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 $\langle 220 \rangle$

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1 5 10 15

Thr Pro Met Leu Ser Phe His Lys Gly Glu Lys Phe Gln Ile Leu Xaa

			20					25					30				
Xaa	Xaa	Xaa	Gly	Pro	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Xaa	Thr	Gly	Glu		
		35					40					45					
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 Glu Val Tyr Gly Pro Thr Pro Met
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 Gly Val Thr Leu Phe Val Ala Leu Tyr Asp Tyr Glu Val Tyr Gly Pro
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 Thr Pro Met Leu Ser Phe His Lys Gly Glu Lys Phe Gln Ile Leu Asn
 20 25 30
 Ser Ser Glu Gly Pro Tyr Trp Glu Ala Arg Ser Leu Thr Thr Gly Glu
 35 40 45
 Thr Gly Leu Ile Pro Ser Asn Tyr Val Ala Pro Val Asp Ser Ile Gln
 50 55 60

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 <223> FF44L65G12

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 Gly Val Thr Leu Phe Val Ala Leu Tyr Asp Tyr Glu Val Tyr Gly Pro
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 Thr Pro Met Leu Ser Phe His Lys Gly Glu Lys Phe Gln Ile Leu Arg
 20 25 30
 Gly Gly Gln Gly Pro Tyr Trp Glu Ala Arg Ser Leu Thr Thr Gly Glu

		35					40					45					
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	50					55					60						

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Thr	Pro	Met	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Arg		
			20					25					30				
Gly	Gly	Asp	Gly	Pro	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Thr	Thr	Gly	Glu		
		35					40					45					
Thr	Gly	Leu	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln		
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Thr	Pro	Met	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Lys		
			20					25					30				
Gly	Gly	Ser	Gly	Pro	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Thr	Thr	Gly	Glu		
		35					40					45					
Thr	Gly	Leu	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln		
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<220>
 <223> FF43L65D5

<400> 7

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Thr	Pro	Met	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Arg
			20					25					30		
Lys	Gly	Lys	Gly	Pro	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Ala	Thr	Gly	Glu
		35					40					45			
Thr	Gly	Leu	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln
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<223> FF44L65B7

<400> 8

Gly	Val	Thr	Leu	Phe	Val	Ala	Leu	Tyr	Asp	Tyr	Glu	Val	Tyr	Gly	Pro
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Thr	Pro	Met	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Arg
			20					25					30		
Arg	Gly	Ser	Gly	Pro	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Thr	Thr	Gly	Glu
		35					40					45			
Thr	Gly	Leu	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln
	50					55					60				

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<211> 357

<212> PRT

<213> Homo sapiens

<220>

<223> FGFR3, isoform b

<400> 9

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Glu	Val	Pro	Gly	Pro	Glu	Pro	Gly	Gln	Gln	Glu	Gln	Leu	Val	Phe	Gly
			20					25					30		
Ser	Gly	Asp	Ala	Val	Glu	Leu	Ser	Cys	Pro	Pro	Pro	Gly	Gly	Gly	Pro
		35					40					45			
Met	Gly	Pro	Thr	Val	Trp	Val	Lys	Asp	Gly	Thr	Gly	Leu	Val	Pro	Ser
	50					55					60				
Glu	Arg	Val	Leu	Val	Gly	Pro	Gln	Arg	Leu	Gln	Val	Leu	Asn	Ala	Ser
65					70					75				80	
His	Glu	Asp	Ser	Gly	Ala	Tyr	Ser	Cys	Arg	Gln	Arg	Leu	Thr	Gln	Arg
				85					90					95	
Val	Leu	Cys	His	Phe	Ser	Val	Arg	Val	Thr	Asp	Ala	Pro	Ser	Ser	Gly

				85					90					95			
Val	Leu	Cys	His	Phe	Ser	Val	Arg	Val	Thr	Asp	Ala	Pro	Ser	Ser	Gly		
			100					105					110				
Asp	Asp	Glu	Asp	Gly	Glu	Asp	Glu	Ala	Glu	Asp	Thr	Gly	Val	Asp	Thr		
		115					120					125					
Gly	Ala	Pro	Tyr	Trp	Thr	Arg	Pro	Glu	Arg	Met	Asp	Lys	Lys	Leu	Leu		
		130				135					140						
Ala	Val	Pro	Ala	Ala	Asn	Thr	Val	Arg	Phe	Arg	Cys	Pro	Ala	Ala	Gly		
145					150					155					160		
Asn	Pro	Thr	Pro	Ser	Ile	Ser	Trp	Leu	Lys	Asn	Gly	Arg	Glu	Phe	Arg		
			165						170					175			
Gly	Glu	His	Arg	Ile	Gly	Gly	Ile	Lys	Leu	Arg	His	Gln	Gln	Trp	Ser		
		180					185						190				
Leu	Val	Met	Glu	Ser	Val	Val	Pro	Ser	Asp	Arg	Gly	Asn	Tyr	Thr	Cys		
		195				200						205					
Val	Val	Glu	Asn	Lys	Phe	Gly	Ser	Ile	Arg	Gln	Thr	Tyr	Thr	Leu	Asp		
		210				215					220						
Val	Leu	Glu	Arg	Ser	Pro	His	Arg	Pro	Ile	Leu	Gln	Ala	Gly	Leu	Pro		
225					230					235					240		
Ala	Asn	Gln	Thr	Ala	Val	Leu	Gly	Ser	Asp	Val	Glu	Phe	His	Cys	Lys		
				245					250					255			
Val	Tyr	Ser	Asp	Ala	Gln	Pro	His	Ile	Gln	Trp	Leu	Lys	His	Val	Glu		
		260					265						270				
Val	Asn	Gly	Ser	Lys	Val	Gly	Pro	Asp	Gly	Thr	Pro	Tyr	Val	Thr	Val		
		275					280					285					
Leu	Lys	Thr	Ala	Gly	Ala	Asn	Thr	Thr	Asp	Lys	Glu	Leu	Glu	Val	Leu		
		290				295					300						
Ser	Leu	His	Asn	Val	Thr	Phe	Glu	Asp	Ala	Gly	Glu	Tyr	Thr	Cys	Leu		
305				310					315						320		
Ala	Gly	Asn	Ser	Ile	Gly	Phe	Ser	His	His	Ser	Ala	Trp	Leu	Val	Val		
			325					330						335			
Leu	Pro	Ala	Glu	Glu	Glu	Leu	Val	Glu	Ala	Asp	Glu	Ala	Gly	Ser	Val		
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Tyr	Ala	Gly															
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<211> 63

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<213> Homo sapiens

<220>

<223> Fyn kinase SH3 domain

<400> 11

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Asp	Asp	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Asn	Ser		
		20					25					30					
Ser	Glu	Gly	Asp	Trp	Trp	Glu	Ala	Arg	Ser	Leu	Thr	Thr	Gly	Glu	Thr		
		35				40					45						
Gly	Tyr	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln			
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<220>
 <223> huFGFR3b-Fc

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 20 25 30
 Ser Gly Asp Ala Val Glu Leu Ser Cys Pro Pro Pro Gly Gly Gly Pro
 35 40 45
 Met Gly Pro Thr Val Trp Val Lys Asp Gly Thr Gly Leu Val Pro Ser
 50 55 60
 Glu Arg Val Leu Val Gly Pro Gln Arg Leu Gln Val Leu Asn Ala Ser
 65 70 75 80
 His Glu Asp Ser Gly Ala Tyr Ser Cys Arg Gln Arg Leu Thr Gln Arg
 85 90 95
 Val Leu Cys His Phe Ser Val Arg Val Thr Asp Ala Pro Ser Ser Gly
 100 105 110
 Asp Asp Glu Asp Gly Glu Asp Glu Ala Glu Asp Thr Gly Val Asp Thr
 115 120 125
 Gly Ala Pro Tyr Trp Thr Arg Pro Glu Arg Met Asp Lys Lys Leu Leu
 130 135 140
 Ala Val Pro Ala Ala Asn Thr Val Arg Phe Arg Cys Pro Ala Ala Gly
 145 150 155 160
 Asn Pro Thr Pro Ser Ile Ser Trp Leu Lys Asn Gly Arg Glu Phe Arg
 165 170 175
 Gly Glu His Arg Ile Gly Gly Ile Lys Leu Arg His Gln Gln Trp Ser
 180 185 190
 Leu Val Met Glu Ser Val Val Pro Ser Asp Arg Gly Asn Tyr Thr Cys
 195 200 205
 Val Val Glu Asn Lys Phe Gly Ser Ile Arg Gln Thr Tyr Thr Leu Asp
 210 215 220
 Val Leu Glu Arg Ser Pro His Arg Pro Ile Leu Gln Ala Gly Leu Pro
 225 230 235 240
 Ala Asn Gln Thr Ala Val Leu Gly Ser Asp Val Glu Phe His Cys Lys
 245 250 255
 Val Tyr Ser Asp Ala Gln Pro His Ile Gln Trp Leu Lys His Val Glu
 260 265 270
 Val Asn Gly Ser Lys Val Gly Pro Asp Gly Thr Pro Tyr Val Thr Val
 275 280 285
 Leu Lys Ser Trp Ile Ser Glu Ser Val Glu Ala Asp Val Arg Leu Arg
 290 295 300
 Leu Ala Asn Val Ser Glu Arg Asp Gly Gly Glu Tyr Leu Cys Arg Ala
 305 310 315 320
 Thr Asn Phe Ile Gly Val Ala Glu Lys Ala Phe Trp Leu Ser Val His
 325 330 335
 Gly Pro Arg Ala Ala Glu Glu Glu Leu Val Glu Ala Asp Glu Ala Gly
 340 345 350
 Ser Val Tyr Ala Gly Arg Ser Asp Lys Thr His Thr Cys Pro Pro Cys

		115					120				125				
Gly	Ala	Pro	Tyr	Trp	Thr	Arg	Pro	Glu	Arg	Met	Asp	Lys	Lys	Leu	Leu
	130					135					140				
Ala	Val	Pro	Ala	Ala	Asn	Thr	Val	Arg	Phe	Arg	Cys	Pro	Ala	Ala	Gly
145					150					155					160
Asn	Pro	Thr	Pro	Ser	Ile	Ser	Trp	Leu	Lys	Asn	Gly	Arg	Glu	Phe	Arg
				165						170				175	
Gly	Glu	His	Arg	Ile	Gly	Gly	Ile	Lys	Leu	Arg	His	Gln	Gln	Trp	Ser
			180					185				190			
Leu	Val	Met	Glu	Ser	Val	Val	Pro	Ser	Asp	Arg	Gly	Asn	Tyr	Thr	Cys
		195					200					205			
Val	Val	Glu	Asn	Lys	Phe	Gly	Ser	Ile	Arg	Gln	Thr	Tyr	Thr	Leu	Asp
	210					215					220				
Val	Leu	Glu	Arg	Ser	Pro	His	Arg	Pro	Ile	Leu	Gln	Ala	Gly	Leu	Pro
225					230					235					240
Ala	Asn	Gln	Thr	Ala	Val	Leu	Gly	Ser	Asp	Val	Glu	Phe	His	Cys	Lys
				245					250					255	
Val	Tyr	Ser	Asp	Ala	Gln	Pro	His	Ile	Gln	Trp	Leu	Lys	His	Val	Glu
			260				265					270			
Val	Asn	Gly	Ser	Lys	Val	Gly	Pro	Asp	Gly	Thr	Pro	Tyr	Val	Thr	Val
		275				280					285				
Leu	Lys	Thr	Ala	Gly	Ala	Asn	Thr	Thr	Asp	Lys	Glu	Leu	Glu	Val	Leu
	290					295					300				
Ser	Leu	His	Asn	Val	Thr	Phe	Glu	Asp	Ala	Gly	Glu	Tyr	Thr	Cys	Leu
305					310					315					320
Ala	Gly	Asn	Ser	Ile	Gly	Phe	Ser	His	His	Ser	Ala	Trp	Leu	Val	Val
				325					330					335	
Leu	Pro	Ala	Glu	Glu	Glu	Leu	Val	Glu	Ala	Asp	Glu	Ala	Gly	Ser	Val
			340					345					350		
Tyr	Ala	Gly	Arg	Ser	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala
		355					360					365			
Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro
	370				375						380				
Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val
385					390					395					400
Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val
				405					410					415	
Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln
			420					425					430		
Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln
		435					440					445			
Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala
	450					455					460				
Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro
465					47										

545					550					555					560
Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys
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Ser	Leu	Ser	Leu	Ser	Pro	Gly	Lys								
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 <223> cyFGFR3c-Fc

<400> 14

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Val	Ser	Gly	Pro	Glu	Pro	Ser	Gln	Gln	Glu	Gln	Leu	Val	Phe	Gly	Ser
			20				25						30		
Gly	Asp	Ala	Val	Glu	Leu	Ser	Cys	Pro	Pro	Pro	Gly	Gly	Gly	Pro	Met
		35					40					45			
Gly	Pro	Thr	Val	Trp	Val	Lys	Asp	Gly	Ala	Gly	Leu	Val	Pro	Ser	Glu
	50					55					60				
Arg	Val	Leu	Val	Gly	Pro	Gln	Arg	Leu	Gln	Val	Leu	Asn	Ala	Ser	His
65					70					75					80
Glu	Asp	Ser	Gly	Ala	Tyr	Ser	Cys	Arg	Gln	Arg	Leu	Thr	Gln	Leu	Val
				85					90					95	
Leu	Cys	His	Phe	Ser	Val	Arg	Val	Thr	Asp	Ala	Pro	Ser	Ser	Gly	Asp
			100					105						110	
Asp	Glu	Asp	Gly	Glu	Asp	Glu	Ala	Glu	Asp	Thr	Gly	Val	Asp	Thr	Gly
		115					120					125			
Ala	Pro	Tyr	Trp	Thr	Arg	Pro	Glu	Arg	Met	Asp	Lys	Lys	Leu	Leu	Ala
	130					135					140				
Val	Pro	Ala	Ala	Asn	Thr	Val	Arg	Phe	Arg	Cys	Pro	Ala	Ala	Gly	Asn
145					150					155					160
Pro	Thr	Pro	Ser	Ile	Ser	Trp	Leu	Lys	Asn	Gly	Lys	Glu	Phe	Arg	Gly
				165					170					175	
Glu	His	Arg	Ile	Gly	Gly	Ile	Lys	Leu	Arg	His	Gln	Gln	Trp	Ser	Leu
			180				185						190		
Val	Met	Glu	Ser	Val	Val	Pro	Ser	Asp	Arg	Gly	Asn	Tyr	Thr	Cys	Val
		195					200					205			
Val	Glu	Asn	Lys	Phe	Gly	Ser	Ile	Arg	Gln	Thr	Tyr	Thr	Leu	Asp	Val
	210					215					220				
Leu	Glu	Arg	Ser	Pro	His	Arg	Pro	Ile	Leu	Gln	Ala	Gly	Leu	Pro	Ala
225					230					235					240
Asn	Gln	Thr	Ala	Val	Leu	Gly	Ser	Asp	Val	Glu	Phe	His	Cys	Lys	Val
				245					250					255	
Tyr	Ser	Asp	Ala	Gln	Pro	His	Ile	Gln	Trp	Leu	Lys	His	Val	Glu	Val
			260					265					270		
Asn	Gly	Ser	Lys	Val	Gly	Pro	Asp	Gly	Thr	Pro	Tyr	Val	Thr	Val	Leu
		275					280					285			
Lys	Thr	Ala	Gly	Ala	Asn	Thr	Asp	Lys	Glu	Leu	Glu	Val	Leu	Ser	
	290					295				300					
Leu	His	Asn	Val	Thr	Phe	Glu	Asp	Ala	Gly	Glu	Tyr	Thr	Cys	Leu	Ala

305					310					315					320
Gly	Asn	Ser	Ile	Gly	Phe	Ser	His	His	Ser	Ala	Trp	Leu	Val	Val	Leu
				325					330					335	
Pro	Ala	Glu	Glu	Glu	Leu	Val	Glu	Ala	Asp	Glu	Ala	Gly	Ser	Val	Tyr
			340					345					350		
Ala	Gly	Arg	Ser	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro
		355					360					365			
Glu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	
	370				375					380					
Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val
385					390					395					400
Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp
			405						410					415	
Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr
			420					425					430		
Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp
	435						440					445			
Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu
	450					455					460				
Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg
465					470					475					480
Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Glu	Glu	Met	Thr	Lys
			485						490					495	
Asn	Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp
		500					505						510		
Ile	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys
	515						520					525			
Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser
	530					535					540				
Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser
545					550					555					560
Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser
			565						570					575	
Leu	Ser	Leu	Ser	Pro	Gly	Lys									
			580												

<210> 15

<211> 347

<212> PRT

<213> Artificial Sequence

<220>

<223> muFGFR3c-His

<400> 15

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Phe	Gly	Ser	Gly	Asp	Thr	Val	Glu	Leu	Ser	Cys	His	Pro	Pro	Gly	Gly
			20					25					30		
Ala	Pro	Thr	Gly	Pro	Thr	Val	Trp	Ala	Lys	Asp	Gly	Thr	Gly	Leu	Val
		35					40					45			
Ala	Ser	His	Arg	Ile	Leu	Val	Gly	Pro	Gln	Arg	Leu	Gln	Val	Leu	Asn
	50					55				60					
Ala	Ser	His	Glu	Asp	Ala	Gly	Val	Tyr	Ser	Cys	Gln	His	Arg	Leu	Thr

65					70					75				80	
Arg	Arg	Val	Leu	Cys	His	Phe	Ser	Val	Arg	Val	Thr	Asp	Ala	Pro	Ser
				85					90					95	
Ser	Gly	Asp	Asp	Glu	Asp	Gly	Glu	Asp	Val	Ala	Glu	Asp	Thr	Gly	Ala
			100					105					110		
Pro	Tyr	Trp	Thr	Arg	Pro	Glu	Arg	Met	Asp	Lys	Lys	Leu	Leu	Ala	Val
		115					120					125			
Pro	Ala	Ala	Asn	Thr	Val	Arg	Phe	Arg	Cys	Pro	Ala	Ala	Gly	Asn	Pro
	130					135					140				
Thr	Pro	Ser	Ile	Ser	Trp	Leu	Lys	Asn	Gly	Lys	Glu	Phe	Arg	Gly	Glu
145					150				155						160
His	Arg	Ile	Gly	Gly	Ile	Lys	Leu	Arg	His	Gln	Gln	Trp	Ser	Leu	Val
			165					170						175	
Met	Glu	Ser	Val	Val	Pro	Ser	Asp	Arg	Gly	Asn	Tyr	Thr	Cys	Val	Val
			180				185						190		
Glu	Asn	Lys	Phe	Gly	Ser	Ile	Arg	Gln	Thr	Tyr	Thr	Leu	Asp	Val	Leu
		195					200					205			
Glu	Arg	Ser	Pro	His	Arg	Pro	Ile	Leu	Gln	Ala	Gly	Leu	Pro	Ala	Asn
	210					215					220				
Gln	Thr	Ala	Ile	Leu	Gly	Ser	Asp	Val	Glu	Phe	His	Cys	Lys	Val	Tyr
225					230					235					240
Ser	Asp	Ala	Gln	Pro	His	Ile	Gln	Trp	Leu	Lys	His	Val	Glu	Val	Asn
			245					250						255	
Gly	Ser	Lys	Val	Gly	Pro	Asp	Gly	Thr	Pro	Tyr	Val	Thr	Val	Leu	Lys
		260					265						270		
Thr	Ala	Gly	Ala	Asn	Thr	Thr	Asp	Lys	Glu	Leu	Glu	Val	Leu	Ser	Leu
		275					280					285			
His	Asn	Val	Thr	Phe	Glu	Asp	Ala	Gly	Glu	Tyr	Thr	Cys	Leu	Ala	Gly
	290					295					300				
Asn	Ser	Ile	Gly	Phe	Ser	His	His	Ser	Ala	Trp	Leu	Val	Val	Leu	Pro
305					310				315						320
Ala	Glu	Glu	Glu	Leu	Met	Glu	Thr	Asp	Glu	Ala	Gly	Ser	Val	Tyr	Ala
			325					330						335	
Gly	His	His	His	His	His	His	His	His	His	His					
		340					345								

<210> 16

<211> 361

<212> PRT

<213> Artificial Sequence

<220>

<223> huD1-Fc

<400> 16

Ser	Glu	Ser	Leu	Gly	Thr	Glu	Gln	Arg	Val	Val	Gly	Arg	Ala	Ala	Glu
1				5					10					15	
Val	Pro	Gly	Pro	Glu	Pro	Gly	Gln	Gln	Glu	Gln	Leu	Val	Phe	Gly	Ser
			20				25						30		
Gly	Asp	Ala	Val	Glu	Leu	Ser	Cys	Pro	Pro	Pro	Gly	Gly	Gly	Pro	Met
		35					40					45			
Gly	Pro	Thr	Val	Trp	Val	Lys	Asp	Gly	Thr	Gly	Leu	Val	Pro	Ser	Glu
	50					55				60					
Arg	Val	Leu	Val	Gly	Pro	Gln	Arg	Leu	Gln	Val	Leu	Asn	Ala	Ser	His

65					70				75					80	
Glu	Asp	Ser	Gly	Ala	Tyr	Ser	Cys	Arg	Gln	Arg	Leu	Thr	Gln	Arg	Val
				85					90					95	
Leu	Cys	His	Phe	Ser	Val	Arg	Val	Thr	Asp	Ala	Pro	Ser	Ser	Gly	Asp
			100					105					110		
Asp	Glu	Asp	Gly	Glu	Asp	Glu	Ala	Glu	Asp	Thr	Gly	Val	Asp	Thr	Gly
			115				120					125			
Ala	Gly	Gly	Gly	Gly	Ser	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro
	130					135					140				
Ala	Pro	Glu	Leu	Leu	Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys
145					150					155					160
Pro	Lys	Asp	Thr	Leu	Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val
				165					170					175	
Val	Val	Asp	Val	Ser	His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr
			180					185					190		
Val	Asp	Gly	Val	Glu	Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu
	195						200					205			
Gln	Tyr	Asn	Ser	Thr	Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His
	210					215					220				
Gln	Asp	Trp	Leu	Asn	Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys
225					230					235					240
Ala	Leu	Pro	Ala	Pro	Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln
				245					250					255	
Pro	Arg	Glu	Pro	Gln	Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Glu	Glu	Met
			260					265					270		
Thr	Lys	Asn	Gln	Val	Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro
		275					280					285			
Ser	Asp	Ile	Ala	Val	Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn
	290					295					300				
Tyr	Lys	Thr	Thr	Pro	Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu
305					310					315					320
Tyr	Ser	Lys	Leu	Thr	Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val
				325					330					335	
Phe	Ser	Cys	Ser	Val	Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln
			340					345					350		
Lys	Ser	Leu	Ser	Leu	Ser	Pro	Gly	Lys							
		355					360								

<210> 17

<211> 340

<212> PRT

<213> Artificial Sequence

<220>

<223> huD2-Fc

<400> 17

Ala	Pro	Tyr	Trp	Thr	Arg	Pro	Glu	Arg	Met	Asp	Lys	Lys	Leu	Leu	Ala
1				5				10					15		
Val	Pro	Ala	Ala	Asn	Thr	Val	Arg	Phe	Arg	Cys	Pro	Ala	Ala	Gly	Asn
			20					25					30		
Pro	Thr	Pro	Ser	Ile	Ser	Trp	Leu	Lys	Asn	Gly	Arg	Glu	Phe	Arg	Gly
		35					40					45			
Glu	His	Arg	Ile	Gly	Gly	Ile	Lys	Leu	Arg	His	Gln	Gln	Trp	Ser	Leu

50					55					60					
Val	Met	Glu	Ser	Val	Val	Pro	Ser	Asp	Arg	Gly	Asn	Tyr	Thr	Cys	Val
65					70					75					80
Val	Glu	Asn	Lys	Phe	Gly	Ser	Ile	Arg	Gln	Thr	Tyr	Thr	Leu	Asp	Val
				85					90					95	
Leu	Glu	Gly	Gly	Gly	Gly	Ser	Gly	Gly	Gly	Gly	Ser	Gly	Gly	Gly	Gly
				100				105					110		
Ser	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu
		115					120					125			
Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu
		130				135					140				
Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser
145					150					155					160
His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu
				165				170						175	
Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr
			180					185					190		
Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn
		195					200					205			
Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro
	210					215					220				
Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln
225					230					235					240
Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Glu	Glu	Met	Thr	Lys	Asn	Gln	Val
			245						250					255	
Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val
			260					265					270		
Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro
		275					280					285			
Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr
	290					295					300				
Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	Ser	Val
305					310					315					320
Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	Ser	Leu
				325					330					335	
Ser	Pro	Gly	Lys												
			340												

<210> 18

<211> 468

<212> PRT

<213> Artificial Sequence

<220>

<223> huD1-D2-Fc

<400> 18

Ser	Glu	Ser	Leu	Gly	Thr	Glu	Gln	Arg	Val	Val	Gly	Arg	Ala	Ala	Glu
1				5				10					15		
Val	Pro	Gly	Pro	Glu	Pro	Gly	Gln	Gln	Glu	Gln	Leu	Val	Phe	Gly	Ser
			20				25						30		
Gly	Asp	Ala	Val	Glu	Leu	Ser	Cys	Pro	Pro	Pro	Gly	Gly	Gly	Pro	Met
	35					40					45				
Gly	Pro	Thr	Val	Trp	Val	Lys	Asp	Gly	Thr	Gly	Leu	Val	Pro	Ser	Glu

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<210> 19
<211> 64
<212> PRT
<213> Artificial Sequence

<220>
<223> Consensus sequence anti-FGFR3 Fynomers

<220>
<221> VARIANT
<222> 51
<223> any amino acid

<400> 19
Gly Val Thr Leu Phe Val Ala Leu Tyr Asp Tyr Glu Val Met Ser Thr
1 5 10 15
Thr Ala Leu Ser Phe His Lys Gly Glu Lys Phe Gln Ile Leu Ser Gln
20 25 30
Ser Pro His Gly Gln Tyr Trp Glu Ala Arg Ser Leu Thr Thr Gly Glu
35 40 45
Thr Gly Xaa Ile Pro Ser Asn Tyr Val Ala Pro Val Asp Ser Ile Gln
50 55 60

<210> 20
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> RT-loop sequence

<400> 20
Glu Val Met Ser Thr Thr Ala
1 5

<210> 21
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> src-loop sequence

<400> 21
Ser Gln Ser Pro His
1 5

<210> 22
<211> 64
<212> PRT
<213> Artificial Sequence

<220>

<223> FF40L54A5

<400> 22

Gly	Val	Thr	Leu	Phe	Val	Ala	Leu	Tyr	Asp	Tyr	Glu	Val	Met	Ser	Thr
1				5					10					15	
Thr	Ala	Leu	Ser	Phe	His	Lys	Gly	Glu	Lys	Phe	Gln	Ile	Leu	Ser	Gln
			20					25					30		
Ser	Pro	His	Gly	Gln	Tyr	Trp	Glu	Ala	Arg	Ser	Leu	Thr	Thr	Gly	Glu
		35					40					45			
Thr	Gly	Trp	Ile	Pro	Ser	Asn	Tyr	Val	Ala	Pro	Val	Asp	Ser	Ile	Gln
	50					55					60				