

SEQUENCE LISTING

<110> CureVac GmbH
 <120> Mannose-containing solution for lyophilization, transfection and/or injection of at least one nucleic acid (sequence) and uses thereof
 <130> CU01P085wo
 <160> 4
 <170> PatentIn version 3.5
 <210> 1
 <211> 1857
 <212> RNA
 <213> Artificial Sequence
 <220>
 <223> Description of Artificial Sequence: mRNA coding for Photinus pyralis luciferase: pCV19-Pp luc(GC)-muag-A70-C30

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 ggugccgggc acgaucgccu ucaccgacgc ccacaucgag gucgacauca ccuacgcgga 180
 guacuucgag augagcgugc gccuggccga ggccaugaag cgguacggcc ugaacaccaa 240
 ccaccggauc guggugugcu cggagaacag ccugcaguuc uucaugccgg ugcuggg'gcg 300
 ccucuucauc ggcguggccg ugcgcccggc gaacgacauc uacaacgagc gggagcugcu 360
 gaacagcaug gggaucaagg agccgaccgu gguguucgug agcaagaagg gccugcagaa 420
 gauccugaac gugcagaaga agcugcccau cauccagaag aucaucauca uggacagcaa 480
 gaccgacuac cagggcuucc agucgaugua cacguucgug accagccacc ucccgccggg 540
 cuucaacgag uacgacuucg ucccggagag cuucgaccgg gacaagacca ugcgccugau 600
 caugaacagc agcggcagca ccggccugcc gaagggggug gcccugccgc accggaccgc 660
 cugcgugcgc uucucgcacg cccgggaccc caucuucggc aaccagauca ucccggacac 720
 cgccauccug agcguuggug cguuccacca cggcuucggc auguucacga cccugggcuu 780
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 cgaccggcug aagucgcuga ucaaguacaa gggcuaccag guggcgccgg ccgagcugga 1380

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gaaggagauc	gucgacuacg	uggccagcca	ggugaccacc	gccaagaagc	ugcggggcgg	1560
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ccgcgagauc	cugaucaagg	ccaagaagg	cggcaagauc	gccguguaag	acuaguuaa	1680
agacugacua	gcccgauggg	ccucccaacg	ggccuccuc	cccuccuugc	accgagauua	1740
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<210> 2
 <211> 1365
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: mRNA coding for Gallus gallus ovalbumin: CAP-GgOva(GC)-muag-A70-C30

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augagcgcgc	ucgccauugu guaccugggc gccaaaggaca gcacccggac gcagaucaac 180
aaggugguuc	gcuucgacaa gcugcccggc uucggggacu cgaucgaggc gcagugcggc 240
accagcguga	acgugcacag cucgcuccgg gacauccuga accagaucaac caagccgaac 300
gacgucuaca	gcuucagccu ggccucgcgg cucuacgccg aggagcgcu cccgauccug 360
cccagauacc	ugcagugcgu gaaggagcuc uaccggggcg ggcuggagcc gaucaacuuc 420
cagacggcgg	ccgaccaggc ccgggagcug aucaacagcu ggguggagag ccagaccaac 480
ggcaucaucc	gcaacguccu ccagccgucg agcguggaca gccagaccgc gauggugcug 540
gucaacgcca	ucguguucaa gggccugugg gagaagacgu ucaaggacga ggacaccag 600
gccaugcccu	uccgggugac cgagcaggag ucgaagccgg uccagaugau guaccagauc 660
gggcucuucc	ggguggcgag cauggccagc gagaagauga agauccugga gcugccguuc 720
gccucgggca	cgaugagcau gcucgugcug cugcccagcg agguacagcg ccucgagcag 780
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aucagcucgg	ccgagagccu gaagauacag caggcgguug acgccgccca cgcggagauc 1020
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gccgugcucu	ucuucggccg gugcgugucg ccugagcac uaguuaaag acugacuagc 1200
ccgauggggc	ucccaacggg ccuccuccc cuccuugcac cgagauuaau aaaaaaaaaa 1260

aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaauauucc	1320
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<210> 3
 <211> 13
 <212> RNA
 <213> Unknown

<220>
 <223> Description of sequence: Kozak sequence

<400> 3 gccgccacca ugg	13
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<210> 4
 <211> 15
 <212> RNA
 <213> Artificial

<220>
 <223> Description of sequence: generic stabilizing sequence of the formula (C/U)CCANxCCC(U/A)PyxUC(C/U)CC

<220>
 <221> variation
 <222> (1)..(1)
 <223> /replace="cytosine"
 /replace="uracile"

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> nucleic acid = cytosine or uracil

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> Nx = a, g, c or u or any other nucleic acid

<220>
 <221> variation
 <222> (5)..(5)
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 /replace="uracile"
 /replace="guanosine"
 /replace="adenosine", or any other nucleic acid

<220>
 <221> repeat_unit
 <222> (5)..(5)
 <223> x = any number

<220>
 <221> misc_feature
 <222> (9)..(9)
 <223> nucleic acid = uracil or adenosine

<220>
 <221> variation
 <222> (9)..(9)
 <223> /replace="uracile"
 /replace="adonosine"

<220>

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<221> misc_feature
<222> (10)..(10)
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<221> repeat_unit
<222> (10)..(10)
<223> x = any number

<220>
<221> variation
<222> (10)..(10)
<223> /replace="pyrimidine"

<220>
<221> misc_feature
<222> (13)..(13)
<223> nucleic acid = cytosine or uracil

<220>
<221> variation
<222> (13)..(13)
<223> /replace="cytosine"
      /replace="uracile"

<400> 4
nccancccn ucnc

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15