

SEQUENCE LISTING

<110> SANOFI

<120> NOVEL PEPTIDIC LINKERS AND CRYPTOPHYCIN CONJUGATES, THEIR PREPARATION AND THEIR THERAPEUTIC USE

<130> PR80291

<150> EP17305531

<151> 2017-05-10

<160> 5

<170> BiSSAP 1.3.6

<210> 1

<211> 238

<212> PRT

<213> Homo sapiens

<220>

<223> Light chain of antibody hu2H11_R35R74

<220>

<223> Light chain of antibody hu2H11_R35R74

<400> 1

Met	Gly	Trp	Ser	Cys	Ile	Ile	Leu	Phe	Leu	Val	Ala	Thr	Ala	Thr	Gly
1				5				10						15	
Val	His	Ser	Asp	Val	Val	Met	Thr	Gln	Thr	Pro	Leu	Ser	Leu	Ser	Val
			20					25					30		
Thr	Leu	Gly	Gln	Pro	Ala	Ser	Ile	Ser	Cys	Lys	Ser	Ser	Gln	Ser	Leu
		35					40						45		
Ile	His	Ser	Asp	Gly	Arg	Thr	Tyr	Leu	Asn	Trp	Leu	Leu	Gln	Arg	Pro
	50					55				60					
Gly	Gln	Ser	Pro	Lys	Arg	Leu	Ile	Tyr	Leu	Val	Ser	Arg	Leu	Asp	Ser
65				70					75					80	
Gly	Val	Pro	Asp	Arg	Phe	Thr	Gly	Ser	Gly	Ala	Gly	Thr	Asp	Phe	Thr
			85					90					95		
Leu	Lys	Ile	Ser	Arg	Val	Glu	Ala	Glu	Asp	Leu	Gly	Val	Tyr	Tyr	Cys
			100					105					110		
Trp	Gln	Gly	Ser	His	Phe	Pro	Arg	Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu
	115					120						125			
Glu	Ile	Lys	Arg	Thr	Val	Ala	Ala	Pro	Ser	Val	Phe	Ile	Phe	Pro	Pro
	130					135					140				
Ser	Asp	Glu	Gln	Leu	Lys	Ser	Gly	Thr	Ala	Ser	Val	Val	Cys	Leu	Leu
145				150						155				160	

Asn	Asn	Phe	Tyr	Pro	Arg	Glu	Ala	Lys	Val	Gln	Trp	Lys	Val	Asp	Asn
				165					170					175	
Ala	Leu	Gln	Ser	Gly	Asn	Ser	Gln	Glu	Ser	Val	Thr	Glu	Gln	Asp	Ser
			180					185					190		
Lys	Asp	Ser	Thr	Tyr	Ser	Leu	Ser	Ser	Thr	Leu	Thr	Leu	Ser	Lys	Ala
	195						200					205			
Asp	Tyr	Glu	Lys	His	Lys	Val	Tyr	Ala	Cys	Glu	Val	Thr	His	Gln	Gly
	210					215					220				
Leu	Ser	Ser	Pro	Val	Thr	Lys	Ser	Phe	Asn	Arg	Gly	Glu	Cys		
225					230					235					

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 <213> Homo sapiens

<220>
 <223> Heavy chain of antibody hu2H11_R35R74

<220>
 <223> Heavy chain of antibody hu2H11_R35R74

<400> 2

Met	Gly	Trp	Ser	Cys	Ile	Ile	Leu	Phe	Leu	Val	Ala	Thr	Ala	Thr	Gly
1				5					10					15	
Val	His	Ser	Gln	Val	Gln	Leu	Val	Gln	Ser	Gly	Ala	Glu	Val	Val	Lys
			20					25					30		
Pro	Gly	Ala	Ser	Val	Lys	Ile	Ser	Cys	Lys	Ala	Ser	Gly	Tyr	Thr	Phe
	35					40					45				
Thr	Ala	Tyr	Tyr	Met	His	Trp	Val	Lys	Gln	Ser	Pro	Val	Gln	Ser	Leu
	50				55					60					
Glu	Trp	Ile	Gly	Leu	Val	Asn	Pro	Tyr	Asn	Gly	Phe	Ser	Ser	Tyr	Asn
65				70					75					80	
Gln	Lys	Phe	Gln	Gly	Lys	Ala	Ser	Leu	Thr	Val	Asp	Arg	Ser	Ser	Ser
			85					90					95		
Thr	Ala	Tyr	Met	Glu	Leu	His	Ser	Leu	Thr	Ser	Glu	Asp	Ser	Ala	Val
	100						105					110			
Tyr	Tyr	Cys	Ala	Arg	Glu	Phe	Tyr	Gly	Tyr	Arg	Tyr	Phe	Asp	Val	Trp
	115					120					125				
Gly	Gln	Gly	Thr	Ala	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys	Gly	Pro
	130				135					140					
Ser	Val	Phe	Pro	Leu	Ala	Pro	Ser	Ser	Lys	Ser	Thr	Ser	Gly	Gly	Thr
145				150					155					160	
Ala	Ala	Leu	Gly	Cys	Leu	Val	Lys	Asp	Tyr	Phe	Pro	Glu	Pro	Val	Thr
			165					170					175		
Val	Ser	Trp	Asn	Ser	Gly	Ala	Leu	Thr	Ser	Gly	Val	His	Thr	Phe	Pro
	180						185					190			
Ala	Val	Leu	Gln	Ser	Ser	Gly	Leu	Tyr	Ser	Leu	Ser	Ser	Val	Val	Thr
	195					200						205			

Val	Pro	Ser	Ser	Ser	Leu	Gly	Thr	Gln	Thr	Tyr	Ile	Cys	Asn	Val	Asn
210						215					220				
His	Lys	Pro	Ser	Asn	Thr	Lys	Val	Asp	Lys	Lys	Val	Glu	Pro	Lys	Ser
225					230					235					240
Cys	Asp	Lys	Thr	His	Thr	Cys	Pro	Pro	Cys	Pro	Ala	Pro	Glu	Leu	Leu
				245						250				255	
Gly	Gly	Pro	Ser	Val	Phe	Leu	Phe	Pro	Pro	Lys	Pro	Lys	Asp	Thr	Leu
			260					265					270		
Met	Ile	Ser	Arg	Thr	Pro	Glu	Val	Thr	Cys	Val	Val	Val	Asp	Val	Ser
	275						280				285				
His	Glu	Asp	Pro	Glu	Val	Lys	Phe	Asn	Trp	Tyr	Val	Asp	Gly	Val	Glu
	290					295					300				
Val	His	Asn	Ala	Lys	Thr	Lys	Pro	Arg	Glu	Glu	Gln	Tyr	Asn	Ser	Thr
305					310					315					320
Tyr	Arg	Val	Val	Ser	Val	Leu	Thr	Val	Leu	His	Gln	Asp	Trp	Leu	Asn
				325					330					335	
Gly	Lys	Glu	Tyr	Lys	Cys	Lys	Val	Ser	Asn	Lys	Ala	Leu	Pro	Ala	Pro
				340					345				350		
Ile	Glu	Lys	Thr	Ile	Ser	Lys	Ala	Lys	Gly	Gln	Pro	Arg	Glu	Pro	Gln
	355						360						365		
Val	Tyr	Thr	Leu	Pro	Pro	Ser	Arg	Asp	Glu	Leu	Thr	Lys	Asn	Gln	Val
	370					375					380				
Ser	Leu	Thr	Cys	Leu	Val	Lys	Gly	Phe	Tyr	Pro	Ser	Asp	Ile	Ala	Val
385					390					395					400
Glu	Trp	Glu	Ser	Asn	Gly	Gln	Pro	Glu	Asn	Asn	Tyr	Lys	Thr	Thr	Pro
				405					410					415	
Pro	Val	Leu	Asp	Ser	Asp	Gly	Ser	Phe	Phe	Leu	Tyr	Ser	Lys	Leu	Thr
			420					425					430		
Val	Asp	Lys	Ser	Arg	Trp	Gln	Gln	Gly	Asn	Val	Phe	Ser	Cys	Ser	Val
	435						440					445			
Met	His	Glu	Ala	Leu	His	Asn	His	Tyr	Thr	Gln	Lys	Ser	Leu	Ser	Leu
	450					455					460				
Ser	Pro	Gly													
465															

<210> 3
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 <213> Artificial Sequence

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<223> Xaa represents a citrulline

<400> 3

Gly Phe Leu Xaa

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<223> Possible AAns

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Gly Phe Leu Gly

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<210> 5

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<212> PRT

<213> Artificial Sequence

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<400> 5

Ala Leu Ala Leu

1