

SEQUENCE LISTING

<110> Scil Proteins GmbH
 <120> Novel proNGF mutants and uses thereof in the preparation of
 beta-NGF
 <130> P32092-WO
 <140> PCT/EP2012/076251
 <141> 2012-12-19
 <150> EP11194208.2
 <151> 2011-12-19
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 <170> PatentIn version 3.5
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Gln Val His Trp Thr Lys Leu Gln His Ser Leu Asp Thr Ala Leu Arg
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 35 40 45

Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
 50 55 60

Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
 65 70 75 80

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

Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
50 55 60

Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
65 70 75 80

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

Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
50 55 60

Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
65 70 75 80

Ala Asp Thr Gln Asp Leu Asp Phe Glu Val Gly Gly Ala Ala Pro Phe
85 90 95

Asn Arg Thr His Xaa Ser Xaa Arg Ser Ser Ser His Pro Ile Phe His
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Arg Gly Glu Phe Ser Val Cys Asp Ser Val Ser Val Trp Val Gly Asp
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Lys Thr Thr Ala Thr Asp Ile Lys Gly Lys Glu Val Met Val Leu Gly
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Lys Cys Arg Asp Pro Asn Pro Val Asp Ser Gly Cys Arg Gly Ile Asp
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Ser Lys His Trp Asn Ser Tyr Cys Thr Thr Thr His Thr Phe Val Lys
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35 40 45

Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
50 55 60

Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
65 70 75 80

Ala Asp Thr Gln Asp Leu Asp Phe Glu Val Gly Gly Ala Ala Pro Phe
85 90 95

Asn Arg Thr His Xaa Ser Ala Arg Ser Ser Ser His Pro Ile Phe His
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Arg Gly Glu Phe Ser Val Cys Asp Ser Val Ser Val Trp Val Gly Asp
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Lys Thr Thr Ala Thr Asp Ile Lys Gly Lys Glu Val Met Val Leu Gly
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Glu Val Asn Ile Asn Asn Ser Val Phe Lys Gln Tyr Phe Phe Glu Thr
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Ser Lys His Trp Asn Ser Tyr Cys Thr Thr Thr His Thr Phe Val Lys
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 35 40 45

Gln Thr Arg Asn Ile Thr Val Asp Pro Arg Leu Phe Lys Lys Arg Arg
 50 55 60

Leu Arg Ser Pro Arg Val Leu Phe Ser Thr Gln Pro Pro Arg Glu Ala
 65 70 75 80

Ala Asp Thr Gln Asp Leu Asp Phe Glu Val Gly Gly Ala Ala Pro Phe
 85 90 95

Asn Arg Thr His Val Ser Ala Arg Ser Ser Ser His Pro Ile Phe His
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Arg Gly Glu Phe Ser Val Cys Asp Ser Val Ser Val Trp Val Gly Asp
 115 120 125

Lys Thr Thr Ala Thr Asp Ile Lys Gly Lys Glu Val Met Val Leu Gly
 130 135 140

Glu Val Asn Ile Asn Asn Ser Val Phe Lys Gln Tyr Phe Phe Glu Thr
 145 150 155 160

Lys Cys Arg Asp Pro Asn Pro Val Asp Ser Gly Cys Arg Gly Ile Asp
 165 170 175

Ser Lys His Trp Asn Ser Tyr Cys Thr Thr Thr His Thr Phe Val Lys
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 35 40 45

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

Ala Asp Thr Gln Asp Leu Asp Phe Glu Val Gly Gly Ala Ala Pro Phe
 85 90 95

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