

Supplementary Table 2. List of plasmids used for the study.

Gene	Backbone	Tag	Mutation	Resource	Reference
CFL1	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
CHCHD3	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
EFHD2	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
KHDRBS1	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
LASPI	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
LIMA1	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
PPIL3	pCMV6-Entry	Flag-Myc	-	ORIGENE	-
STEEP	pCMV6-AC	-	-	ORIGENE	-
TBK1	pcDNA3	Flag	-	Soren R Paludan	-
TRIF	pcDNA3	-	-	Soren R Paludan	-
MAVS	pcDNA3	-	-	Soren R Paludan	-
cGAS	pcDNA3	Flag	-	Soren R Paludan	-
IRF3	pcDNA3	-	S396D, S398D, S402D, T404D, and S405D	Soren R Paludan	-
STING	pCMV-Tag 4	Flag	-	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	-	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	R7A	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	Y30A,C34A	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	R51A,D54A,V58A	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	E86A, C93A,C96A	Soren R Paludan	-
STEEP	pCMV6-AN-HA	HA	K149A,G152A,E166A, E168A,Y178A	Soren R Paludan	-
Ubiquitin	pRK5-HA	HA	K11 only	Ted Dawson	1
Ubiquitin	pRK5-HA	HA	K27 only	Ted Dawson	1
Ubiquitin	pRK5-HA	HA	K29 only	Ted Dawson	1
Ubiquitin	pRK5-HA	HA	K33 only	Ted Dawson	1
Ubiquitin	pRK5-HA	HA	K48 only	Ted Dawson	1
Ubiquitin	pRK5-HA	HA	K63 only	Ted Dawson	1
hVps34	pVitro2	His, V5	-	Jonathan Backer	2
hVps15	-	-	-	-	-
pCI-neo- HA-hAtg14	pCI-neo HA Ci3	HA	-	Noboru Mizushima	3
UVRAG	pRK5	HA	-	Do-Hyung Kim	4
Beclin 1	pRK5	HA	-	Do-Hyung Kim	5
Beclin 1	pCDNA4 - 3xflag	Flag	-	Qing Zhong	6
SAR1	pCMV6-Entry	Flag	-	ORIGENE	-
SAR1	pCMV6-Entry	Flag	H79G	Soren R Paludan	-
GFP ¹³³	pEGFP-N1	GFP	-	Christine M. Doucet	7
GFP-FYVE	peGFPC2	GFP	-	Harald Stenmark	8
MTMR3	mStrawberry-C2	mCherry	-	Takeshi Noda	9
MTMR3	mStrawberry-C2	mCherry	C143S	Takeshi Noda	9
STING	pcDNA3	Flag	-	Zhijian J Chen	10
STING	pcDNA3	Flag	R238A,240A	Zhijian J Chen	10
STING	pcDNA3	Flag	Q273A,Q277A	Zhijian J Chen	10
STING	pcDNA3	Flag	L374A, R375A	Zhijian J Chen	11
STING	pcDNA3	Flag	V155M	Zhijian J Chen	11
STING	pcDNA3	Flag	G158A	Zhijian J Chen	11
VSVG	pcDNA3	mCherry	-	Jacob G Mikkelsen	-

ATG14	pCMV3- GFPSpark	GFP	-	Sino Biological	-
UVRAG	pCMV3- GFPSpark	GFP	-	Sino Biological	-

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