

Supplementary table I: co-localization of GFP-fused ABPs with actin bodies

<i>Gene</i>	<i>Exponential phase</i>		<i>Stationary phase</i>	
	signal	localization	signal	co-localization with actin bodies
ABP1	+++	P	++	Yes
ABP140	++	P + C	++	Yes
ARC15	+++	P	++	Partial
ARC18	+++	P	++	Partial
ARC19	+	P	ND	NA
ARC35	+++	P	++	Partial
ARP2	+++	P	++	Partial
BNI1	+/-	T + N	ND	NA
BNR1	+/-	N	ND	NA
BZZ1	+	P	ND	NA
CAP1	++	P	+++	Yes
CAP2	+++	P	+++	Yes
CRN1	+++	P	++	Partial
IQG1	+	N	ND	NA
LAS17	+	P	ND	NA
MYO1	++	N	+	No
MYO2	++	T + N	ND	NA
MYO3	+/-	P	ND	NA
MYO4	+/-	T + N	ND	NA
MYO5	++	P	+/-	No
PAN1	+++	P	+/-	No
PFY1	+++	Cytoplasm	++	NA
RVS167	+/-	P	+/-	No
SAC6	++	P	++	Yes
SCP1	+	P	ND	NA
SLA1	+++	P	+	No
SLA2	+++	P	+	No
SRV2	+	P	++	Partial
VRP1	+	P	ND	NA

P: patches; C: cables; T: bud tip; N: bud neck; ND: not detected; NA: not applicable.

Supplementary table II: Actin bodies formation in ABP mutants

Gene	Morphology after 7d	Actin Bodies
WT	WT	+
<i>abp1Δ</i>	WT	+
<i>abp140Δ</i>	WT	+
<i>aip1Δ</i>	WT	+
<i>arc18Δ</i>	Abnormal	-
<i>bni1Δ</i>	WT	+
<i>bnr1Δ</i>	WT	+
<i>bud6Δ</i>	WT	+/-
<i>bzz1Δ</i>	WT	+
<i>cap1Δ</i>	+/- WT	+/-
<i>cap2Δ</i>	+/- WT	+/-
<i>crn1Δ</i>	WT	+
<i>las17Δ</i>	Abnormal	+/-
<i>myo3Δ</i>	WT	+
<i>myo5Δ</i>	WT	+/-
<i>rvs161Δ</i>	Abnormal	+/-
<i>rvs167Δ</i>	Abnormal	+/-
<i>sac6Δ</i>	Abnormal	-
<i>scp1Δ</i>	WT	+
<i>sla1Δ</i>	WT	+
<i>sla2Δ</i>	WT	+
<i>tpm1Δ</i>	WT	+
<i>tpm2Δ</i>	WT	+
<i>twf1Δ</i>	WT	+/-

“-“: no actin body detected

“+/-“: actin bodies detected in less than 50% of the cells

“+“: actin bodies detected in more than 50% of the cells.

The experiment was done twice. More than 200 cells were counted in each experiment.

Supplementary table III: Effect of Lat-A on actin bodies disappearance upon cells re-feeding

	<i>Unstained cells</i>	<i>Depolarized cells</i>	<i>Cells with actin bodies after 15 min or more</i>	<i>Cells with actin bodies that disappeared and were replaced by depolarized actin patches after less than 15min</i>	<i>Cells with actin bodies that disappeared after less than 15min (No actin patches)</i>
+ fresh media	1 %	30 %	1 %	68 %	0 %
Pre-incubation with Lat-A (200 μ M)	11.5 %	0 %	87 %	1.5 %	0 %
Pre-incubation with Lat-A (200 μ M) then transfer into fresh media + Lat-A (200 μ M)	12 %	0.5 %	14 %	0 %	73.5 %

More than 200 cells were counted in each experiment.