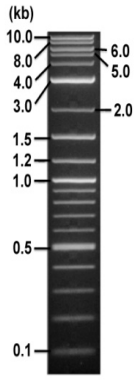
Gene Engineering Division
RIKEN BioResource Research Center

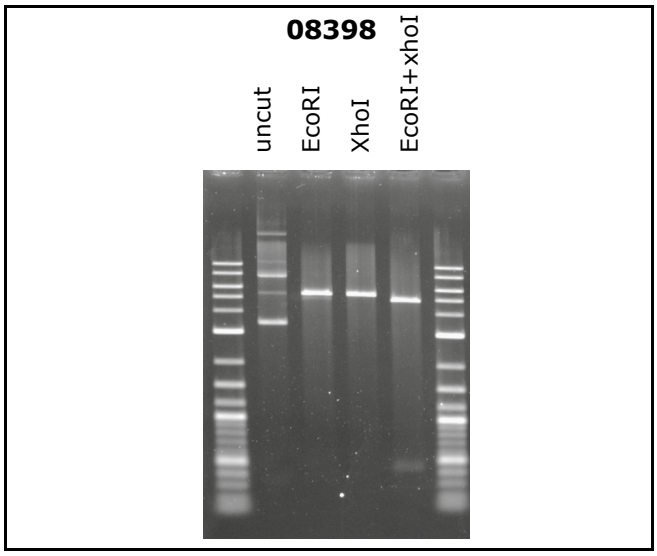
RIKEN DNA BANK

clone name : pGEX-G4CT-1a

- **Clone ID** : RDB _ 08398
- **Lot** : 08398 _ A2C2
- **DNA Concentration** : 25 ng/μL
- **Volume** : 40 μL
- **Form** : DNA solution in TE buffer
- **Host** : BL21
- **Culture** : LB medium
- **Antibiotics** : 100 μg/mL Ampicillin
- **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	
EcoRI	:	**5.4**	kbp
XhoI	:	**5.4**	kbp
EcoRI+xhoI	:	**5.0, 0.4**	kbp
	:		kbp

GED, RIKEN BRC, Aug. 16 2023