SEQUENCE LISTING

<110> Agency for Science, Technology and Research

<120> Prediction of Resistance Against Molecules Targeting Proteins

<130> 9869SG2217/KJR/SEL/nar

<150> SG application no. 201207942-2
<151> 2012-10-25

<160> 40

<170> PatentIn version 3.5

<210> 1
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: petF3conA-Rlink

<400> 1
gtgactcagc ggacatgccc ggacatgccc caggtgcggt tgctggcgcc tat 53

<210> 2
<211> 53
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: petF4conA-Flink

<400> 2
gctgagtcac gggcatgtcc gggcatgtcc gatgcgtccg gcgtagagga tcg 53

<210> 3
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: petF2

<400> 3
catcggtgat gtcggcgat 19

<210> 4
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: petR

<400> 4
cggatatagt tcctcctttc agca 24

<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: Hdm2-Nde1

<400> 5
cacaacatat gtgcaatacc aacatgtctg tacc 34

<210> 6
<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: Hdm2-HA-BamH1

<400> 6
gctctggatc cttaagcgta atctggaaca tcgtatgggt aggggaaata agtta 55

<210> 7
<211> 40
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: INF-Hdm2-cmvF

<400> 7
cgaacctaaa aacaaatgtg caataccaac atgtctgtac 40

<210> 8
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: INF-HA-cmvRcor

<400> 8
ttatagacag gtcaactaag cgtaatctgg aac 33

<210> 9
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-T16A-QC1

<400> 9
gatggtgctg taaccgcctc acagattcca g 31

<210> 10
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-T16A-QC2

<400> 10
ctggaatctg tgaggcggtt acagcaccat c 31

<210> 11

<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-P20L-QC1

<400> 11
ccacctcaca gattctagct tcggaacaag a 31

<210> 12
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-P20L-QC2

<400> 12
tcttgttccg aagctagaat ctgtgaggtg g 31

<210> 13
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-Q24R-QC1

<400> 13
ttccagcttc ggaacgagag accctggtta g 31

<210> 14
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-Q24R-QC2

<400> 14
ctaaccaggg tctctcgttc cgaagctgga a 31

<210> 15
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDMM62A-1

<400> 15
cttggccagt atattgcgac taaacgatta tatg 34

<210> 16
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDMM62A-2

<400> 16

catataatcg tttagtcgca atatactggc caag 34

<210> 17
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-M62V-QC1

<400> 17
cttggccagt atattgtgac taaacgatta t 31

<210> 18
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-M62V-QC2

<400> 18
ataatcgttt agtcacaata tactggccaa g 31

<210> 19
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-V280A-QC1

<400> 19
tatatcaagt tactgcgtat caggcagggg a 31

<210> 20
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-V280A-QC2

<400> 20
tcccctgcct gatacgcagt aacttgatat a 31

<210> 21
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-G443D-QC1

<400> 21
gtgtgatttg tcaagatcga cctaaaaatg g 31

<210> 22
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: mdm2-G443D-QC2

<400> 22
ccatttttag gtcgatcttg acaaatcaca c 31

<210> 23
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: 2CONART-F

<400> 23
ggcatgtccg ctgagtc 17

<210> 24
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: WpetR1

<400> 24
taatttcgcg ggatcgagat ct 22

<210> 25
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-P20L-QC1

<400> 25
ccacctcaca gattctagct tcggaacaag a 31

<210> 26
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-P20L-QC2

<400> 26
tcttgttccg aagctagaat ctgtgaggtg g 31

<210> 27
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-Q24R-QC1

<400> 27
ttccagcttc ggaacgagag accctggtta g 31

<210> 28

<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-Q24R-QC2

<400> 28
ctaaccaggg tctctcgttc cgaagctgga a 31

<210> 29
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-M62A-1

<400> 29
cttggccagt atattgcgac taaacgatta tatg 34

<210> 30
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: HDM2-M62A-2

<400> 30
catataatcg tttagtcgca atatactggc caag 34

<210> 31
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_p21_Forward

<400> 31
gaggccggga tgagttggga ggag 24

<210> 32
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_p21_Reverse

<400> 32
cagccggcgt ttggagtggt agaa 24

<210> 33
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_p53_forward

<400> 33

ccccтcctgg cccctgtcat cttc 24

<210> 34
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_p53_Reverse

<400> 34
gcagcgcctc acaacctccg tcat 24

<210> 35
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_b-actin_forward

<400> 35
tcacccacac tgtgcccatc tacga 25

<210> 36
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_b-actin_reverse

<400> 36
cagcggaacc gctcattgcc aatgg 25

<210> 37
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_Gadd45alpha_forward

<400> 37
gagagcagaa gaccgaaagg a 21

<210> 38
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_Gadd45alpha_reverse

<400> 38
cagtgatcgt gcgctgact 19

<210> 39
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h_14-3-3sigma_forward

<400> 39
actacgagat cgccaacagc 20

<210> 40
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer: h-14-3-3sigma_reverse

<400> 40
cagtgtcagg ttgtctcgca 20