Table S1. Plasmids used in this study.

Plasmid	Description	Reference
pcDNA3.1/Zeo(+)-B55α-HA	Cloned by PCR-based method; see the supplementary materials and methods	this study
pcDNA3.1/Zeo(+)-B55β-HA	Cloned by PCR-based method; see the supplementary materials and methods	this study
pcDNA3.1/Zeo(+)-B55βαβ-HA	Cloned by PCR-based method; see the supplementary materials and methods	this study
pcDNA3.1/Zeo(+)-B55β2-HA	Cloned by PCR-based method; see the supplementary materials and methods	this study
pcDNA5/TO-Flag-B55β2mut (RR168EE)	Provided by Dr. Stefan Strack, University of Iowa, USA	Dagda *et al*., 2003
pcDNA3.1/Zeo(+)-B55δ-HA	Cloned by PCR-based method; see the supplementary materials and methods	this study
pcDNA3.1/Zeo(+)-B56γ3-HA	Cloned by PCR-based method	Lee *et al*., 2010
pHM6-HA-PP2Acα	pHM6 with HA-tagged human PP2Acα	Chuang *et al*., 2000
pcDNA5/TO-Flag-α4	pcDNA5/TO with FLAG-tagged α4	McConnell et al., 2010
pcDNA5/TO-Flag-α4mut(R155E/K158D)	pcDNA5/TO with FLAG-tagged α4(R155E/K158D)	McConnell et al., 2010
pCMV5-small T wt	pCMV5 with SV40 Small t antigen	Sontag et al., 1993
pCMV5-small T mut	pCMV5 with mutant SV40 Small t antigen (1-110)	Sontag et al., 1993
pcDNAI/Amp YFP-N (1-158)	pcDNAI/Amp with YFP (1-158)	Hynes et al., 2004
pcDNAI/Amp YFP-C (159-238)	pcDNAI/Amp with YFP (159-238)	Hynes et al., 2004
pBiFC-bFosYC155	pCMV-HA-YFP-C(155-238) with bFos	Hu et al., 2002
pBiFC-bJunYN155	pFLAG-CMV2-YFP-N (1-154) with bJun	Hu et al., 2002
pFLAG-CMV2-YN	Derived from pBiFC-bFosYC155 by cutting out bFos	this study
pCMV-HA-YC	Derived from pBiFC-bFosYC155 by cutting out bFos	this study
pcDNAI-YN Aα (encoding YN-Aα)	pcDNAI/Amp YN with PP2A/Aα; see the supplementary materials and methods	this study
pcDNAI-YC Aα(encoding YC-Aα)	pcDNAI/Amp YN with PP2A/Aα; see the supplementary materials and methods	this study
pcDNAI-YN B55α-HA (encoding YN-B55α)	pcDNAI/Amp YN with HA-tagged PP2A/B55α; see the supplementary materials and methods	this study

pcDNAI-YC B55α-HA(encoding YC-B55α)	pcDNAI/Amp YC with HA-tagged PP2A/B55α; see the supplementary materials and methods	this study
pcDNAI-YN FLAG-B55β1(encoding YN-B55β1)	pcDNAI/Amp YN with FLAG-tagged PP2A/B55β1; see the supplementary materials and methods	this study
pcDNAI-YC FLAG-B55β1(encoding YC-B55β1)	pcDNAI/Amp YC with FLAG-tagged PP2A/B55β1; see the supplementary materials and methods	this study
pcDNAI-YN FLAG-B55β2(encoding YN-B55β2)	pcDNAI/Amp YN with FLAG-tagged PP2A/B55β2; see the supplementary materials and methods	this study
pcDNAI-YC FLAG-B55β2(encoding YC-B55β2)	pcDNAI/Amp YC with FLAG-tagged PP2A/B55β2; see the supplementary materials and methods	this study
pcDNAI-YN FLAG-B55βαβ(encoding YN-B55βαβ)	pcDNAI/Amp YN with FLAG-tagged PP2A/B55βαβ; see the supplementary materials and methods	this study
pcDNAI-YC FLAG-B55βαβ(encoding YC-B55βαβ)	pcDNAI/Amp YC with FLAG-tagged PP2A/B55βαβ; see the supplementary materials and methods	this study
pcDNAI-YN FLAG-B55β2mut(encoding YN-B55β2mut)	pcDNAI/Amp YN with FLAG-tagged PP2A/B55β2mut (RR168EE); see the supplementary materials and methods	this study
pcDNAI-YC FLAG-B55β2mut (encoding YC-B55β2mut)	pcDNAI/Amp YC with FLAG-tagged PP2A/B55β2mut (RR168EE); see the supplementary materials and methods	this study
pcDNAI-YN FLAG-B55δ(encoding YN-B55δ)	pcDNAI/Amp YN with FLAG-tagged PP2A/B55δ; see the supplementary materials and methods	this study
pcDNAI-YC FLAG-B55δ(encoding YC-B55δ)	pcDNAI/Amp YC with FLAG-tagged PP2A/B55δ; see the supplementary materials and methods	this study
pcDNAI-YN B56γ3-HA(encoding YN-B56γ3)	pcDNAI/Amp YN with HA-tagged PP2A/B56γ3; see the supplementary materials and methods	this study

pcDNAI-YC-B56γ3-HA(encoding YC -B56γ3)	pcDNAI/Amp YN with HA-tagged PP2A/ B56γ3; see the supplementary materials and methods	this study
pcDNAI-YN-PP2Acα(encoding YN-PP2Acα)	pcDNAI/Amp YN with PP2Acα; see the supplementary materials and methods	this study
pcDNAI-YC-PP2Acα(encoding YC-PP2Acα)	pcDNAI/Amp YC with PP2Acα; see the supplementary materials and methods	this study
pCMV2-FLAG-Aα-YN(encoding Aα-YN)	pCMV2-FLAG-YN with PP2A Aα	this study
pCMV-HA-Aα-YC(encoding Aα-YC)	pCMV-HA-YC with PP2A Aα	this study
pCMV2-FLAG-B55β1-YN(encoding B55β1-YN)	pCMV2-FLAG-YN with PP2A B55β1	this study
pCMV-B55β1-HA-YC(encoding B55β1-YC)	pCMV-HA-YC with PP2A B55β1	this study
pCMV2-FLAG-B55βαβ-YN(encoding B55βαβ-YN)	pCMV2-FLAG-YN with PP2A B55βαβ	this study
pCMV-B55βαβ-HA-YC(encoding B55βαβ-YC)	pCMV-HA-YC with PP2A B55βαβ	this study
pCMV2-FLAG-B55β2-YN(encoding B55β2-YN)	pCMV2-FLAG-YN with PP2A B55β2	this study
pCMV-B55β2-HA-YC(encoding B55β2-YC)	pCMV-HA-YC with PP2A B55β2	this study
pCMV2-FLAG-B55β2mut-YN(encoding B55β2mut -YN)	pCMV2-FLAG-YN with PP2A B55β2mut(RR168EE)	this study
pCMV-B55β2mut -HA-YC(encoding B55β2mut-YC)	pCMV-HA-YC with PP2A B55β2 mut (RR168EE)	this study
pCMV2-FLAG-B55δ-YN(encoding B55δ-YN)	pCMV2-FLAG-YN with PP2A B55δ	this study
pCMV-HA-B55δ-YC(encoding B55δ-YC)	pCMV-HA-YC with PP2A B55δ	this study
pCMV2-FLAG-PP2Acα-YN(encoding PP2Acα-YN)	pCMV2-FLAG-YN with PP2Acα	this study
pCMV-HA-PP2Acα-YC(encoding PP2Acα-YC)	pCMV-HA-YC with PP2Acα	this study
pcDNAI/Amp YN-MYC-α4(encoding YN-α4)	pcDNAI/Amp YN with MYC-tagged α4	this study
pcDNAI/Amp YC-α4mut(encoding YC-α4 mut)	pcDNAI/Amp YN with MYC-tagged α4mut (R155E/K158D)	this study

pCMV-MYC-α4-YC(encoding α4-YC)	pCMV-HA-YC with MYC tagged-α4	this study
pCMV-MYC-α4mut-YC(encoding α4mut-YC)	pCMV-HA-YC with MYC tagged-α4 mut(R155E/K158D)	this study
pECFP-C1-PP2Acα(encoding CFP-PP2Acα)	pECFP-C1 with PP2Acα	This study
pECFP-N1-FLAG-B55β2(encoding CFP-B55β2)	pECFP-N1 with FLAG-tagged B55β2	This study
pECFP-N1-FLAG-B55β2mut(encoding CFP-B55β2mut)	pECFP-N1 with FLAG-tagged B55β2 mut (RR168EE)	This study

Table S1 References

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