

7700A-WO_HDVI3_SEQ Listing_ST25
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<110> Regeneron Pharmaceuticals, Inc

<120> Mice That Produce Antigen-Binding Proteins With pH-Dependent Binding Characteristics

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<150> 61/613,352
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Val Ser Leu Ala Leu
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Val Ser Leu Ala Arg
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Val Ser Trp Glu Pro Leu
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<210> 14

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Tyr Gln Leu Leu Tyr
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Trp Cys Met Leu Tyr
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Arg Thr Leu Tyr Ser Trp Cys Met Pro Tyr
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Ser Thr Leu Trp Trp Ser Leu Pro Phe
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7700A-WO_HDVI3_SEQ Listing_ST25

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Val Leu Arg Phe Leu Glu Trp Leu Leu Tyr
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Val Ser Pro Phe Leu Glu Trp Ser Leu Tyr
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Val Leu Arg Tyr Phe Asp Trp Leu Leu
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Val Ser Pro Tyr Phe Asp Trp Ser Leu
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Val Leu Leu Trp Phe Gly Glu Leu Leu
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Leu Arg Leu Gly Glu Leu Ser Leu Tyr
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Ser Arg Leu Gly Glu Ser Ser Leu Tyr
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Trp Leu Leu Leu
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Val Ser Leu Ser
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Trp Ser Leu Leu
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Pro Arg Ser Leu
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7700A-WO_HDVI3_SEQ Listing_ST25

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Thr Trp Pro Pro Leu
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<400> 44

Pro Trp Leu Val
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<210> 46

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<400> 46

Tyr His Trp His Asp
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Tyr Asn Trp Asn Tyr
1 5

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Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Gly His Ser His Gly Trp Tyr Tyr Tyr Tyr Gly Met Asp Val Trp
100 105 110

Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 314
<211> 96
<212> PRT
<213> Homo sapiens
<400> 314

Gln Val Gln Leu Gln Gln Trp Gly Ala Gly Leu Leu Lys Pro Ser Glu
1 5 10 15

Thr Leu Ser Leu Thr Cys Ala Val Tyr Gly Gly Ser Phe Ser Gly Tyr
20 25 30

Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Glu Ile Asn His Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
50 55 60

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

Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

<210> 315
<211> 355
<212> DNA
<213> Homo sapiens
<400> 315

caggtgcagc tgcaggagtc gggcccagga ctggtgaagc cttcacagac cctgtccctc	60
acctgcactg tctctggtgg ctccatcagc agtgggtggt actactggag ctggatccgc	120
cagcaccag ggaagggcct ggagtggatt gggtagatct attacagtgg gagcacctac	180
tacaaccgt ccctcaagag tcgagttacc atatcagtag acacgtctaa gaaccagttc	240
tcctgaagc tgagctctgt gactgccgcg gacacggccg tgtattactg tgcgaggggg	300

gaccacgggtc actacgacta ctggggccag ggaaccctgg tcaccgtctc ctacg

355

<210> 316
 <211> 118
 <212> PRT
 <213> Homo sapiens

<400> 316

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
 20 25 30

Gly Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

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

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95

Cys Ala Arg Gly Asp His Gly His Tyr Asp Tyr Trp Gly Gln Gly Thr
 100 105 110

Leu Val Thr Val Ser Ser
 115

<210> 317
 <211> 98
 <212> PRT
 <213> Homo sapiens

<400> 317

Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Gly
 20 25 30

Gly Tyr Tyr Trp Ser Trp Ile Arg Gln His Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

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

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Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala

<210> 318
<211> 370
<212> DNA
<213> Homo sapiens

<400> 318
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acctgcactg tctctggtgg ctccatcagc agtagtagtt actactgggg ctggatccgc 120
cagccccag ggaaggggct ggagtggatt gggagtatct attatagtgg gagcacctac 180
tacaaccgt ccctcaagag tcgagtcacc atatccgtag acacgtccaa gaaccagttc 240
tcctgaagc tgagctctgt gaccgccgca gacacggctg tgtattactg tgcgagacat 300
gaagggcata gccaccttaa ctggttcgac ccctggggcc aggggggaac cctggtcacc 360
gtctcctcag 370

<210> 319
<211> 123
<212> PRT
<213> Homo sapiens

<400> 319
Gln Leu Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
1 5 10 15
Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Ser
20 25 30
Ser Tyr Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
35 40 45
Trp Ile Gly Ser Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
50 55 60
Leu Lys Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe
65 70 75 80
Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
85 90 95
Cys Ala Arg His Glu Gly His Ser His Leu Asn Trp Phe Asp Pro Trp
100 105 110
Gly Gln Gly Gly Thr Leu Val Thr Val Ser Ser
115 120

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<210> 320
 <211> 99
 <212> PRT
 <213> Homo sapiens

<400> 320

Gln Leu Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
 1 5 10 15

Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Gly Ser Ile Ser Ser Ser
 20 25 30

Ser Tyr Tyr Trp Gly Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu
 35 40 45

Trp Ile Gly Ser Ile Tyr Tyr Ser Gly Ser Thr Tyr Tyr Asn Pro Ser
 50 55 60

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

Ser Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr
 85 90 95

Cys Ala Arg

<210> 321
 <211> 22
 <212> DNA
 <213> Unknown

<220>
 <223> Mammal

<400> 321
 tcttatcaga cagggggctc tc

22

<210> 322
 <211> 22
 <212> DNA
 <213> Unknown

<220>
 <223> Mammal

<400> 322
 ggaagacatt tgggaaggac tg

22

<210> 323
 <211> 4
 <212> PRT
 <213> Unknown

<220>
 <223> Mammal

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<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> wherein the "Xaa" represents any amino acid

<400> 323

Phe Gly Xaa Gly
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<210> 324
 <211> 4
 <212> PRT
 <213> Unknown

<220>
 <223> Mammal

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> wherein the "Xaa" represents any amino acid

<400> 324

Trp Gly Xaa Gly
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