

6031130 seq list-pct
SEQUENCE LISTING

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<110> de wal, Janneke
      Gaudet, Daniel
      Amsterdam Molecular Therapeutics (AMT) IP B.V.

<120> Use of lipoprotein lipase (LPL) in therapy

<130> P6031130PCT

<150> US 61/179,253
<151> 2009-05-18

<160> 4

<170> PatentIn version 3.3

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Thr Ala Glu Asp Thr Cys His Leu Ile Pro Gly Val Ala Glu Ser Val
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Ala Thr Cys His Phe Asn His Ser Ser Lys Thr Phe Met Val Ile His
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Gly Trp Thr Val Thr Gly Met Tyr Glu Ser Trp Val Pro Lys Leu Val
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Ala Ala Leu Tyr Lys Arg Glu Pro Asp Ser Asn Val Ile Val Val Asp
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Trp Leu Ser Arg Ala Gln Glu His Tyr Pro Val Ser Ala Gly Tyr Thr
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Lys Leu Val Gly Gln Asp Val Ala Arg Phe Ile Asn Trp Met Glu Glu
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Glu Phe Asn Tyr Pro Leu Asp Asn Val His Leu Leu Gly Tyr Ser Leu
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Gly Ala His Ala Ala Gly Ile Ala Gly Ser Leu Thr Asn Lys Lys Val
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Asn Arg Ile Thr Gly Leu Asp Pro Ala Gly Pro Asn Phe Glu Tyr Ala
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Glu Ala Pro Ser Arg Leu Ser Pro Asp Asp Ala Asp Phe Val Asp Val
 195 200 205

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 Lys Pro Val Gly His Val Asp Ile Tyr Pro Asn Gly Gly Thr Phe Gln
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 245 250 255
 Leu Gly Asp Val Asp Gln Leu Val Lys Cys Ser His Glu Arg Ser Ile
 260 265 270
 His Leu Phe Ile Asp Ser Leu Leu Asn Glu Glu Asn Pro Ser Lys Ala
 275 280 285
 Tyr Arg Cys Ser Ser Lys Glu Ala Phe Glu Lys Gly Leu Cys Leu Ser
 290 295 300
 Cys Arg Lys Asn Arg Cys Asn Asn Leu Gly Tyr Glu Ile Asn Lys Val
 305 310 315 320
 Arg Ala Lys Arg Ser Ser Lys Met Tyr Leu Lys Thr Arg Ser Gln Met
 325 330 335
 Pro Tyr Lys Val Phe His Tyr Gln Val Lys Ile His Phe Ser Gly Thr
 340 345 350
 Glu Ser Glu Thr His Thr Asn Gln Ala Phe Glu Ile Ser Leu Tyr Gly
 355 360 365
 Thr Val Ala Glu Ser Glu Asn Ile Pro Phe Thr Leu Pro Glu Val Ser
 370 375 380
 Thr Asn Lys Thr Tyr Ser Phe Leu Ile Tyr Thr Glu Val Asp Ile Gly
 385 390 395 400
 Glu Leu Leu Met Leu Lys Leu Lys Trp Lys Ser Asp Ser Tyr Phe Ser
 405 410 415
 Trp Ser Asp Trp Trp Ser Ser Pro Gly Phe Ala Ile Gln Lys Ile Arg
 420 425 430
 Val Lys Ala Gly Glu Thr Gln Lys Lys Val Ile Phe Cys Ser Arg Glu
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Phe Met Val Ile His Gly Trp Thr Val Thr Gly Met Tyr Glu Ser Trp
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Val Pro Lys Leu Val Ala Ala Leu Tyr Lys Arg Glu Pro Asp Ser Asn
 65 70 75 80

Val Ile Val Val Asp Trp Leu Ser Arg Ala Gln Glu His Tyr Pro Val
 85 90 95

Ser Ala Gly Tyr Thr Lys Leu Val Gly Gln Asp Val Ala Arg Phe Ile
 100 105 110

Asn Trp Met Glu Glu Glu Phe Asn Tyr Pro Leu Asp Asn Val His Leu
 115 120 125

Leu Gly Tyr Ser Leu Gly Ala His Ala Ala Gly Ile Ala Gly Ser Leu
 130 135 140

Thr Asn Lys Lys Val Asn Arg Ile Thr Gly Leu Asp Pro Ala Gly Pro
 145 150 155 160

Asn Phe Glu Tyr Ala Glu Ala Pro Ser Arg Leu Ser Pro Asp Asp Ala
 165 170 175

Asp Phe Val Asp Val Leu His Thr Phe Thr Arg Gly Ser Pro Gly Arg
 180 185 190

Ser Ile Gly Ile Gln Lys Pro Val Gly His Val Asp Ile Tyr Pro Asn
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Gly Gly Thr Phe Gln Pro Gly Cys Asn Ile Gly Glu Ala Ile Arg Val
 210 215 220

Ile Ala Glu Arg Gly Leu Gly Asp Val Asp Gln Leu Val Lys Cys Ser
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His Glu Arg Ser Ile His Leu Phe Ile Asp Ser Leu Leu Asn Glu Glu

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255

Asn Pro Ser Lys₂₆₀ Ala Tyr Arg Cys Ser₂₆₅ Ser Lys Glu Ala Phe₂₇₀ Glu Lys

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Glu Ile₂₉₀ Asn Lys Val Arg Ala₂₉₅ Lys Arg Ser Ser₃₀₀ Met Tyr Leu Lys

Thr Arg Ser Gln Met Pro₃₁₀ Tyr Lys Val Phe His₃₁₅ Tyr Gln Val Lys Ile₃₂₀

His Phe Ser Gly Thr₃₂₅ Glu Ser Glu Thr His₃₃₀ Thr Asn Gln Ala Phe₃₃₅ Glu

Ile Ser Leu Tyr₃₄₀ Gly Thr Val Ala Glu₃₄₅ Ser Glu Asn Ile Pro₃₅₀ Phe Thr

Leu Pro Glu₃₅₅ Val Ser Thr Asn Lys₃₆₀ Thr Tyr Ser Phe Leu₃₆₅ Ile Tyr Thr

Glu Val₃₇₀ Asp Ile Gly Glu Leu₃₇₅ Leu Met Leu Lys Leu₃₈₀ Lys Trp Lys Ser

Asp Ser Tyr Phe Ser Trp₃₉₀ Ser Asp Trp Trp Ser₃₉₅ Ser Pro Gly Phe Ala₄₀₀

Ile Gln Lys Ile Arg₄₀₅ Val Lys Ala Gly Glu₄₁₀ Thr Gln Lys Lys Val₄₁₅ Ile

Phe Cys Ser Arg₄₂₀ Glu Lys Val Ser His₄₂₅ Leu Gln Lys Gly Lys₄₃₀ Ala Pro

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Val Ala Glu₃₅ Ser Val Ala Thr Cys₄₀ His Phe Asn His₄₅ Ser Ser Lys Thr

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 Ser Ala Gly Tyr Thr Lys Leu Val Gly Gln Asp Val Ala Arg Phe Ile
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 Asn Trp Met Glu Glu Glu Phe Asn Tyr Pro Leu Asp Asn Val His Leu
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 Leu Gly Tyr Ser Leu Gly Ala His Ala Ala Gly Ile Ala Gly Ser Leu
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 Thr Asn Lys Lys Val Asn Arg Ile Thr Gly Leu Asp Pro Ala Gly Pro
 145 150 155 160
 Asn Phe Glu Tyr Ala Glu Ala Pro Ser Arg Leu Ser Pro Asp Asp Ala
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 Asp Phe Val Asp Val Leu His Thr Phe Thr Arg Gly Ser Pro Gly Arg
 180 185 190
 Ser Ile Gly Ile Gln Lys Pro Val Gly His Val Asp Ile Tyr Pro Asn
 195 200 205
 Gly Gly Thr Phe Gln Pro Gly Cys Asn Ile Gly Glu Ala Ile Arg Val
 210 215 220
 Ile Ala Glu Arg Gly Leu Gly Asp Val Asp Gln Leu Val Lys Cys Ser
 225 230 235 240
 His Glu Arg Ser Ile His Leu Phe Ile Asp Ser Leu Leu Asn Glu Glu
 245 250 255
 Asn Pro Ser Lys Ala Tyr Arg Cys Ser Ser Lys Glu Ala Phe Glu Lys
 260 265 270
 Gly Leu Cys Leu Ser Cys Arg Lys Asn Arg Cys Asn Asn Leu Gly Tyr
 275 280 285
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 Thr Arg Ser Gln Met Pro Tyr Lys Val Phe His Tyr Gln Val Lys Ile
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Asp Ser Tyr Phe Ser Trp Ser Asp Trp Trp Ser Ser Pro Gly Phe Ala
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Phe Cys Ser Arg Glu Lys Val Ser His Leu Gln Lys Gly Lys Ala Pro
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Ala Val Phe Val Lys Cys His Asp Lys Ser Leu Asn Lys Lys
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