Table S2. Strains and Plasmids, Related to STAR Methods

strain ID (RAU###, pRAU###)	species	strain	genotype	plasmid	drug res.
1	*Lmo*	10403S	wt	-	-
3	*E. coli*	DH5a	-	pKSV7	amp_{100}
13	*Lmo*	SLCC2482	wt	-	-
14	*Lmo*	SLCC2540	wt	-	-
19	*Lmo*	J0161	wt	-	-
29	*E. coli*	DH5a	-	pKSV7-$S1_{J0161}$	amp_{100}
31	*E. coli*	DH5a	-	pKSV7-$S1_{10403S}$	amp_{100}
57	*Lmo*	10403S	ϕ10403S cure ($ComK^+$)	-	-
46	*E. coli*	DB3.1	-	pPL2xoeL	$chlor_{34}$
71	*Lmo*	10403S	ΔComK::ϕJ0161a	-	-
100	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag6	$chlor_{34}$
101	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag7	$chlor_{34}$
102	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag9	$chlor_{34}$
103	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag10	$chlor_{34}$
104	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag5	$chlor_{34}$
105	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag3	$chlor_{34}$
106	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag1	$chlor_{34}$
107	*E. coli*	DH5a	-	pKSV7-ΔCas9	amp_{100}
109	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag8	$chlor_{34}$
111	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag2	$chlor_{34}$
112	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU100	-	tet_2
113	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU101	-	tet_2
114	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU102	-	tet_2
115	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU103	-	tet_2
116	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU105	-	tet_2
117	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU106	-	tet_2
118	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU109	-	tet_2
120	*E. coli*	NEB5alpha	-	pPL2oexL-Cas9	$chlor_{34}$
123	*E. coli*	NEB5alpha	-	pPL2oexL-ϕJ0161a-frag4	$chlor_{34}$
128	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Thr}$::pRAU104	-	tet_2
130	*Lmo*	10403S	$ComK^+$, ΔCas9	-	-
142	*Lmo*	10403S	ΔComK::ϕJ0161a ΔCas9	-	-
144	*Lmo*	10403S	$ComK^+$, ΔCas9 Δ$tRNA^{Arg}$::pRAU120	-	tet_2
151	*Lmo*	10403S	ΔComK::ϕJ0161a ΔCas9 ΔtRNAArg::pRAU120	-	tet_2
153	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_03145	$chlor_{34}$
155	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_03146	$chlor_{34}$
157	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_03147	$chlor_{34}$
159	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU153	-	tet_2
160	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU155	-	tet_2
161	*Lmo*	10403S	$ComK^+$, Δ$tRNA^{Arg}$::pRAU157	-	tet_2
162	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_03148	$chlor_{34}$
165	*Lmo*	10403S	$ComK^+$, tRNAArg::pRAU162	-	tet_2
167	*E. coli*	DH5a	-	pBAD24	amp_{100}
168	*E. coli*	NEB5alpha	-	pBAD24-LMOG_03146	amp_{100}
171	*E. coli*	NEB5alpha	-	pBAD24-LMOG_03147	amp_{100}
173	*E. coli*	NEB5alpha	-	pBAD24-LMOG_03148	amp_{100}
233	*E. coli*	NEB5alpha	-	pKSV7-ΔLMOG_03146-7	amp_{100}
239	*Lmo*	10403S	$ComK^+$; tRNAArg::pCW3	-	tet_2

241	*Lmo*	10403S	ComK^{+}; tRNAArg::pCW7	-	tet_2
243	*Lmo*	10403S	ComK^{+}, tRNAArg::pCSW9	-	tet_2
246	*Lmo*	10403S	ΔComK::phi_J0161a ΔacrIIA1-2	-	-
257	*Lmo*	10403S	ComK^{+}; tRNAArg::pCSW29	-	tet_2
259	*Lmo*	10403S	ComK^{+}; tRNAArg::pCSW33	-	tet_2
260	*Lmo*	10403S	ComK^{+}; tRNAArg::pCSW35	-	tet_2

strain ID (CSW##, pCSW##)	species	strain	genotype	plasmid	drug res.
3	*E. coli*	NEB5alpha	-	pPL2oexL-lmoslcc2482_0685	$chlor_{34}$
7	*E. coli*	NEB5alpha	-	pPL2oexL-lmoslcc2540_1277	$chlor_{34}$
9	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_02993	$chlor_{34}$
13	*E. coli*	NEB5alpha	-	pBAD24- lmoslcc2482_0685	amp_{100}
18	*E. coli*	NEB5alpha	-	pBAD24-lmoslcc2540_1277	amp_{100}
21	*E. coli*	NEB5alpha	-	pBAD24-LMOG_02993	amp_{100}
26	*E. coli*	NEB5alpha	-	pBAD24- Axk13_03345	amp_{100}
29	*E. coli*	NEB5alpha	-	pPL2oexL-lmoslcc2482_0688	$chlor_{34}$
33	*E. coli*	NEB5alpha	-	pPL2oexL-lmoslcc2540_1278	$chlor_{34}$
35	*E. coli*	NEB5alpha	-	pPL2oexL-LMOG_02992	$chlor_{34}$
65	*E. coli*	NEB5alpha	-	pBAD24-lmoslcc2482_0688	amp_{100}

strain ID (MS##)	species	strain	genotype	plasmid	drug res.
101	*E. coli*	BW25113	-	-	
161	*E. coli*	BW25113	*nfsA::mrfp*	-	kan_{30}
243	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r	-	kan_{30}, $chlor_{20}$
270	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	-	kan_{30}, $gent_{10}$
271	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	-	kan_{30}, $chlor_{20}$, $gent_{10}$
270-262	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pBAD24	kan_{30}, $gent_{10}$, amp_{100}
270-168	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pRAU168	kan_{30}, $gent_{10}$, amp_{100}
270-171	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pRAU171	kan_{30}, $gent_{10}$, amp_{100}
270-173	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pRAU173	kan_{30}, $gent_{10}$, amp_{100}
270-13	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pCSW13	kan_{30}, $gent_{10}$, amp_{100}
270-18	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pCSW18	kan_{30}, $gent_{10}$, amp_{100}
270-21	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pCSW21	kan_{30}, $gent_{10}$, amp_{100}
270-26	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pCSW26	kan_{30}, $gent_{10}$, amp_{100}
270-65	*E. coli*	BW25113	*nfsA::mrfp* , *Tn7att::spy-dcas9*	pCSW29	kan_{30}, $gent_{10}$, amp_{100}
271-262	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pBAD24	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-168	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pRAU168	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-171	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pRAU171	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-173	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pRAU173	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-13	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pCSW13	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-18	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pCSW18	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-21	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pCSW21	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-26	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pCSW26	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}
271-65	*E. coli*	BW25113	*nfsA::mrfp* , *λatt* ::pCs550-r, *Tn7att::spy-dcas9*	pCSW29	kan_{30}, $chlor_{20}$, $gent_{10}$, amp_{100}

Table S3. Gene Sequence Information, Related to Figures 2, 3 and 5, STAR Methods and Table S2

ΦJ0161a Frag1 (reference plasmid)	Sequence	Locus tag	given name
pRAU106	ATGGATGACAAAATGGGAAAAACTTATTGGTACAATGAAGGAACTGACACACTGTTAACTGAAAAGGAATATAAAGCA	LMOG_03145	orfB acrIIA1 acrIIA2 orfA
	AAAATTGAAAGTGAAGCAAAAGAATGGTTAGAAGACTTGCAAGAAGATGAAGAAGAACTTGAAGAGGGTGACAAAAC	LMOG_03146	
	TAGCCTCGAAACACTCATACAGTTATCGTATGAAAACGAAAGTGATTTTGTTCCATCTGATAGCGAAGGTAATAAATT	LMOG_03147	
	AGAAGAGTGGTAAAAATATAAAACATAAAGGATGATGAAAAATGACATTAACAAGAGCACAAAAAAAGTATGCAGAAG	LMOG_03148	
	CGATGCACGAGTTTATAAATATGGTGGATGACTTTGAAGAGTCTACACCGGATTTTGCAAAGGAAGTTCTACATGATT		
	CTGACTATGTAGTTATTACAAAAAATGAAAAATATGCAGTAGCTCTTTGCTCTCTTAGCACTGATGAATGTGAATATGA		
	TACTAACTTATACTTAGATGAAAAATTGGTTGATTACTCAACAGTTGACGTAAACGGTGTGACATACTACATCAACATT		
	GTTGAAACTAACGATATCGATGATTTAGAAATCGCTACGGATGAAGATGAGATGAAAAGTGGCAACCAAGAAATTATT		
	TTAAAAAGTGAGTTGAAGTAAAAAATATGACTATTAAATTATTAGATGAATTCTTAAAAAAGCATGATTTGACGAGGTA		
	TCAGTTAAGCAAATTAACTGGTATCTCACAAAACACTTTAAAAGACCAGAACGAAAAACCGTTAAATAAATATACTGTT		
	TCAATACTACGCTCGCTATCGTTGATTTCGGGTTTATCTGTATCAGATGTTTTGTTTGAATTAGAAGACATAGAAAAAA		
	ATTCTGACGATCTTGCAGGATTTAAACACCTGTTAGACAAGTACAAACTCTCATTTCCTGCACAAGAATTCGAATTAT		
	ACTGCTTAATCAAAGAGTTTGAGTCTGCTAATATTGAAGTACTTCCTTTTACGTTCAATAGATTTGAAAACGAAGAACA		
	TGTAAATATAAAAAAAGATGTTTGTAAAGCGTTAGAAAATGCTATCACCGTGTTAAAAGAGAAGAAAAATGAGTTACTT		
	TGATAAGTTTAAAAGGAAGTGACACTAGTGAACAATCATGTTATAGATTTGACAAATAAGAAATTTGGAAGATTAACA		
	GTTAAAGAGTTTGTTCGTTCTGAAAATGGTAACGCGTTATGGAACTGTTTTTGTGTATGCGGCAATGAAAAAGAAGTA		
	TTAGCTCAACATTTAAAACGTGGTCATGTTCAATCTTGCGGTTGTTTAGCTCGAGACAACGGGCGTAAACATGCAGA		
	TAAAAATTTGAGGTCAGAAACAGCACAAAAAAACGCCCTTAAAAGAAAACTAGAAGTAGACGCAGTCGATGGCACTA		
	TGAAATCAGCTTTAACTAGAAGCCTATCAGCAAGAAACAAGAGTGGGATAAAAGGCGTGCGTTGGGATGAGAAAAGA		
	AATAAATGGGAAGCTTCTATTACCTTTCAAAAAAAATTACATTTTTTAGGCAGATTTGAAAAGAAAGATGATGCCGTAA		
	AAGCACGTAGAGATGCGGAAGATAAATACTTTAAACCGATTTTAGATAAAATGAATTGA		

plasmid inserts for targeting assay	Sequence	notes
pNT (RAU29)	AAGCTTTATATGGTTCTTTCGCTTTCACAAGATACTTTTGTGGTTGGATCC	matches spacer 1 of the J0161 CRISPR array
pT (RAU31)	AAGCTTTATATCGTGATTTCTTCCTCATGCGCGCTTTTGATGGTTGGATCC	matches spacer 1 of the 10403s CRISPR array

candidate inhibitors (reference plasmid)	Sequence	Locus tag	given name
pRAU153	ATGAACAATCATGTTATAGATTTGACAAATAAGAAATTTGGAAGATTAACAGTTAAAGAGTTTGTTCGTTCTGAAAATG	LMOG_03145	orfB
	GTAACGCGTTATGGAACTGTTTTTGTGTATGCGGCAATGAAAAAGAAGTATTAGCTCAACATTTAAAACGTGGTCATG		
	TTCAATCTTGCGGTTGTTTAGCTCGAGACAACGGGCGTAAACATGCAGATAAAAATTTGAGGTCAGAAACAGCACAA		
	AAAAACGCCCTTAAAAGAAAACTAGAAGTAGACGCAGTCGATGGCACTATGAAATCAGCTTTAACTAGAAGCCTATC		
	AGCAAGAAACAAGAGTGGGATAAAAGGCGTGCGTTGGGATGAGAAAAGAAATAAATGGGAAGCTTCTATTACCTTTC		
	AAAAAAAATTACATTTTTTAGGCAGATTTGAAAAGAAAGATGATGCCGTAAAAGCACGTAGAGATGCGGAAGATAAAT		
	ACTTTAAACCGATTTTAGATAAAATGAATTGA		
pRAU154; pRAU168	ATGACTATTAAATTATTAGATGAATTCTTAAAAAAGCATGATTTGACGAGGTATCAGTTAAGCAAATTAACTGGTATCT	LMOG_03146	acrIIA1
	CACAAAACACTTTAAAAGACCAGAACGAAAAACCGTTAAATAAATATACTGTTTCAATACTACGCTCGCTATCGTTGA		
	TTTCGGGTTTATCTGTATCAGATGTTTTGTTTGAATTAGAAGACATAGAAAAAAATTCTGACGATCTTGCAGGATTTAA		
	ACACCTGTTAGACAAGTACAAACTCTCATTTCCTGCACAAGAATTCGAATTATACTGCTTAATCAAAGAGTTTGAGTC		
	TGCTAATATTGAAGTACTTCCTTTTACGTTCAATAGATTTGAAAACGAAGAACATGTAAATATAAAAAAAGATGTTTGT		
	AAAGCGTTAGAAAATGCTATCACCGTGTTAAAAGAGAAGAAAAATGAGTTACTTTGA		
pRAU155; pRAU171	ATGACATTAACAAGAGCACAAAAAAAGTATGCAGAAGCGATGCACGAGTTTATAAATATGGTGGATGACTTTGAAGA	LMOG_03147	acrIIA2
	GTCTACACCGGATTTTGCAAAGGAAGTTCTACATGATTCTGACTATGTAGTTATTACAAAAAATGAAAAATATGCAGT		
	AGCTCTTTGCTCTCTTAGCACTGATGAATGTGAATATGATACTAACTTATACTTAGATGAAAAATTGGTTGATTACTCA		
	ACAGTTGACGTAAACGGTGTGACATACTACATCAACATTGTTGAAACTAACGATATCGATGATTTAGAAATCGCTACG		
	GATGAAGATGAGATGAAAAGTGGCAACCAAGAAATTATTTTAAAAAGTGAGTTGAAGTAA		
pRAU162; pRAU173	ATGGATGACAAAATGGGAAAAACTTATTGGTACAATGAAGGAACTGACACACTGTTAACTGAAAAGGAATATAAAGCA	LMOG_03148	orfA
	AAAATTGAAAGTGAAGCAAAAGAATGGTTAGAAGACTTGCAAGAAGATGAAGAAGAACTTGAAGAGGGTGACAAAAC		
	TAGCCTCGAAACACTCATACAGTTATCGTATGAAAACGAAAGTGATTTTGTTCCATCTGATAGCGAAGGTAATAAATT		
	AGAAGAGTGGTAA		
pCSW3; pCSW13	ATGTATATAGTAAAGGAACGGGAGGAATATACAGTGAATAAATTTGCATTTGAAAATGATAGATATCTAGAACGAAAT	lmoslcc2482_068	orfC
	ATCAAGGCAGTTGTAGAAAAAATTGCAAGGGACTTTAATTTGCACTTAAAAAGTAAATACAGCAAGGATTGTGAATTC	5	
	ACTATAGTTGCTGATAATTCATTCGATAATATCGAAAACGCTGTTATATTTTTAGAAATCAAAAGAGAAGATGGAAAAG		
	CGTGTCAAGATCATCACATTTACGCGGAATATGAATGTGATGAAGATGGCAACGAATATATTGCATTAACAATTAAAT		
	TTCACGGTTCTAGCGCGTCTAATCAAATAAACACGGTACAAGGGATAAAATCAAGTAAATATGCTTCTTGTATTGTTT		
	CTGACACAGACAATCAATTATCTAAATCAATTCATGAATTGAATCTTAAAAAAGAGAAAGAACAGCAAGAAGCATGGA		
	ATAAAAAAGAAGCGGAATACGCTATCAGAAAACAGGCATATGTATCTCAAAGCGAACGCGAAAAATACGAAGACATT		
	TTCGATTTACCTTTCGATTTCTATGATTATATTGACAAAAAAGAAAATGGATTGATCTAA		
pCSW7; pCSW18	ATGGCCGGATTTATTAAAAAATACCTAGAAAACAAAGAATGGACAATTTATCAATTAGGCAATGCAACTGGACTGGCA	lmoslcc2540_127	orfD
	CATCAAACAATAAGAAGCGCTGATTCAAAAACTGTTGACCAAATGTCTGCAAAAAATGTGCGTTTAATAGCGGACGTT	7	
	TTCGAGTTTACACCTGGTGAAATCTTAGACGAATTCTACGAAATTGAAGAAGAAATAAATAATGATGCTATTATACAA		
	GAATTAATTAATGTATTTGAAAAATACGGCTATAACACAGATGAAATAAGCCTTGAATTGCTAGATGGTGAAAAAATTA		
	AGCTGGAAATGTCTGATGATACTATAACGCAACTCGCTGACGCTGTTAATGCTACTAAACACTTTACGGCATATGTG		
	GATGCTTCTACTGATTTTATGATTATAGAAAAAATTTGA		
pCSW9; pCSW21	ATGAATATTAATGACTTAATTAGAGAAATCAAAAACAAAGATTACACAGTGAAATTGAGTGGTACGGATAGCAATAGT	LMOG_02993	acrIIA4
	ATCACACAGCTAATTATTCGCGTTAATAATGATGGCAACGAGTATGTAATTTCTGAAAGTGAAAATGAATCAATCGTT		
	GAAAAATTCATCTCTGCATTCAAAAACGGTTGGAATCAAGAATACGAGGATGAAGAAGAATTTTATAATGACATGCAA		
	ACAATCACCTTAAAAAGTGAGTTGAACTAA		

pCSW29; pCSW65	ATGTTTAATAAGGCTGAAATTATGAAACAAGCTTGGAATTGGTTCAACGATAGCAACATCTGGTTAAGCGATATTGAA TGGGTAAGTTACACAGACAAAGAAAAATCTTTCTCCGTTTGTTTAAAAGCTGCTTGGTCTAAAGCGAAAGAAGAAGTT GAAGAATCTAAAAAAGAAAGCAAACATATTGCTAAAAGCGAAGAGTTGAAAGCTTGGAATTGGGCTGAACGAAAATT AGGCTTACACTTTAATATTTCAGATGATGAAAAATTCACTAGTGTAAAAGATGAAACTAAAATAAATTTCGGCTTAAGT GTCTGGGCTTGTGCAATGAAAGCAGTTAAACTACACAATGACTTGTTTCCACAAACAGCAGCTTAA	lmoslcc2482_0688	acrIIA3
pCSW33	ATGCAAACAATAGACAGAAATGAAATCGCTAAAGATATCAATGCTAAAATTTCAGGACTTGGACGTAATATAAGAACT AACTGGGAATTAGGTTTCGAGGAAGGCCAAGTAATTACATTAGAAAAGCAAGAAAGTTGGACAGATGGTGGCGATTT CACTGTTTGTAATGATTGCCCCGTGGAATATAATTTTGAAATTGAAAACGAAGCACCTTGCCACGTTGTAGATTATAG CAACAAAGAAGAAGCAACAGCGCTAGGTGCAGAAGATTGCGAAAACGAAAAAGAAGTATTATTGCCTGTTGGAACTA AGTTAGAAGTTGTGTACGGAGAACGCGAAGACGATAAAGACGACATGGGATTTTACACAGTGATTTTCAGATATATT GAAAGTGAGGAAAAATAA	lmoslcc2540_1278	orfE
pCSW35	ATGTCAATAAAACTATTAGATGAATTCTTAAAAAAACACAATAAAACGAGGTATCAGTTAAGCAAACTGACTGGTATCT CGCAAAACACATTGAACGATTACAATAAAAAAGAGTTAAACAAGTATTCTGTTTCATTCTTGCGCGCACTCTCAATGT GTGCAGGAATATCTACATTTGATGTTTTCAACGAACTAGAAGAATTAGAAAAAAACTATGATGATCTCGCAGGATTTA AGCACTTGTTAGATAAGTATAAGTTGTCATTTTCAGCGCAAGAATTCGAATTATACTGCTTAATCAAAGAGTTTGAATC TGCGAACATTGAAGTGCTCCCTTTTACATTTAATAGATTCGAAAATGAAACGCATGTAGATATAGAAAAAGATGTTCG AAAAGCACTGGAAAATGCTATCACTGTGTTAAAAGAGAAGAAAAACGAATTGATATAA	LMOG_02992	acrIIA1

GeneBlock ID	Sequence	Locus tag	given name
gJH009	TAAGCTTGGTACCGAGCTCGGATCCGCCACCATGACCATCAAGTTGCTCGACGAATTTCTCAAGAAACATGATCTTA CCCGGTACCAACTGTCTAAACTGACTGGCATTTCTCAAAATACCTTGAAAGATCAGAATGAAAAGCCCTTGAATAAGT ACACTGTATCCATACTCAGAAGTCTCAGCTTGATTTCCGGTCTGAGCGTTAGCGATGTACTTTTTGAACTTGAAGACA TAGAAAAGAATTCTGATGACTTGGCTGGATTCAAGCACCTCCTCGATAAATACAAACTCTCCTTCCCAGCACAAGAAT TTGAACTCTACTGCCTTATTAAAGAATTCGAGTCCGCAAATATCGAAGTTCTTCCATTCACGTTTAATAGATTCGAGA ACGAGGAACATGTGAATATTAAGAAGGATGTCTGCAAGGCTCTTGAAAATGCCATCACCGTCCTGAAGGAAAAAAAA AATGAGCTGCTTTGAGAATTCTGCAGATATCCAGCACAGT	lmog_03146	AcrIIA1
gJH010	TAAGCTTGGTACCGAGCTCGGATCCGCCACCATGACGCTGACCCGCGCTCAGAAAAAATACGCCGAGGCGATGCA TGAGTTTATCAATATGGTTGATGACTTTGAAGAATCAACGCCTGACTTTGCAAAAGAGGTTCTGCACGACTCCGACT ATGTGGTCATTACAAAAAACGAGAAATATGCCGTGGCACTCTGTAGTCTCTCCACAGATGAATGTGAGTACGATACT AACTTGTATTTGGATGAAAAGCTCGTCGATTACAGCACAGTTGATGTCAACGGAGTGACATATTACATCAATATAGTG GAAACAAATGACATAGATGATCTTGAAATTGCGACCGACGAGGACGAGATGAAGTCTGGAAACCAAGAGATTATTCT TAAGTCCGAACTGAAGTAAGAATTCTGCAGATATCCAGCACAGT	lmog_03147	AcrIIA2
gJH011	TAAGCTTGGTACCGAGCTCGGATCCGCCACCATGGATGATAAAATGGGAAAAACTTACTGGTACAATGAAGGAACTG ACACTCTTTTGACAGAAAAAGAGTATAAAGCCAAGATCGAATCAGAAGCAAAGGAGTGGCTTGAGGACCTTCAGGAG GACGAGGAAGAACTGGAAGAAGGAGACAAGACGAGTCTGGAGACCTTGATACAGTTGAGCTATGAAAACGAAAGTG ACTTTGTTCCGTCCGACAGCGAGGGAAATAAGCTCGAAGAATGGTAAGAATTCTGCAGATATCCAGCACAGT	lmog_03148	OrfA
gJH012	TAAGCTTGGTACCGAGCTCGGATCCGCCACCATGACAAAGTATAATAAGTCAGAGATAATGAAAAACGCATGGGCG ATGTTTAACAGCTATGAATGGGATGTTGAAAATTTTAAATTCGTGAGTGCTGAGAACAAGACCTTCTCTAATTGCCTC AAGGAAGCCTGGGCAGAAGAGAAGGAATATGTCGAGAGGAAAGCCAAAGAAACAGCCGAGGCGCCCCGGTCTGAG GAGGCTAAAGCATGGGACTGGGCGTGCAGAAAATTGAATGTAAACGATTTGCAGAACATTGACGCCACTGACAAAG TCTTCTATGTGGTTGACATGCAAAAAGAAATGTGGACTTCCAATGTGTGGGCGCAGGCAATCAAGGCTGTAGAACTG TATGTGAAGCTCGGTCTTGCTTAAGAATTCTGCAGATATCCAGCACAGT	AXK13_03345	Spy_AcrIIA3
gJH013	TAAGCTTGGTACCGAGCTCGGATCCGCCACCATGAACATTAACGACCTCATACGAGAGATTAAGAACAAAGATTACA CCGTCAAACTGTCAGGAACTGATAGTAACTCAATCACCCAGCTTATTATCAGGGTAAACAATGATGGGAATGAATAT GTGATATCTGAGAGCGAAAACGAGTCTATCGTCGAGAAATTCATTTCCGCTTTTAAGAACGGGTGGAATCAGGAATA TGAGGATGAAGAAGAATTTTACAATGACATGCAGACGATCACGTTGAAAAGTGAACTGAACTAAGAATTCTGCAGAT ATCCAGCACAGT	lmog_02993	AcrIIA4