

SUPPLEMENTARY MATERIAL

	N bands	UniProt Entry	NAME	Score	num peptides	MW (kDa)	Coverage	Intensity	peptide sequences
APRICOT	AA1	A0A6J5Y717	Cupin type-1 domain-	220,06	10	61,921	61,921	21,5	3876500000 ADIFSPR;ALPDEVLANAYQJISK;ENIGNPER;ISTLNSHNLPLR;LKENIGNPER;NGIYSPHWVNVNAHSVYVYR;NGLHLP
		A0A6J5Y8L2	Cupin type-1 domain-	320,84	11	58,16	58,16	31,4	2699600000 ADYFNPQAGR;ALPDEVLQNAFR;DPOFQWAGVAAVR;EGQMFLVPOHNAVIAVQASNEGFYISFK;EPDNHIOSEAGV
	AA2	A0A6J5XIH0	11-beta-hydroxysteroid	137,66	18	39,305	39,305	59,50	45598000 AALLSMYETLR;AIMDTNFWGVSYYTTR;FAIPHLR;FLMSDDGK;GYIESELTQGK;IEFGPNQITIVTR;ILDYTGAK;IVDETI
		A0A6J5U0Z4	Calnexin homolog	94,678	13	61,494	61,494	32,00	38006000 ANFLSADDFMPPLIPTK;DDYQGVVWTHSK;DGTVVLQFETR;ELEKPVSLK;ETTWWPK;IFDNESPSYIMFGPDK;IIDLIEK;
		A0A6J5VYW5	Calnexin homolog	24,577	6	61,988	61,988	13,00	12512000 IADIPFLDAYPK;IIDLIEK;IIDLIEK;KPEDWDER;LSHYVTALIKPNNEVR;SGEYVEHLLKDPSPVPSDK
		A0A6J5TVS9	11-beta-hydroxysteroid	31,396	5	40,337	40,337	14,60	6408300 AALVNFYETLR;EVHVTGGPVDFFAR;FVNETINFYGR;PLFEGSPPR;VLNWTFR
		A0A6J5XA83	11-beta-hydroxysteroid	36,919	6	38,072	38,072	21,90	4665400 AMSIGSPDVLVIPADVSK;DVEYSIMPILPVK;EGQLVLDQELR;ENLLQSVASR;FVDVAVNHFR;VFFPELLEWSNR
	AA3	A0A6J5WQJ7	Fungal lipase-like domain-	99,212	14	62,002	62,002	29,90	63081000 DANLILSFR;EGWFSILLR;GENLAETSLK;GLTMGYTYGPEYR;GTETFTSIGHFDGR;HFGVDHGDGDDIDGDEFR;IVPP
		A0A6J5UWV7	11-beta-hydroxysteroid	58,827	9	39,299	39,299	36,50	15645000 AALLSMYETLR;GYIESELTQGK;ILDYTGAK;IVDETIHFR;IVLSSAASWLPPIR;LDHLVNNAGITSLGMLEEAATDITNF
		A0A6J5TVS9	11-beta-hydroxysteroid	26,147	4	40,337	40,337	12,60	5399000 AALVNFYETLR;EVHVTGGPVDFFAR;FVNETINFYGR;PLFEGSPPR
AA4	A0A6J5XIH0	11-beta-hydroxysteroid	11,727	13	39,305	39,305	39,90	18011000 AALLSMYETLR;FAIPHLR;GYIESELTQGK;IEFGPNQITIVTR;ILDYTGAK;IVDETIHFR;IVLSSAASWLPPIR;LVLVG	
		11-beta-hydroxysteroid						AALVNFYETLR;EVHVTGGPVDFFAR;FMVEEGAEMQWK;FMVEEGAEMQWKEER;FVNETINFYGR;GDAYVK;HVM	
AA5	A0A6J5TVS9	dehydrogenase	323,31	27	40,337	40,337	64,90	2280300000 IVAADVVK;HVMIVAADVVKEEECR;HVMIVAADVVKEEECRR;IIVNASVESWLPPIR;KLPSTFAPOSPQQLK;LEVDFE	
		11-beta-hydroxysteroid	212,76	19	39,305	39,305	56,70	393920000 AALLSMYETLR;AIMDTNFWGVSYYTTR;FAIPHLR;FLMSDDGK;GYIESELTQGK;ILDYTGAK;IVDETIHFR;IVLSSA	
		11-beta-hydroxysteroid	12,127	19	39,299	39,299	18,20	390710000 AALLSMYETLR;AIMDTNFWGVSYYTTR;FAIPHLR;FLMSDDGK;GYIESELTQGK;ILDYTGAK;IVDETIHFR;IVLSSA	
		11-beta-hydroxysteroid	45,418	7	38,072	38,072	25,70	18928000 DVEYSIMPILPVK;ENLLQSVASR;FVDVAVNHFR;IVGIASSAGWLR;SAVISFYETLR;SVFSDEAVGK;VVLITGASSGIG	
		11-beta-hydroxysteroid						AALLSMYETLR;AIMDTNFWGVSYYTTR;AIVNSVCR;ASDCGSPDVLMAR;FAIPHLR;FLMSDDGK;GYIESELTQGK;IEF	
AA6	A0A6J5XIH0	dehydrogenase	323,31	23	39,305	39,305	69,10	1230500000 GPNIQITIVTR;ILDYTGAK;IVDETIHFR;IVLSSAASWLPPIR;LDHLVNNAGITSLGMLEEAATDITNFR;LMYVTR;LMY	
		11-beta-hydroxysteroid						AALLSMYETLR;AIMDTNFWGVSYYTTR;AIVNSVCR;ASDCGSPDVLMAR;FAIPHLR;FLMSDDGK;GYIESELTQGK;IEF	
		dehydrogenase	14,377	23	39,299	39,299	69,10	1213800000 GPNIQITIVTR;ILDYTGAK;IVDETIHFR;IVLSSAASWLPPIR;LDHLVNNAGITSLGMLEEAATDITNFR;LMYVTR;LMY	
		11-beta-hydroxysteroid						AALVNFYETLR;EVHVTGGPVDFFAR;FMVEEGAEMQWK;FMVEEGAEMQWKEER;FVNETINFYGR;GDAYVK;HVM	
		dehydrogenase	323,31	22	40,337	40,337	53,70	628000000 IVAADVVK;IIVNASVESWLPPIR;KLPSTFAPOSPQQLK;LEVDFEIGITATHGWIGSELTR;LILPTHGGR;LISENAR;LIV	
AA6	A0A6J5XA83	11-beta-hydroxysteroid						AMSIGSPDVLVIPADVSK;DVEYSIMPILPVK;ECLYVESVR;EGQLVLDQELR;ENLLQSVASR;EVGITVTPGLVESEMTK;	
		dehydrogenase	274,03	20	38,072	38,072	68,50	574140000 FLLSAVR;FVDVAVNHFR;GACLALVDR;IAPAMDTNFWGVSYYTYFAIPHLK;IVGIASSAGWLR;LDHLVNNAGITPVC	
		dehydrogenase							
AA7	A0A6J5U274	Oleosin	323,31	7	18,845	18,845	37,90	9173800000 DAAPGA;EYGGYLHSHK;GMHPPGSDR;HQNQTTQQQQPQR;IYDTASHVK;PTNTNPNASTNASTFLR;VKDAAPGA	
		Oleosin	91,704	8	16,568	16,568	35,90	117660000 AAGLVPEQLDQMK;AAGLVPEQLDQMKR;ADRPQPHQLQVR;ADRPQPHQLQVRPQHLGAK;EGSQDIQSK;RAAG	
		Oleosin	58,218	5	22,789	22,789	30,70	75610000 AEOHPR;POEHQGYEQHQYGGQQQPR;AEQFGQQHVPSSGQQQSS;ARDIKDR;DIKDRAEQFGQHVPSGQQQSS;DRAEQF	
		ADP-ribosylation factor	19,86	3	20,679	20,679	21,50	4608300 DAVLLVFANK;HYFQNTQGLIFVSDSNDR;LMVGLDAAGK	
		Oleosin	184,73	13	16,568	16,568	37,20	4701300000 AAGLVPEQLDQMK;AAGLVPEQLDQMKR;ADRPQPHQLQVR;ADRPQPHQLQVRPQHLGAK;EGSQDIQSK;PQHG	
AA9	A0A6J5UGK6	Oleosin	323,31	14	16,568	16,568	41,00	4725600000 AAGLVPEQLDQMK;AAGLVPEQLDQMKR;ADRPQPHQLQVR;ADRPQPHQLQVRPQHLGAK;AQDEKR;EGSQDIQ	
		Oleosin	251,4	8	15,581	15,581	45,90	1385800000 ADQHFQPLHFQGSYGQQQPR;AEQFGQQHVPSSGQQQSS;ARDIKDR;DIKDRAEQFGQHVPSGQQQSS;DRAEQF	
AA10	A0A6J5UGK6	Oleosin	71,039	3	16,568	16,568	16,00	43104000 AAGLVPEQLDQMK;AAGLVPEQLDQMKR;TADMVFEVGGK	
		Oleosin	219,91	3	15,581	15,581	33,80	42094000 ADQHFQPLHFQGSYGQQQPR;AEQFGQQHVPSSGQQQSS;OPPGADQLDQAR	
ALMOND	A11	Q43804	Oleosin	36,474	3	15,612	15,612	33,80	12055000 ADQHFQPLHFQGSYGQQQPR;AEQFGQQHVPSSGQQQSS;OPPGADQLDQAR
			Oleosin	147,01	3	16,614	16,614	16,00	21217000 ATGLVPEQLDQMK;ATGLVPEQLDQMKR;TADMVFEVGGK
			Oleosin	89,418	4	35,927	35,927	12,90	4528000 ISVVNR;LSATSPPR;NLQGOQDNR;VQVNNENGDPILNDEV
A13	Q43608	Oleosin	208,07	4	15,612	15,612	37,80	421880000 ADQHFQPLHFQGSYGQQQPR;AEQFGQQHVPSSGQQQSS;OPPGADQLDQAR;SYQVAK	
		Oleosin	217,82	7	16,614	16,614	35,30	65789000 ADRPQPHQLQVR;ADRPQPHQLQVRPQHLGAK;ATGLVPEQLDQMK;ATGLVPEQLDQMKR;EGSQDIQSK;RTAD	
HAZELNUT	H14	C0HM28	Oleosin Cor a 15	89,974	6	15,7	15,7	14,73	16003000 ADYQHQHQHQR;AQDTAGHLGQK;ETGQTVTQK;PADAFK;TLEGGR;TLEGGRGEEK
			Oleosin Cor a 15	173,86	12	17,695	17,695	49,70	341520000 ADYQHQHQHQR;ADYQHQHQHQRPADAFK;AQDTAGHLGQK;ETGQTVTQK;GMFPEK;GQAQVQVGSASK;GQEA
	H15	Q84T91	Oleosin Cor a 13	74,174	3	14,732	14,732	26,40	17676000 AEOFGQQHVTGSQGS;HPPGADQLDQAR;QLQDPAHOPR
			Oleosin Cor a 12	26,809	4	16,698	16,698	26,40	8757500 ADRPQQLQVHPQR;GGGPSAVK;GHGHEGGIK;MQDMAAFVGGK
	H16	Q84T91	Oleosin Cor a 13	202,08	6	14,732	14,732	32,10	116520000 AEOFGQQHVTGSQGS;DRAEQFGQQHVTGSQGS;HPPGADQLDQAR;QLQDPAHOPR;SHQVVK
			Oleosin Cor a 12	109,6	6	16,698	16,698	32,70	216420000 ADRPQQLQVHPQR;EVGQEIQSR;GGGPSAVK;GHGHEGGIK;MQDMAAFVGGK;RMQDMAAFVGGK

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WALNUT	W17	G8H6H9	oleosin	154,99	7	14,691	35,30	350870000 AEHQQQSQR;AEHQQQSQRPDLQPR;AEQFGQQHVSGAQG;DRAEQFGQQHVSGAQG;PDLQPR;OPPGAQEQDQ
		A0A2I4GES3	oleosin 5-like	41,352	3	16,278	22,10	186120000 MQDMAAYVGQK;SLQEMDQAK;TDRPHQLLVHPQR
		G8H6H8	oleosin	17,234	3	14,838	23,60	106580000 AEHQQQSQHPAQQPR;OPPGTEQIDQAR;SHQVVK
PEANUT	P18	Q647G5	Oleosin Ara h 10	108,47	4	17,752	27,80	93383000 EVGQEIQTK;FGDTAAGTNR;QTHGSVPEQLEMAK;TOPHTVQVHTTAGR
		A0A6P4C115	Oleosin	30,347	4	16,936	14,50	37248000 AKDYAGAGR;AQEGTQGY;DYAGAGR;HPAGSDR
		A0A444Y2D4	Oleosin	23,951	4	18,382	25,10	3075300 APHQVQVHTPTTQR;DAGQEIQTK;GYDVSGGGVK;MADMADYVGQK

Accepted Article