

PLASMID DATA SHEET

ZMBH
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Plasmid : pUHD 10-3 Size (bp) : 3146
Resistance : bla Constructed by : M.Gossen
Host Strain : E.coli "SURE"
(Stratagene) References :
M. Gossen , unpublished
Diagnostic Restriction Digest : XhoI, HindIII (940, 2206)

Description :

The plasmid consists out of three main fragments :

1. pBR322-sequences including
 - colE1-origin of replication
 - β -lactamase-resistance-gene with the Pbla/p3 of Tn2661 (HincII-site and PstI-site removed)
2. The regulatory region with
 - hCMV minimal promoter (-53 relative to start site) with heptamerized tet-operators upstream in two different orientations as described in PNAS 89, 5547-51 (1992)
3. Multiple cloning site, MCS, containing SacII, EcoRI and XbaI recognition sequences
4. SV40 polyadenylation downstream of the MCS

Plasmid - Map :

