

Tear film proteome in age-related macular degeneration.

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Supplementary table 3 - Dry AMD patients identified proteins

Protein Name	Score	Mass	Matches	Access no.
Serum albumin	207	71.3	10	P02768
Zinc-alpha-2-glycoprotein	116	34.5	13	P25311
Bromodomain testis-specific protein	80	108.5	18	Q58F21
Unconventional myosin-Ih	78	120	19	Q8N1T3
Endothelial differentiation-related factor 1	78	16.4	8	O60869
Lipocalin-1	76	19.4	9	P31025
Protein SSX2	75	21.7	8	Q16385
Actin, cytoplasmic 1	74	42.1	9	P60709
Unconventional myosin-Ih	73	120	21	Q8N1T3
tetratricopeptide repeat protein	73	19.4	8	P31025
Integrator complex subunit 6	72	101	11	Q9UL03
A-kinase anchor protein 4	70	95.8	10	Q5JQC9
Integrator complex subunit 6	69	101	11	Q9UL03
Uncharacterized protein C1orf122	68	11.5	7	Q6ZSJ8
Grainyhead-like protein 3 homolog	67	71	8	Q8TE85
Integrator complex subunit 6	67	101	12	Q9UL03
Speedy protein A	66	39.8	9	Q6IBS0
Shootin-1	66	72.1	11	A0MZ66
Prolactin-inducible protein	66	16.8	7	P12273
Guanine nucleotide-binding protein subunit alpha-11	66	42.4	10	P29992
Prolactin-inducible protein	66	16.8	6	P12273
Integrator complex submit6	65	101	11	Q9UL03
Exocyst complex component 8	65	82.4	15	Q8IYI6

Protein Name	Score	Mass	Matches	Access no.
Desmin	65	53.6	9	P17661
SRC kinase signaling inhibitor	65	112.7	15	Q9C0H9
tRNA-dihydrouridine(20) synthase [NAD(P)+]-like	64	55.8	11	Q9NX74
AP-2 complex subunit alpha-1	64	108.6	7	O95782
Ferritin heavy polypeptide-like 17	64	21.4	8	Q9BXU8
Prolactin-inducible protein	64	16.8	9	P12273
Dynein heavy chain 17, axonemal	64	515.3	26	Q9UFH2
Dynein heavy chain 17, axonemal	63	515.3	32	Q9UFH2
Kinesin-like protein KIF28P	63	109.1	12	B7ZC32
Uncharacterized protein C10orf111	62	17.9	5	Q8N326
Neurofilament medium polypeptide	62	102.5	14	Q8NA69
Carbonyl reductase [NADPH] 3	62	31.2	8	O75828
Centromere/kinetochore protein zw10 homolog	62	89.6	19	O43264
Kinesin-like protein KIF28P	61	109.1	13	B7ZC32
Bloom syndrome protein	61	160.6	14	P54132
Speedy protein A	61	37.1	7	Q5MJ70
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10	61	41.1	10	O95299
Alkaline phosphatase, tissue-nonspecific isozyme	61	57.6	8	P05186
Putative uncharacterized protein C19orf81	61	22.7	5	C9J6K1
Rho GTPase-activating protein 24	61	84.8	14	Q8N264
Allograft inflammatory factor 1	60	16.7	6	P55008
Chondroitin sulfate N-acetylgalactosaminyltransferase 1	60	61.8	9	Q8TDX6
Hsp90 co-chaperone Cdc37-like 1	60	39.3	9	Q7L3B6
Uncharacterized protein C2orf61 homolog	60	27.7	5	Q9DAG5
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 10, mitochondrial	60	41.1	10	O95299
A-kinase anchor protein 4	60	95.8	13	Q5JQC9
Tetratricopeptide repeat protein 34	60	61.8	9	A8MYJ7
Calpain-7	60	93.3	16	Q9Y6W3
Lipocalin-1	60	19.4	8	P31025
Putative uncharacterized protein SSBP3-AS1	59	11	4	Q7Z2R9
Cytoplasmic dynein 1 light intermediate chain 1	59	56.8	8	Q9Y6G9
Blood vessel epicardial substance	59	41.9	7	Q8NE79

Protein Name	Score	Mass	Matches	Access no.
Myc proto-oncogene protein	59	49.3	10	P01106
Endothelin-converting enzyme 1	59	87.9	8	P42892
Leucine-rich repeat-containing protein 16A	59	152.7	17	Q5VZK9
Alkyldihydroxyacetonephosphate synthase, peroxisomal	59	73.7	10	O00116
Trafficking protein particle complex subunit 1	59	16.9	8	Q9Y5R8
Chromobox protein homolog 2	58	56.4	8	Q14781
Kinesin-like protein KIF28P	58	109.1	12	B7ZC32
Ribosomal protein S6 kinase alpha-3	58	84	10	P51812
Methyltransferase-like protein 2B	58	44.1	9	Q6P1Q9
Aldo-keto reductase family 1 member B10	58	36.2	8	O60218
Chondroitin sulfate N-acetylgalactosaminyltransferase	58	61.8	9	Q8TDX6
Kinesin-like protein KIF28P	58	109.1	10	B7ZC32
Fibroblast growth factor 9	57	23.5	4	P31371
Rap guanine nucleotide exchange factor 2	57	168.2	17	Q9Y4G8
Cell differentiation protein RCD1 homolog	57	34	9	Q92600
Tetratricopeptide repeat protein 34	57	61.8	11	A8MYJ7
Sulfhydryl oxidase 2	57	78.2	11	Q6ZRP7
,	57	61.8	10	A8MYJ7
Multimerin	57	139.2	13	Q13201
cGMP-dependent protein kinase 2	57	88.1	10	Q13237
Zinc finger and SCAN domain-containing protein 31	57	48.2	5	Q96LW9
Bloom syndrome protein	56	160.6	15	P54132
Intraflagellar transport protein 140 homolog	56	166.9	16	Q96RY7
Uncharacterized protein C19orf45	56	58	7	Q8NA69
Sterile alpha motif domain-containing protein	56	19.4	6	Q5TGI4
Desmin	56	53.6	7	P17661
Glycine amidinotransferase, mitochondrial	56	48.9	9	P50440
Round spermatid basic protein 1	56	90.9	10	Q5VWQ0
Zona pellucida sperm-binding protein 2	56	83.5	9	Q05996
F-box/WD repeat-containing protein 1A	56	70.2	10	Q9Y297

Protein Name	Score	Mass	Matches	Access no.
Peroxiredoxin-1	56	22.3	8	Q06830
LINE-1 retrotransposable element ORF2 protein	56	150	10	O00370
WD repeat-containing and planar cell polarity effector protein fritz homolog	56	86.2	11	O95876
Desmin	55	53.6	9	P17661
Zinc finger and SCAN domain-containing protein 5A	55	56.9	9	Q9BUG6
C-type lectin domain family 2 member L	55	24.4	5	P0C7M8
Pyruvate kinase PKM	55	58.5	5	P14618
Nucleoside diphosphate-linked moiety X motif 6	55	36	9	P53370
Elongation factor Ts, mitochondrial	55	35.7	6	P43897
Rab GTPase-binding effector protein 2	54	64	9	Q9H5N1
ZN624_HUMAN	54	102.5	15	Q9P2J8
Lipocalin-1	54	19.4	6	P31025
Armadillo repeat-containing protein 4	53	117.1	12	Q5T2S8
Aldo-keto reductase family 1 member B10	53	36.2	7	O60218
Neurofilament medium polypeptide	53	58	9	Q8NA69
5'-AMP-activated protein kinase subunit gamma-2	53	63.2	8	Q9UGJ0
Zinc finger MYND domain-containing protein 15	53	82.7	12	Q9H091
5'-AMP-activated protein kinase subunit gamma-2	53	63.2	8	Q9UGJ0
Desmin	53	53.6	12	P17661
Vitamin D-binding protein	53	54.5	8	P02774
Tetratricopeptide repeat protein	52	61.8	9	A8MYJ7
Uncharacterized protein C19orf45	52	58	6	Q8NA69
Bloom syndrome protein	52	160.6	13	P54132
Zinc finger protein 780A	52	76.6	10	O75290
Histatin-3	52	6.1	5	P15516
Tyrosine-protein kinase Fer	51	95.2	13	P16591
Tetratricopeptide repeat protein	51	61.8	7	A8MYJ7
Integrator complex subunit 6	51	101	8	Q9UL03
Protein S100-A7A	51	11.4	5	Q86SG5
WD repeat-containing and planar cell polarity effector protein fritz homolog	50	86.2	8	O95876

Protein Name	Score	Mass	Matches	Access no.
39S ribosomal protein L49, mitochondrial	50	19.2	5	Q13405
B-cell antigen receptor complex-associated protein beta chain	50	26.3	5	P40259
Translation machinery-associated protein 16	50	24.1	6	Q96EY4
Dual specificity protein kinase CLK3	50	47.3	8	P49761
Probable protein phosphatase 1N	50	46.9	7	Q8N819
Ly6/PLAUR domain-containing protein 4	49	27.5	6	Q6UWN0
Nucleoporin Nup43	49	42.6	5	Q8NFB3
Ubiquinone biosynthesis O-methyltransferase, mitochondrial	48	41.5	4	Q9NZJ6
Ciliogenesis-associated TTC17-interacting protein	48	44.3	5	Q7Z7H3
Integrator complex subunit 6	48	101	8	Q9UL03
Thrombopoietin	47	38	6	P40225
Rab GDP dissociation inhibitor beta	46	51.1	7	P50395
WW domain-binding protein 5	46	12.8	6	Q9UHQ7
Multimerin-1	45	139.2	7	Q13201
Ubiquinone biosynthesis O-methyltransferase, mitochondrial	45	41.5	3	Q9NZJ6
Ubiquitin/ISG15-conjugating enzyme E2 L6	45	17.9	4	O14933
Myosin light chain 6B	45	22.9	5	O14933
Ganglioside-induced differentiation-associated protein 2	45	56.6	7	Q9NXN4
Putative uncharacterized protein encoded by COL5A1-AS1	44	6.6	4	Q5SY13
DNA oxidative demethylase ALKBH1	44	44.2	4	Q13686
Rab GDP dissociation inhibitor beta	43	51.1	8	P50395
DNA repair protein XRCC3	41	38.3		O43542
Ubiquinone biosynthesis O-methyltransferase	40	41.5	4	Q9NZJ6
Glutamate receptor 2	40	99.4	7	P42262
Cystatin-S	38	16.5	5	P01036
5'-AMP-activated protein kinase subunit gamma-2		63.2	7	Q9UGJ0