

pBMN ER50-YFP-HA IRES HcRed-tandem

This plasmid contains the ampicillin resistance gene.

ER50 is located between BamHI and EcoRI

a Kozak sequence is present at the 5'-end of the gene.

YFP-HA is between EcoRI and XhoI, with HA tag fused to the 3'-end of the YFP gene.

ER50 corresponds to amino acids 305-549 of the human estrogen receptor (Genbank# BC128573.1) with 6 mutations (T371A, L384M, M421G, N519S, G521R, Y537S) and is codon optimized for expression in murine cells.

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