

Relative protein amounts in Eyelid. mol % is calculated as described by Ishihama, Y., et al., Exponentially modified protein abundance index (emPAI) for estimation of absolute protein amount in proteomics by the number of sequenced peptides per protein. Mol Cell Proteomics, 2005. 4(9): p. 1265-72

Number	Eyelid specimen 1 - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Eyelid specimen 1 - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
1	Ig kappa chain C region	17.1	23.2	58.6	64.7	61.7	Ig kappa chain C region	23.2	31.4	55.6	61.0	58.3
2	Hemoglobin subunit beta	1.9	1.9	6.6	5.4	6.0	Apolipoprotein A-IV	2.5	2.5	6.1	4.9	5.5
3	Collagen alpha-1(I) chain	1.2	1.2	4.2	3.3	3.7	Serum amyloid P-component	2.0	2.0	4.8	3.9	4.4
4	Dermcidin	0.8	1.4	2.8	4.0	3.4	Collagen alpha-1(I) chain	1.5	1.8	3.7	3.5	3.6
5	Hemoglobin subunit alpha	1.0	1.0	3.3	2.7	3.0	Apolipoprotein E	1.4	1.4	3.4	2.8	3.1
6	Neutrophil defensin 1	0.9	0.9	3.1	2.5	2.8	Vitronectin	1.2	1.3	2.8	2.6	2.7
7	Apolipoprotein A-IV	0.9	0.9	3.0	2.5	2.7	Apolipoprotein A-I	1.0	1.5	2.4	3.0	2.7
8	Collagen alpha-2(I) chain	0.9	0.9	2.9	2.4	2.6	Collagen alpha-2(I) chain	1.0	1.0	2.3	2.0	2.1
9	Apolipoprotein E	0.5	0.6	1.6	1.8	1.7	Protein S100-A6	0.9	0.9	2.2	1.8	2.0
10	Collagen alpha-1(III) chain	0.4	0.6	1.4	1.6	1.5	Neutrophil defensin 1	0.9	0.9	2.2	1.8	2.0
11	Vitronectin	0.5	0.4	1.6	1.1	1.4	Ig kappa chain V-III region WOL	0.8	0.8	1.9	1.5	1.7
12	Serum amyloid P-component	0.5	0.3	1.7	0.9	1.3	Collagen alpha-1(III) chain	0.6	0.8	1.5	1.6	1.6
13	Serum albumin	0.4	0.4	1.2	1.2	1.2	Hemoglobin subunit beta	0.5	0.9	1.3	1.8	1.5
14	Ig delta chain C region	0.4	0.3	1.4	0.8	1.1	Hemoglobin subunit alpha	1.0	0.3	2.3	0.5	1.4
15	Histone H4	0.4	0.4	1.2	1.0	1.1	Serum albumin	0.6	0.5	1.4	1.0	1.2
16	Ig kappa chain V-III region SIE	0.3	0.3	1.1	0.9	1.0	Clusterin	0.4	0.4	1.0	0.8	0.9
17	Clusterin	0.3	0.3	1.1	0.9	1.0	Phospholipase A2, membrane associated	0.2	0.5	0.6	1.0	0.8
18	Histone H2A type 1-A	0.3	0.3	0.9	0.8	0.8	Collagen alpha-1(VI) chain	0.3	0.4	0.7	0.8	0.7
19	Phospholipase A2, membrane associated	0.2	0.2	0.8	0.6	0.7	Ig delta chain C region	0.3	0.3	0.7	0.6	0.6
20	Collagen alpha-2(VI) chain	0.2	0.1	0.8	0.4	0.6	Collagen alpha-3(VI) chain	0.3	0.3	0.6	0.6	0.6
21	Collagen alpha-3(VI) chain	0.1	0.1	0.4	0.3	0.4	Collagen alpha-2(VI) chain	0.2	0.3	0.5	0.5	0.5
22	Collagen alpha-1(VI) chain	0.0	0.1	0.1	0.3	0.2	Complement C1q subcomponent subunit C	0.2	0.2	0.4	0.3	0.3
23	Filaggrin-2	0.0	0.0	0.1	0.0	0.1	Phospholipid transfer protein	0.1	0.1	0.3	0.3	0.3
24							Carboxypeptidase B2	0.1	0.2	0.2	0.3	0.3
25							Fibulin-1	0.1	0.2	0.1	0.4	0.2
26							Complement component C9	0.1	0.1	0.1	0.2	0.2
27							Collagen alpha-1(II) chain	0.1	0.1	0.2	0.2	0.2
28							Plasminogen	0.1	0.1	0.2	0.2	0.2
29							Sushi repeat-containing protein SRPX	0.1	0.1	0.2	0.1	0.2
30							Lipopolysaccharide-binding protein	0.1	0.1	0.2	0.1	0.2
31							Insulin-like growth factor-binding protein complex acid labile subunit	0.1	0.1	0.1	0.1	0.1

Number	Eye lid specimen 2 - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Eye lid specimen 2 - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
1	Hemoglobin subunit beta	12.3	9.7	16.0	15.6	15.8	Ig lambda-2 chain C regions	156.6	63.5	65.0	45.7	55.3
2	Hemoglobin subunit alpha	14.1	6.6	18.3	10.7	14.5	Ig lambda chain V-III region LOI	8.8	12.0	3.6	8.6	6.1
3	Collagen alpha-1(I) chain	8.3	9.8	10.8	15.8	13.3	Hemoglobin subunit beta	4.6	6.0	1.9	4.3	3.1
4	Collagen alpha-2(I) chain	4.8	4.8	6.2	7.7	7.0	Immunoglobulin lambda-like polypeptide 5	7.2	4.2	3.0	3.0	3.0
5	Histone H4	5.1	3.5	6.6	5.6	6.1	Serum amyloid P-component	4.3	4.3	1.8	3.1	2.4
6	Vimentin	2.6	4.3	3.3	6.9	5.1	Collagen alpha-1(I) chain	5.0	3.3	2.1	2.4	2.2
7	Collagen alpha-1(III) chain	3.4	3.1	4.4	4.9	4.7	Hemoglobin subunit alpha	2.9	3.9	1.2	2.8	2.0
8	Ig lambda chain V-III region LOI	4.5	2.1	5.9	3.4	4.6	Apolipoprotein A-I	3.5	3.0	1.4	2.2	1.8
9	Hemoglobin subunit delta	2.6	2.6	3.4	4.2	3.8	Ig kappa chain C region	4.7	2.2	1.9	1.6	1.8
10	Serum albumin	2.4	2.4	3.1	3.8	3.4	Collagen alpha-2(I) chain	3.5	2.5	1.5	1.8	1.6
11	Actin, cytoplasmic 1	2.0	1.3	2.6	2.2	2.4	Apolipoprotein E	4.3	2.0	1.8	1.4	1.6
12	Histone H2A type 1-A	1.6	1.1	2.1	1.7	1.9	Collagen alpha-1(III) chain	2.8	1.8	1.1	1.3	1.2
13	Ig lambda-2 chain C regions	1.4	0.8	1.9	1.3	1.6	Vitronectin	2.2	2.0	0.9	1.5	1.2
14	Ig gamma-1 chain C region	0.8	0.8	1.0	1.3	1.1	Vimentin	2.8	1.6	1.2	1.1	1.1
15	Ig gamma-3 chain C region	0.8	0.7	1.1	1.1	1.1	Serum albumin	2.0	1.9	0.8	1.4	1.1
16	Protein S100-A6	0.4	0.9	0.5	1.5	1.0	Hemoglobin subunit delta	1.9	1.9	0.8	1.4	1.1
17	Histone H2A.V	0.7	0.7	0.9	1.1	1.0	Apolipoprotein A-IV	1.8	1.4	0.7	1.0	0.9
18	Histone H1.2	0.6	0.6	0.8	1.0	0.9	Ig gamma-3 chain C region	1.0	1.1	0.4	0.8	0.6
19	Ig kappa chain C region	0.8	0.3	1.0	0.5	0.8	Ig kappa chain V-III region SIE	1.4	0.8	0.6	0.6	0.6
20	Serum amyloid P-component	0.5	0.5	0.7	0.8	0.7	Ig gamma-1 chain C region	1.0	1.0	0.4	0.7	0.6
21	Prelamin-A/C	0.5	0.3	0.6	0.5	0.6	Complement component C9	1.0	1.0	0.4	0.7	0.5
22	Collagen alpha-3(VI) chain	0.4	0.4	0.5	0.6	0.5	Protein S100-A6	0.9	0.9	0.4	0.7	0.5
23	Peroxiredoxin-1	0.4	0.4	0.5	0.6	0.5	Neutrophil defensin 1	0.9	0.9	0.4	0.6	0.5
24	Collagen alpha-1(VI) chain	0.4	0.3	0.5	0.5	0.5	Ig kappa chain V-I region DEE	0.8	0.8	0.3	0.6	0.4
25	Ig kappa chain V-III region SIE	0.3	0.3	0.4	0.5	0.5	Apolipoprotein D	0.9	0.6	0.4	0.5	0.4
26	Ig heavy chain V-III region WEA	0.3	0.3	0.4	0.5	0.5	Actin, cytoplasmic 1	0.8	0.7	0.3	0.5	0.4
27	Ig alpha-1 chain C region	0.5	0.2	0.6	0.3	0.5	Apolipoprotein A-II	0.4	0.8	0.1	0.6	0.4
28	Tryptase delta	0.3	0.3	0.4	0.5	0.4	Histone H4	0.4	0.8	0.1	0.6	0.4
29	Ferritin light chain	0.4	0.2	0.5	0.3	0.4	Ig gamma-4 chain C region	0.6	0.6	0.3	0.5	0.4
30	Apolipoprotein E	0.5	0.1	0.6	0.2	0.4	Collagen alpha-3(VI) chain	0.7	0.5	0.3	0.4	0.3
31	Lumican	0.3	0.2	0.4	0.3	0.4	Histone H2B type 1-A	0.3	0.6	0.1	0.4	0.3
32	Histone H3.3C	0.3	0.3	0.3	0.4	0.4	Collagen alpha-1(VI) chain	0.5	0.5	0.2	0.4	0.3
33	Collagen alpha-2(VI) chain	0.3	0.2	0.3	0.4	0.3	Clusterin	0.6	0.4	0.3	0.3	0.3
34	Collagen alpha-1(II) chain	0.2	0.2	0.2	0.4	0.3	Complement component C8 gamma chain	0.6	0.4	0.2	0.3	0.3
35	Vitronectin	0.3	0.1	0.4	0.2	0.3	Phospholipase A2, membrane associated	0.2	0.5	0.1	0.4	0.2
36	Ubiquitin-40S ribosomal protein S27a	0.2	0.2	0.3	0.3	0.3	Apolipoprotein C-III	0.4	0.4	0.2	0.3	0.2
37	Mast cell carboxypeptidase A	0.3	0.2	0.3	0.3	0.3	Protein AMBP	0.4	0.3	0.2	0.2	0.2
38	Decorin	0.2	0.2	0.3	0.3	0.3	Dermcidin	0.4	0.4	0.1	0.3	0.2
39	Annexin A5	0.1	0.2	0.1	0.4	0.2	Transthyretin	0.5	0.2	0.2	0.2	0.2
40	Annexin A2	0.2	0.1	0.3	0.2	0.2	Phospholipid transfer protein	0.4	0.3	0.2	0.2	0.2
41	Endoplasmic	0.2	0.1	0.3	0.1	0.2	Ig kappa chain V-I region EU	0.3	0.3	0.1	0.2	0.2
42	Apolipoprotein A-IV	0.2	0.1	0.2	0.1	0.2	Ig lambda chain V-I region HA	0.3	0.3	0.1	0.2	0.2
43	Thioredoxin domain-containing protein 5	0.2	0.1	0.2	0.1	0.2	Annexin A2	0.3	0.3	0.1	0.2	0.2
44	Tropomyosin alpha-1 chain	0.1	0.1	0.1	0.2	0.2	Ig kappa chain V-II region Cum	0.3	0.3	0.1	0.2	0.2
45	L-lactate dehydrogenase A chain	0.1	0.1	0.1	0.2	0.1	Matrix Gla protein	0.3	0.3	0.1	0.2	0.2
46	Collagen alpha-1(V) chain	0.1	0.1	0.1	0.2	0.1	Ig kappa chain V-III region VG	0.3	0.3	0.1	0.2	0.2
47	Collagen alpha-1(XIV) chain	0.1	0.1	0.1	0.1	0.1	Collagen alpha-2(VI) chain	0.3	0.3	0.1	0.2	0.2
48	Plastin-2	0.1	0.1	0.1	0.1	0.1	Peroxiredoxin-1	0.2	0.4	0.1	0.3	0.2
49	Fibrillin-1	0.0	0.0	0.0	0.0	0.0	Insulin-like growth factor-binding protein complex acid labile subunit	0.5	0.2	0.2	0.1	0.2
50							Peptidyl-prolyl cis-trans isomerase B	0.2	0.4	0.1	0.3	0.2
51							Fibulin-1	0.3	0.3	0.1	0.2	0.2
52							Histone H2A type 1-A	0.3	0.3	0.1	0.2	0.2
53							EGF-containing fibulin-like extracellular matrix protein 1	0.2	0.3	0.1	0.2	0.1
54							Alpha-1-antichymotrypsin	0.3	0.3	0.1	0.2	0.1
55							Lysozyme C	0.2	0.2	0.1	0.2	0.1
56							Carboxypeptidase B2	0.2	0.3	0.1	0.2	0.1
57							ADP-ribosylation factor 1	0.2	0.2	0.1	0.1	0.1
58							Prostaglandin-H2 D-isomerase	0.2	0.2	0.1	0.1	0.1
59							Prelamin-A/C	0.2	0.2	0.1	0.1	0.1
60							Complement factor H-related protein 1	0.1	0.2	0.0	0.1	0.1
61							Dermatopontin	0.2	0.2	0.1	0.1	0.1
62							Collagen alpha-1(II) chain	0.2	0.1	0.1	0.1	0.1

Number	Eyelid specimen 2 - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Eyelid specimen 2 - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
63							Annexin A5	0.2	0.1	0.1	0.1	0.1
64							Kallistatin	0.3	0.1	0.1	0.1	0.1
65							Complement C3	0.1	0.1	0.1	0.1	0.1
66							Sushi repeat-containing protein SRPX	0.1	0.2	0.0	0.1	0.1
67							Secreted frizzled-related protein 2	0.1	0.1	0.0	0.1	0.1
68							Tropomyosin alpha-1 chain	0.1	0.1	0.0	0.1	0.1
69							Collagen alpha-1(XIV) chain	0.1	0.1	0.0	0.1	0.1
70							Plasminogen	0.1	0.1	0.0	0.1	0.1
71							Lumican	0.1	0.1	0.0	0.1	0.1
72							Pigment epithelium-derived factor	0.1	0.1	0.0	0.1	0.0
73							Complement component C8 beta chain	0.1	0.1	0.0	0.0	0.0
74							Coagulation factor IX	0.1	0.1	0.0	0.1	0.0
75							Lipopolysaccharide-binding protein	0.1	0.1	0.0	0.1	0.0
76							Serine protease HTRA1	0.1	0.1	0.0	0.1	0.0
77							Prothrombin	0.1	0.1	0.0	0.0	0.0
78							Collagen alpha-1(V) chain	0.0	0.0	0.0	0.0	0.0
79							Cadherin-1	0.0	0.0	0.0	0.0	0.0
80							Collagen alpha-2(V) chain	0.0	0.0	0.0	0.0	0.0
81							Filaggrin-2	0.0	0.0	0.0	0.0	0.0
82							Collagen alpha-1(XVIII) chain	0.0	0.0	0.0	0.0	0.0
83							Fibrillin-1	0.0	0.0	0.0	0.0	0.0

Number	Eyelid specimen 3 - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Eyelid specimen 3 - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
1	Hemoglobin subunit beta	797.3	517.7	56.0	59.4	57.7	Ig lambda-2 chain C regions	34.6	383.9	25.8	79.8	52.8
2	Hemoglobin subunit alpha	558.2	282.9	39.2	32.5	35.9	Hemoglobin subunit beta	24.4	19.5	18.2	4.0	11.1
3	Hemoglobin subunit delta	15.2	23.8	1.1	2.7	1.9	Hemoglobin subunit alpha	11.0	14.1	8.2	2.9	5.6
4	Collagen alpha-1(I) chain	16.3	13.8	1.1	1.6	1.4	Collagen alpha-1(I) chain	7.6	6.4	5.7	1.3	3.5
5	Collagen alpha-2(I) chain	9.4	6.7	0.7	0.8	0.7	Collagen alpha-2(I) chain	5.0	4.2	3.7	0.9	2.3
6	Ig lambda-2 chain C regions	5.0	3.4	0.3	0.4	0.4	Apolipoprotein A-IV	4.2	5.6	3.2	1.2	2.2
7	Hemoglobin subunit gamma-2	1.9	4.6	0.1	0.5	0.3	Apolipoprotein A-I	4.7	4.0	3.5	0.8	2.2
8	Hemoglobin subunit gamma-1	1.9	4.6	0.1	0.5	0.3	Hemoglobin subunit delta	3.5	5.9	2.6	1.2	1.9
9	Collagen alpha-1(III) chain	3.3	2.9	0.2	0.3	0.3	Collagen alpha-1(III) chain	3.5	3.2	2.6	0.7	1.6
10	Carbonic anhydrase 1	1.7	1.4	0.1	0.2	0.1	Vimentin	3.1	4.0	2.3	0.8	1.6
11	Fibrinogen beta chain	1.4	1.1	0.1	0.1	0.1	Serum amyloid P-component	3.0	3.6	2.2	0.7	1.5
12	Fibrinogen gamma chain	1.3	0.9	0.1	0.1	0.1	Ig lambda chain V-I region BL2	3.5	1.7	2.6	0.4	1.5
13	Peroxiredoxin-2	1.2	0.9	0.1	0.1	0.1	Vitronectin	2.2	2.2	1.7	0.5	1.1
14	Neutrophil defensin 1	0.9	0.9	0.1	0.1	0.1	Ig kappa chain C region	2.2	2.2	1.6	0.5	1.0
15	Histone H4	0.8	0.8	0.1	0.1	0.1	Serum albumin	2.2	2.0	1.6	0.4	1.0
16	Serum albumin	0.9	0.7	0.1	0.1	0.1	Apolipoprotein E	2.0	2.0	1.5	0.4	0.9
17	Fibrinogen alpha chain	0.5	0.5	0.0	0.1	0.0	Ig lambda chain V-I region NIG-64	2.3	0.8	1.7	0.2	0.9
18	Apolipoprotein A-IV	0.5	0.5	0.0	0.1	0.0	Collagen alpha-3(VI) chain	1.1	1.2	0.8	0.2	0.5
19	Vimentin	0.6	0.4	0.0	0.0	0.0	Actin, cytoplasmic 1	1.2	0.8	0.9	0.2	0.5
20	Dermcidin	0.4	0.4	0.0	0.0	0.0	Collagen alpha-1(VI) chain	0.9	1.0	0.6	0.2	0.4
21	Serum amyloid P-component	0.3	0.3	0.0	0.0	0.0	Protein S100-A6	0.9	0.4	0.7	0.1	0.4
22	Carbonic anhydrase 2	0.3	0.3	0.0	0.0	0.0	Actin, aortic smooth muscle	0.8	0.7	0.6	0.1	0.4
23	Vitronectin	0.3	0.2	0.0	0.0	0.0	Collagen alpha-2(VI) chain	0.8	0.8	0.6	0.2	0.4
24	Histone H3.3C	0.3	0.3	0.0	0.0	0.0	Transthyretin	0.5	1.4	0.4	0.3	0.3
25	Flavin reductase (NADPH)	0.4	0.2	0.0	0.0	0.0	Ig gamma-1 chain C region	0.6	0.8	0.5	0.2	0.3
26	Collagen alpha-3(VI) chain	0.3	0.2	0.0	0.0	0.0	Immunoglobulin lambda-like polypeptide 1	0.6	0.8	0.4	0.2	0.3
27	Band 3 anion transport protein	0.3	0.2	0.0	0.0	0.0	Ig gamma-2 chain C region	0.6	0.6	0.5	0.1	0.3
28	Ubiquitin-40S ribosomal protein S27a	0.2	0.2	0.0	0.0	0.0	Histone H2A type 1-A	0.6	0.6	0.5	0.1	0.3
29	Collagen alpha-1(VI) chain	0.3	0.1	0.0	0.0	0.0	Complement component C9	0.6	0.5	0.4	0.1	0.3
30	Catalase	0.3	0.1	0.0	0.0	0.0	Clusterin	0.4	0.5	0.3	0.1	0.2
31	Collagen alpha-1(II) chain	0.2	0.1	0.0	0.0	0.0	Ig delta chain C region	0.4	0.4	0.3	0.1	0.2
32	Collagen alpha-2(VI) chain	0.2	0.1	0.0	0.0	0.0	Histone H4	0.4	0.4	0.3	0.1	0.2
33	Dermatopontin	0.2	0.2	0.0	0.0	0.0	Ig kappa chain V-I region Lay	0.3	0.3	0.2	0.1	0.2
34	Mimecan	0.1	0.1	0.0	0.0	0.0	Ig kappa chain V-II region Cum	0.3	0.3	0.2	0.1	0.1
35	Lumican	0.1	0.1	0.0	0.0	0.0	Ig kappa chain V-III region VG	0.3	0.3	0.2	0.1	0.1
36	Collagen alpha-1(V) chain	0.1	0.0	0.0	0.0	0.0	Matrix Gla protein	0.3	0.3	0.2	0.1	0.1
37	Collagen alpha-2(V) chain	0.1	0.0	0.0	0.0	0.0	Carbonic anhydrase 1	0.3	0.3	0.2	0.1	0.1
38	Filaggrin-2	0.0	0.0	0.0	0.0	0.0	Prelamin-A/C	0.3	0.2	0.2	0.0	0.1
39							Fibrinogen gamma chain	0.2	0.3	0.2	0.1	0.1
40							Fibrinogen beta chain	0.2	0.3	0.2	0.1	0.1
41							Collagen alpha-1(II) chain	0.2	0.1	0.2	0.0	0.1
42							Gelsolin	0.2	0.1	0.2	0.0	0.1
43							Annexin A2	0.2	0.2	0.1	0.0	0.1
44							Collagen alpha-1(XIV) chain	0.2	0.2	0.1	0.0	0.1
45							Plasminogen	0.2	0.2	0.1	0.0	0.1
46							Heat shock protein beta-1	0.2	0.2	0.1	0.0	0.1
47							Sushi repeat-containing protein SRPX	0.2	0.2	0.1	0.0	0.1
48							Kallistatin	0.2	0.2	0.1	0.0	0.1
49							Fibrinogen alpha chain	0.2	0.1	0.1	0.0	0.1
50							Transforming growth factor-beta-induced protein ig-h3	0.2	0.2	0.1	0.0	0.1
51							Carboxypeptidase B2	0.2	0.1	0.1	0.0	0.1
52							Fibulin-1	0.1	0.1	0.1	0.0	0.1
53							Tropomyosin alpha-1 chain	0.1	0.1	0.1	0.0	0.1
54							Collagen alpha-1(VIII) chain	0.1	0.1	0.1	0.0	0.0
55							Lumican	0.1	0.1	0.1	0.0	0.0
56							Serotransferrin	0.1	0.1	0.1	0.0	0.0
57							Alpha-1-antichymotrypsin	0.1	0.1	0.1	0.0	0.0
58							Complement C3	0.1	0.1	0.1	0.0	0.0
59							Lipopolysaccharide-binding protein	0.1	0.1	0.1	0.0	0.0
60							Collagen alpha-1(V) chain	0.1	0.1	0.0	0.0	0.0
61							Fibronectin	0.0	0.0	0.0	0.0	0.0
62							Tenascin	0.0	0.1	0.0	0.0	0.0
63							Basement membrane-specific heparan sulfate proteoglycan core protein	0.0	0.0	0.0	0.0	0.0
64							Fibulin-2	0.0	0.0	0.0	0.0	0.0

Relative protein amounts in Conjunctiva. mol % is calculated as described by Ishihama, Y., et al., Exponentially modified protein abundance index (emPAI) for estimation of absolute protein amount in proteomics by the number of sequenced peptides per protein. Mol Cell Proteomics, 2005. 4(9): p. 1265-72

Number	Conjunctiva - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Conjunctiva - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
1	Collagen alpha-1(I) chain	22.6	22.6	22.0	21.3	21.7	Ig kappa chain C region	183.2	136.8	77.7	74.2	75.9
2	Ig kappa chain C region	17.1	12.6	16.7	11.9	14.3	Hemoglobin subunit beta	7.6	4.6	3.2	2.5	2.9
3	Collagen alpha-2(II) chain	10.7	9.4	10.4	8.9	9.6	Collagen alpha-1(I) chain	4.0	3.5	1.7	1.9	1.8
4	Hemoglobin subunit beta	3.5	7.6	3.4	7.2	5.3	Collagen alpha-2(I) chain	4.1	2.8	1.7	1.5	1.6
5	Histone H2B type 1-B	4.6	6.2	4.5	5.8	5.2	Hemoglobin subunit alpha	2.9	2.9	1.2	1.6	1.4
6	Vimentin	5.5	5.1	5.4	4.8	5.1	Vimentin	1.7	2.3	0.7	1.3	1.0
7	Collagen alpha-1(III) chain	5.0	4.8	4.9	4.6	4.7	Apolipoprotein A-IV	1.8	2.3	0.8	1.2	1.0
8	Histone H4	3.5	5.1	3.4	4.8	4.1	Serum amyloid P-component	1.3	2.5	0.5	1.3	0.9
9	Actin, cytoplasmic 1	3.6	3.2	3.5	3.1	3.3	Serum albumin	1.6	2.2	0.7	1.2	0.9
10	Hemoglobin subunit alpha	2.9	3.9	2.8	3.6	3.2	Collagen alpha-1(III) chain	1.6	1.8	0.7	0.9	0.8
11	Hemoglobin subunit delta	1.4	1.9	1.3	1.8	1.6	Apolipoprotein E	1.7	1.7	0.7	0.9	0.8
12	Serum albumin	1.3	1.6	1.2	1.5	1.4	Apolipoprotein A-I	1.5	1.5	0.6	0.8	0.7
13	Prelamin-A/C	1.1	1.2	1.0	1.1	1.1	Vitronectin	1.8	0.9	0.8	0.5	0.6
14	Histone H2A type 1-A	1.1	1.1	1.0	1.0	1.0	Histone H4	1.5	0.8	0.6	0.4	0.5
15	Annexin A2	1.1	0.9	1.1	0.8	1.0	Ig kappa chain V-III region SIE	1.4	0.8	0.6	0.4	0.5
16	Protein S100-A6	0.9	0.9	0.9	0.9	0.9	Protein S100-A6	0.9	0.9	0.4	0.5	0.5
17	Histone H2A.V	0.7	1.1	0.6	1.1	0.9	Actin, cytoplasmic 1	1.0	0.8	0.4	0.4	0.4
18	Ig alpha-1 chain C region	0.9	0.6	0.9	0.6	0.7	Ig lambda-2 chain C regions	0.8	0.8	0.3	0.4	0.4
19	Glyceraldehyde-3-phosphate dehydrogenase	0.6	0.8	0.6	0.8	0.7	Ig alpha-1 chain C region	0.6	0.9	0.3	0.5	0.4
20	Tubulin beta chain	0.7	0.7	0.6	0.6	0.6	Collagen alpha-1(VI) chain	0.5	0.7	0.2	0.4	0.3
21	Histone H1.2	0.6	0.6	0.6	0.6	0.6	Collagen alpha-3(VI) chain	0.7	0.6	0.3	0.3	0.3
22	Neutrophil defensin 1	0.4	0.9	0.4	0.8	0.6	Clusterin	0.5	0.7	0.2	0.4	0.3
23	Peroxiredoxin-1	0.6	0.6	0.6	0.6	0.6	Histone H2A type 1-A	0.6	0.6	0.3	0.3	0.3
24	Histone H3.3	0.6	0.6	0.6	0.5	0.5	Collagen alpha-2(VI) chain	0.6	0.5	0.3	0.3	0.3
25	Collagen alpha-3(VI) chain	0.5	0.5	0.5	0.5	0.5	Annexin A2	0.7	0.4	0.3	0.2	0.3
26	Ig gamma-3 chain C region	0.5	0.5	0.5	0.5	0.5	Transferrin	0.5	0.5	0.2	0.3	0.3
27	Transgelin-2	0.6	0.4	0.6	0.3	0.5	Actin, aortic smooth muscle	0.5	0.5	0.2	0.3	0.3
28	Tubulin alpha-1A chain	0.5	0.3	0.5	0.3	0.4	Lysozyme C	0.5	0.5	0.2	0.3	0.2
29	Profilin-1	0.3	0.6	0.3	0.5	0.4	Phospholipase A2, membrane associated	0.5	0.5	0.2	0.3	0.2
30	Ig gamma-1 chain C region	0.3	0.5	0.3	0.5	0.4	Phospholipid transfer protein	0.5	0.5	0.2	0.3	0.2
31	Collagen alpha-1(VI) chain	0.4	0.4	0.3	0.4	0.4	Ig delta chain C region	0.4	0.5	0.2	0.3	0.2
32	Ig lambda-2 chain C regions	0.4	0.4	0.3	0.3	0.3	Ig gamma-3 chain C region	0.5	0.4	0.2	0.2	0.2
33	Ig gamma-2 chain C region	0.3	0.3	0.3	0.3	0.3	Neutrophil defensin 1	0.4	0.4	0.2	0.2	0.2
34	Ig kappa chain V-I region Lay	0.3	0.3	0.3	0.3	0.3	Pigment epithelium-derived factor	0.5	0.3	0.2	0.1	0.2
35	Ig kappa chain V-III region SIE	0.3	0.3	0.3	0.3	0.3	Annexin A5	0.4	0.4	0.1	0.2	0.2
36	Ig heavy chain V-III region WEA	0.3	0.3	0.3	0.3	0.3	C-C motif chemokine 19	0.4	0.4	0.1	0.2	0.2
37	Alpha-crystallin A chain	0.4	0.2	0.4	0.2	0.3	Immunoglobulin lambda-like polypeptide 5	0.4	0.4	0.1	0.2	0.2
38	Collagen alpha-1(II) chain	0.3	0.3	0.3	0.3	0.3	Ig gamma-1 chain C region	0.3	0.3	0.1	0.2	0.2
39	Alpha-enolase	0.4	0.3	0.3	0.2	0.3	Ig gamma-2 chain C region	0.3	0.3	0.1	0.2	0.2
40	Trypsin delta	0.3	0.3	0.3	0.3	0.3	Ig kappa chain V-I region Lay	0.3	0.3	0.1	0.2	0.2
41	Annexin A5	0.2	0.4	0.2	0.3	0.3	Complement component C9	0.3	0.3	0.1	0.2	0.2
42	Apolipoprotein A-IV	0.3	0.3	0.3	0.3	0.3	Apolipoprotein D	0.4	0.2	0.2	0.1	0.1
43	Activated RNA polymerase II transcriptional coactivator p15	0.3	0.3	0.3	0.3	0.3	Alpha-1-antitrypsin	0.3	0.3	0.1	0.1	0.1
44	Endoplasmic	0.3	0.3	0.3	0.2	0.2	Alpha-1-antitrypsin	0.4	0.2	0.1	0.1	0.1
45	Collagen alpha-2(VI) chain	0.2	0.3	0.2	0.3	0.2	Plasminogen	0.2	0.2	0.1	0.1	0.1
46	Decorin	0.2	0.3	0.2	0.3	0.2	Decorin	0.2	0.2	0.1	0.1	0.1
47	Mast cell carboxypeptidase A	0.3	0.3	0.2	0.2	0.2	Gelsolin	0.2	0.2	0.1	0.1	0.1
48	Serum amyloid P-component	0.3	0.2	0.3	0.1	0.2	Prelamin-A/C	0.3	0.1	0.1	0.1	0.1
49	Lysozyme C	0.2	0.2	0.2	0.2	0.2	Heat shock protein beta-1	0.2	0.2	0.1	0.1	0.1
50	Vitronectin	0.1	0.3	0.1	0.3	0.2	Peroxiredoxin-1	0.2	0.2	0.1	0.1	0.1
51	ATP synthase subunit beta, mitochondrial	0.1	0.3	0.1	0.3	0.2	Kallistatin	0.2	0.2	0.1	0.1	0.1
52	Heterogeneous nuclear ribonucleoproteins A2/B1	0.2	0.2	0.2	0.2	0.2	Elongation factor 1-alpha 1	0.2	0.2	0.1	0.1	0.1
53	Ubiquitin-40S ribosomal protein S27a	0.2	0.2	0.2	0.2	0.2	Collagen alpha-1(II) chain	0.2	0.1	0.1	0.1	0.1
54	Elongation factor 1-alpha 1	0.2	0.2	0.1	0.2	0.2	Insulin-like growth factor-binding protein complex acid labile subunit	0.2	0.1	0.1	0.1	0.1
55	Ig mu chain C region	0.2	0.2	0.1	0.2	0.2	Antithrombin-III	0.1	0.1	0.1	0.1	0.1
56	Mimecan	0.2	0.1	0.2	0.1	0.2	Fibulin-1	0.1	0.1	0.1	0.1	0.1
57	Coronin-1A	0.2	0.2	0.1	0.1	0.1	Carboxypeptidase B2	0.1	0.2	0.0	0.1	0.1
58	Collagen alpha-1(XIV) chain	0.1	0.2	0.1	0.2	0.1	Transforming growth factor-beta-induced protein ig-h3	0.2	0.1	0.1	0.1	0.1
59	Fructose-bisphosphate aldolase A	0.2	0.1	0.2	0.1	0.1	Alpha-enolase	0.2	0.1	0.1	0.0	0.1
60	Transmembrane protein 109	0.1	0.1	0.1	0.1	0.1	Tropomyosin alpha-1 chain	0.1	0.1	0.0	0.1	0.1
61	Plastin-2	0.2	0.1	0.2	0.1	0.1	Tubulin alpha-1A chain	0.2	0.1	0.1	0.0	0.1
62	Collagen alpha-1(V) chain	0.1	0.1	0.1	0.1	0.1	Aldo-keto reductase family 1 member C4	0.1	0.1	0.0	0.1	0.0
63	60S ribosomal protein L7	0.1	0.1	0.1	0.1	0.1	L-lactate dehydrogenase A chain	0.1	0.1	0.0	0.1	0.0
64	Heat shock cognate 71 kDa protein	0.1	0.1	0.1	0.1	0.1	Lactotransferrin	0.1	0.1	0.0	0.0	0.0
65	Heterogeneous nuclear ribonucleoprotein A1-like 2	0.1	0.1	0.1	0.1	0.1	Inter-alpha-trypsin inhibitor heavy chain H4	0.1	0.1	0.0	0.0	0.0

Number	Conjunctiva - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Conjunctiva - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
66	Lamin-B1	0.1	0.1	0.1	0.1	0.1	Serine protease HTRA1	0.1	0.1	0.0	0.0	0.0
67	Heterogeneous nuclear ribonucleoprotein K	0.1	0.2	0.1	0.1	0.1	Complement C3	0.1	0.0	0.0	0.0	0.0
68	Clusterin	0.1	0.1	0.1	0.1	0.1	Collagen alpha-1(XIV) chain	0.1	0.0	0.0	0.0	0.0
69	78 kDa glucose-regulated protein	0.1	0.1	0.1	0.1	0.1	Complement C4-A	0.0	0.0	0.0	0.0	0.0
70	Annexin A1	0.1	0.1	0.1	0.1	0.1	Fibrillin-1	0.0	0.0	0.0	0.0	0.0
71	Ig delta chain C region	0.1	0.1	0.1	0.1	0.1	Tenascin-X	0.0	0.0	0.0	0.0	0.0
72	Collagen alpha-2(V) chain	0.1	0.1	0.1	0.1	0.1						
73	Guanine nucleotide-binding protein G(olf) subunit alpha	0.1	0.1	0.1	0.1	0.1						
74	Phosphoglycerate kinase 1	0.1	0.1	0.1	0.1	0.1						
75	Fibrillin-1	0.0	0.0	0.0	0.0	0.0						
76	Neuroblast differentiation-associated protein AHNAK	0.0	0.0	0.0	0.0	0.0						
77	Plectin	0.0	0.0	0.0	0.0	0.0						

Relative protein amounts in Orbit. mol % is calculated as described by Ishihama, Y., et al., Exponentially modified protein abundance index (emPAI) for estimation of absolute protein amount in proteomics by the number of sequenced peptides per protein. Mol Cell Proteomics, 2005. 4(9): p. 1265-72

Number	Orbit - control	Replicate 1	Replicate 2	Replicate 1	Replicate 2	Average	Orbit - deposits	Replicate 1	Replicate 2	Replicate 1	Replicate 2	Average
		emPAI	emPAI	mol %	mol %	mol %		emPAI	emPAI	mol %	mol %	mol %
1	Hemoglobin subunit beta	1227.6	517.7	78.2	77.7	78.0	Ig kappa chain C region	1399.0	1399.0	94.0	94.8	94.4
2	Hemoglobin subunit alpha	225.5	72.2	14.4	10.8	12.6	Ig kappa chain V-I region DEE	9.2	6.6	0.6	0.4	0.5
3	Hemoglobin subunit delta	57.5	29.8	3.7	4.5	4.1	Hemoglobin subunit beta	7.6	7.6	0.5	0.5	0.5
4	Ig kappa chain C region	9.2	6.6	0.6	1.0	0.8	Hemoglobin subunit alpha	8.6	5.1	0.6	0.3	0.5
5	Histone H4	7.2	5.1	0.5	0.8	0.6	Collagen alpha-1(I) chain	5.6	5.1	0.4	0.3	0.4
6	Histone H2B type 1-L	8.2	4.6	0.5	0.7	0.6	Apolipoprotein E	5.5	4.9	0.4	0.3	0.3
7	Vimentin	3.7	3.7	0.2	0.5	0.4	Serum amyloid P-component	3.6	4.3	0.2	0.3	0.3
8	Collagen alpha-1(I) chain	3.7	2.7	0.2	0.4	0.3	Serum albumin	4.3	3.3	0.3	0.2	0.3
9	Actin, cytoplasmic 1	2.0	2.6	0.1	0.4	0.3	Apolipoprotein A-I	3.5	3.5	0.2	0.2	0.2
10	Collagen alpha-2(I) chain	2.1	1.5	0.1	0.2	0.2	Collagen alpha-2(I) chain	3.4	2.4	0.2	0.2	0.2
11	Serum albumin	1.6	1.3	0.1	0.2	0.1	Collagen alpha-1(III) chain	2.7	2.6	0.2	0.2	0.2
12	Histone H2A type 1-A	1.6	1.1	0.1	0.2	0.1	Hemoglobin subunit delta	2.6	1.9	0.2	0.1	0.2
13	Peroxiredoxin-2	2.1	0.9	0.1	0.1	0.1	Ig gamma-1 chain C region	1.9	1.4	0.1	0.1	0.1
14	Ig gamma-1 chain C region	1.0	1.2	0.1	0.2	0.1	Ig lambda-2 chain C regions	1.4	1.4	0.1	0.1	0.1
15	Carbonic anhydrase 1	1.7	0.9	0.1	0.1	0.1	Cystatin-C	1.4	1.4	0.1	0.1	0.1
16	Histone H2A.V	0.7	1.1	0.0	0.2	0.1	Vimentin	1.4	1.4	0.1	0.1	0.1
17	Flavin reductase (NADPH)	1.2	0.9	0.1	0.1	0.1	Actin, cytoplasmic 1	1.3	1.3	0.1	0.1	0.1
18	Peroxiredoxin-1	0.4	1.2	0.0	0.2	0.1	Vitronectin	1.5	1.2	0.1	0.1	0.1
19	Protein S100-A6	0.9	0.9	0.1	0.1	0.1	Apolipoprotein A-IV	1.0	1.4	0.1	0.1	0.1
20	Ig lambda-2 chain C regions	0.8	0.8	0.1	0.1	0.1	Ig gamma-2 chain C region	1.2	1.2	0.1	0.1	0.1
21	Collagen alpha-1(III) chain	1.1	0.6	0.1	0.1	0.1	Ig alpha-1 chain C region	1.1	0.9	0.1	0.1	0.1
22	Histone H1.2	0.6	0.6	0.0	0.1	0.1	Transthyretin	1.4	0.5	0.1	0.0	0.1
23	Ubiquitin-40S ribosomal protein S27a	0.8	0.5	0.0	0.1	0.1	Protein S100-A6	0.9	0.9	0.1	0.1	0.1
24	Tubulin beta chain	0.8	0.4	0.0	0.1	0.1	Neutrophil defensin 1	0.9	0.9	0.1	0.1	0.1
25	Glyceraldehyde-3-phosphate dehydrogenase	0.2	0.6	0.0	0.1	0.1	Collagen alpha-3(VI) chain	0.9	0.8	0.1	0.1	0.1
26	Fibrinogen beta chain	0.4	0.5	0.0	0.1	0.0	Collagen alpha-1(VI) chain	0.9	0.8	0.1	0.1	0.1
27	Neutrophil defensin 1	0.4	0.4	0.0	0.1	0.0	Ig kappa chain V-I region EU	0.8	0.8	0.1	0.1	0.1
28	Catalase	0.3	0.4	0.0	0.1	0.0	Ig kappa chain V-III region SIE	0.8	0.8	0.1	0.1	0.1
29	Ig kappa chain V-III region VG	0.3	0.3	0.0	0.0	0.0	Collagen alpha-2(VI) chain	0.8	0.6	0.1	0.0	0.0
30	Macrophage migration inhibitory factor	0.3	0.3	0.0	0.0	0.0	Actin, aortic smooth muscle	0.5	0.7	0.0	0.0	0.0
31	Elongation factor 1-alpha 1	0.2	0.3	0.0	0.0	0.0	Immunoglobulin lambda-like polypeptide 5	0.6	0.6	0.0	0.0	0.0
32	Tubulin alpha-1A chain	0.2	0.3	0.0	0.0	0.0	Procollagen C-endopeptidase enhancer 1	0.7	0.4	0.0	0.0	0.0
33	Peptidyl-prolyl cis-trans isomerase A	0.5	0.2	0.0	0.0	0.0	Metalloproteinase inhibitor 3	0.3	0.8	0.0	0.1	0.0
34	Fibrinogen alpha chain	0.4	0.2	0.0	0.0	0.0	Complement component C9	0.5	0.6	0.0	0.0	0.0
35	Endoplasmic	0.2	0.3	0.0	0.0	0.0	Protein AMBP	0.4	0.6	0.0	0.0	0.0
36	Fructose-bisphosphate aldolase A	0.3	0.2	0.0	0.0	0.0	Phospholipid transfer protein	0.6	0.4	0.0	0.0	0.0
37	Vitronectin	0.2	0.2	0.0	0.0	0.0	Histone H2A type 1-A	0.6	0.3	0.0	0.0	0.0
38	Band 3 anion transport protein	0.3	0.2	0.0	0.0	0.0	Pigment epithelium-derived factor	0.6	0.3	0.0	0.0	0.0
39	Annexin A5	0.5	0.1	0.0	0.0	0.0	Complement component C8 gamma chain	0.4	0.4	0.0	0.0	0.0
40	ATP synthase subunit beta, mitochondrial	0.4	0.1	0.0	0.0	0.0	Alpha-1-antitrypsin	0.5	0.3	0.0	0.0	0.0
41	Peroxiredoxin-6	0.3	0.2	0.0	0.0	0.0	Clusterin	0.4	0.3	0.0	0.0	0.0
42	Heat shock cognate 71 kDa protein	0.2	0.2	0.0	0.0	0.0	Ig kappa chain V-III region B6	0.3	0.3	0.0	0.0	0.0
43	Thioredoxin domain-containing protein 5	0.3	0.2	0.0	0.0	0.0	Immunoglobulin J chain	0.5	0.2	0.0	0.0	0.0
44	78 kDa glucose-regulated protein	0.2	0.2	0.0	0.0	0.0	Ig lambda chain V-I region HA	0.3	0.3	0.0	0.0	0.0
45	Annexin A2	0.1	0.2	0.0	0.0	0.0	Cathepsin D	0.3	0.4	0.0	0.0	0.0
46	Moesin	0.2	0.2	0.0	0.0	0.0	Ig kappa chain V-III region VG	0.3	0.3	0.0	0.0	0.0
47	Triosephosphate isomerase	0.3	0.1	0.0	0.0	0.0	Lactotransferrin	0.3	0.3	0.0	0.0	0.0
48	Plastin-2	0.2	0.2	0.0	0.0	0.0	Cathepsin K	0.2	0.3	0.0	0.0	0.0
49	Fibrinogen gamma chain	0.2	0.2	0.0	0.0	0.0	Tetranectin	0.4	0.2	0.0	0.0	0.0
50	Collagen alpha-1(II) chain	0.2	0.1	0.0	0.0	0.0	Ig mu chain C region	0.3	0.2	0.0	0.0	0.0
51	Alpha-enolase	0.1	0.2	0.0	0.0	0.0	Gelsolin	0.2	0.2	0.0	0.0	0.0
52	L-lactate dehydrogenase A chain	0.2	0.1	0.0	0.0	0.0	Ubiquitin-40S ribosomal protein S27a	0.2	0.2	0.0	0.0	0.0
53	60S ribosomal protein L7	0.1	0.1	0.0	0.0	0.0	Complement C3	0.2	0.2	0.0	0.0	0.0
54	Putative heat shock protein HSP 90-beta-3	0.2	0.1	0.0	0.0	0.0	Complement factor H-related protein 1	0.2	0.2	0.0	0.0	0.0

Number	Orbit - control	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %	Orbit - deposits	Replicate 1 emPAI	Replicate 2 emPAI	Replicate 1 mol %	Replicate 2 mol %	Average mol %
55	Apolipoprotein E	0.1	0.1	0.0	0.0	0.0	Collagen alpha-1(II) chain	0.2	0.2	0.0	0.0	0.0
56	Heterogeneous nuclear ribonucleoproteins A2/B1	0.1	0.1	0.0	0.0	0.0	Serine protease HTRA1	0.2	0.2	0.0	0.0	0.0
57	Solute carrier family 2, facilitated glucose transporter member 1	0.1	0.1	0.0	0.0	0.0	EGF-containing fibulin-like extracellular matrix protein 1	0.1	0.2	0.0	0.0	0.0
58	Prelamin-A/C	0.1	0.1	0.0	0.0	0.0	Peroxiredoxin-1	0.2	0.2	0.0	0.0	0.0
59	Annexin A6	0.1	0.1	0.0	0.0	0.0	Transmembrane glycoprotein NMB	0.1	0.2	0.0	0.0	0.0
60	Elongation factor 2	0.1	0.0	0.0	0.0	0.0	Complement C1q tumor necrosis factor-related protein 5	0.2	0.2	0.0	0.0	0.0
61	Pyruvate kinase PKM	0.1	0.1	0.0	0.0	0.0	Serotransferrin	0.2	0.1	0.0	0.0	0.0
62	Spectrin alpha chain, erythrocytic 1	0.0	0.0	0.0	0.0	0.0	Beta-2-glycoprotein 1	0.1	0.2	0.0	0.0	0.0
63	Collagen alpha-3(VI) chain	0.1	0.0	0.0	0.0	0.0	Plasminogen	0.2	0.1	0.0	0.0	0.0
64							Secreted frizzled-related protein 4	0.1	0.2	0.0	0.0	0.0
65							Fibulin-1	0.1	0.2	0.0	0.0	0.0
66							Phospholipase D3	0.1	0.1	0.0	0.0	0.0
67							Plasma protease C1 inhibitor	0.2	0.1	0.0	0.0	0.0
68							HLA class II histocompatibility antigen, DRB1-15 beta chain	0.1	0.1	0.0	0.0	0.0
69							Carboxypeptidase B2	0.2	0.1	0.0	0.0	0.0
70							Secreted frizzled-related protein 2	0.1	0.1	0.0	0.0	0.0
71							Complement component C8 beta chain	0.1	0.1	0.0	0.0	0.0
72							Inter-alpha-trypsin inhibitor heavy chain H4	0.1	0.1	0.0	0.0	0.0
73							Complement factor H	0.1	0.1	0.0	0.0	0.0
74							Collagen alpha-1(XII) chain	0.1	0.1	0.0	0.0	0.0
75							Collagen alpha-2(V) chain	0.1	0.1	0.0	0.0	0.0
76							Collagen alpha-1(V) chain	0.1	0.1	0.0	0.0	0.0
77							Collagen alpha-1(XIV) chain	0.1	0.1	0.0	0.0	0.0
78							Matrix metalloproteinase-9	0.1	0.1	0.0	0.0	0.0
79							Coagulation factor IX	0.1	0.1	0.0	0.0	0.0
80							Elongation factor 1-alpha 1	0.1	0.1	0.0	0.0	0.0
81							Inter-alpha-trypsin inhibitor heavy chain H2	0.1	0.1	0.0	0.0	0.0
82							Fibulin-2	0.1	0.0	0.0	0.0	0.0
83							Prolow-density lipoprotein receptor-related protein 1	0.0	0.0	0.0	0.0	0.0
84							Partitioning defective 3 homolog	0.0	0.0	0.0	0.0	0.0
85							Fibrillin-1	0.0	0.0	0.0	0.0	0.0



Protein comparison analysis. X indicates if a protein has been identified in both technical replicates of a given sample. Proteins marked in green are exclusively found in all amyloid cases but non of the controls.

Accession Nr	Name	Eyelid specimen 1 deposits	Eyelid specimen 2 deposits	Eyelid specimen 3 deposits	Conjunctiva deposits	Orbit deposits	Eyelid specimen 1 control	Eyelid specimen 2 control	Eyelid specimen 3 control	Conjunctiva control	Orbit control	Deposits	Control
P18124	60S ribosomal protein L7									X	X	0	2
P11021	78 kDa glucose-regulated protein									X	X	0	2
P62736	Actin, aortic smooth muscle			X	X	X						3	0
P60709	Actin, cytoplasmic 1		X	X	X	X		X		X	X	4	3
P53999	Activated RNA polymerase II transcriptional coactivator p15									X		0	1
P84077	ADP-ribosylation factor 1		X									1	0
P17516	Aldo-keto reductase family 1 member C4				X							1	0
P01011	Alpha-1-antichymotrypsin		X	X	X							3	0
P01009	Alpha-1-antitrypsin				X	X						2	0
P02489	Alpha-crystallin A chain									X		0	1
P06733	Alpha-enolase				X					X	X	1	2
P04083	Annexin A1									X		0	1
P07355	Annexin A2		X	X	X			X		X	X	3	3
P08758	Annexin A5		X		X			X		X	X	2	3
P08133	Annexin A6										X	0	1
P01008	Antithrombin-III				X							1	0
P02647	Apolipoprotein A-I	X	X	X	X	X						5	0
P02652	Apolipoprotein A-II		X									1	0
P06727	Apolipoprotein A-IV	X	X	X	X	X	X	X	X	X		5	4
P02656	Apolipoprotein C-III		X									1	0
P05090	Apolipoprotein D		X		X							2	0
P02649	Apolipoprotein E	X	X	X	X	X	X	X				5	3
P06576	ATP synthase subunit beta, mitochondrial									X	X	0	2
P02730	Band 3 anion transport protein								X		X	0	2
P98160	Basement membrane-specific heparan sulfate proteoglycan core protein			X								1	0
P02749	Beta-2-glycoprotein 1					X						1	0
Q99731	C-C motif chemokine 19				X							1	0
P12830	Cadherin-1		X									1	0
P00915	Carbonic anhydrase 1			X							X	1	2
P00918	Carbonic anhydrase 2								X			0	1
Q96IV4	Carboxypeptidase B2	X	X	X	X	X						5	0
P04040	Catalase								X		X	0	2
P07339	Cathepsin D					X						1	0
P43235	Cathepsin K					X						1	0
P10909	Clusterin	X	X	X	X	X	X			X		5	2
P00740	Coagulation factor IX		X			X						2	0
P02452	Collagen alpha-1(I) chain	X	X	X	X	X	X	X	X	X	X	5	5
P02458	Collagen alpha-1(II) chain	X	X	X	X	X	X	X	X	X	X	5	4
P02461	Collagen alpha-1(III) chain	X	X	X	X	X	X	X	X	X	X	5	5
P20908	Collagen alpha-1(V) chain		X	X	X	X		X	X	X		3	3
P12109	Collagen alpha-1(VI) chain	X	X	X	X	X	X	X	X	X		5	4
P27658	Collagen alpha-1(VIII) chain			X								1	0
Q99715	Collagen alpha-1(XII) chain					X						1	0
Q05707	Collagen alpha-1(XIV) chain		X	X	X	X		X		X		4	2
P39060	Collagen alpha-1(XVIII) chain		X									1	0
P08123	Collagen alpha-2(I) chain	X	X	X	X	X	X	X	X	X	X	5	5
P05997	Collagen alpha-2(V) chain		X			X			X	X		2	2
P12110	Collagen alpha-2(VI) chain	X	X	X	X	X	X	X	X	X		5	4
P12111	Collagen alpha-3(VI) chain	X	X	X	X	X	X	X	X	X	X	5	5
P02747	Complement C1q subcomponent subunit C	X										1	0
Q9BXJ0	Complement C1q tumor necrosis factor-related protein 5					X						1	0
P01024	Complement C3		X	X	X	X						4	0
P0C0L4	Complement C4-A				X							1	0
P07358	Complement component C8 beta chain		X			X						2	0
P07360	Complement component C8 gamma chain		X			X						2	0
P02748	Complement component C9	X	X	X	X	X						5	0
P08603	Complement factor H					X						1	0
Q03591	Complement factor H-related protein 1		X			X						2	0
P31146	Coronin-1A									X		0	1

Accession Nr	Name	Eyelid specimen 1 deposits	Eyelid specimen 2 deposits	Eyelid specimen 3 deposits	Conjunctiva deposits	Orbit deposits	Eyelid specimen 1 control	Eyelid specimen 2 control	Eyelid specimen 3 control	Conjunctiva control	Orbit control	Deposits	Control
P01034	Cystatin-C					X						1	0
P07585	Decorin				X			X		X		1	2
Q07507	Dermatopontin		X						X			1	1
P81605	Dermcidin		X				X		X			1	2
Q12805	EGF-containing fibulin-like extracellular matrix protein 1		X									2	0
P68104	Elongation factor 1-alpha 1				X	X				X	X	2	2
P13639	Elongation factor 2										X	0	1
P14625	Endoplasmin							X		X	X	0	3
P02792	Ferritin light chain							X				0	1
P35555	Fibrillin-1		X		X	X		X		X		3	2
P02671	Fibrinogen alpha chain			X					X		X	1	2
P02675	Fibrinogen beta chain			X					X		X	1	2
P02679	Fibrinogen gamma chain			X					X		X	1	2
P02751	Fibronectin			X								1	0
P23142	Fibulin-1	X	X	X	X	X						5	0
P98095	Fibulin-2			X		X						2	0
Q5D862	Flilaggrin-2		X				X					1	2
P30043	Flavin reductase (NADPH)								X		X	0	2
P04075	Fructose-bisphosphate aldolase A									X	X	0	2
P06396	Gelsolin			X	X	X						3	0
P04406	Glyceraldehyde-3-phosphate dehydrogenase									X	X	0	2
P38405	Guanine nucleotide-binding protein G(olf) subunit alpha									X		0	1
P11142	Heat shock cognate 71 kDa protein									X	X	0	2
P04792	Heat shock protein beta-1			X	X							2	0
P69905	Hemoglobin subunit alpha	X	X	X	X	X	X	X	X	X	X	5	5
P68871	Hemoglobin subunit beta	X	X	X	X	X	X	X	X	X	X	5	5
P02042	Hemoglobin subunit delta		X	X		X		X	X	X	X	3	4
P69891	Hemoglobin subunit gamma-1								X			0	1
P69892	Hemoglobin subunit gamma-2								X			0	1
Q32P51	Heterogeneous nuclear ribonucleoprotein A1-like 2									X		0	1
P61978	Heterogeneous nuclear ribonucleoprotein K									X		0	1
P22626	Heterogeneous nuclear ribonucleoproteins A2/B1									X	X	0	2
P16403	Histone H1.2									X	X	0	3
Q96QV6	Histone H2A type 1-A		X	X	X	X	X	X	X	X	X	4	4
Q71UJ9	Histone H2A.V							X		X	X	0	3
Q96A08	Histone H2B type 1-A		X							X	X	1	0
P33778	Histone H2B type 1-B									X		0	1
Q99880	Histone H2B type 1-L										X	0	1
P84243	Histone H3.3									X		0	1
Q6NXT2	Histone H3.3C							X	X			0	2
P62805	Histone H4		X	X	X		X	X	X	X	X	3	5
P01911	HLA class II histocompatibility antigen, DRB1-15 beta chain					X						1	0
P01876	Ig alpha-1 chain C region				X	X		X		X		2	2
P01880	Ig delta chain C region	X		X	X		X			X		3	2
P01857	Ig gamma-1 chain C region		X	X	X	X		X		X	X	4	3
P01859	Ig gamma-2 chain C region			X	X	X				X		3	1
P01860	Ig gamma-3 chain C region		X		X			X		X		2	2
P01861	Ig gamma-4 chain C region		X									1	0
P01763	Ig heavy chain V-III region WEA							X		X		0	2
P01834	Ig kappa chain C region	X	X	X	X	X	X	X		X	X	5	4
P01597	Ig kappa chain V-I region DEE		X			X						2	0
P01598	Ig kappa chain V-I region EU		X			X						2	0
P01605	Ig kappa chain V-I region Lay			X	X					X		2	1
P01614	Ig kappa chain V-II region Cum		X	X								2	0
P01619	Ig kappa chain V-III region B6					X						1	0
P01620	Ig kappa chain V-III region SIE		X		X	X	X	X		X		3	3
P04433	Ig kappa chain V-III region VG		X	X		X					X	3	1
P01623	Ig kappa chain V-III region VWOL	X		X		X						1	0
P06316	Ig lambda chain V-I region BL2			X								1	0
P01700	Ig lambda chain V-I region HA		X			X						2	0
P01702	Ig lambda chain V-I region NIG-64			X								1	0

Accession Nr	Name	Eyelid specimen 1 deposits	Eyelid specimen 2 deposits	Eyelid specimen 3 deposits	Conjunctiva deposits	Orbit deposits	Eyelid specimen 1 control	Eyelid specimen 2 control	Eyelid specimen 3 control	Conjunctiva control	Orbit control	Deposits	Control
P80748	Ig lambda chain V-III region LOI		X					X				1	1
P0CG05	Ig lambda-2 chain C regions		X	X	X	X		X	X	X	X	4	4
P01871	Ig mu chain C region					X						1	1
P01591	Immunoglobulin J chain					X						1	0
P15814	Immunoglobulin lambda-like polypeptide 1			X								1	0
B9A064	Immunoglobulin lambda-like polypeptide 5		X		X	X						3	0
P35858	Insulin-like growth factor-binding protein complex acid labile subunit	X	X		X							3	0
P19823	Inter-alpha-trypsin inhibitor heavy chain H2					X						1	0
Q14624	Inter-alpha-trypsin inhibitor heavy chain H4				X	X						2	0
P29622	Kallistatin		X	X	X							3	0
P00338	L-lactate dehydrogenase A chain				X			X			X	1	2
P02788	Lactotransferrin				X	X						2	0
P20700	Lamin-B1									X		0	1
P18428	Lipopolysaccharide-binding protein	X	X	X								3	0
P51884	Lumican		X	X				X	X			2	2
P61626	Lysozyme C		X							X		2	1
P14174	Macrophage migration inhibitory factor				X							0	1
P15088	Mast cell carboxypeptidase A							X		X		0	2
P08493	Matrix Gla protein		X	X								2	0
P14780	Matrix metalloproteinase-9					X						1	0
P35625	Metalloproteinase inhibitor 3					X						1	0
P20774	Mimecan								X	X		0	2
P26038	Moesin										X	0	1
Q09666	Neuroblast differentiation-associated protein AHNAK									X		0	1
P59665	Neutrophil defensin 1	X	X		X	X	X		X	X	X	4	4
Q8TEW0	Partitioning defective 3 homolog					X						1	0
P62937	Peptidyl-prolyl cis-trans isomerase A										X	0	1
P23284	Peptidyl-prolyl cis-trans isomerase B		X									1	0
Q06830	Peroxiredoxin-1		X		X	X		X		X	X	3	3
P32119	Peroxiredoxin-2								X		X	0	2
P30041	Peroxiredoxin-6										X	0	1
P00558	Phosphoglycerate kinase 1									X		0	1
P14555	Phospholipase A2, membrane associated	X	X		X		X					3	1
Q8IV08	Phospholipase D3					X						1	0
P55058	Phospholipid transfer protein	X	X		X	X						4	0
P36955	Pigment epithelium-derived factor		X		X	X						3	0
P05155	Plasma protease C1 inhibitor					X						1	0
P00747	Plasminogen	X	X	X	X	X						5	0
P13796	Plastin-2							X		X	X	0	3
Q15149	Plectin									X		0	1
Q02545	Prelamin-A/C		X	X	X			X		X	X	3	3
Q15113	Procollagen C-endopeptidase enhancer 1											1	0
P07737	Profilin-1					X				X		0	1
Q07954	Prolow-density lipoprotein receptor-related protein 1					X						1	0
P41222	Prostaglandin-H2 D-isomerase		X									1	0
P02760	Protein AMBP		X			X						2	0
P06703	Protein S100-A6	X	X	X	X	X		X		X	X	5	3
P00734	Prothrombin		X									1	0
Q58FF7	Putative heat shock protein HSP 90-beta-3											0	1
P14618	Pyruvate kinase PKM										X	0	1
Q96HF1	Secreted frizzled-related protein 2		X			X						2	0
Q6FHJ7	Secreted frizzled-related protein 4					X						1	0
Q92743	Serine protease HTRA1		X		X	X						3	0
P02787	Serotransferrin			X		X						2	0
P02768	Serum albumin	X	X	X	X	X	X	X	X	X	X	5	5
P02743	Serum amyloid P-component	X	X	X	X	X	X	X	X	X		5	4
P11166	Solute carrier family 2, facilitated glucose transporter member 1										X	0	1
Q02549	Spectrin alpha chain, erythrocytic 1										X	0	1
P78539	Sushi repeat-containing protein SRPX	X	X	X								3	0
P24821	Tenascin			X								1	0
P22105	Tenascin-X				X							1	0

Accession Nr	Name	Eyelid specimen 1 deposits	Eyelid specimen 2 deposits	Eyelid specimen 3 deposits	Conjunctiva deposits	Orbit deposits	Eyelid specimen 1 control	Eyelid specimen 2 control	Eyelid specimen 3 control	Conjunctiva control	Orbit control	Deposits	Control
P05452	Tetranectin					X						1	0
Q8NBS9	Thioredoxin domain-containing protein 5							X			X	0	2
Q15582	Transforming growth factor-beta-induced protein ig-h3			X	X							2	0
P37802	Transgelin-2									X		0	1
Q14956	Transmembrane glycoprotein NMB					X						1	0
Q9BVC6	Transmembrane protein 109									X		0	1
P02766	Transthyretin		X	X	X	X						4	0
P60174	Triosephosphate isomerase										X	0	1
P09493	Tropomyosin alpha-1 chain		X	X	X			X				3	1
Q9BZJ3	Tryptase delta							X		X		0	2
Q71U36	Tubulin alpha-1A chain				X					X	X	1	2
P07437	Tubulin beta chain									X	X	0	2
P62979	Ubiquitin-40S ribosomal protein S27a					X		X	X	X	X	1	4
P08670	Vimentin		X	X	X	X		X	X	X	X	4	4
P04004	Vitronectin	X	X	X	X	X	X	X	X	X	X	5	5