

**Supplementary Table S1.** Strains and plasmids.

Strain/plasmid	Relevant properties <sup>a</sup>	Reference
<i>E. coli</i>		
TOP10		Invitrogen
<i>L. pneumophila</i>		
GS3011	<i>L. pneumophila</i> JR32 <i>icmT3011::Kan</i> <sup>R</sup> ( $\Delta$ <i>icmT</i> )	(1)
JR32	Virulent <i>L. pneumophila</i> serogroup 1 strain Philadelphia	(2)
<i>D. discoideum</i>		
Ax3		Laboratory collection
Ax2	PH-PLC $\delta$ 1-GFP	(3)
Plasmids		
pBsrH	P <sub>act15</sub> , C-terminal-mRFPmars, Bls <sup>R</sup>	(4)
pCln-GFP	P <sub>act15</sub> , cnxA-RSSSKLK-GFP (S65T), G418 <sup>R</sup>	(5)
pDXA-HC	<i>Dictyostelium</i> expression vector, P <sub>act15</sub> , Neo <sup>R</sup> , Amp <sup>R</sup>	(6)
pMMB207C	<i>Legionella</i> expression vector, $\Delta$ <i>mobA</i> , w/o RBS, Cam <sup>R</sup>	(7)
pNT28	pMMB207C-RBS-gfp (constitutive gfp)	(8)
pPH <sub>CRAC</sub> -GFP	PH <sub>CRAC</sub> -GFP (PH domain of protein CRAC), G418 <sup>R</sup>	(9)
pRM006	2×FYVE-GFP in pDXA (FYVE domain of EEA-1), G418 <sup>R</sup>	This work
pSU04	GFP-P4C <sub>SidC</sub> in pDXA, G418 <sup>R</sup>	(10)
pSW001	pMMB207C, $\Delta$ <i>lacI</i> <sup>q</sup> (constitutive dsred)	(11)
pSW102	MCS-gfp in pDXA, G418 <sup>R</sup>	(12)
pWS021	Calnexin-mRFPmars, Bls <sup>R</sup>	This work
pWS022	P4C <sub>SidC</sub> -mRFPmars (P4C domain of <i>L. pneumophila</i> SidC), Bls <sup>R</sup>	This work

<sup>a</sup> Abbreviations: Amp, ampicillin; Bls, blasticidin S; Cam, chloramphenicol; G418, geneticin; Kan, kanamycin; Neo, neomycin.

## References

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