

ID Construct **13ABGM2C**
 Customer **UNIVERSITÄT REGENSBURG, Jennifer Flechsler**
 Name of the gene **Igni_1263**
 optimized for **Escherichia coli**
 Upper sequence: as provided
 Lower sequence: as sequenced

29.06.2013 15:46:37

Sequence identity: 100%

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                                     GCTAGCCTGGCACG
                                     |||||
CGAATTGGCGGAAGGCCGTCAAGGCCACGTGTCTTGTCCAGAGCTCGCTAGCCTGGCACG
1  -----+-----+-----+-----+-----+-----+
                                     |||||
TGTTCCGTATAAAGTTGCAGTTATTGGCACCGGTCGTGTTGGTGCAACCTTTGCATATAC
|||||
TGTTCCGTATAAAGTTGCAGTTATTGGCACCGGTCGTGTTGGTGCAACCTTTGCATATAC
61 -----+-----+-----+-----+-----+-----+
                                     |||||
AATGGCAATTGTTCCGGGTGTTGCACGTATGGTTCTGGTTGATGCAGTTCCGGGTCTGAG
|||||
AATGGCAATTGTTCCGGGTGTTGCACGTATGGTTCTGGTTGATGCAGTTCCGGGTCTGAG
121 -----+-----+-----+-----+-----+-----+
                                     |||||
CAAAGGTGTTATGGAAGATATTAAACATGCCGCAGCAGTTTTTCGTCGTAGCATTACAGGT
|||||
CAAAGGTGTTATGGAAGATATTAAACATGCCGCAGCAGTTTTTCGTCGTAGCATTACAGGT
181 -----+-----+-----+-----+-----+-----+
                                     |||||
TGAAGCATATGATGATGTTAGCAAAGTGGAATGCCGATGCCATTGTTATTACCGCAGG
|||||
TGAAGCATATGATGATGTTAGCAAAGTGGAATGCCGATGCCATTGTTATTACCGCAGG
241 -----+-----+-----+-----+-----+-----+

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TAAACCGCGTAAAGCAGATATGAGCCGTCGTGATCTGGCAAAAGTTAATGCACAGATTAT
 |||||
 TAAACCGCGTAAAGCAGATATGAGCCGTCGTGATCTGGCAAAAGTTAATGCACAGATTAT
 301 -----+-----+-----+-----+-----+-----+

TCGCGATATCGGTGATAAACTGCGTGATCGTAATCCGGGTGCCTTTTATATGGTTATTAC
 |||||
 TCGCGATATCGGTGATAAACTGCGTGATCGTAATCCGGGTGCCTTTTATATGGTTATTAC
 361 -----+-----+-----+-----+-----+-----+

CAATCCGGTTGATGTGATGACCATGATTCTGAGTGATGTGATTGGCAATAAAGGCACCGT
 |||||
 CAATCCGGTTGATGTGATGACCATGATTCTGAGTGATGTGATTGGCAATAAAGGCACCGT
 421 -----+-----+-----+-----+-----+-----+

TATTGGTACAGGCACCAGCCTGGATACCTATCGTTTTCTAGCGCAGTTAGCGAACTGCT
 |||||
 TATTGGTACAGGCACCAGCCTGGATACCTATCGTTTTCTAGCGCAGTTAGCGAACTGCT
 481 -----+-----+-----+-----+-----+-----+

GAATGAACCGATTGCAGCAATTGATGGTTATGTTGTTGGTGAACATGGTGAAGAGGCATT
 |||||
 GAATGAACCGATTGCAGCAATTGATGGTTATGTTGTTGGTGAACATGGTGAAGAGGCATT
 541 -----+-----+-----+-----+-----+-----+

TGTTGCATGGTCAACCGTTACCGTTAAAGGTGTTCCGATTGATGAGTATATCAAAGAGAA
 |||||
 TGTTGCATGGTCAACCGTTACCGTTAAAGGTGTTCCGATTGATGAGTATATCAAAGAGAA
 601 -----+-----+-----+-----+-----+-----+

AGGTCTGGATCTGAGCCGTAGCCGTATTGAAGAATATGTTAAAGAAGTTGCAGCCACCAT
 |||||
 AGGTCTGGATCTGAGCCGTAGCCGTATTGAAGAATATGTTAAAGAAGTTGCAGCCACCAT
 661 -----+-----+-----+-----+-----+-----+

TATTGCAAAACAGGGTGCAACCATTTGGGGTCCGGCAGCAACCTTTCAAGAAATTGTTGT
|||||
TATTGCAAAACAGGGTGCAACCATTTGGGGTCCGGCAGCAACCTTTCAAGAAATTGTTGT
721 -----+-----+-----+-----+-----+-----+

TAGCCATCTGGCAAACGAAGGTCGTATTATTCCGGTTAGCGTTGTTCAAGAAGTTCCTGG
|||||
TAGCCATCTGGCAAACGAAGGTCGTATTATTCCGGTTAGCGTTGTTCAAGAAGTTCCTGG
781 -----+-----+-----+-----+-----+-----+

CGTTGGTCGTGTTGCAGTTAGCGTTCCGACCAAATTAGCGGTCGTCTGGTTCCGCTGCC
|||||
CGTTGGTCGTGTTGCAGTTAGCGTTCCGACCAAATTAGCGGTCGTCTGGTTCCGCTGCC
841 -----+-----+-----+-----+-----+-----+

GCAGCTGCTGAACGAAGAAGAACGCGAACGTCTGAAACGTGCAGCCGAAGCAATTAAACG
|||||
GCAGCTGCTGAACGAAGAAGAACGCGAACGTCTGAAACGTGCAGCCGAAGCAATTAAACG
901 -----+-----+-----+-----+-----+-----+

TGTTTATGAAGAAGCAGTGAGCAGCTAACCATGG
|||||
TGTTTATGAAGAAGCAGTGAGCAGCTAACCATGGGGTACCTGGAGCACAAGACTGGCCTC
961 -----+-----+-----+-----+-----+-----+

ATGGGCCTTCCGCTCACTGC
1021 -----+-----+