

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

1 5

<210> 2

<211> 49

<212> DNA

<213> Artificial

<220>

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49

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<211> 51

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eolf-seql (3)

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eolf-seql (3)

<400> 11
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<210> 13
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<210> 14
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eolf-seql (3)

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eolf-seql (3)

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<212> DNA
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<210> 27
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eolf-seql (3)

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<210> 28
<211> 50
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<210> 29
<211> 53
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<400> 29
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<212> DNA
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<400> 30
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<210> 31
<211> 50
<212> DNA
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eolf-seql (3)

<400> 31
gaccatatgg gcaggataag ctcgggagga atgaagaaaa ctgctatcgc 50

<210> 32
<211> 36
<212> DNA
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<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
1 5 10 15

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
1 5 10 15

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
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 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
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 cttgtgttt catcattcag tacgcaggcc 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

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gcttttatgg ctaacgcc 78

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<211> 84

<212> DNA

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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

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atggggtcgta tctcttccgg cggtatgatg ttcaaagcaa tcactaccgt tgcagctctg 60

gttattgcga cctctgctat ggca 84

<210> 51

<211> 60

<212> DNA

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<210> 52

<211> 87

<212> DNA

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<400> 52

atgggacagga taagctcggg aggaatgaag aaaactgcta tcgctattgc gggtgctctg 60

gcaggttttg ccacggttgc gcaggcc 87

<210> 53

<211> 119

<212> PRT

<213> Artificial

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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
			Phe
			30
			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
			60
			Tyr
			Ala
			Asp
			Ser
			Val
Lys	Gly	Arg	Phe
	65	Thr	Ile
		70	Ser
			Arg
			Asp
			Asn
			75
			Ser
			Lys
			Asn
			Thr
			80
			Leu
			Tyr
Leu	Gln	Met	Asn
		85	Ser
			Leu
			Arg
			Ala
			Glu
			90
			Asp
			Thr
			Ala
			Val
			95
			Tyr
			His
			Cys
Ala	Leu	Leu	Pro
		100	Lys
			Arg
			Gly
			Pro
			105
			Trp
			Phe
			Asp
			Tyr
			Trp
			110
			Gly
			Gln
			Gly
Thr	Leu	Val	Thr
		Val	Ser
			Ser
			115

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 <212> DNA
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<220>
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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 caggggtactc tggtcaccgt aagcagc 357

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<212> PRT

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<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				