



K. Induction Controls

An induction control strain that matches the type of promoter, selective marker, and other vector elements is included with each pET vector and expression system to allow convenient testing of performance. The induction controls are not suitable for cloning. The strain is provided as a glycerol stock of an appropriate λ DE3 lysogen containing a pET plasmid with an insert encoding β -galactosidase, which can be easily assayed spectrophotometrically (except for Controls H, J, L, N, and O.I, which contain no insert). The following table lists the various induction control strains and matching pET vectors. See *Induction Control* on page 57 for more details on the β -galactosidase assay.

Control	Vector	Host strain	Selection	Promoter	Fusion tags	Protease site	Insert (protein size)	Included with vector/series	Cat. No.
A	pET-14b	BL21(DE3)pLysS	amp cam	T7	His•Tag ^s	T	β-gal 118kDa	pET-3, 5, 12, 14b, 17b, 17xb, 20b, 23	60674
B	pET-15b	BL21(DE3)pLysS	amp cam	T7 _{lac}	His•Tag	T	β-gal 118kDa	pET-11, 15b, 21, 22b, 26b	60257

