

Tear film proteome in age-related macular degeneration.

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Supplementary table 2 - Wet AMD patients identified proteins

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Serum albumin	271	71.3	17	P02768
Serotransferrin	221	79.3	30	P02787
Lactotransferrin	129	80.0	21	P02788
Keratin, type I cytoskeletal 13	123	49.9	20	P13646
Cystatin - SN	102	16.6	8	P01037
Lipocalin-1	94	19.4	7	P31025
Keratin, type I cytoskeletal 19	92	44.1	13	P08727
Keratin, type II cytoskeletal 1	90	66.2	19	P04264
Cyclin-dependent kinase 4 inhibitor D	85	17,7	12	P55273
Cystatin-S	73	16,5	6	P01036
Keratin type I cytoskeletal 10	70	59	13	P13645
Nucleolar pre-ribosomal-associated protein 1	70	256.5	24	O60287
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	70	11	10	O43678
28S ribosomal protein S22, mitochondrial	69	41.4	6	P82650
Telomerase reverse transcriptase	67	128.6	11	O14746
Caspase recruitment domain-containing protein 14	67	114.9	11	Q9BXL6

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Pleckstrin homology domain-containing family A member 2	67	47.9	8	Q9HB19
Nutritionally-regulated adipose and cardiac enriched protein homolog	67	18,4	7	Q8N912
Suppressor of tumorigenicity 20 protein	66	9.2	7	P40763
Keratin, type I cytoskeletal 10	66	59.0	17	P13645
Testis-specific basic protein Y 2	66	12,3	9	O14599
BTB/POZ domain-containing protein KCTD1	64	29.7	6	Q719H9
Protein FAM183A	64	16	7	A6NL82
Calmodulin-regulated spectrin-associated protein 2	64	169,2	23	Q08AD1
HLA class I histocompatibility antigen, Cw-15 alpha chain	64	41,3	9	Q07000
Calponin-3	63	36.6	10	Q15417
Graves disease carrier protein	63	36.5	5	P16260
Collagen alpha-1(IX) chain	63	92.4	6	P20849
Transcriptional regulator ATRX	63	284,9	54	P46100
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4	63	20,3	12	Q9P032
Inactive ubiquitin carboxyl-terminal hydrolase 54	63	189,6	20	Q6IE24
Putative dehydrogenase/reductase SDR family member 4-like 1	62	30.8	6	P0CG22
Retinal dehydrogenase 1	62	55.5	13	P00352
Rod cGMP-specific 3',5'-cyclic phosphodiesterase subunit beta	62	99.5	14	P35913
Phosphoinositide-interacting protein	62	15.5	6	P0C851
Lebercilin	61	80.7	18	Q86VQ0
Keratin type II cytoskeletal 1	61	66.2	13	P04264

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Poly(rC)-binding protein 3	61	39.7	4	P57721
Prolactin-inducible protein	61	16,8	8	P12273
Uncharacterized protein ADAMTSL4-AS1	61	4,3	4	Q5T5F5
Probable ATP-dependent RNA helicase DDX47	61	50,9	12	Q9H0S4
Keratin, type II cytoskeletal 2 epidermal	60	65.7	15	P35908
TBC1 domain family member 9B	60	141.6	14	Q66K14
SRC kinase signaling inhibitor 1	60	112,7	14	Q9C0H9
Myosin-13	60	224,6	35	Q9UKX3
RING-box protein 2	60	13,4	9	Q9UBF6
Testis-expressed sequence 33 protein	60	30,8	14	O43247
Vacuolar fusion protein MON1 homolog B	59	59.6	8	Q7L1V2
Insulin-like growth factor-binding protein 3	59	32.7	8	P17936
Beta-defensin 107	59	8.1	3	Q8IZN7
Pseudokinase FAM20A	59	62.1	9	Q96MK3
Putative fatty acid-binding protein 5-like protein 3	59	11,5	10	A8MUU1
IgA-inducing protein homolog	59	6,2	6	A6NJ69
Zinc finger protein 585B	59	90,6	15	Q52M93
Protein deglycase DJ-1	58	20.0	6	Q99497
Keratin type II cytoskeletal 2 epidermal	58	65.7	12	P35908
MAP/microtubule affinity-regulating kinase 4	58	83.3	17	Q96L34
Bcl-2-like protein 10	58	22.2	6	Q9HD36
Annexin A3	58	36,5	11	P12429
Oculomedin	58	5,3	6	Q9Y5M6
Insulin gene enhancer protein ISL-2	58	40,7	7	Q96A47
Beta-defensin 125	58	17,9	8	Q8N687
Dystonin	58	865,3	47	Q03001

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Protein FAM179A	57	112.0	10	Q6ZUX3
Keratin, type I cytoskeletal 9	57	62.3	18	P35527
LIM domain-containing protein ajuba	57	58.7	9	Q96IF1
Synapsin-3	57	63.5	10	O14994
Kunitz-type protease inhibitor 2	57	29	7	O43291
Zinc finger protein 473	56	103.0	10	Q8WTR7
Integrator complex subunit 6	56	101.0	10	Q9UL03
Heat shock factor-binding protein 1	56	8.5	5	O75506
Putative uncharacterized protein C6orf50	56	12.6	5	Q9HD87
Peroxiredoxin-6	56	25.1	8	P30041
Biogenesis of lysosome-related organelles complex 1 subunit 2	56	16	7	Q6QNY1
Molybdopterin synthase catalytic subunit	56	21,2	8	O96007
Serine/threonine-protein phosphatase 4 regulatory subunit 4	56	100,5	22	Q6NUP7
Protein asunder homolog	55	81.1	11	Q9NVM9
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	55	42.7	19	Q16795
Rho GTPase-activating protein 1	55	11	50,5	P20936
Immediate early response 3-interacting protein 1	55	9	6	Q9Y5U9
Pumilio homolog 3	55	73,9	24	Q15397
Parvalbumin alpha	54	12.1	8	P20472
Heterogeneous nuclear ribonucleoprotein M	54	77,7	21	P52272
Histatin-3	54	6,1	5	P15516
Spectrin beta chain, non-erythrocytic 4	54	290	19	Q9H254

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Zinc finger and SCAN domain-containing protein 5A	54	56,9	13	Q9BUG6
Histone H1.4	54	21,9	8	P10412
Gamma-glutamylcyclotransferase	54	21,2	4	O75223
POTE ankyrin domain family member J	54	118,7	16	P0CG39
Hedgehog-interacting protein	53	80,7	13	Q96QV1
Coiled-coil domain-containing protein 25	53	24,6	10	Q86WR0
Interferon-induced protein with tetratricopeptide repeats 2	53	55,3	10	P09913
Fidgetin-like protein 1	53	74,8	22	Q6PIW4
Zinc finger protein 394	53	65,5	15	Q53GI3
Histone H2A type 2-B	53	14	5	Q8IUE6
Tudor domain-containing protein 3	53	73,4	16	Q9H7E2
Collagen alpha-1(XI) chain	53	100,1	13	Q96P44
Ras-related protein Rab-4B	53	23,9	7	P61018
Bcl-2-related ovarian killer protein	53	23,6	9	Q9UMX3
Aurora kinase C	52	35,9	7	Q9UQB9
Alpha-N-acetylgalactosaminide alpha-2,6-sialyltransferase 6	52	38,5	9	Q969X2
Putative UPF0607 protein ENSP00000383144	52	37,9	10	A8MX80
Synaptotagmin-like protein 3	52	69,7	13	Q4VX76
Kinase suppressor of Ras 2	52	108,9	17	Q6VAB6
Shootin-1	51	72,2	10	A0MZ66
Protein CYR61	51	44,2	10	O00622
Ropporin-1A	51	24,2	7	Q9HAT0
Zinc finger protein 73	51	39,6	7	O43830
Transmembrane protein 263	51	11,7	6	Q8WUH6
A-kinase anchor protein C18orf42	51	7,8	5	P0CW23

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Serpin B3	51	44,6	10	P29508
Gap junction beta-7 protein	51	26,5	7	Q6PEY0
Protein WFDC11	51	10,8	6	Q8NEX6
Elongator complex protein 6	51	30,1	8	Q0PNE2
Chondroitin sulfate N-acetylgalactosaminyltransferase 1	51	61,2	16	Q8TDX6
Methylmalonic aciduria type A protein, mitochondrial	51	46,9	12	Q8IVH4
Uncharacterized protein C6orf118	51	54,3	14	Q5T5N4
GTP-binding protein Di-Ras2	51	22,8	8	Q96HU8
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12	50	17,1	5	Q9UI09
Cyclin-G1	50	34,7	15	P51959
Protein UXT	50	18,3	7	Q9UBK9
Dynamin-3	50	98,1	16	Q9UQ16
Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A	50	61,4	11	P54750
Phosphoserine phosphatase	50	25,2	7	P78330
Collagen alpha-1(XIX) chain	50	115,9	16	Q14993
Phosphorylase b kinase regulatory subunit beta	49	125,9	15	Q93100
CGG triplet repeat-binding protein 1	49	19,1	7	Q9UFW8
HAUS augmin-like complex subunit 5	49	72,3	11	O94927
Zinc finger protein ZFP69B	48	62,8	8	Q9UJL9
Uncharacterized protein C2orf66	47	13,4	4	Q6UXQ4
Melanoma inhibitory activity protein 3	47	214,3	14	Q5JRA6
Apolipoprotein L6	47	38,4	7	Q9BWW8
Actin, cytoplasmic 1	46	42,1	6	P60709
Axonemal dynein light chain domain-containing protein 1	45	118,6	8	Q5T1B0

Nazwa białka	Score	Masa cząsteczkowa	Liczba dopasowań	Access no.
Inositol monophosphatase 1	45	30.6	4	P29218
Fibroblast growth factor 8	44	26.7	5	P11362
Interleukin-36 beta	44	18,9	7	Q9NZH7
TATA element modulatory factor	41	123.3	9	P82094
Sjoegren syndrome/ scleroderma autoantigen 1	41	21.9	4	O60232
Protein S100-A7A	37	11,4	3	Q86SG5
Rab GDP dissociation inhibitor beta		51.1	7	Q9H0U4