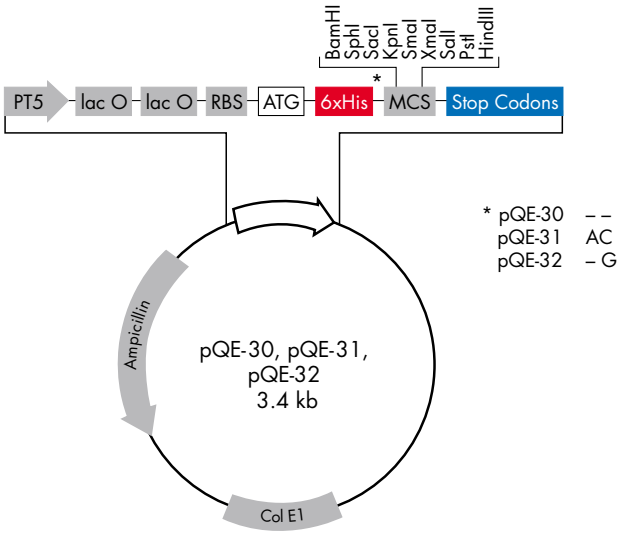
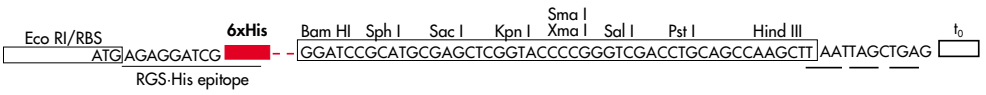
pQE-30, pQE-31, and pQE-32 Vectors

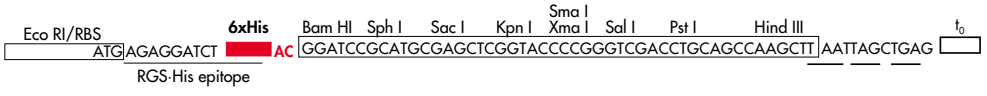
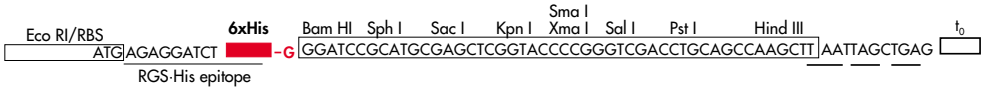
Positions of elements in bases	pQE-30	pQE-31	pQE-32
Vector size (bp)	3461	3463	3462
Start of numbering at *Xho*I (CTCGAG)	1–6	1–6	1–6
T5 promoter/lac operator element	7–87	7–87	7–87
T5 transcription start	61	61	61
6xHis-tag coding sequence	127–144	127–144	127–144
Multiple cloning site	145–192	147–194	146–193
Lambda t_0 transcriptional termination region	208–302	210–304	209–303
rrnB T1 transcriptional termination region	1064–1162	1066–1164	1065–1163
ColE1 origin of replication	1638	1640	1639
β-lactamase coding sequence	3256–2396	3258–2398	3257–2397



pQE-30



pQE-31



pQE-32