

P23080NO00 sekvensliste 564070.txt
SEQUENCE LISTING

<110> University of Tromsø
<120> The use of IFNC encoding sequence as antiviral agent
<130> P23080PC00
<160> 4
<170> PatentIn version 3.5
<210> 1
<211> 565
<212> DNA
<213> Atlantic salmon

<400> 1
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gacatggggg gtaattttcc tctggagtgt cttcaggaga acgtctttgt ggcattccca 180
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gaccaacaga agttgaagaa ttttcagaat attgtatacc gccagattga agaaagcaaa 360
tgtatgatgg gcagtgtgga tacaagtgat tatctcatca ggacagaagg actgaatacg 420
tactttggga acattgcagc agtcctaaaa gaaaagaatt tcagttactg cgcctgggaa 480
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<210> 2
<211> 187
<212> PRT
<213> Atlantic Salmon

<400> 2

Met Ala Leu Gln Thr Ile Thr Trp Met Ser Ala Phe Leu Cys Val Ala
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His Val Cys Ser Met Pro Met Pro Cys Gln Leu Gln Gly Gln Leu Val
20 25 30

Arg Ile Thr His Asn Leu Leu Arg Asp Met Gly Gly Asn Phe Pro Leu
35 40 45

Glu Cys Leu Gln Glu Asn Val Phe Val Ala Phe Pro Ala Thr Ala Phe
50 55 60

Ala Ser Ser Gly Ala Pro Gln Leu Gly Ser Ser Gly Ala Lys Ala Ile
65 70 75 80

Tyr Glu Thr Leu Lys Asn Ile Asp Ile Leu Phe Glu Ala Asp Asp Leu
85 90 95

P23080N000 sekvensliste 564070.txt

Pro Thr Gln Trp Asp Gln Gln Lys Leu Lys Asn Phe Gln Asn Ile Val
100 105 110

Tyr Arg Gln Ile Glu Glu Ser Lys Cys Met Met Gly Ser Val Asp Thr
115 120 125

Ser Asp Tyr Leu Ile Arg Thr Glu Gly Leu Asn Thr Tyr Phe Gly Asn
130 135 140

Ile Ala Ala Val Leu Lys Glu Lys Asn Phe Ser Tyr Cys Ala Trp Glu
145 150 155 160

Val Val Arg Lys Glu Leu Leu Tyr Thr Leu Gln Phe Ile Leu Glu His
165 170 175

Asn Ser Asp Ser Leu Leu Trp Ala Asn Arg Thr
180 185

<210> 3
<211> 553
<212> DNA
<213> Atlantic Salmon

<400> 3
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ctgctctcag atatgggtgg actctttcca cttatgtgtg cagaagaaag cgtcgaacaa 180
atgtttccag aggatcttta caagaacaca gaggggtgagg acgtctatgt ggtggcattg 240
gaggctatgc gatatgtgga acaattatac aacaacagtc tgacgtctgt cacgtggaac 300
aaaacaaaac ttaacatggt ccaaaacgtc atatatcgtc aagttcaaaa cttagagtta 360
tgtgtcgtag gtgggtgtttg ggaatcctct ggagatggat ggtcggttac tctgaaaaca 420
tacttcaaca agctgaacac cgtcttgaaa gagaaggaac acagcgcattg cgcattggag 480
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gtcaagctgt gac 553

<210> 4
<211> 183
<212> PRT
<213> Atlantic Salmon

<400> 4

Met Ala Val Leu Lys Trp Leu Ser Ile Cys Leu Thr Leu Phe Cys Gln
1 5 10 15

Gly Thr Ala Ala Ser Lys Pro Cys Arg Trp Thr Gln Phe Arg Leu Gly
20 25 30

P23080N000 sekvensliste 564070.txt

Lys Leu Asn Asp Val Ser Ile Gly Leu Leu Ser Asp Met Gly Gly Leu
35 40 45

Phe Pro Leu Met Cys Ala Glu Glu Ser Val Glu Gln Met Phe Pro Glu
50 55 60

Asp Leu Tyr Lys Asn Thr Glu Gly Glu Asp Val Tyr Val Val Ala Leu
65 70 75 80

Glu Ala Met Arg Tyr Val Glu Gln Leu Tyr Asn Asn Ser Leu Thr Ser
85 90 95

Val Thr Trp Asn Lys Thr Lys Leu Asn Met Phe Gln Asn Val Ile Tyr
100 105 110

Arg Gln Val Gln Asn Leu Glu Leu Cys Val Val Gly Gly Val Trp Glu
115 120 125

Ser Ser Gly Asp Gly Trp Ser Val Thr Leu Lys Thr Tyr Phe Asn Lys
130 135 140

Leu Asn Thr Val Leu Lys Glu Lys Glu His Ser Ala Cys Ala Trp Glu
145 150 155 160

Ile Val Arg Lys Glu Ile Arg Glu Asn Leu Val Gln Phe Lys Lys Phe
165 170 175

Ile Asp Ser Arg Val Lys Leu
180