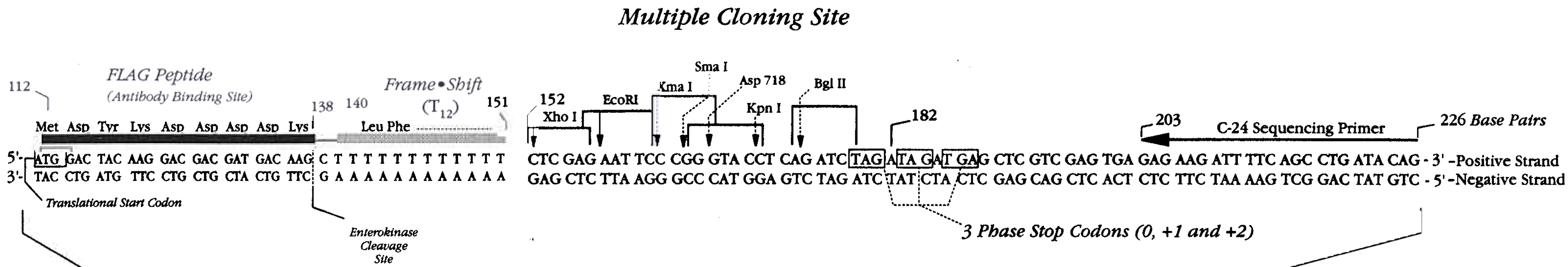
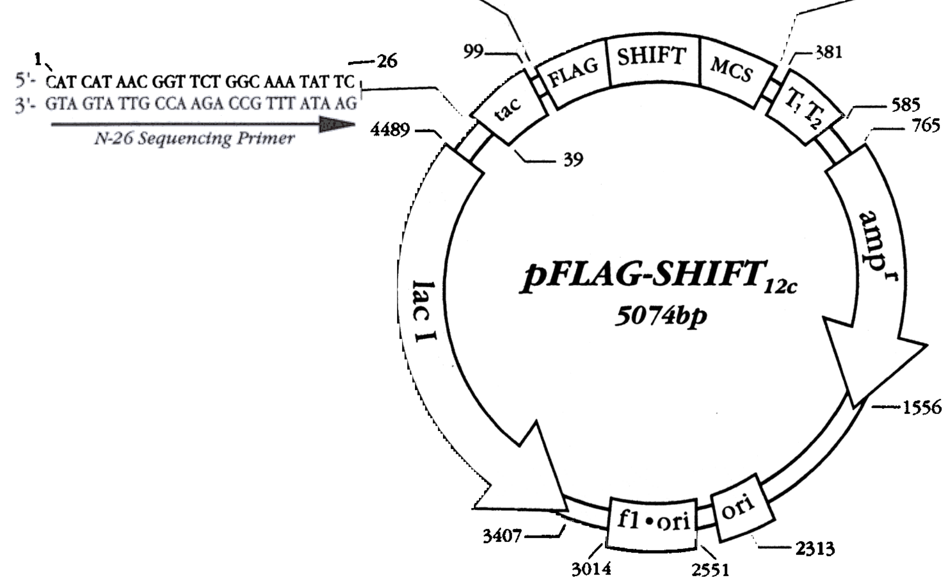
Cytoplasmic Expression of Amino-Terminal FLAG-SHIFT Fusion Proteins in *E. coli*

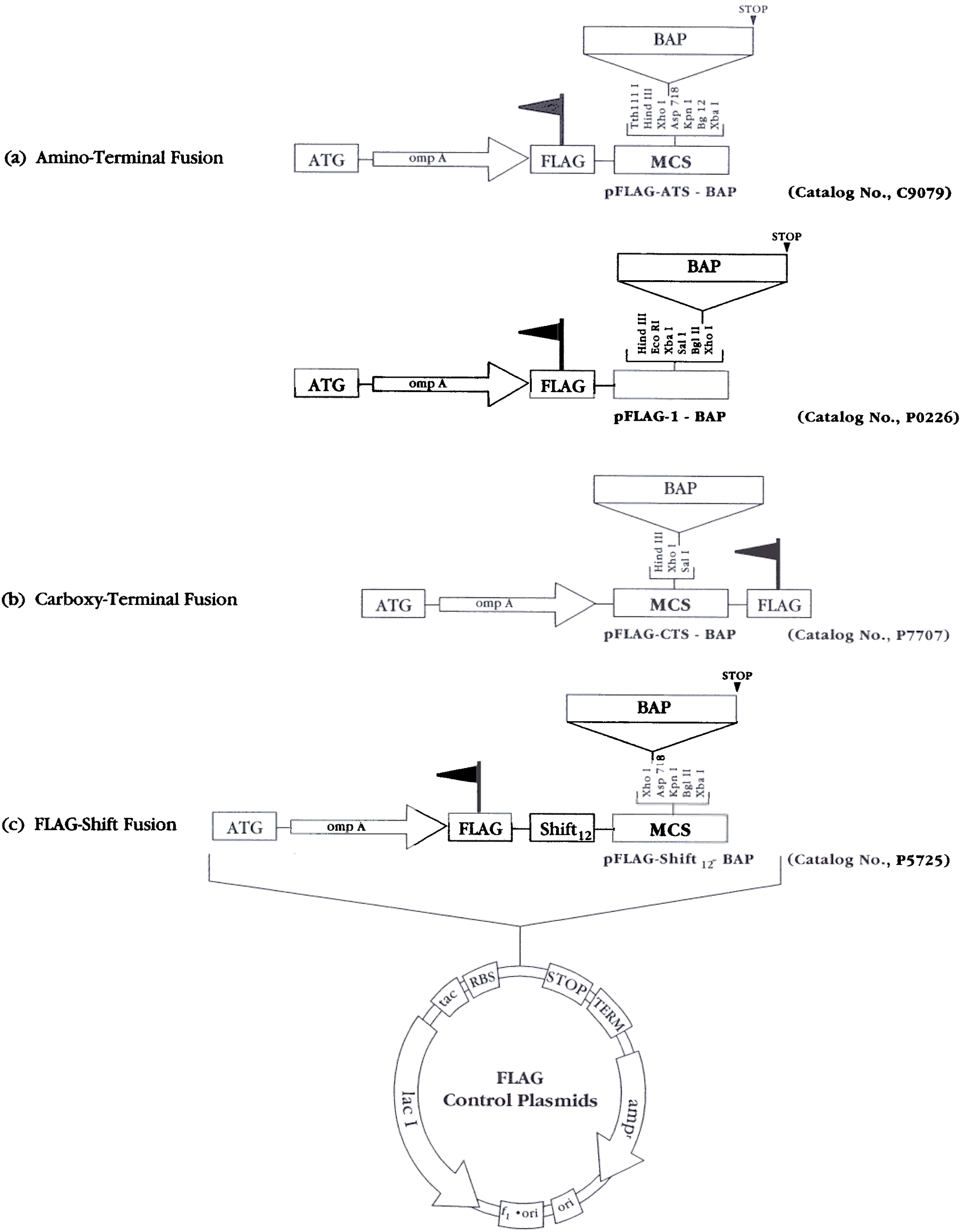




Map Position	Marker	Description
1-26	N-26	Binding site for N-26 Sequencing Primer
39-99	*tac Promoter*	-35 region of trp promoter to end of lacI binding region.
73	*lacI Binding*	LacI repressor binding site. Induction with IPTG.
100	*RBS*	Shine-Dalgarno ribosome binding site.
115-138	*FLAG*	Octapeptide for binding of ANTI-FLAG or M2 Monoclonal Antibody and Enterokinase cleavage.
140-151	*SHIFT*	Translational Reading Frameshift sequence for expression of an ORF in all 3 reading frames.
152-182	*MCS*	Multiple cloning site.
381-585	T_1T_2	Ribosomal RNA operon compound terminator.
226-203	*C-24*	Binding site for C-24 reverse sequencing primer.
765-1556	*amp^r*	Ampicillin resistance to host cell.
2313	*pBR322 ori*	Double strand replication of pFLAG-SHIFT$_{12c}$.
2551-3014	*f1•ori*	Single strand replication of positive strand via M13 K07 Helper Phage.
4489-3407	*lac I*	pRepression of tac promoter. LacI repressor protein is over produced from lacI^q promoter. Induction with IPTG.

Catalog No. E7898

FLAG-BAP Positive Control Plasmids



The FLAG-BAP Positive Control Plasmids are useful positive controls for protein expression, immunological detection and immunological detection and immuno-affinity purification of FLAG fusion proteins. ▼ STOP = Translational stop codon.