

SEQUENCE LISTING

<110> EGGING David

BEUSKER Patrick Henry

MATTAAR Ellen

BOS Ebo

Synthon Biopharmaceuticals B.V.

<120> PAN-REACTIVE ANTIBODIES TO DUOCARMYCINS

<130> P1634PC00/PB-057

<150> EP14185773.0

<151> 2014-09-22

<160> 6

<170> BiSSAP 1.3

<210> 1

<211> 122

<212> PRT

<213> Mus musculus

<400> 1

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

<210> 2

<211> 112

<212> PRT

<213> Mus musculus

<400> 2

Asp Val Val Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly

1	5	10	15
Asp Gln Ala Ser Ile Phe Cys Arg Ser Ser Gln Ser Leu Val His Ser			
20	25	30	
Asp Gly Asn Thr Tyr Leu His Trp Tyr Leu Gln Lys Pro Gly Gln Ser			
35	40	45	
Pro Lys Leu Leu Ile Tyr Thr Val Ser Asn Arg Phe Ser Gly Val Pro			
50	55	60	
Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile			
65	70	75	80
Ser Arg Val Glu Ala Glu Asp Leu Gly Val Tyr Phe Cys Ser Gln Ser			
85	90	95	
Thr His Val Pro Trp Thr Phe Gly Gly Gly Thr Thr Leu Glu Ile Lys			
100	105	110	

<210> 3
 <211> 122
 <212> PRT
 <213> Mus musculus

<400> 3

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

<210> 4
 <211> 109
 <212> PRT
 <213> Mus musculus

<400> 4

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

35	40	45
Leu Ile Gly Gly Thr Asn Asn Arg Ala Pro Gly Val Pro Ala Arg Phe		
50	55	60
Ser Gly Ser Leu Ile Gly Asp Lys Ala Ala Leu Thr Ile Thr Gly Ala		
65	70	75
Gln Thr Glu Asp Glu Ala Ile Tyr Phe Cys Ala Leu Trp Tyr Ser Asn		
85	90	95
His Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu		
100	105	

<210> 5
 <211> 115
 <212> PRT
 <213> Mus musculus

<400> 5
Glu Val Lys Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15
Ser Leu Lys Val Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30
Ala Met Ser Trp Val Arg Gln Ile Pro Asp Lys Arg Leu Glu Trp Val
35 40 45
Ala Ser Ile Ser Thr Gly Gly Ile Thr Tyr Tyr Leu Asp Gly Val Lys
50 55 60
Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Arg Asn Ile Leu Tyr Leu
65 70 75 80
Gln Met Ser Ser Leu Arg Ser Glu Asp Thr Ala Ile Tyr Tyr Cys Ala
85 90 95
Arg Trp Ser Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Thr
100 105 110
Val Ser Ser
115

<210> 6
 <211> 108
 <212> PRT
 <213> Mus musculus

<400> 6
Gln Ile Val Leu Thr Gln Ser Pro Ala Ile Met Ser Ala Ser Leu Gly
1 5 10 15
Glu Arg Val Thr Met Thr Cys Thr Ala Ser Ser Ser Val Ser Ser Ser
20 25 30
Tyr Leu His Trp Tyr Gln Gln Lys Pro Gly Ser Ser Pro Lys Val Trp
35 40 45
Ile Tyr Ser Thr Ser Asn Leu Ala Ser Gly Val Pro Ala Arg Phe Arg
50 55 60
Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met Glu
65 70 75 80
Ala Glu Asp Ala Ala Thr Tyr Tyr Cys His Gln Tyr His Arg Ser Pro

				85					90				95
Pro	Thr	Phe	Gly	Gly	Gly	Thr	Lys	Leu	Glu	Ile	Lys		
			100					105					