

SEQUENCE LISTING

<110> BONUMOSE LLC

<120> ENZYMATIC PRODUCTION OF MANNOSE

<130> 146.0012-W000

<140> PCT/US20/17708

<141> 2020-02-11

<150> 62/804,426

<151> 2019-02-12

<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 223

<212> PRT

<213> Thermobifida cellulosilytica TB100

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Met Ile Ser Asp Ser Asp Pro Gln Ile Pro Gln Ala Val Leu Phe Asp
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Met Asp Gly Thr Leu Ile Asp Thr Glu Pro Met Trp Met Asp Thr Glu
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Ala Glu Val Ala Ala Ala Phe Gly Tyr Thr Trp Thr Ala Glu Asp Gln
35 40 45

Gln Arg Cys Leu Gly Gly Ser Ala Ala Ala Val Ala Asp Leu Ile Ala
50 55 60

Glu Arg Ser Gly Thr Arg Thr Pro Gln Ser Glu Ile Val Ala Met Leu
65 70 75 80

Tyr Ala Ala Val Glu Arg Arg Met Ala Glu Gly Val Pro Val Arg Pro
85 90 95

Gly Ala Lys Glu Leu Leu Thr Glu Leu Glu Ala Gln Gly Val Pro Met

100	105	110
Ala Leu Val Thr Ser Thr Tyr Arg Ser Leu Leu Thr Val Ala Leu Arg		
115	120	125
Ala Ile Gly Glu His Tyr Phe Ala Val Ser Val Ala Gly Asp Glu Val		
130	135	140
Thr Arg Asn Lys Pro His Pro Glu Pro Tyr Leu Arg Ala Ala Arg Leu		
145	150	155
Leu Gly Val Asp Pro Arg Arg Cys Val Ala Val Glu Asp Ser Pro Thr		
165	170	175
Gly Val Ala Ser Ala Gln Ala Ala Gly Cys Thr Val Val Ala Val Pro		
180	185	190
His Met Ala Ser Val Pro Ala Ala Glu Arg Arg Tyr Val Val Gly Ser		
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Leu Glu Glu Val Asp Leu Ala Trp Leu Arg Arg Val Ser Pro Ala		
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<220>
 <223> motif

<220>
 <221> misc_feature
 <222> (3)..(5)
 <223> Xaa can be any naturally occurring amino acid

<400> 2

Gly Asp Xaa Xaa Xaa Asp
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