

pIX4.0 Vector

Positions of elements in bases

Vector size (bp)	3144
M13 forward sequencing primer hybridization	379-396
T7 transcription promoter	604-620
5'-UTR	621-682
Translation start codon ATG	683-685
Multiple cloning site	681-741
Translation stop codons in all reading frames	719-732
3'-UTR	742-844
T7 transcription terminator	845-883
Multiple linearization site	883-913
M13 reverse sequencing primer hybridization	918-937*
ori	1266-1939*
β -lactamase coding sequence (lac promoter 928-1001*)	2084-2944*

* Inverse orientation

