

SEQUENCE LISTING

<110> Transgene SA

<120> M2-defective poxvirus

<130> B377256PCT-D39862

<150> EP 18306874.1

<151> 2018-12-28

<150> EP 19306022.5

<151> 2019-08-21

<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 220

<212> PRT

<213> Vaccinia virus

<400> 1

Met Val Tyr Lys Leu Val Leu Leu Phe Cys Ile Ala Ser Leu Gly Tyr
1 5 10 15

Ser Val Glu Tyr Lys Asn Thr Ile Cys Pro Pro Arg Gln Asp Tyr Arg
20 25 30

Tyr Trp Tyr Phe Ala Ala Glu Leu Thr Ile Gly Val Asn Tyr Asp Ile
35 40 45

Asn Ser Thr Ile Ile Gly Glu Cys His Met Ser Glu Ser Tyr Ile Asp
50 55 60

Arg Asn Ala Asn Ile Val Leu Thr Gly Tyr Gly Leu Glu Ile Asn Met
65 70 75 80

Thr Ile Met Asp Thr Asp Gln Arg Phe Val Ala Ala Ala Glu Gly Val
85 90 95

Gly Lys Asp Asn Lys Leu Ser Val Leu Leu Phe Thr Thr Gln Arg Leu

100

105

110

Asp Lys Val His His Asn Ile Ser Val Thr Ile Thr Cys Met Glu Met
 115 120 125

Asn Cys Gly Thr Thr Lys Tyr Asp Ser Asp Leu Pro Glu Ser Ile His
 130 135 140

Lys Ser Ser Ser Cys Asp Ile Thr Ile Asn Gly Ser Cys Val Thr Cys
 145 150 155 160

Val Asn Leu Glu Thr Asp Pro Thr Lys Ile Asn Pro His Tyr Leu His
 165 170 175

Pro Lys Asp Lys Tyr Leu Tyr His Asn Ser Glu Tyr Gly Met Arg Gly
 180 185 190

Ser Tyr Gly Val Thr Phe Ile Asp Glu Leu Asn Gln Cys Leu Leu Asp
 195 200 205

Ile Lys Glu Leu Ser Tyr Asp Ile Cys Tyr Arg Glu
 210 215 220

<210> 2

<211> 214

<212> PRT

<213> Myxoma virus

<400> 2

Met Ala Arg Tyr Ile Ile Ile Val Leu Ala Cys Leu Val Ala Thr Ser
 1 5 10 15

Thr Cys Ala Thr Tyr Pro Lys Lys Tyr Trp His Leu Ala Ala Glu Leu
 20 25 30

Thr Ile Gly Leu Asn Arg Tyr Val Glu Thr Val Met Gly Glu Cys His
 35 40 45

Met Lys Glu Arg Cys Asp His Lys Thr Ser Thr Leu Ile Leu Thr Gly
50 55 60

Tyr Gly Leu Met Ile Asn Ile Thr Ile Thr Asn Val Val Gln Arg Phe
65 70 75 80

Val Ala Ala Ser Ala Gly Ala Gly Asp Gly Asn Lys Leu Ser Ile Met
85 90 95

Leu Phe Thr Thr His Pro Leu Thr Lys Tyr Ser Asp Ile Tyr Leu Thr
100 105 110

Ile Thr Cys Leu Glu Pro Glu Gly Asp Val Gly Asn Tyr Gly Asn Gln
115 120 125

Leu Pro Asp Ser Leu His His Asn Lys Asp Val Ser Ile Thr Ile Leu
130 135 140

Gly Ser Cys Val Thr Cys Val Asn Leu Glu Thr Asn Pro Ile Lys Val
145 150 155 160

Asn Pro His Phe Thr His Pro Ile Ser Met Phe Val Tyr Asp Asn Lys
165 170 175

Glu Asp Val Arg Gly Ser Tyr Gly Val Thr Phe Glu Asp Glu Leu Asn
180 185 190

Val Cys Phe Leu Asp Ile Lys Lys Val Ser Tyr Asp Leu Cys Tyr Arg
195 200 205

Gln Thr Arg Tyr Leu Ile
210