

Fra 21 EP Sequenzen.ST25.txt
SEQUENCE LISTING

<110> Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

<120> Inhibition of the liver enriched protein FOXA2 for the treatment of colorectal liver metastases

<130> Fra 21 EP

<160> 13

<170> PatentIn version 3.1

<210> 1

<211> 2242

<212> RNA

<213> Homo sapiens

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<221> Foxa2 mRNA

<222> (1)..(2242)

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<221> misc_feature

<222> (186)..(1577)

<223> CDS

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cugccaugca cucggcuucc aguaugcugg gagcggugaa gauggaaggg cacgagccgu    240
ccgacuggag cagcuacuau gcagagcccg agggcuacuc cuccgugagc aacaugaacg    300
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<210> 2

<211> 2242

Fra 21 EP Sequenzen.ST25.txt

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<213> Artificial

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<221> misc_feature

<222> (1)..(2242)

<223> RNA strand being antiparallel to Foxa2 mRNA

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<222> (666)..(2057)

<223> RNA sequence being antiparallel to Foxa2 mRNA CDS

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uucccugcaa caacagcaau ggaggagaac aacaacaaca aaaaaaucag aaucugcagg      360
ugcuugaaga agcaggaguc uacacaguag uggaaaccgg aggcuuuuuu uuaacuuuau      420
auucuuuccc guuuuuccuc uuauauagaa cgugggguau cuguguggcc cucuguuugg      480
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Fra 21 EP Sequenzen.ST25.txt

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<213> Homo sapiens

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<223> Foxa2 gene product

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Fra 21 EP Sequenzen.ST25.txt

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 65 70 75 80
 Pro Ser Leu Ala Gly Met Ser Pro Gly Ala Gly Ala Met Ala Gly Met
 85 90 95
 Gly Gly Ser Ala Gly Ala Ala Gly Val Ala Gly Met Gly Pro His Leu
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 Ser Pro Ser Leu Ser Pro Leu Gly Gly Gln Ala Ala Gly Ala Met Gly
 115 120 125
 Gly Leu Ala Pro Tyr Ala Asn Met Asn Ser Met Ser Pro Met Tyr Gly
 130 135 140
 Gln Ala Gly Leu Ser Arg Ala Arg Asp Pro Lys Thr Tyr Arg Arg Ser
 145 150 155 160
 Tyr Thr His Ala Lys Pro Pro Tyr Ser Tyr Ile Ser Leu Ile Thr Met
 165 170 175
 Ala Ile Gln Gln Ser Pro Asn Lys Met Leu Thr Leu Ser Glu Ile Tyr
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 Trp Gln Asn Ser Ile Arg His Ser Leu Ser Phe Asn Asp Cys Phe Leu
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 Lys Val Pro Arg Ser Pro Asp Lys Pro Gly Lys Gly Ser Phe Trp Thr
 225 230 235 240
 Leu His Pro Asp Ser Gly Asn Met Phe Glu Asn Gly Cys Tyr Leu Arg
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 Arg Gln Lys Arg Phe Lys Cys Glu Lys Gln Leu Ala Leu Lys Glu Ala
 260 265 270
 Ala Gly Ala Ala Gly Ser Gly Lys Lys Ala Ala Ala Gly Ala Gln Ala
 275 280 285
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 290 295 300
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Fra 21 EP Sequenzen.ST25.txt

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<223> corresponds to residues 1983-2007 of SEQ ID NO: 2

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<210> 6

<211> 25

<212> RNA

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<220>

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<223> corresponds to residues 1838-1862 of SEQ ID NO: 2

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<210> 7

<211> 25

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<223> corresponds to residues 1945-1969 of SEQ ID NO: 2

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<210> 8

<211> 25

<212> RNA

<213> Homo sapiens

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<210> 11

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Fra 21 EP Sequenzen.ST25.txt

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<222> (1)..(1398)

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<213> Homo sapiens

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<223> HNF6 gene product

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35 40 45

His Pro Arg Ser Met Gly Met Ala Ser Leu Leu Asp Gly Gly Ser Gly
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Gly Gly Asp Tyr His His His His Arg Ala Pro Glu His Ser Leu Ala
65 70 75 80

Gly Pro Leu His Pro Thr Met Thr Met Ala Cys Glu Thr Pro Pro Gly
85 90 95

Met Ser Met Pro Thr Thr Tyr Thr Thr Leu Thr Pro Leu Gln Pro Leu
100 105 110

Pro Pro Ile Ser Thr Val Ser Asp Lys Phe Pro His His His His His
115 120 125

His His His His His His Pro His His His Gln Arg Leu Ala Gly Asn
130 135 140

Val Ser Gly Ser Phe Thr Leu Met Arg Asp Glu Arg Gly Leu Ala Ser
Seite 10

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Thr	Asp 210	Lys	Met	Leu	Thr	Pro 215	Asn	Gly	Phe	Glu	Ala 220	His	His	Pro	Ala
Met 225	Leu	Gly	Arg	His	Gly 230	Glu	Gln	His	Leu	Thr 235	Pro	Thr	Ser	Ala	Gly 240
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Pro 385	Lys	Lys	Pro	Arg	Leu 390	Val	Phe	Thr	Asp	Val 395	Gln	Arg	Arg	Thr	Leu 400
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420

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 465