

4829194_1.txt
SEQUENCE LISTING

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Tang, Aimin
Chen, Zhifeng
DiStefano, Daniel
Zhang, Lan
Su, Hua-Poo

<120> MONOCLONAL ANTIBODY NEUTRALIZING HUMAN RESPIRATORY SYNCYTIAL
VIRUS

<130> 24158-US-PCT

<140> US62/247,841
<141> 2015-10-29

<140> US 62/367,359
<141> 2016-07-27

<160> 22

<170> PatentIn version 3.5

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Val Lys Gly

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Gln Gln Phe Leu Asp Phe Pro Phe Thr
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Ser Leu Arg Leu Ser Cys Thr Val Ser Gly Phe Ser Phe Asp Asp Ser
20 25 30

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ser Phe Ile Lys Ser Lys Thr Tyr Gly Gly Thr Lys Glu Tyr Ala Ala
50 55 60

Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Ile
65 70 75 80

Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
85 90 95

Tyr Cys Thr Arg Gly Ala Pro Tyr Gly Gly Asn Ser Asp Tyr Tyr Tyr
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Gly Leu Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
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Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
 35 40 45

Phe Asp Ala Ser Ser Leu Glu Thr Gly Val Pro Ser Arg Phe Ser Gly
 50 55 60

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

Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
 35 40 45

Ser Phe Ile Lys Ser Lys Thr Tyr Gly Gly Thr Lys Glu Tyr Ala Ala
 50 55 60

Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Ile
 65 70 75 80

Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
 85 90 95

Tyr Cys Thr Arg Gly Ala Pro Tyr Gly Gly Asn Ser Asp Tyr Tyr Tyr
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100

105

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Gly Leu Asp Val Trp Gly Gln Gly Thr Thr Val Ile Val Ser Ser
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Val His Ser

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<400> 11

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Val His Ser Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Arg
 20 25 30

Pro Gly Arg Ser Leu Arg Leu Ser Cys Thr Val Ser Gly Phe Ser Phe
 35 40 45

Asp Asp Ser Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 50 55 60

Glu Trp Ile Ser Phe Ile Lys Ser Lys Thr Tyr Gly Gly Thr Lys Glu
 65 70 75 80

Tyr Ala Ala Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser
 85 90 95

Lys Asn Ile Ala Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr
 100 105 110

Ala Val Tyr Tyr Cys Thr Arg Gly Ala Pro Tyr Gly Gly Asn Ser Asp
 115 120 125

Tyr Tyr Tyr Gly Leu Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val
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Ser Ser
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<212> PRT
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<223> RB1 VL and leader

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20 25 30

Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Thr Ser Gln Asp Val
35 40 45

Arg Gly Ala Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys
50 55 60

Leu Leu Ile Phe Asp Ala Ser Ser Leu Glu Thr Gly Val Pro Ser Arg
65 70 75 80

Phe Ser Gly Ser Gly Ser Gly Thr Val Phe Thr Leu Thr Ile Ser Ser
85 90 95

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

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser
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 Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Gln Thr
 65 70 75 80
 Tyr Ile Cys Asn Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys
 85 90 95
 Lys Val Glu Pro Lys Ser Cys Asp Lys Thr His Thr Cys Pro Pro Cys
 100 105 110
 Pro Ala Pro Glu Leu Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro
 115 120 125
 Lys Pro Lys Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys
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 Val Val Val Asp Val Ser His Glu Asp Pro Glu Val Lys Phe Asn Trp
 145 150 155 160
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 165 170 175
 Glu Gln Tyr Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu
 180 185 190
 His Gln Asp Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn
 195 200 205
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 225 230 235 240
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 245 250 255
 Pro Ser Asp Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn
 260 265 270
 Asn Tyr Lys Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe
 275 280 285
 Leu Tyr Ser Lys Leu Thr Val Asp Lys Ser Arg Trp Gln Gln Gly Asn
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Gln Lys Ser Leu Ser Leu Ser Pro Gly Lys
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aggttcagcg gcagtggatc tgggacagtt ttcactctca ccatcagcag cctgcagcct 240
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