

Table S1. Primers used in this study

Purpose	Name	Sequence (5'-3')
ChIP-qPCR	0888+3for 0888+269rev CS-057-sigAF CS-058-sigAR fadD26+110for fadD26+371rev CS-159-espAF CS-160-espAR BB-174-2336F BB-175-2336R ppe5+4for ppe5+275rev BB-186-3888cF BB-187-3888cR BB-172-ppe54F BB-173-ppe54R BB-170-esxAF BB-171-esxAR BB-168-eccD5F BB-169-eccD5R BB-182-mmpL2F BB-183-mmpL2R espRpro196for espRpro53rev BB-178-1075cF BB-179-1075cR	GGA TTA CGC CAA ACG CAT C AAG TCG ATC AGG GCA TTG AG AAA CAG ATC GGC AAG GTA GC CTG GAT CAG GTC GAG AAA CG TTG CTG ACA GCT TGA CTT GG ACG GAC GAA GTC GTG AGA AT GTT TAG CGG ACG CGA TTT AG TGC TAA CCC ACC ATC ACT CA GTC AAA TCC GTC ACG AAC CT GGT TCC CAC ACC AGT TGT TT AAC CTG GTC TCC ACA ACG TC AAG TTA AAG CCG CCG AGA CT GAC GTT ACC AGG TCC TCT CG CGG CTC TTT GAG TGC ATT AG ACT CAG TTG TCG GGG ATG TT CGA ACC CAG TCA GAT TGT CC CCA AGA AGC AGC CAA TAA GC GAC GTG ACA TTT CCC TGG AT AAG GCA AGG TCA ACC ACA AC CAG CTA CTG CGG TCA TCG T AGT ATC GCT AAG GTC ACC GC ATG AGA ACG AGC AGG TTG GT TGA AAT CCG TTC GTC GTG TG TGA TCA TGG TAG CGA CAG TTG TG TGA GCC GGA TAC CTT ACT GG CGT GGA TAG CTG ACG AAC AA
EMSA probes PCR	bio_espRpro106for espRpro+6rev bio_PespR-374for PespR-264rev BiofadD26+56for fadD26+175rev Bio2929-60for 2929+43rev Bio1490-51for 1490+51rev BioPepgrs19-73for Pepgrs19+29rev bio_PespA-1206for PespA-1108rev bio_espA+541for espA+640rev	biotin-AAT CCG CTC AGG TTT GCA CTT G GCT CAT CGA TGT GAC CTC CAC biotin-TCG CCT GAC GAG CGC TGT TCA GGA TGA CCG TGT CGG GC biotin-AGC CTG ACA GCA CTG CAT ATA C ACT TGA GTT CTT CAG CAA TGA TGC biotin-ACC TCA ACG ACA ATT TGC CAG ATC TTC GGC CAG CTA CAT CC biotin-TGC GTC GGT TAG TCT CTT TTT CG AGT GTC GCT TGG TCG GCA biotin-GAA AAC CGC CCC AGT TGC TGC GAC GGA GAC ACC AAC biotin-CAT GGC TAC AGC TCA CAG TGA CTG TGC GGT TGG TTG ACC TGC TG biotin-ATC ATT TCG GAT GTG GCG GAC GCT TGT CCC AAA GCT CTT TCA GG
Footprinting probes PCR	6FAM_PespR-204for espR+157rev	6FAM-GAT AAC CTG TGA AAT CCG TTC GTC G GGT TTC CTG AGC GTA GCT GTG
5' RACE	CS-132-espAR2 CS-133-espAR3 CS-135-espRR2 CS-136-espRR3	GAA GTA CTC TAG TGA GGA GTA AAG GAT ACC CCG AAC CTA ACC AGC CAT CAC C CCT GAG CGT AGC TGT GAT AGG TAG G GCG GAA GAA GTT GGC CAG G
pMYespR vector cloning	espR_Pptr_rev1 Pptr-H1 espR_Pptr_for2 espR_Pptr_H2_rev2	GGC AGC GAA CGT CGT GCT CAT TCA GGC TCC TTG TAC GGT ATG TTT AAG CTT CCA TCC TGA CGG ATG GCC TTA CGA GTT C ACC GTA CAA GGA GCC TGA ATG AGC ACG ACG TTC GCT GCC TTT TAA GCT TCT AAG CGT CGA TCC CTT CGG CA

qRT-PCR for gene expression

espR+32for	GCC TGT TCG ACA CGG TTT AT
espR+261rev	TTC CTT GTC GAG CTT TTC GT
Pptr_espR-31for	TAT CTT CCC GTA CAC CGT ACA AG
espR+155rev	TTT CCT GAG CGT AGC TGT GA
PespR-136for	CTT CGT TGA CCC CTC ACA AC
PespR-19rev	GCT CCA AGA GCA AAC GGT TA
espA+2for	TGA GCA GAG CGT TCA TCA TC
espA+257rev	CTG ATG AGC TGA CGA TCG AG
ephA+216for	GAT CGA GGC CTA CGA CAT TC
ephA+449rev	AAG TTC TCC CCA AAC CTG CT
2929+84for	CAT TCG CTG GAC ATT TGC T
2929+306rev	AAG AAC CGA GGT CAG AGT GC
fadD26+110for	TTG CTG ACA GCT TGA CTT GG
fadD26+371rev	ACG GAC GAA GTC GTG AGA AT
1490+169for	GAA GCT GTC TTT CCG AAT GC
1490+368rev	AGG ATA AGC CAC ACC ACG AC
pe_pgrs19+59for	GTA TCG GTT CGG CAA TCA GC
pe_pgrs19+312rev	GTT GAT CAA ACC CAG CAC CT
pe_pgrs20+66for	ATC GTC GAT CAA TGC CTC A
pe_pgrs20+313rev	CGT TGA TCAAAC CCA GCA C
ppe24+20for	CGC CGG AGA TCA ATT CAG
ppe24+306rev	CGT CTT GAC CGC TTC AAA CT
0986+36for	GAG CTG GAC ATT CCG AGA AG
0986+242rev	TCT CGC TCG GTT TTC TGA GT
3488+31for	CTG CAC ATC CTG CAC CAC
3488+254rev	CGA TCC TCG GTC AGT GCT
lipF+150for	CGA CTA TCG GCT GAT CCC TA
lipF+353rev	GGA GAG ATG GCC ACT ATT GC
fadB2+228for	CAC CGA CCT CAA CGA CCT AT
fadB2+443rev	ACC GGA TTG AAG AAA TGC AG
umaA+77for	TAG ACC CCA CGA TGG CTT AC
umaA+292rev	GAT TGC GAC TGA GCG TGA TA
CS-057-sigAF	AAA CAG ATC GGC AAG GTA GC
CS-058-sigAR	CTG GAT CAG GTC GAG AAA CG