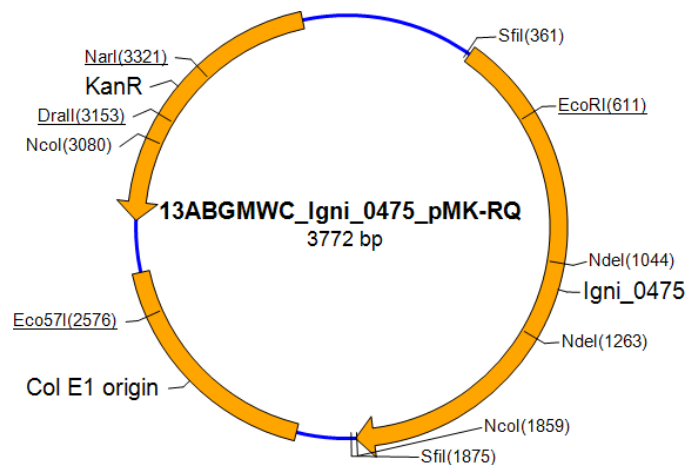


Plasmid DNA Description:

The synthetic gene Igni_0475 was assembled from synthetic oligonucleotides and/or PCR products. The fragment was cloned into pMK-RQ (kanR) using SfiI and SfiI cloning sites. The plasmid DNA was purified from transformed bacteria and concentration determined by UV spectroscopy. The final construct was verified by sequencing. The sequence congruence within the used restriction sites was 100%. See the accompanying data sheets for sequences and find the original ABI trace files as well as the assembled sequences electronically on disk. 5 µg of the plasmid preparation were lyophilized for shipping.

Plasmid Map:



Quality Assurance Documentation: 13ABGMWC

Ref. No.: 1363429

Designation: E.coli K12 (dam+ dcm+ tonA rec-)

Gene name: Igni_0475

Gene size: 1494 bp

Vector backbone: pMK-RQ (kanR)

Cloning sites: SfiI / SfiI

Quantity: ~5 µg Plasmid DNA

Note: Please dissolve lyophilized DNA in 50 µl distilled water or 10 mM Tris-HCl (pH 8.0). We recommend sequence verification after each transformation step.

Date: 15 July 2013

Nadine Bentel

Quality control

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