

Investigation of the global protein content from healthy human tears

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S3 dataset: Common proteins between the four studies

AC_number	Protein names
P31946	14-3-3 protein beta/alpha OS=Homo sapiens GN=YWHAB PE=1 SV=3
P62258	14-3-3 protein epsilon OS=Homo sapiens GN=YWHAE PE=1 SV=1
Q04917	14-3-3 protein eta OS=Homo sapiens GN=YWHAH PE=1 SV=4
P31947	14-3-3 protein sigma OS=Homo sapiens GN=5FN PE=1 SV=1
P27348	14-3-3 protein theta OS=Homo sapiens GN=YWHAQ PE=1 SV=1
P63104	14-3-3 protein zeta/delta OS=Homo sapiens GN=YWHAZ PE=1 SV=1
O00231	26S proteasome non-ATPase regulatory subunit 11 OS=Homo sapiens GN=PSMD11 PE=1 SV=3
P62195	26S proteasome regulatory subunit 8 OS=Homo sapiens GN=PSMC5 PE=1 SV=1
P23396	40S ribosomal protein S3 OS=Homo sapiens GN=RPS3 PE=1 SV=2
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
O95336	6-phosphogluconolactonase OS=Homo sapiens GN=PGLS PE=1 SV=2
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
P61160	Actin-related protein 2 OS=Homo sapiens GN=ACTR2 PE=1 SV=1
O15143	Actin-related protein 2/3 complex subunit 1B OS=Homo sapiens GN=ARPC1B PE=1 SV=3
P61158	Actin-related protein 3 OS=Homo sapiens GN=ACTR3 PE=1 SV=3
P23526	Adenosylhomocysteinase OS=Homo sapiens GN=AHCY PE=1 SV=4
P14550	Alcohol dehydrogenase [NADP(+)] OS=Homo sapiens GN=AKR1A1 PE=1 SV=3
P00326	Alcohol dehydrogenase 1C OS=Homo sapiens GN=ADH1C PE=1 SV=2
P30838	Aldehyde dehydrogenase, dimeric NADP-preferring OS=Homo sapiens GN=ALDH3A1 PE=1 SV=3
Q04828	Aldo-keto reductase family 1 member C1 OS=Homo sapiens GN=AKR1C1 PE=1 SV=1
P02763	Alpha-1-acid glycoprotein 1 OS=Homo sapiens GN=ORM1 PE=1 SV=1
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
P01023	Alpha-2-macroglobulin OS=Homo sapiens GN=A2M PE=1 SV=3
O43707	Alpha-actinin-4 OS=Homo sapiens GN=ACTN4 PE=1 SV=2
P06733	Alpha-enolase OS=Homo sapiens GN=ENO1 PE=1 SV=2
P04083	Annexin A1 OS=Homo sapiens GN=ANXA1 PE=1 SV=2
P07355	Annexin A2 OS=Homo sapiens GN=ANXA2 PE=1 SV=2
P12429	Annexin A3 OS=Homo sapiens GN=ANXA3 PE=1 SV=3
P09525	Annexin A4 OS=Homo sapiens GN=ANXA4 PE=1 SV=4
P08758	Annexin A5 OS=Homo sapiens GN=ANXA5 PE=1 SV=2
P01008	Antithrombin-III OS=Homo sapiens GN=SERPINC1 PE=1 SV=1
Q10567	AP-1 complex subunit beta-1 OS=Homo sapiens GN=AP1B1 PE=1 SV=2
P02647	Apolipoprotein A-I OS=Homo sapiens GN=APOA1 PE=1 SV=1
P02652	Apolipoprotein A-II OS=Homo sapiens GN=APOA2 PE=1 SV=1
P06727	Apolipoprotein A-IV OS=Homo sapiens GN=APOA4 PE=1 SV=3
P00966	Argininosuccinate synthase OS=Homo sapiens GN=ASS1 PE=1 SV=2
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
P07814	Bifunctional glutamate/proline-tRNA ligase OS=Homo sapiens GN=EPRS PE=1 SV=5
P11586	C-1-tetrahydrofolate synthase, cytoplasmic OS=Homo sapiens GN=MTHFD1 PE=1 SV=3
P04632	Calpain small subunit 1 OS=Homo sapiens GN=CAPNS1 PE=1 SV=1
P17655	Calpain-2 catalytic subunit OS=Homo sapiens GN=CAPN2 PE=1 SV=6
P16152	Carbonyl reductase [NADPH] 1 OS=Homo sapiens GN=CBR1 PE=1 SV=3
P04040	Catalase OS=Homo sapiens GN=CAT PE=1 SV=3
P07339	Cathepsin D OS=Homo sapiens GN=CTSD PE=1 SV=1
P60953	Cell division control protein 42 homolog OS=Homo sapiens GN=CDC42 PE=1 SV=2
Q15782	Chitinase-3-like protein 2 OS=Homo sapiens GN=CHI3L2 PE=1 SV=1
O00299	Chloride intracellular channel protein 1 OS=Homo sapiens GN=CLIC1 PE=1 SV=4
P10909	Clusterin OS=Homo sapiens GN=CLU PE=1 SV=1
P12259	Coagulation factor V OS=Homo sapiens GN=F5 PE=1 SV=4
P53621	Coatmer subunit alpha OS=Homo sapiens GN=COPA PE=1 SV=2
Q9Y678	Coatmer subunit gamma-1 OS=Homo sapiens GN=COPG1 PE=1 SV=1
P01024	Complement C3 OS=Homo sapiens GN=C3 PE=1 SV=2
P08603	Complement factor H OS=Homo sapiens GN=CFH PE=1 SV=4
P04080	Cystatin-B OS=Homo sapiens GN=CSTB PE=1 SV=2
P01034	Cystatin-C OS=Homo sapiens GN=CST3 PE=1 SV=1
P01036	Cystatin-S OS=Homo sapiens GN=CST4 PE=1 SV=3
P01037	Cystatin-SN OS=Homo sapiens GN=CST1 PE=1 SV=3
P28838	Cytosol aminopeptidase OS=Homo sapiens GN=LAP3 PE=1 SV=3
O75891	Cytosolic 10-formyltetrahydrofolate dehydrogenase OS=Homo sapiens GN=ALDH1L1 PE=1 SV=2
P15924	Desmoplakin OS=Homo sapiens GN=DSP PE=1 SV=3
Q13217	DnaI homolog subfamily C member 3 OS=Homo sapiens GN=DNAIC3 PE=1 SV=1
P50570	Dynamin-2 OS=Homo sapiens GN=DNM2 PE=1 SV=2
Q14118	Dystroglycan OS=Homo sapiens GN=DAG1 PE=1 SV=2
P26641	Elongation factor 1-gamma OS=Homo sapiens GN=EEF1G PE=1 SV=3
P13639	Elongation factor 2 OS=Homo sapiens GN=EEF2 PE=1 SV=4
Q9NZ08	Endoplasmic reticulum aminopeptidase 1 OS=Homo sapiens GN=ERAP1 PE=1 SV=3
P58107	Epiplakin OS=Homo sapiens GN=EPPK1 PE=1 SV=2
Q9NWX5	Ethylmalonyl-CoA decarboxylase OS=Homo sapiens GN=ECHDC1 PE=1 SV=2
P56537	Eukaryotic translation initiation factor 6 OS=Homo sapiens GN=EIF6 PE=1 SV=1
Q9GZ28	Extracellular glycoprotein lacritin OS=Homo sapiens GN=LACRT PE=1 SV=1
P15311	Ezrin OS=Homo sapiens GN=EZR PE=1 SV=4
P47755	F-actin-capping protein subunit alpha-2 OS=Homo sapiens GN=CAPZA2 PE=1 SV=3
P49327	Fatty acid synthase OS=Homo sapiens GN=FASN PE=1 SV=3
Q01469	Fatty acid-binding protein, epidermal OS=Homo sapiens GN=FABP5 PE=1 SV=3
P02671	Fibrinogen alpha chain OS=Homo sapiens GN=FGA PE=1 SV=2
P30043	Flavin reductase (NADPH) OS=Homo sapiens GN=BLVRB PE=1 SV=3
P09467	Fructose-1,6-bisphosphatase 1 OS=Homo sapiens GN=FBP1 PE=1 SV=5
P04075	Fructose-bisphosphate aldolase A OS=Homo sapiens GN=ALDOA PE=1 SV=2
Q08380	Galectin-3-binding protein OS=Homo sapiens GN=LGALS3BP PE=1 SV=1

Q13630 GDP-L-fucose synthase OS=Homo sapiens GN=TSTA3 PE=1 SV=1
P15104 Glutamine synthetase OS=Homo sapiens GN=GLUL PE=1 SV=4
P07203 Glutathione peroxidase 1 OS=Homo sapiens GN=GPX1 PE=1 SV=4
P22352 Glutathione peroxidase 3 OS=Homo sapiens GN=GPX3 PE=1 SV=2
P00390 Glutathione reductase, mitochondrial OS=Homo sapiens GN=GSR 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 Glyceraldehyde-3-phosphate dehydrogenase OS=Homo sapiens GN=GAPDH PE=1 SV=3
Q8N335 Glycerol-3-phosphate dehydrogenase 1-like protein OS=Homo sapiens GN=GPD1L PE=1 SV=1
P06737 Glycogen phosphorylase, liver form OS=Homo sapiens GN=PYGL PE=1 SV=4
Q9UBQ7 Glyoxylate reductase/hydroxypyruvate reductase OS=Homo sapiens GN=GRHPR PE=1 SV=1
Q8NB14 Golgi membrane protein 1 OS=Homo sapiens GN=GOLM1 PE=1 SV=1
P00738 Haptoglobin OS=Homo sapiens GN=HP PE=1 SV=1
P34932 Heat shock 70 kDa protein 4 OS=Homo sapiens GN=HSPA4 PE=1 SV=4
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
Q9Y5Z4 Heme-binding protein 2 OS=Homo sapiens GN=HEBP2 PE=1 SV=1
P02790 Hemopexin OS=Homo sapiens GN=HPX PE=1 SV=2
Q16543 Hsp90 co-chaperone Cdc37 OS=Homo sapiens GN=CDC37 PE=1 SV=1
Q9Y4L1 Hypoxia up-regulated protein 1 OS=Homo sapiens GN=HYOU1 PE=1 SV=1
P01871 Immunoglobulin heavy constant mu OS=Homo sapiens GN=IGHM PE=1 SV=4
P01591 Immunoglobulin J chain OS=Homo sapiens GN=JCHAIN PE=1 SV=4
Q15181 Inorganic pyrophosphatase OS=Homo sapiens GN=PPA1 PE=1 SV=2
P18510 Interleukin-1 receptor antagonist protein OS=Homo sapiens GN=IL1RN PE=1 SV=1
P22079 Lactoperoxidase OS=Homo sapiens GN=LPO PE=1 SV=2
P02788 Lactotransferrin OS=Homo sapiens GN=LTF PE=1 SV=6
Q9B540 Latexin OS=Homo sapiens GN=LXN PE=1 SV=2
P09960 Leukotriene A-4 hydrolase OS=Homo sapiens GN=LTA4H PE=1 SV=2
P31025 Lipocalin-1 OS=Homo sapiens GN=LCN1 PE=1 SV=1
Q8Q629 Lipolysis-stimulated lipoprotein receptor OS=Homo sapiens GN=LSR PE=1 SV=4
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
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
O75556 Mammaglobin-B OS=Homo sapiens GN=SCGB2A1 PE=1 SV=1
Q13421 Mesothelin OS=Homo sapiens GN=MSLN PE=1 SV=2
Q7Z406 Myosin-14 OS=Homo sapiens GN=MYH14 PE=1 SV=2
P35579 Myosin-9 OS=Homo sapiens GN=MYH9 PE=1 SV=4
P80188 Neutrophil gelatinase-associated lipocalin OS=Homo sapiens GN=LCN2 PE=1 SV=2
P80303 Nucleobindin-2 OS=Homo sapiens GN=NUCB2 PE=1 SV=2
Q99733 Nucleosome assembly protein 1-like 4 OS=Homo sapiens GN=NAP1L4 PE=1 SV=1
Q9NQ44 Omega-amidase NIT2 OS=Homo sapiens GN=NIT2 PE=1 SV=1
Q99935 Opiorphin prepropeptide OS=Homo sapiens GN=OPRPN PE=1 SV=2
O00151 PDZ and LIM domain protein 1 OS=Homo sapiens GN=PDLIM1 PE=1 SV=4
O60664 Perilipin-3 OS=Homo sapiens GN=PLIN3 PE=1 SV=3
Q06830 Peroxiredoxin-1 OS=Homo sapiens GN=PRDX1 PE=1 SV=1
P30044 Peroxiredoxin-5, mitochondrial OS=Homo sapiens GN=PRDX5 PE=1 SV=4
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
P36871 Phosphoglucomutase-1 OS=Homo sapiens GN=PGM1 PE=1 SV=3
P00558 Phosphoglycerate kinase 1 OS=Homo sapiens GN=PGK1 PE=1 SV=3
P55058 Phospholipid transfer protein OS=Homo sapiens GN=PLTP PE=1 SV=1
P05120 Plasminogen activator inhibitor 2 OS=Homo sapiens GN=SERPINB2 PE=1 SV=2
P00747 Plasminogen OS=Homo sapiens GN=PLG PE=1 SV=2
Q14651 Plastin-1 OS=Homo sapiens GN=PLS1 PE=1 SV=2
P43034 Platelet-activating factor acetylhydrolase IB subunit alpha OS=Homo sapiens GN=PFAH1B1 PE=1 SV=2
Q15365 Poly(rC)-binding protein 1 OS=Homo sapiens GN=PCBP1 PE=1 SV=2
P01833 Polymeric immunoglobulin receptor OS=Homo sapiens GN=PIGR PE=1 SV=4
P07737 Profilin-1 OS=Homo sapiens GN=PFN1 PE=1 SV=2
Q8WUM4 Programmed cell death 6-interacting protein OS=Homo sapiens GN=PDCC6IP PE=1 SV=1
P12273 Prolactin-inducible protein OS=Homo sapiens GN=PIP PE=1 SV=1
Q16378 Proline-rich protein 4 OS=Homo sapiens GN=PRR4 PE=1 SV=3
P07602 Prosaposin OS=Homo sapiens GN=PSAP PE=1 SV=2
Q06323 Proteasome activator complex subunit 1 OS=Homo sapiens GN=PSME1 PE=1 SV=1
P25786 Proteasome subunit alpha type-1 OS=Homo sapiens GN=PSMA1 PE=1 SV=1
P25787 Proteasome subunit alpha type-2 OS=Homo sapiens GN=PSMA2 PE=1 SV=2
P25788 Proteasome subunit alpha type-3 OS=Homo sapiens GN=PSMA3 PE=1 SV=2
P28066 Proteasome subunit alpha type-5 OS=Homo sapiens GN=PSMA5 PE=1 SV=3
P31949 Protein S100-A11 OS=Homo sapiens GN=S100A11 PE=1 SV=2
P26447 Protein S100-A4 OS=Homo sapiens GN=S100A4 PE=1 SV=1
P05109 Protein S100-A8 OS=Homo sapiens GN=S100A8 PE=1 SV=1
Q99497 Protein/nucleic acid deglycase DJ-1 OS=Homo sapiens GN=PARK7 PE=1 SV=2
P21980 Protein-glutamine gamma-glutamyltransferase 2 OS=Homo sapiens GN=TGM2 PE=1 SV=2
P14618 Pyruvate kinase PKM OS=Homo sapiens GN=PKM PE=1 SV=4
P50395 Rab GDP dissociation inhibitor beta OS=Homo sapiens GN=GDI2 PE=1 SV=2
P61019 Ras-related protein Rab-2A OS=Homo sapiens GN=RAB2A PE=1 SV=1
Q15293 Reticulocalbin-1 OS=Homo sapiens GN=RCN1 PE=1 SV=1
P00352 Retinal dehydrogenase 1 OS=Homo sapiens GN=ALDH1A1 PE=1 SV=2
P13489 Ribonuclease inhibitor OS=Homo sapiens GN=RNH1 PE=1 SV=2
O95968 Secretoglobin family 1D member 1 OS=Homo sapiens GN=SCGB1D1 PE=1 SV=1
Q13228 Selenium-binding protein 1 OS=Homo sapiens GN=SELENBP1 PE=1 SV=2
Q92743 Serine protease HTRA1 OS=Homo sapiens GN=HTRA1 PE=1 SV=1
P62140 Serine/threonine-protein phosphatase PP1-beta catalytic subunit OS=Homo sapiens GN=PPP1CB PE=1 SV=3
P36952 Serpin B5 OS=Homo sapiens GN=SERPINB5 PE=1 SV=2
P35237 Serpin B6 OS=Homo sapiens GN=SERPINB6 PE=1 SV=3
P02768 Serum albumin OS=Homo sapiens GN=ALB PE=1 SV=2
Q9NR45 Sialic acid synthase OS=Homo sapiens GN=NANS PE=1 SV=2

Q13126 S-methyl-5'-thioadenosine phosphorylase OS=Homo sapiens GN=MTAP PE=1 SV=2
Q8WVQ1 Soluble calcium-activated nucleotidase 1 OS=Homo sapiens GN=CANT1 PE=1 SV=1
Q00796 Sorbitol dehydrogenase OS=Homo sapiens GN=SORD PE=1 SV=4
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
P10599 Thioredoxin OS=Homo sapiens GN=TXN PE=1 SV=3
P04066 Tissue alpha-L-fucosidase OS=Homo sapiens GN=FUCA1 PE=1 SV=4
P37837 Transaldolase OS=Homo sapiens GN=TALDO1 PE=1 SV=2
P20061 Transcobalamin-1 OS=Homo sapiens GN=TCN1 PE=1 SV=2
P37802 Transgelin-2 OS=Homo sapiens GN=TAGLN2 PE=1 SV=3
P55072 Transitional endoplasmic reticulum ATPase OS=Homo sapiens GN=VCP PE=1 SV=4
P68366 Tubulin alpha-4A chain OS=Homo sapiens GN=TUBA4A PE=1 SV=1
P07437 Tubulin beta chain OS=Homo sapiens GN=TUBB PE=1 SV=2
P68371 Tubulin beta-4B chain OS=Homo sapiens GN=TUBB4B PE=1 SV=1
Q12792 Twinfilin-1 OS=Homo sapiens GN=TWLF1 PE=1 SV=3
P45974 Ubiquitin carboxyl-terminal hydrolase 5 OS=Homo sapiens GN=USP5 PE=1 SV=2
P22314 Ubiquitin-like modifier-activating enzyme 1 OS=Homo sapiens GN=UBA1 PE=1 SV=3
P30085 UMP-CMP kinase OS=Homo sapiens GN=CMPK1 PE=1 SV=3
P08670 Vimentin OS=Homo sapiens GN=VIM PE=1 SV=4
P18206 Vinculin OS=Homo sapiens GN=VCL PE=1 SV=4
P02774 Vitamin D-binding protein OS=Homo sapiens GN=GC PE=1 SV=1
O75083 WD repeat-containing protein 1 OS=Homo sapiens GN=WDR1 PE=1 SV=4
P25311 Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=AZGP1 PE=1 SV=2
Q96DA0 Zymogen granule protein 16 homolog B OS=Homo sapiens GN=ZG16B PE=1 SV=3