

SEQUENCE LISTING

<110> F. Hoffmann-La Roche AG

<120> Phosphodiesterase 10 catalytic domain crystals

<130> 24688WO

<150> EP08150227.0

<151> 2008-01-14

<160> 3

<170> PatentIn version 3.5

<210> 1

<211> 779

<212> PRT

<213> Homo sapiens

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Phe	Val	Ser	Glu	Ser	Val	Ser	Ala	Glu	Thr	Val	Glu	Lys	Trp	Leu	Lys
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Arg	Lys	Asn	Asn	Lys	Ser	Glu	Asp	Glu	Ser	Ala	Pro	Lys	Glu	Val	Ser
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Arg	Tyr	Gln	Asp	Thr	Asn	Met	Gln	Gly	Val	Val	Tyr	Glu	Leu	Asn	Ser
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Tyr	Ile	Glu	Gln	Arg	Leu	Asp	Thr	Gly	Gly	Asp	Asn	Gln	Leu	Leu	Leu
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Tyr	Glu	Leu	Ser	Ser	Ile	Ile	Lys	Ile	Ala	Thr	Lys	Ala	Asp	Gly	Phe
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Ala	Leu	Tyr	Phe	Leu	Gly	Glu	Cys	Asn	Asn	Ser	Leu	Cys	Ile	Phe	Thr
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Pro	Pro	Gly	Ile	Lys	Glu	Gly	Lys	Pro	Arg	Leu	Ile	Pro	Ala	Gly	Pro
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Ile	Thr	Gln	Gly	Thr	Thr	Val	Ser	Ala	Tyr	Val	Ala	Lys	Ser	Arg	Lys
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Thr	Leu	Leu	Val	Glu	Asp	Ile	Leu	Gly	Asp	Glu	Arg	Phe	Pro	Arg	Gly
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Thr	Gly	Leu	Glu	Ser	Gly	Thr	Arg	Ile	Gln	Ser	Val	Leu	Cys	Leu	Pro	
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Arg	Gly	Leu	Ala	Lys	Gln	Thr	Glu	Leu	Asn	Asp	Phe	Leu	Leu	Asp	Val	
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Asp	Ile	Gly	Glu	Glu	Lys	Glu	Gly	Lys	Pro	Val	Phe	Lys	Lys	Thr	Lys	
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Glu	Ile	Arg	Phe	Ser	Ile	Glu	Lys	Gly	Ile	Ala	Gly	Gln	Val	Ala	Arg	
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Met Tyr His Arg Ile Arg His Ser Glu Cys Ile Tyr Arg Val Thr Met
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Glu Lys Leu Ser Tyr His Ser Ile Cys Thr Ser Glu Glu Trp Gln Gly
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Leu Met Gln Phe Thr Leu Pro Val Arg Leu Cys Lys Glu Ile Glu Leu
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Phe His Phe Asp Ile Gly Pro Phe Glu Asn Met Trp Pro Gly Ile Phe
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Val Tyr Met Val His Arg Ser Cys Gly Thr Ser Cys Phe Glu Leu Glu
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Lys Leu Cys Arg Phe Ile Met Ser Val Lys Lys Asn Tyr Arg Arg Val
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Pro Tyr His Asn Trp Lys His Ala Val Thr Val Ala His Cys Met Tyr
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Ala Ile Leu Gln Asn Asn His Thr Leu Phe Thr Asp Leu Glu Arg Lys
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Gly Leu Leu Ile Ala Cys Leu Cys His Asp Leu Asp His Arg Gly Phe
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Ser Asn Ser Tyr Leu Gln Lys Phe Asp His Pro Leu Ala Ala Leu Tyr
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Ser Thr Ser Thr Met Glu Gln His His Phe Ser Gln Thr Val Ser Ile
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Leu Gln Leu Glu Gly His Asn Ile Phe Ser Thr Leu Ser Ser Ser Glu
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Tyr Glu Gln Val Leu Glu Ile Ile Arg Lys Ala Ile Ile Ala Thr Asp
610 615 620

Leu Ala Leu Tyr Phe Gly Asn Arg Lys Gln Leu Glu Glu Met Tyr Gln
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Thr Gly Ser Leu Asn Leu Asn Asn Gln Ser His Arg Asp Arg Val Ile
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Ser Leu Met Met Thr Ala Cys Asp Leu Cys Ser Val Thr Lys Leu Trp
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Pro Val Thr Lys Leu Thr Ala Asn Asp Ile Tyr Ala Glu Phe Trp Ala
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Glu Gly Asp Glu Met Lys Lys Leu Gly Ile Gln Pro Ile Pro Met Met
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Asp Arg Asp Lys Lys Asp Glu Val Pro Gln Gly Gln Leu Gly Phe Tyr
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Asn Ala Val Ala Ile Pro Cys Tyr Thr Thr Leu Thr Gln Ile Leu Pro
725 730 735

Pro Thr Glu Pro Leu Leu Lys Ala Cys Arg Asp Asn Leu Ser Gln Trp
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