

KEY RESOURCES TABLE

REAGENT or RESOURCE	SOURCE	IDENTIFIER
Antibodies		
anti-p40	[9]	N/A
6x-His tag monoclonal antibody (mouse)	ThermoFisher Scientific	Cat # PA1983B
alkaline-phosphatase-linked anti-mouse secondary antibody (goat)	Promega	Cat # S3271
Bacterial and Virus Strains		
BL21, Chemically Competent <i>E. coli</i> <i>F- ompT hsdSB (rBmB-) gal dcm (DE3)</i>	Invitrogen	Cat # C600003
Biological Samples		
Chemicals, Peptides, and Recombinant Proteins		
Yeast extract	Fisher Scientific	Cat # S80245-3
Tegosept (methyl 4-hydroxybenzoate)	Fisher Scientific	Cat # AC126961000
99.5% Ethanol	Fisher Scientific	Cat # 64-17-5
Nycodenz	Axell (Accurate)	Cat # AN1002423
Rhodamine-tagged Phalloidin	Invitrogen	Cat # R415
Hoechst 33258	Invitrogen	Cat # H3569
Vecta Shield	Vector Laboratories	Cat # H1300
Critical Commercial Assays		
POROS 20 R2 beads	Applied Biosystems	Cat # 1112906
C18 ZipTips	Millipore Sigma	Cat # ZTC18S096
DNeasy Blood & Tissue Kits	Qiagen	Cat # 69504
Deposited Data		
<i>Lh</i> 14 VLP proteomic data	This study	http://www.proteomexchange.org/ PRIDE: 10.6019/PXD005632
<i>Lh</i> NY VLP proteomic data	This study	http://www.proteomexchange.org/ PRIDE: 10.6019/PXD005639
Experimental Models: Cell Lines		
Experimental Models: Organisms/Strains		
<i>y w</i>	Bloomington Drosophila Stock Center	BL # 1495
<i>Dome-Meso-GFP</i>	[41]	N/A
<i>Leptopilina heterotoma</i> 14	[3]	N/A
<i>L. heterotoma</i> NY	[9]	N/A
<i>L. victorae</i>	[9]	N/A
<i>L. boulardi</i> 17	[3, 9]	N/A
Oligonucleotides		
Forward primer: p40 CD cloning atcgcggatccaagcagaataagaaaccaactgcagatga	This study	N/A

Reverse primer: p40 CD cloning taagccgaattcctaagtaattgtttctccaaggactactaacaatcac	This study	N/A
Forward primer: <i>Wolbachia</i> of <i>L. victoriae</i> <i>coxA</i> gene ttggrcratyaactttatag	This study	N/A
Reverse primer: <i>Wolbachia</i> of <i>L. victoriae</i> <i>coxA</i> gene ctaaagactttkacrcagct	This study	N/A
Forward primer: <i>Wolbachia</i> of <i>L. victoriae</i> <i>gatB</i> gene aaaaggggtcacttcgctgt	This study	N/A
Reverse primer: <i>Wolbachia</i> of <i>L. victoriae</i> <i>gatB</i> gene aggtagcaaatcaggttcaggg	This study	N/A
Forward primer: <i>Lh SmGTPase01</i> gene fragment caggactgtgtgcttaattctg	This study	N/A
Reverse primer: <i>Lh SmGTPase01</i> gene fragment gtagcctgaagatgcctacac	This study	N/A
Forward primer: <i>p40</i> gene fragment gtgatgatccaaaatgtaacgtgactg	This study	N/A
Reverse primer: <i>p40</i> gene fragment gaatggtctgttactgttctccaga	This study	N/A
Recombinant DNA		
pCR2.1-TOPO	Invitrogen	Cat # 450641
pTrcHisA	Invitrogen	Cat # V36020
Software and Algorithms		
Proteome Discoverer 1.4.0.288	ThermoFisher	Cat # IQLAAEGABSAKJ MAUH
Scaffold 4.7.3	Proteome Software Inc.	http://www.proteomesoftware.com/products/scaffold/
BLAST2GO v2.7.0	[44]	https://www.blast2go.com
InterproScan v5.3-46	[45]	https://www.ebi.ac.uk/interpro/
FastAnnotator	[46]	http://fastannotator.cgu.edu.tw
Conserved Domains Database	[49, 50]	https://www.ncbi.nlm.nih.gov/Structure/cdd/cdd.shtml
PFAM 26.0	[51]	http://pfam.xfam.org
GhostKOALA	[52]	http://www.kegg.jp/ghostkoala/
FunRich	[59]	http://www.funrich.org
MODELLER	[64]	https://salilab.org/modeller/
LOMETS	[66]	http://zhanglab.ccmb.med.umich.edu/LOMETS/
PHYRE2	[67]	http://www.sbg.bio.ic.ac.uk/phyre2/html/page.cgi?id=index
Loopy	[68]	http://honig.c2b2.colu.mbia.edu/loopy/
SCRWL4	[69]	http://dunbrack.fccc.edu/scwrl4/

Autodock Vina	[72]	http://vina.scripps.edu
ProSA-web	[76]	https://prosa.services.came.sbg.ac.at/prosa.php
Verify 3D	[77]	http://services.mbi.ucla.edu/Verify_3D/
STRIDE	[78]	http://webclu.bio.wzw.tum.de/stride/
ModRefiner	[84]	http://zhanglab.ccmb.med.umich.edu/ModRefiner/
DaliLITE	[85]	http://ekhidna.biocenter.helsinki.fi/dali_server/start
LSM Image Browser	Zeiss	https://www.zeiss.com/microscopy/us/downloads/lsm-5-series.html
Photoshop v12.0.4	Adobe	N/A
Photoshop CC 2015.5	Adobe	N/A
Illustrator CC 2015.3	Adobe	N/A
Other		
Sanger sequencing	Genewiz, South Plainfield, NJ	N/A