

SEQUENCE LISTING

<110> YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW
UNIVERSITY OF JERUSALEM LTD.

<120> E PROTEIN CHANNEL BLOCKERS AND ORF3 INHIBITORS AS ANTI-COVID-19
AGENTS

<130> HUJI-P-059-PCT

<150> 63/018,598

<151> 2020-05-01

<150> 63/117,619

<151> 2020-11-24

<160> 2

<170> PatentIn version 3.5

<210> 1

<211> 75

<212> PRT

<213> Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)

<400> 1

Met	Tyr	Ser	Phe	Val	Ser	Glu	Glu	Thr	Gly	Thr	Leu	Ile	Val	Asn	Ser
1				5					10					15	

Val	Leu	Leu	Phe	Leu	Ala	Phe	Val	Val	Phe	Leu	Leu	Val	Thr	Leu	Ala
			20					25					30		

Ile	Leu	Thr	Ala	Leu	Arg	Leu	Cys	Ala	Tyr	Cys	Cys	Asn	Ile	Val	Asn
		35					40					45			

Val	Ser	Leu	Val	Lys	Pro	Ser	Phe	Tyr	Val	Tyr	Ser	Arg	Val	Lys	Asn
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Leu	Asn	Ser	Ser	Arg	Val	Pro	Asp	Leu	Leu	Val
65					70					75

<210> 2

<211> 275

<212> PRT

<213> Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)

<400> 2

Met Asp Leu Phe Met Arg Ile Phe Thr Ile Gly Thr Val Thr Leu Lys
1 5 10 15

Gln Gly Glu Ile Lys Asp Ala Thr Pro Ser Asp Phe Val Arg Ala Thr
20 25 30

Ala Thr Ile Pro Ile Gln Ala Ser Leu Pro Phe Gly Trp Leu Ile Val
35 40 45

Gly Val Ala Leu Leu Ala Val Phe Gln Ser Ala Ser Lys Ile Ile Thr
50 55 60

Leu Lys Lys Arg Trp Gln Leu Ala Leu Ser Lys Gly Val His Phe Val
65 70 75 80

Cys Asn Leu Leu Leu Leu Phe Val Thr Val Tyr Ser His Leu Leu Leu
85 90 95

Val Ala Ala Gly Leu Glu Ala Pro Phe Leu Tyr Leu Tyr Ala Leu Val
100 105 110

Tyr Phe Leu Gln Ser Ile Asn Phe Val Arg Ile Ile Met Arg Leu Trp
115 120 125

Leu Cys Trp Lys Cys Arg Ser Lys Asn Pro Leu Leu Tyr Asp Ala Asn
130 135 140

Tyr Phe Leu Cys Trp His Thr Asn Cys Tyr Asp Tyr Cys Ile Pro Tyr
145 150 155 160

Asn Ser Val Thr Ser Ser Ile Val Ile Thr Ser Gly Asp Gly Thr Thr
165 170 175

Ser Pro Ile Ser Glu His Asp Tyr Gln Ile Gly Gly Tyr Thr Glu Lys
180 185 190

Trp Glu Ser Gly Val Lys Asp Cys Val Val Leu His Ser Tyr Phe Thr
195 200 205

Ser Asp Tyr Tyr Gln Leu Tyr Ser Thr Gln Leu Ser Thr Asp Thr Gly
210 215 220

Val Glu His Val Thr Phe Phe Ile Tyr Asn Lys Ile Val Asp Glu Pro
225 230 235 240

Glu Glu His Val Gln Ile His Thr Ile Asp Gly Ser Ser Gly Val Val
245 250 255

Asn Pro Val Met Glu Pro Ile Tyr Asp Glu Pro Thr Thr Thr Thr Ser
260 265 270

Val Pro Leu
275