

SEQUENCE LISTING

<110> Genmab A/S
 Merck Sharp & Dohme Corp.
 MSD International GmbH

<120> METHODS OF TREATING CANCER WITH A COMBINATION OF AN
 ANTI-PD-1 ANTIBODY AND AN ANTI-TISSUE FACTOR
 ANTIBODY-DRUG CONJUGATE

<130> 76168-20004.40

<140> Not Yet Assigned
 <141> Concurrently Herewith

<150> US 62/753,725
 <151> 2018-10-31

<150> US 62/668,088
 <151> 2018-05-07

<160> 34

<170> FastSEQ for Windows Version 4.0

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<220>
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<400> 1
 Gly Phe Thr Phe Ser Asn Tyr Ala
 1 5

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<400> 2
 Ile Ser Gly Ser Gly Asp Tyr Thr
 1 5

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<400> 3
 Ala Arg Ser Pro Trp Gly Tyr Tyr Leu Asp Ser
 1 5 10

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<220>
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<400> 4
 Gln Gly Ile Ser Ser Arg
 1 5

<210> 5
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<400> 5
 Ala Ala Ser
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<210> 6
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<400> 6

Gln Gln Tyr Asn Ser Tyr Pro Tyr Thr
 1 5

<210> 7

<211> 118

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<400> 7

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

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<400> 8

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

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Asn Ser Tyr Pro Tyr
 85 90 95
 Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys
 100 105

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 <212> PRT
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<220>
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<400> 9
 Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
 1 5 10 15
 Ser Leu Arg Leu Ser Cys Ala Ala Ser
 20 25

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<220>
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<400> 10
 Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ser
 1 5 10 15
 Ser

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<220>
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<400> 11
 Tyr Tyr Thr Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn
 1 5 10 15
 Ser Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp
 20 25 30
 Thr Ala Val Tyr Tyr Cys

35

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<400> 12
 Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
 1 5 10

<210> 13
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<220>
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<400> 13
 Asp Ile Gln Met Thr Gln Ser Pro Pro Ser Leu Ser Ala Ser Ala Gly
 1 5 10 15
 Asp Arg Val Thr Ile Thr Cys Arg Ala Ser
 20 25

<210> 14
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 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 14
 Leu Ala Trp Tyr Gln Gln Lys Pro Glu Lys Ala Pro Lys Ser Leu Ile
 1 5 10 15
 Tyr

<210> 15
 <211> 36
 <212> PRT
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<220>

<223> Synthetic Construct

<400> 15

Ser	Leu	Gln	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser	Gly	Ser	Gly	Ser	Gly
1				5					10					15	
Thr	Asp	Phe	Thr	Leu	Thr	Ile	Ser	Ser	Leu	Gln	Pro	Glu	Asp	Phe	Ala
			20					25					30		
Thr	Tyr	Tyr	Cys												
			35												

<210> 16

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 16

Phe	Gly	Gln	Gly	Thr	Lys	Leu	Glu	Ile	Lys
1				5					10

<210> 17

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 17

Asn	Tyr	Tyr	Met	Tyr
1				5

<210> 18

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 18

Gly	Ile	Asn	Pro	Ser	Asn	Gly	Gly	Thr	Asn	Phe	Asn	Glu	Lys	Phe	Lys
1				5					10					15	

Asn

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<220>
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<400> 19
 Arg Asp Tyr Arg Phe Asp Met Gly Phe Asp Tyr
 1 5 10

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 <212> PRT
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<220>
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<400> 20
 Arg Ala Ser Lys Gly Val Ser Thr Ser Gly Tyr Ser Tyr Leu His
 1 5 10 15

<210> 21
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<220>
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<400> 21
 Leu Ala Ser Tyr Leu Glu Ser
 1 5

<210> 22
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<220>
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<400> 22

Gln His Ser Arg Asp Leu Pro Leu Thr
1 5

<210> 23

<211> 30

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<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 23

Gln Val Gln Leu Val Gln Ser Gly Val Glu Val Lys Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr
20 25 30

<210> 24

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Synthetic Construct

<400> 24

Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met Gly
1 5 10

<210> 25

<211> 32

<212> PRT

<213> Artificial Sequence

<220>

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<400> 25

Arg Val Thr Leu Thr Thr Asp Ser Ser Thr Thr Thr Ala Tyr Met Glu
1 5 10 15
Leu Lys Ser Leu Gln Phe Asp Asp Thr Ala Val Tyr Tyr Cys Ala Arg
20 25 30

<210> 26

<211> 11
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 26
 Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
 1 5 10

<210> 27
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 <213> Artificial Sequence

<220>
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<400> 27
 Glu Ile Val Leu Thr Gln Ser Pro Ala Thr Leu Ser Leu Ser Pro Gly
 1 5 10 15
 Glu Arg Ala Thr Leu Ser Cys
 20

<210> 28
 <211> 15
 <212> PRT
 <213> Artificial Sequence

<220>
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<400> 28
 Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile Tyr
 1 5 10 15

<210> 29
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 <213> Artificial Sequence

<220>
 <223> Synthetic Construct

<400> 29
 Gly Val Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr

1	5	10	15
Leu Thr Ile Ser Ser Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys			
20	25	30	

<210> 30
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<220>
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<400> 30
Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
1 5 10

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<220>
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<400> 31
Gln Val Gln Leu Val Gln Ser Gly Val Glu Val Lys Lys Pro Gly Ala
1 5 10 15
Ser Val Lys Val Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
20 25 30
Tyr Met Tyr Trp Val Arg Gln Ala Pro Gly Gln Gly Leu Glu Trp Met
35 40 45
Gly Gly Ile Asn Pro Ser Asn Gly Gly Thr Asn Phe Asn Glu Lys Phe
50 55 60
Lys Asn Arg Val Thr Leu Thr Thr Asp Ser Ser Thr Thr Thr Ala Tyr
65 70 75 80
Met Glu Leu Lys Ser Leu Gln Phe Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95
Ala Arg Arg Asp Tyr Arg Phe Asp Met Gly Phe Asp Tyr Trp Gly Gln
100 105 110
Gly Thr Thr Val Thr Val Ser Ser
115 120

<210> 32
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<400> 32

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

<210> 33

<211> 446

<212> PRT

<213> Artificial Sequence

<220>

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<400> 33

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

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

<210> 34

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<400> 34

Glu	Ile	Val	Leu	Thr	Gln	Ser	Pro	Ala	Thr	Leu	Ser	Leu	Ser	Pro	Gly	
1				5				10						15		
Glu	Arg	Ala	Thr	Leu	Ser	Cys	Arg	Ala	Ser	Lys	Gly	Val	Ser	Thr	Ser	
			20					25					30			

