

Protein Sorting to the Storage Vacuoles of Plants: A Crit

Traffic

6, 615-625

DOI: [10.1111/j.1600-0854.2005.00303.x](https://doi.org/10.1111/j.1600-0854.2005.00303.x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of mRNA and protein sorting in seed storage protein synthesis, transport, and deposition. <i>Biochemistry and Cell Biology</i> , 2005, 83, 728-737.	0.9	48
2	Autophagy and Non-Classical Vacuolar Targeting in Tobacco BY-2 Cells. , 2006, , 167-180.		7
3	Plant Prevacuolar/Endosomal Compartments. <i>International Review of Cytology</i> , 2006, 253, 95-129.	6.2	31
4	The Proteolytic Processing of Seed Storage Proteins in Arabidopsis Embryo Cells Starts in the Multivesicular Bodies. <i>Plant Cell</i> , 2006, 18, 2567-2581.	3.1	188
5	Localization of Green Fluorescent Protein Fusions with the Seven Arabidopsis Vacuolar Sorting Receptors to Prevacuolar Compartments in Tobacco BY-2 Cells. <i>Plant Physiology</i> , 2006, 142, 945-962.	2.3	125
6	Identification of eukaryotic secreted and cell surface proteins using the yeast secretion trap screen. <i>Nature Protocols</i> , 2006, 1, 2439-2447.	5.5	30
7	Complementation and Expression Analysis of SoRab1A and SoRab2A in Sugarcane Demonstrates Their Functional Diversification. <i>Journal of Integrative Plant Biology</i> , 2006, 48, 1450-1457.	4.1	5
9	PnCcp, a Phytophthora nicotianaeprotein containing a single complement control protein module, is sorted into large peripheral vesicles in zoospores. <i>Australasian Plant Pathology</i> , 2006, 35, 593.	0.5	10
10	Traffic between the plant endoplasmic reticulum and Golgi apparatus: to the Golgi and beyond. <i>Current Opinion in Plant Biology</i> , 2006, 9, 601-609.	3.5	74
11	AtVPS29, a Putative Component of a Retromer Complex, is Required for the Efficient Sorting of Seed Storage Proteins. <i>Plant and Cell Physiology</i> , 2006, 47, 1187-1194.	1.5	135
12	Multiple Vacuolar Sorting Determinants Exist in Soybean 11S Globulin. <i>Plant Cell</i> , 2006, 18, 1253-1273.	3.1	38
13	A Conserved Region in the EBL Proteins Is Implicated in Microneme Targeting of the Malaria Parasite <i>Plasmodium falciparum</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 31995-32003.	1.6	58
14	Targeting of the Plant Vacuolar Sorting Receptor BP80 Is Dependent on Multiple Sorting Signals in the Cytosolic Tail. <i>Plant Cell</i> , 2006, 18, 1477-1497.	3.1	86
15	Plant Retromer, Localized to the Prevacuolar Compartment and Microvesicles in Arabidopsis, May Interact with Vacuolar Sorting Receptors. <i>Plant Cell</i> , 2006, 18, 1239-1252.	3.1	143
16	The Intracellular Fate of a Recombinant Protein Is Tissue Dependent. <i>Plant Physiology</i> , 2006, 141, 578-586.	2.3	77
17	The Type IV Secretion System of <i>Sinorhizobium meliloti</i> Strain 1021 Is Required for Conjugation but Not for Intracellular Symbiosis. <i>Journal of Bacteriology</i> , 2007, 189, 2133-2138.	1.0	23
18	Protein storage vacuole acidification as a control of storage protein mobilization in soybeans. <i>Journal of Experimental Botany</i> , 2007, 58, 1059-1070.	2.4	40
19	The Arabidopsis AAA ATPase SKD1 Is Involved in Multivesicular Endosome Function and Interacts with Its Positive Regulator LYST-INTERACTING PROTEIN5. <i>Plant Cell</i> , 2007, 19, 1295-1312.	3.1	195

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20	Proteins in food microstructure formation. , 2007, , 40-66.		1
21	Coated vesicles in plant cells. <i>Seminars in Cell and Developmental Biology</i> , 2007, 18, 471-478.	2.3	32
22	Golgi-mediated vacuolar sorting in plant cells: RMR proteins are sorting receptors for the protein aggregation/membrane internalization pathway. <i>Plant Science</i> , 2007, 172, 728-745.	1.7	50
23	A bioinformatic approach to the identification of a conserved domain in a sugarcane legumain that directs GFP to the lytic vacuole. <i>Functional Plant Biology</i> , 2007, 34, 633.	1.1	29
24	Function and Evolution of the Vacuolar Compartment in Green Algae and Land Plants (Viridiplantae). <i>International Review of Cytology</i> , 2007, 264, 1-24.	6.2	49
25	A patatin-like protein protects <i>Toxoplasma gondii</i> from degradation in activated macrophages. <i>Molecular Microbiology</i> , 2007, 63, 482-496.	1.2	46
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27	Localization of Vacuolar Transport Receptors and Cargo Proteins in the Golgi Apparatus of Developing <i>Arabidopsis</i> Embryos. <i>Traffic</i> , 2007, 8, 1452-1464.	1.3	73
28	Protein dynamics and proteolysis in plant vacuoles. <i>Journal of Experimental Botany</i> , 2007, 58, 2391-2407.	2.4	130
29	Functional specialization of <i>Medicago truncatula</i> leaves and seeds does not affect the subcellular localization of a recombinant protein. <i>Planta</i> , 2008, 227, 649-658.	1.6	20
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35	Peripheral membrane proteins mediate binding of vacuolar storage proteins to membranes of the secretory pathway of developing pea cotyledons. <i>Journal of Experimental Botany</i> , 2008, 59, 1327-1340.	2.4	6
36	Sorting and Anterograde Trafficking at the Golgi Apparatus: Figure 1.. <i>Plant Physiology</i> , 2008, 148, 673-683.	2.3	36
37	Gene Families Encoding 11S Globulin and 2S Albumin Isoforms of Jelly Fig (<i>Ficus awkeotsang</i>) Achenes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2008, 72, 506-513.	0.6	10

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38	Production and Localization of Recombinant Pharmaceuticals in Transgenic Seeds. <i>Methods in Molecular Biology</i> , 2009, 483, 69-87.	0.4	14
39	Plant vacuoles: where did they come from and where are they heading?. <i>Current Opinion in Plant Biology</i> , 2009, 12, 677-684.	3.5	61
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41	Expression and subcellular targeting of human insulin-like growth factor binding protein-3 in transgenic tobacco plants. <i>Transgenic Research</i> , 2009, 18, 943-951.	1.3	17
42	Organelle Identification and Characterization in Plant Cells: Using a Combinational Approach of Confocal Immunofluorescence and Electron Microscope. <i>Journal of Plant Biology</i> , 2009, 52, 1-9.	0.9	15
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51	The Synthesis of Ricinus communis Lectins. <i>Plant Cell Monographs</i> , 2010, , 191-205.	0.4	1
52	Toxic Plant Proteins. <i>Plant Cell Monographs</i> , 2010, , .	0.4	12
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67	Rapid and massive green fluorescent protein production leads to formation of protein Y-bodies in plant cells. <i>Biochemistry (Moscow)</i> , 2012, 77, 603-608.	0.7	13
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75	OsVPS9A Functions Cooperatively with OsRAB5A to Regulate Post-Golgi Dense Vesicle-Mediated Storage Protein Trafficking to the Protein Storage Vacuole in Rice Endosperm Cells. <i>Molecular Plant</i> , 2013, 6, 1918-1932.	3.9	48
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84	Involvement of autophagy in the direct ER to vacuole protein trafficking route in plants. <i>Frontiers in Plant Science</i> , 2014, 5, 134.	1.7	32
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