

Table 3. Plasmids used in this study and proteins they encode

Plasmid	Plasmid-encoded protein	Source/ref.*
pMS604	LexADBD(WT) [†] -Fos leu zipper	1
pDP804	LexADBD (mutant) [‡] -Jun leu zipper	1
pLL1	LexADBD (mutant)	
pLL3	LexADBD (WT)	
pLL1-G	LexADBD (mutant)-BglG(WT)	
pLL3-G	LexADBD (WT)-BglG(WT)	
pLL1-G(H208R)	LexADBD (mutant)-BglG(H208R)	
pLL1-G(H160Y)	LexADBD (mutant)-BglG(H160Y)	
pLL1-G(D100N)	LexADBD (mutant)-BglG(D100N)	
pLL3-G(H208R)	LexADBD (WT)-BglG(H208R)	
pLL3-G(H160Y)	LexADBD (WT)-BglG(H160Y)	
pLL3-G(D100N)	LexADBD (WT)-BglG(D100N)	
pLL3-IIB	LexADBD (WT)-IIB ^{bgl} (WT)	
pLL3-IIB(C24S)	LexADBD (WT)-IIB ^{bgl} (C24S)	
pLL1-F	LexADBD (mutant)-BglF(WT)	
pLL1-F(C24S)	LexADBD (mutant)-BglF(C24S)	
PANSHF	His ₆ -BglF (WT)	
pANSHF(C24S)	His ₆ -BglF(C24S)	
PANSHIIB	His ₆ -IIB ^{bgl} (WT)	
PANSHIIB(C24S)	His ₆ -IIB ^{bgl} (C24S)	
PLFHG	His ₆ -BglG (WT)	L. Fux
pANSHG(H208R)	His ₆ -BglG(H208R)	
pANSHG(H160Y)	His ₆ -BglG(H160Y)	
pANSHG(D100N)	His ₆ -BglG(D100N)	
PANSMG	MBP-BglG(WT)	
PANSMG(H208R)	MBP-BglG(H208R)	
PANSMG(H160Y)	MBP-BglG(H160Y)	
PANSMG(D100N)	MBP-BglG(D100N)	
pBAD18F	BglF (WT)	
pBAD18F(C24S)	BglF(C24S)	
pBAD18IIB	IIB ^{bgl} (WT)	
pJS185	BglG- GFP (WT)	J. Singh

*Plasmids for which no reference has been cited were constructed as part of this work.

[†]LexADBD(WT) is a fragment of wild-type LexA repressor (amino acids 1-87), which contains a domain that binds to WT LexA operator.

[‡]LexADBD(mutant) is a fragment of LexA 408 repressor (amino acids 1-87), which contains a domain that binds to an altered LexA operator (op 45).