

SEQUENCE LISTING

<110> Equillium, Inc.
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Ng, Cherie

<120> COMPOSITIONS AND METHODS FOR TREATING SEVERE ASTHMA

<130> EQIL-006/01WO 330372-2026

<150> US 62/636,092

<151> 2018-02-27

<160> 10

<170> PatentIn version 3.5

<210> 1

<211> 119

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VH sequence

<400> 1

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

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

Ala	Thr	Ile	Ser	Ser	Gly	Gly	Ser	Tyr	Ile	Tyr	Tyr	Pro	Asp	Ser	Val
	50					55					60				

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

Leu	Gln	Met	Ser	Ser	Leu	Arg	Ser	Glu	Asp	Thr	Ala	Met	Tyr	Tyr	Cys
			85					90						95	

Ala	Arg	Arg	Asp	Tyr	Asp	Leu	Asp	Tyr	Phe	Asp	Ser	Trp	Gly	Gln	Gly
			100					105					110		

Thr Leu Val Thr Val Ser Ser
115

<210> 2
<211> 107
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized T1h VL sequence

<400> 2

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Lys Ala Ser Arg Asp Ile Arg Ser Tyr
20 25 30

Leu Thr Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Thr Leu Ile
35 40 45

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

Ser Gly Ser Gly Gln Asp Tyr Ser Leu Thr Ile Ser Ser Leu Glu Ser
65 70 75 80

Asp Asp Thr Ala Thr Tyr Tyr Cys Leu Gln His Gly Glu Ser Pro Phe
85 90 95

Thr Leu Gly Ser Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 3
<211> 357
<212> DNA
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized T1h VH nucleic acid sequence

<400> 3

gaagtgcagc tgggtggagtc tgggggaggc ttagtgaagc ctggagggtc cctgaaactc	60
tcctgtgcag cctctggatt caagtttagt agatatgcc a tgtcttgggt tcgccaggct	120
ccggggaaga ggctggagtg ggtcgcaacc attagtagtg gtggtagtta catctactat	180
ccagacagtg tgaagggtcg attcaccatc tccagagaca atgtcaagaa caccctgtat	240
ctgcaaatga gcagtctgag gtctgaggac acggccatgt attactgtgc aagacgagat	300
tacgacctgg actactttga ctcctggggc caaggcacc ttgtcaccgt ctcctca	357

<210> 4
 <211> 321
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Made in Lab - humanized T1h VL nucleic acid sequence

<400> 4	
gacatccaga tgaccagtc tccatcctcc ctgtctgcat cggtgggaga cagagtcact	60
atcacttgca aggcgagtcg ggacattaga agctatttaa cctggtacca gcagaaacca	120
gggaaagctc ctaagaccct gatctattat gcaacaagct tggcagatgg ggtcccgtcg	180
agattcagtg gcagtggatc tgggcaagat tattctctca ccatcagcag cctggagtct	240
gacgatacag caacttacta ctgtctacaa catggtgaga gtccattcac gctcggctcg	300
gggaccaagc tggaaatcaa a	321

<210> 5
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Made in Lab - humanized T1h VH CDR1

<400> 5

Gly	Phe	Lys	Phe	Ser	Arg	Tyr	Ala	Met	Ser
1				5					10

<210> 6
 <211> 17
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VH CDR2

<400> 6

Thr	Ile	Ser	Ser	Gly	Gly	Ser	Tyr	Ile	Tyr	Tyr	Pro	Asp	Ser	Val	Lys
1				5					10					15	

Gly

<210> 7

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VH CDR3

<400> 7

Arg	Asp	Tyr	Asp	Leu	Asp	Tyr	Phe	Asp	Ser
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<210> 8

<211> 11

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VL CDR1

<400> 8

Lys	Ala	Ser	Arg	Asp	Ile	Arg	Ser	Tyr	Leu	Thr
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<210> 9

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VL CDR2

<400> 9

Tyr Ala Thr Ser Leu Ala Asp

1

5

<210> 10

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized T1h VL CDR3

<400> 10

Leu Gln His Gly Glu Ser Pro

1

5