

SEQUENCE LISTING

<110> Novozymes A/S

<120> PROCESSES FOR PRODUCING FERMENTATION PRODUCTS

<130> 11486.204-WO

<160> 1

<170> PatentIn version 3.5

<210> 1

<211> 309

<212> PRT

<213> Bacillus sp.

<400> 1

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Gly	Asn	Pro	Phe	Val	Met	Arg	Gly	Ile	Asn	His	Gly	His	Ala	Trp	Tyr
			20					25					30		

Lys	Asp	Gln	Ala	Thr	Thr	Ala	Ile	Glu	Gly	Ile	Ala	Asn	Thr	Gly	Ala
		35					40					45			

Asn	Thr	Val	Arg	Ile	Val	Leu	Ser	Asp	Gly	Gly	Gln	Trp	Thr	Lys	Asp
	50					55					60				

Asp	Ile	His	Thr	Val	Arg	Asn	Leu	Ile	Ser	Leu	Ala	Glu	Asp	Asn	His
65					70					75					80

Leu	Val	Ala	Val	Leu	Glu	Val	His	Asp	Ala	Thr	Gly	Tyr	Asp	Ser	Ile
				85					90					95	

Ala	Ser	Leu	Asn	Arg	Ala	Val	Asp	Tyr	Trp	Ile	Glu	Met	Arg	Ser	Ala
			100					105					110		

Leu	Ile	Gly	Lys	Glu	Asp	Thr	Val	Ile	Ile	Asn	Ile	Ala	Asn	Glu	Trp
		115					120					125			

Phe	Gly	Ser	Trp	Glu	Gly	Asp	Ala	Trp	Ala	Asp	Gly	Tyr	Lys	Gln	Ala
	130					135					140				

Ile	Pro	Arg	Leu	Arg	Asn	Ala	Gly	Leu	Asn	His	Thr	Leu	Met	Val	Asp
145					150					155					160

Ala	Ala	Gly	Trp	Gly	Gln	Phe	Pro	Gln	Ser	Ile	His	Asp	Tyr	Gly	Arg
				165					170					175	

Glu Val Phe Asn Ala Asp Pro Gln Arg Asn Thr Met Phe Ser Ile His
180 185 190

Met Tyr Glu Tyr Ala Gly Gly Asn Ala Ser Gln Val Arg Thr Asn Ile
195 200 205

Asp Arg Val Leu Asn Gln Asp Leu Ala Leu Val Ile Gly Glu Phe Gly
210 215 220

His Arg His Thr Asn Gly Asp Val Asp Glu Ala Thr Ile Met Ser Tyr
225 230 235 240

Ser Glu Gln Arg Gly Val Gly Trp Leu Ala Trp Ser Trp Lys Gly Asn
245 250 255

Gly Pro Glu Trp Glu Tyr Leu Asp Leu Ser Asn Asp Trp Ala Gly Asn
260 265 270

Asn Leu Thr Ala Trp Gly Asn Thr Ile Val Asn Gly Pro Tyr Gly Leu
275 280 285

Arg Glu Thr Ser Arg Leu Ser Thr Val Phe Thr Gly Gly Gly Ser Asp
290 295 300

Gly Gly Thr Ser Pro
305