

Table S1 Summary of primers used in this study

Assay	Primer sequence (5'-3')	Restriction Site
Subcellular localization	<i>LcBZR1-GFP-F</i> : caaattecgaccggtATGACATCAGGAGGATCAGGGAGGTTAC	<i>Age</i> I
	<i>LcBZR1-GFP-R</i> : tgctagtcataccggtTGC GCGCGTCTTGGTAGTGCCAAGTGT	
	<i>LcBZR2-GFP-F</i> : caaattecgaccggtATGACGTCAGATGGGGCGACCTCGACGT	
	<i>LcBZR2-GFP-R</i> : tgctagtcataccggtAACCTGAGTCTTCCCGTTCCAAGTGTG	
qRT-PCR	<i>LcBZR1-qF</i> : CCCCTCCTTCGCCTACCTTTA	
	<i>LcBZR1-qR</i> : CTCACCTTCCCACGGTTTCAC	
	<i>LcBZR2-qF</i> : CAACTTCGCCAACCTTTAATCT	
	<i>LcBZR2-qR</i> : CATTCTTCATTCTACCTCA	
	<i>LcACO2-qF</i> : AAGTCAGTAACTACCCTCCATGCCCTAA	
	<i>LcACO2-qR</i> : GCCATCTGGTTGAGCAATCACACGG	
	<i>LcACO3-qF</i> : TGTCTCATCCCGACCTTGAAACG	
	<i>LcACO3-qR</i> : GGTAGCATTAAACACGGTGCCAGAC	
	<i>LcACS1-qF</i> : CTGACCGCATTGTTATGAGTGGTGGAG	
	<i>LcACS1-qR</i> : GAGCCTTTTCATATGCAGCTTCCAA	
	<i>LcACS4-qF</i> : ACATATGGAGCCGACATTCACGTTG	
	<i>LcACS4-qR</i> : AGCACCTGATTCTGCCGATTT	
	<i>AtACO4-qF</i> : GCGGCATCATCCTCTCTT	
	<i>AtACO4-qR</i> : GTACTTCCCATTGGTTATCACCTC	
	<i>AtACS1-qF</i> : ATGTCTCAGGGTGCATGTGA	
	<i>AtACS1-qR</i> : CCGCCGTACAAATAGATGCC	
	<i>LcEF-1α-qF</i> : CGTGGATTTCGTCGATCTAAC	
	<i>LcEF-1α-qR</i> : CCGCCTGTCAATCTTGGTCAT	
	<i>AtUBQ-qF</i> : GATCTTTGCCGAAAACAATTGGAGGATGGT	
	<i>AtUBQ-qR</i> : CGACTTGTCATTAGAAAAGAAAGAGATAACAGG	
Transgenic assay	<i>LcBZR1-35SF</i> : ggactcttgaccatgtaATGACATCAGGAGGATCAGGGAGGTTAC	<i>Nco</i> I
	<i>LcBZR1-35SR</i> : gtcagatctaccatggtTGC GCGCGTCTTGGTAGTGCCAAGTGT	
	<i>LcBZR2-35SF</i> : ggactcttgaccatgtaATGACGTCAGATGGGGCGACCTCGACGT	
	<i>LcBZR2-35SR</i> : gtcagatctaccatggtAACCTGAGTCTTCCCGTTCCAAGTGTG	
GUS assay	<i>Pro_{LcBZR1}::GUS-F</i> : tcgacggatccccgggaattcATTTTCTCAACCCGCCAAGTCATG	<i>EcoR</i> I
	<i>Pro_{LcBZR1}::GUS-R</i> : gtggactcctcttagaattcCCTCCAACACAAAACCTTCTCTCT	
	<i>Pro_{LcBZR2}::GUS-F</i> : tcgacggatccccgggaattcTTGAGACAAAGTAAACAACAGAGCG	
	<i>Pro_{LcBZR2}::GUS-R</i> : gtggactcctcttagaattcCCGACACCTGAAACTCAATCAATCT	
EMSA assay	<i>pGEX-4T-1-LcBZR1-F</i> : gaattccccgggtcgacATGACATCAGGAGGATCAGGGAGGTTAC	<i>Sal</i> I
	<i>pGEX-4T-1-LcBZR1-R</i> : ggcccgtcagtcgacTGC GCGCGTCTTGGTAGTGCCAAGTGT	
	<i>pGEX-4T-1-LcBZR2-F</i> : gaattccccgggtcgacATGACGTCAGATGGGGCGACCTCGACGT	
	<i>pGEX-4T-1-LcBZR2-R</i> : ggcccgtcagtcgacAACCTGAGTCTTCCCGTTCCAAGTGTG	
	<i>LcACO2-probe-F</i> : TAAAGAGAGATAAACTCAATAGATcacacgCGGGCTTAAACCACCAGACAA	
	<i>LcACO2-probe-R</i> : TTGTCTGGTGGTTTAAAGCCCgctgtgATCTATTGAGTTTATCTCTCTTTA	
	<i>LcACO2-mprobe-F</i> : TAAAGAGAGATAAACTCAATAGATaaaaaCGGGCTTAAACCACCAGACAA	
	<i>LcACO2-mprobe-R</i> : TTGTCTGGTGGTTTAAAGCCCgtttttATCTATTGAGTTTATCTCTCTTTA	
	<i>LcACO3-probe-F</i> : ACTTTTTGATCACGAAAATTGcgaatgTGCCAAGTAC	
	<i>LcACO3-probe-R</i> : GTACTTGGCAAcatttgCCAATTTTCGTGATCAAAAAGT	
	<i>LcACO3-mprobe-F</i> : ACTTTTTGATCACGAAAATTGggggggTTGCCAAGTAC	

	<i>LcACO3-mprobe-R</i> : G T A C T T G G C A A c c c c c C C A A T T T T C G T G A T C A A A A A A G T	
	<i>LcACSI1-probe-F</i> : T A T T T A C A T T T T T A A C A T T T T C c a c a c g T C C A C C A A G A C C C A C T A G T T	
	<i>LcACSI1-probe-R</i> : A A C T A G T G G G T C T T G G T G G A c g t g t G A A A A T G T T A A A A A T G T A A A T A	
	<i>LcACSI1-mprobe-F</i> : T A T T T A C A T T T T T A A C A T T T T C a a a a a T C C A C C A A G A C C C A C T A G T T	
	<i>LcACSI1-mprobe-R</i> : A A C T A G T G G G T C T T G G T G G A t t t t t G A A A A T G T T A A A A A T G T A A A T A	
	<i>LcACS4-probe-F</i> : C A A G T A C C C C T C T C T T C T T C A A G G T A T c g t g c g T G T A T G G A C A A T T T T G T T	
	<i>LcACS4-probe-R</i> : A A C A A A A T T G T C C A T A C A c g c a c g A T A C C T T G A A G A A G A G A G G G G T A C T T G	
	<i>LcACS4-mprobe-F</i> : C A A G T A C C C C T C T C T T C T T C A A G G T A T a a a a a T G T A T G G A C A A T T T T G T T	
	<i>LcACS4-mprobe-R</i> : A A C A A A A T T G T C C A T A C A t t t t t A T A C C T T G A A G A A G A G A G G G G T A C T T G	
Dual-luciferase transient expression assay	<i>LcBZR1-pBD-F</i> : t c g c c g a c c g g t a g g c c t A T G A C A T C A G G A G G A T C A G G G A G G T T A C	<i>Stu I</i>
	<i>LcBZR1-pBD-R</i> : a a c c a g a g t t a a g g c c t T G C G C G C G T C T T G G T A G T G C C A A G T G T	
	<i>LcBZR2-pBD-F</i> : t c g c c g a c c g g t a g g c c t A T G A C G T C A G A T G G G G C G A C C T C G A C G T	
	<i>LcBZR2-pBD-R</i> : a a c c a g a g t t a a g g c c t A A C C T G A G T C T T C C C G G T T C C A A G T G T G	
	<i>LcBZR1-pGreenII 62-SK-F</i> : t a g a a c t a g t g g a t c c A T G A C A T C A G G A G G A T C A G G G A G G T T A C	<i>BamHI</i> <i>HindIII</i>
	<i>LcBZR1-pGreenII 62-SK-R</i> : c g g t a t c g a t a g c t t T G C G C G C G T C T T G G T A G T G C C A A G T G T	
	<i>LcBZR2-pGreenII 62-SK-F</i> : t a g a a c t a g t g g a t c c A T G A C G T C A G A T G G G G C G A C C T C G A C G T	
	<i>LcBZR2-pGreenII 62-SK-R</i> : c g g t a t c g a t a g c t t A A C C T G A G T C T T C C C G G T T C C A A G T G T G	
	<i>Pro_{LcACO2}-LUC-F</i> : t a t a g g c g a a t t g g A A G G A A G A T T T G T T T C A T A A T A A A G T T A G A A T T A T T A T T A	<i>Kpn I</i> <i>Nco I</i>
	<i>Pro_{LcACO2}-LUC-R</i> : t t g g c g t c t t c c a t g g T G T T G T T G C T G T T G T T G T A T T A G T T T T C T T G	
	<i>Pro_{LcACO3}-LUC-F</i> : t a t a g g c g a a t t g g T C T A G C A T G T T A A G A G C A T T G C C A A A T A	
	<i>Pro_{LcACO3}-LUC-R</i> : t t g g c g t c t t c c a t g g C T T T C T T G T T T T C T T T C T A T A A T A T T G T A A A G G T	
	<i>Pro_{LcACSI}-LUC-F</i> : t a t a g g c g a a t t g g G T C A A T C C A G G C T G G A C T G G T T G A	
	<i>Pro_{LcACSI}-LUC-R</i> : t t g g c g t c t t c c a t g g C T T T G T G C T T C T A A A A G G T C T T G A A T G T A T	
	<i>Pro_{LcACS4}-LUC-F</i> : t a t a g g c g a a t t g g A T A C A A T T G A A G T T A T C A C T A G A T A T A A G T C A T T G	
<i>Pro_{LcACS4}-LUC-R</i> : t t g g c g t c t t c c a t g g T T T G A C A C C C A C C A A G C T A T C T A G C		