Josep Rizo

List of Publications by Year in Descending Order

151 papers	16,264 citations	69 h-index	126 g-index
225 ext. papers	18,594 ext. citations	11.9 avg, IF	6.68 L-index

#	Paper	IF	Citations
151	Poly-glutamine-dependent self-association as a potential mechanism for regulation of androgen receptor activity.. *PLoS ONE*, **2022**, 17, e0258876	3.7	0
150	Molecular Mechanisms Underlying Neurotransmitter Release.. *Annual Review of Biophysics*, **2022**,	21.1	7
149	Computed structures of core eukaryotic protein complexes. *Science*, **2021**, 374, eabm4805	33.3	51
148	Control of neurotransmitter release by two distinct membrane-binding faces of the Munc13-1 CCB region. *ELife*, **2021**, 10,	8.9	4
147	Molecular machinery turns full circle. *ELife*, **2021**, 10,	8.9	1
146	Synaptotagmin-1-, Munc18-1-, and Munc13-1-dependent liposome fusion with a few neuronal SNAREs. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
145	Evaluation of the tert-butyl group as a probe for NMR studies of macromolecular complexes. *Journal of Biomolecular NMR*, **2021**, 75, 347-363	3	0
144	Structural and mechanistic insights into secretagogin-mediated exocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 6559-6570	11.5	9
143	A partially disordered region connects gene repression and activation functions of EZH2. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 16992-17002	11.5	13
142	Re-examining how Munc13-1 facilitates opening of syntaxin-1. *Protein Science*, **2020**, 29, 1440-1458	6.3	9
141	Analysis of asymmetry in lipid and content mixing assays with reconstituted proteoliposomes containing the neuronal SNAREs. *Scientific Reports*, **2020**, 10, 2907	4.9	
140	Ca-dependent release of synaptotagmin-1 from the SNARE complex on phosphatidylinositol 4,5-bisphosphate-containing membranes. *ELife*, **2020**, 9,	8.9	14
139	Synaptotagmin-1 and Doc2b Exhibit Distinct Membrane-Remodeling Mechanisms. *Biophysical Journal*, **2020**, 118, 643-656	2.9	7
138	Open syntaxin overcomes exocytosis defects of diverse mutants in C. elegans. *Nature Communications*, **2020**, 11, 5516	17.4	4
137	Munc18-1 is crucial to overcome the inhibition of synaptic vesicle fusion by αSNAP. *Nature Communications*, **2019**, 10, 4326	17.4	20
136	Histone lysine demethylase KDM4B regulates the alternative splicing of the androgen receptor in response to androgen deprivation. *Nucleic Acids Research*, **2019**, 47, 11623-11636	20.1	20
135	Multiple factors maintain assembled trans-SNARE complexes in the presence of NSF and αSNAP. *ELife*, **2019**, 8,	8.9	28

134	Membrane bridging by Munc13-1 is crucial for neurotransmitter release. *ELife*, **2019**, 8,	8.9	40
133	Author response: Membrane bridging by Munc13-1 is crucial for neurotransmitter release **2019**,		2
132	RIM CB Domains Target Presynaptic Active Zone Functions to PIP-Containing Membranes. *Neuron*, **2018**, 98, 335-349.e7	13.9	35
131	Roles of the fission yeast UNC-13/Munc13 protein Ync13 in late stages of cytokinesis. *Molecular Biology of the Cell*, **2018**, 29, 2259-2279	3.5	7
130	Mechanism of neurotransmitter release coming into focus. *Protein Science*, **2018**, 27, 1364-1391	6.3	96
129	A cascade of multiple proteins and lipids catalyzes membrane fusion. *Molecular Biology of the Cell*, **2017**, 28, 707-711	3.5	51
128	Simultaneous lipid and content mixing assays for in vitro reconstitution studies of synaptic vesicle fusion. *Nature Protocols*, **2017**, 12, 2014-2028	18.8	12
127	Exceptionally tight membrane-binding may explain the key role of the synaptotagmin-7 CA domain in asynchronous neurotransmitter release. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E8518-E8527	11.5	21
126	Heterodimerization of Munc13 CA domain with RIM regulates synaptic vesicle docking and priming. *Nature Communications*, **2017**, 8, 15293	17.4	46
125	UNC-18 and Tomosyn Antagonistically Control Synaptic Vesicle Priming Downstream of UNC-13 in. *Journal of Neuroscience*, **2017**, 37, 8797-8815	6.6	18
124	Mechanistic insights into neurotransmitter release and presynaptic plasticity from the crystal structure of Munc13-1 CCBMUN. *ELife*, **2017**, 6,	8.9	68
123	Autoinhibition of Munc18-1 modulates synaptobrevin binding and helps to enable Munc13-dependent regulation of membrane fusion. *ELife*, **2017**, 6,	8.9	39
122	Reconciling isothermal titration calorimetry analyses of interactions between complexin and truncated SNARE complexes. *ELife*, **2017**, 6,	8.9	8
121	Preparation and Characterization of Stable □Synuclein Lipoprotein Particles. *Journal of Biological Chemistry*, **2016**, 291, 8516-27	5.4	40
120	Functional synergy between the Munc13 C-terminal C1 and C2 domains. *ELife*, **2016**, 5,	8.9	63
119	Sequence-specific assignment of methyl groups from the neuronal SNARE complex using lanthanide-induced pseudocontact shifts. *Journal of Biomolecular NMR*, **2016**, 66, 281-293	3	8
118	The Synaptic Vesicle Release Machinery. *Annual Review of Biophysics*, **2015**, 44, 339-67	21.1	214
117	KDM4/JMJD2 Histone Demethylase Inhibitors Block Prostate Tumor Growth by Suppressing the Expression of AR and BMYB-Regulated Genes. *Chemistry and Biology*, **2015**, 22, 1185-96		51

116	Dynamic binding mode of a Synaptotagmin-1-SNARE complex in solution. *Nature Structural and Molecular Biology*, **2015**, 22, 555-64	17.6	99
115	Syntaxin opening by the MUN domain underlies the function of Munc13 in synaptic-vesicle priming. *Nature Structural and Molecular Biology*, **2015**, 22, 547-54	17.6	103
114	Mixed lineage kinase domain-like protein MLKL causes necrotic membrane disruption upon phosphorylation by RIP3. *Molecular Cell*, **2014**, 54, 133-146	17.6	899
113	Antibacterial membrane attack by a pore-forming intestinal C-type lectin. *Nature*, **2014**, 505, 103-7	50.4	200
112	A plug release mechanism for membrane permeation by MLKL. *Structure*, **2014**, 22, 1489-500	5.2	140
111	Structure and Ca□+-binding properties of the tandem C□domains of E-Syt2. *Structure*, **2014**, 22, 269-80	5.2	33
110	Re-examining how complexin inhibits neurotransmitter release. *ELife*, **2014**, 3, e02391	8.9	49
109	Synaptic vesicle fusion without SNARE transmembrane regions. *Developmental Cell*, **2013**, 27, 124-126	10.2	4
108	Reconstitution of the vital functions of Munc18 and Munc13 in neurotransmitter release. *Science*, **2013**, 339, 421-5	33.3	261
107	Subtle Interplay between synaptotagmin and complexin binding to the SNARE complex. *Journal of Molecular Biology*, **2013**, 425, 3461-75	6.5	33
106	Analysis of SNARE complex/synaptotagmin-1 interactions by one-dimensional NMR spectroscopy. *Biochemistry*, **2013**, 52, 3446-56	3.2	21
105	Prevalent mechanism of membrane bridging by synaptotagmin-1. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, E3243-52	11.5	42
104	Cell biology. Staging membrane fusion. *Science*, **2012**, 337, 1300-1	33.3	9
103	The membrane fusion enigma: SNAREs, Sec1/Munc18 proteins, and their accomplices--guilty as charged?. *Annual Review of Cell and Developmental Biology*, **2012**, 28, 279-308	12.6	304
102	Enlightening molecular mechanisms through study of protein interactions. *Journal of Molecular Cell Biology*, **2012**, 4, 270-83	6.3	23
101	RIM proteins tether Ca2+ channels to presynaptic active zones via a direct PDZ-domain interaction. *Cell*, **2011**, 144, 282-95	56.2	399
100	NMR structure and calcium-binding properties of the tellurite resistance protein TerD from Klebsiella pneumoniae. *Journal of Molecular Biology*, **2011**, 405, 1188-201	6.5	13
99	Munc13 mediates the transition from the closed syntaxin-Munc18 complex to the SNARE complex. *Nature Structural and Molecular Biology*, **2011**, 18, 542-9	17.6	223

98	The crystal structure of a Munc13 C-terminal module exhibits a remarkable similarity to vesicle tethering factors. *Structure*, **2011**, 19, 1443-55	5.2	68
97	Synaptic vesicle exocytosis. *Cold Spring Harbor Perspectives in Biology*, **2011**, 3,	10.2	316
96	Reluctance to membrane binding enables accessibility of the synaptobrevin SNARE motif for SNARE complex formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 12723-8	11.5	36
95	Membrane bridging and hemifusion by denaturated Munc18. *PLoS ONE*, **2011**, 6, e22012	3.7	15
94	Munc13 C2B domain is an activity-dependent Ca2+ regulator of synaptic exocytosis. *Nature Structural and Molecular Biology*, **2010**, 17, 280-8	17.6	163
93	Binding of the complexin N terminus to the SNARE complex potentiates synaptic-vesicle fusogenicity. *Nature Structural and Molecular Biology*, **2010**, 17, 568-75	17.6	87
92	Binding of Munc18-1 to synaptobrevin and to the SNARE four-helix bundle. *Biochemistry*, **2010**, 49, 1568-76	3.6	76
91	At the junction of SNARE and SM protein function. *Current Opinion in Cell Biology*, **2010**, 22, 488-95	9	127
90	Structural and mutational analysis of functional differentiation between synaptotagmins-1 and -7. *PLoS ONE*, **2010**, 5, e12544	3.7	23
89	Differential but convergent functions of Ca2+ binding to synaptotagmin-1 C2 domains mediate neurotransmitter release. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 16469-74	11.5	77
88	Munc18-1 binding to the neuronal SNARE complex controls synaptic vesicle priming. *Journal of Cell Biology*, **2009**, 184, 751-64	7.3	126
87	Remote homology between Munc13 MUN domain and vesicle tethering complexes. *Journal of Molecular Biology*, **2009**, 391, 509-17	6.5	59
86	Synaptic vesicle fusion. *Nature Structural and Molecular Biology*, **2008**, 15, 665-74	17.6	390
85	The Janus-faced nature of the C(2)B domain is fundamental for synaptotagmin-1 function. *Nature Structural and Molecular Biology*, **2008**, 15, 1160-8	17.6	97
84	A dynamic t-SNARE complex. *Structure*, **2008**, 16, 163-5	5.2	3
83	Conformational switch of syntaxin-1 controls synaptic vesicle fusion. *Science*, **2008**, 321, 1507-10	33.3	210
82	Binding of the Munc13-1 MUN domain to membrane-anchored SNARE complexes. *Biochemistry*, **2008**, 47, 1474-81	3.2	80
81	Genetic analysis of synaptotagmin-7 function in synaptic vesicle exocytosis. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 3986-91	11.5	77

80	Insights into mad2 regulation in the spindle checkpoint revealed by the crystal structure of the symmetric mad2 dimer. *PLoS Biology*, **2008**, 6, e50	9.7	71
79	NMR analysis of the closed conformation of syntaxin-1. *Journal of Biomolecular NMR*, **2008**, 41, 43-54	3	44
78	Crystal structure of the RIM1alpha C2B domain at 1.7 A resolution. *Biochemistry*, **2007**, 46, 8988-98	3.2	16
77	Distinct domains of complexin I differentially regulate neurotransmitter release. *Nature Structural and Molecular Biology*, **2007**, 14, 949-58	17.6	155
76	Munc18-1 binds directly to the neuronal SNARE complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 2697-702	11.5	257
75	Complexin/synaptotagmin interplay controls acrosomal exocytosis. *Journal of Biological Chemistry*, **2007**, 282, 26335-43	5.4	58
74	Dual modes of Munc18-1/SNARE interactions are coupled by functionally critical binding to syntaxin-1 N terminus. *Journal of Neuroscience*, **2007**, 27, 12147-55	6.6	110
73	p31comet blocks Mad2 activation through structural mimicry. *Cell*, **2007**, 131, 744-55	56.2	157
72	A quaternary SNARE-synaptotagmin-Ca2+-phospholipid complex in neurotransmitter release. *Journal of Molecular Biology*, **2007**, 367, 848-63	6.5	98
71	Unraveling the mechanisms of synaptotagmin and SNARE function in neurotransmitter release. *Trends in Cell Biology*, **2006**, 16, 339-50	18.3	209
70	Illuminating membrane fusion. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 19611-2	11.5	6
69	Phosphatidylinositol phosphates as co-activators of Ca2+ binding to C2 domains of synaptotagmin 1. *Journal of Biological Chemistry*, **2006**, 281, 15845-52	5.4	90
68	SNARE-mediated lipid mixing depends on the physical state of the vesicles. *Biophysical Journal*, **2006**, 90, 2062-74	2.9	115
67	A complexin/synaptotagmin 1 switch controls fast synaptic vesicle exocytosis. *Cell*, **2006**, 126, 1175-87	56.2	349
66	Close membrane-membrane proximity induced by Ca(2+)-dependent multivalent binding of synaptotagmin-1 to phospholipids. *Nature Structural and Molecular Biology*, **2006**, 13, 209-17	17.6	205
65	Genetic analysis of synaptotagmin 2 in spontaneous and Ca2+-triggered neurotransmitter release. *EMBO Journal*, **2006**, 25, 2039-50	13	132
64	Rabphilin regulates SNARE-dependent re-priming of synaptic vesicles for fusion. *EMBO Journal*, **2006**, 25, 2856-66	13	88
63	Structural basis for a Munc13-1 homodimer to Munc13-1/RIM heterodimer switch. *PLoS Biology*, **2006**, 4, e192	9.7	84

62	Crystal structure of the RIM2 C2A-domain at 1.4 A resolution. *Biochemistry*, **2005**, 44, 13533-42	3.2	18
61	Intramolecular occlusion of the diacylglycerol-binding site in the C1 domain of munc13-1. *Biochemistry*, **2005**, 44, 1089-96	3.2	48
60	Three-dimensional structure of the rSly1 N-terminal domain reveals a conformational change induced by binding to syntaxin 5. *Journal of Molecular Biology*, **2005**, 346, 589-601	6.5	22
59	Are neuronal SNARE proteins Ca2+ sensors?. *Journal of Molecular Biology*, **2005**, 347, 145-58	6.5	19
58	Solution structure of the RIM1alpha PDZ domain in complex with an ELKS1b C-terminal peptide. *Journal of Molecular Biology*, **2005**, 352, 455-66	6.5	29
57	A minimal domain responsible for Munc13 activity. *Nature Structural and Molecular Biology*, **2005**, 12, 1017-8	17.6	150
56	A Munc13/RIM/Rab3 tripartite complex: from priming to plasticity?. *EMBO Journal*, **2005**, 24, 2839-50	13	186
55	Unexpected Ca2+-binding properties of synaptotagmin 9. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 2554-9	11.5	29
54	Conformation-specific binding of p31(comet) antagonizes the function of Mad2 in the spindle checkpoint. *EMBO Journal*, **2004**, 23, 3133-43	13	167
53	A conformational switch in the Piccolo C2A domain regulated by alternative splicing. *Nature Structural and Molecular Biology*, **2004**, 11, 45-53	17.6	74
52	The Mad2 spindle checkpoint protein has two distinct natively folded states. *Nature Structural and Molecular Biology*, **2004**, 11, 338-45	17.6	234
51	Structural basis for the evolutionary inactivation of Ca2+ binding to synaptotagmin 4. *Nature Structural and Molecular Biology*, **2004**, 11, 844-9	17.6	80
50	Three-dimensional structure of an independently folded extracellular domain of human amyloid-beta precursor protein. *Biochemistry*, **2004**, 43, 9583-8	3.2	34
49	A broken alpha -helix in folded alpha -Synuclein. *Journal of Biological Chemistry*, **2003**, 278, 15313-8	5.4	376
48	Convergence and divergence in the mechanism of SNARE binding by Sec1/Munc18-like proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 32-7	11.5	83
47	Endocytosis of synaptotagmin 1 is mediated by a novel, tryptophan-containing motif. *Traffic*, **2003**, 4, 468-78	5.7	25
46	Facile detection of protein-protein interactions by one-dimensional NMR spectroscopy. *Biochemistry*, **2003**, 42, 2774-80	3.2	42
45	Evidence for SNARE zippering during Ca2+-triggered exocytosis in PC12 cells. *Neuropharmacology*, **2003**, 45, 777-86	5.5	40

44	C2-Domains in Ca2+-Signaling **2003**, 95-100		
43	Structure/function analysis of Ca2+ binding to the C2A domain of synaptotagmin 1. *Journal of Neuroscience*, **2002**, 22, 8438-46	6.6	104
42	Synaptotagmin function in dense core vesicle exocytosis studied in cracked PC12 cells. *Nature Neuroscience*, **2002**, 5, 649-56	25.5	71
41	Snares and Munc18 in synaptic vesicle fusion. *Nature Reviews Neuroscience*, **2002**, 3, 641-53	13.5	433
40	How Tlg2p/syntaxin 16 SnaresSVps45. *EMBO Journal*, **2002**, 21, 3620-31	13	145
39	Three-dimensional structure of the complexin/SNARE complex. *Neuron*, **2002**, 33, 397-409	13.9	327
38	Role of electrostatic and hydrophobic interactions in Ca(2+)-dependent phospholipid binding by the C(2)A-domain from synaptotagmin I. *Diabetes*, **2002**, 51 Suppl 1, S12-8	0.9	34
37	The N-terminal domains of syntaxin 7 and vti1b form three-helix bundles that differ in their ability to regulate SNARE complex assembly. *Journal of Biological Chemistry*, **2002**, 277, 36449-56	5.4	51
36	Ca(2+)-binding mode of the C2A-domain of synaptotagmin. *Methods in Molecular Biology*, **2002**, 172, 305-16	1.4	1
35	Solution structure of the Vam7p PX domain. *Biochemistry*, **2002**, 41, 5956-62	3.2	36
34	NMR measurement of the off rate from the first calcium-binding site of the synaptotagmin I C2A domain. *FEBS Letters*, **2002**, 516, 93-6	3.8	22
33	The Mad2 spindle checkpoint protein undergoes similar major conformational changes upon binding to either Mad1 or Cdc20. *Molecular Cell*, **2002**, 9, 59-71	17.6	260
32	Sly1 binds to Golgi and ER syntaxins via a conserved N-terminal peptide motif. *Developmental Cell*, **2002**, 2, 295-305	10.2	159
31	Vam3p structure reveals conserved and divergent properties of syntaxins. *Nature Structural Biology* , **2001**, 8, 258-64		120
30	Synaptotagmin I functions as a calcium regulator of release probability. *Nature*, **2001**, 410, 41-9	50.4	731
29	The top loops of the C(2) domains from synaptotagmin and phospholipase A(2) control functional specificity. *Journal of Biological Chemistry*, **2001**, 276, 32288-92	5.4	20
28	Functional analysis of conserved structural elements in yeast syntaxin Vam3p. *Journal of Biological Chemistry*, **2001**, 276, 28598-605	5.4	43
27	Three-dimensional structure of the synaptotagmin 1 C2B-domain: synaptotagmin 1 as a phospholipid binding machine. *Neuron*, **2001**, 32, 1057-69	13.9	312

26	The C2B domain of synaptotagmin I is a Ca2+-binding module. *Biochemistry*, **2001**, 40, 5854-60	3.2	106
25	The relation of protein binding to function: what is the significance of munc18 and synaptotagmin binding to syntaxin 1, and where are the corresponding binding sites?. *European Journal of Cell Biology*, **2000**, 79, 377-82	6.1	27
24	Selective interaction of complexin with the neuronal SNARE complex. Determination of the binding regions. *Journal of Biological Chemistry*, **2000**, 275, 19808-18	5.4	134
23	Consensus bioactive conformation of cyclic GnRH antagonists defined by NMR and molecular modeling. *Journal of Medicinal Chemistry*, **2000**, 43, 819-28	8.3	33
22	Structure of the Janus-faced C2B domain of rabphilin. *Nature Cell Biology*, **1999**, 1, 106-12	23.4	60
21	NMR analysis of the structure of synaptobrevin and of its interaction with syntaxin. *Journal of Biomolecular NMR*, **1999**, 14, 203-7	3	69
20	Measurement of One Bond Dipolar Couplings through Lanthanide-Induced Orientation of a Calcium-Binding Protein. *Journal of the American Chemical Society*, **1999**, 121, 8947-8948	16.4	40
19	Ca2+ binding to synaptotagmin: how many Ca2+ ions bind to the tip of a C2-domain?. *EMBO Journal* , **1998**, 17, 3921-30	13	247
18	Three-dimensional structure of an evolutionarily conserved N-terminal domain of syntaxin 1A. *Cell*, **1998**, 94, 841-9	56.2	268
17	Solution structures of the Ca2+-free and Ca2+-bound C2A domain of synaptotagmin I: does Ca2+ induce a conformational change?. *Biochemistry*, **1998**, 37, 16106-15	3.2	201
16	Mechanism of phospholipid binding by the C2A-domain of synaptotagmin I. *Biochemistry*, **1998**, 37, 12395-403	3.2	162
15	The LDL receptor clustering motif interacts with the clathrin terminal domain in a reverse turn conformation. *Journal of Cell Biology*, **1998**, 142, 59-67	7.3	80
14	C2-domains, structure and function of a universal Ca2+-binding domain. *Journal of Biological Chemistry*, **1998**, 273, 15879-82	5.4	655
13	The evolutionary pressure to inactivate. A subclass of synaptotagmins with an amino acid substitution that abolishes Ca2+ binding. *Journal of Biological Chemistry*, **1997**, 272, 14314-9	5.4	138
12	Synaptotagmin-syntaxin interaction: the C2 domain as a Ca2+-dependent electrostatic switch. *Neuron*, **1997**, 18, 133-42	13.9	204
11	Cavity formation before stable hydrogen bonding in the folding of a beta-clam protein. *Nature Structural and Molecular Biology*, **1997**, 4, 883-6	17.6	58
10	Assignment of the 1H, 15N and 13C resonances of the calcium-free and calcium-bound forms of the first C2-domain of synaptotagmin I. *Journal of Biomolecular NMR*, **1997**, 10, 307-8	3	11
9	A Novel Conformation in a Highly Potent, Constrained Gonadotropin-Releasing Hormone Antagonist. *Journal of the American Chemical Society*, **1996**, 118, 970-976	16.4	14

8	Synaptotagmins: C2-domain proteins that regulate membrane traffic. *Neuron*, **1996**, 17, 379-88	13.9	409
7	1H and 15N resonance assignments and secondary structure of cellular retinoic acid-binding protein with and without bound ligand. *Journal of Biomolecular NMR*, **1994**, 4, 741-60	3	38
6	Conformation of a heptapeptide substrate bound to protein farnesyltransferase. *Biochemistry*, **1993**, 32, 12586-90	3.2	59
5	Constrained peptides: models of bioactive peptides and protein substructures. *Annual Review of Biochemistry*, **1992**, 61, 387-418	29.1	337
4	Conformational analysis of a highly potent, constrained gonadotropin-releasing hormone antagonist. 1. Nuclear magnetic resonance. *Journal of the American Chemical Society*, **1992**, 114, 2852-2859	16.4	36
3	Impact of a micellar environment on the conformations of two cyclic pentapeptides. *Biopolymers*, **1992**, 32, 1741-54	2.2	17
2	Cyclic pentapeptides as models for reverse turns: determination of the equilibrium distribution between type I and type II conformations of Pro-Asn and Pro-Ala beta-turns. *Biopolymers*, **1990**, 29, 263-87	2.2	87
1	Synaptotagmin-1 and Doc2b exhibit distinct membrane remodeling mechanisms		1