

**Table S1. Proteins identified from PgEVs by LC-MS/MS**

Accession_PUNGR	Peptides (95%)	Uniprot description	NCBI blast description
A0A2I0J3D2	36	Plasma membrane ATPase	
A0A2I0J5V6	15	Uncharacterized protein	NAB domain-containing protein
A0A218WZE7	14	Phospholipase D	
A0A218XXE1	13	Uncharacterized protein	Heat Shock cognate 70 kDa protein 2 (putative)
A0A218WC38	11	Plasma membrane ATPase	
A0A2I0KE01		Plasma membrane ATPase	
A0A2I0HJT1		Uncharacterized protein	Monocopper oxidase-like protein SKU5
A0A218X9C1	10	14-3-3 domain-containing protein	
A0A2I0L1X1		Uncharacterized protein	Heat Shock protein 70 family (putative)
A0A218XSW9	9	Bet_v_1 domain-containing protein	
A0A2I0L8L2		Glyceraldehyde-3-phosphate dehydrogenase	
A0A2I0HLQ1	8	Fructose-bisphosphate aldolase	
A0A218WS48		NmrA domain-containing protein	
A0A218WTZ5		PHB domain-containing protein	
A0A218WV62		Uncharacterized protein	Actin 7 isoform 1
A0A2I0LBX0		Uncharacterized protein	Late embryogenesis abundant protein LEA14-A
A0A2I0JPV2		Uncharacterized protein	Patellin-1
A0A2I0JGV8		Uncharacterized protein	Dehydrin COR47
A0A2I0K2C8	7	Annexin	

**Table S1. Cont**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0JQB8	7	Enolase_C domain-containing protein	
A0A218XM98		HATPase_c domain-containing protein	
A0A2I0I9F5		TPR_REGION domain-containing protein	
A0A218VTX0		Uncharacterized protein	Glutathione S-transferase
A0A2I0H1D6	6	Bet_v_1 domain-containing protein	
A0A2I0KBE7		Malate dehydrogenase	
A0A2I0L9U8		t-SNARE coiled-coil homology domain-containing protein	
A0A218VXL1		Uncharacterized protein	Fasciclin-like arabinogalactan protein 8
A0A2I0K2K1		Uncharacterized protein	Nucleoredoxin 1 (probable)
A0A2I0JV44		Uncharacterized protein	PKS_ER domain-containing protein
A0A2I0JJ12		Uncharacterized protein	Sodium/calcium exchanger NCL
A0A2I0KLLK6		5	BRO1 domain-containing protein
A0A218WED1	MFS domain-containing protein		
A0A2I0LER3	Peptidyl-prolyl cis-trans isomerase		
A0A2I0KK04	PfkB domain-containing protein		
A0A2I0IHT0	Tr-type G domain-containing protein		
A0A218X1W8	Uncharacterized protein		Methionine synthase II, Cobalamin-independent, (probable)
A0A2I0LBW5	Uncharacterized protein		Phosphoglucomutase, cytoplasmic

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0KRU1	5	Uncharacterized protein	Ras-related protein Rab7
A0A2I0KH4		Uncharacterized protein	CSC1-like protein ERD4
A0A2I0K6D9		Uncharacterized protein	EF-hand domain-containing protein
A0A2I0JKR6		Uncharacterized protein	Calcium-dependent protein kinase 33
A0A2I0JDV3		Uncharacterized protein	UTP-glucose-1-phosphate uridyl transferase
A0A2I0ISS2		Uncharacterized protein	Vesicle-associated membrane protein 711
A0A2I0I8E7		Uncharacterized protein	Calmodulin
A0A2I8XHL8	4	Adenosyl homocysteinase	
A0A2I8XPJ6		Bet_v_1 domain-containing protein	
A0A2I0KTL7		FAD-binding PCMH-type domain-containing	
A0A2I8VV18		FAS1 domain-containing protein	
A0A2I0IPN9		Glutamate decarboxylase	
A0A2I0L0D7		Glutathione peroxidase	
A0A2I0L2P0		Guanosine nucleotide diphosphate dissociation inhibitor	
A0A2I0HHP3		Peroxidase_4 domain-containing protein	
A0A2I0KAI7		Phosphoglycerate kinase	
A0A2I8WW85		Serine hydroxymethyltransferase	
A0A2I0JD79		t-SNARE coiled-coil homology domain-containing protein	

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A218VVR2	4	Tetraspanin (Tobamovirus multiplication protein 2A-like)	
A0A218VWB8		Uncharacterized protein	CSC1-like protein HYP1
A0A218XS57		Uncharacterized protein	Triose phosphate isomerase
A0A2I0LEM9		Uncharacterized protein	Ras-related protein RABB1b isoform X1
A0A2I0L7K4		Uncharacterized protein	ADP-ribosylation factor (ARF)
A0A2I0L1W9		Uncharacterized protein	Ras-related protein Rab-8A
A0A2I0KSK1		Uncharacterized protein	Ras-related protein Rab-2A-like
A0A2I0KPL9		Uncharacterized protein	Vacuolar protein sorting-associated protein 32-like protein 2
A0A2I0KBE9		Uncharacterized protein	E3 ubiquitin-protein ligase XBAT35 isoform X3 (putative)
A0A2I0K404		Uncharacterized protein	Patellin-3
A0A2I0IF97		Uncharacterized protein	Vacuolar protein sorting 34
A0A2I0IE28		Uncharacterized protein	Alcohol dehydrogenase
A0A2I0HMU9		Uncharacterized protein	Sucrose synthase
A0A2I0HI15		Uncharacterized protein	Tr-type G domain-containing protein
A0A2I0INS2	3	ACB domain-containing protein	
A0A218WJZ8		Bet_v_1 domain-containing protein	
A0A2I0HR90		Cation_ATPase_N domain-containing protein	

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0HK32	3	DUF1421 domain-containing protein	
A0A2I0HV67		FAS1 domain-containing protein	
A0A2I0I4K5		Lipoaln_cytosolic_FA-bd_dom domain containing protein	
A0A2I8XKL0		Lipoxygenase	
A0A2I8VXA5		Nucleoside diphosphate kinase	
A0A2I0LFC8		Peptidase_M17_N domain-containing protein	
A0A2I0K239		Peroxidase_4 domain-containing protein	
A0A2I0KMG5		SHSP domain-containing protein	
A0A2I0JZL7		SHSP domain-containing protein	
A0A2I8WC47		Uncharacterized protein	Glutathione S-transferase DHAR2
A0A2I0KS56		Uncharacterized protein	ADP-ribosylation factor-like protein 8a
A0A2I0KLR7		Uncharacterized protein	Ubiquitin
A0A2I0KDA0		Uncharacterized protein	Small GTP-binding domain containing protein
A0A2I0K9D4		Uncharacterized protein	Transitional endoplasmic reticulum ATPase (putative)
A0A2I0K3T5		Uncharacterized protein	Ras-related protein Rab7
A0A2I0IIZ6		Uncharacterized protein	Eukaryotic initiation factor 4A-3
A0A2I0I6Y3		Uncharacterized protein	Ras-related protein RABD2c
A0A2I8XNQ6		USP domain-containing protein	
A0A2I0IHE0	3	USP domain-containing protein	

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0LDB4	3	Vacuolar proton pump subunit B	
A0A2I0JMZ1		VPS37 C-terminal domain-containing protein	
A0A218VVSQ8	2	AAI domain-containing protein	
A0A2I0IE30		AAI domain-containing protein	
A0A2I0L2R4		ADH_N_2 domain-containing protein	
A0A2I0JMQ6		Aldo_keto_reductase domain-containing protein	
A0A2I0KNG9		ALIX_LYPXL_bnd domain-containing protein	
A0A218X5B3		C2 domain-containing protein	
A0A2I0IHM1		Cupin_5 domain-containing protein	
A0A218VSK8		Cysteine synthase	
A0A218X0I8		DLH domain-containing protein	
A0A218WHD8		Epimerase domain-containing protein	
A0A2I0ILB4		Epimerase domain-containing protein	
A0A218XV30		Flavodoxin-like domain-containing protein	
A0A2I0INR0		FYVE-type domain-containing protein	
A0A218XID6		Glutamine synthetase	
A0A2I0KEN9		GTP-binding nuclear protein	
A0A2I0I7B6		Helicase C-terminal domain-containing protein	
A0A2I0IUM5		Knot1 domain-containing protein	

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0I7B2	2	Phosphoinositide phospholipase C	
A0A2I8Y1J8		Profilin	
A0A2I0HMR3		Pyr_redox_2 domain-containing protein	
A0A2I0KTM0		Pyrophosphate-fructose 6-phosphate 1-phosphotransferase subunit alpha	
A0A2I8VW44		Remorin_C domain-containing protein	
A0A2I0KH93		Superoxide dismutase [Cu-Zn]	
A0A2I8X926		Thioredoxin domain-containing protein	
A0A2I8WZ58		Thioredoxin	
A0A2I0L2R1		Uncharacterized protein	PKS_ER domain-containing protein
A0A2I0KI27		Uncharacterized protein	Aquaporin PIP2-2
A0A2I0K238		Uncharacterized protein	Aquaporin PIP2-7
A0A2I0JPH7		Uncharacterized protein	EF1_GNE domain-containing protein
A0A2I0JL20		Uncharacterized protein	Ras-related protein RIC2
A0A2I0IZ88		Uncharacterized protein	Pyr_redox_2 domain-containing protein (probable Monodehydroascorbate reductase 2)
A0A2I0IHB3		Uncharacterized protein	Chaperone protein dnaJ-like protein
A0A2I0IEC7		Uncharacterized protein	Tetraspanin-8
A0A2I0HIH2		Uncharacterized protein	Epimerase domain-containing protein
A0A2I8W2F8		USP domain-containing protein	

**Table S1. Cont.**

<b>Accession_PUNGR</b>	<b>Peptides (95%)</b>	<b>Uniprot description</b>	<b>NCBI blast description</b>
A0A2I0II07	2	Vacuolar protein sorting-associated protein 28 homolog	
A0A2I0J081		V-SNARE domain-containing protein	
A0A2I0JAS2		X8 domain-containing protein	