

Retromer has a selective function in cargo sorting via endosomes

Journal of Cell Biology

218, 615-631

DOI: [10.1083/jcb.201806153](https://doi.org/10.1083/jcb.201806153)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The Physiological Functions of the Golgin Vesicle Tethering Proteins. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 94.	1.8	42
2	TFEB controls retromer expression in response to nutrient availability. <i>Journal of Cell Biology</i> , 2019, 218, 3954-3966.	2.3	22
3	Retromer and TBC1D5 maintain late endosomal RAB7 domains to enable amino acid-induced mTORC1 signaling. <i>Journal of Cell Biology</i> , 2019, 218, 3019-3038.	2.3	46
4	Molecular identification of a BAR domain-containing coat complex for endosomal recycling of transmembrane proteins. <i>Nature Cell Biology</i> , 2019, 21, 1219-1233.	4.6	81
5	DNAJC13 p.Asn855Ser, implicated in familial parkinsonism, alters membrane dynamics of sorting nexin 1. <i>Neuroscience Letters</i> , 2019, 706, 114-122.	1.0	8
6	Towards a molecular understanding of endosomal trafficking by Retromer and Retriever. <i>Traffic</i> , 2019, 20, 465-478.	1.3	134
7	VPS29, a tweak tool of endosomal recycling. <i>Current Opinion in Cell Biology</i> , 2019, 59, 81-87.	2.6	19
8	All the Same? The Secret Life of Prion Strains within Their Target Cells. <i>Viruses</i> , 2019, 11, 334.	1.5	10
9	A role of GCC88 in the retrograde transport of Cl ⁻ M6PR and the maintenance of lysosomal activity. <i>Cell Biology International</i> , 2019, 43, 1234-1244.	1.4	1
10	Coupling of terminal differentiation deficit with neurodegenerative pathology in Vps35-deficient pyramidal neurons. <i>Cell Death and Differentiation</i> , 2020, 27, 2099-2116.	5.0	32
11	Snx3 is important for mammalian neural tube closure via its role in canonical and non-canonical WNT signaling. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	10
12	Retromer retrieves the Wilson Disease protein ATP7B from endolysosomes in a copper-dependent mode. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	10
13	Spatial proteomics defines the content of trafficking vesicles captured by golgin tethers. <i>Nature Communications</i> , 2020, 11, 5987.	5.8	45
14	Mutant p53 induces Golgi tubulo-vesiculation driving a prometastatic secretome. <i>Nature Communications</i> , 2020, 11, 3945.	5.8	52
15	TBC1D5-Catalyzed Cycling of Rab7 Is Required for Retromer-Mediated Human Papillomavirus Trafficking during Virus Entry. <i>Cell Reports</i> , 2020, 31, 107750.	2.9	28
16	Acute inactivation of retromer and ESCPE-1 leads to time-resolved defects in endosomal cargo sorting. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	22
17	Retromer regulates the lysosomal clearance of MAPT/tau. <i>Autophagy</i> , 2021, 17, 2217-2237.	4.3	23
18	The Emerging Role of the Lysosome in Parkinson's Disease. <i>Cells</i> , 2020, 9, 2399.	1.8	63

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19	Sorting Nexin 27 Regulates the Lysosomal Degradation of Aquaporin-2 Protein in the Kidney Collecting Duct. <i>Cells</i> , 2020, 9, 1208.	1.8	17
20	On the discovery of an endomembrane compartment in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10623-10624.	3.3	3
21	Mechanism of cargo recognition by retromer-linked SNX-BAR proteins. <i>PLoS Biology</i> , 2020, 18, e3000631.	2.6	51
22	Recognising the signals for endosomal trafficking. <i>Current Opinion in Cell Biology</i> , 2020, 65, 17-27.	2.6	49
23	Cell-penetrating peptide inhibits retromer-mediated human papillomavirus trafficking during virus entry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 6121-6128.	3.3	30
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25	DNA and RNA sequencing identified a novel oncogene VPS35 in liver hepatocellular carcinoma. <i>Oncogene</i> , 2020, 39, 3229-3244.	2.6	27
26	MTV proteins unveil ER- and microtubule-associated compartments in the plant vacuolar trafficking pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9884-9895.	3.3	23
27	Membrane targeting of core autophagy players during autophagosome biogenesis. <i>FEBS Journal</i> , 2020, 287, 4806-4821.	2.2	12
28	Endosome-to-TGN Trafficking: Organelle-Vesicle and Organelle-Organelle Interactions. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 163.	1.8	48
29	Involvement of CASP9 (caspase 9) in IGF2R/CI-MPR endosomal transport. <i>Autophagy</i> , 2021, 17, 1393-1409.	4.3	11
30	An update on cellular and molecular determinants of Parkinson's disease with emphasis on the role of the retromer complex. <i>Journal of Neuroscience Research</i> , 2021, 99, 163-179.	1.3	6
31	Depletion of VPS35 attenuates metastasis of hepatocellular carcinoma by restraining the Wnt/PCP signaling pathway. <i>Genes and Diseases</i> , 2021, 8, 232-240.	1.5	8
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36	Endosome Dysregulation in Down Syndrome: A Potential Contributor to Alzheimer Disease Pathology. <i>Annals of Neurology</i> , 2021, 90, 4-14.	2.8	11

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40	Opposing functions for retromer and Rab11 in extracellular vesicle traffic at presynaptic terminals. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	25
41	Sorting nexin 3 induces heart failure via promoting retromer-dependent nuclear trafficking of STAT3. <i>Cell Death and Differentiation</i> , 2021, 28, 2871-2887.	5.0	14
42	A novel autophagy-related genes prognostic risk model and validation of autophagy-related oncogene VPS35 in breast cancer. <i>Cancer Cell International</i> , 2021, 21, 265.	1.8	6
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53	The retromer is co-opted to deliver lipid enzymes for the biogenesis of lipid-enriched tombusviral replication organelles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	18
54	SNX27's retromer assembly recycles MT1-MMP to invadopodia and promotes breast cancer metastasis. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	38
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65	Epidermal Stratification Requires Retromer-Mediated Desmoglein-1 Recycling. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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78	Interorganellar Communication: Interplay and Processes â€­ Endosome to Lysosome Transport. , 2022, , .		0
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