

eolf-seql (3)
SEQUENCE LISTING

<110> GlaxoSmithKline Intellectual Property Development Limited

<120> Method of Producing a Recombinant Protein

<130> PB66104

<150> US62/332636

<151> 2016-05-06

<150> US62/338045

<151> 2016-05-18

<160> 55

<170> PatentIn version 3.5

<210> 1

<211> 8

<212> PRT

<213> Escherichia coli

<400> 1

Met Gly Arg Ile Ser Ser Gly Gly
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<210> 2

<211> 49

<212> DNA

<213> Artificial

<220>

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ctctggtcat cgctaccagt gcaatggcgg aagtacaact gctggagag

49

<210> 3

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<220>

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eolf-seql (3)

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<220>
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eolf-seql (3)

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<210> 11
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<220>
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eolf-seql (3)

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<210> 12
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<210> 13
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<220>
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gaccatatgc atttacgtca tctgttttca tcgcgctgc gtgg 44

<210> 15
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<212> DNA
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eolf-seql (3)

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<211> 48
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<220>
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eolf-seql (3)

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<400> 21
gttttcttct gcttttatgg ctaacgccga agtacaactg ctggagag 48

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<211> 53
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<212> DNA
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<220>
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eolf-seql (3)

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<400> 24
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<210> 25
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<212> DNA
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<220>
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<210> 26
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<210> 27
<211> 52
<212> DNA
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eolf-seql (3)

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gctctgggta ttgcgacctc tgctatggca gaagtacaac tgctggagag cg 52

<210> 28
<211> 50
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<400> 28
atgatgttca aagcaatcac taccgttgca gctctgggta ttgcgacctc 50

<210> 29
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<212> DNA
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<400> 29
gaccatatgg gtcgtatctc ttccggcggt atgatgttca aagcaatcac tac 53

<210> 30
<211> 42
<212> DNA
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<400> 30
gaccatatga tgtttaaggc aataacgaca gtcgccgctc tg 42

<210> 31
<211> 50
<212> DNA
<213> Artificial

<220>
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eolf-seql (3)

<400> 31
gaccatatgg gcaggataag ctcgggagga atgaagaaaa ctgctatcgc 50

<210> 32
<211> 36
<212> DNA
<213> Artificial

<220>
<223> Synthetic sequence

<400> 32
cttactcgag tcattagctg cttacgggtga ccagag 36

<210> 33
<211> 21
<212> PRT
<213> Escherichia coli

<400> 33
Met Lys Lys Thr Ala Ile Ala Ile Ala Val Ala Leu Ala Gly Phe Ala
1 5 10 15

Thr Val Ala Gln Ala
20

<210> 34
<211> 28
<212> PRT
<213> Escherichia coli

<400> 34
Met Gly Arg Ile Ser Ser Gly Gly Met Met Phe Lys Ala Ile Thr Thr
1 5 10 15

Val Ala Ala Leu Val Ile Ala Thr Ser Ala Met Ala
20 25

<210> 35

eolf-seql (3)

<211> 22

<212> PRT

<213> Escherichia coli

<400> 35

Met Lys Lys Ser Leu Leu Gly Leu Thr Phe Ala Ser Leu Met Phe Ser
1 5 10 15

Ala Gly Ser Ala Val Ala
20

<210> 36

<211> 20

<212> PRT

<213> Escherichia coli

<400> 36

Met Lys Lys Phe Ala Ala Val Ile Ala Val Met Ala Leu Cys Ser Ala
1 5 10 15

Pro Val Met Ala
20

<210> 37

<211> 30

<212> PRT

<213> Escherichia coli

<400> 37

Met His Leu Arg His Leu Phe Ser Ser Arg Leu Arg Gly Ser Leu Leu
1 5 10 15

Leu Gly Ser Leu Leu Val Val Ser Ser Phe Ser Thr Gln Ala
20 25 30

<210> 38

<211> 23

<212> PRT

<213> Escherichia coli

eolf-seql (3)

<400> 38

Met Lys Ile Lys Thr Leu Ala Ile Val Val Leu Ser Ala Leu Ser Leu
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Ser Ser Thr Ala Ala Leu Ala
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<210> 39

<211> 23

<212> PRT

<213> Escherichia coli

<400> 39

Met Pro Leu Leu Lys Leu Trp Ala Gly Ser Leu Val Met Leu Ala Ala
1 5 10 15

Val Ser Leu Pro Leu Gln Ala
20

<210> 40

<211> 26

<212> PRT

<213> Escherichia coli

<400> 40

Met Thr Ile Asn Phe Arg Arg Asn Ala Leu Gln Leu Ser Val Ala Ala
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Leu Phe Ser Ser Ala Phe Met Ala Asn Ala
20 25

<210> 41

<211> 63

<212> DNA

<213> Escherichia coli

<400> 41

atgaagaaaa ctgctatcgc tattgcgggtt gctctggcag gttttgccac ggttgccgag

60

eolf-seql (3)

gcc 63

<210> 42
 <211> 84
 <212> DNA
 <213> Escherichia coli

<400> 42
 atgggagga taagctcggg aggaatgatg tttaaggcaa taacgacagt cgccgctctg 60
 gtcacgcta ccagtgaat ggcg 84

<210> 43
 <211> 66
 <212> DNA
 <213> Escherichia coli

<400> 43
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 gttgcc 66

<210> 44
 <211> 60
 <212> DNA
 <213> Escherichia coli

<400> 44
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<210> 45
 <211> 90
 <212> DNA
 <213> Escherichia coli

<400> 45
 atgcatttac gtcactgtt ttcatcgcg ctgcgtggtt cattactgtt aggttcattg 60
 cttgtgttt catcattcag tacgaggcc 90

<210> 46
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eolf-seql (3)

<212> DNA

<213> Escherichia coli

<400> 46

atgaaaatta aaactctggc aatcggtgtt ctgtcggctc tgtccctcag ttctacagcg 60

gctctggcc 69

<210> 47

<211> 69

<212> DNA

<213> Escherichia coli

<400> 47

atgccactct taaagctctg ggcaggttca ctggttatgt tggcagccgt gagcctgccg 60

ctacaggcg 69

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<211> 78

<212> DNA

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gcttttatgg ctaacgcc 78

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<211> 84

<212> DNA

<213> Artificial

<220>

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<400> 49

atgggacgta tttcttcggg cggaatgatg ttcaaagcaa tcaccacagt ggcagctctg 60

gttattgcta ctagcgctat ggct 84

<210> 50

<211> 84

<212> DNA

eolf-seql (3)

<213> Artificial

<220>

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gttattgcga cctctgctat ggca 84

<210> 51

<211> 60

<212> DNA

<213> Artificial

<220>

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<210> 52

<211> 87

<212> DNA

<213> Artificial

<220>

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<400> 52

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gcaggttttg ccacggttgc gcaggcc 87

<210> 53

<211> 119

<212> PRT

<213> Artificial

<220>

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<400> 53

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly

eolf-seql (3)

1	5	10	15
Ser	Leu	Arg	Leu
	20		
Ser	Cys	Ala	Ala
		25	
Ser	Gly	Phe	Thr
			30
Phe	Ala	His	Glu
Thr	Met	Val	Trp
	35		
Val	Arg	Gln	Ala
		40	
Pro	Gly	Lys	Gly
			45
Leu	Glu	Trp	Val
Ser	His	Ile	Pro
	50		
Pro	Asp	Gly	Gln
		55	
Asp	Pro	Phe	Tyr
			60
Ala	Asp	Ser	Val
Lys	Gly	Arg	Phe
	65		
Thr	Ile	Ser	Arg
	70		
Asp	Asn	Ser	Lys
		75	
Asn	Thr	Leu	Tyr
			80
Leu	Gln	Met	Asn
		85	
Ser	Leu	Arg	Ala
			90
Glu	Asp	Thr	Ala
			95
Val	Tyr	His	Cys
Ala	Leu	Leu	Pro
		100	
Lys	Arg	Gly	Pro
			105
Trp	Phe	Asp	Tyr
			110
Trp	Gly	Gln	Gly
Thr	Leu	Val	Thr
		115	
Val	Ser	Ser	

<210> 54
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 <212> DNA
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<400> 54	
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tcctgtgcgg catctggttt caccttcgca cacgaaacca tgggtgtgggt tcgccaagct	120
ccgggcaaag gcctggaatg ggtaagccac attcctccag atggccagga cccattctat	180
gcggattccg ttaagggtcg ctttaccatt tctcgtgata actccaaaaa caccctgtac	240

eolf-seql (3)

ctgcagatga actccctgcg cgccgaggat actgcggtgt accattgtgc gctgctgcct 300

aaacgtggcc cgtgggttcga ttactgggggt cagggtactc tggtcaccgt aagcagc 357

<210> 55

<211> 29

<212> PRT

<213> Artificial

<220>

<223> Synthetic sequence

<400> 55

Met	Gly	Arg	Ile	Ser	Ser	Gly	Gly	Met	Lys	Lys	Thr	Ala	Ile	Ala	Ile
1				5					10					15	

Ala	Val	Ala	Leu	Ala	Gly	Phe	Ala	Thr	Val	Ala	Gln	Ala
			20					25				