SEQUENCE LISTING

<110> Agency For Science, Technology and Research (A*STAR)
Zeng, Qi

<120> Antibodies for Diagnosis and Treatment of Cancer

<130> P000028WO1

<150> 60/924,201

<151> 2007-05-03

<150> 61/064,229

<151> 2008-02-22

<160> 39

<170> PatentIn version 3.3

<210> 1

<211> 455

<212> DNA

<213> Mus musculus

<400> 1

gggaattcat gaaatgcagc tgggttattc tcttcctgtt ttcagtaact gcaggtgtcc 60

actcccaggt ccagtttcag cagtctgggg ctgaactggc aaaacctggg gcctcagtga 120

agatgtcctg caaggcttct ggctacactt ttactagtta tcggatgcac tgggtaaaac 180

agaggcctgg acagggtctg gaatggattg gatacattaa tcctagcact ggttatactg 240

agtacaatca gaagttcaag gacaaggcca cattgactgc agacaaatcc tccagcacag 300

cctacatgca actgagcagc ctgacatctg aggactctgc agtctattac tgttcaagct 360

atggtaactt cggctactgg ggccaaggca ccactctcac agtctcctca gagagtcagt 420

ccttcccaaa tgtcttcccc ctcgtaagct tggga 455

<210> 2

<211> 151

<212> PRT

<213> Mus musculus

<400> 2

Glu Phe Met Lys Cys Ser Trp Val Ile Leu Phe Leu Phe Ser Val Thr

1 5 10 15

Ala Gly Val His Ser Gln Val Gln Phe Gln Gln Ser Gly Ala Glu Leu
20 25 30

Ala Lys Pro Gly Ala Ser Val Lys Met Ser Cys Lys Ala Ser Gly Tyr
35 40 45

Thr Phe Thr Ser Tyr Arg Met His Trp Val Lys Gln Arg Pro Gly Gln
50 55 60

Gly Leu Glu Trp Ile Gly Tyr Ile Asn Pro Ser Thr Gly Tyr Thr Glu
65 70 75 80

Tyr Asn Gln Lys Phe Lys Asp Lys Ala Thr Leu Thr Ala Asp Lys Ser
85 90 95

Ser Ser Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser
100 105 110

Ala Val Tyr Tyr Cys Ser Ser Tyr Gly Asn Phe Gly Tyr Trp Gly Gln
115 120 125

Gly Thr Thr Leu Thr Val Ser Ser Glu Ser Gln Ser Phe Pro Asn Val
130 135 140

Phe Pro Leu Val Ser Leu Gly
145 150

<210> 3

<211> 391

<212> DNA

<213> Mus musculus

<400> 3

ctgtctactg ctctctggtg agagtcagtc tcacttgtcg ggcaagtcag gacattggta
60

gtagcttaaa ctggcttcag cagaaagcag atggaaccat taaacgcctg atctatgcca
120

catccagttt agattctggt gtccccaaaa ggttcagtgg cagtaggtct gggtcagatt
180

attctctcac catcagcagc cttgagtctg aagattttgt agactattac tgtctacaat
240

atgctagttc tccgtggacg ttcggtggag gcaccaagct ggaaatcaaa cgggctgatg
300

ctgcacctca ctggagatcc tgcagatcac gcgaactgtg gctgcaccat ctgtcttcat
360

cttcccgcca tctgatgagc agttgaaatc t
391

<210> 4
<211> 127
<212> PRT
<213> Mus musculus
<400> 4

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

<210> 5
<211> 473
<212> DNA
<213> Mus musculus
<400> 5

gggaattcat ggaatggagc tgggttattc tcttcctcct gtcaataatt gcaggtgtcc 60

attgccaggt ccagctgcag cagtctggac ctgagctggt gaagcctggg gcttcagtga 120

ggatatcctg caaggcttct ggctacacct tcacaagcta ctatatacac tgggtgaagc 180

agaggcctgg acagggactt gagtggattg gatggattta tcctggaaat gttaatactg 240

agtacaatga gaagttcagg ggcaaggcca cactgactgc agacaaatcc tccagcacag 300

cctacatgca gctcagcagc ctgacctctg aggactctgc ggtctatttc tgtgcaagtg 360

aggagaggaa ttacccctgg tttgcttact ggggccaagg gactctggtc actgtctctg
420

cagccaaaac gacaccccca cccgtctatc ccttggtccc tggaagcttg gga
473

<210> 6

<211> 157

<212> PRT

<213> Mus musculus

<400> 6

Glu Phe Met Glu Trp Ser Trp Val Ile Leu Phe Leu Leu Ser Ile Ile
1 5 10 15

Ala Gly Val His Cys Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu
20 25 30

Val Lys Pro Gly Ala Ser Val Arg Ile Ser Cys Lys Ala Ser Gly Tyr
35 40 45

Thr Phe Thr Ser Tyr Tyr Ile His Trp Val Lys Gln Arg Pro Gly Gln
50 55 60

Gly Leu Glu Trp Ile Gly Trp Ile Tyr Pro Gly Asn Val Asn Thr Glu
65 70 75 80

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

Ser Ser Thr Ala Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser
100 105 110

Ala Val Tyr Phe Cys Ala Ser Glu Glu Arg Asn Tyr Pro Trp Phe Ala
115 120 125

Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala Ala Lys Thr Thr
130 135 140

Pro Pro Pro Val Tyr Pro Leu Val Pro Gly Ser Leu Gly
145 150 155

<210> 7

<211> 456

<212> DNA

<213> Mus musculus

<400> 7

tgggaattca tggagacaga cacactcctg ctatgggtgc tgctgctctg ggttccaggc
60

tccactggtg acattgtgct gacccaatct ccagcttctt tggctgtgtc tctagggcag
120

agggccacca tctcctgcaa ggccagccaa agtgttgaag atgatggtga aaattatatg
180

aactggtacc aacagaaacc aggacagtca cccaaactcc tcatctatgc tgcatccaat
240

ctagaatctg ggatcccagc caggttcagt ggcagtgggt ctgggacaga cttcaccctc
300

aacatccatc ctgtggagga ggaggatgct gcaacctatt actgtcagca aagtaatgag
360

gatccattca cgttcggctc ggggacaaag ttggaaataa aacgggctga tgctgcacca
420

actgtatcca tcttcccacc atccagtaag cttggg
456

<210> 8

<211> 152

<212> PRT

<213> Mus musculus

<400> 8

Trp Glu Phe Met Glu Thr Asp Thr Leu Leu Leu Trp Val Leu Leu Leu
1 5 10 15

Trp Val Pro Gly Ser Thr Gly Asp Ile Val Leu Thr Gln Ser Pro Ala
20 25 30

Ser Leu Ala Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Cys Lys Ala
35 40 45

Ser Gln Ser Val Glu Asp Asp Gly Glu Asn Tyr Met Asn Trp Tyr Gln
50 55 60

Gln Lys Pro Gly Gln Ser Pro Lys Leu Leu Ile Tyr Ala Ala Ser Asn
65 70 75 80

Leu Glu Ser Gly Ile Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr
85 90 95

Asp Phe Thr Leu Asn Ile His Pro Val Glu Glu Glu Asp Ala Ala Thr
100 105 110

Tyr Tyr Cys Gln Gln Ser Asn Glu Asp Pro Phe Thr Phe Gly Ser Gly
115 120 125

Thr Lys Leu Glu Ile Lys Arg Ala Asp Ala Ala Pro Thr Val Ser Ile
130 135 140

Phe Pro Pro Ser Ser Lys Leu Gly

145 150

<210> 9

<211> 471

<212> DNA

<213> Mus musculus

<400> 9

gggaattcat ggaatggagc tgggttttcc tcttcctcct gtcaataatt gcaggtgtcc 60

attgccaggt ccagctgcag cagtctggac ctgagctggt gaagcctggg gcttcagtga 120

ggatatcctg caaggcttct ggctacacct tcacaaacta ctatatgcac tgggtgaagc 180

agaggcctgg acagggactt gagtggattg gatggattta tcctggaaat gttaatactt 240

attacaatga gaagttcagg gcaaggccac actgactgca gacaaatcct ccagcacagc 300

ctacatgcag ctcagcagcc tgacctctga ggactctgcg gtctatttct gtgcaagtga 360

ggagagaatt acccctggtt tgcttactgg ggccaaggga ctctggtcac tgtctctgca 420

gccaaaacga cacccccatc cgtctatccc ctggtccctg gaagcttggg a 471

<210> 10

<211> 154

<212> PRT

<213> Mus musculus

<400> 10

Glu Phe Met Glu Trp Ser Trp Val Phe Leu Phe Leu Leu Ser Ile Ile
1 5 10 15

Ala Gly Val His Cys Gln Val Gln Leu Gln Gln Ser Gly Pro Glu Leu
20 25 30

Val Lys Pro Gly Ala Ser Val Arg Ile Ser Cys Lys Ala Ser Gly Tyr
35 40 45

Thr Phe Thr Asn Tyr Tyr Met His Trp Val Lys Gln Arg Pro Gly Gln
50 55 60

Gly Leu Glu Trp Ile Gly Trp Ile Tyr Pro Gly Asn Val Asn Thr Tyr
65 70 75 80

Tyr Asn Glu Lys Phe Arg Ala Arg Pro His Leu Gln Thr Asn Pro Pro
85 90 95

Ala Gln Pro Thr Cys Ser Ser Ala Ala Pro Leu Arg Thr Leu Arg Ser
100 105 110

Ile Ser Val Gln Val Arg Arg Glu Leu Pro Leu Val Cys Leu Leu Gly
115 120 125

Pro Arg Asp Ser Gly His Cys Leu Cys Ser Gln Asn Asp Thr Pro Ile
130 135 140

Arg Leu Ser Pro Gly Pro Trp Lys Leu Gly
145 150

<210> 11

<211> 453

<212> DNA

<213> Mus musculus

<400> 11

actagtcgac atggagtcag acacactgct gttatgggta ctgctgctct gggttccagg 60

ttccactggt gacattgtgc tgacacagtc tcctgcttcc ttagctgtat ctctggggca 120

gagggccacc atctcataca gggccagcaa aagtgtcagt acatctggct atagttatat 180

gcactggaac caacagaaac caggacagcc acccagactc ctcatctatc ttgtatccaa 240

cctagaatct ggggtccctg ccaggttcag tggcagtggg tctgggacag acttcaccct 300

caacatccat cctgtggagg aggaggatgc tgcaacctat tactgtcagc acattaggga 360

gcttacacgt tcggaggggg gaccaagctg gaaataaaac gggctgatgc tgcaccaact 420

gtatccatct tcccaccatc cataagcttg gga 453

<210> 12

<211> 131

<212> PRT

<213> Mus musculus

<400> 12

Leu Val Asp Met Glu Ser Asp Thr Leu Leu Leu Trp Val Leu Leu Leu
1 5 10 15

Trp Val Pro Gly Ser Thr Gly Asp Ile Val Leu Thr Gln Ser Pro Ala
20 25 30

Ser Leu Ala Val Ser Leu Gly Gln Arg Ala Thr Ile Ser Tyr Arg Ala

35 40 45

Ser Lys Ser Val Ser Thr Ser Gly Tyr Ser Tyr Met His Trp Asn Gln

50 55 60

Gln Lys Pro Gly Gln Pro Pro Arg Leu Leu Ile Tyr Leu Val Ser Asn

65 70 75 80

Leu Glu Ser Gly Val Pro Ala Arg Phe Ser Gly Ser Gly Ser Gly Thr

85 90 95

Asp Phe Thr Leu Asn Ile His Pro Val Glu Glu Glu Asp Ala Ala Thr

100 105 110

Tyr Tyr Cys Gln His Ile Arg Glu Leu Thr Arg Ser Glu Gly Gly Pro

115 120 125

Ser Trp Lys

130

<210> 13

<211> 6

<212> PRT

<213> Homo sapiens

<400> 13

Thr Tyr Lys Asn Met Arg

1 5

<210> 14

<211> 6

<212> PRT

<213> Homo sapiens

<400> 14

Thr Leu Asn Lys Phe Ile

1 5

<210> 15

<211> 6

<212> PRT

<213> Homo sapiens

<400> 15

Asn Lys Phe Ile Glu Glu

1 5

<210> 16

<211> 6

<212> PRT
<213> Homo sapiens
<400> 16
Asn Lys Phe Ile Glu Glu
1 5
<210> 17
<211> 6
<212> PRT
<213> Homo sapiens
<400> 17
Val Cys Glu Ala Thr Tyr
1 5
<210> 18
<211> 6
<212> PRT
<213> Homo sapiens
<400> 18
Lys Glu Gly Ile His Val
1 5
<210> 19
<211> 6
<212> PRT
<213> Homo sapiens
<400> 19
Pro Ser Asn Gln Ile Val
1 5
<210> 20
<211> 6
<212> PRT
<213> Homo sapiens
<400> 20
Lys Asp Ser Asn Gly His
1 5
<210> 21
<211> 6
<212> PRT

<213> Homo sapiens

<400> 21

Lys Asp Ser Asn Gly His

1 5

<210> 22

<211> 6

<212> PRT

<213> Homo sapiens

<400> 22

Ser Tyr Glu Asn Met Arg

1 5

<210> 23

<211> 6

<212> PRT

<213> Homo sapiens

<400> 23

Ser Tyr Glu Asn Met Arg

1 5

<210> 24

<211> 6

<212> PRT

<213> Homo sapiens

<400> 24

Thr Leu Asn Lys Phe Thr

1 5

<210> 25

<211> 6

<212> PRT

<213> Homo sapiens

<400> 25

Val Cys Asp Ala Thr Tyr

1 5

<210> 26

<211> 6

<212> PRT

<213> Homo sapiens

<400> 26
Val Cys Asp Ala Thr Tyr
1 5
<210> 27
<211> 6
<212> PRT
<213> Homo sapiens
<400> 27
Pro Pro Asn Gln Ile Val
1 5
<210> 28
<211> 6
<212> PRT
<213> Homo sapiens
<400> 28
Arg Asp Thr Asn Gly His
1 5
<210> 29
<211> 6
<212> PRT
<213> Homo sapiens
<400> 29
Ser Tyr Arg His Met Arg
1 5
<210> 30
<211> 6
<212> PRT
<213> Homo sapiens
<400> 30
Thr Leu Ser Thr Phe Ile
1 5
<210> 31
<211> 6
<212> PRT
<213> Homo sapiens
<400> 31

Thr Leu Ser Thr Phe Ile
1 5
<210> 32
<211> 6
<212> PRT
<213> Homo sapiens
<400> 32
Val Cys Glu Val Thr Tyr
1 5
<210> 33
<211> 6
<212> PRT
<213> Homo sapiens
<400> 33
Val Cys Glu Val Thr Tyr
1 5
<210> 34
<211> 6
<212> PRT
<213> Homo sapiens
<400> 34
Asp Lys Thr Pro Leu Glu
1 5
<210> 35
<211> 6
<212> PRT
<213> Homo sapiens
<400> 35
Lys Ala Lys Phe Tyr Asn
1 5
<210> 36
<211> 6
<212> PRT
<213> Homo sapiens
<400> 36
Pro Pro Gly Lys Val Val

1 5

<210> 37

<211> 6

<212> PRT

<213> Homo sapiens

<400> 37

Tyr Asn Asp Pro Gly Ser

1 5

<210> 38

<211> 6

<212> PRT

<213> Homo sapiens

<400> 38

Tyr Asn Asp Pro Gly Ser

1 5

<210> 39

<211> 6

<212> PRT

<213> Homo sapiens

<400> 39

His Thr His Lys Thr Arg

1 5