homo sapiens GN=HSPA8 PE=1 SV=1
P04792 Heat shock protein beta-1 OS=Homo sapiens GN=HSPB1 PE=1 SV=2
P07900 Heat shock protein HSP 90-alpha OS=Homo sapiens GN=HSP90AA1 PE=1 SV=5
P69905 Hemoglobin subunit alpha OS=Homo sapiens GN=HBA1 PE=1 SV=2
P68871 Hemoglobin subunit beta OS=Homo sapiens GN=HBB PE=1 SV=2
P02790 Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2
P05546 Heparin cofactor 2 OS=Homo sapiens GN=SERPIND1 PE=1 SV=3
P04196 Histidine-rich glycoprotein OS=Homo sapiens GN=HRG PE=1 SV=1
Q16775 Hydroxyacylglutathione hydrolase, mitochondrial OS=Homo sapiens GN=HAGH PE=1 SV=2
P18065 Insulin-like growth factor-binding protein 2 OS=Homo sapiens GN=IGFBP2 PE=1 SV=2
P24592 Insulin-like growth factor-binding protein 6 OS=Homo sapiens GN=IGFBP6 PE=1 SV=1
P35858 Insulin-like growth factor-binding protein complex acid labile subunit OS=Homo sapiens GN=IGFALS PE=1 SV=1
P19827 Inter-alpha-trypsin inhibitor heavy chain H1 OS=Homo sapiens GN=ITIH1 PE=1 SV=3
P19823 Inter-alpha-trypsin inhibitor heavy chain H2 OS=Homo sapiens GN=ITIH2 PE=1 SV=2
Q14624 Inter-alpha-trypsin inhibitor heavy chain H4 OS=Homo sapiens GN=ITIH4 PE=1 SV=4
P14923 Junction plakoglobin OS=Homo sapiens GN=JUP PE=1 SV=3
P29622 Kallistatin OS=Homo sapiens GN=SERPINA4 PE=1 SV=3
Q5T749 Keratinocyte proline-rich protein OS=Homo sapiens GN=KPRP PE=1 SV=1
P01042 Kininogen-1 OS=Homo sapiens GN=KNG1 PE=1 SV=2
P02750 Leucine-rich alpha-2-glycoprotein OS=Homo sapiens GN=LRG1 PE=1 SV=2
P30740 Leukocyte elastase inhibitor OS=Homo sapiens GN=SERPINB1 PE=1 SV=1
Q13449 Limbic system-associated membrane protein OS=Homo sapiens GN=LSAMP PE=1 SV=2
P31025 Lipocalin-1 OS=Homo sapiens GN=LCN1 PE=1 SV=1
P00338 L-lactate dehydrogenase A chain OS=Homo sapiens GN=LDHA PE=1 SV=2
P07195 L-lactate dehydrogenase B chain OS=Homo sapiens GN=LDHB PE=1 SV=2
P51884 Lumican OS=Homo sapiens GN=LUM PE=1 SV=2
P10253 Lysosomal alpha-glucosidase OS=Homo sapiens GN=GAA PE=1 SV=4
P61626 Lysozyme C OS=Homo sapiens GN=LYZ PE=1 SV=1
P40925 Malate dehydrogenase, cytoplasmic OS=Homo sapiens GN=MDH1 PE=1 SV=4
P33908 Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA OS=Homo sapiens GN=MAN1A1 PE=1 SV=3
P01033 Metalloproteinase inhibitor 1 OS=Homo sapiens GN=TIMP1 PE=1 SV=1
P08571 Monocyte differentiation antigen CD14 OS=Homo sapiens GN=CD14 PE=1 SV=2
Q94760 N(G),N(G)-dimethylarginine dimethylaminohydrolase 1 OS=Homo sapiens GN=DDAH1 PE=1 SV=3
Q96PD5 N-acetylmuramoyl-L-alanine amidase OS=Homo sapiens GN=PGLYRP2 PE=1 SV=1
P48163 NADP-dependent malic enzyme OS=Homo sapiens GN=ME1 PE=1 SV=1
Q00533 Neural cell adhesion molecule L1-like protein OS=Homo sapiens GN=CHL1 PE=1 SV=4
Q99574 Neuroserpin OS=Homo sapiens GN=SERPINI1 PE=1 SV=1
P80188 Neutrophil gelatinase-associated lipocalin OS=Homo sapiens GN=LCN2 PE=1 SV=2
Q02818 Nucleobindin-1 OS=Homo sapiens GN=NUCB1 PE=1 SV=4
Q86UD1 Out at first protein homolog OS=Homo sapiens GN=OAF PE=2 SV=1
P50897 Palmitoyl-protein thioesterase 1 OS=Homo sapiens GN=PPT1 PE=1 SV=1
P19021 Peptidyl-glycine alpha-amidating monooxygenase OS=Homo sapiens GN=PAM PE=1 SV=2
P62937 Peptidyl-prolyl cis-trans isomerase A OS=Homo sapiens GN=PPIA PE=1 SV=2
P30041 Peroxiredoxin-6 OS=Homo sapiens GN=PRDX6 PE=1 SV=3
P30086 Phosphatidylethanolamine-binding protein 1 OS=Homo sapiens GN=PEBP1 PE=1 SV=3
Q96596 Phosphatidylethanolamine-binding protein 4 OS=Homo sapiens GN=PEBP4 PE=1 SV=3
P00558 Phosphoglycerate kinase 1 OS=Homo sapiens GN=PGK1 PE=1 SV=3
P18669 Phosphoglycerate mutase 1 OS=Homo sapiens GN=PGAM1 PE=1 SV=2
P55058 Phospholipid transfer protein OS=Homo sapiens GN=PLTP PE=1 SV=1
P36955 Pigment epithelium-derived factor OS=Homo sapiens GN=SERPINF1 PE=1 SV=4
P05155 Plasma protease C1 inhibitor OS=Homo sapiens GN=SERPING1 PE=1 SV=2
P05154 Plasma serine protease inhibitor OS=Homo sapiens GN=SERPINA5 PE=1 SV=3
P00747 Plasminogen OS=Homo sapiens GN=PLG PE=1 SV=2
Q15113 Procollagen C-endopeptidase enhancer 1 OS=Homo sapiens GN=PCOLCE PE=1 SV=2
P41222 Prostaglandin-H2 D-isomerase OS=Homo sapiens GN=PTGDS PE=1 SV=1
P02760 Protein AMBP OS=Homo sapiens GN=AMBP PE=1 SV=1
P30101 Protein disulfide-isomerase A3 OS=Homo sapiens GN=PDIA3 PE=1 SV=4
Q99497 Protein/nucleic acid deglycase DJ-1 OS=Homo sapiens GN=PARK7 PE=1 SV=2
P00734 Prothrombin OS=Homo sapiens GN=F2 PE=1 SV=2

Q53FA7 Quinone oxidoreductase PIG3 OS=Homo sapiens GN=TP53I3 PE=1 SV=2
P00352 Retinal dehydrogenase 1 OS=Homo sapiens GN=ALDH1A1 PE=1 SV=2
P02753 Retinol-binding protein 4 OS=Homo sapiens GN=RBP4 PE=1 SV=3
P34096 Ribonuclease 4 OS=Homo sapiens GN=RNASE4 PE=1 SV=3
P13489 Ribonuclease inhibitor OS=Homo sapiens GN=RNH1 PE=1 SV=2
O00584 Ribonuclease T2 OS=Homo sapiens GN=RNASET2 PE=1 SV=2
Q92743 Serine protease HTRA1 OS=Homo sapiens GN=HTRA1 PE=1 SV=1
P02787 Serotransferrin OS=Homo sapiens GN=TF PE=1 SV=3
P35237 Serpin B6 OS=Homo sapiens GN=SERPINB6 PE=1 SV=3
P02768 Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2
P27169 Serum paraoxonase/arylesterase 1 OS=Homo sapiens GN=PON1 PE=1 SV=3
Q8WVQ1 Soluble calcium-activated nucleotidase 1 OS=Homo sapiens GN=CANT1 PE=1 SV=1
Q14515 SPARC-like protein 1 OS=Homo sapiens GN=SPARCL1 PE=1 SV=2
Q13813 Spectrin alpha chain, non-erythrocytic 1 OS=Homo sapiens GN=SPTAN1 PE=1 SV=3
O00391 Sulfhydryl oxidase 1 OS=Homo sapiens GN=QSOX1 PE=1 SV=3
P00441 Superoxide dismutase [Cu-Zn] OS=Homo sapiens GN=SOD1 PE=1 SV=2
P05452 Tetranectin OS=Homo sapiens GN=CLEC3B PE=1 SV=3
P05543 Thyroxine-binding globulin OS=Homo sapiens GN=SERPINA7 PE=1 SV=2
Q15582 Transforming growth factor-beta-induced protein ig-h3 OS=Homo sapiens GN=TGFBI PE=1 SV=1
P02766 Transthyretin OS=Homo sapiens GN=TTR PE=1 SV=1
P60174 Triosephosphate isomerase OS=Homo sapiens GN=TPI1 PE=1 SV=3
O14773 Tripeptidyl-peptidase 1 OS=Homo sapiens GN=TPP1 PE=1 SV=2
Q9BVA1 Tubulin beta-2B chain OS=Homo sapiens GN=TUBB2B PE=1 SV=1
P68371 Tubulin beta-4B chain OS=Homo sapiens GN=TUBB4B PE=1 SV=1
P46459 Vesicle-fusing ATPase OS=Homo sapiens GN=NSF PE=1 SV=3
P08670 Vimentin OS=Homo sapiens GN=VIM PE=1 SV=4
P02774 Vitamin D-binding protein OS=Homo sapiens GN=GC PE=1 SV=1
P04004 Vitronectin OS=Homo sapiens GN=VTN PE=1 SV=1
Q15904 V-type proton ATPase subunit S1 OS=Homo sapiens GN=ATP6AP1 PE=1 SV=2
P12955 Xaa-Pro dipeptidase OS=Homo sapiens GN=PEPD PE=1 SV=3
P25311 Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2