

PCTSEQUENCE
SEQUENCE LISTING

<110> The Rockefeller University
 <120> Antibodies specific for the Protofibril form of Beta-Amyloid Protein
 <130> 34757SG1
 <140> N/A
 <141> 2008-11-14
 <150> 60/988,481
 <151> 2007-11-16
 <150> 61/019,747
 <151> 2008-01-08
 <160> 52
 <170> PatentIn version 3.5
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 <213> Homo sapiens
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Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
 1 5 10 15

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
 20 25 30

Gly Leu Met Val Gly Gly Val Val Ile Ala
 35 40

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 1 5 10 15

Leu Val Phe Phe
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Phe Arg His Asp Ser Gly Tyr Glu Val
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<210> 4

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

Asn Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser
35 40 45

Pro Lys Leu Leu Ile Tyr Thr Val Ser Asn Arg Phe Ser Gly Val Pro
50 55 60

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

Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Asn
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Thr Phe Val Pro Trp Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105 110

Arg

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tacctgcaga agccaggcca gtctccaaag ctctgatct atacagtttc caaccgattt	180
tctgggggtcc cggacagggt cagtggcagt ggatcagggt cagatttcac actcaagatc	240
agcagagtgg aggctgagga tctgggagtt tatttctgct ctcaaaatac atttggttcct	300
tggacgttcg gtggaggcac caagctggaa atcaaacgg	339

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Ser Val Lys Ile Ser Cys Lys Gly Ser Gly Tyr Thr Phe Thr Asp Tyr
 20 25 30

Ala Met His Trp Val Lys Gln Ser His Ala Lys Ser Leu Glu Trp Ile
 35 40 45

Gly Val Ile Ser Thr Lys Tyr Gly Lys Thr Asn Tyr Asn Gln Lys Phe
 50 55 60

Lys Gly Lys Ala Thr Met Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
 65 70 75 80

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

Ala Arg Gly Asp Asp Gly Tyr Ser Trp Gly Gln Gly Thr Ser Val Thr
 100 105 110

Val Ser Ser
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catgcaaaga gtctagagtg gattggagtt attagtacta agtatggtaa gacaaactac	180
aaccagaagt ttaagggcaa ggccacaatg actgttgaca aatcctccag cacagcctat	240
atggagcttg ccagattgac atctgaggat tctgccatct attactgtgc aagaggggac	300
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Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile
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Tyr

<210> 11
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<213> Mus musculus

<400> 11

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Ser Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly
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Val Tyr Phe Cys
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<210> 12
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Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys Arg
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Gln Ser Leu Val His Ser Asn Gly Asn Thr Tyr
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Thr Val Ser
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<400> 15

Ser Gln Asn Thr Phe Val Pro Trp Thr
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Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu Val Arg Pro Gly Val
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Ser Val Lys Ile Ser Cys Lys
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<210> 17
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<400> 17

Met His Trp Val Lys Gln Ser His Ala Lys Ser Leu Glu Trp Ile Gly
1 5 10 15

Val

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antibodies

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Ala Arg Leu Thr Ser Glu Asp Ser Ala Ile Tyr Tyr Cys Ala Arg
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PCTSEQUENCE

<400> 19

Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser
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<210> 20

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<400> 20

Gly Ser Gly Tyr Thr Phe Thr Asp Tyr Ala
 1 5 10

<210> 21

<211> 17

<212> PRT

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<400> 21

Ile Ser Thr Lys Tyr Gly Lys Thr Asn Tyr Asn Gln Lys Phe Lys Gly
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Lys

<210> 22

<211> 6

<212> PRT

<213> Mus musculus

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Gly Asp Asp Gly Tyr Ser
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<210> 23

<211> 13

<212> PRT

<213> Homo sapiens

<400> 23

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His
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<212> PRT

<213> Homo sapiens

<400> 24

Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His
 1 5 10

<210> 25

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<212> PRT
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<400> 25

Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln
1 5 10

<210> 26
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<400> 26

Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1 5 10

<210> 27
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Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys Leu
1 5 10

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His Asp Ser Gly Tyr Glu Val His His Gln Lys Leu Val
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<210> 29
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Asp Ser Gly Tyr Glu Val His His Gln Lys Leu Val Phe
1 5 10

<210> 30
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Ser Gly Tyr Glu Val His His Gln Lys Leu Val Phe Phe
1 5 10

<210> 31
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<400> 31

Gly Tyr Glu Val His His Gln Lys Leu Val Phe Phe Ala
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Tyr Glu Val His His Gln Lys Leu Val Phe Phe Ala Glu
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Glu Val His His Gln Lys Leu Val Phe Phe Ala Glu Asp
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Val His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val
1 5 10

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His His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly
1 5 10

<210> 36

<211> 13

<212> PRT

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<400> 36

His Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser
1 5 10

<210> 37

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<400> 37

PCTSEQUENCE

Gln Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn
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<400> 38

Lys Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys
1 5 10

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<400> 39

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly
1 5 10

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Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala
1 5 10

<210> 41
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<213> Homo sapiens

<400> 41

Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile
1 5 10

<210> 42
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<400> 42

Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
1 5 10

<210> 43
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<213> Homo sapiens

<400> 43

Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile Gly
1 5 10

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Asn Lys Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val		
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PCTSEQUENCE

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<400> 51

Gly Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile
 1 5 10

<210> 52
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<400> 52

Ala Ile Ile Gly Leu Met Val Gly Gly Val Val Ile Ala
 1 5 10