

H04194PCT.ST25  
SEQUENCE LISTING

<110> Korth, Carsten  
Stitz, Lothar  
Petsch, Benjamin  
Müller-Schiffmann, Andreas

<120> Anti-prion protein antibody fragment

<130> H04 194 PCT

<150> EP 08010971.3

<151> 2008-06-17

<160> 13

<170> PatentIn version 3.3

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<211> 17

<212> PRT

<213> Mus musculus

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Gly

<210> 2

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<223> Retro-inverso D-peptide of CDR3H [(D-)riCDR3H]

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Tyr

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

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Trp Ile Gly Glu Ile Asn Pro Ser Asn Gly Gly Thr Asn Phe Asn Glu  
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Lys Phe Lys Ser Lys Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr  
65 70 75 80

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

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

Gly Thr Leu Val Thr Val Ser Ala Glu Ser Gln Ser Phe Pro Asn Val  
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Phe Pro Leu Ala Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly  
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Gly Gly Ser Asp Val Leu Met Thr Gln Thr Pro Leu Ser Leu Pro Val  
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Ser Leu Gly Asp Gln Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Ile  
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Val His Ser Asn Gly Asn Thr Tyr Leu Glu Trp Tyr Leu Gln Lys Pro  
180 185 190

Gly Gln Ser Pro Lys Leu Leu Ile Tyr Lys Val Ser Asn Arg Phe Ser  
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Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr  
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Leu Lys Ile Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Tyr Cys  
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Ala Glu Leu Ala Arg Pro Gly Thr Ser Val Asn Leu Ser Cys Lys Thr  
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Ser Gly Tyr Ser Phe Thr Gly Tyr Gly Val Ser Trp Val Lys Gln Arg  
50 55 60

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

Glu Asp Ser Ala Val Tyr Phe Cys Ala Arg Trp Asn Trp Glu Arg Asp  
115 120 125

Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala  
130 135 140

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Thr Pro Leu

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35 40 45

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

Ser Gly Tyr Ser Phe Thr Gly Tyr Gly Val Ser Trp Val Lys Gln Arg  
50 55 60

Ile Gly Gln Gly Leu Glu Trp Ile Gly Glu Ile Tyr Pro Arg Ser Gly  
65 70 75 80

Asn Thr Tyr Tyr Asn Glu Lys Phe Lys Gly Lys Ala Thr Leu Thr Ala  
85 90 95

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

Glu Asp Ser Ala Val Tyr Phe Cys Ala Arg Trp Asn Trp Glu Arg Asp  
115 120 125

Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr Val Ser Ser Ala  
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Lys Thr Thr Pro Pro Ser Asp Tyr Pro Leu Ala Gly Gly Gly Gly Ser  
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Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Asp Ile Val Met Thr Gln  
165 170 175

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Asp Leu Gly Val<sub>260</sub> Tyr Phe Cys Leu Gln<sub>265</sub> Ile Thr His Val<sub>270</sub> Pro Trp Thr

Phe Gly Gly<sub>275</sub> Gly Thr Lys Leu Glu<sub>280</sub> Ile Lys Arg Ala Asp<sub>285</sub> Ala Ala Pro

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<400> 13

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Gly