

LISTE DE SEQUENCES

<110> Glycode SAS

<120> Levures génétiquement modifiées pour la production de glycoprotéines homogènes

<130> D25151

<150> FR0753050

<151> 2007-02-02

<160> 27

<170> PatentIn version 3.3

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<212> ADN

<213> Caenorhabditis elegans

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<223> alpha-1-2 mannosidase I

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<213> Homo sapiens

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<223> N-acétyl-glucosaminyl transférase I comprenant la partie cytoplasmique de Mnn9 pour une localisation golgienne

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<223> Transporteur d'UDP-GlcNAc

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<210> 8

<211> 1136

<212> ADN

<213> Homo sapiens

<220>

<223> Transporteur de GDP-fucose

<400> 8

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tgctcaagt	acgtcggtgt	ggccttctac	aatgtgggcc	gctcactcac	caccgtcttc	480
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<210> 9

<211> 268

<212> ADN

<213> herpes simplex virus

<220>

<223> Promoteur de la thymidine kinase

<400> 9

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gaatgtttcc	acccaatgtc	gagcaaaacc	cgcccagcgt	cttgtcattg	gcgaattcga	180
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<210> 10

<211> 990

<212> ADN

<213> Homo sapiens

<220>

<223> Sialyltransférase (NM_006278)

<400> 10

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<210> 11
 <211> 681
 <212> ADN
 <213> Séquence artificielle

<220>
 <223> Séquence de l'EPO modifiée

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 gtcctgcggg gccaggccct gttggtcaac tcttccagc cgtgggagcc cctgcagctg 360
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 aagctgtaca caggggaggc ctgcaggaca ggcgacagaa agggcgagct tcgaggtcac 600
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<210> 12
 <211> 225
 <212> PRT
 <213> Séquence artificielle

<220>
 <223> EPO séquencée dans le plasmide d'expression

<400> 12

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			20					25					30		
Ile	Cys	Asp	Ser	Arg	Val	Leu	Glu	Arg	Tyr	Leu	Leu	Glu	Ala	Lys	Glu
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Ala	Glu	Asn	Ile	Thr	Thr	Gly	Cys	Ala	Glu	His	Cys	Ser	Leu	Asn	Glu
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65					70					75				80	
Met	Glu	Val	Gly	Gln	Gln	Ala	Val	Glu	Val	Trp	Gln	Gly	Leu	Ala	Leu
				85				90						95	
Leu	Ser	Glu	Ala	Val	Leu	Arg	Gly	Gln	Ala	Leu	Leu	Val	Asn	Ser	Ser
			100					105					110		
Gln	Pro	Trp	Glu	Pro	Gln	Leu	His	Val	Asp	Lys	Ala	Val	Ser	Gly	Leu
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Ile	Ser	Pro	Pro	Asp	Ala	Ala	Ser	Ala	Ala	Pro	Leu	Arg	Thr	Ile	Thr
145				150						155				160	
Ala	Asp	Thr	Phe	Arg	Lys	Leu	Phe	Arg	Val	Tyr	Ser	Asn	Phe	Leu	Arg
			165						170					175	
Gly	Lys	Leu	Lys	Leu	Tyr	Thr	Gly	Glu	Ala	Cys	Arg	Thr	Gly	Asp	Arg
			180					185					190		
Lys	Gly	Glu	Leu	Arg	Gly	His	Pro	Phe	Glu	Gly	Lys	Pro	Ile	Pro	Asn
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210 215 220
His
225

<210> 13
<211> 51
<212> ADN
<213> Séquence artificielle

<220>
<223> Partie cytoplasmique de mmn9

<400> 13
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<210> 14
<211> 246
<212> ADN
<213> *Saccharomyces cerevisiae*

<400> 14
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tccgctgcat ttgattttac ctccaggatct atatcccctg aacaacaagt catctctgag 180
gaaaatgatg ctaaaaaatt agagcaaagt gctctgaatt cagaggcaag cgaagactcc 240
gaagcc 246

<210> 15
<211> 274
<212> ADN
<213> Séquence artificielle

<220>
<223> CYC1 terminateur seul

<400> 15
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tatttttttta tagttatggt agtattaaga acgttatttta tatttcaaatt ttttcttttt 180
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ttgggacgct cgaaggcttt aatttgcaag ctgc 274

<210> 16
<211> 679
<212> ADN
<213> *Saccharomyces cerevisiae*

<220>
<223> Promoteur pGAP

<400> 16
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tgccaaaata gggggcggtt tacacagaat atataacact gatggtgctt ggggtgaacag 180
gtttattcct ggcattccact aaatataatg gagcccgtt ttaagctgg catccagaaa 240
aaaaaagaat cccagcacca aaatattggt ttcttcacca accatcagtt cataggtcca 300
ttctcttagc gcaactacag agaacagggc acaaacaggc aaaaaacggg cacaacctca 360

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gaaaaaaaaag	gttgaaacca	gttccttgaa	attattcccc	tacttgacta	ataagtatat	540
aaagacggta	ggtattgatt	gtaattctgt	aaatctattt	cttaaacttc	ttaaattcta	600
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<210> 17
 <211> 451
 <212> ADN
 <213> *Saccharomyces cerevisiae*

<220>
 <223> Promoteur pGAL1

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taacagatat	ataaatgcaa
ggtttgtatt	acttcttatt
ctctatactt	taacgtcaag
	gagaaaaaac
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	420
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<210> 18
 <211> 603
 <212> ADN
 <213> *Saccharomyces cerevisiae*

<220>
 <223> Promoteur PGK

<400> 18	
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	360
	420
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	540
	600
	603

<210> 19
 <211> 409
 <212> ADN
 <213> *Saccharomyces cerevisiae*

<220>
 <223> Promoteur TEF

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	120
	180

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aataaacggt	cttcaatttc	tcaagtttca	gtttcatttt	tcttgttcta	ttacaacttt	360
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<210> 20
 <211> 936
 <212> ADN
 <213> *Saccharomyces cerevisiae*

<220>
 <223> Promoteur PMA1

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<210> 21
 <211> 504
 <212> ADN
 <213> Cauliflower mosaic virus

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tcaaaagata	agtctcagaa	gaccaaaggg	ctattgagac	ttttcaacaa	aggataattt	180
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<210> 22
 <211> 623
 <212> ADN
 <213> *Saccharomyces cerevisiae*

<220>
 <223> Promoteur Pho5

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<210> 23
<211> 1501
<212> ADN
<213> Saccharomyces cerevisiae

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<220>
<223> Promoteur d'une protéine de liaison à l'actine

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<210> 24
<211> 384
<212> ADN
<213> Saccharomyces cerevisiae

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<220>
<223> Promoteur putatif CYC1

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ccacgcgtag gcaatcctcg agcagatccg ccaggcgtgt atatagcgtg gatggccagg 180
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<210> 25
 <211> 444
 <212> ADN
 <213> Schizosaccharomyces pombe

<220>
 <223> Promoteur CYC1

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<210> 26
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 <212> ADN
 <213> Saccharomyces cerevisiae

<220>
 <223> promoteur ADH2

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<210> 27
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