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      480      490      500      510      520      543
scBro1  .....ALNDQKENVTKLNKSSLVAAASNSDEKLFACVKPHIVEINLLN.DNGKIWKKFD.DTK
hsALIX  FKERWQRTPSNELYKLRLEGTFNFTVLDKAVQADGQVRECYQSHRDITIVLLCKPEPELNAIIPSANPAK

      550      560      570      580      590      600      610
scBro1  NDKILLELLKQVKGHAEEDRTIKERFSRNLSERLDEINNDITIKLLI.IKNGKSDVELKDTFEVTEKFEF
hsALIX  TMQGSQVVNVLKSLLSNLDEVKKEREGLENDLKSIVN..FDLMSKFLTALAQDGVINEEALSVTEDRQVYG

      620      630      640      650      660      670      680
scBro1  LSIRIEATLYKQSSMTDDIKAKLDIIFHLNFKDKSSGEEKFLEDKKNFFDKLQEAVKSFISDLPKG
hsALIX  GLTKVQESLKKQEGLNKNIQVSHQEFKMKKQ.....SNNEANLREEVLKNLATAVDNFVELVANLKEG

      690      700
scBro1  IEFYDSLFNMSRDLAER.....
hsALIX  TKFYNEITTEILVRFQNKCSDIVFAR

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Supple.Figure 1.

Amino acid alignments of sc Bro1 and hs Alix V domains  
according to Risler similarity scores matrices

Supplementary Table 1. Strains used in this study

Name	Genotype	Source/Reference
W303	MAT $\alpha$ ade2-1 can1-100 his3-12,16 leu2-3,112 trp1-1 ura3-1	Rothstein
Y795	W303 $\alpha$ , $\Delta$ rfu1::KanMX $\Delta$ vps4::LEU2	Kimura et al., 2014
Y1009	W303 $\alpha$ ; RFU1-3xFLAG::RFU1	This study
Y1119	W303 $\alpha$ ; RFU1-3xFLAG::RFU1, $\Delta$ bro1::HIS3	This study
Y1118	W303 $\alpha$ , $\Delta$ rfu1::KanMX $\Delta$ vps4::LEU2, $\Delta$ bro1::HIS3	This study
Y1140	W303 $\alpha$ ; $\Delta$ bro1::HIS3	This study
rim101 $\Delta$ 101	MAT $\alpha$ ura3-52 leu2 $\Delta$ 1 his3 $\Delta$ l200 rim101::HIS3	This study
FM201	MAT $\alpha$ ura3-52 leu2 $\Delta$ 1 his3 $\Delta$ 200 trp1 $\Delta$ 63 rim20::HIS3	Hayashi et al, 2005

Supplementary Table S2 Plasmids used in this study

Plasmids	Name	Proteins expressed	Characteristics	Source/References
pGCU10	GAL1p-GFP-tADH1	GFP	URA3, CEN	Kimata et al., (1997)
E798	YCplac22-RFU1p-RFU1-GFP	Rfu1-GFP	TRP1, CEN	This study
E744	pRFU1p-RFU1(1-200)-GFP	RFU1(1-200)-GFP	URA3, CEN	This study
pMALP2X	MBP	MBP		
E382	MBP-Rfu1(1-200)	MBP-Rfu1(1-200)		Kimura et al., (2009)
E827	MBP-RIM101(501-625)	MBP-Rim101(501-625)		This study
	MBP-RIM101(501-625,Y620A, P621A)	MBP-Rim101(501-625,Y620A, P621A)		This study
pGEX4T-3		GST		GE
E779	pGEX-Bro1-V Comp	GST-Bro1-V (361-720)		Kimura et al., (2014)
E831	pGEX-Bro1-V Comp(F687A)	GST-Bro1-V (361-720)F687A		This study
E829	pGEX-Bro1-V Comp(F677A)	GST-Bro1-V (361-720)F677A		This study
E828	pGEX-Bro1-V Comp(D680A, L681A)	GST-Bro1-V (361-720)D680A, L681A		This study
E838	pGEX-Rim20 V	GST-Rim20-V(330-661)		This study
E842	pGEX-Rim20 V(F623A)	GST-Rim20 V(330-661, F623A)		this study
	pGST2-Alix (360-702)	GST-Alix V(360-702)		Addgene
E813	pRS316-BRO1	Bro1	URA3, CEN	This study
E837	pRS316-BRO1(F687A)	Bro1(F687A)	URA3, CEN	this study
E846	pRS316-BRO1myc	Bro1-myc	URA3, CEN	This study
E851	pRS316-BRO1(F687A)myc	Bro1(F687A)-myc	URA3, CEN	This study
E847	pRS315-RIM20	Rim20	LEU2, CEN	This study
E854	pRS315-RIM20(F623A)	Rim20(F623A)	LEU2, CEN	This study
E848	pRS315-mycRIM20	Myc-Rim20	LEU2, CEN	This study
E855	pRS315-mycRIM20(F623A)	Myc-Rim20(F623A)	LEU2, CEN	This study
E860	LRIM101m1HApRS416	HA-Rim101	URA3	This study
E861	pRS416-HA-RIM101(Y620A, P621A)	HA-Rim101(Y620A, P621A)	URA3	This study

## Supplementary References

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