

# SEQUENCE LISTING

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<120> A recombinant host cell for the production of a compound of interest

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<170> PatentIn version 3.2

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<210> 16

<211> 1992

<212> DNA

<213> *Aspergillus niger*

<400> 16

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<210> 17

<211> 1990

<212> DNA

<213> *Aspergillus niger*

<400> 17

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 <213> *Aspergillus niger*

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 <212> DNA  
 <213> *Aspergillus niger*

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<210> 20

<211> 2000

<212> DNA

<213> *Aspergillus niger*

<400> 20

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 <212> DNA  
 <213> *Aspergillus niger*

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<210> 23  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 24  
 <211> 1500  
 <212> DNA

<213> Aspergillus niger

<400> 24

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<210> 25

<211> 1500

<212> DNA

<213> Aspergillus niger

<400> 25

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<210> 26  
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 <212> DNA  
 <213> *Aspergillus niger*

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<210> 27  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 27						
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<210> 28  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 29  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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 <212> DNA  
 <213> *Aspergillus niger*

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<210> 31  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 32  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 33  
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 <212> DNA  
 <213> *Aspergillus niger*

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<210> 34  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 35  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 36  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 36

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<210> 37

<211> 1500

<212> DNA

<213> *Aspergillus niger*

<400> 37

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<210> 38  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 38  
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<210> 39  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 40  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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<210> 41  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 41						
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<210> 42  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 42						
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<210> 43  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 43

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<210> 44

<211> 1500

<212> DNA

<213> *Aspergillus niger*

<400> 44

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<210> 45  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400>	45					
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aggctatctc	atcttggtca	aaggcacgtt	cgattagcac	gatctatccg	tcctagatat	180
ggcagggctt	gctcgaaaag	ctcgggatcg	cccggctcgg	cttgtgccaa	gatgaccgga	240
gcctgcttat	ttaaggcttg	cgatttgata	ctattggtgc	tcaagagtat	gttgatactc	300
aaaagtttgg	ctcaaatata	aaagaatcat	taaaataagg	ctcaatattt	tataaggacc	360
aggataatga	tggacaaccc	ggctggacag	aagtacaata	cttgatattg	ttagtgacac	420
gtttatttag	atcacatagc	tagattatgt	aagcttagac	aagcgctcag	aataacagtc	480
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gaagctatcg	gacaatccag	cagtatttcc	agctatagtg	acggcatcaa	accatttact	780
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cggcgactct	ccgatgggt	tggcaagtcg	ccgagcacgg	ggccaacacg	atcgtctgatt	1140
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tatcgtcatc	gtatccttcc	ccacatccct	gatttccagc	tgggtatttc	tgtgcccctg	1440
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<210> 46  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400>	46					
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ggagggtgga	tcagccaatg	tcgccccct	ccttccaaac	aaacaaatca	ttcacgttgt	180
caagatgctt	cccttccctt	ctgtgacacg	gaatggccgg	agacagcgat	gttttagcca	240
ctgggattgc	agtatgtggt	ggttccgggt	aacatcgaca	tgtcagtga	tcaatcaatg	300
atgcaaaccg	ttttggtcgt	acgtaaattg	tttgtctggt	gacgggaatc	ggtctgccaa	360
cccgacgaca	gccgcatcat	agttataatt	attttagatt	atgattcggg	tgaaggagga	420
ctcggtagca	ttcatcatcg	tcacatcatg	caatcatcat	caaagatcaa	tgctctcctt	480
cgggatcagt	gtcacgggtc	cactgtggca	aaacattctg	tgtagccgat	ctggagattc	540
ctactctata	caaggataga	tgaaatcgat	ggacaataac	aacaacaaca	acatcatcat	600
catcatcatc	atcatcatca	caaaggagct	gtatacaaa	agtatagtat	gcatgtatgc	660
atgtatgtat	gtattttacgt	gggatacaga	atgtgtagag	aatcagttag	gattcggaaa	720
gtcacgactc	aagaatcctc	cgaagagggc	aagaatgttg	gtaacaaaat	aacagcaaaa	780

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ccaatctcca	gtctctctcc	tccttccctc	catctcgggt	cgtctccatc	cgctttttct	960
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<210> 47  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 47						
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ctactggggc	catctgataa	cgtgggggtc	cagttagatt	gatcccttgt	ctggggaatg	180
atttcaagac	ttgcgggtgtg	tgggacgccc	ttgcttggat	gggttggcat	gtcccaacca	240
agcttgatc	atgtggttgc	ctgaggcgat	aagagtcaat	gggaggaatg	taacatgggt	300
cacgtggtgc	accgttgttg	aaagtgttgg	gggtgaatgc	atgcctgaat	catgtggcga	360
cgatcatcag	gttttcattc	tccggactat	tcaaaggagc	atcaacggag	cacccggaaa	420
caatttgtgc	cgaggagctt	gcggctcgca	gtcatgccaa	aacggaattd	gatgtttcaa	480
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gaaataggga	ctattgctcg	agtcgcaagc	tagatggagt	ggtgtacttc	cgagcaggca	720
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<210> 48  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 48						
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gatattggat	aagccttgcc	actctgtgag	atgtcgactg	acgatgcttt	ctgtctagca	180
tggcgtaaat	atgaacacat	ctctcactac	tttcgatggc	ttcccacgag	acgatatcga	240

tggtgccc	aa agtgagtcac	tactttttgc	ctccgcagtg	cgtctgctaa	acagtagtta	300
gtacgcacca	ctcgagcccg	gattatttga	ctgcggaatg	accataaaga	cgtgatgtca	360
catctggaga	aaggaattca	caaccacttt	gccaatctgc	agcgggcgca	aactgccgca	420
cagtcgggtg	gcttggggtc	gcaacctagt	gtgactggga	ataatacctc	cggcactggg	480
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gcatcgactt	gtccctgcag	cttgtccctc	gccgtgattg	gggcggtcgg	ggcctgttgg	840
gctgtcatct	cgtgccgctg	tagtggactg	gcatcggttt	aggcacgagg	atgacggccg	900
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atgategaac	gcgacgtgtt	tattcttgca	gggaaatacc	tagggaagca	ttcagggtgg	1080
cgtttcagtt	taggttcaag	agatgaaatt	gcacctgttt	atatggacat	tgtctatcag	1140
ttccgtacag	cgtagagcgt	tcactcgcga	agaaccgcgt	ggatcgacag	cagggcatgc	1200
aataaatgca	gtttgcgcga	tcctgcgggg	cacgtggctg	cctgaggccc	aaaaagatca	1260
cgtggccgtc	aggcttgggc	gaccgactca	cggcaaaaat	tccatcaccg	gtagaaataa	1320
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cttcgtccat	cagtgctgcg	atctcactgt	cgacttttaa	tttccgtcga	cttctatcgc	1440
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<210> 49  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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cgacacggag	ttcattccat	catgcagcgg	acggtgtctc	tgaagaag	ccctaaatga	180
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acccgcgcta	acccgaatct	cggtcggcac	atttccccat	cgggcagtc	tcggattcgg	1260
agagggtaac	acacaaagta	ctatgcccaa	catgcttgcc	gaccagaaac	accacgggtcc	1320
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gcataaggtg	gtagagaggt	ataaagtcac	cgggagaagt	ccatggtctc	atagtcaaag	1440
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<210> 50

<211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

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 tactaatgaa acctccagat aaaaatggta cgtatcgagg gcaagattag ttccagggtg 180  
 gaaaaaagag agacaggggg cacaagtggg tccagcagcc aaccagccat tgggtcaaaa 240  
 gcggggaaga gagagccaca gcgggtagt ggccagagcg atgagtggcc aacggcatca 300  
 ggaacagcct gcaggcccaa ctgaccccaa cactcattgg acagcaggga gaaacatgaa 360  
 acaaagtcta agttggcatt caacgtcctg ttgctcagta aagcgaggtt tctgcccct 420  
 gaacttattt ccttttgatt atcgggggag gtggatgatg atgacatcct aatttttgga 480  
 cgggttacaa gtagtcagtt tagttgatcc cgcttttacc gttgggaccg agtggatgaat 540  
 gttactgcct ggtagactaa agtatgtact agtaagtaaa gtaccagtag tagtagtggt 600  
 gatgtactac gctgtagtga cgggacgatg tgcctgactg atgcaggtag ggaatcccgc 660  
 gcggttcatac aaagtaataa attgctatct actattgctt gaaatccaaa aaagtccgaa 720  
 cctaaaaatc cagtagggga accatcgatg acccaactaa gtatctaccg accccattaa 780  
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 aaaatcaaat tatcatcgac cttgacgggtt ttattctttc ccaacacaac attcaagatg 1500

<210> 51  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 51  
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 gatgcgttag ctgcagatca gatatgccgc tgcgtataaa gctagttaag ctgccagcgg 180  
 gacaaatgta agccaacaga caccgaaacc tctggttttg gctggtcgc ttgcgagatt 240  
 catggcctat gatacagatc aagatcgaat ccagtgttac cttgcgcaaa gcaaagtggg 300  
 cattccgatg caagggaagg ccaagcaaac aataaggcca cgcaagaggg gtaatgtgtt 360  
 cttccgccgg ggtacggtg aaagacattt cgcccataa acaccgcgcc aagaggattc 420  
 gccagggtcaa acagtctcca tagcgggggtt ttcttgggat aagccacacc acagggttctg 480  
 atctgctgat ggtagagcgt tgccagccaa cggctctccc tacactcttt tcccgaatt 540  
 attctgccta aggcactcag cctgtcagg ggcatttcta acttcttggc cagcaagaca 600  
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 tcaatcagcc ttatgtcatt atctcggtc tgtctcactc gccaaaggat tatcccgtgg 720  
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ccttcatccc	ctcttgccct	ccatcaacaa	acccaaccac	aaccacaaag	caatcaatct	1440
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<210> 52  
 <211> 1500  
 <212> DNA  
 <213> *Aspergillus niger*

<400> 52						
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cggagcgca	cttctctcaa	caaccacatt	aaaccttttag	gtatgtggta	ttctcccgca	180
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gtcatcatcg	ccgccaacac	tcctcctctt	cgcaagagtg	agcttgagta	ctacgccatg	660
ctcgccaagg	cccccgcca	ccacttctcc	ggcaacaacg	tgagtgactg	cgatcagatc	720
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