

BHC081016-FC\_SQL.txt  
SEQUENCE LISTING

<110> Bayer HealthCare AG

<120> G-Protein Coupled Receptor 30 (GPR30) transgenic animals as a model for cardiovascular diseases

<130> BHC 08 1 016

<160> 4

<170> PatentIn version 3.4

<210> 1

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

55

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

Phe Thr Ala Val His Leu Arg His Thr Glu Glu Ala Cys Phe Cys Phe  
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Ala Asp Val Arg Glu Val Gln Trp Leu Glu Val Thr Leu Gly Phe Ile  
210 215 220

Met Pro Phe Ala Ile Ile Gly Leu Cys Tyr Ser Leu Ile Val Arg Ala  
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Leu Ile Arg Ala His Arg His Arg Gly Leu Arg Pro Arg Arg Gln Lys  
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Ala Leu Arg Met Ile Phe Ala Val Val Leu Val Phe Phe Ile Cys Trp  
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Leu Pro Glu Asn Val Phe Ile Ser Val His Leu Leu Gln Trp Thr Gln  
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Pro Gly Asp Thr Pro Cys Lys Gln Ser Phe Arg His Ala Tyr Pro Leu  
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Thr Gly His Ile Val Asn Leu Ala Ala Ile Ser Asn Ser Cys Leu Asn  
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Pro Leu Ile Tyr Ser Phe Leu Gly Glu Thr Phe Arg Asp Lys Leu Arg  
Seite 5

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Val Arg Phe Ser Ser Ala Val  
370 375

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