

49487A_SeqListing
SEQUENCE LISTING

<110> IMMUNE DESIGN CORP.

<120> NY-ESO-1 SPECIFIC TCRS AND METHODS OF USE THEREOF

<130> 31943/49487A

<150> US 62/216,099
<151> 2015-09-09

<150> US 62/377,276
<151> 2016-08-19

<160> 26

<170> PatentIn version 3.5

<210> 1
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Public TCR CDR3 consensus sequence

<220>
<221> MISC_FEATURE
<222> (9)..(12)
<223> Xaa is any amino acid

<400> 1

Cys Ala Ser Ser Leu Asn Arg Asp Xaa Xaa Xaa Xaa Phe
1 5 10

<210> 2
<211> 13
<212> PRT
<213> Homo sapiens

<400> 2

Cys Ala Ser Ser Leu Asn Arg Asp Tyr Gly Tyr Thr Phe
1 5 10

49487A_SeqListing

<210> 3
 <211> 13
 <212> PRT
 <213> Homo sapiens

<400> 3

Cys	Ala	Ser	Ser	Leu	Asn	Arg	Asp	Gln	Pro	Gln	His	Phe
1				5				10				

<210> 4
 <211> 13
 <212> PRT
 <213> Homo sapiens

<400> 4

Cys	Ala	Ser	Arg	Leu	Ala	Gly	Gln	Glu	Thr	Gln	Tyr	Phe
1				5				10				

<210> 5
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 5
 aagatccagc gcacacagca ggaggactcc gccgtgtatc tctgtgccag cagcttgaac 60
 agggactatg gctacacctt cggttcg 87

<210> 6
 <211> 87
 <212> DNA
 <213> Homo sapiens

<400> 6
 acgattcagc gcacagagca gcgggactca gccatgtatc gctgtgctag cagcttgaac 60
 agggaccagc cccagcattt tggatgat 87

<210> 7
 <211> 87
 <212> DNA

49487A_SeqListing

<213> Homo sapiens

<400> 7

attcttgaggt ccgccagcac caaccagaca tctatgtacc tctgtgccag cagactagcg 60

ggacaagaga cccagtactt cggggcca 87

<210> 8

<211> 200

<212> PRT

<213> Homo sapiens

<400> 8

Met Glu Thr Leu Leu Gly Leu Leu Ile Leu Trp Leu Gln Leu Gln Trp
1 5 10 15

Val Ser Ser Lys Gln Glu Val Thr Gln Ile Pro Ala Ala Leu Ser Val
20 25 30

Pro Glu Gly Glu Asn Leu Val Leu Asn Cys Ser Phe Thr Asp Ser Ala
35 40 45

Ile Tyr Asn Leu Gln Trp Phe Arg Gln Asp Pro Gly Lys Gly Leu Thr
50 55 60

Ser Leu Leu Leu Ile Gln Ser Ser Gln Arg Glu Gln Thr Ser Gly Arg
65 70 75 80

Leu Asn Ala Ser Leu Asp Lys Ser Ser Gly Arg Ser Thr Leu Tyr Ile
85 90 95

Ala Ala Ser Gln Pro Gly Asp Ser Ala Thr Tyr Leu Cys Ala Val Val
100 105 110

Gly Gly Ser Tyr Ile Pro Thr Phe Gly Arg Gly Thr Ser Leu Ile Val
115 120 125

His Pro Tyr Ile Gln Lys Pro Asp Pro Ala Val Tyr Gln Leu Arg Asp

49487A_SeqListing

130

135

140

Ser Lys Ser Ser Asp Lys Ser Val Cys Leu Phe Thr Asp Phe Asp Ser
145 150 155 160

Gln Thr Asn Val Ser Gln Ser Lys Asp Ser Asp Val Tyr Ile Thr Asp
165 170 175

Lys Thr Val Leu Asp Met Arg Ser Met Asp Phe Lys Ser Asn Ser Ala
180 185 190

Val Ala Trp Ser Asn Lys Ser Asp
195 200

<210> 9
<211> 117
<212> PRT
<213> Homo sapiens

<400> 9

Asp Val Lys Val Thr Gln Ser Ser Arg Tyr Leu Val Lys Arg Thr Gly
1 5 10 15

Glu Lys Val Phe Leu Glu Cys Val Gln Asp Met Asp His Glu Asn Met
20 25 30

Phe Trp Tyr Arg Gln Asp Pro Gly Leu Gly Leu Arg Leu Ile Tyr Phe
35 40 45

Ser Tyr Asp Val Lys Met Lys Glu Lys Gly Asp Ile Pro Glu Gly Tyr
50 55 60

Ser Val Ser Arg Glu Lys Lys Glu Arg Phe Ser Leu Ile Leu Glu Ser
65 70 75 80

Ala Ser Thr Asn Gln Thr Ser Met Tyr Leu Cys Ala Ser Arg Leu Ala
85 90 95

49487A_SeqListing

Gly Gln Glu Thr Gln Tyr Phe Gly Pro Gly Thr Arg Leu Leu Val Leu
100 105 110

Glu Asp Leu Lys Asn
115

<210> 10
<211> 87
<212> DNA
<213> Homo sapiens

<400> 10
aagatccagc cctcagaacc cagggactca gctgtgtact tctgtgccag cagtttgaac 60
cgggactatg gctacacctt cggttcg 87

<210> 11
<211> 87
<212> DNA
<213> Homo sapiens

<400> 11
aagatccagc gcacagagcg gggggactca gccgtgtatc tctgtgccag cagcttaaac 60
agggactatg gctacacctt cggttcg 87

<210> 12
<211> 87
<212> DNA
<213> Homo sapiens

<400> 12
gagatccagc gcacagagca gggggactcg gccatgtatc tctgtgccag cagcttaaac 60
cgggaccagc cccagcattt tggatgat 87

<210> 13
<211> 87
<212> DNA
<213> Homo sapiens

49487A_SeqListing

<400> 13
aatgtgaacg ccttggagct ggacgactcg gccctgtatc tctgtgccag cagcttgaat 60
cgtgatcagc cccagcattt tggatgat 87

<210> 14
<211> 87
<212> DNA
<213> Homo sapiens

<400> 14
aggctggagt tggctgctcc ctcccagaca tctgtgtact tctgtgccag cagactagcg 60
gggcaagaga cccagtactt cgggcca 87

<210> 15
<211> 87
<212> DNA
<213> Homo sapiens

<400> 15
aatgtgagca ccttggagct gggggactcg gccctttatc tttgcgccag cagactagcg 60
gggcaagaga cccagtactt cgggcca 87

<210> 16
<211> 170
<212> PRT
<213> Homo sapiens

<400> 16
Met Glu Ala Val Val Thr Thr Leu Pro Arg Glu Gly Gly Val Arg Pro
1 5 10 15

Ser Arg Lys Met Leu Leu Leu Leu Leu Leu Gly Pro Gly Ser Gly
20 25 30

Leu Gly Ala Val Val Ser Gln His Pro Ser Trp Val Ile Cys Lys Ser
35 40 45

Gly Thr Ser Val Lys Ile Glu Cys Arg Ser Leu Asp Phe Gln Ala Thr

49487A_SeqListing

50

55

60

Thr Met Phe Trp Tyr Arg Gln Phe Pro Lys Gln Ser Leu Met Leu Met
65 70 75 80

Ala Thr Ser Asn Glu Gly Ser Lys Ala Thr Tyr Glu Gln Gly Val Glu
85 90 95

Lys Asp Lys Phe Leu Ile Asn His Ala Ser Leu Thr Leu Ser Thr Leu
100 105 110

Thr Val Thr Ser Ala His Pro Glu Asp Ser Ser Phe Tyr Ile Cys Ser
115 120 125

Ala Arg Lys Gly Leu Ala Gly Arg Glu Thr Gln Tyr Phe Gly Pro Gly
130 135 140

Thr Arg Leu Leu Val Leu Glu Asp Leu Lys Asn Val Phe Pro Pro Glu
145 150 155 160

Val Ala Val Phe Glu Pro Ser Glu Ala Glu
165 170

<210> 17

<211> 87

<212> DNA

<213> Homo sapiens

<400> 17

aagatccggt ccacaaagct ggaggactca gccatgtact tctgtgccag cagtctaaac 60

agggactatg gctacacctt cggttcg 87

<210> 18

<211> 87

<212> DNA

<213> Homo sapiens

<400> 18

49487A_SeqListing

attcttgagtc ccgccagcac caaccagaca tctatgtacc tctgtgccag cagtttaaac 60

cgggattatg gctacacctt cggttcg 87

<210> 19

<211> 87

<212> DNA

<213> Homo sapiens

<400> 19

aatgtgaacg ccttggagct ggaggactcg gccctgtatc tctgtgccag cagcttgaac 60

agggatcagc cccagcattt tggatgat 87

<210> 20

<211> 87

<212> DNA

<213> Homo sapiens

<400> 20

aacatgagct ccttggagct gggggactca gccctgtact tctgtgccag cagcttgaac 60

agggatcagc cccagcattt tggatgat 87

<210> 21

<211> 87

<212> DNA

<213> Homo sapiens

<400> 21

aatgtgaacg ccttgttgct gggggactcg gccctgtatc tctgtgccag cagcttgaac 60

agggatcagc cccagcattt tggatgat 87

<210> 22

<211> 87

<212> DNA

<213> Homo sapiens

<400> 22

aggctggagtc tggctgctcc ctcccagaca tctgtgtact tctgtgccag cagacttgccg 60

ggccaagaga cccagtactt cgggcca 87

49487A_SeqListing

<210> 23
 <211> 87
 <212> DNA
 <213> Homo sapiens

 <400> 23
 accctggagt ctgccaggcc ctacatacc tctcagtacc tctgtgccag cagactagcg 60
 ggacaggaga cccagtactt cgggcca 87

 <210> 24
 <211> 39
 <212> DNA
 <213> Homo sapiens

 <400> 24
 tgtgctagca gcttgaacag ggaccagccc cagcatttt 39

 <210> 25
 <211> 39
 <212> DNA
 <213> Homo sapiens

 <400> 25
 tgtgccagca gcttaaacag ggaccagccc cagcatttt 39

 <210> 26
 <211> 39
 <212> DNA
 <213> Homo sapiens

 <400> 26
 tgtgccagca gcttaaacag ggaccagccc cagcatttt 39