

PmeI / SacI
(both destroyed)

XmnI EcoRI / PmeI
(both destroyed)

HindIII

558bp

MluI

NaeI

SacI

SpeI

pMIR-REPORT Luc
(vector map attached)

XmnI

Plasmid name: pMIR-L K6

Derivation / created by: SKB

Date created: 3/7/06

Species: human

Genbank accession # AF105036

Gene: KLF4

Full-length?: no

Vector name: pMIR-REPORT Luc

Vector size: 6470 bp

Cloning sites: cut 6 KLF SacI/PstI 0.5 Kb frag in bskpt 9/18/98 with
EcoRI/SacI, then Klenow; cut pMIR-REPORT Luc w/ PmeI/CIP

Insert size: 558bp

Antibiotic resistance (amp, kan, chloramph): 100ug/ml AMP

Bacterial strain: XLI Blue

Plasmid stock box # and location (row / column): box 9 / row 5 / column 8

Diagnostic cut / band sizes: HindIII / SacI

614 bp + 6.4 Kb

HindIII / XmnI

Correct orientation:

4384 bp, 2177 bp, 467 bp bands

wrong: 4734 bp, 2177 bp, 117 bp