

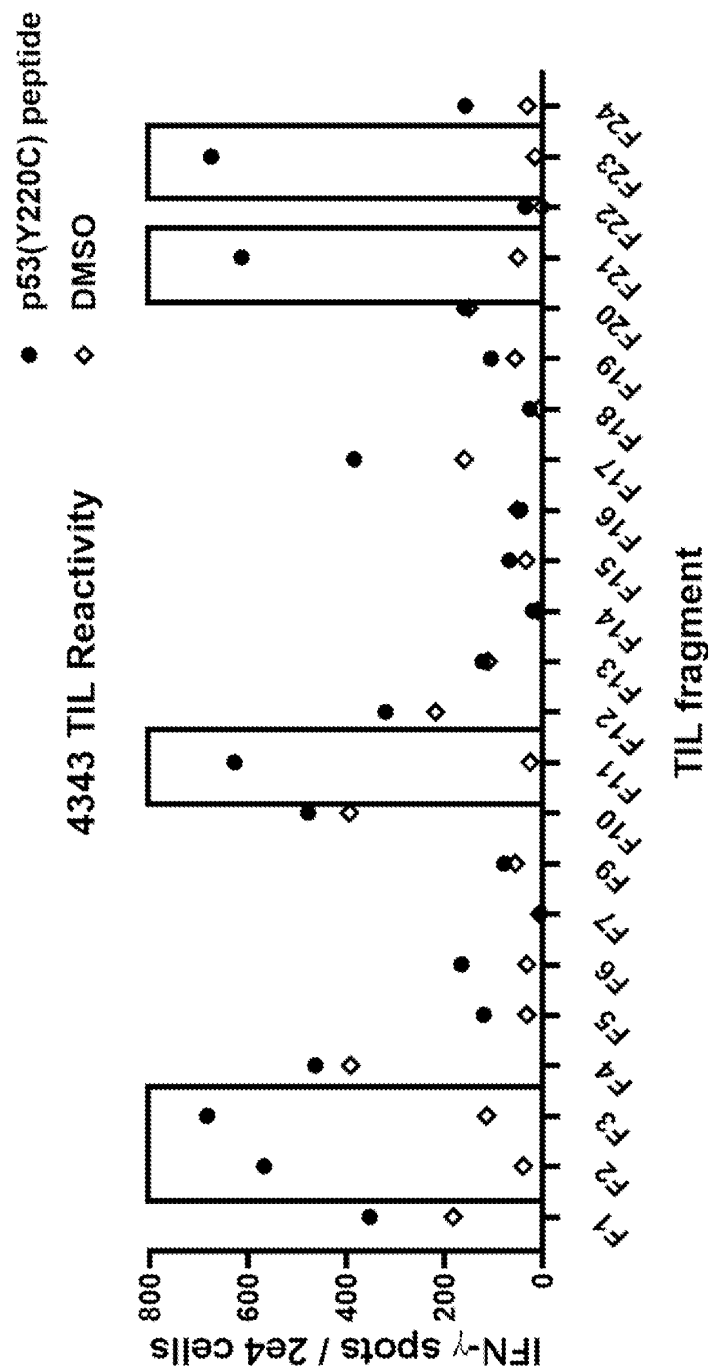


Fig. 1A

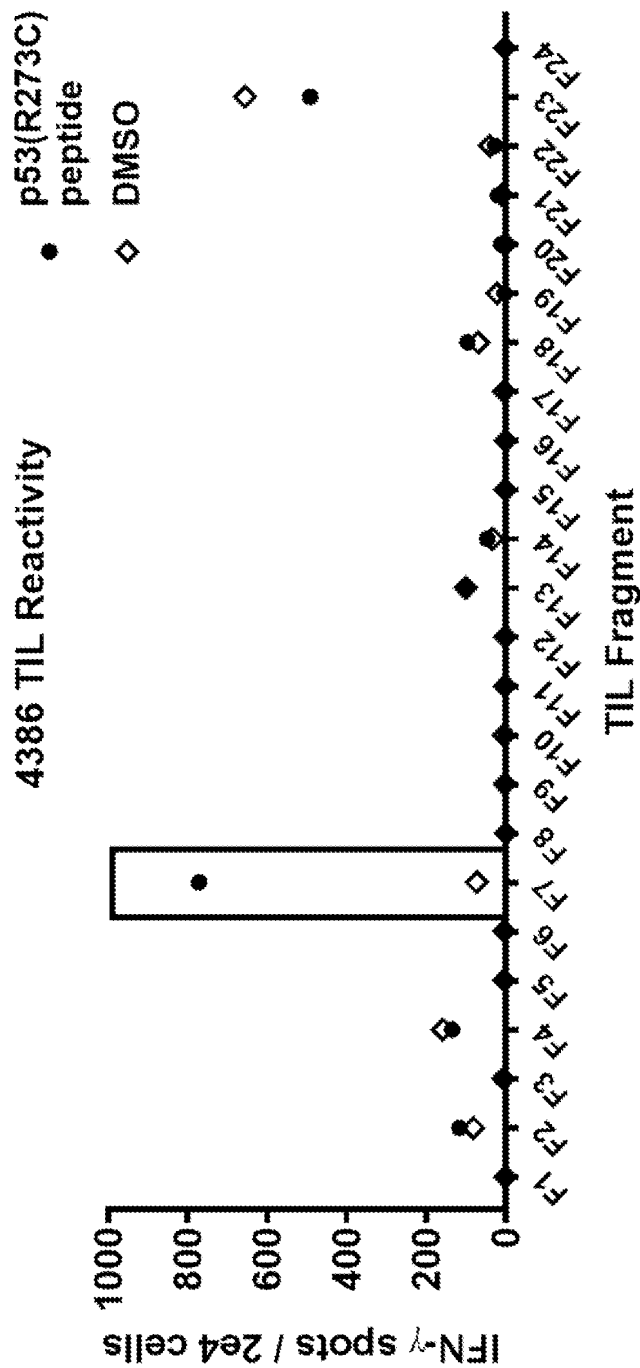


Fig. 1B

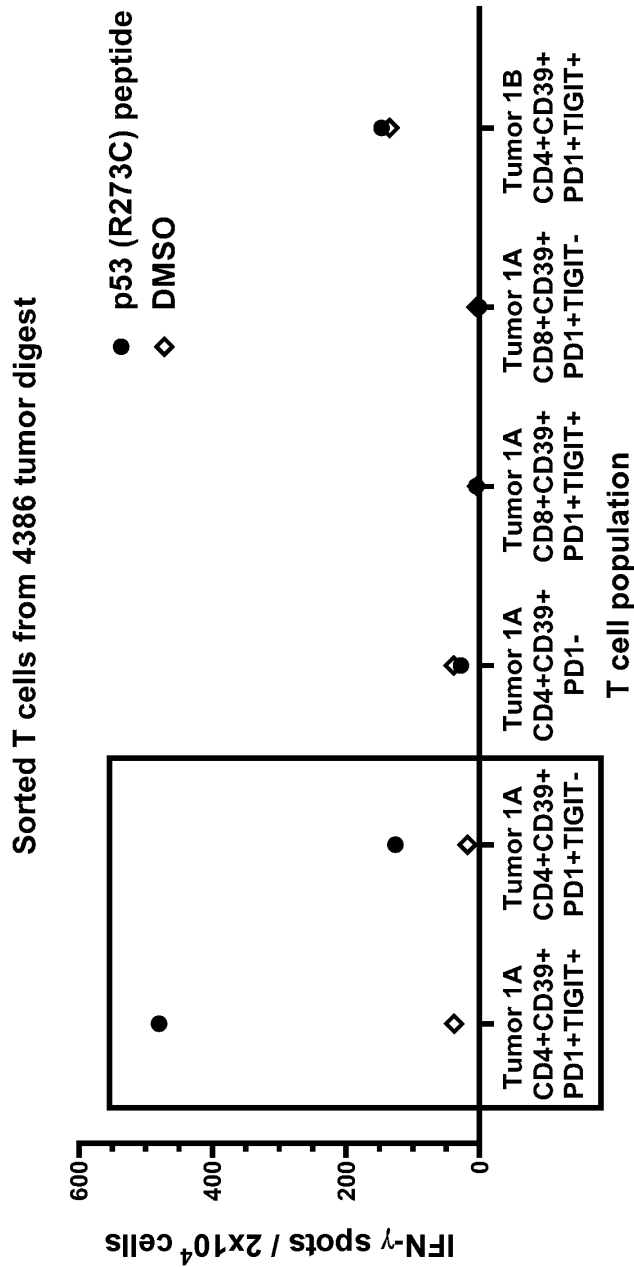


Fig. 1C

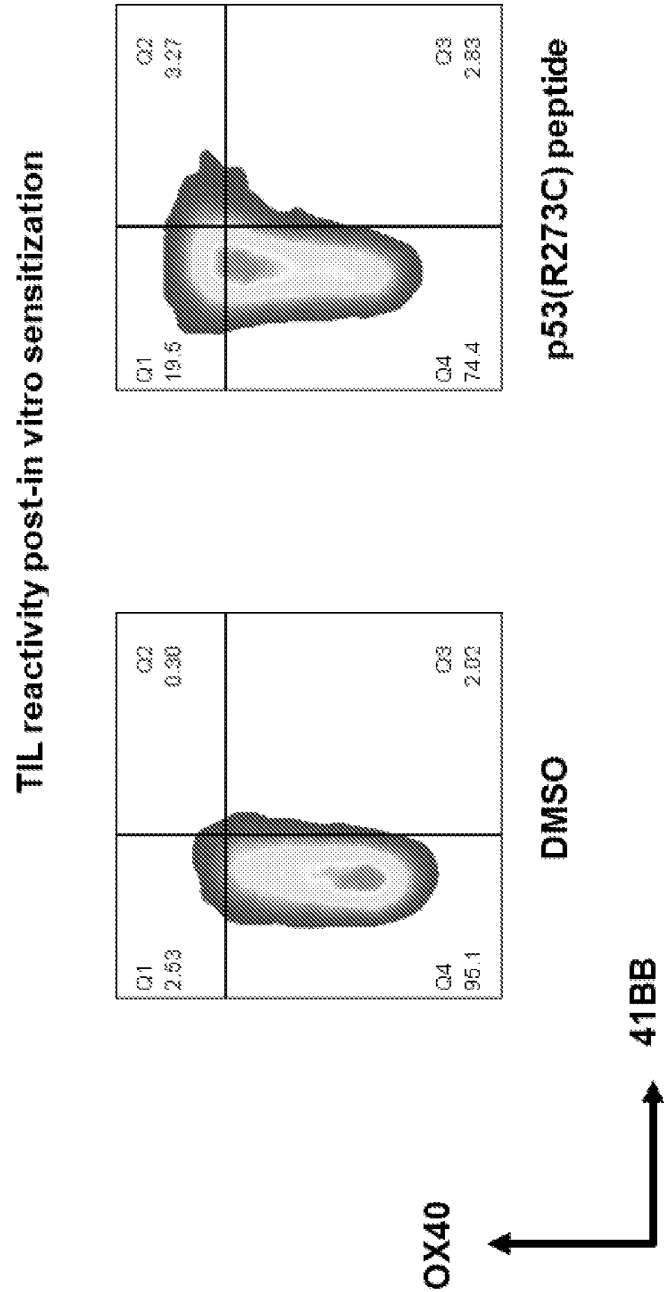


Fig. 1D

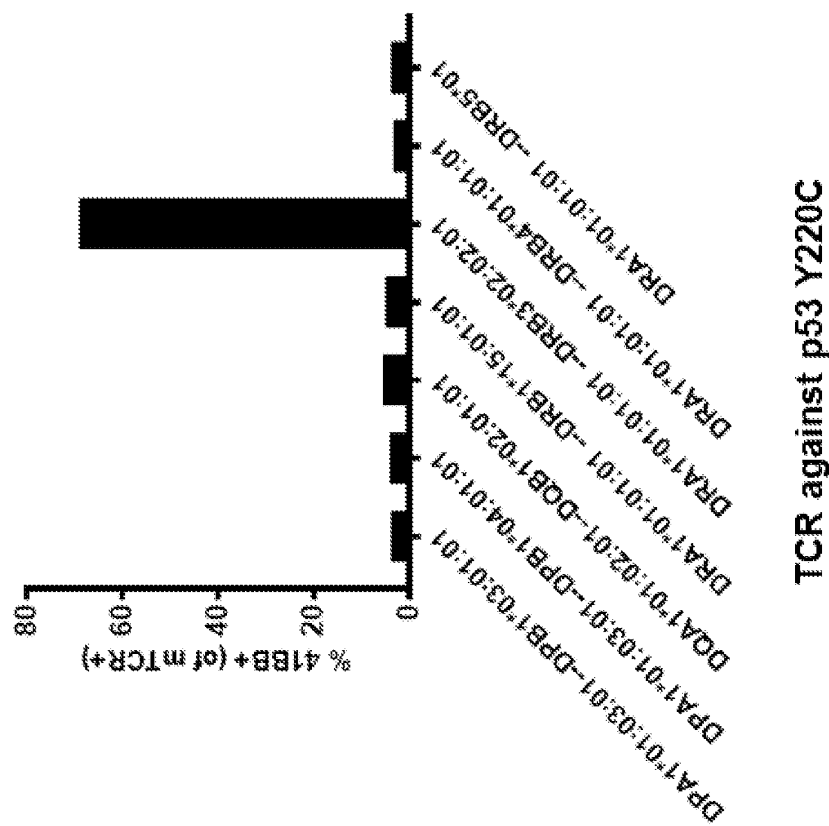
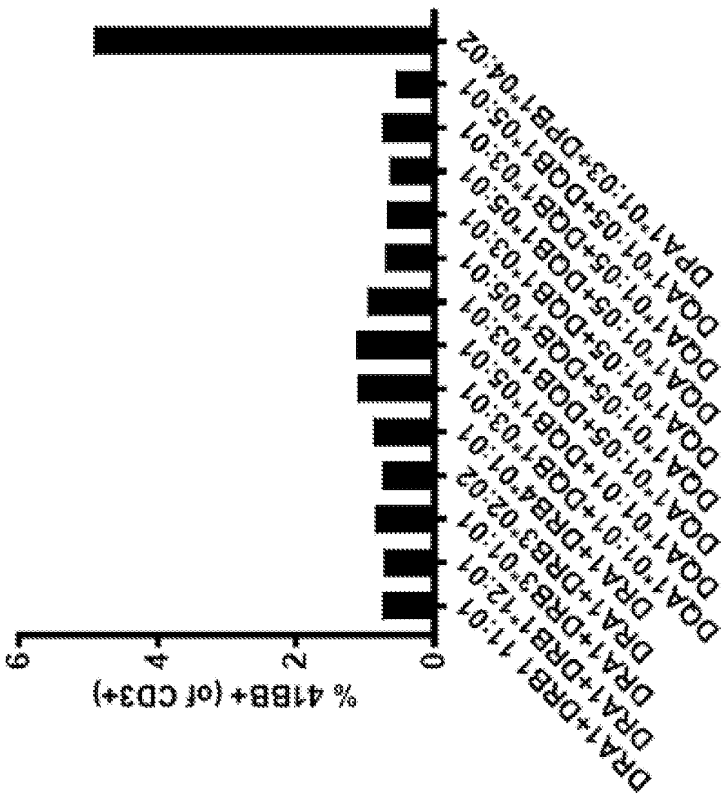
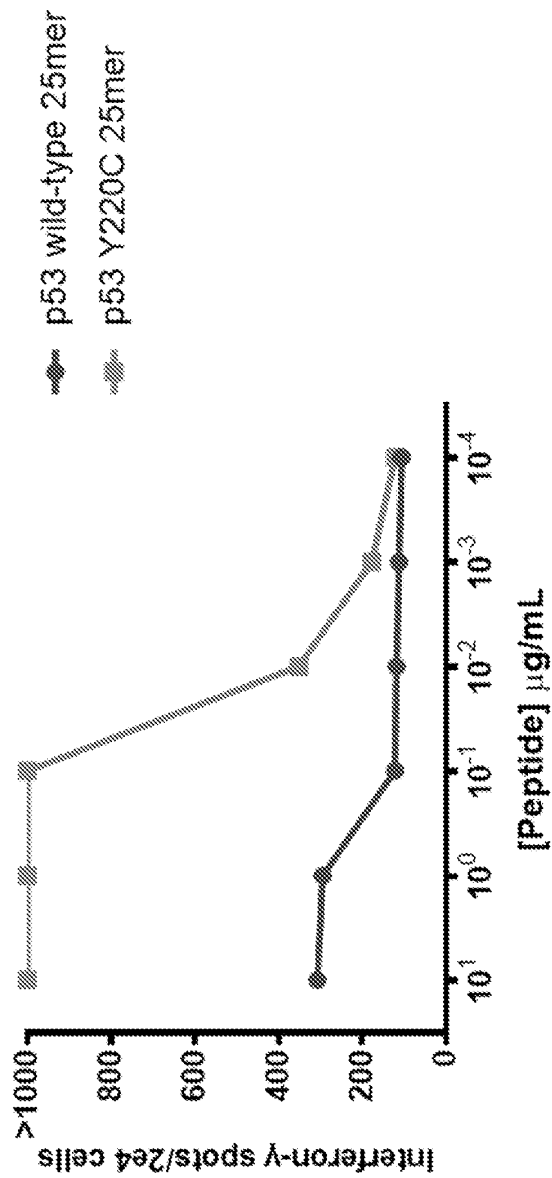


Fig. 2A



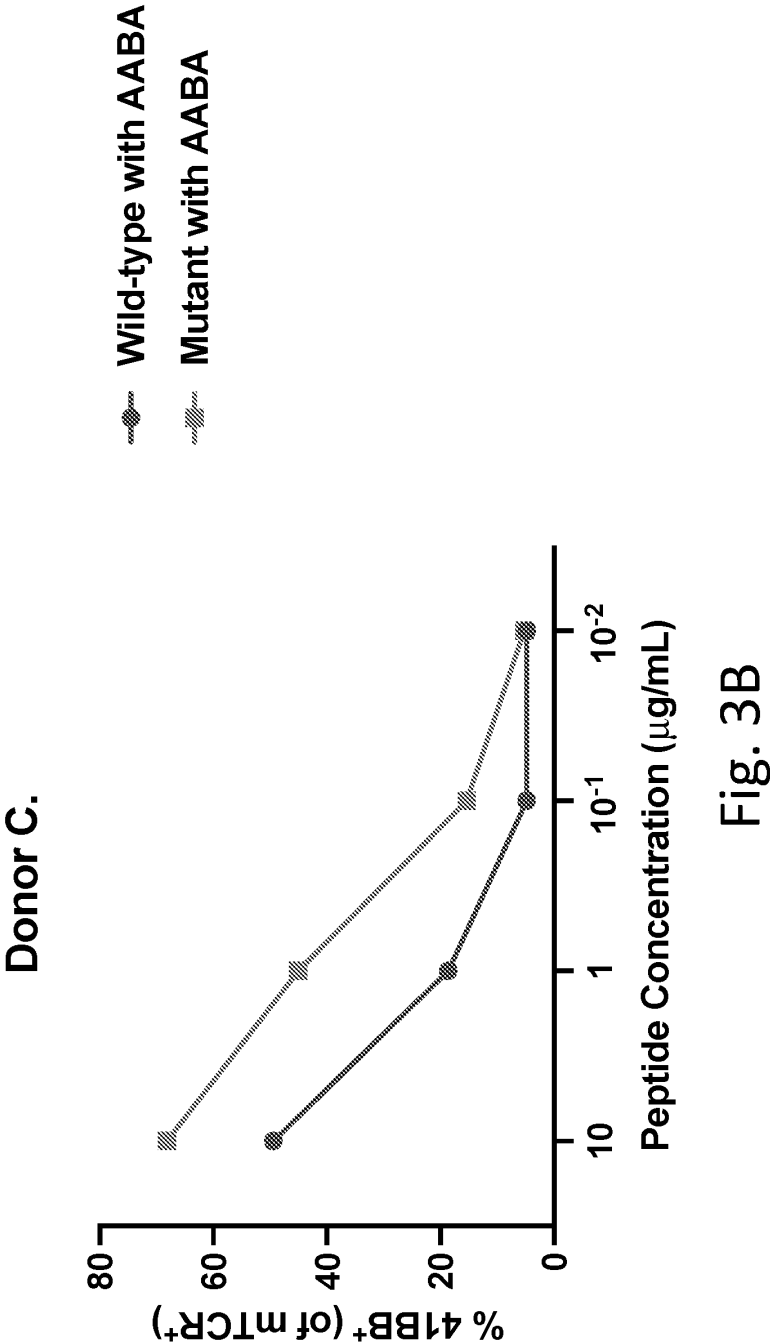
Tumor infiltrating lymphocytes
against p53 R273C

Fig. 2B



TCR against p53 Y220C

Fig. 3A



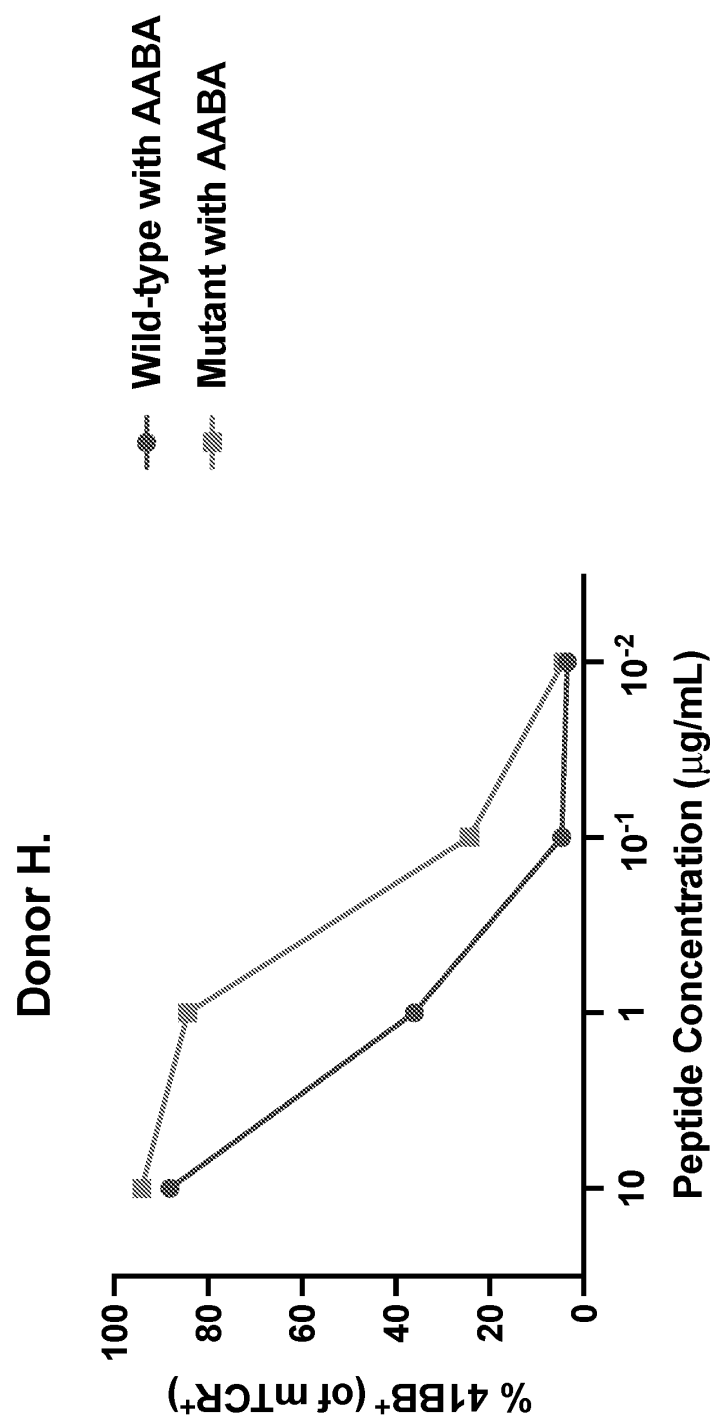
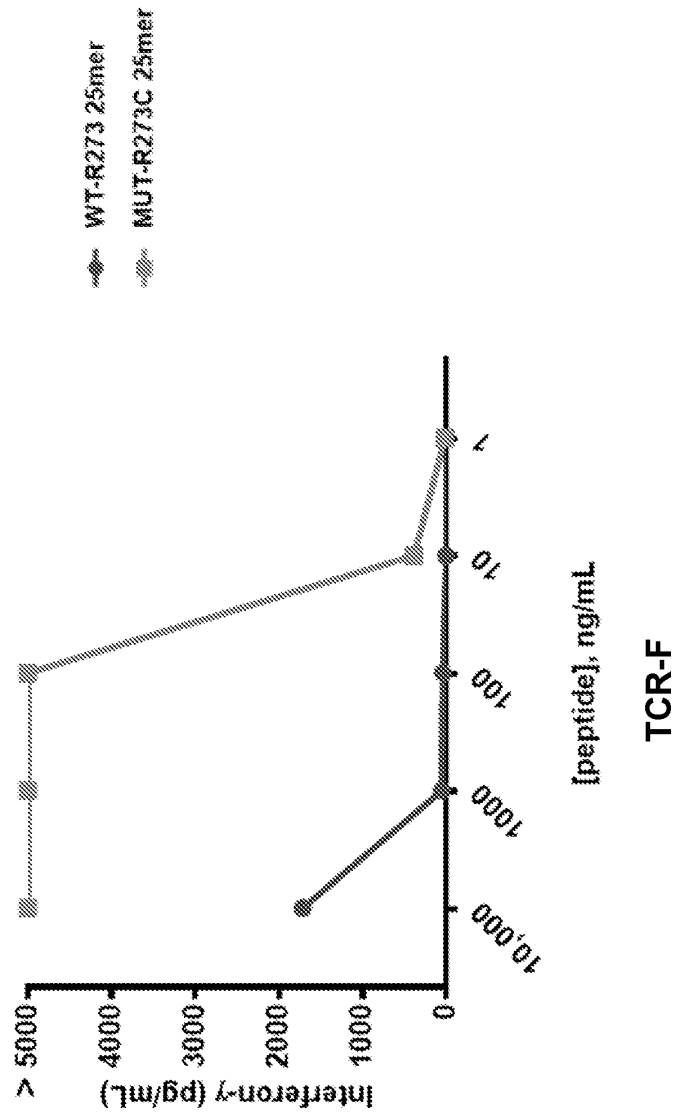


Fig. 3C



TCRs against p53 R273C

Fig. 3D

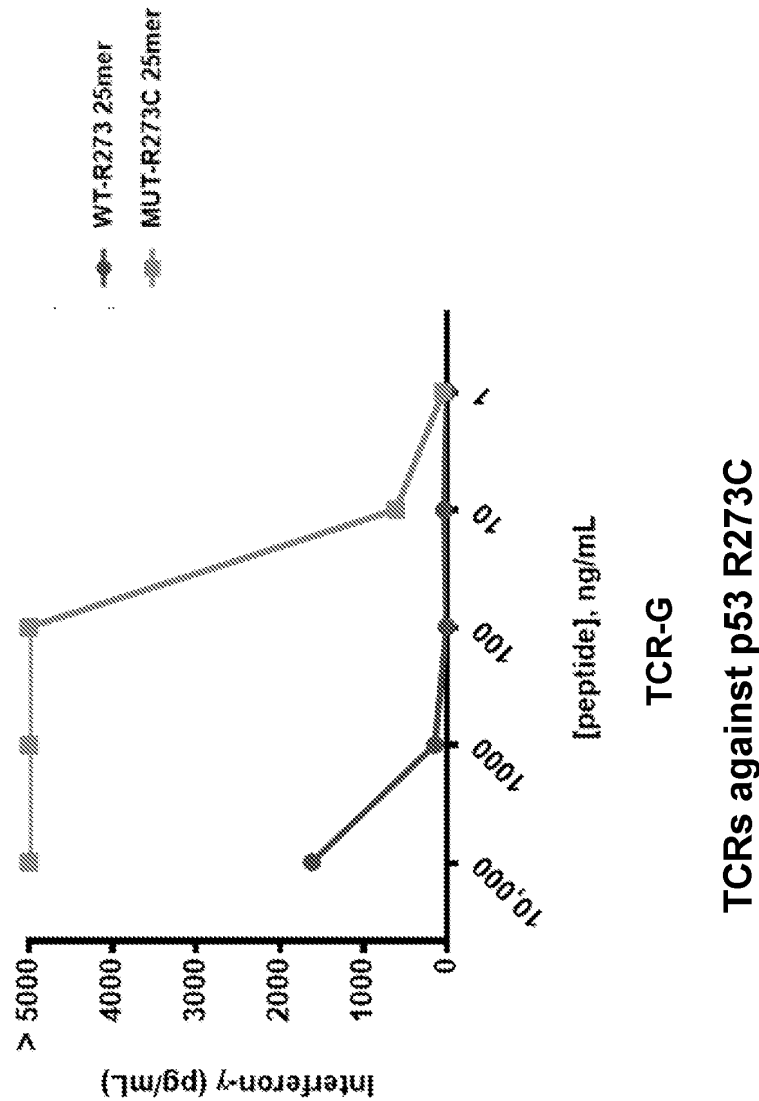
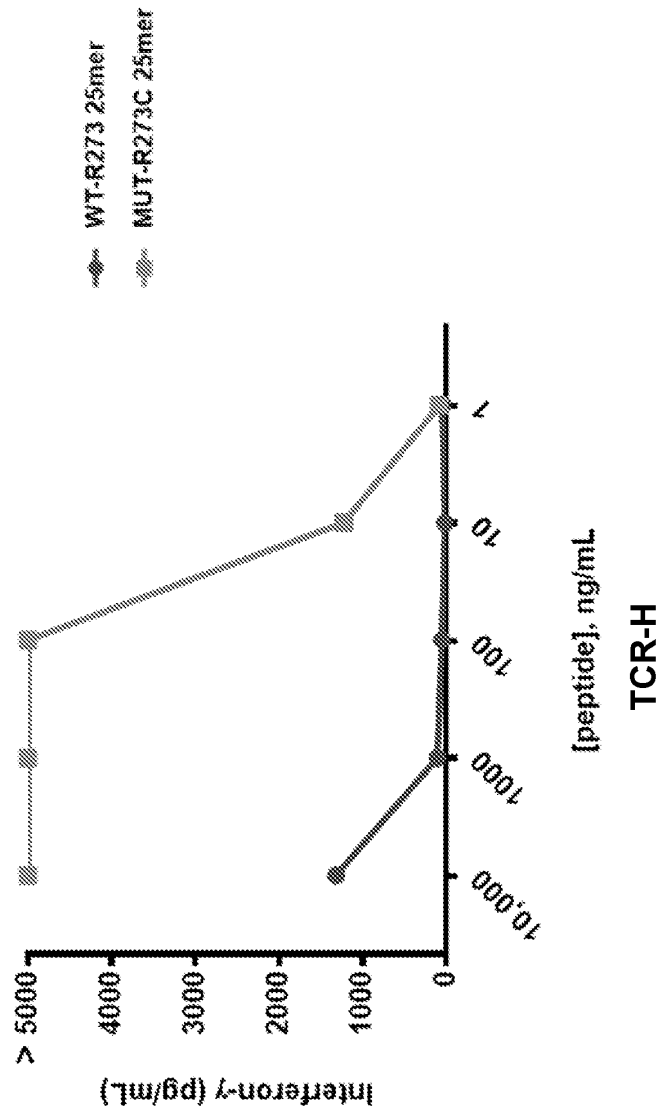
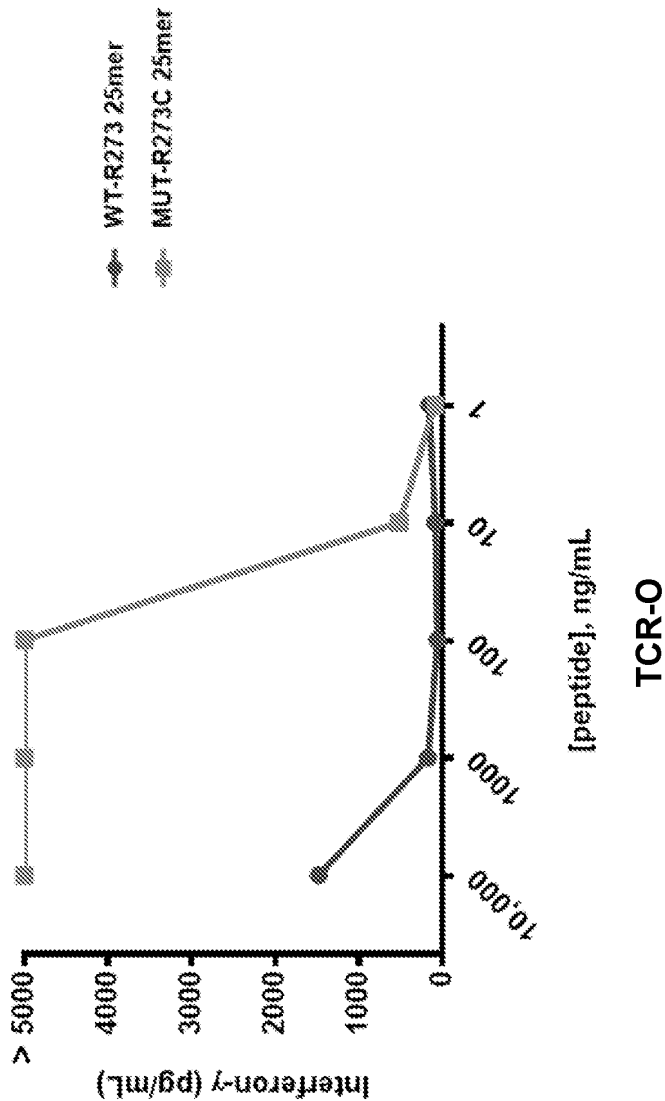


Fig. 3E



TCRs against p53 R273C

Fig. 3F



TCRs against p53 R273C

Fig. 3G

CLUSTAL O(1.2.4) multiple sequence alignment 41/41

```
SP|P04637|P53_HUMAN  MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPLPSQAMDDLMLSPDDIEQWFTEDPGP 60
SP|P04637-2|P53_HUMAN  MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPLPSQAMDDLMLSPDDIEQWFTEDPGP 60
SP|P04637-3|P53_HUMAN  MEEPQSDPSVEPPLSQETFSDLWKLLPENNVLSPLPSQAMDDLMLSPDDIEQWFTEDPGP 60
SP|P04637-4|P53_HUMAN  -----MDLMLSPDDIEQWFTEDPGP 21
SP|P04637-5|P53_HUMAN  -----MDLMLSPDDIEQWFTEDPGP 21
SP|P04637-6|P53_HUMAN  -----MDLMLSPDDIEQWFTEDPGP 21
SP|P04637-7|P53_HUMAN  -----
SP|P04637-8|P53_HUMAN  -----
SP|P04637-9|P53_HUMAN  -----

SP|P04637|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 120
SP|P04637-2|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 120
SP|P04637-3|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 120
SP|P04637-4|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 81
SP|P04637-5|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 81
SP|P04637-6|P53_HUMAN  DEAPRMPEAAPPVAPAPAAPTPAAPAPAPSWPLSSSVPSQKTYQGSYGFRLGFLHSGTAK 81
SP|P04637-7|P53_HUMAN  -----
SP|P04637-8|P53_HUMAN  -----
SP|P04637-9|P53_HUMAN  -----

SP|P04637|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 180
SP|P04637-2|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 180
SP|P04637-3|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 180
SP|P04637-4|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 141
SP|P04637-5|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 141
SP|P04637-6|P53_HUMAN  SVTCTYSPALNKMFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 141
SP|P04637-7|P53_HUMAN  -----MFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 48
SP|P04637-8|P53_HUMAN  -----MFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 48
SP|P04637-9|P53_HUMAN  -----MFCQLAKTCPVQLWVDSTPPPGTRVRAMAIYKQSQHMTVVRRCPHHE 48
*****

SP|P04637|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 240
SP|P04637-2|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 240
SP|P04637-3|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 240
SP|P04637-4|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 201
SP|P04637-5|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 201
SP|P04637-6|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 201
SP|P04637-7|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 108
SP|P04637-8|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 108
SP|P04637-9|P53_HUMAN  RCSDSGLAPPQHLIRVEGNLRVEYLDNRNTRFHSVVPYEPPEVGSDCCTTHYNYMNCNS 108
*****

SP|P04637|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 300
SP|P04637-2|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 300
SP|P04637-3|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 300
SP|P04637-4|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 261
SP|P04637-5|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 261
SP|P04637-6|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 261
SP|P04637-7|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 168
SP|P04637-8|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 168
SP|P04637-9|P53_HUMAN  SCMGGMNRRPILTIITLEDSSGNLLGRNSFEVRVCACPGDRRTEENLRKKGEPHHELP 168
*****

SP|P04637|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQIRGRERFEMFRELNEALELKDAQAGKEPG 360
SP|P04637-2|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQDQTSFQKENC----- 341
SP|P04637-3|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQMLDLRWCYFLINSS----- 346
SP|P04637-4|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQIRGRERFEMFRELNEALELKDAQAGKEPG 321
SP|P04637-5|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQDQTSFQKENC----- 302
SP|P04637-6|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQMLDLRWCYFLINSS----- 307
SP|P04637-7|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQIRGRERFEMFRELNEALELKDAQAGKEPG 228
SP|P04637-8|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQDQTSFQKENC----- 209
SP|P04637-9|P53_HUMAN  PGSTKRALPNNTSSSPQPKKKPLDGEYFTLQMLDLRWCYFLINSS----- 214
*****

SP|P04637|P53_HUMAN  GSAHSSHLKSKKGQSTSRHKLMFKTEGPDSD 393
SP|P04637-2|P53_HUMAN  -----
SP|P04637-3|P53_HUMAN  -----
SP|P04637-4|P53_HUMAN  GSAHSSHLKSKKGQSTSRHKLMFKTEGPDSD 354
SP|P04637-5|P53_HUMAN  -----
SP|P04637-6|P53_HUMAN  -----
SP|P04637-7|P53_HUMAN  GSAHSSHLKSKKGQSTSRHKLMFKTEGPDSD 261
SP|P04637-8|P53_HUMAN  -----
SP|P04637-9|P53_HUMAN  -----
```

FIG. 4