

eolf-othd-000001
SEQUENCE LISTING

<110> Technische Universität Graz

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<151> 2015-12-22

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<213> *Pichia methanolica*

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 <213> Artificial Sequence

 <220>
 <223> core promoter of an orthologous promoter

 <400> 33
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 ttaaagttat tacattatatt ata 143

<210> 34
 <211> 143
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> core promoter of an orthologous promoter

<400> 34
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 ttctagagta gtataggaag gta 143

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 <213> Artificial Sequence

<220>
 <223> FMD variant v1

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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v2

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 ctcccactgg tcaccccgga ttttgcagaa aaacagcaag ttccgggggtg tctcactggt 480
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<210> 37
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<220>
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 ataccaggcg ccaaccgagt ctctcggaac acagcttctg gatattcttc gctggcggcg 240
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 <213> Artificial Sequence

<220>
 <223> FMD variant v4

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cccgagatcc caccgcgttc ctgggtaccg ggacgtgagg cagcgcgaca tccatcaaat	180
ataccaggcg ccaaccgagt ctctcggaaa acagcttctg gatattcttc gctggcggcg	240
caacgacgaa taatagtccc tggaggtgac ggaatatata tgtgtggagg gtaaattctga	300
cagggtgtag caaaggtaat attttcctaa aacatgcaat cggctgcccc gcaacgggaa	360
aaagaatgac tttggcactc ttcaccagag tgggggtgtcc cgctcgtgtg tgcaaataagg	420
ctcccactgg tcaccccgga ttttgcagaa aaacagcaag ttccgggggtg tctcactggt	480
gtccgccaat aagaggagcc ggcaggcacg gagtctacat caagctgtct ccgatacact	540
cgactaccat ccgggtctct cagagggggg aatggcacta taaataccgc ctccttgccg	600
tctctgcctt catcaatcaa atc	623

<210> 39
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>

<223> FMD variant v5

<400> 39

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cccgagatcc caccgcgttc ctgggtaccg ggacgtgagg cagcgcgaca tccatcaaata      180
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caacgacgaa taatagtccc tggaggtgac ggaatatata tgtgtggagg gtaaatctga      300
caggggtgtag caaaggtaat attttcctaa aacatgcaat cggctgcccc gcaacgggaa      360
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<210> 40

<211> 623

<212> DNA

<213> Artificial Sequence

<220>

<223> FMD variant v6

<400> 40

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ctcccactgg tcaccccgga ttttgcagaa aaacagcaag ttccggggtg tctcactggt 480
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<210> 42
<211> 623
<212> DNA
<213> Artificial Sequence

<220>
<223> FMD variant v8

<400> 42
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<210> 43
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v9

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<210> 44
 <211> 623

<212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v10

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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v11

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 caacgacgaa taatagtccc tggaggtgac ggaatatata tgtgtggagg gtaaatctga 300
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<210> 46
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v12

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<210> 47
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v13

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<210> 48
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v14

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<210> 49
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v15

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<210> 50
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v16

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<210> 51
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v17

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<210> 52
 <211> 623
 <212> DNA
 <213> Artificial Sequence

<220>

<223> FMD variant v18

<400> 52

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<210> 53

<211> 623

<212> DNA

<213> Artificial Sequence

<220>

<223> FMD variant v19

<400> 53

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<220>
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<210> 55
<211> 639
<212> DNA
<213> Artificial Sequence

<220>
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<220>
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<212> DNA
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<210> 58
 <211> 721
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FMD variant v24

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aagctgaagt cgttagaatt tttcatttaa agcataatca aacatctaga ttcgaatcga	660
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<400> 60
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<210> 61
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 <213> Artificial Sequence

<220>
 <223> Primer

<400> 61
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<210> 62
 <211> 24
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<220>
 <223> Primer

<400> 62
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<210> 63
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<220>
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<400> 63
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<210> 64
 <211> 25

<212> DNA
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 <223> Primer

 <400> 64
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 <210> 65
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 <220>
 <223> Primer

 <400> 65
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 <210> 66
 <211> 30
 <212> DNA
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 <220>
 <223> Primer

 <400> 66
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 <220>
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 <400> 67
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 <210> 68
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<223> Primer

<400> 68

gccattcccc cctctgagag ac

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<210> 69

<211> 25

<212> DNA

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<223> Primer

<400> 69

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<210> 70

<211> 25

<212> DNA

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<220>

<223> Primer

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<400> 72

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 <210> 76
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 <400> 76
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 <210> 77
 <211> 51

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 <400> 80
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 <210> 81
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<400> 81

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<210> 82

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<212> DNA

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<220>

<223> Primer

<400> 85

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<210> 86
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 <212> DNA
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<400> 87
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 agtttatata gtgccattcc cctctctgag 90

<210> 88
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<220>
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<400> 88
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<210> 90
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<400> 90
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<210> 91
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<210> 92
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<220>
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<211> 250

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