

PCT RD Sequence Listing_amended_ST25.app
SEQUENCE LISTING

<110> 4-Antibody AG

<120> Isolation and Identification of Antigen- or Ligand-Specific Binding Proteins

<130> 2134 WO

<140>

<141>

<150> EP 08004096.7

<151> 2008-03-05

<150> US 61/125,886

<151> 2008-04-29

<160> 33

<170> PatentIn version 3.5

<210> 1

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

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<210> 2

<211> 43

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 2
gatcatcgat gcggccgctc atttaccgag agacagggag agg 43

<210> 3

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 3
gatcatcgat gcggccgcta ggccccctgc ctgatcatgt tc 42

<210> 4

<211> 443

<212> DNA

<213> Homo sapiens

<220>

<223> VH coding region for NIP-Ovalbumin specific human antibody

<400> 4
aagcttccat ggagtttggg ctcagctggg ttttccttgt tgctctttta agaggtgtcc 60

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gactctcctg tgcagcctct ggattcacct tcagtagcta tgctatgcac tgggtccgcc	180
aggctccagg caaggggctg gagtgggtgg cagttatattc atatgatgga agcaataaat	240
actacgcaga ctccgtgaag ggccgattca ccatctccag agacaattcc aagaacacgc	300
tgtatctgca aatgaacagc ctgagagctg aggacacggc tgtgtattac tgtgcgagaa	360
tggtcgacca cgcggaagc tactactact actacggtat ggacgtctgg ggccaagga	420
caatgggtcac cgtctctagc gct	443

<210> 5
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<220>
 <223> Primer

<400> 5 gatcggatcc gtacactttt ctcactttt tttatgtg	38
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<210> 6
 <211> 35
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 6 gatcggatcc ctgaggaagg aagcacagag gatgg	35
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<210> 7
 <211> 766
 <212> DNA
 <213> Mus musculus

<220>
 <223> Genomic PCR fragment

<400> 7 gaaaaatggt taactcagct actataatcc cataattttg aaaactatatt attagctttt	60
gtgtttgacc cttccctagc caaaggcaac tatttaagga ccctttaaaa ctcttgaaac	120
tacttttagag tcattaagtt atttaaccac ttttaattac tttaaaatga tgtcaattcc	180
cttttaacta ttaatttatt ttaagggggg aaaggctgct cataattcta ttgtttttct	240
tggtaaagaa ctctcagttt tcgtttttac tacctctgtc acccaagagt tggcatctca	300
acagagggga ctttccgaga ggccatctgg cagttgctta agatcagaag tgaagtctgc	360
cagttcctcc aaggcagggtg gccagatta cagttgacct gttctggtgt ggctaaaaat	420
tgtcccatgt gggtacaaac cattagacca gggctctgatg aattgctcag aatattttctg	480
gacacccaaa tacagaccct ggcttaaggc cctgtccata cagtaggttt agcttggtta	540
caccaaagga agccatacag aggctaatat cagagtattc ttggaagaga caggagaaaa	600

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tgaaagccag tttctgtctt taccttatgt gcttgtgttc agactcccaa acatcaggag	660
tgtcagataa actgggtctga atctctgtct gaagcatgga actgaaaaga atgtagtttc	720
aggaagaaa ggcaatagaa ggaagcctga gaatatcttc aaagg	766

<210> 8
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 <212> DNA
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<220>
 <223> Primer

<400> 8 gatcggatcc gaaaaatgtt taactcagct ac	32
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<210> 9
 <211> 36
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 9 gatcggatcc ccctttgaag atattctcag gcttcc	36
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<210> 10
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 10 gagaatcgat agtcaaacc agcttaggct acac	34
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<210> 11
 <211> 32
 <212> DNA
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<220>
 <223> Primer

<400> 11 gagaatcgat tagaacgtgt ctgggcccca tg	32
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<210> 12
 <211> 42
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 12 gatcaagctt agcgctctgt ggctgcacca tctgtcttca tc	42
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PCT RD Sequence Listing_amended_ST25.app

<210> 13
 <211> 42
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 13
 gatcatcgat gcggccgcct aacactctcc cctgttgaag ct 42

 <210> 14
 <211> 396
 <212> DNA
 <213> Homo sapiens

 <220>
 <223> V kappa coding region for NIP-Ovalbumin specific human antibody

 <400> 14
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 gagacagagt caccatcact tgccgggcaa gtcagagcat tagcagctat ttaaattggt 180
 atcagcagaa accagggaaa gcccctaagc tcctgatcta tgctgcatcc agtttgcaaa 240
 gtgggggtccc atcaagggtc agtggcagtg gatctgggac agatttcact ctcaccatca 300
 gcagtctgca acctgaagat ttgcaactt actactgtca acagagttac agtaccacca 360
 ctttcggcca aggaccaag gtggaaatca agcgct 396

 <210> 15
 <211> 39
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 15
 aatactcgag ccatggacag ctttctgatg aagcaaaag 39

 <210> 16
 <211> 37
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

 <400> 16
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 <210> 17
 <211> 38
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Primer

PCT RD Sequence Listing_amended_ST25.app

<400> 17
cgcaagcttc catggtgagc aagggcgagg agctgttc 38

<210> 18
<211> 37
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 18
tagagcgctc ttgtacagct cgtccatgcc gagagtg 37

<210> 19
<211> 45
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 19
atttgatcc caccatggag tttgggctga gctgggtttt cctcg 45

<210> 20
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 20
cccgctagct cctgacagga aacagcctcc atctgcacct 40

<210> 21
<211> 623
<212> DNA
<213> Homo sapiens

<220>
<223> Genomic DNA fragment

<400> 21
atttgatcc caccatggag tttgggctga gctgggtttt cctcgttgct cttttaagag 60
gtgattcatg gagaaataga gagactgagt gtgagtgaac atgagtgaga aaaactggat 120
ttgtgtggca ttttctgata acggtgtcct tctgtttgca ggtgtccagt gtcaggtgca 180
gctgggtggag tctgggggag gcgtgggtcca gcctgggagg tccctgagac tctcctgtgc 240
agcctctgga ttcaccttca gtagctatgc tatgcactgg gtccgccagg ctccaggcaa 300
ggggctagag tgggtggcag ttatatcata tgatggaagt aataaatact acgcagactc 360
cgtgaagggc cgattcacca tctccagaga caattccaag aacacgctgt atctgcaaat 420
gaacagcctg agagctgagg acacggctgt gtattactgt gcgagagaca cagtgagggg 480
aagtcattgt gcgcccagac acaaacctcc ctgcaggaac gctgggggga aatcagcggc 540
agggggcgct caggagccac tgatcagagt cagccctgga ggcaggtgca gatggaggct 600

PCT RD Sequence Listing_amended_ST25.app

gtttcctgtc aggagctagc ggg 623

<210> 22
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 22
ggagctagcg ggctgccagt cctcacccca cacctaaggt 40

<210> 23
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 23
gggctcgagt cctcaccatc caatggggac actgtggagc 40

<210> 24
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> Genomic DNA fragment

<400> 24
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gcctgggtgg attctgaaca gccccgagtc acgggtgggta tagtgggagc tactaccact 180
gtgagaaaag ctatgtccaa aactgtctcc cggccactgc tggaggccca gccagagaag 240
ggaccagccg cccgaacata cgaccttccc agacctcatg acccccagca cttggagctc 300
cacagtgtcc ccattggatg gtgaggactc gagccc 336

<210> 25
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 25
ggagtcgacc cctgcctggg tctcagcccc ggggtctgtg 40

<210> 26
<211> 48
<212> DNA
<213> Artificial Sequence

<220>

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<223> Primer

<400> 26
tatatctaga atataagctt agccatctta cctgaagaga cggtgacc 48

<210> 27
<211> 239
<212> DNA
<213> Homo sapiens

<220>
<223> Genomic DNA fragment

<400> 27
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gtttgtgtct gggcaggaac agggactgtg tccctgtgtg atgcttttga tatctggggc 180
caagggacaa tggtcaccgt ctcttcaggt aagatggcta agcttatatt ctagatata 239

<210> 28
<211> 1875
<212> DNA
<213> Homo sapiens

<220>
<223> Coding region for a human uH chain

<400> 28
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agactctcct gtgcggcctc tggattcacc tttgatgatt atgccatgca ctgggtccgg 180
caagctccag ggaagggcct ggaatgggtc tcagctatca cttggaatag tggtcacata 240
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gtcatgcagg gcacagacga acacgtggtg tgcaaagtcc agcaccctaa cggcaacaaa 720
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gtgaccagca cactgaccat caaagagagc gactgggtca gccagagcat gttcacctgc 1020
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caagacacag ccatccgggt cttcgccatc cccccatcct ttgccagcat cttcctcacc	1140
aagtccacca agttgacctg cctgggtcaca gacctgacca cctatgacag cgtgaccatc	1200
tcctggaccc gccagaatgg cgaagctgtg aaaaccacaca ccaacatctc cgagagccac	1260
cccaatgcc ctttcagcgc cgtgggtgag gccagcatct gcgaggatga ctggaattcc	1320
ggggagaggt tcacgtgcac cgtgaccac acagacctgc cctcgccact gaagcagacc	1380
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gtgaccagcg cccaatgcc tgagccccag gcccaggcc ggtacttcgc ccacagcatc	1620
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gaggccctgc ccaacagggt caccgagagg accgtggaca agtccaccga gggggaggtg	1740
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gctttacgcg ttaac	1875

<210> 29
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 29	
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<210> 30
 <211> 22
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 30	
atcttacctc tcgagacggt ga	22

<210> 31
 <211> 23
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Primer

<400> 31	
ccttgaacct cctcgttcga ccc	23

<210> 32
 <211> 23

PCT RD Sequence Listing_amended_ST25.app

<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 32
aggcacaaca gaggcagttc cag 23

<210> 33
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer

<400> 33
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