

# CITATION REPORT

List of articles citing

The Vps4p AAA ATPase regulates membrane association of a Vps protein complex required for normal endosome function

DOI: 10.1093/emboj/17.11.2982  
EMBO Journal, 1998, 17, 2982-93.

**Source:** <https://exaly.com/paper-pdf/28875630/citation-report.pdf>

**Version:** 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
653	Protein traffic in the yeast endocytic and vacuolar protein sorting pathways. <b>1998</b> , 10, 513-22		154
652	Fab1p PtdIns(3)P 5-kinase function essential for protein sorting in the multivesicular body. <b>1998</b> , 95, 847-58		569
651	Acidic di-leucine motif essential for AP-3-dependent sorting and restriction of the functional specificity of the Vam3p vacuolar t-SNARE. <i>Journal of Cell Biology</i> , <b>1998</b> , 142, 913-22	7.3	125
650	Vam7p, a SNAP-25-like molecule, and Vam3p, a syntaxin homolog, function together in yeast vacuolar protein trafficking. <b>1998</b> , 18, 5308-19		177
649	Pex17p is required for import of both peroxisome membrane and luminal proteins and interacts with Pex19p and the peroxisome targeting signal-receptor docking complex in <i>Pichia pastoris</i> . <b>1999</b> , 10, 4005-19		56
648	The Doa4 deubiquitinating enzyme is required for ubiquitin homeostasis in yeast. <b>1999</b> , 10, 2583-94		246
647	Pex19p interacts with Pex3p and Pex10p and is essential for peroxisome biogenesis in <i>Pichia pastoris</i> . <b>1999</b> , 10, 1745-61		96
646	Pex22p of <i>Pichia pastoris</i> , essential for peroxisomal matrix protein import, anchors the ubiquitin-conjugating enzyme, Pex4p, on the peroxisomal membrane. <i>Journal of Cell Biology</i> , <b>1999</b> , 146, 99-112	7.3	102
645	Biochemical analysis of the <i>Saccharomyces cerevisiae</i> SEC18 gene product: implications for the molecular mechanism of membrane fusion. <b>1999</b> , 38, 7764-72		23
644	Dissecting the role of a conserved motif (the second region of homology) in the AAA family of ATPases. Site-directed mutagenesis of the ATP-dependent protease FtsH. <b>1999</b> , 274, 26225-32		165
643	Chaperone-like activity of the AAA domain of the yeast Yme1 AAA protease. <b>1999</b> , 398, 348-51		184
642	Microtubule severing. <b>1999</b> , 43, 1-9		21
641	Microtubule disassembly by ATP-dependent oligomerization of the AAA enzyme katanin. <b>1999</b> , 286, 782-5		189
640	The 26S proteasome: a molecular machine designed for controlled proteolysis. <b>1999</b> , 68, 1015-68		1583
639	Mass-murdering: deletion of twenty-three ORFs from <i>Saccharomyces cerevisiae</i> chromosome XI reveals five genes essential for growth and three genes conferring detectable mutant phenotype. <b>1999</b> , 229, 37-45		4
638	Cloning, characterisation, and functional expression of the <i>Mus musculus</i> SKD1 gene in yeast demonstrates that the mouse SKD1 and the yeast VPS4 genes are orthologues and involved in intracellular protein trafficking. <b>1999</b> , 234, 149-59		26
637	The proteasome: a macromolecular assembly designed for controlled proteolysis. <b>1999</b> , 354, 1501-11		83

636	ClpA and ClpP remain associated during multiple rounds of ATP-dependent protein degradation by ClpAP protease. <b>1999</b> , 38, 14906-15		56
635	Yeast mutants affecting possible quality control of plasma membrane proteins. <b>1999</b> , 19, 3588-99		108
634	The yeast endocytic membrane transport system. <b>2000</b> , 51, 547-62		29
633	Membrane dynamics in endocytosis: structure--function relationship. <i>Traffic</i> , <b>2000</b> , 1, 84-8	5-7	25
632	Mammalian tumor susceptibility gene 101 (TSG101) and the yeast homologue, Vps23p, both function in late endosomal trafficking. <i>Traffic</i> , <b>2000</b> , 1, 248-58	5-7	334
631	Capturing a ring of samurai. <b>2000</b> , 2, E4-7		14
630	The Doa4 deubiquitinating enzyme is functionally linked to the vacuolar protein-sorting and endocytic pathways. <b>2000</b> , 11, 3365-80		264
629	The mouse SKD1, a homologue of yeast Vps4p, is required for normal endosomal trafficking and morphology in mammalian cells. <b>2000</b> , 11, 747-63		177
628	ATPase-defective mammalian VPS4 localizes to aberrant endosomes and impairs cholesterol trafficking. <b>2000</b> , 11, 227-39		216
627	AAA proteins. Lords of the ring. <i>Journal of Cell Biology</i> , <b>2000</b> , 150, F13-9	7-3	430
626	Alternative protein sorting pathways. <b>2000</b> , 198, 153-201		13
625	Apg9p/Cvt7p is an integral membrane protein required for transport vesicle formation in the Cvt and autophagy pathways. <i>Journal of Cell Biology</i> , <b>2000</b> , 148, 465-80	7-3	313
624	The sodium/proton exchanger Nhx1p is required for endosomal protein trafficking in the yeast <i>Saccharomyces cerevisiae</i> . <b>2000</b> , 11, 4277-94		161
623	Characterization of a conserved alpha-helical, coiled-coil motif at the C-terminal domain of the ATP-dependent FtsH (HflB) protease of <i>Escherichia coli</i> . <b>2000</b> , 299, 953-64		28
622	Sorting in the endosomal system in yeast and animal cells. <b>2000</b> , 12, 457-66		175
621	Overview of subcellular fractionation procedures for the yeast <i>Saccharomyces cerevisiae</i> . <b>2001</b> , Chapter 3, Unit 3.7		13
620	Autophagy, cytoplasm-to-vacuole targeting pathway, and pexophagy in yeast and mammalian cells. <b>2000</b> , 69, 303-42		314
619	Mammalian cells express two VPS4 proteins both of which are involved in intracellular protein trafficking. <b>2001</b> , 312, 469-80		80

618	Ubiquitin-dependent sorting into the multivesicular body pathway requires the function of a conserved endosomal protein sorting complex, ESCRT-I. <b>2001</b> , 106, 145-55		1072
617	Tsg101 and the vacuolar protein sorting pathway are essential for HIV-1 budding. <b>2001</b> , 107, 55-65		1144
616	Evolution of proteasomal ATPases. <b>2001</b> , 18, 962-74		26
615	AAA+ superfamily ATPases: common structure--diverse function. <b>2001</b> , 6, 575-97		769
614	Probing the mechanism of ATP hydrolysis and substrate translocation in the AAA protease FtsH by modelling and mutagenesis. <b>2001</b> , 39, 890-903		50
613	Late endosomes: sorting and partitioning in multivesicular bodies. <i>Traffic</i> , <b>2001</b> , 2, 612-21	5.7	164
612	The molecular machinery for lysosome biogenesis. <b>2001</b> , 23, 333-43		174
611	Hda, a novel DnaA-related protein, regulates the replication cycle in Escherichia coli. <i>EMBO Journal</i> , <b>2001</b> , 20, 4253-62	13	207
610	Model for the motor component of dynein heavy chain based on homology to the AAA family of oligomeric ATPases. <b>2001</b> , 9, 93-103		88
609	A family of small coiled-coil-forming proteins functioning at the late endosome in yeast. <b>2001</b> , 12, 711-23		63
608	TSG101/mammalian VPS23 and mammalian VPS28 interact directly and are recruited to VPS4-induced endosomes. <b>2001</b> , 276, 11735-42		158
607	Localization of the Rsp5p ubiquitin-protein ligase at multiple sites within the endocytic pathway. <b>2001</b> , 21, 3564-75		80
606	Yeast PalA/AIP1/Alix homolog Rim20p associates with a PEST-like region and is required for its proteolytic cleavage. <b>2001</b> , 183, 6917-23		104
605	Identification and characterization of RPK118, a novel sphingosine kinase-1-binding protein. <b>2002</b> , 277, 33319-24		75
604	PIKfyve Kinase and SKD1 AAA ATPase define distinct endocytic compartments. Only PIKfyve expression inhibits the cell-vacuolating activity of Helicobacter pylori VacA toxin. <b>2002</b> , 277, 46785-90		28
603	Viral late domains. <i>Journal of Virology</i> , <b>2002</b> , 76, 4679-87	6.6	372
602	Regulation of Fab1 phosphatidylinositol 3-phosphate 5-kinase pathway by Vac7 protein and Fig4, a polyphosphoinositide phosphatase family member. <b>2002</b> , 13, 1238-51		132
601	Retromer function in endosome-to-Golgi retrograde transport is regulated by the yeast Vps34 PtdIns 3-kinase. <b>2002</b> , 115, 3889-900		181

600	Mammalian class E vps proteins recognize ubiquitin and act in the removal of endosomal protein-ubiquitin conjugates. <i>Journal of Cell Biology</i> , <b>2002</b> , 157, 91-101	7-3	236
599	Alix (ALG-2-interacting protein X), a protein involved in apoptosis, binds to endophilins and induces cytoplasmic vacuolization. <b>2002</b> , 277, 29108-15		139
598	A role for the lysosomal membrane protein LGP85 in the biogenesis and maintenance of endosomal and lysosomal morphology. <b>2002</b> , 115, 4117-31		121
597	Vps4-A (vacuolar protein sorting 4-A) is a binding partner for a novel Rho family GTPase, Rnd2. <b>2002</b> , 365, 349-53		30
596	Phospholipid species act as modulators in p97/p47-mediated fusion of Golgi membranes. <b>2002</b> , 41, 9813-23		23
595	Regulation of gene expression by ambient pH in filamentous fungi and yeasts. <b>2002</b> , 66, 426-46, table of contents		219
594	Is the transportation highway the right road for hereditary spastic paraplegia?. <b>2002</b> , 71, 1009-16		112
593	Endosome-associated complex, ESCRT-II, recruits transport machinery for protein sorting at the multivesicular body. <b>2002</b> , 3, 283-9		514
592	Escrt-III: an endosome-associated heterooligomeric protein complex required for mvb sorting. <b>2002</b> , 3, 271-82		680
591	Hrs and endocytic sorting of ubiquitinated membrane proteins. <b>2002</b> , 27, 403-8		92
590	Membrane protein degradation by AAA proteases in mitochondria. <b>2002</b> , 1592, 89-96		117
589	Mechanisms of enveloped RNA virus budding. <b>2002</b> , 12, 569-79		229
588	Ordering of compartments in the yeast endocytic pathway. <i>Traffic</i> , <b>2002</b> , 3, 37-49	5-7	54
587	Mutants defective in secretory/vacuolar pathways in the EUROFAN collection of yeast disruptants. <b>2002</b> , 19, 351-71		34
586	Receptor downregulation and multivesicular-body sorting. <b>2002</b> , 3, 893-905		1002
585	Disruption of cellular transport: a common cause of neurodegeneration?. <b>2003</b> , 2, 311-6		27
584	Bending out and breaking away: host-cell accomplices in retroviral escape. <b>2003</b> , 3, 3		2
583	Mos10 (Vps60) is required for normal filament maturation in <i>Saccharomyces cerevisiae</i> . <b>2003</b> , 49, 1267-85		10

582	Dynamics of endosomal sorting. <b>2003</b> , 232, 1-57		37
581	Structure and ubiquitin interactions of the conserved zinc finger domain of Npl4. <b>2003</b> , 278, 20225-34		115
580	Effects of deficiencies of STAMs and Hrs, mammalian class E Vps proteins, on receptor downregulation. <b>2003</b> , 309, 848-56		67
579	AIP1/ALIX is a binding partner for HIV-1 p6 and EIAV p9 functioning in virus budding. <b>2003</b> , 114, 689-99		679
578	Comparative sequence and expression analyses of four mammalian VPS4 genes. <b>2003</b> , 305, 47-59		23
577	The E3 ubiquitin ligase AIP4 mediates ubiquitination and sorting of the G protein-coupled receptor CXCR4. <b>2003</b> , 5, 709-22		321
576	Vps20p and Vta1p interact with Vps4p and function in multivesicular body sorting and endosomal transport in <i>Saccharomyces cerevisiae</i> . <b>2003</b> , 116, 3957-70		85
575	Divergent retroviral late-budding domains recruit vacuolar protein sorting factors by using alternative adaptor proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 12414-9	11.5	333
574	Vps27 recruits ESCRT machinery to endosomes during MVB sorting. <i>Journal of Cell Biology</i> , <b>2003</b> , 162, 413-23	7.3	355
573	Defects in human immunodeficiency virus budding and endosomal sorting induced by TSG101 overexpression. <i>Journal of Virology</i> , <b>2003</b> , 77, 6507-19	6.6	91
572	p97, a protein coping with multiple identities. <b>2003</b> , 116, 4283-90		139
571	Equine infectious anemia virus utilizes host vesicular protein sorting machinery during particle release. <i>Journal of Virology</i> , <b>2003</b> , 77, 8440-7	6.6	47
570	Role of ESCRT-I in retroviral budding. <i>Journal of Virology</i> , <b>2003</b> , 77, 4794-804	6.6	219
569	STAM and Hrs are subunits of a multivalent ubiquitin-binding complex on early endosomes. <b>2003</b> , 278, 12513-21		239
568	The ALG-2-interacting protein Alix associates with CHMP4b, a human homologue of yeast Snf7 that is involved in multivesicular body sorting. <b>2003</b> , 278, 39104-13		172
567	Overlapping motifs (PTAP and PPEY) within the Ebola virus VP40 protein function independently as late budding domains: involvement of host proteins TSG101 and VPS-4. <i>Journal of Virology</i> , <b>2003</b> , 77, 1812-9	6.6	229
566	Permease recycling and ubiquitination status reveal a particular role for Bro1 in the multivesicular body pathway. <b>2003</b> , 278, 50732-43		84
565	Characterization of a trap mutant of the AAA+ chaperone ClpB. <b>2003</b> , 278, 32608-17		122

564	Identification of mammalian Vps24p as an effector of phosphatidylinositol 3,5-bisphosphate-dependent endosome compartmentalization. <b>2003</b> , 278, 38786-95		124
563	A dominant negative form of the AAA ATPase SKD1/VPS4 impairs membrane trafficking out of endosomal/lysosomal compartments: class E vps phenotype in mammalian cells. <b>2003</b> , 116, 401-14		110
562	Bro1 is an endosome-associated protein that functions in the MVB pathway in <i>Saccharomyces cerevisiae</i> . <b>2003</b> , 116, 1893-903		174
561	The roles of ubiquitin and lipids in protein sorting along the endocytic pathway. <b>2003</b> , 28, 443-53		27
560	Mislocalization to the nuclear envelope: an effect of the dystonia-causing torsinA mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 847-52	11.5	221
559	Molecular dissection of the roles of nucleotide binding and hydrolysis in dynein $\beta$ AAA domains in <i>Saccharomyces cerevisiae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 1491-5	11.5	80
558	Snf7p, a component of the ESCRT-III protein complex, is an upstream member of the RIM101 pathway in <i>Candida albicans</i> . <b>2004</b> , 3, 1609-18		58
557	Budding of PPxY-containing rhabdoviruses is not dependent on host proteins TGS101 and VPS4A. <i>Journal of Virology</i> , <b>2004</b> , 78, 2657-65	6.6	88
556	Mammalian class E Vps proteins, SBP1 and mVps2/CHMP2A, interact with and regulate the function of an AAA-ATPase SKD1/Vps4B. <b>2004</b> , 117, 2997-3009		40
555	Characterization of Vta1p, a class E Vps protein in <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 279, 10982-90		65
554	Yeast Mn <sup>2+</sup> transporter, Smf1p, is regulated by ubiquitin-dependent vacuolar protein sorting. <b>2004</b> , 167, 107-17		31
553	ATPase-deficient hVPS4 impairs formation of internal endosomal vesicles and stabilizes bilayered clathrin coats on endosomal vacuoles. <b>2004</b> , 117, 1699-708		56
552	The <i>Plasmodium falciparum</i> Vps4 homolog mediates multivesicular body formation. <b>2004</b> , 117, 3831-8		42
551	Bro1 coordinates deubiquitination in the multivesicular body pathway by recruiting Doa4 to endosomes. <i>Journal of Cell Biology</i> , <b>2004</b> , 166, 717-29	7.3	158
550	The C2 domain of the Rsp5 ubiquitin ligase binds membrane phosphoinositides and directs ubiquitination of endosomal cargo. <i>Journal of Cell Biology</i> , <b>2004</b> , 165, 135-44	7.3	123
549	TorsinA and torsion dystonia: Unraveling the architecture of the nuclear envelope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 8839-40	11.5	38
548	Early stages of the secretory pathway, but not endosomes, are required for Cvt vesicle and autophagosome assembly in <i>Saccharomyces cerevisiae</i> . <b>2004</b> , 15, 2189-204		123
547	TorsinA in the nuclear envelope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 7612-7	11.5	191

546	Functional domains of <i>Brevibacillus thermoruber</i> lon protease for oligomerization and DNA binding: role of N-terminal and sensor and substrate discrimination domains. <b>2004</b> , 279, 34903-12		60
545	The human endosomal sorting complex required for transport (ESCRT-I) and its role in HIV-1 budding. <b>2004</b> , 279, 36059-71		122
544	Role of mammalian vacuolar protein-sorting proteins in endocytic trafficking of a non-ubiquitinated G protein-coupled receptor to lysosomes. <b>2004</b> , 279, 22522-31		103
543	Recent advances in the characterization of ambient pH regulation of gene expression in filamentous fungi and yeasts. <b>2004</b> , 58, 425-51		158
542	Protein-protein interactions of ESCRT complexes in the yeast <i>Saccharomyces cerevisiae</i> . <i>Traffic</i> , <b>2004</b> , 5, 194-210	5-7	158
541	Exosome secretion: the art of reutilizing nonrecycled proteins?. <i>Traffic</i> , <b>2004</b> , 5, 896-903	5-7	109
540	Structure of the ESCRT-II endosomal trafficking complex. <b>2004</b> , 431, 221-5		135
539	Membrane specializations and endosome maturation in dendritic cells and B cells. <b>2004</b> , 14, 175-83		37
538	Mechanism and function of deubiquitinating enzymes. <b>2004</b> , 1695, 189-207		678
537	Tissue-specific expression and functional complementation of a yeast potassium-uptake mutant by a salt-induced ice plant gene <i>mcSKD1</i> . <b>2004</b> , 54, 881-93		21
536	Identification and proteomic profiling of exosomes in human urine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 13368-73	11-5	1570
535	Retrovirus budding. <b>2004</b> , 20, 395-425		532
534	The N-terminal coiled coil of the <i>Rhodococcus erythropolis</i> ARC AAA ATPase is neither necessary for oligomerization nor nucleotide hydrolysis. <b>2004</b> , 146, 155-65		19
533	ATP-dependent transcriptional activation by bacterial PspF AAA+protein. <b>2004</b> , 338, 863-75		61
532	Filovirus budding. <b>2004</b> , 106, 181-8		63
531	Structure and function of human Vps20 and Snf7 proteins. <b>2004</b> , 377, 693-700		57
530	The penta-EF-hand protein ALG-2 interacts directly with the ESCRT-I component TSG101, and Ca <sup>2+</sup> -dependently co-localizes to aberrant endosomes with dominant-negative AAA ATPase SKD1/Vps4B. <b>2005</b> , 391, 677-85		61
529	Overexpression of <i>csc1-1</i> . A plausible strategy to obtain wine yeast strains undergoing accelerated autolysis. <b>2005</b> , 246, 1-9		21



528	ATP hydrolysis cycle-dependent tail motions in cytoplasmic dynein. <b>2005</b> , 12, 513-9		137
527	Mutations in the endosomal ESCRTIII-complex subunit CHMP2B in frontotemporal dementia. <b>2005</b> , 37, 806-8		648
526	AAA+ proteins: have engine, will work. <b>2005</b> , 6, 519-29		883
525	AAA ATPases regulate membrane association of yeast oxysterol binding proteins and sterol metabolism. <i>EMBO Journal</i> , <b>2005</b> , 24, 2989-99	13	54
524	Structural and mechanistic studies of VPS4 proteins. <i>EMBO Journal</i> , <b>2005</b> , 24, 3658-69	13	193
523	A proteinB final ESCRT. <i>Traffic</i> , <b>2005</b> , 6, 2-9	5.7	321
522	Insights into unique physiological features of neutral lipids in Apicomplexa: from storage to potential mediation in parasite metabolic activities. <b>2005</b> , 35, 597-615		57
521	Protein transport from the late Golgi to the vacuole in the yeast <i>Saccharomyces cerevisiae</i> . <b>2005</b> , 1744, 438-54		223
520	Deletions of endocytic components VPS28 and VPS32 affect growth at alkaline pH and virulence through both RIM101-dependent and RIM101-independent pathways in <i>Candida albicans</i> . <b>2005</b> , 73, 7977-87		65
519	Identification of human VPS37C, a component of endosomal sorting complex required for transport-I important for viral budding. <b>2005</b> , 280, 628-36		65
518	Components of the ESCRT pathway, DFG16, and YGR122w are required for Rim101 to act as a corepressor with Nrg1 at the negative regulatory element of the DIT1 gene of <i>Saccharomyces cerevisiae</i> . <b>2005</b> , 25, 6772-88		67
517	ESCRT-I components of the endocytic machinery are required for Rim101-dependent ambient pH regulation in the yeast <i>Yarrowia lipolytica</i> . <b>2005</b> , 151, 3627-3637		37
516	The hereditary spastic paraplegia protein spastin interacts with the ESCRT-III complex-associated endosomal protein CHMP1B. <b>2005</b> , 14, 19-38		179
515	HECT ubiquitin ligases link viral and cellular PPXY motifs to the vacuolar protein-sorting pathway. <i>Journal of Cell Biology</i> , <b>2005</b> , 168, 89-101	7.3	168
514	ATP binding regulates oligomerization and endosome association of RME-1 family proteins. <b>2005</b> , 280, 17213-20		64
513	Identification of domains in gag important for prototypic foamy virus egress. <i>Journal of Virology</i> , <b>2005</b> , 79, 6392-9	6.6	38
512	Atg17 regulates the magnitude of the autophagic response. <b>2005</b> , 16, 3438-53		188
511	Constitutive activation of the pH-responsive Rim101 pathway in yeast mutants defective in late steps of the MVB/ESCRT pathway. <b>2005</b> , 25, 9478-90		82

510	Interactions of TOM1L1 with the multivesicular body sorting machinery. <b>2005</b> , 280, 9258-64		63
509	Interaction of the mammalian endosomal sorting complex required for transport (ESCRT) III protein hSnf7-1 with itself, membranes, and the AAA+ ATPase SKD1. <b>2005</b> , 280, 12799-809		125
508	Structure and ESCRT-III protein interactions of the MIT domain of human VPS4A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 13813-8	11.5	144
507	Linking axonal degeneration to microtubule remodeling by Spastin-mediated microtubule severing. <i>Journal of Cell Biology</i> , <b>2005</b> , 168, 599-606	7.3	175
506	A systematic high-throughput screen of a yeast deletion collection for mutants defective in PHO5 regulation. <b>2005</b> , 169, 1859-71		54
505	Pathogen effector protein screening in yeast identifies Legionella factors that interfere with membrane trafficking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 4866-71	11.5	188
504	Polycistronic expression and purification of the ESCRT-II endosomal trafficking complex. <b>2005</b> , 403, 322-32		7
503	Structural characterization of the MIT domain from human Vps4b. <b>2005</b> , 334, 460-5		33
502	The Troyer syndrome (SPG20) protein spartin interacts with Eps15. <b>2005</b> , 334, 1042-8		32
501	Structural basis for endosomal targeting by the Bro1 domain. <b>2005</b> , 8, 937-47		155
500	1. Membrane origin for autophagy. <b>2006</b> , 74, 1-30		61
499	Enhanced alpha1 microglobulin secretion from Hepatitis E virus ORF3-expressing human hepatoma cells is mediated by the tumor susceptibility gene 101. <b>2006</b> , 281, 8135-42		46
498	Regulation of membrane traffic by phosphoinositide 3-kinases. <b>2006</b> , 119, 605-14		359
497	Gene silencing reveals a specific function of hVps34 phosphatidylinositol 3-kinase in late versus early endosomes. <b>2006</b> , 119, 1219-32		92
496	The ESCRT complexes: structure and mechanism of a membrane-trafficking network. <b>2006</b> , 35, 277-98		436
495	ESCRT-I core and ESCRT-II GLUE domain structures reveal role for GLUE in linking to ESCRT-I and membranes. <b>2006</b> , 125, 99-111		172
494	Structural basis for budding by the ESCRT-III factor CHMP3. <b>2006</b> , 10, 821-30		191
493	Characterization of AMA, a new AAA protein from Archaeoglobus and methanogenic archaea. <b>2006</b> , 156, 130-8		5

492	Exploring the ESCRTing machinery in eukaryotes. <b>2006</b> , 11, 115-23		147
491	The beta domain is required for Vps4p oligomerization into a functionally active ATPase. <b>2006</b> , 273, 2357-73	22	
490	The crystal structure of the C-terminal domain of Vps28 reveals a conserved surface required for Vps20 recruitment. <i>Traffic</i> , <b>2006</b> , 7, 1007-16	5-7	46
489	Ultrastructural analysis of ESCRT proteins suggests a role for endosome-associated tubular-vesicular membranes in ESCRT function. <i>Traffic</i> , <b>2006</b> , 7, 1551-66	5-7	57
488	Citron kinase, a RhoA effector, enhances HIV-1 virion production by modulating exocytosis. <i>Traffic</i> , <b>2006</b> , 7, 1643-53	5-7	44
487	Adaptor protein controlled oligomerization activates the AAA+ protein ClpC. <i>EMBO Journal</i> , <b>2006</b> , 25, 1481-91	13	106
486	The role of the VPS4A-exosome pathway in the intrinsic egress route of a DNA-binding anticancer drug. <b>2006</b> , 23, 1687-95		29
485	Filovirus assembly and budding. <b>2006</b> , 344, 64-70		101
484	Late budding domains and host proteins in enveloped virus release. <b>2006</b> , 344, 55-63		299
483	Potent inhibition of human Hepatitis B virus replication by a host factor Vps4. <b>2006</b> , 354, 1-6		42
482	The secreted Salmonella dublin phosphoinositide phosphatase, SopB, localizes to PtdIns(3)P-containing endosomes and perturbs normal endosome to lysosome trafficking. <b>2006</b> , 395, 239-47		43
481	CHMP7, a novel ESCRT-III-related protein, associates with CHMP4b and functions in the endosomal sorting pathway. <b>2006</b> , 400, 23-32		52
480	Interaction of AMSH with ESCRT-III and deubiquitination of endosomal cargo. <b>2006</b> , 281, 23083-91		105
479	The Arf-GTPase-activating protein Gcs1p is essential for sporulation and regulates the phospholipase D Spo14p. <b>2006</b> , 5, 112-24		16
478	Role of ubiquitylation in cellular membrane transport. <b>2006</b> , 86, 669-707		180
477	Human ESCRT-II complex and its role in human immunodeficiency virus type 1 release. <i>Journal of Virology</i> , <b>2006</b> , 80, 9465-80	6.6	143
476	Bcr interacts with components of the endosomal sorting complex required for transport-I and is required for epidermal growth factor receptor turnover. <b>2006</b> , 66, 6250-7		25
475	Cholesterol depletion facilitates ubiquitylation of NPC1 and its association with SKD1/Vps4. <b>2006</b> , 119, 2643-53		27

474	Amino acids regulate retrieval of the yeast general amino acid permease from the vacuolar targeting pathway. <b>2006</b> , 17, 3031-50		62
473	Recycling of ESCRTs by the AAA-ATPase Vps4 is regulated by a conserved VSL region in Vta1. <i>Journal of Cell Biology</i> , <b>2006</b> , 172, 705-17	7.3	130
472	Interaction of two hereditary spastic paraplegia gene products, spastin and atlastin, suggests a common pathway for axonal maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 10666-71	11.5	96
471	Endosome sorting and autophagy are essential for differentiation and virulence of <i>Leishmania major</i> . <b>2006</b> , 281, 11384-96		162
470	Control of Bro1-domain protein Rim20 localization by external pH, ESCRT machinery, and the <i>Saccharomyces cerevisiae</i> Rim101 pathway. <b>2006</b> , 17, 1344-53		72
469	A conserved late endosome-targeting signal required for Doa4 deubiquitylating enzyme function. <i>Journal of Cell Biology</i> , <b>2006</b> , 175, 825-35	7.3	37
468	New component of ESCRT-I regulates endosomal sorting complex assembly. <i>Journal of Cell Biology</i> , <b>2006</b> , 175, 815-23	7.3	45
467	Release of autoinhibition converts ESCRT-III components into potent inhibitors of HIV-1 budding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 19140-5	11.5	150
466	Functional characterization of ice plant SKD1, an AAA-type ATPase associated with the endoplasmic reticulum-Golgi network, and its role in adaptation to salt stress. <b>2006</b> , 141, 135-46		27
465	Degradation of endocytosed epidermal growth factor and virally ubiquitinated major histocompatibility complex class I is independent of mammalian ESCRTIII. <b>2006</b> , 281, 5094-105		145
464	Vta1p and Vps46p regulate the membrane association and ATPase activity of Vps4p at the yeast multivesicular body. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 6202-7	11.5	76
463	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , <b>2006</b> , 172, 1045-56	7.3	89
462	Did2 coordinates Vps4-mediated dissociation of ESCRT-III from endosomes. <i>Journal of Cell Biology</i> , <b>2006</b> , 175, 715-20	7.3	127
461	Herpes simplex virus type 1 cytoplasmic envelopment requires functional Vps4. <i>Journal of Virology</i> , <b>2007</b> , 81, 7380-7	6.6	119
460	Sensor I threonine of the AAA+ ATPase transcriptional activator PspF is involved in coupling nucleotide triphosphate hydrolysis to the restructuring of sigma 54-RNA polymerase. <b>2007</b> , 282, 9825-9833		16
459	Targeting of AMSH to endosomes is required for epidermal growth factor receptor degradation. <b>2007</b> , 282, 9805-9812		65
458	Potent rescue of human immunodeficiency virus type 1 late domain mutants by ALIX/AIP1 depends on its CHMP4 binding site. <i>Journal of Virology</i> , <b>2007</b> , 81, 6614-22	6.6	127
457	<i>Schizosaccharomyces pombe</i> Sst4p, a conserved Vps27/Hrs homolog, functions downstream of phosphatidylinositol 3-kinase Pik3p to mediate proper spore formation. <b>2007</b> , 6, 2343-53		6

456	The Arabidopsis AAA ATPase SKD1 is involved in multivesicular endosome function and interacts with its positive regulator LYST-INTERACTING PROTEIN5. <b>2007</b> , 19, 1295-312		171
455	Recognition of C-terminal amino acids in tubulin by pore loops in Spastin is important for microtubule severing. <i>Journal of Cell Biology</i> , <b>2007</b> , 176, 995-1005	7.3	121
454	Manipulation of rab GTPase function by intracellular bacterial pathogens. <b>2007</b> , 71, 636-52		165
453	The C-terminal portion of the Hrs protein interacts with Tsg101 and interferes with human immunodeficiency virus type 1 Gag particle production. <i>Journal of Virology</i> , <b>2007</b> , 81, 2909-22	6.6	29
452	Troyer syndrome protein spartin is mono-ubiquitinated and functions in EGF receptor trafficking. <b>2007</b> , 18, 1683-92		81
451	The coordination of cyclic microtubule association/dissociation and tail swing of cytoplasmic dynein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 16134-9	11.5	75
450	Phosphatidylethanolamine, a limiting factor of autophagy in yeast strains bearing a defect in the carboxypeptidase Y pathway of vacuolar targeting. <b>2007</b> , 282, 16736-43		24
449	ATP-induced structural transitions in PAN, the proteasome-regulatory ATPase complex in Archaea. <b>2007</b> , 282, 22921-9		39
448	The MIT domain of UBPY constitutes a CHMP binding and endosomal localization signal required for efficient epidermal growth factor receptor degradation. <b>2007</b> , 282, 30929-37		119
447	Efficient cargo sorting by ESCRT-I and the subsequent release of ESCRT-I from multivesicular bodies requires the subunit Mvb12. <b>2007</b> , 18, 636-45		55
446	The role of WWP1-Gag interaction and Gag ubiquitination in assembly and release of human T-cell leukemia virus type 1. <i>Journal of Virology</i> , <b>2007</b> , 81, 9769-77	6.6	32
445	The YLDL sequence within Sendai virus M protein is critical for budding of virus-like particles and interacts with Alix/AIP1 independently of C protein. <i>Journal of Virology</i> , <b>2007</b> , 81, 2263-73	6.6	60
444	HIV-1 assembly and cellular trafficking pathways: current understanding and potential for future therapeutics. <b>2007</b> , 1, 113-122		3
443	Aggregation of endosomal-vacuolar compartments in the Aovps24-deleted strain in the filamentous fungus <i>Aspergillus oryzae</i> . <b>2007</b> , 362, 474-9		10
442	Identification of human MVB12 proteins as ESCRT-I subunits that function in HIV budding. <b>2007</b> , 2, 41-53		83
441	Processing of proteins by the molecular chaperone Hsp104. <b>2007</b> , 370, 674-86		53
440	Structural characterization of the ATPase reaction cycle of endosomal AAA protein Vps4. <b>2007</b> , 374, 655-70		46
439	More than one door - Budding of enveloped viruses through cellular membranes. <b>2007</b> , 581, 2089-97		132

438	Biogenesis and function of multivesicular bodies. <b>2007</b> , 23, 519-47		519
437	Dosage rescue by UBC4 restores cell wall integrity in <i>Saccharomyces cerevisiae</i> lacking the myosin type II gene MYO1. <b>2007</b> , 24, 343-55		7
436	The emerging shape of the ESCRT machinery. <b>2007</b> , 8, 355-68		555
435	Human ESCRT and ALIX proteins interact with proteins of the midbody and function in cytokinesis. <i>EMBO Journal</i> , <b>2007</b> , 26, 4215-27	13	524
434	Structural basis for selective recognition of ESCRT-III by the AAA ATPase Vps4. <b>2007</b> , 449, 735-9		251
433	ESCRT-III recognition by VPS4 ATPases. <b>2007</b> , 449, 740-4		260
432	Structure/function analysis of four core ESCRT-III proteins reveals common regulatory role for extreme C-terminal domain. <i>Traffic</i> , <b>2007</b> , 8, 1068-79	5-7	156
431	The role of ubiquitin in retroviral egress. <i>Traffic</i> , <b>2007</b> , 8, 1297-303	5-7	82
430	PalC, one of two Bro1 domain proteins in the fungal pH signalling pathway, localizes to cortical structures and binds Vps32. <i>Traffic</i> , <b>2007</b> , 8, 1346-64	5-7	59
429	Vps22/EAP30 in ESCRT-II mediates endosomal sorting of growth factor and chemokine receptors destined for lysosomal degradation. <i>Traffic</i> , <b>2007</b> , 8, 1617-29	5-7	98
428	AAA+ ATPases: achieving diversity of function with conserved machinery. <i>Traffic</i> , <b>2007</b> , 8, 1657-1667	5-7	169
427	Vps4 regulates a subset of protein interactions at the multivesicular endosome. <b>2007</b> , 274, 1894-907		22
426	Autophagy: from basic research to its application in food biotechnology. <b>2007</b> , 25, 396-409		10
425	ESCRTs and Fab1 regulate distinct steps of autophagy. <b>2007</b> , 17, 1817-25		259
424	Sendai virus budding in the course of an infection does not require Alix and VPS4A host factors. <b>2007</b> , 365, 101-12		39
423	The role of exosomes in the processing of proteins associated with neurodegenerative diseases. <b>2008</b> , 37, 323-32		179
422	Endosomal functions in plants. <i>Traffic</i> , <b>2008</b> , 9, 1589-98	5-7	96
421	Evolution of the multivesicular body ESCRT machinery; retention across the eukaryotic lineage. <i>Traffic</i> , <b>2008</b> , 9, 1698-716	5-7	198

420	Nucleotide-dependent conformational changes and assembly of the AAA ATPase SKD1/VPS4B. <i>Traffic</i> , <b>2008</b> , 9, 2180-9	5-7	29
419	The Vps4 C-terminal helix is a critical determinant for assembly and ATPase activity and has elements conserved in other members of the meiotic clade of AAA ATPases. <b>2008</b> , 275, 1427-1449		10
418	Spastin oligomerizes into a hexamer and the mutant spastin (E442Q) redistribute the wild-type spastin into filamentous microtubule. <b>2008</b> , 106, 613-24		22
417	Endosomal sorting complex required for transport proteins in cancer pathogenesis, vesicular transport, and non-endosomal functions. <b>2008</b> , 99, 1293-303		49
416	Requirements for ATP binding and hydrolysis in RecA function in Escherichia coli. <b>2008</b> , 67, 1347-59		21
415	Recruitment of Alix/AIP1 to the plasma membrane by Sendai virus C protein facilitates budding of virus-like particles. <b>2008</b> , 371, 108-20		41
414	Mechanisms for enveloped virus budding: can some viruses do without an ESCRT?. <b>2008</b> , 372, 221-32		239
413	Tsg101 can replace Nedd4 function in ASV Gag release but not membrane targeting. <b>2008</b> , 377, 30-8		32
412	Structure and disassembly of filaments formed by the ESCRT-III subunit Vps24. <b>2008</b> , 16, 1345-56		115
411	Differential control of CXCR4 and CD4 downregulation by HIV-1 Gag. <b>2008</b> , 5, 23		4
410	Cryo-EM structure of dodecameric Vps4p and its 2:1 complex with Vta1p. <b>2008</b> , 377, 364-77		66
409	Vacuolar protein sorting: two different functional states of the AAA-ATPase Vps4p. <b>2008</b> , 377, 352-63		40
408	Structural basis for autoinhibition of ESCRT-III CHMP3. <b>2008</b> , 378, 818-27		98
407	Mechanism of homotropic control to coordinate hydrolysis in a hexameric AAA+ ring ATPase. <b>2008</b> , 381, 1-12		12
406	Biochemical and structural studies of yeast Vps4 oligomerization. <b>2008</b> , 384, 878-95		51
405	Structural basis of Vta1 function in the multivesicular body sorting pathway. <b>2008</b> , 14, 37-49		91
404	ESCRT-III family members stimulate Vps4 ATPase activity directly or via Vta1. <b>2008</b> , 14, 50-61		116
403	Two distinct modes of ESCRT-III recognition are required for VPS4 functions in lysosomal protein targeting and HIV-1 budding. <b>2008</b> , 15, 62-73		130

402	Ordered assembly of the ESCRT-III complex on endosomes is required to sequester cargo during MVB formation. <b>2008</b> , 15, 578-89		238
401	Novel Ist1-Did2 complex functions at a late step in multivesicular body sorting. <b>2008</b> , 19, 475-84		96
400	Helical structures of ESCRT-III are disassembled by VPS4. <b>2008</b> , 321, 1354-7		256
399	CHMP2B C-truncating mutations in frontotemporal lobar degeneration are associated with an aberrant endosomal phenotype in vitro. <b>2008</b> , 17, 313-22		112
398	G protein-coupled receptor sorting to endosomes and lysosomes. <b>2008</b> , 48, 601-29		353
397	Role of nucleotide binding in septin-septin interactions and septin localization in <i>Saccharomyces cerevisiae</i> . <b>2008</b> , 28, 5120-37		39
396	Hda monomerization by ADP binding promotes replicase clamp-mediated DnaA-ATP hydrolysis. <b>2008</b> , 283, 36118-31		33
395	ESCRT factors restrict mycobacterial growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 3070-5	11.5	65
394	Regulation of Tsg101 expression by the steadiness box: a role of Tsg101-associated ligase. <b>2008</b> , 19, 754-63		48
393	The Bro1-related protein HD-PTP/PTPN23 is required for endosomal cargo sorting and multivesicular body morphogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 6308-13	11.5	108
392	ESCRT-III protein Snf7 mediates high-level expression of the SUC2 gene via the Rim101 pathway. <b>2008</b> , 7, 1888-94		15
391	Molecular characterization of feline immunodeficiency virus budding. <i>Journal of Virology</i> , <b>2008</b> , 82, 2106619		39
390	Quantitative analysis of autophagy-related protein stoichiometry by fluorescence microscopy. <i>Journal of Cell Biology</i> , <b>2008</b> , 182, 129-40	7.3	92
389	Novel interactions of ESCRT-III with LIP5 and VPS4 and their implications for ESCRT-III disassembly. <b>2008</b> , 19, 2661-72		66
388	Ist1 regulates Vps4 localization and assembly. <b>2008</b> , 19, 465-74		104
387	Human immunodeficiency virus type 1 Gag engages the Bro1 domain of ALIX/AIP1 through the nucleocapsid. <i>Journal of Virology</i> , <b>2008</b> , 82, 1389-98	6.6	94
386	Disrupting vesicular trafficking at the endosome attenuates transcriptional activation by Gcn4. <b>2008</b> , 28, 6796-818		19
385	The torsin-family AAA+ protein OOC-5 contains a critical disulfide adjacent to Sensor-II that couples redox state to nucleotide binding. <b>2008</b> , 19, 3599-612		49



384	The secretory system of Arabidopsis. <b>2008</b> , 6, e0116		94
383	Plasma membrane deformation by circular arrays of ESCRT-III protein filaments. <i>Journal of Cell Biology</i> , <b>2008</b> , 180, 389-402	7.3	343
382	A dominant-negative ESCRT-III protein perturbs cytokinesis and trafficking to lysosomes. <b>2008</b> , 411, 233-9		37
381	The <i>Sulfolobus solfataricus</i> AAA protein Sso0909, a homologue of the eukaryotic ESCRT Vps4 ATPase. <b>2008</b> , 36, 94-8		25
380	No strings attached: the ESCRT machinery in viral budding and cytokinesis. <b>2009</b> , 122, 2167-77		96
379	Vacuolar protein sorting pathway contributes to the release of Marburg virus. <i>Journal of Virology</i> , <b>2009</b> , 83, 2327-37	6.6	38
378	Physiological involvement in pH signaling of Vps24-mediated recruitment of <i>Aspergillus</i> PalB cysteine protease to ESCRT-III. <b>2009</b> , 284, 4404-12		49
377	Identification of the penta-EF-hand protein ALG-2 as a Ca <sup>2+</sup> -dependent interactor of mucolipin-1. <b>2009</b> , 284, 36357-36366		69
376	Coordination of membrane events during autophagy by multiple class III PI3-kinase complexes. <i>Journal of Cell Biology</i> , <b>2009</b> , 186, 773-82	7.3	380
375	Human immunodeficiency virus type 1 Nef protein targets CD4 to the multivesicular body pathway. <i>Journal of Virology</i> , <b>2009</b> , 83, 6578-90	6.6	53
374	Essential role of HIST1 in cytokinesis. <b>2009</b> , 20, 1374-87		108
373	The ESCRT-related CHMP1A and B proteins mediate multivesicular body sorting of auxin carriers in Arabidopsis and are required for plant development. <b>2009</b> , 21, 749-66		165
372	Biochemical analyses of human IST1 and its function in cytokinesis. <b>2009</b> , 20, 1360-73		101
371	Cargo sorting into multivesicular bodies in vitro. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 17395-400	11.5	12
370	Ultrastructural analysis of nanogold-labeled endocytic compartments of yeast <i>Saccharomyces cerevisiae</i> using a cryosectioning procedure. <b>2009</b> , 57, 801-9		10
369	A unique role for the host ESCRT proteins in replication of Tomato bushy stunt virus. <b>2009</b> , 5, e1000705		157
368	The nucleocapsid region of HIV-1 Gag cooperates with the PTAP and LYPXnL late domains to recruit the cellular machinery necessary for viral budding. <b>2009</b> , 5, e1000339		117
367	Computational model of membrane fission catalyzed by ESCRT-III. <b>2009</b> , 5, e1000575		121

366	Detection of protein-protein interactions through vesicle targeting. <b>2009</b> , 182, 33-9		11
365	Structural basis of Ist1 function and Ist1-Did2 interaction in the multivesicular body pathway and cytokinesis. <b>2009</b> , 20, 3514-24		73
364	Three-dimensional structure of AAA ATPase Vps4: advancing structural insights into the mechanisms of endosomal sorting and enveloped virus budding. <b>2009</b> , 17, 427-37		44
363	ESCRT proteins in physiology and disease. <b>2009</b> , 315, 1619-26		60
362	Cell biology of the ESCRT machinery. <b>2009</b> , 21, 568-74		74
361	The ESCRT-III protein CeVPS-32 is enriched in domains distinct from CeVPS-27 and CeVPS-23 at the endosomal membrane of epithelial cells. <b>2009</b> , 101, 599-615		23
360	Proteomic analysis of secreted membrane vesicles of archaeal <i>Sulfolobus</i> species reveals the presence of endosome sorting complex components. <b>2009</b> , 13, 67-79		118
359	Conserved aromatic and basic amino acid residues in the pore region of <i>Caenorhabditis elegans</i> spastin play critical roles in microtubule severing. <b>2009</b> , 14, 925-40		13
358	Membrane scission by the ESCRT-III complex. <b>2009</b> , 458, 172-7		473
357	Systems biology of growth factor-induced receptor endocytosis. <i>Traffic</i> , <b>2009</b> , 10, 349-63	5-7	73
356	Multivesicular endosome biogenesis in the absence of ESCRTs. <i>Traffic</i> , <b>2009</b> , 10, 925-37	5-7	398
355	Membrane protein targeting to the MVB/lysosome. <b>2009</b> , 109, 1575-86		42
354	Structure and function of the ESCRT-II-III interface in multivesicular body biogenesis. <b>2009</b> , 17, 234-43		86
353	RhoBTB3: a Rho GTPase-family ATPase required for endosome to Golgi transport. <b>2009</b> , 137, 938-48		75
352	Herpesvirus assembly: an update. <b>2009</b> , 143, 222-34		288
351	Membrane-bending proteins. <b>2009</b> , 44, 278-91		37
350	Analysis of the dual function of the ESCRT-III protein Snf7 in endocytic trafficking and in gene expression. <b>2009</b> , 424, 89-97		22
349	Regulation of Vps4 ATPase activity by ESCRT-III. <b>2009</b> , 37, 143-5		14

348	Evolution and assembly of ESCRTs. <b>2009</b> , 37, 151-5		20
347	Structure and function of ESCRT-III. <b>2009</b> , 37, 156-60		51
346	The ESCRT pathway and HIV-1 budding. <b>2009</b> , 37, 181-4		89
345	The role of CHMP2B in frontotemporal dementia. <b>2009</b> , 37, 208-12		52
344	The role of ESCRT proteins in fusion events involving lysosomes, endosomes and autophagosomes. <b>2010</b> , 38, 1469-73		64
343	The lysosomal trafficking regulator interacting protein-5 localizes mainly in epithelial cells. <b>2010</b> , 41, 61-74		5
342	Structural role of the Vps4-Vta1 interface in ESCRT-III recycling. <b>2010</b> , 18, 976-84		43
341	Structure and function of the molecular chaperone Hsp104 from yeast. <b>2010</b> , 93, 252-76		37
340	Cell-free reconstitution of multivesicular body formation and receptor sorting. <i>Traffic</i> , <b>2010</b> , 11, 867-76	5:7	15
339	Involvement of Snf7p and Rim101p in the transcriptional regulation of TIR1 and other anaerobically upregulated genes in <i>Saccharomyces cerevisiae</i> . <b>2010</b> , 10, 367-84		2
338	A plasma-membrane E-MAP reveals links of the eisosome with sphingolipid metabolism and endosomal trafficking. <b>2010</b> , 17, 901-8		79
337	ESCRT-II coordinates the assembly of ESCRT-III filaments for cargo sorting and multivesicular body vesicle formation. <i>EMBO Journal</i> , <b>2010</b> , 29, 871-83	13	120
336	The AAA-type ATPase AtSKD1 contributes to vacuolar maintenance of <i>Arabidopsis thaliana</i> . <b>2010</b> , 64, 71-85		50
335	Membrane budding and scission by the ESCRT machinery: it's all in the neck. <b>2010</b> , 11, 556-66		512
334	The AAA+ ATPase ATAD3A controls mitochondrial dynamics at the interface of the inner and outer membranes. <b>2010</b> , 30, 1984-96		92
333	Effect of ATP binding and hydrolysis on dynamics of canine parvovirus NS1. <i>Journal of Virology</i> , <b>2010</b> , 84, 5391-403	6.6	14
332	Post-Golgi Sec proteins are required for autophagy in <i>Saccharomyces cerevisiae</i> . <b>2010</b> , 21, 2257-69		144
331	Relative tissue expression of homologous torsinB correlates with the neuronal specific importance of DYT1 dystonia-associated torsinA. <b>2010</b> , 19, 888-900		64

330	Human ESCRT-III and VPS4 proteins are required for centrosome and spindle maintenance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 12889-94	11.5	159
329	Mutational analysis of <i>Candida albicans</i> SNF7 reveals genetically separable Rim101 and ESCRT functions and demonstrates divergence in bro1-domain protein interactions. <b>2010</b> , 184, 673-94		14
328	The ESCRT-associated protein Alix recruits the ubiquitin ligase Nedd4-1 to facilitate HIV-1 release through the LYPXnL L domain motif. <i>Journal of Virology</i> , <b>2010</b> , 84, 8181-92	6.6	69
327	Assembly of the AAA ATPase Vps4 on ESCRT-III. <b>2010</b> , 21, 1059-71		89
326	Regulators of Vps4 ATPase activity at endosomes differentially influence the size and rate of formation of intraluminal vesicles. <b>2010</b> , 21, 1023-32		65
325	The microtubule plus-end localization of <i>Aspergillus</i> dynein is important for dynein-early-endosome interaction but not for dynein ATPase activation. <b>2010</b> , 123, 3596-604		61
324	Coordination of substrate binding and ATP hydrolysis in Vps4-mediated ESCRT-III disassembly. <b>2010</b> , 21, 3396-408		40
323	The ESCRT machinery: a cellular apparatus for sorting and scission. <b>2010</b> , 38, 1397-412		22
322	Activation of human VPS4A by ESCRT-III proteins reveals ability of substrates to relieve enzyme autoinhibition. <b>2010</b> , 285, 35428-38		49
321	Functional interchangeability of late domains, late domain cofactors and ubiquitin in viral budding. <b>2010</b> , 6, e1001153		55
320	The yeast vps class E mutants: the beginning of the molecular genetic analysis of multivesicular body biogenesis. <b>2010</b> , 21, 4057-60		18
319	The <i>Candida albicans</i> ESCRT pathway makes Rim101-dependent and -independent contributions to pathogenesis. <b>2010</b> , 9, 1203-15		29
318	Detection of the Endosomal Sorting Complex Required for Transport in <i>Entamoeba histolytica</i> and Characterization of the EhVps4 Protein. <b>2010</b> , 2010, 890674		16
317	Endosomal-sorting complexes required for transport (ESCRT) pathway-dependent endosomal traffic regulates the localization of active Src at focal adhesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 16107-12	11.5	50
316	Seeds of <i>Arabidopsis</i> plants expressing dominant-negative AtSKD1 under control of the GL2 promoter show a transparent testa phenotype and a mucilage defect. <b>2010</b> , 5, 1308-10		10
315	Membrane trafficking in protozoa SNARE proteins, H <sup>+</sup> -ATPase, actin, and other key players in ciliates. <b>2010</b> , 280, 79-184		30
314	Developmental and cellular functions of the ESCRT machinery in pluricellular organisms. <b>2010</b> , 102, 191-202		32
313	Membrane budding. <b>2010</b> , 143, 875-87		207

312	Stable isotope labeling with amino acids in cell culture based mass spectrometry approach to detect transient protein interactions using substrate trapping. <b>2011</b> , 83, 5511-8		8
311	ESCRT-III protein requirements for HIV-1 budding. <b>2011</b> , 9, 235-242		172
310	The ESCRT pathway. <b>2011</b> , 21, 77-91		925
309	Multivesicular bodies in neurons: distribution, protein content, and trafficking functions. <b>2011</b> , 93, 313-40		135
308	Protein-Protein Interaction Network and Subcellular Localization of the Arabidopsis Thaliana ESCRT Machinery. <b>2011</b> , 2, 20		49
307	Echovirus 1 infection depends on biogenesis of novel multivesicular bodies. <b>2011</b> , 13, 1975-95		31
306	A role for Rab10 in von Willebrand factor release discovered by an AP-1 interactor screen in <i>C. elegans</i> . <b>2011</b> , 9, 392-401		12
305	Functional analysis of the putative AAA ATPase AipA localizing at the endocytic sites in the filamentous fungus <i>Aspergillus oryzae</i> . <b>2011</b> , 320, 63-71		7
304	Regulation of Vps4 during MVB sorting and cytokinesis. <i>Traffic</i> , <b>2011</b> , 12, 1298-305	5:7	38
303	Live-cell visualization of dynamics of HIV budding site interactions with an ESCRT component. <b>2011</b> , 13, 469-74		149
302	Structural basis for endosomal recruitment of ESCRT-I by ESCRT-0 in yeast. <i>EMBO Journal</i> , <b>2011</b> , 30, 2130-9		15
301	Diacylglycerol kinase $\beta$ regulates the formation and polarisation of mature multivesicular bodies involved in the secretion of Fas ligand-containing exosomes in T lymphocytes. <b>2011</b> , 18, 1161-73		102
300	Structural basis for ESCRT-III CHMP3 recruitment of AMSH. <b>2011</b> , 19, 1149-59		42
299	Assembly and disassembly of the ESCRT-III membrane scission complex. <b>2011</b> , 585, 3191-6		56
298	MVB vesicle formation: ESCRT-dependent, ESCRT-independent and everything in between. <b>2011</b> , 23, 452-7		226
297	The Arabidopsis ESCRT protein-protein interaction network. <b>2011</b> , 76, 85-96		38
296	Interaction between the yellow fever virus nonstructural protein NS3 and the host protein Alix contributes to the release of infectious particles. <b>2011</b> , 13, 85-95		29
295	Bro1 binding to Snf7 regulates ESCRT-III membrane scission activity in yeast. <i>Journal of Cell Biology</i> , <b>2011</b> , 192, 295-306	7:3	70

294	Rescue of <i>Aspergillus nidulans</i> severely debilitating null mutations in ESCRT-0, I, II and III genes by inactivation of a salt-tolerance pathway allows examination of ESCRT gene roles in pH signalling. <b>2011</b> , 124, 4064-76		36
293	The spindle assembly function of <i>Caenorhabditis elegans</i> katanin does not require microtubule-severing activity. <b>2011</b> , 22, 1550-60		36
292	Genetic interactions with mutations affecting septin assembly reveal ESCRT functions in budding yeast cytokinesis. <b>2011</b> , 392, 699-712		20
291	Tumour susceptibility gene 101 and the vacuolar protein sorting pathway are required for the release of hepatitis E virions. <b>2011</b> , 92, 2838-2848		73
290	Essential and supporting host cell factors for HIV-1 budding. <b>2011</b> , 6, 1159-70		9
289	Arenavirus budding. <b>2011</b> , 2011, 180326		25
288	Basic residues in the nucleocapsid domain of Gag are critical for late events of HIV-1 budding. <i>Journal of Virology</i> , <b>2011</b> , 85, 2304-15	6.6	39
287	Charged multivesicular body protein 2B (CHMP2B) of the endosomal sorting complex required for transport-III (ESCRT-III) polymerizes into helical structures deforming the plasma membrane. <b>2011</b> , 286, 40276-86		80
286	Association of the endosomal sorting complex ESCRT-II with the Vps20 subunit of ESCRT-III generates a curvature-sensitive complex capable of nucleating ESCRT-III filaments. <b>2011</b> , 286, 34262-70		68
285	Multiple interactions between the ESCRT machinery and arrestin-related proteins: implications for PPXY-dependent budding. <i>Journal of Virology</i> , <b>2011</b> , 85, 3546-56	6.6	85
284	The Arabidopsis deubiquitinating enzyme AMSH3 interacts with ESCRT-III subunits and regulates their localization. <b>2011</b> , 23, 3026-40		76
283	The ESCRT-0 component HRS is required for HIV-1 Vpu-mediated BST-2/tetherin down-regulation. <b>2011</b> , 7, e1001265		80
282	Quantitative live-cell imaging of human immunodeficiency virus (HIV-1) assembly. <i>Viruses</i> , <b>2012</b> , 4, 777-90.2		21
281	Microtubule-severing enzymes at the cutting edge. <b>2012</b> , 125, 2561-9		151
280	Membrane-elasticity model of Coatless vesicle budding induced by ESCRT complexes. <b>2012</b> , 8, e1002736		33
279	Analyses of dynein heavy chain mutations reveal complex interactions between dynein motor domains and cellular dynein functions. <b>2012</b> , 191, 1157-79		13
278	The arrestin-like protein Rim8 is hyperphosphorylated and complexes with Rim21 and Rim101 to promote adaptation to neutral-alkaline pH. <b>2012</b> , 11, 683-93		23
277	ALIX binds a YPX(3)L motif of the GPCR PAR1 and mediates ubiquitin-independent ESCRT-III/MVB sorting. <i>Journal of Cell Biology</i> , <b>2012</b> , 197, 407-19	7.3	117

276	Cellular VPS4 is required for efficient entry and egress of budded virions of <i>Autographa californica</i> multiple nucleopolyhedrovirus. <i>Journal of Virology</i> , <b>2012</b> , 86, 459-72	6.6	21
275	Budding of retroviruses utilizing divergent L domains requires nucleocapsid. <i>Journal of Virology</i> , <b>2012</b> , 86, 4182-93	6.6	15
274	Interactions of the human LIP5 regulatory protein with endosomal sorting complexes required for transport. <b>2012</b> , 287, 43910-26		36
273	Structural basis of molecular recognition between ESCRT-III-like protein Vps60 and AAA-ATPase regulator Vta1 in the multivesicular body pathway. <b>2012</b> , 287, 43899-908		33
272	Identification of the ubiquitin ligase Triad1 as a regulator of endosomal transport. <b>2012</b> , 1, 607-14		16
271	Vesicle formation within endosomes: An ESCRT marks the spot. <b>2012</b> , 5, 50-6		27
270	The endosomal sorting complex ESCRT-II mediates the assembly and architecture of ESCRT-III helices. <b>2012</b> , 151, 356-71		163
269	Cargo ubiquitination is essential for multivesicular body intraluminal vesicle formation. <b>2012</b> , 13, 331-8		62
268	Multivesicular body morphogenesis. <b>2012</b> , 28, 337-62		385
267	Computational model of cytokinetic abscission driven by ESCRT-III polymerization and remodeling. <b>2012</b> , 102, 2309-20		58
266	HIV-1 assembly, budding, and maturation. <b>2012</b> , 2, a006924		470
265	The zebrafish homologue of the human DYT1 dystonia gene is widely expressed in CNS neurons but non-essential for early motor system development. <b>2012</b> , 7, e45175		4
264	Shaping development with ESCRTs. <b>2011</b> , 14, 38-45		104
263	Inhibition of HBV replication by VPS4B and its dominant negative mutant VPS4B-K180Q in vivo. <b>2012</b> , 32, 311-316		1
262	Endocytic control of growth factor signalling: multivesicular bodies as signalling organelles. <b>2011</b> , 13, 53-60		125
261	Regulation of membrane protein degradation by starvation-response pathways. <i>Traffic</i> , <b>2012</b> , 13, 468-82, 7		73
260	Requirements for the catalytic cycle of the N-ethylmaleimide-Sensitive Factor (NSF). <b>2012</b> , 1823, 159-71		47
259	Structure and function of the AAA+ nucleotide binding pocket. <b>2012</b> , 1823, 2-14		194

258	Coupling AAA protein function to regulated gene expression. <b>2012</b> , 1823, 108-16		28
257	Structure and function of the membrane deformation AAA ATPase Vps4. <b>2012</b> , 1823, 172-81		41
256	The AAA-type ATPases Pex1p and Pex6p and their role in peroxisomal matrix protein import in <i>Saccharomyces cerevisiae</i> . <b>2012</b> , 1823, 150-8		31
255	Sna3 is an Rsp5 adaptor protein that relies on ubiquitination for its MVB sorting. <i>Traffic</i> , <b>2012</b> , 13, 586-98.7		36
254	The signaling mechanism of ambient pH sensing and adaptation in yeast and fungi. <b>2012</b> , 279, 1407-13		40
253	ESCRT-III polymers in membrane neck constriction. <b>2012</b> , 22, 133-40		54
252	Growth factor receptor trafficking as a potential therapeutic target in pediatric cancer. <b>2012</b> , 7, 1-13		4
251	Viral membrane scission. <b>2013</b> , 29, 551-69		39
250	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N resonance assignments of the N-terminal domain of Vta1-Vps60 peptide complex. <b>2013</b> , 7, 331-4		3
249	Where do they come from and where do they go: candidates for regulating extracellular vesicle formation in fungi. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 9581-603	6.3	48
248	The AAA ATPase VPS4/SKD1 regulates endosomal cholesterol trafficking independently of ESCRT-III. <i>Traffic</i> , <b>2013</b> , 14, 107-19	5.7	18
247	Wrapping up the bad news: HIV assembly and release. <b>2013</b> , 10, 5		43
246	Doa4 function in ILV budding is restricted through its interaction with the Vps20 subunit of ESCRT-III. <b>2013</b> , 126, 1881-90		14
245	Essential N-terminal insertion motif anchors the ESCRT-III filament during MVB vesicle formation. <b>2013</b> , 27, 201-214		74
244	Vps factors are required for efficient transcription elongation in budding yeast. <b>2013</b> , 193, 829-51		17
243	MIT domain of Vps4 is a Ca <sup>2+</sup> -dependent phosphoinositide-binding domain. <b>2013</b> , 153, 473-81		10
242	The linker region plays a regulatory role in assembly and activity of the Vps4 AAA ATPase. <b>2013</b> , 288, 26810-9		11
241	Plasma membrane protein ubiquitylation and degradation as determinants of positional growth in plants. <b>2013</b> , 55, 809-23		26



240	Changes in cellular distribution regulate SKD1 ATPase activity in response to a sudden increase in environmental salinity in halophyte ice plant. <b>2013</b> , 8, e27433	1
239	The allosteric role of the AAA+ domain of ChLD protein from the magnesium chelatase of <i>synechocystis</i> species PCC 6803. <b>2013</b> , 288, 28727-32	14
238	Relief of autoinhibition enhances Vta1 activation of Vps4 via the Vps4 stimulatory element. <b>2013</b> , 288, 26147-26156	22
237	ESCRT requirements for EIAV budding. <b>2013</b> , 10, 104	23
236	Suppressor of K <sup>+</sup> transport growth defect 1 (SKD1) interacts with RING-type ubiquitin ligase and sucrose non-fermenting 1-related protein kinase (SnRK1) in the halophyte ice plant. <b>2013</b> , 64, 2385-400	16
235	An <i>Arabidopsis</i> ATPase gene involved in nematode-induced syncytium development and abiotic stress responses. <b>2013</b> , 74, 852-66	25
234	Alix serves as an adaptor that allows human parainfluenza virus type 1 to interact with the host cell ESCRT system. <b>2013</b> , 8, e59462	9
233	The maize AAA-type protein SKD1 confers enhanced salt and drought stress tolerance in transgenic tobacco by interacting with Lyst-interacting protein 5. <b>2013</b> , 8, e69787	21
232	Functional characterization of the putative hepatitis B virus core protein late domain using retrovirus chimeras. <b>2013</b> , 8, e72845	8
231	The complexity of vesicle transport factors in plants examined by orthology search. <b>2014</b> , 9, e97745	27
230	The BiP molecular chaperone plays multiple roles during the biogenesis of torsinA, an AAA+ ATPase associated with the neurological disease early-onset torsion dystonia. <b>2014</b> , 289, 12727-47	22
229	Vps4 stimulatory element of the cofactor Vta1 contacts the ATPase Vps4 $\alpha$ and $\beta$ to stimulate ATP hydrolysis. <b>2014</b> , 289, 28707-18	15
228	Identification of interphase functions for the NIMA kinase involving microtubules and the ESCRT pathway. <b>2014</b> , 10, e1004248	20
227	<i>Arabidopsis</i> LIP5, a positive regulator of multivesicular body biogenesis, is a critical target of pathogen-responsive MAPK cascade in plant basal defense. <b>2014</b> , 10, e1004243	70
226	ESCRT-III mediated cell division in <i>Sulfolobus acidocaldarius</i> - a reconstitution perspective. <b>2014</b> , 5, 257	10
225	The <i>Arabidopsis</i> Endosomal Sorting Complex Required for Transport III Regulates Internal Vesicle Formation of the Prevacuolar Compartment and Is Required for Plant Development. <b>2014</b> , 165, 1328-1343	55
224	ATP and magnesium promote cotton short-form ribulose-1,5-bisphosphate carboxylase/oxygenase (Rubisco) activase hexamer formation at low micromolar concentrations. <b>2014</b> , 53, 7232-46	18
223	Cytokinetic abscission: molecular mechanisms and temporal control. <b>2014</b> , 31, 525-38	174

222	Binding to any ESCRT can mediate ubiquitin-independent cargo sorting. <i>Traffic</i> , <b>2014</b> , 15, 212-29	5.7	15
221	ESCRT regulates surface expression of the Kir2.1 potassium channel. <b>2014</b> , 25, 276-89		18
220	The ESCRT-III adaptor protein Bro1 controls functions of regulator for free ubiquitin chains 1 (Rfu1) in ubiquitin homeostasis. <b>2014</b> , 289, 21760-9		9
219	First remodel, then recycle. <i>Journal of Cell Biology</i> , <b>2014</b> , 205, 3-3	7.3	78
218	Deletion of <i>cdvB</i> paralogous genes of <i>Sulfolobus acidocaldarius</i> impairs cell division. <b>2014</b> , 18, 331-9		17
217	The <i>Drosophila</i> Chmp1 protein determines wing cell fate through regulation of epidermal growth factor receptor signaling. <b>2014</b> , 243, 977-87		9
216	A structural analysis of the AAA+ domains in <i>Saccharomyces cerevisiae</i> cytoplasmic dynein. <b>2014</b> , 186, 367-75		14
215	Coordinated binding of Vps4 to ESCRT-III drives membrane neck constriction during MVB vesicle formation. <i>Journal of Cell Biology</i> , <b>2014</b> , 205, 33-49	7.3	121
214	A unique N-terminal sequence in the Carnation Italian ringspot virus p36 replicase-associated protein interacts with the host cell ESCRT-I component Vps23. <i>Journal of Virology</i> , <b>2014</b> , 88, 6329-44	6.6	27
213	Polarized release of T-cell-receptor-enriched microvesicles at the immunological synapse. <b>2014</b> , 507, 118-23		275
212	The oligomeric state of the active Vps4 AAA ATPase. <b>2014</b> , 426, 510-25		47
211	Allosteric communication in the dynein motor domain. <b>2014</b> , 159, 857-68		67
210	The ESCRT machinery: from the plasma membrane to endosomes and back again. <b>2014</b> , 49, 242-61		95
209	Surveillance of nuclear pore complex assembly by ESCRT-III/Vps4. <b>2014</b> , 159, 388-401		164
208	Blocking ESCRT-mediated envelopment inhibits microtubule-dependent trafficking of alphaherpesviruses in vitro. <i>Journal of Virology</i> , <b>2014</b> , 88, 14467-78	6.6	20
207	The complex ultrastructure of the endolysosomal system. <b>2014</b> , 6, a016857		201
206	Making sense of Vps4. <b>2014</b> , 426, 503-6		4
205	Asymmetric ring structure of Vps4 required for ESCRT-III disassembly. <i>Nature Communications</i> , <b>2015</b> , 6, 8781	17.4	30

204	The protein transportation pathway from Golgi to vacuoles via endosomes plays a role in enhancement of methylmercury toxicity. <b>2014</b> , 4, 5888		8
203	ESCRTs are everywhere. <i>EMBO Journal</i> , <b>2015</b> , 34, 2398-407	13	369
202	Ultrastructural studies of ALS mitochondria connect altered function and permeability with defects of mitophagy and mitochondrialogenesis. <b>2015</b> , 9, 341		27
201	Distinct mechanisms of recognizing endosomal sorting complex required for transport III (ESCRT-III) protein IST1 by different microtubule interacting and trafficking (MIT) domains. <b>2015</b> , 290, 8396-408		21
200	Binding of Substrates to the Central Pore of the Vps4 ATPase Is Autoinhibited by the Microtubule Interacting and Trafficking (MIT) Domain and Activated by MIT Interacting Motifs (MIMs). <b>2015</b> , 290, 13490-9		31
199	<i>Drosophila</i> Vps4 promotes Epidermal growth factor receptor signaling independently of its role in receptor degradation. <b>2015</b> , 142, 1480-91		12
198	Evidence for a Nonendosomal Function of the <i>Saccharomyces cerevisiae</i> ESCRT-III-Like Protein Chm7. <b>2015</b> , 201, 1439-52		31
197	Conformational Changes in the Endosomal Sorting Complex Required for the Transport III Subunit Ist1 Lead to Distinct Modes of ATPase Vps4 Regulation. <b>2015</b> , 290, 30053-65		14
196	Engineering the supply chain for protein production/secretion in yeasts and mammalian cells. <b>2015</b> , 42, 453-64		23
195	Constitutively active ESCRT-II suppresses the MVB-sorting phenotype of ESCRT-0 and ESCRT-I mutants. <b>2015</b> , 26, 554-68		17
194	A Critical Role of Lyst-Interacting Protein5, a Positive Regulator of Multivesicular Body Biogenesis, in Plant Responses to Heat and Salt Stresses. <b>2015</b> , 169, 497-511		30
193	Significantly Diverged Did2/Vps46 Orthologues from the Protozoan Parasite <i>Giardia lamblia</i> . <b>2015</b> , 71, 333-40		4
192	Molecular snapshots of the Pex1/6 AAA+ complex in action. <i>Nature Communications</i> , <b>2015</b> , 6, 7331	17.4	54
191	Vps4 disassembles an ESCRT-III filament by global unfolding and processive translocation. <b>2015</b> , 22, 492-8		62
190	Host ESCRT proteins are required for bromovirus RNA replication compartment assembly and function. <b>2015</b> , 11, e1004742		62
189	Formation of Tubulovesicular Carriers from Endosomes and Their Fusion to the trans-Golgi Network. <b>2015</b> , 318, 159-202		14
188	A novel mechanism of regulating the ATPase VPS4 by its cofactor LIP5 and the endosomal sorting complex required for transport (ESCRT)-III protein CHMP5. <b>2015</b> , 290, 7291-303		23
187	The <i>Xanthomonas campestris</i> type III effector XopJ proteolytically degrades proteasome subunit RPT6. <b>2015</b> , 168, 107-19		36

186	ESCRTs breach the nuclear border. <b>2015</b> , 6, 197-202	14
185	Regulation of ribulose-1,5-bisphosphate carboxylase/oxygenase (rubisco) activase: product inhibition, cooperativity, and magnesium activation. <b>2015</b> , 290, 24222-36	39
184	ESCRT-0 marks an APPL1-independent transit route for EGFR between the cell surface and the EEA1-positive early endosome. <b>2015</b> , 128, 755-67	16
183	Arabidopsis ALIX is required for the endosomal localization of the deubiquitinating enzyme AMSH3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E5543-51	40
182	Torsins: not your typical AAA+ ATPases. <b>2015</b> , 50, 532-49	34
181	ESCRT (Endosomal Sorting Complex Required for Transport) Machinery Is Essential for Acrosomal Exocytosis in Human Sperm. <b>2015</b> , 93, 124	14
180	Fundamental Characteristics of AAA+ Protein Family Structure and Function. <b>2016</b> , 2016, 9294307	44
179	The Multivesicular Bodies (MVBs)-Localized AAA ATPase LRD6-6 Inhibits Immunity and Cell Death Likely through Regulating MVBs-Mediated Vesicular Trafficking in Rice. <b>2016</b> , 12, e1006311	33
178	ALIX Regulates the Ubiquitin-Independent Lysosomal Sorting of the P2Y1 Purinergic Receptor via a YPX3L Motif. <b>2016</b> , 11, e0157587	30
177	The Arabidopsis LYST INTERACTING PROTEIN 5 Acts in Regulating Abscisic Acid Signaling and Drought Response. <b>2016</b> , 7, 758	16
176	ESCRTing around the Cell. <b>2016</b> , 466-474	
175	NMR studies on the interactions between yeast Vta1 and Did2 during the multivesicular bodies sorting pathway. <b>2016</b> , 6, 38710	1
174	Budding of Tiger Frog Virus (an Iridovirus) from HepG2 Cells via Three Ways Recruits the ESCRT Pathway. <b>2016</b> , 6, 26581	8
173	Structural Fine-Tuning of MIT-Interacting Motif 2 (MIM2) and Allosteric Regulation of ESCRT-III by Vps4 in Yeast. <b>2016</b> , 428, 2392-2404	11
172	The Walker A motif mutation recA4159 abolishes the SOS response and recombination in a recA730 mutant of Escherichia coli. <b>2016</b> , 167, 462-71	2
171	Herpes Simplex Virus Capsid Localization to ESCRT-VPS4 Complexes in the Presence and Absence of the Large Tegument Protein UL36p. <i>Journal of Virology</i> , <b>2016</b> , 90, 7257-7267	6.6 22
170	Structural and functional characterization of the microtubule interacting and trafficking domains of two oomycete chitin synthases. <b>2016</b> , 283, 3072-88	5
169	ESCRTs and associated proteins in lysosomal fusion with endosomes and autophagosomes. <b>2016</b> , 94, 443-450	2

168	EssC: domain structures inform on the elusive translocation channel in the Type VII secretion system. <b>2016</b> , 473, 1941-52	26
167	Identification of the phospholipid lysobisphosphatidic acid in the protozoan : An active molecule in endocytosis. <b>2016</b> , 5, 224-236	13
166	ESCRT-III and Vps4: a dynamic multipurpose tool for membrane budding and scission. <b>2016</b> , 283, 3288-302	62
165	The AAA ATPase Vps4 Plays Important Roles in Candida albicans Hyphal Formation and is Inhibited by DBE1. <b>2016</b> , 181, 329-39	4
164	Roles of septins in prospore membrane morphogenesis and spore wall assembly in Saccharomyces cerevisiae. <b>2016</b> , 27, 442-50	18
163	Regulation of yeast ESCRT-III membrane scission activity by the Doa4 ubiquitin hydrolase. <b>2017</b> , 28, 661-672	10
162	Mechanism of Vps4 hexamer function revealed by cryo-EM. <b>2017</b> , 3, e1700325	40
161	Growing functions of the ESCRT machinery in cell biology and viral replication. <b>2017</b> , 45, 613-634	57
160	Role of ESCRT component HD-PTP/ in cancer. <b>2017</b> , 45, 845-854	12
159	Dynamic subunit turnover in ESCRT-III assemblies is regulated by Vps4 to mediate membrane remodelling during cytokinesis. <b>2017</b> , 19, 787-798	145
158	Evidence for ESCRT- and clathrin-dependent microautophagy. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 3263-3274	88
157	A Consensus View of ESCRT-Mediated Human Immunodeficiency Virus Type 1 Abscission. <b>2017</b> , 4, 309-325	22
156	Cryo-EM structures of the ATP-bound Vps4 hexamer and its complex with Vta1 at near-atomic resolution. <i>Nature Communications</i> , <b>2017</b> , 8, 16064	17.4 30
155	The extracellular role of DNA damage repair protein APE1 in regulation of IL-6 expression. <b>2017</b> , 39, 18-31	22
154	Regulation of Rab5 isoforms by transcriptional and post-transcriptional mechanisms in yeast. <b>2017</b> , 591, 2803-2815	8
153	Endocytosis regulates TDP-43 toxicity and turnover. <i>Nature Communications</i> , <b>2017</b> , 8, 2092	17.4 47
152	Thorase variants are associated with defects in glutamatergic neurotransmission that can be rescued by Perampanel. <b>2017</b> , 9,	12
151	Reverse-topology membrane scission by the ESCRT proteins. <b>2017</b> , 18, 5-17	238

150	Physical, Functional and Genetic Interactions between the BEACH Domain Protein SPIRRIG and LIP5 and SKD1 and Its Role in Endosomal Trafficking to the Vacuole in Arabidopsis. <b>2017</b> , 8, 1969		6
149	ESCRTs function directly on the lysosome membrane to downregulate ubiquitinated lysosomal membrane proteins. <i>ELife</i> , <b>2017</b> , 6,	8.9	57
148	Recruitment dynamics of ESCRT-III and Vps4 to endosomes and implications for reverse membrane budding. <i>ELife</i> , <b>2017</b> , 6,	8.9	94
147	Alb accumulation causes MVB enlargement and is modelled by dominant negative VPS4A. <b>2017</b> , 12, 61		39
146	VPS4 is a dynamic component of the centrosome that regulates centrosome localization of $\beta$ -tubulin, centriolar satellite stability and ciliogenesis. <b>2018</b> , 8, 3353		14
145	A homozygous ATAD1 mutation impairs postsynaptic AMPA receptor trafficking and causes a lethal encephalopathy. <b>2018</b> , 141, 651-661		26
144	Accelerated invagination of vacuoles as a stress response in chronically heat-stressed yeasts. <b>2018</b> , 8, 2644		7
143	The ESCRT protein Chmp4c regulates mitotic spindle checkpoint signaling. <i>Journal of Cell Biology</i> , <b>2018</b> , 217, 861-876	7.3	14
142	Functional dissection of the three N-terminal general secretory pathway domains and the Walker motifs of the traffic ATPase PilF from <i>Thermus thermophilus</i> . <b>2018</b> , 22, 461-471		10
141	The ESCRT machinery: When function follows form. <b>2018</b> , 74, 1-3		2
140	Common Energetic and Mechanical Features of Membrane Fusion and Fission Machineries. <b>2018</b> , 421-469		0
139	ATP-dependent force generation and membrane scission by ESCRT-III and Vps4. <b>2018</b> , 362, 1423-1428		85
138	Endosomal trafficking of yeast membrane proteins. <b>2018</b> , 46, 1551-1558		14
137	Tumor Suppressor Gene 101. <b>2018</b> , 317-351		1
136	The Yeast Vacuole: A Paradigm for Plant Cell Biologists?. <b>2018</b> , 1-21		1
135	ESCRT machinery components are required for Orthobunyavirus particle production in Golgi compartments. <b>2018</b> , 14, e1007047		11
134	The Conserved ESCRT-III Machinery Participates in the Phagocytosis of. <b>2018</b> , 8, 53		31
133	Structural basis for disassembly of katanin heterododecamers. <b>2018</b> , 293, 10590-10605		15

132	Autophagy gene overexpression in <i>Saccharomyces cerevisiae</i> perturbs subcellular organellar function and accumulates ROS to accelerate cell death with relevance to sparkling wine production. <b>2018</b> , 102, 8447-8464	5
131	ESCRT and Membrane Protein Ubiquitination. <b>2018</b> , 57, 107-135	14
130	Ubiquitin recognition in endocytic trafficking - with or without ESCRT-0. <b>2019</b> , 132,	17
129	Comprehensive analysis of yeast ESCRT-III composition in single ESCRT-III deletion mutants. <b>2019</b> , 476, 2031-2046	4
128	NEDD4 family ubiquitin ligases associate with LCMV Z $\beta$ PPXY domain and are required for virus budding, but not via direct ubiquitination of Z. <b>2019</b> , 15, e1008100	6
127	A Validated Set of Fluorescent-Protein-Based Markers for Major Organelles in Yeast ( <i>Saccharomyces cerevisiae</i> ). <b>2019</b> , 10,	12
126	Structure and mechanism of the ESCRT pathway AAA+ ATPase Vps4. <b>2019</b> , 47, 37-45	16
125	A hypergraph-based method for large-scale dynamic correlation study at the transcriptomic scale. <b>2019</b> , 20, 397	3
124	CteG is a <i>Chlamydia trachomatis</i> effector protein that associates with the Golgi complex of infected host cells. <b>2019</b> , 9, 6133	6
123	VPS4 triggers constriction and cleavage of ESCRT-III helical filaments. <b>2019</b> , 5, eaau7198	41
122	Functional Modules of Minimal Cell Division for Synthetic Biology. <b>2019</b> , 3, e1800315	7
121	Component Interaction of ESCRT Complexes Is Essential for Endocytosis-Dependent Growth, Reproduction, DON Production and Full Virulence in. <b>2019</b> , 10, 180	9
120	The role of VPS4 in ESCRT-III polymer remodeling. <b>2019</b> , 47, 441-448	16
119	The auxiliary ESCRT complexes provide robustness to cold in poikilothermic organisms. <b>2019</b> , 8,	5
118	Ensamblaje y liberaci3n del virus dengue: controversia sobre la participaci3n de la prote3na Alix. <b>2019</b> , 24, 509-519	
117	Role of SMURF1 ubiquitin ligase in BMP receptor trafficking and signaling. <b>2019</b> , 54, 139-149	5
116	The traffic ATPase PilF interacts with the inner membrane platform of the DNA translocator and type IV pili from. <b>2019</b> , 9, 4-17	8
115	Host and Viral Proteins Modulating Ebola and Marburg Virus Egress. <i>Viruses</i> , <b>2019</b> , 11,	6.2 14

114	The regulation of Endosomal Sorting Complex Required for Transport and accessory proteins in multivesicular body sorting and enveloped viral budding - An overview. <b>2019</b> , 127, 1-11	24
113	Proteins Regulating Microvesicle Biogenesis and Multidrug Resistance in Cancer. <b>2019</b> , 19, e1800165	29
112	Interactions in the ESCRT-III network of the yeast <i>Saccharomyces cerevisiae</i> . <b>2019</b> , 65, 607-619	9
111	The many functions of ESCRTs. <b>2020</b> , 21, 25-42	267
110	The ESCRTs - converging on mechanism. <b>2020</b> , 133,	13
109	Plasma Membrane Protein Nce102 Modulates Morphology and Function of the Yeast Vacuole. <b>2020</b> , 10,	2
108	AMPA Receptor Surface Expression Is Regulated by S-Nitrosylation of Thorase and Transnitrosylation of NSF. <b>2020</b> , 33, 108329	4
107	Human ESCRT-III polymers assemble on positively curved membranes and induce helical membrane tube formation. <i>Nature Communications</i> , <b>2020</b> , 11, 2663	17.4 27
106	The ubiquitin hydrolase Doa4 directly binds Snf7 to inhibit recruitment of ESCRT-III remodeling factors in. <b>2020</b> , 133,	4
105	The Role of Secretory Pathways in Pathogenesis. <b>2020</b> , 6,	11
104	ESCRT-III/Vps4 Controls Heterochromatin-Nuclear Envelope Attachments. <b>2020</b> , 53, 27-41.e6	31
103	ESCRT-dependent protein sorting is required for the viability of yeast clathrin-mediated endocytosis mutants. <i>Traffic</i> , <b>2020</b> , 21, 430-450	5.7 2
102	The ESCRT System Plays an Important Role in the Germination in <i>Candida albicans</i> by Regulating the Expression of Hyphal-Specific Genes and the Localization of Polarity-Related Proteins. <b>2020</b> , 185, 439-454	1
101	The role of extracellular vesicles in skeletal muscle and systematic adaptation to exercise. <b>2021</b> , 599, 845-861	24
100	Lessons learned from CHMP2B, implications for frontotemporal dementia and amyotrophic lateral sclerosis. <b>2021</b> , 147, 105144	6
99	Shedding Light on Extracellular Vesicle Biogenesis and Bioengineering. <b>2020</b> , 8, 2003505	57
98	Rules for the self-assembly of ESCRT-III on endosomes.	1
97	VPS4B deficiency causes early embryonic lethality and induces signal transduction disorders of cell endocytosis. <b>2021</b> , 59, e23415	



96	Intravacuolar Pathogens Hijack Host Extracellular Vesicle Biogenesis to Secrete Virulence Factors. <b>2021</b> , 12, 662944		3
95	Heat Stress-Dependent Association of Membrane Trafficking Proteins With mRNPs Is Selective. <b>2021</b> , 12, 670499		1
94	Recycling of cell surface membrane proteins from yeast endosomes is regulated by ubiquitinated Ist1.		2
93	Inositol Signaling in the Basidiomycete Fungus. <b>2021</b> , 7,		2
92	Bro1 stimulates Vps4 to promote intraluminal vesicle formation during multivesicular body biogenesis. <i>Journal of Cell Biology</i> , <b>2021</b> , 220,	7.3	3
91	Adding Some "Splice" to Stress Eating: Autophagy, ESCRT and Alternative Splicing Orchestrate the Cellular Stress Response. <b>2021</b> , 12,		0
90	Characterisation of the Ubiquitin-ESCRT pathway in Asgard archaea sheds new light on origins of membrane trafficking in eukaryotes.		
89	The Role of Non-Immune Cell-Derived Extracellular Vesicles in Allergy. <b>2021</b> , 12, 702381		2
88	The Role of Exosome and the ESCRT Pathway on Enveloped Virus Infection. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	5
87	Isoflurane induces Art2-Rsp5-dependent endocytosis of Bap2 in yeast. <b>2021</b> , 11, 3090-3100		0
86	Interactions of ubiquitin and CHMP5 with the V domain of HD-PTP reveals role for regulation of Vps4 ATPase. <b>2021</b> , 32, ar42		0
85	The chromatin remodeler Chd1 supports MRX and Exo1 functions in resection of DNA double-strand breaks. <b>2021</b> , 17, e1009807		2
84	In vitro and in vivo methodologies for studying the Sigma 54-dependent transcription. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1276, 53-79	1.4	1
83	Opioid Receptor Trafficking. <b>2011</b> , 389-405		1
82	Lysosomal degradation products induce virulence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 6801-6810	11.5	16
81	HIV-1 Gag release from yeast reveals ESCRT interaction with the Gag N-terminal protein region. <b>2020</b> , 295, 17950-17972		2
80	Simple non-mammalian systems. <b>2004</b> , 231-256		1
79	Essential roles of class E Vps proteins for sorting into multivesicular bodies in <i>Schizosaccharomyces pombe</i> . <b>2007</b> , 153, 2753-2764		26

78	Accessory ESCRT-III proteins selectively regulate Rab11-exosome biogenesis in <i>Drosophila</i> secondary cells.	4
77	ATP-dependent force generation and membrane scission by ESCRT-III and Vps4.	3
76	ESCRT-III/Vps4 controls heterochromatin-nuclear envelope attachments.	2
75	Vps4 triggers sequential subunit exchange in ESCRT-III polymers that drives membrane constriction and fission.	8
74	Human ESCRT-III Polymers Assemble on Positively Curved Membranes and Induce Helical Membrane Tube Formation.	2
73	Disease-related phenotypes in a <i>Drosophila</i> model of hereditary spastic paraplegia are ameliorated by treatment with vinblastine. <b>2005</b> , 115, 3026-34	78
72	Two domains of p80 katanin regulate microtubule severing and spindle pole targeting by p60 katanin. <b>2000</b> , 113, 1623-1633	102
71	End13p/Vps4p is required for efficient transport from early to late endosomes in <i>Saccharomyces cerevisiae</i> . <b>2001</b> , 114, 1935-1947	21
70	CHMP1 is a novel nuclear matrix protein affecting chromatin structure and cell-cycle progression. <b>2001</b> , 114, 2383-2393	80
69	CHMP1 functions as a member of a newly defined family of vesicle trafficking proteins. <b>2001</b> , 114, 2395-2404	110
68	Katanin inhibition prevents the redistribution of $\beta$ -tubulin at mitosis. <b>2002</b> , 115, 1083-1092	59
67	AMSH, an ESCRT-III associated enzyme, deubiquitinates cargo on MVB/late endosomes. <b>2007</b> , 31, 159-72	44
66	The Mammalian Orthologs of <i>Drosophila</i> Lgd, CC2D1A and CC2D1B, Function in the Endocytic Pathway, but Their Individual Loss of Function Does Not Affect Notch Signalling. <b>2015</b> , 11, e1005749	18
65	Mutations in CHMP2B in lower motor neuron predominant amyotrophic lateral sclerosis (ALS). <b>2010</b> , 5, e9872	170
64	Crenarchaeal CdvA forms double-helical filaments containing DNA and interacts with ESCRT-III-like CdvB. <b>2011</b> , 6, e21921	35
63	Genome-scale modeling of the protein secretory machinery in yeast. <b>2013</b> , 8, e63284	57
62	Structure of cellular ESCRT-III spirals and their relationship to HIV budding. <i>ELife</i> , <b>2014</b> , 3,	8.9 92
61	ULK3 regulates cytokinetic abscission by phosphorylating ESCRT-III proteins. <i>ELife</i> , <b>2015</b> , 4, e06547	8.9 61

60	The coordinated action of the MVB pathway and autophagy ensures cell survival during starvation. <i>ELife</i> , <b>2015</b> , 4, e07736	8.9	71
59	A SPOPL/Cullin-3 ubiquitin ligase complex regulates endocytic trafficking by targeting EPS15 at endosomes. <i>ELife</i> , <b>2016</b> , 5, e13841	8.9	39
58	ESCRT-III drives the final stages of CUPS maturation for unconventional protein secretion. <i>ELife</i> , <b>2016</b> , 5,	8.9	39
57	Electrostatic lateral interactions drive ESCRT-III heteropolymer assembly. <i>ELife</i> , <b>2019</b> , 8,	8.9	23
56	Protein trafficking. <b>2004</b> , 224-283		
55	Ubiquitin and Protein Sorting to the Lysosome. 76-102		
54	Protein Sorting to the Lysosome. 76		
53	ESCRT-Dependent Sorting in Late Endosomes. <b>2012</b> , 249-270		
52	HIV-1 Budding. <b>2013</b> , 123-151		
51	Sendai Virus Biology and Engineering Leading up to the Development of a Novel Class of Expression Vector. <b>2013</b> , 21-68		
50	Chm7 and Heh1 form a nuclear envelope subdomain for nuclear pore complex quality control.		
49	Structural Basis for Katanin Self-Assembly.		
48	Biochemical Approaches to Studying <i>Caenorhabditis elegans</i> ESCRT Functions In Vitro. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1998, 189-202	1.4	
47	Crystallization and Biophysical Approaches for Studying the Interactions Between the Vps4-MIT Domain and ESCRT-III Proteins. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1998, 175-187	1.4	
46	Bro1 stimulates Vps4 activity to promote Intraluminal Vesicle Formation during Multivesicular Body biogenesis.		
45	The ESCRT machinery regulates retromer-dependent transcytosis of septate junction components in. <i>ELife</i> , <b>2020</b> , 9,	8.9	1
44	Lethal (2) giant discs (Lgd)/CC2D1 is required for the full activity of the ESCRT machinery. <i>BMC Biology</i> , <b>2020</b> , 18, 200	7.3	2
43	Protein Sorting in Endosomes. <b>2006</b> , 76-88		

- 42 Involvement of AAA ATPase AipA in endocytosis of the arginine permease AoCan1 depending on AoAbp1 in *Aspergillus oryzae*.. *Fungal Biology*, **2022**, 126, 149-161 2.8
- 41 Hepatitis C virus (HCV)-induced ROS/JNK signaling pathway activates the E3 ubiquitin ligase Itch to promote the release of HCV particles via polyubiquitylation of VPS4A.. *Journal of Virology*, **2022**, JVI0181121 6.6 0
- 40 Bro1 binds the Vps20 subunit of ESCRT-III and promotes ESCRT-III regulation by Doa4.. *Traffic*, **2021**, 22, 103-115 5.7
- 39 Reconstitution reveals friction-driven membrane scission by the human ESCRT-III proteins CHMP1B and IST1. 3
- 38 ATPase activity of *B. subtilis* RecA affects the dynamic formation of RecA filaments at DNA double strand breaks. 0
- 37 Stepwise remodelling and subcompartment formation in individual vesicles by three ESCRT-III proteins. 0
- 36 Characterization of Bovine Foamy Virus Gag Late Assembly Domain Motifs and Their Role in Recruiting ESCRT for Budding.. *Viruses*, **2022**, 14, 103-115 6.2 0
- 35 Conserved Pib2 regions have distinct roles in TORC1 regulation at the vacuole. 0
- 34 The HOPS tethering complex is required to maintain signaling endosome identity and TORC1 activity.. *Journal of Cell Biology*, **2022**, 221, 103-115 7.3 2
- 33 *Toxoplasma* scavenges mammalian host organelles through usurpation of host ESCRT-III and Vps4. 0
- 32 Image1.TIF. **2018**,
- 31 Image\_1.TIF. **2019**,
- 30 Image\_2.TIF. **2019**,
- 29 Image\_3.TIF. **2019**,
- 28 Table\_1.DOC. **2019**,
- 27 Video\_1.MP4. **2019**,
- 26 Video\_2.MP4. **2019**,
- 25 Video\_3.MP4. **2019**,

24	Video_4.MP4. <b>2019</b> ,		
23	Video_5.MP4. <b>2019</b> ,		
22	Video_6.MP4. <b>2019</b> ,		
21	Modulation of the endosomal pathway for optimized response to drought stress: from model to crop plants. <i>Bodenkultur</i> , <b>2021</b> , 72, 57-72	0.3	
20	IKK $\gamma$ /NEMO Localization into Multivesicular Bodies. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6778	6.3	0
19	Asgard archaea shed light on the evolutionary origins of the eukaryotic ubiquitin-ESCRT machinery. <i>Nature Communications</i> , <b>2022</b> , 13,	17.4	1
18	Microdomain Protein Nce102 Is a Local Sensor of Plasma Membrane Sphingolipid Balance. <i>Microbiology Spectrum</i> ,	8.9	0
17	Friction-driven membrane scission by the human ESCRT-III proteins CHMP1B and IST1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119,	11.5	2
16	Conserved Pib2 regions have distinct roles in TORC1 regulation at the vacuole.		1
15	ESCRT-mediated plasma membrane shaping. <b>2023</b> , 91-103		0
14	ESCRTing Around the Cell. <b>2022</b> ,		0
13	Recycling of cell surface membrane proteins from yeast endosomes is regulated by ubiquitinated Ist1. <b>2022</b> , 221,		1
12	The patterned assembly and stepwise Vps4-mediated disassembly of composite ESCRT-III polymers drives archaeal cell division.		0
11	Protein arginine phosphorylation and de-phosphorylation facilitate protein homeostasis by an AAA+ chaperone protease system.		0
10	ATPase Activity of Bacillus subtilis RecA Affects the Dynamic Formation of RecA Filaments at DNA Double Strand Breaks.		0
9	Combination of Stable Isotope Labeling by Amino Acids in Cell Culture (SILAC) and Substrate Trapping for the Detection of Transient Protein Interactions. <b>2023</b> , 219-234		0
8	Stepwise remodeling and subcompartment formation in individual vesicles by three ESCRT-III proteins. <b>2023</b> , 26, 105765		0
7	Dissection of Functional Domains of Orc1-2, the Archaeal Global DNA Damage-Responsive Regulator. <b>2022</b> , 23, 14609		0

- 6 The NTPase Activity of the Double FYVE Domain Containing Protein 1 (DFCP1) Regulates Lipid Droplet Metabolism. **2022**, 102830
- 5 Exosomes as smart drug delivery vehicles for cancer immunotherapy. 13,
- 4 Toxoplasma scavenges mammalian host organelles through the usurpation of host ESCRT-III and Vps4.
- 3 Structure and dynamics of ESCRT-III membrane remodeling proteins by high-speed atomic force microscopy. **2023**, 299, 104575
- 2 Accessory ESCRT-III proteins are conserved and selective regulators of Rab11a-exosome formation. **2023**, 12,
- 1 The patterned assembly and stepwise Vps4-mediated disassembly of composite ESCRT-III polymers drives archaeal cell division. **2023**, 9,