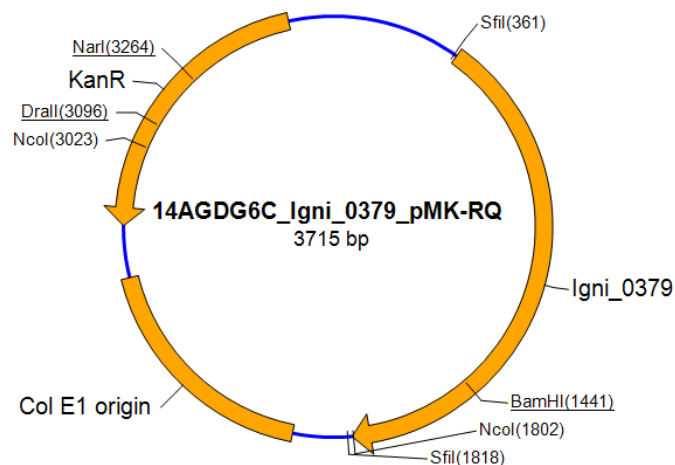


## Plasmid DNA Description:

The synthetic gene Igni\_0379 was assembled from synthetic oligonucleotides and/or PCR products. The fragment was inserted into pMK-RQ (kanR). 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 insertion 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: 14AGDG6C

Ref. No.: 1574578

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

**Gene name:** Igni\_0379

**Gene size:** 1437 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 September 2014

Martina Siefken

Quality control

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