

DE07-046 Sequenzen.txt  
SEQUENCE LISTING

<110> Sanofi-Aventis Deutschland GmbH  
<120> Ligand binding domains of nuclear receptors in controllable form and methods involving the same  
<130> 104SAN0704  
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<170> PatentIn version 3.4  
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<211> 253  
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<213> Homo sapiens  
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Phe Leu Gln Glu Glu Ile Glu Asn Tyr Gln Asn Lys Gln Arg Glu Val  
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Met Trp Gln Leu Cys Ala Ile Lys Ile Thr Glu Ala Ile Gln Tyr Val  
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Val Glu Phe Ala Lys Arg Ile Asp Gly Phe Met Glu Leu Cys Gln Asn  
65 70 75 80

Asp Gln Ile Val Leu Leu Lys Ala Gly Ser Leu Glu Val Val Phe Ile  
85 90 95

Arg Met Cys Arg Ala Phe Asp Ser Gln Asn Asn Thr Val Tyr Phe Asp  
100 105 110

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

Gln Lys Ile Gln Leu Ala Leu Gln His Val Leu Gln Lys Asn His Arg  
180 185 190

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Glu Asp Gly Ile Leu Thr Lys Leu Ile Cys Lys Val Ser Thr Leu Arg  
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Ala Leu Cys Gly Arg His Thr Glu Lys Leu Met Ala Phe Lys Ala Ile  
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<213> Artificial

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<223> RORalpha domain with His-tag and PreScission cleavage site

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Tyr Val Val Glu Phe Ala Lys Arg Ile Asp Gly Phe Met Glu Leu Cys  
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Met His Leu Thr Glu Asp Glu Ile Ala Leu Phe Ser Ala Phe Val Leu  
165 170 175

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Leu Gln Gln Lys Ile Gln Leu Ala Leu Gln His Val Leu Gln Lys Asn  
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His Arg Glu Asp Gly Ile Leu Thr Lys Leu Ile Cys Lys Val Ser Thr  
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His His His His His His  
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<223> PreScission cleavage site

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cleavage site (coding strand)

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