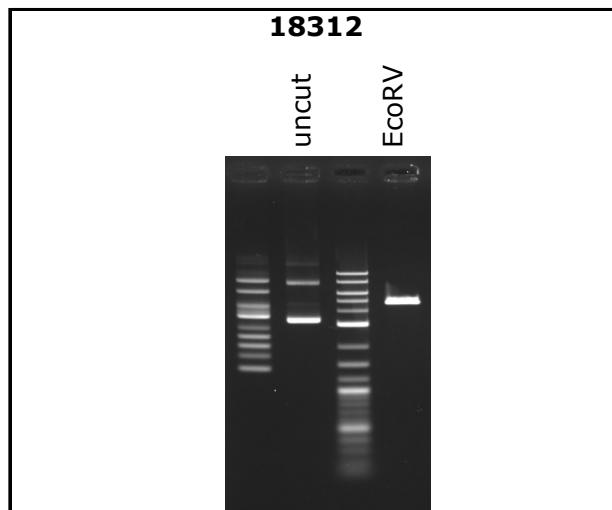
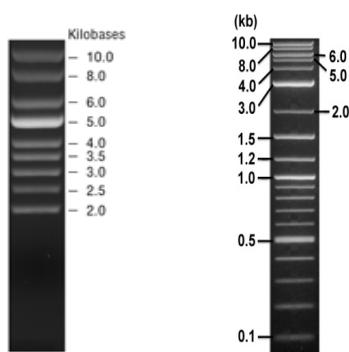




RIKEN DNA BANK

clone name : CoralHue(TM) ER-targeted monomeric Azami-Green 1 (pER-mAG1)

● Clone ID	:	<u>RDB_18312</u>
● Lot	:	<u>18312_B0H4</u>
● DNA Concentration	:	<u>25 ng/µL</u>
● Volume	:	<u>40 µL</u>
● Form	:	<u>DNA solution in TE buffer</u>
● Host	:	<u>DH5α</u>
● Culture	:	<u>LB medium</u>
● Antibiotics	:	<u>25 µg/mL Kanamycin</u>
● Purification	:	<u>QIAGEN QIAprep Spin Miniprep kit</u>
● Digestion by restriction enzyme	:	

Supercoiled DNA Ladder 1 kb Plus DNA Ladder
(NEB#N0472S) (NEB#N3200L)Electrophoresis : 100 ng DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
EcoRV	4.7	kbp
		kbp
		kbp
		kbp