

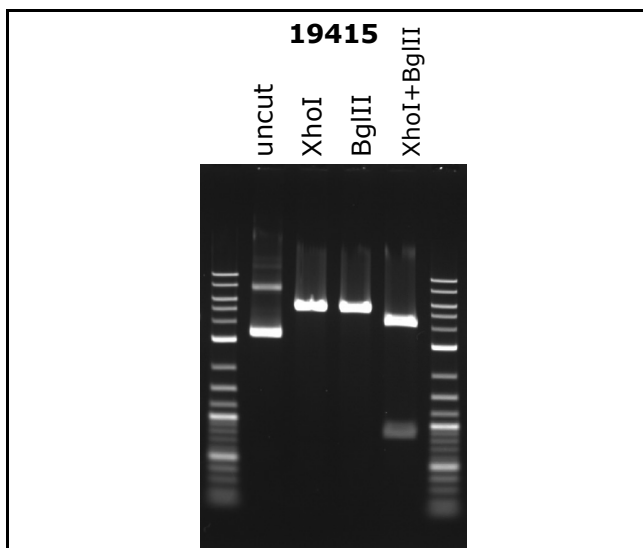
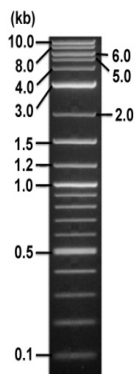


RIKEN DNA BANK

clone name : **pFX-mito-EGFP**

- **Clone ID** : RDB _ 19415
- **Lot** : 19415 _ B1Kf
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : DH5α
- **Culture** : LB medium
- **Antibiotics** : 25 μg/mL Kanamycin
- **Purification** : QIAGEN QIAprep Spin Miniprep kit
- **Digestion by restriction enzyme**

1 kb Plus DNA Ladder
(NEB#N3200L),
250 ng/well



Electrophoresis : 100 ng DNA per lane ; 1% agarose gel , 1 x TAE Buffer

Restriction enzyme	Expected size of fragment	
XhoI	4.9	kbp
BglII	4.9	kbp
XhoI+BglII	4.0, 0.9	kbp
		kbp