

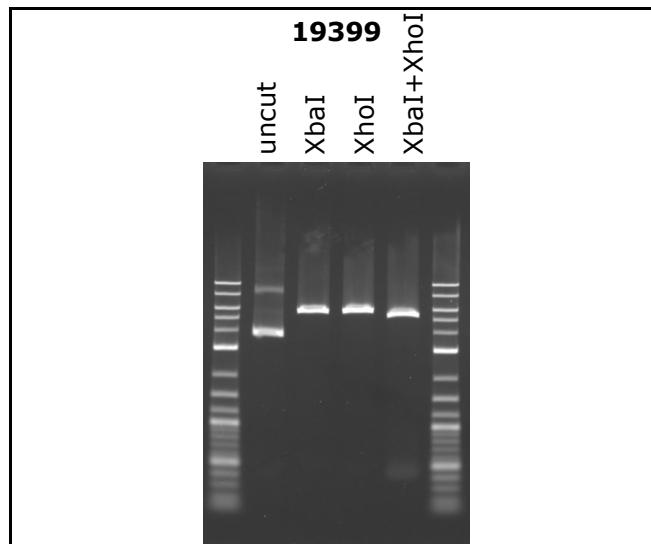
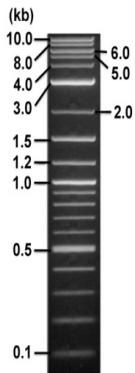


RIKEN DNA BANK

clone name : pCAG-mSpata33 (P79A)-PA

| | | |
|-----------------------------------|---|----------------------------------|
| ● Clone ID | : | RDB _ 19399 |
| ● Lot | : | 19399 _ B1Kb |
| ● DNA Concentration | : | 25 ng/ μ L |
| ● Volume | : | 40 μ L |
| ● Form | : | DNA solution in TE buffer |
| ● Host | : | DH5 α |
| ● Culture | : | LB medium |
| ● Antibiotics | : | 100 μ g/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

| | | | |
|------------------|---|-----------------|-----|
| <u>XbaI</u> | : | 5.6 | kbp |
| <u>XhoI</u> | : | 5.6 | kbp |
| <u>XbaI+XhoI</u> | : | 5.2, 0.4 | kbp |
| | : | | kbp |