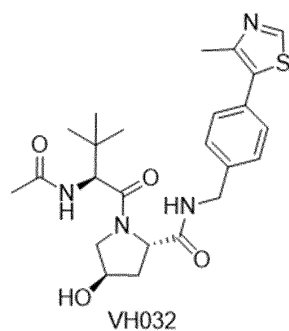
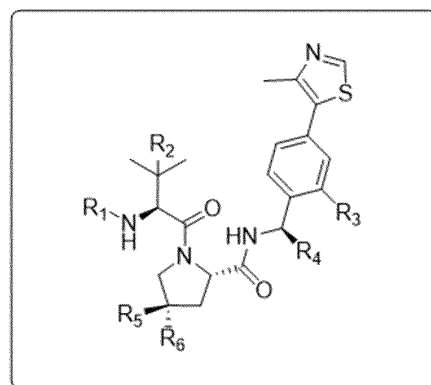


Figure 1

A



B



C

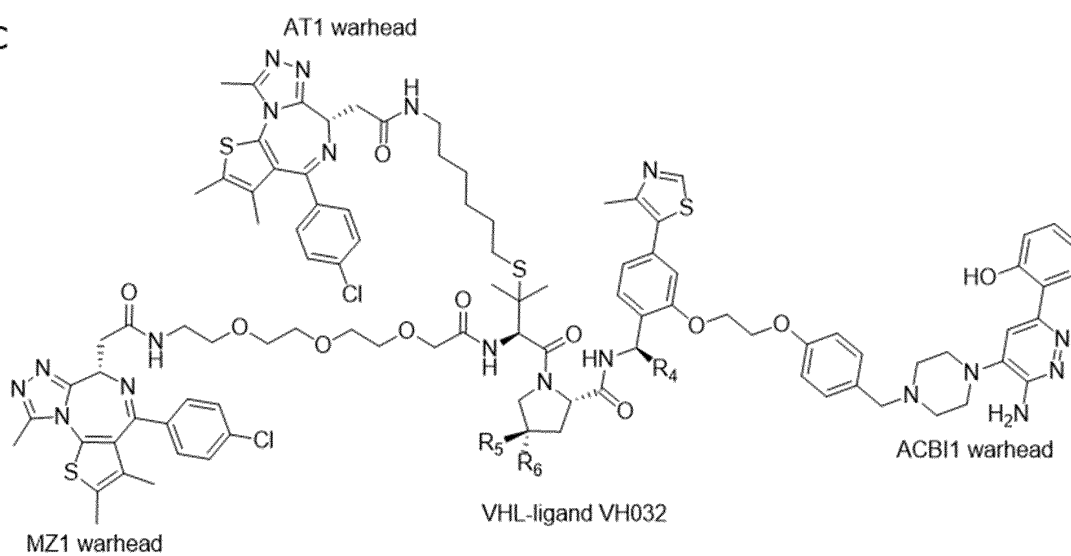


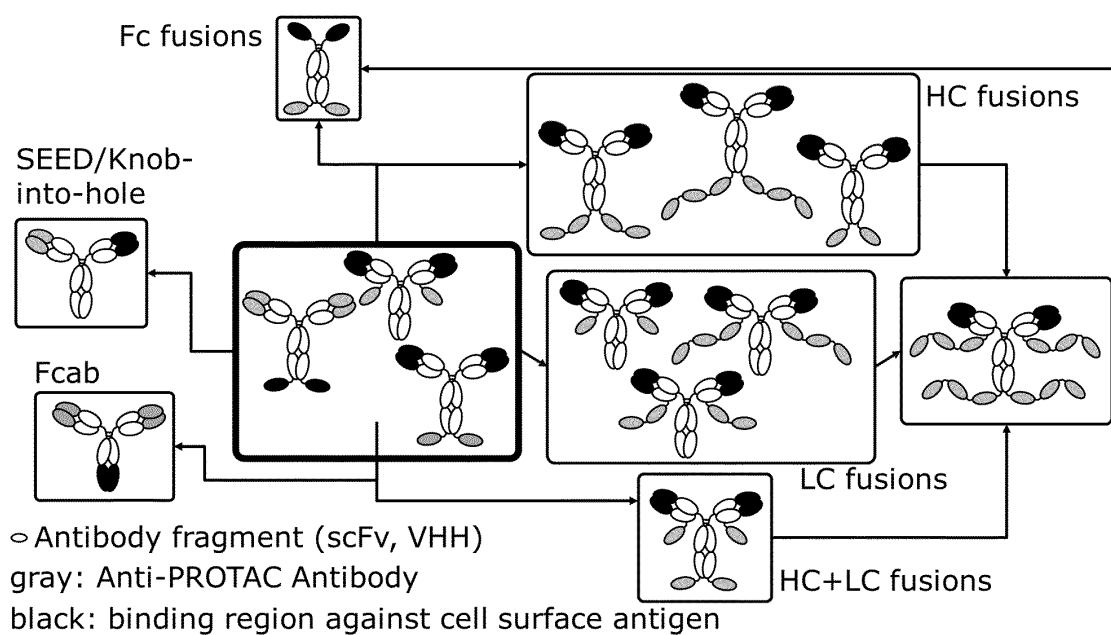
Figure 2(a)

Light chain (SEQ ID NO: 13)	DIVMTQTPPTLSASIGQSVSISCRSG <u>QSLSYSDGNTY</u> LNWFLQRPG QPPQPLIY <u>LVS</u> RLESGVPNRFSGSGSGTDFTLKISGVEAKDLGIYY <u>CVQSIHVPYTF</u> GAGTKLEIKRTVAAPSVFIFPPSDEQLKSGTASVV CLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSS TLTLKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
Heavy chain (SEQ ID NO: 14)	EVQLKESGPGLVKPSQSLFLTCSVT <u>GYSITGDY</u> WAWIRKFPGNKM EWIGH <u>ITYSGG</u> TRFNPSLKSRIKRDTSKNQFFLQLNSVTTEDTAT YYCA <u>KYGDGGRD</u> WGQGLMVTVSSASTKGPSVFPLAPSSKSTSG GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSL SSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCP PCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEV KFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ VSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLY SKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPG
Heavy chain anti-EGFR VHH fusion (SEQ ID NO: 15)	EVQLKESGPGLVKPSQSLFLTCSVT <u>GYSITGDY</u> WAWIRKFPGNKM EWIGH <u>ITYSGG</u> TRFNPSLKSRIKRDTSKNQFFLQLNSVTTEDTAT YYCA <u>KYGDGGRD</u> WGQGLMVTVSSASTKGPSVFPLAPSSKSTSG GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSL SSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCP PCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEV KFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ VSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLY SKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGGSGG <u>GSGGSGGGSGDVQLQESGGGLVQAGGSLRLSCAASGFIFSSYA</u> <u>MGWYRQTPGKLRELVARISSGGSTWYAESVKGRFTISRDNKNTV</u> <u>FLQMSSVKPEDTSAYYCNKVPYERSDYWGQGTQVTVSSA</u>

Figure 2(b)

Heavy chain anti- HER2 scFv fusion (SEQ ID NO 16):	EVQLKESGPGLVKPSQSLFLTCSVT <u>GYSITGDY</u> WAWIRKFPGNKM EWIGHI <u>YSGG</u> TRFNPSLKSRISIKRDTSKNQFFLQLNSVTTEDTAT YYCA <u>KYGDGGRD</u> WGQGLMTVSSASTKGPSVFPLAPSSKSTSG GTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSL SSVVTVPSSSLGTQTYICNVNHKPSNTKVDKKVEPKSCDKTHTCP PCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEV KFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGK EYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQ VSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLY SKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGSGGGG <u>SGGGGSGGGGSEVQLVESGGGLVQPGGSLRLSCAASG</u> FNIDTYI <u>HWVRQAPGKGLEWVARIYPTNGYTRYADSVKGRFTISADTSKNTA</u> <u>YLQMNSLR</u> AEDTAVYYCSRWGGDGFYAMDYWGQGLVTVSSGG <u>GGSGGGGSGGGGSDIQMTQSPSSLSASVGDRVTITCRASQDVNT</u> <u>AVAWYQQKPGKAPKLLIYSASFLYSGVPSRFSGSRSGTDFTLTISL</u> <u>QPEDFATYYCQQHYTTPPTFGQGTKVEIK</u>
--	---

Figure 3



5 Figure 4

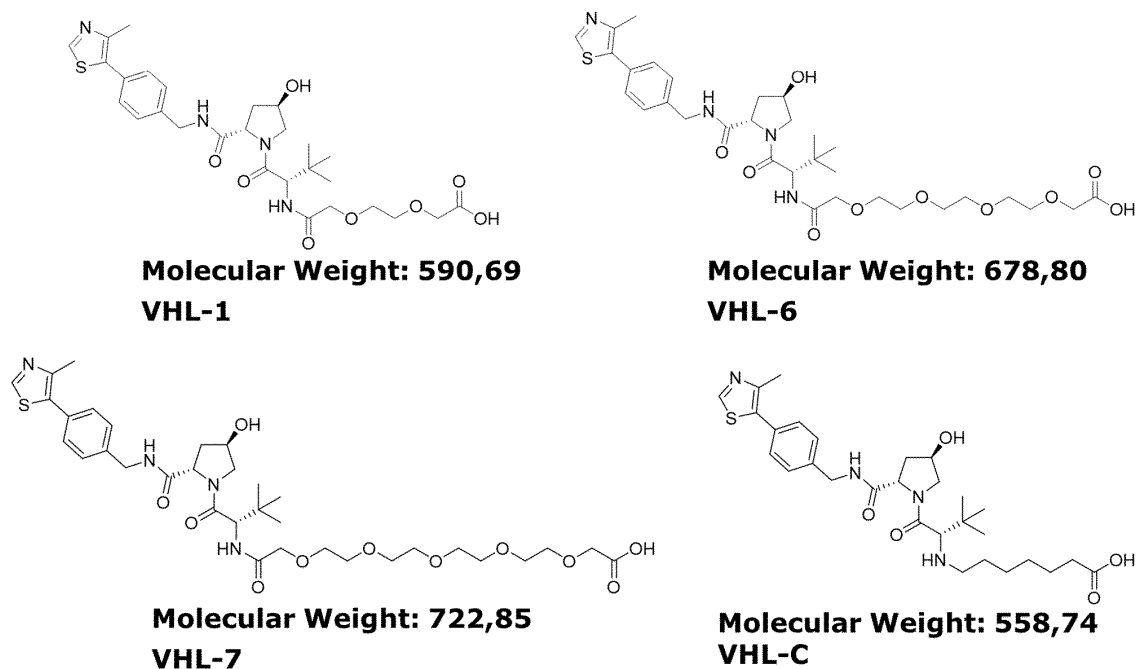


Figure 5

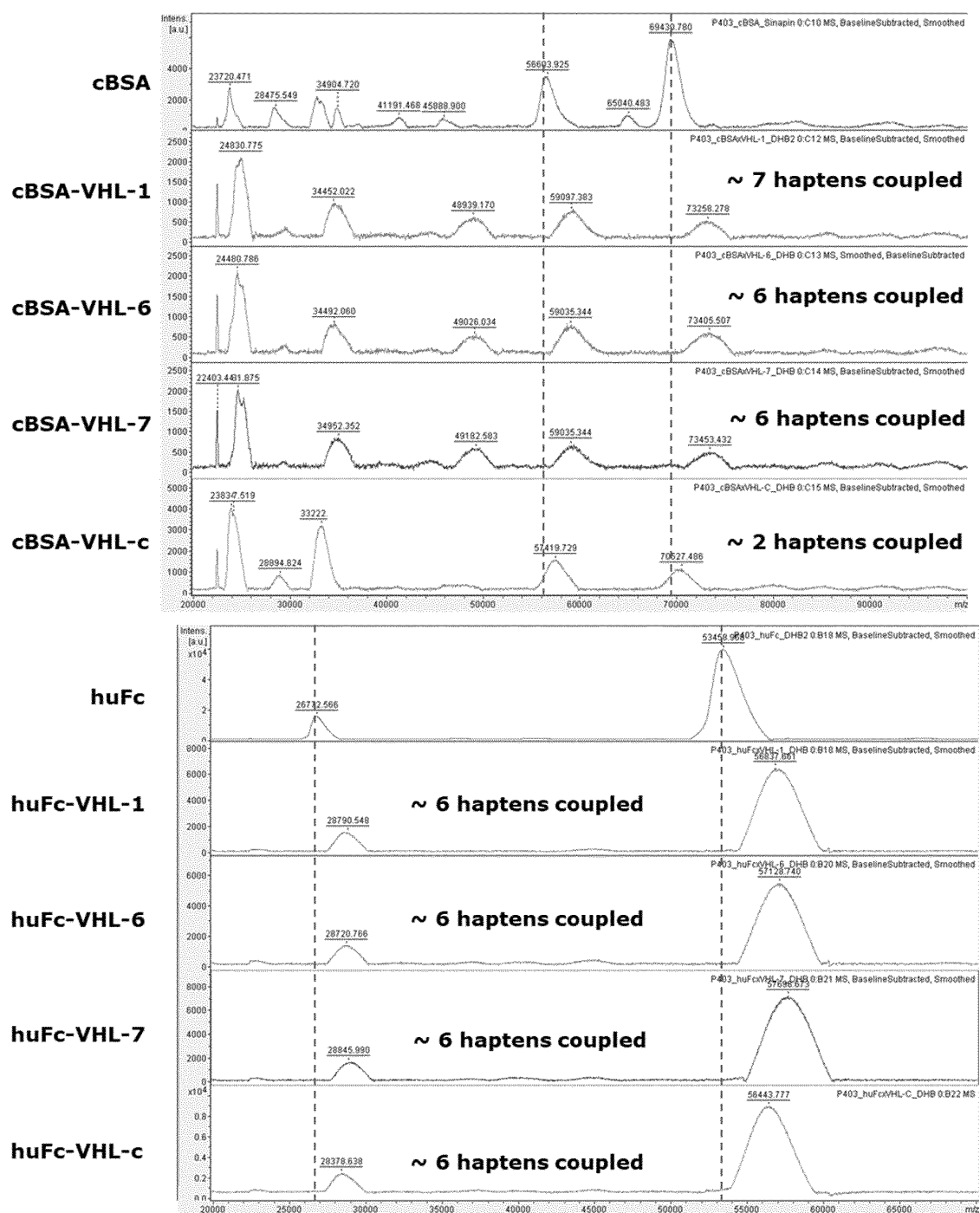


Figure 6

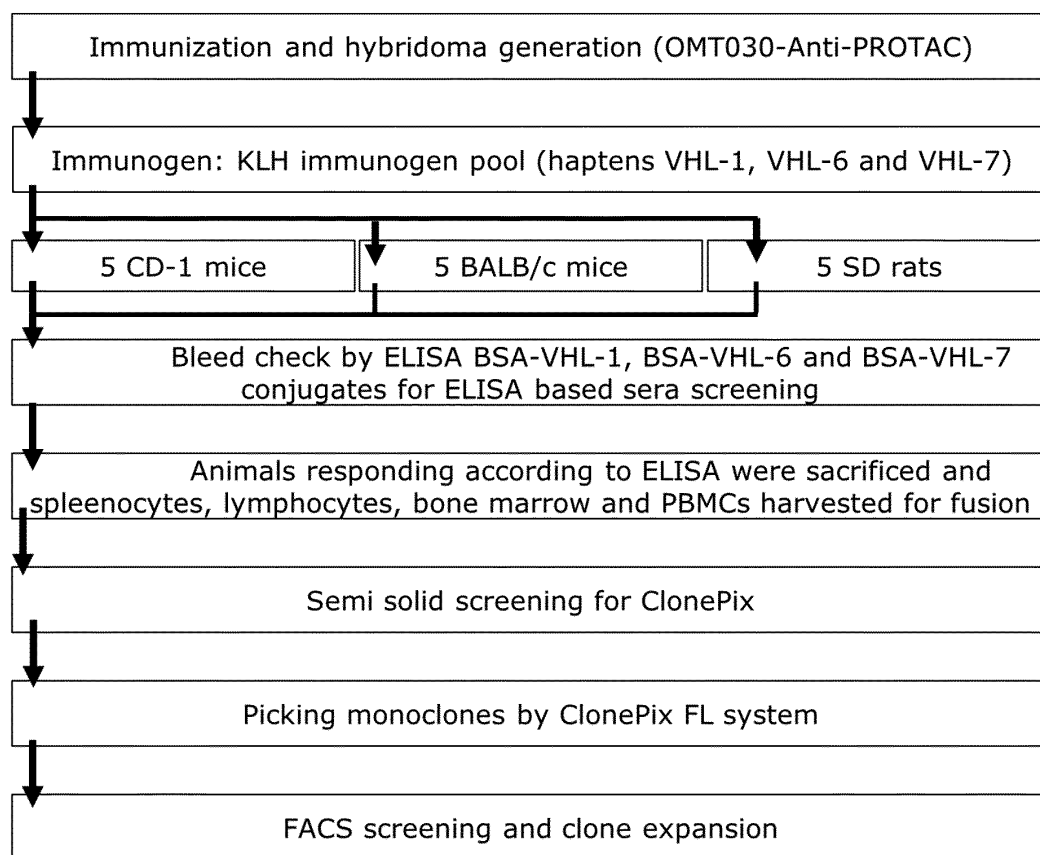


Figure 7

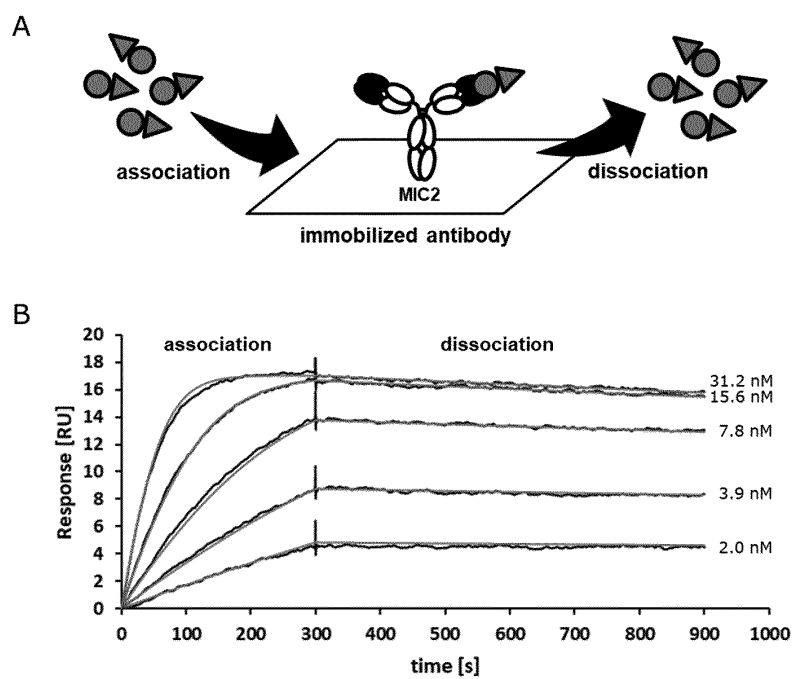


Figure 8(a)

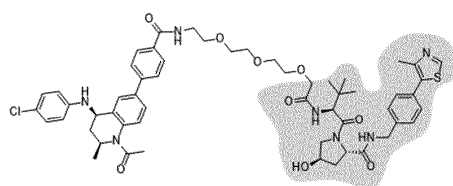
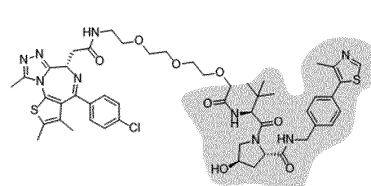
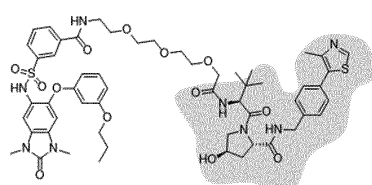
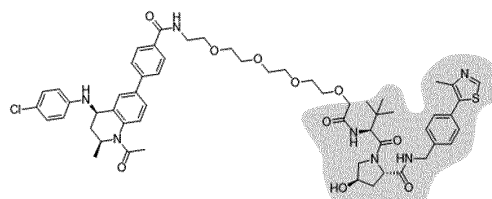
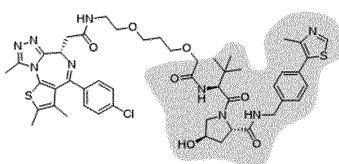
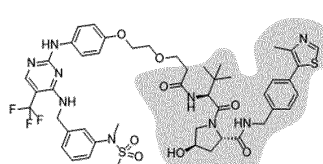
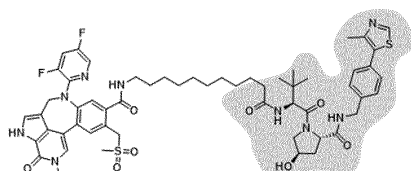
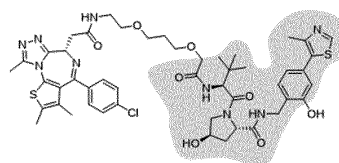
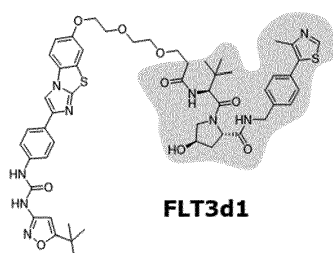
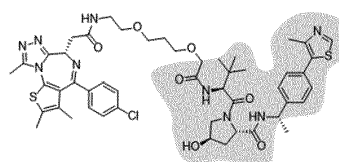
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Figure 8(b)

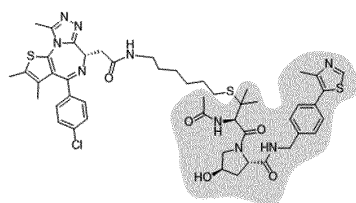
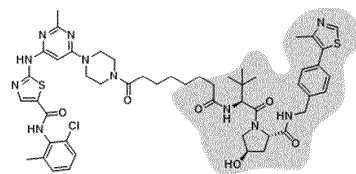
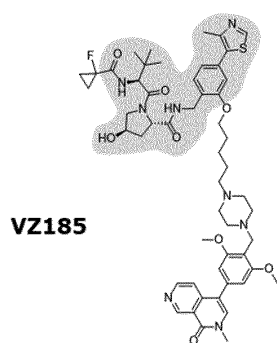
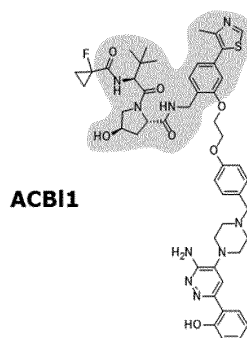
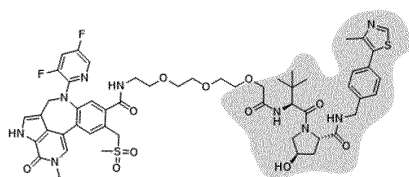
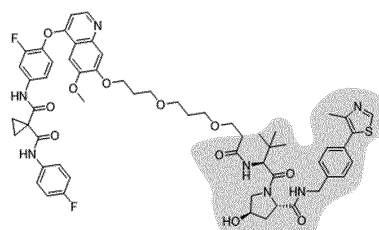
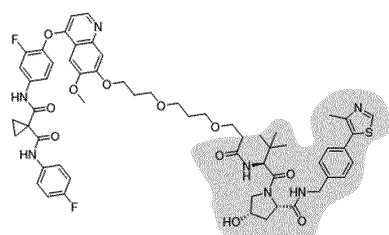
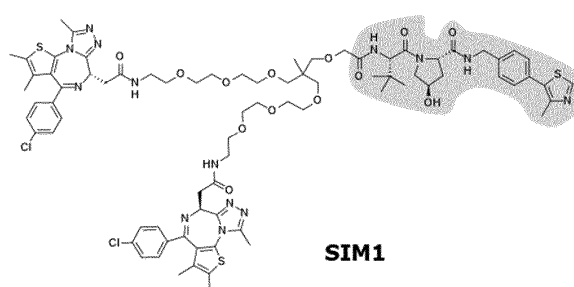
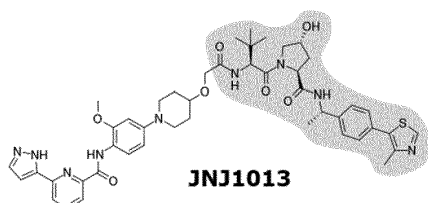
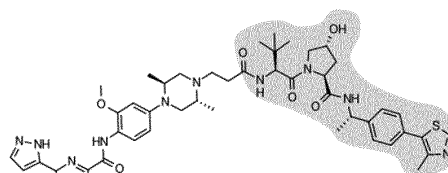
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Figure 9

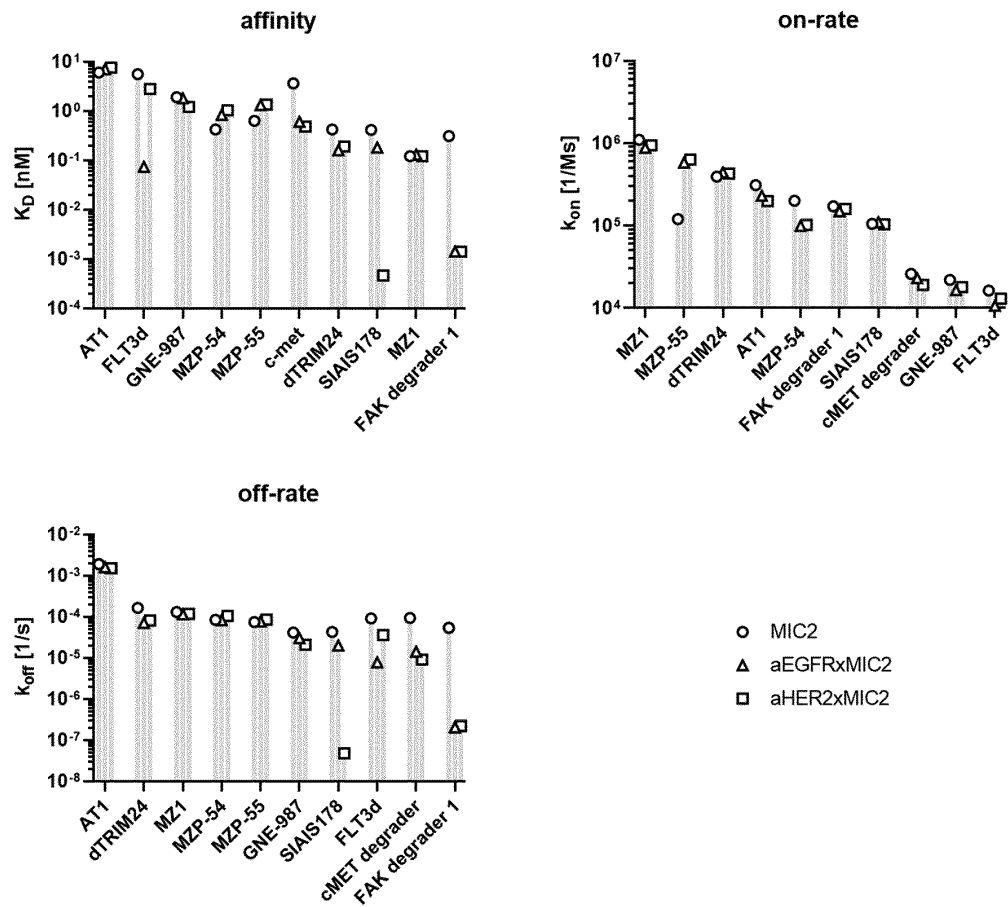
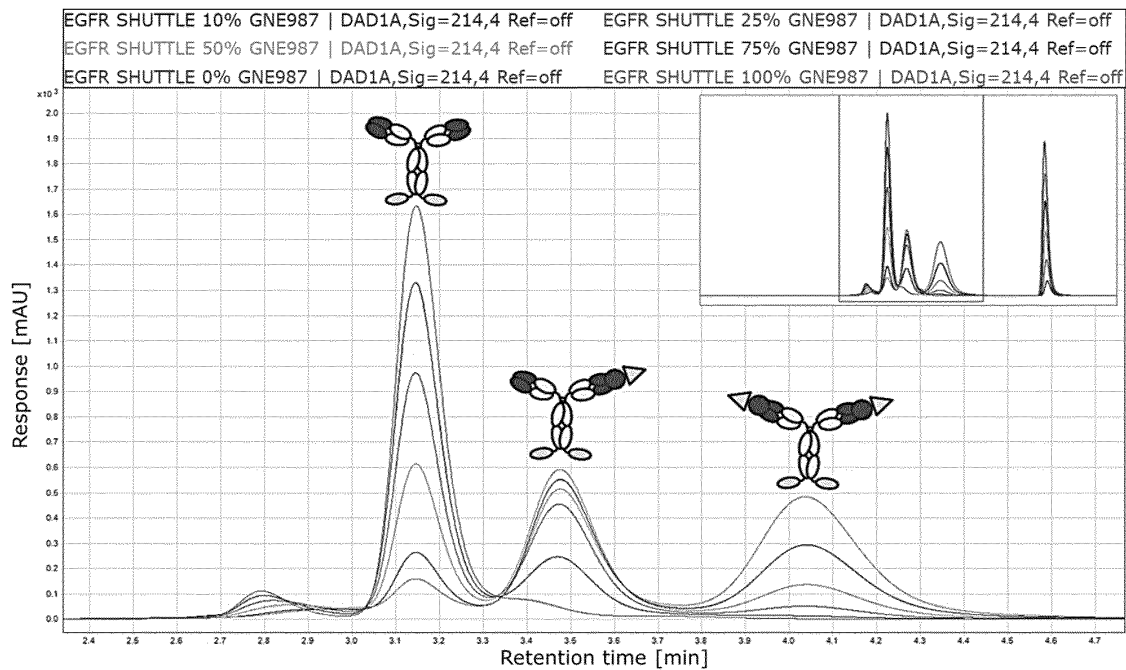


Figure 10



5 Figure 11

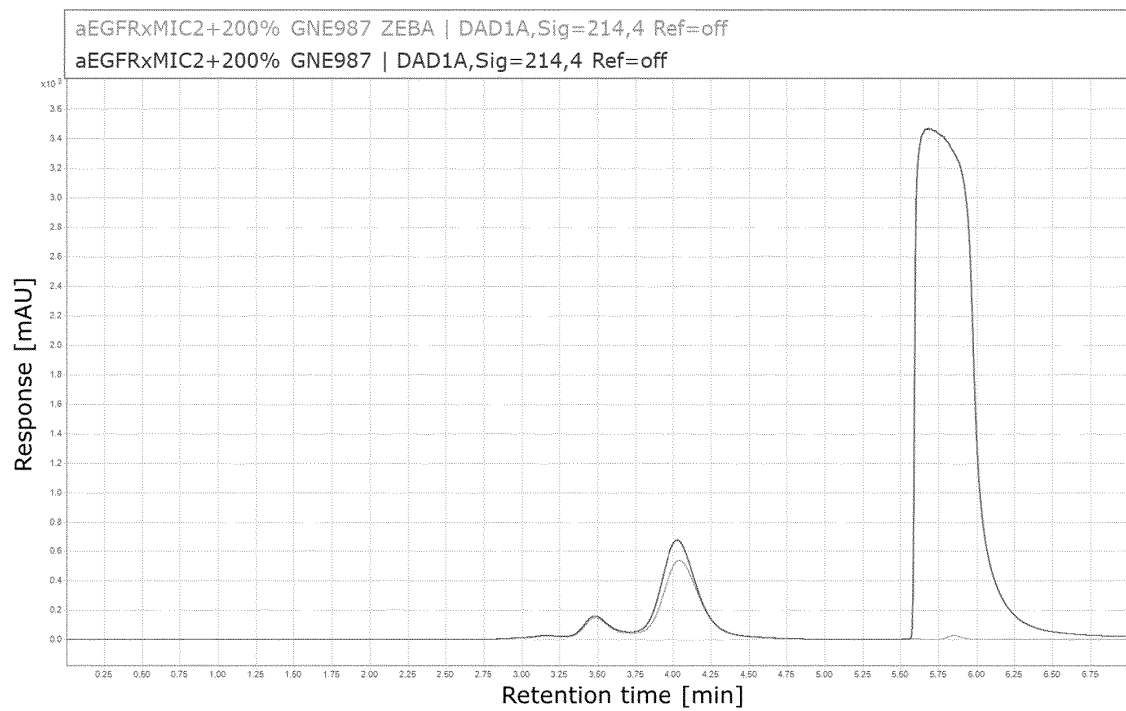


Figure 12

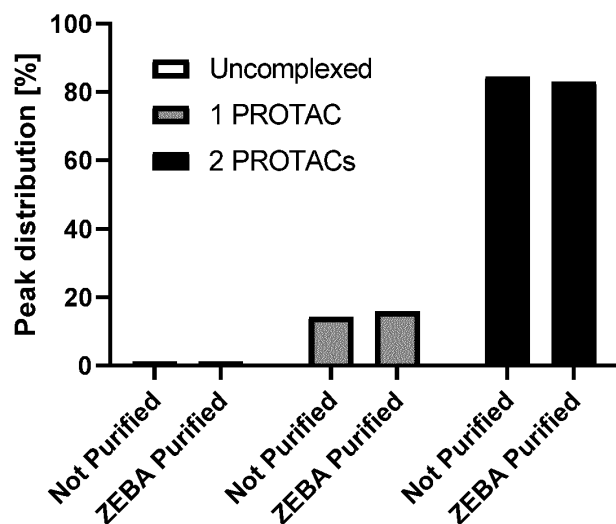
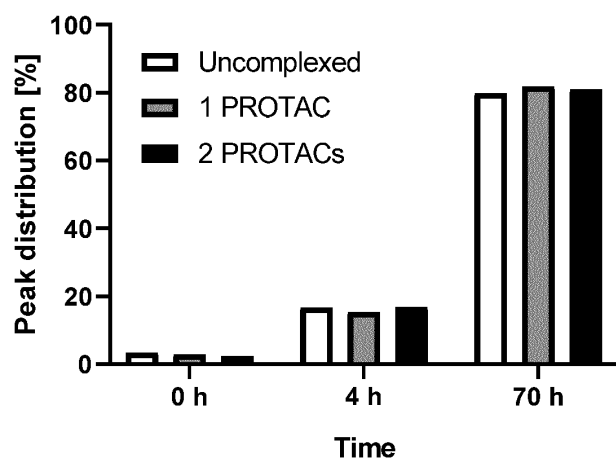


Figure 13

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Figure 14

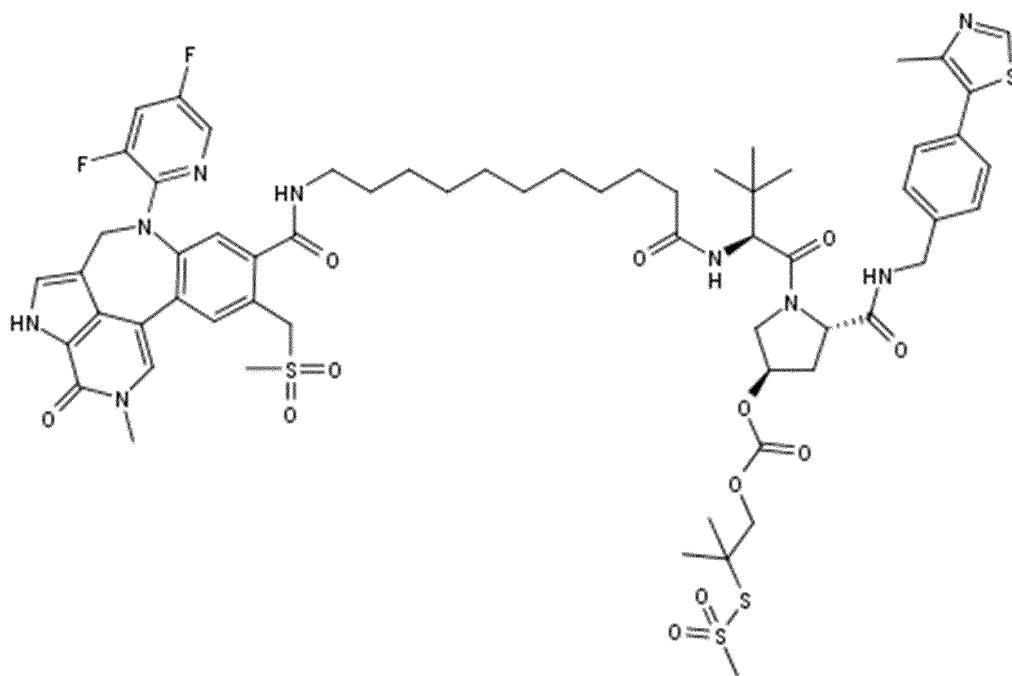


Figure 15

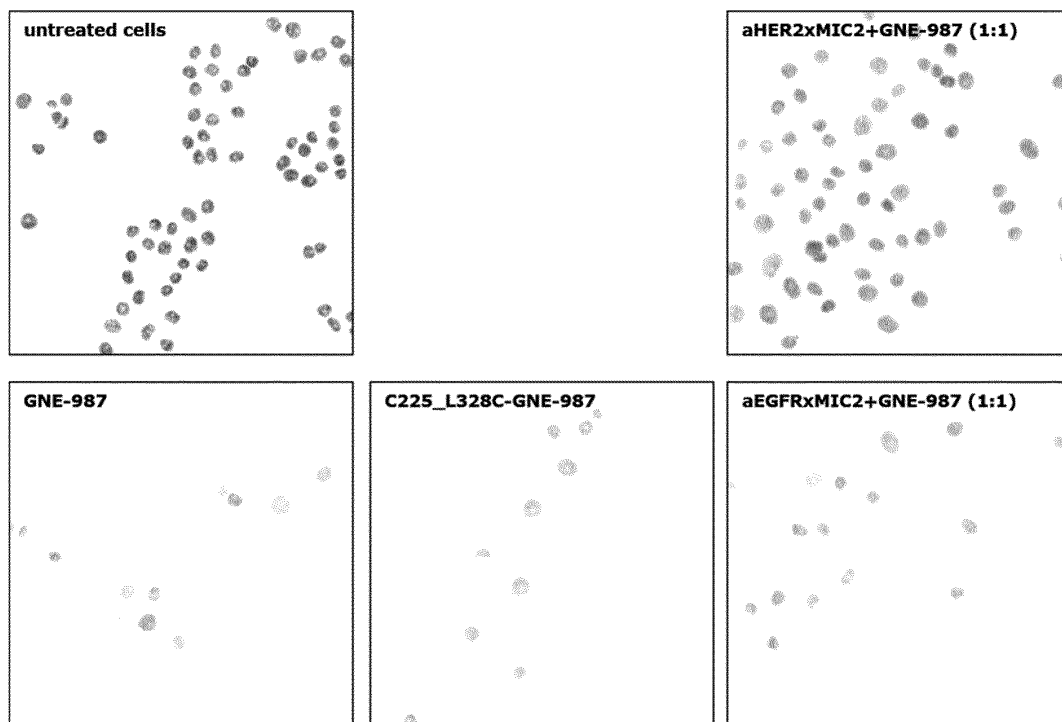


Figure 16

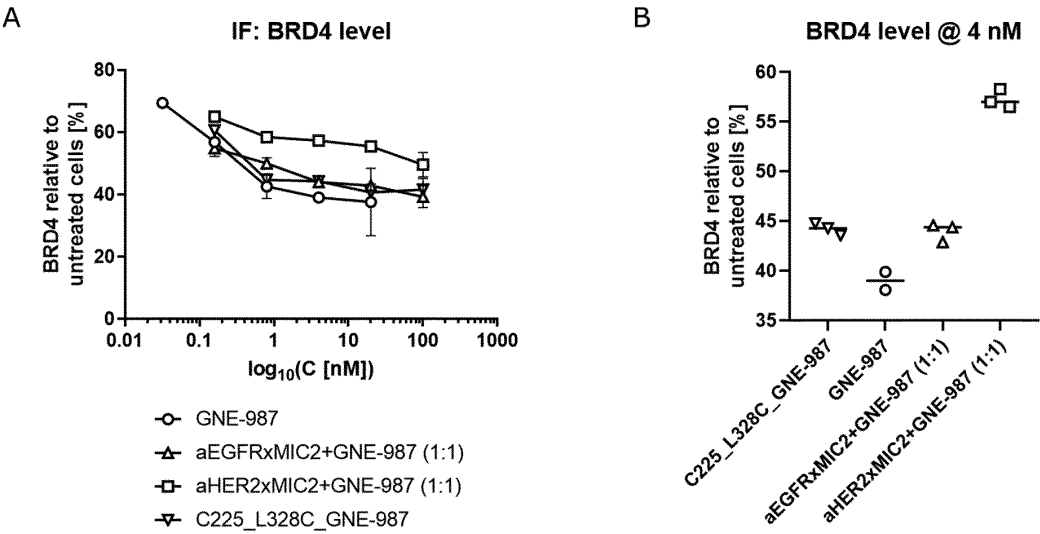


Figure 17

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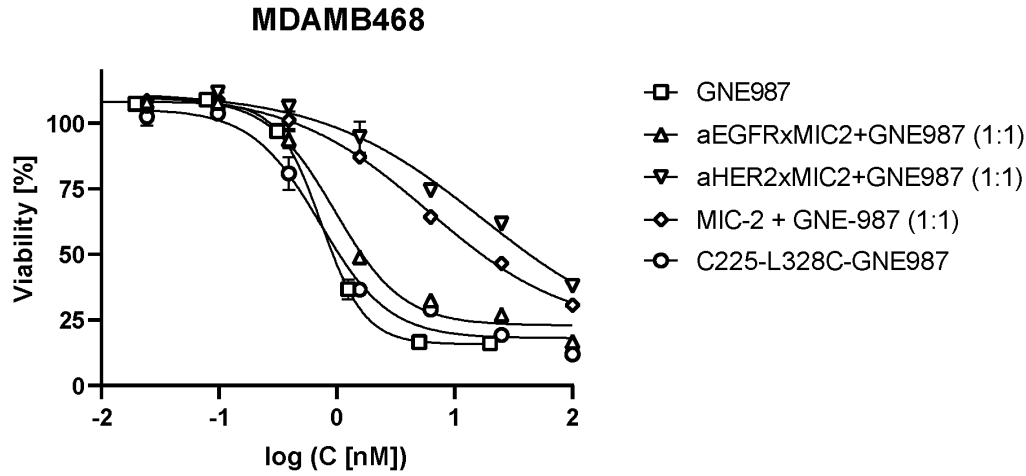
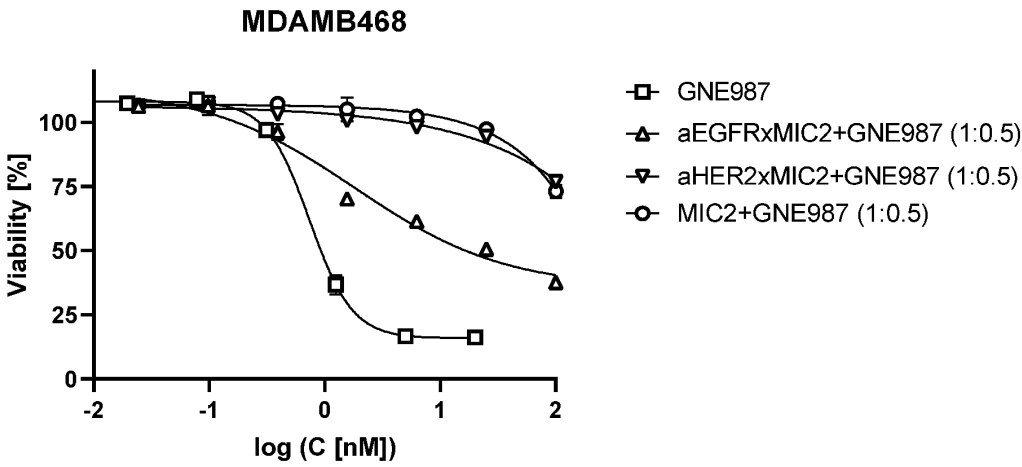


Figure 18



5 Figure 19

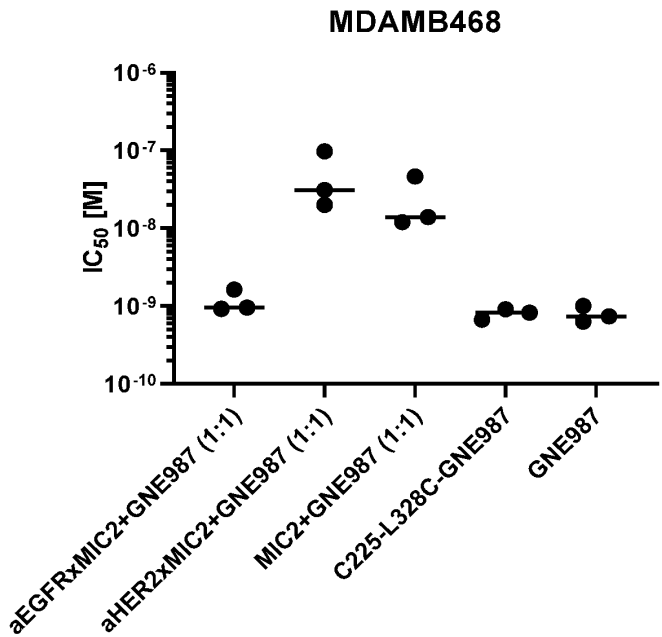


Figure 20

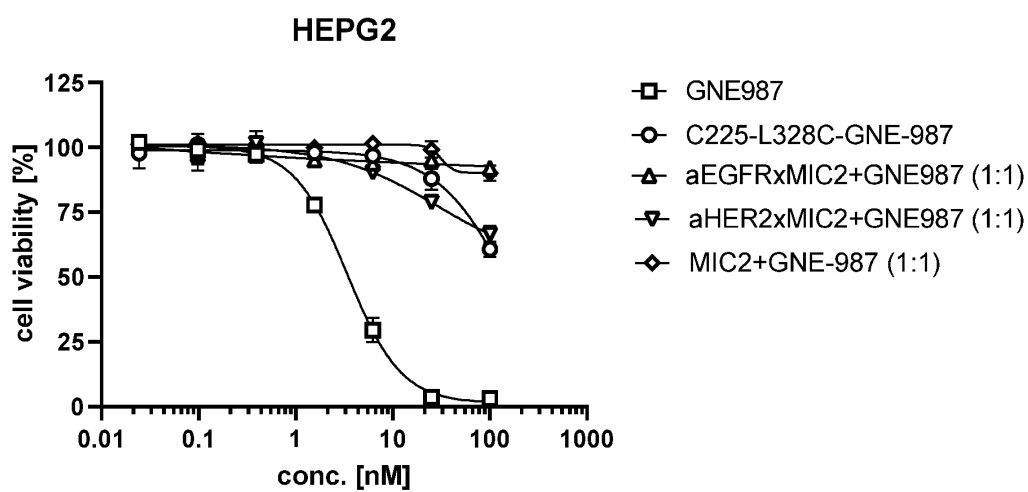


Figure 21

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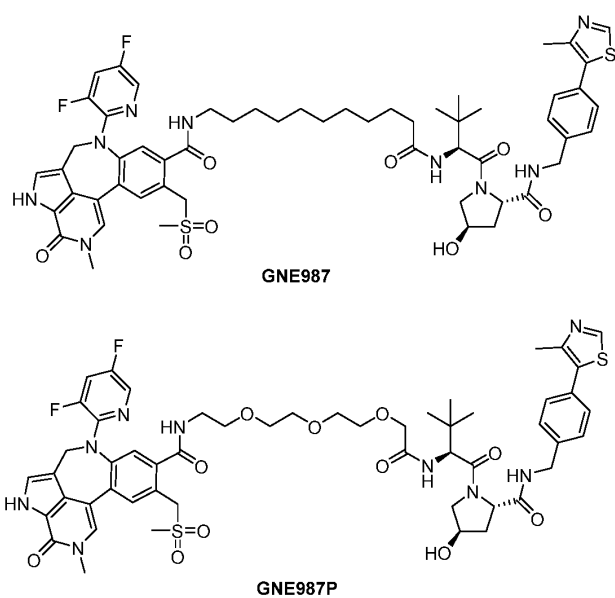


Figure 22

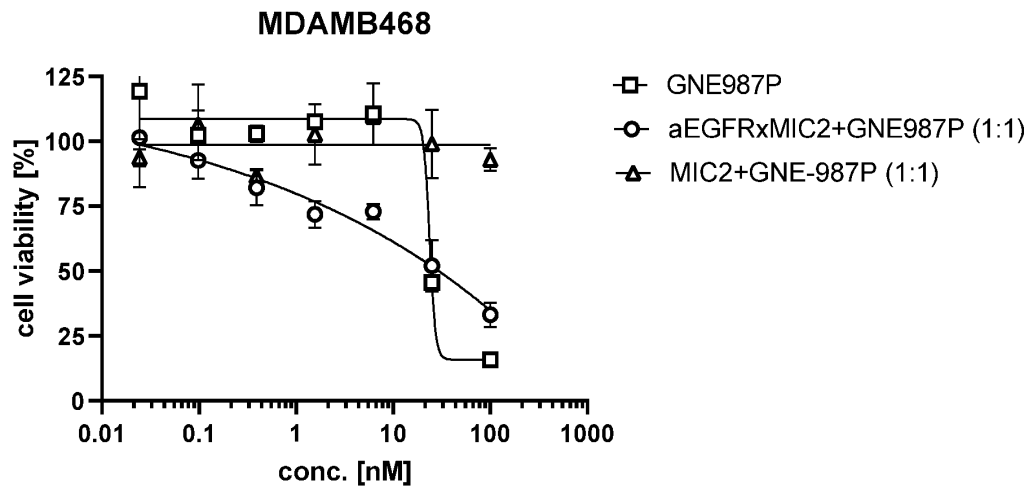
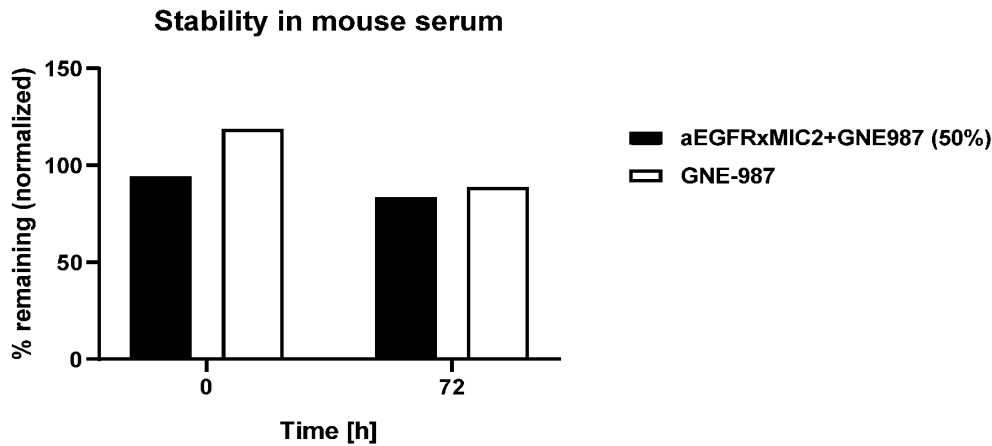


Figure 23



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Figure 24

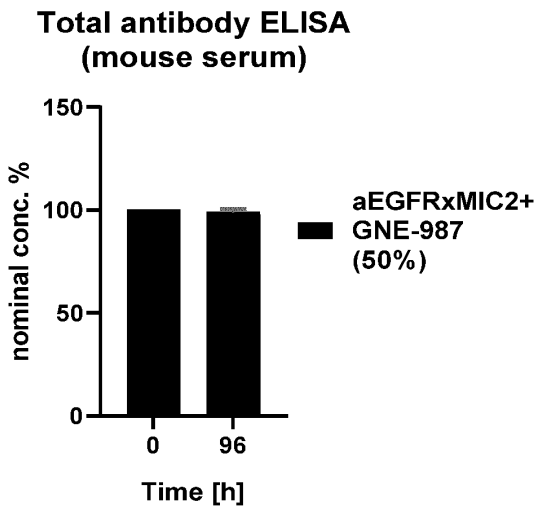
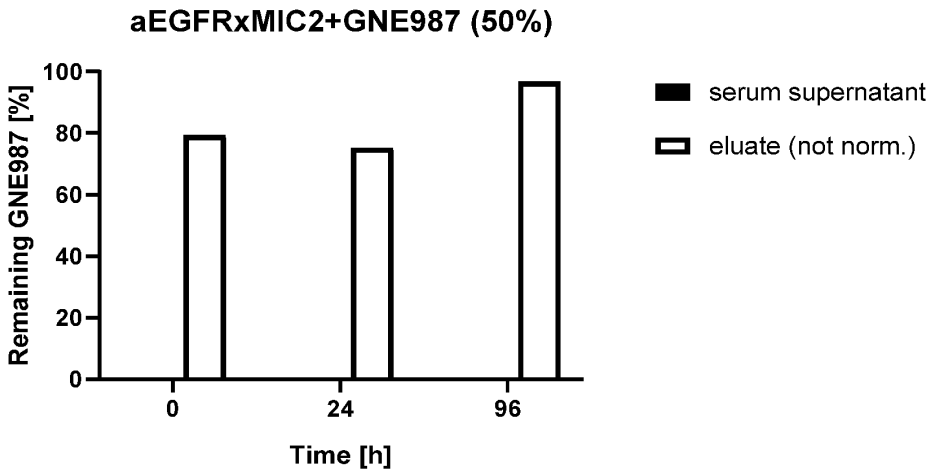


Figure 25



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Figure 26

Date	Day	Treatment	Antigen [mL]	Adjuvant [mL]	Bleeding [mL]	Sign
13/08/20	0	Pre immune serum 1 st Injection (s.c.) KLH	0.5	0.5	2 - 4 (S)*	
10/09/20	28	2 nd Injection cBSA	0.5	0.5	-	
17/09/20	35	1 st Intermediate serum	-	-	2 - 4 (S)*	
24/09/20	42	3 rd Injection (s.c.) KLH	0.5	0.5	-	
28/09/20	46	Optionally: Final Bleeding 1; PBMC Isolation 1; Final Seru	-	-	100 (WB) 2- 4 (S) Shipping!	
01/10/20	49	2 nd Intermediate serum	-	-	2 - 4 (S)	
08/10/20	56	4 th Injection (s.c.) cBSA	0.5	0.5	-	
12/10/20	60	Final bleeding** (PBMC isolation, RNA isolation, cDNA synthesis, final serum)	-	-	100 (WB) 2- 4 (S) Shipping!	

Abbreviations: WB: Whole blood; S: Serum

Figure 27

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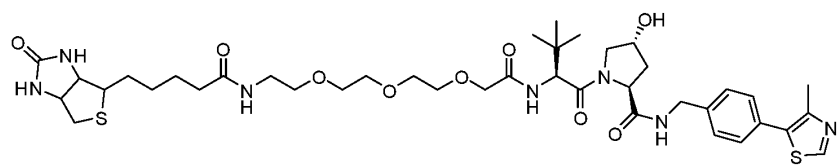


Figure 28

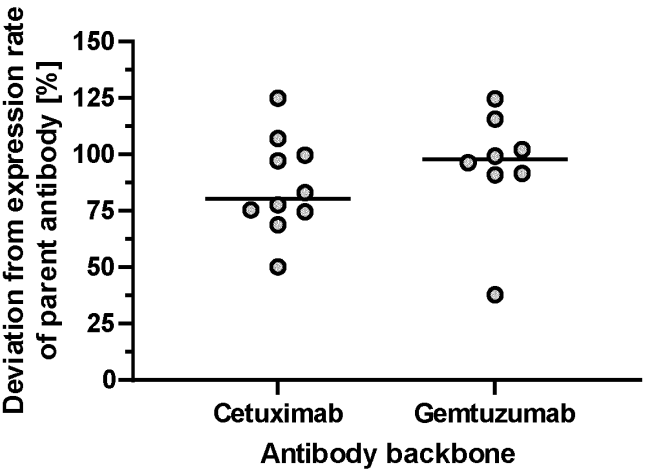
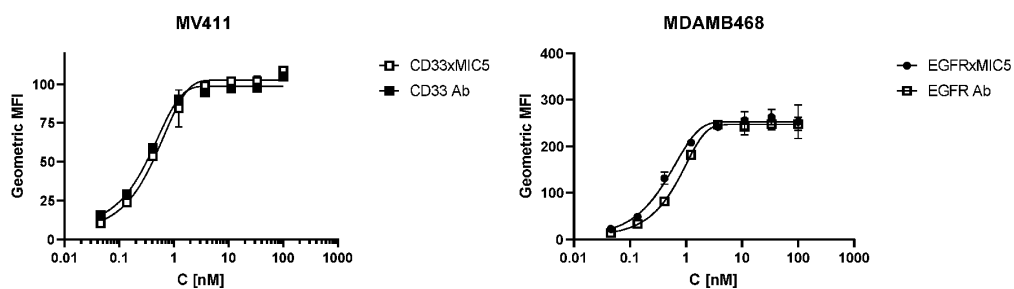


Figure 29



5 Figure 30

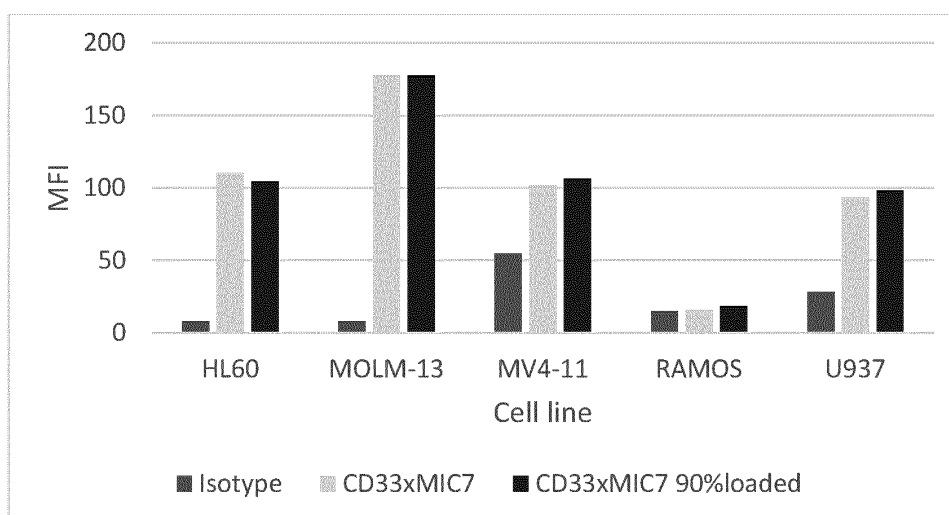


Figure 31

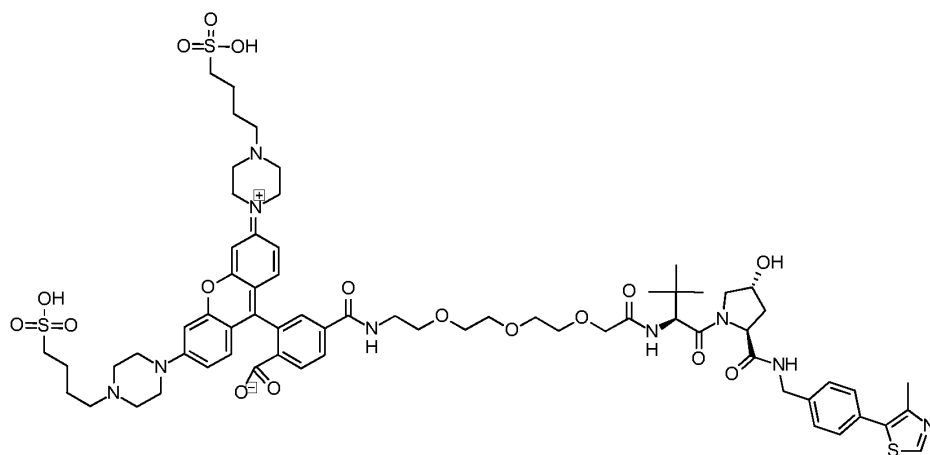


Figure 32

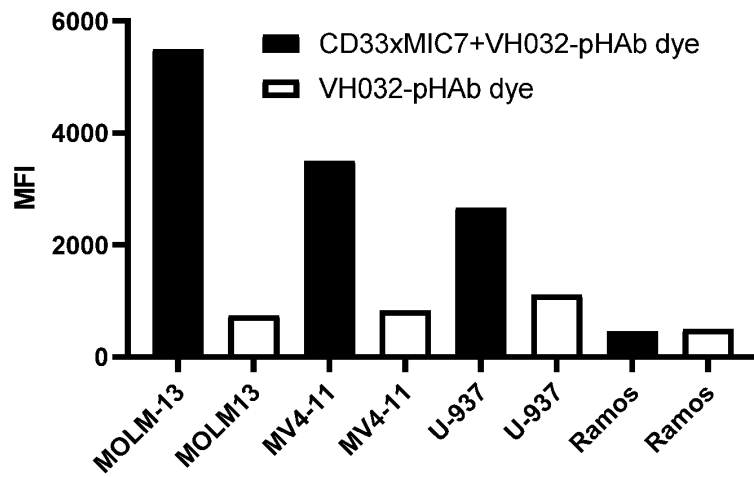


Figure 33

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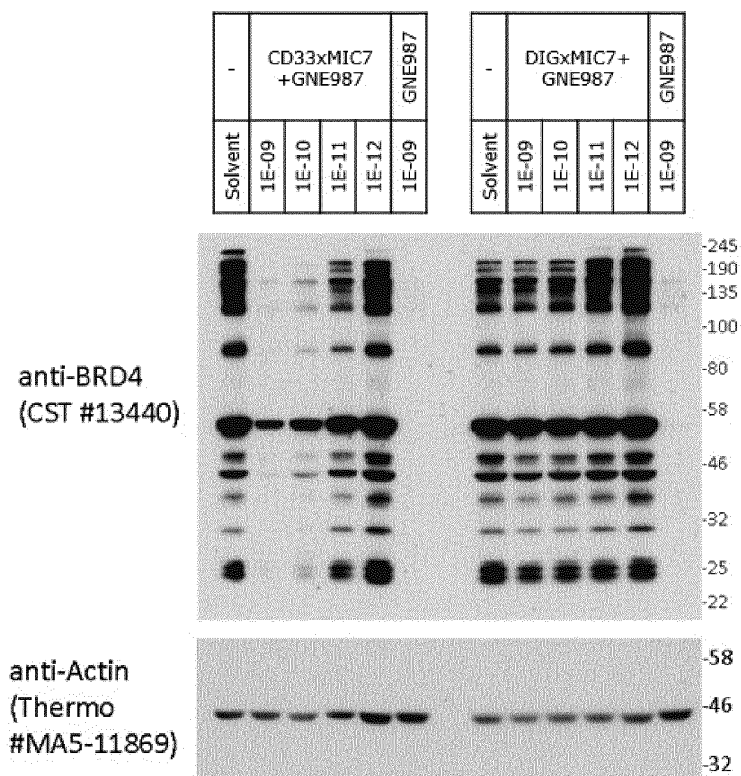


Figure 34

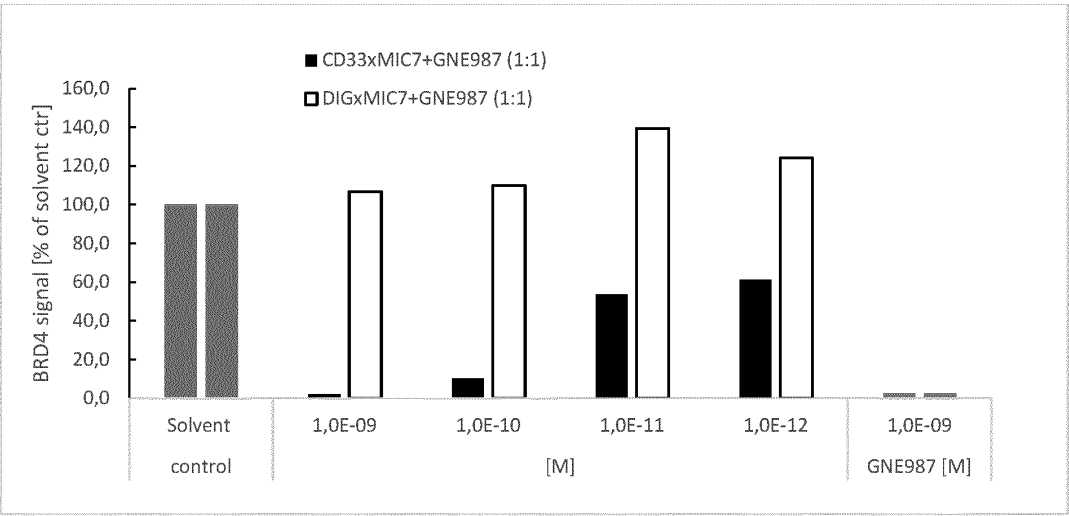
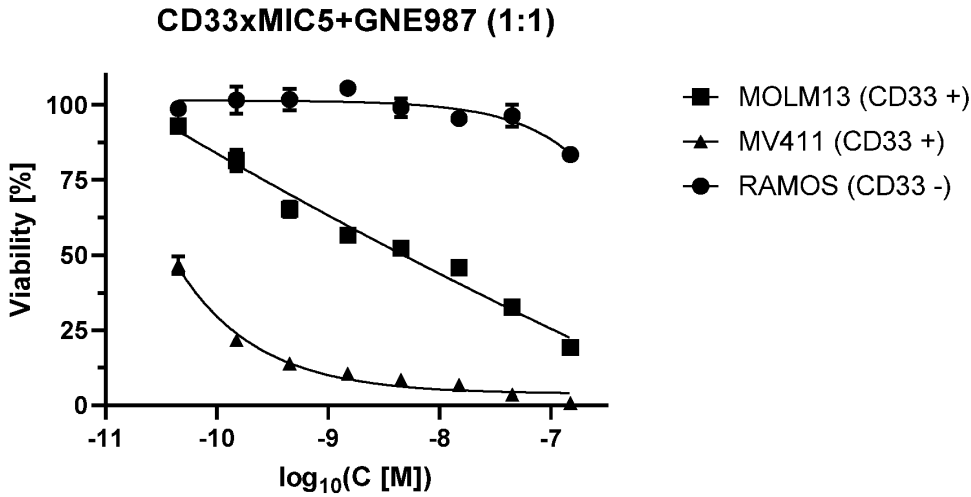


Figure 35

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Figure 36

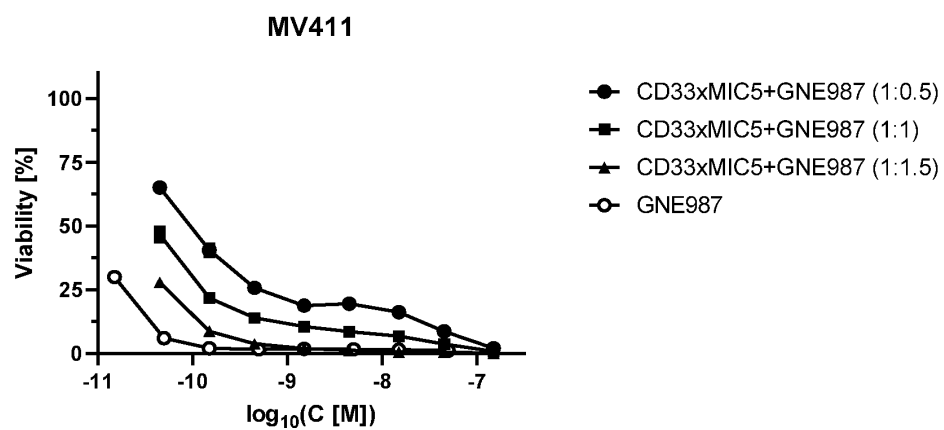


Figure 37

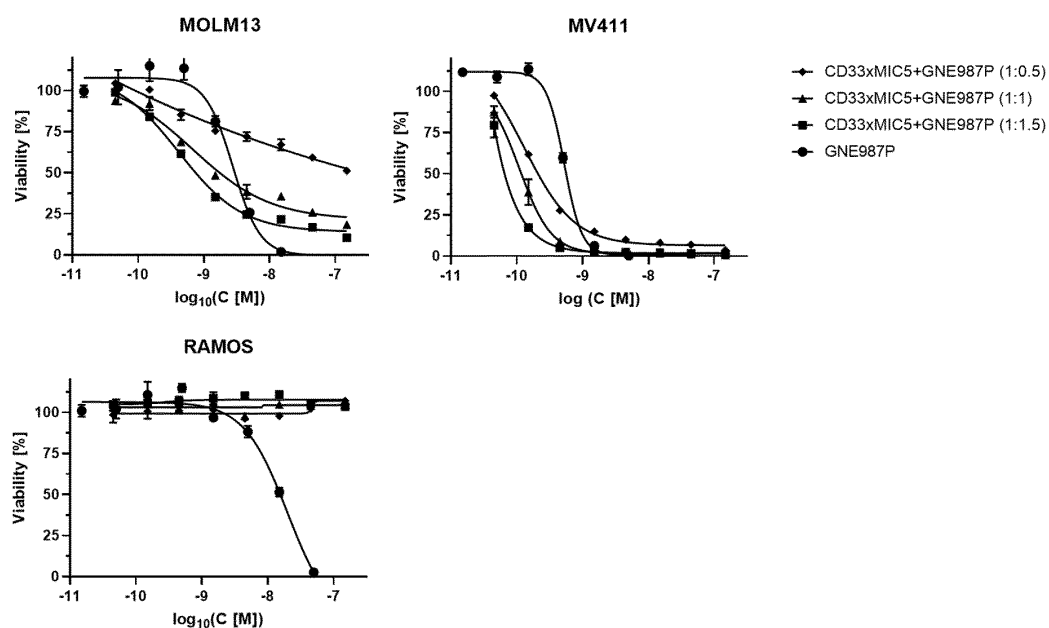


Figure 38

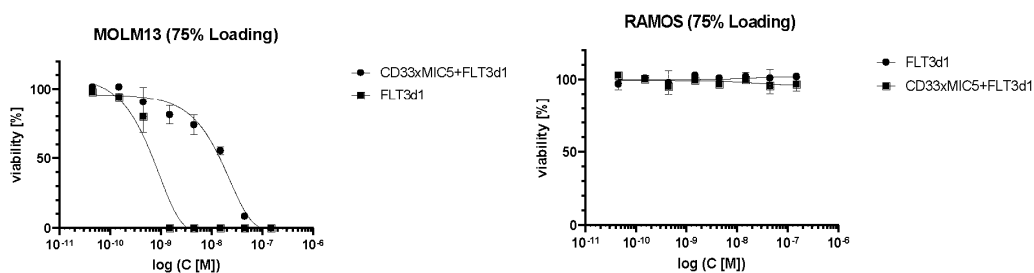


Figure 39

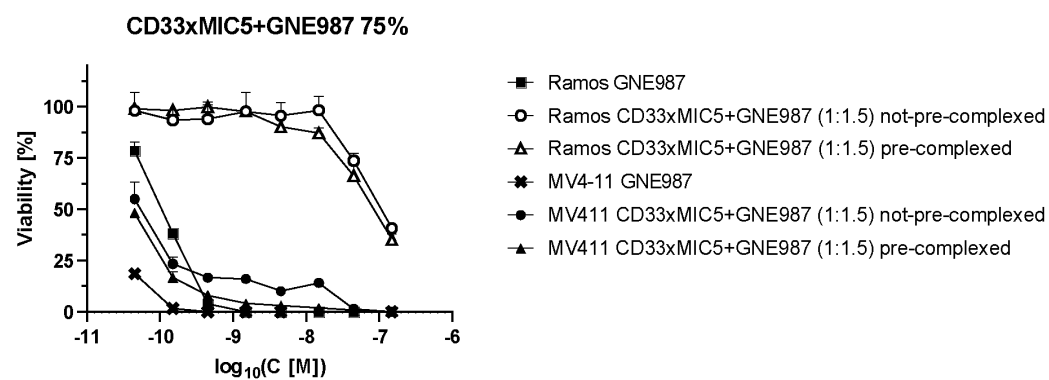
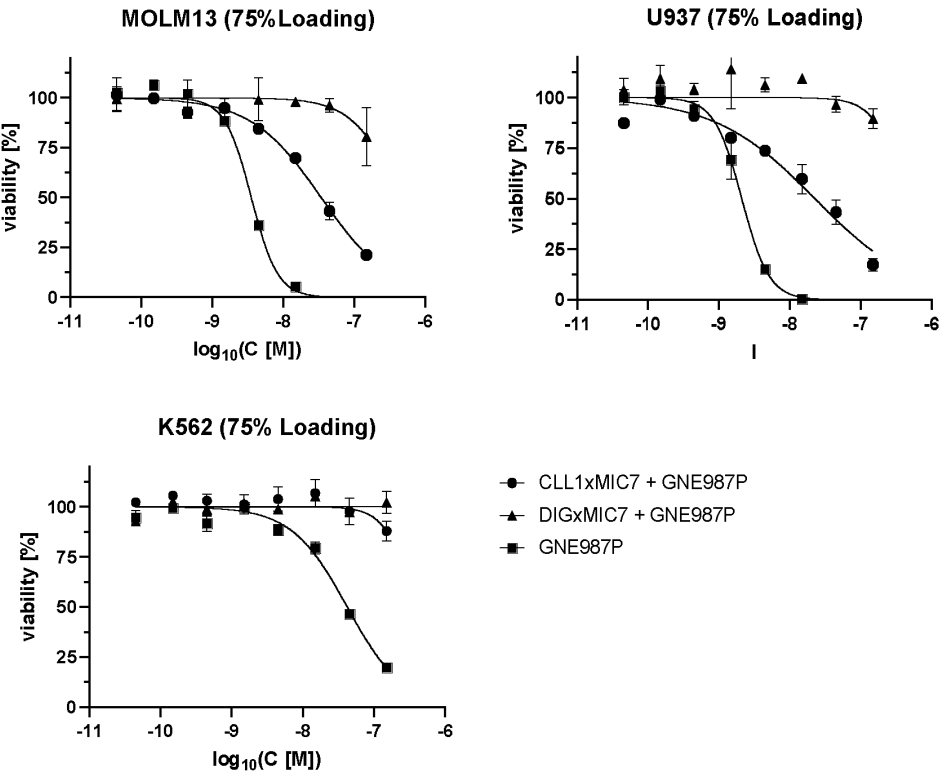


Figure 40



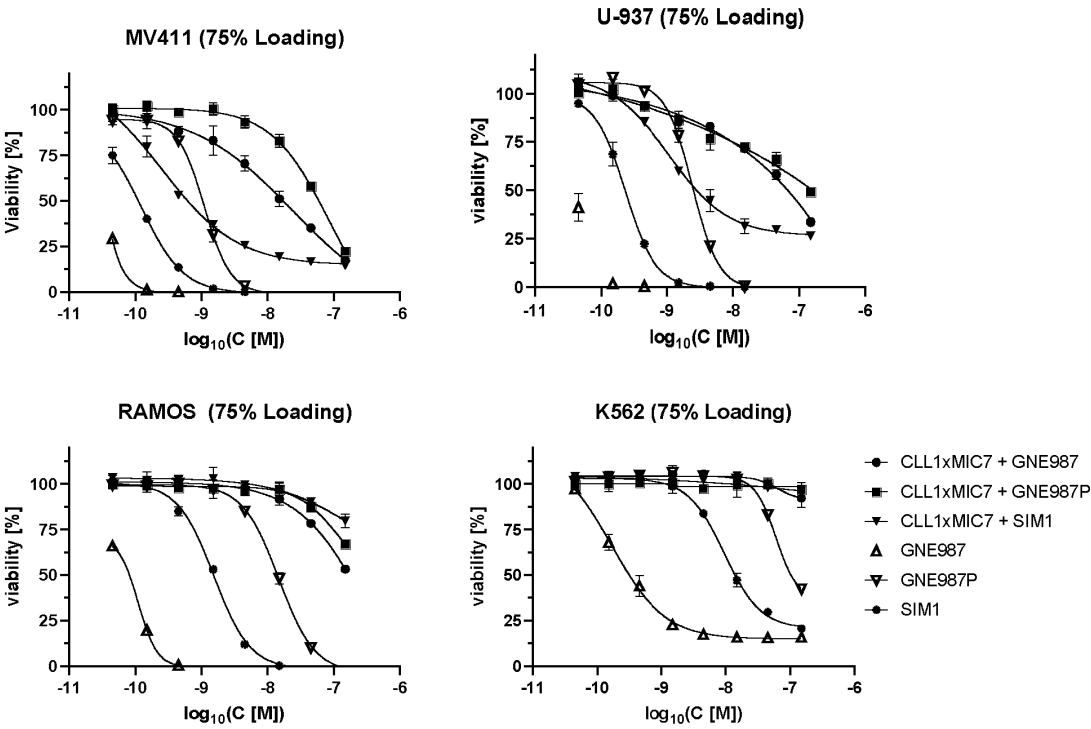
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Figure 41



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Figure 42

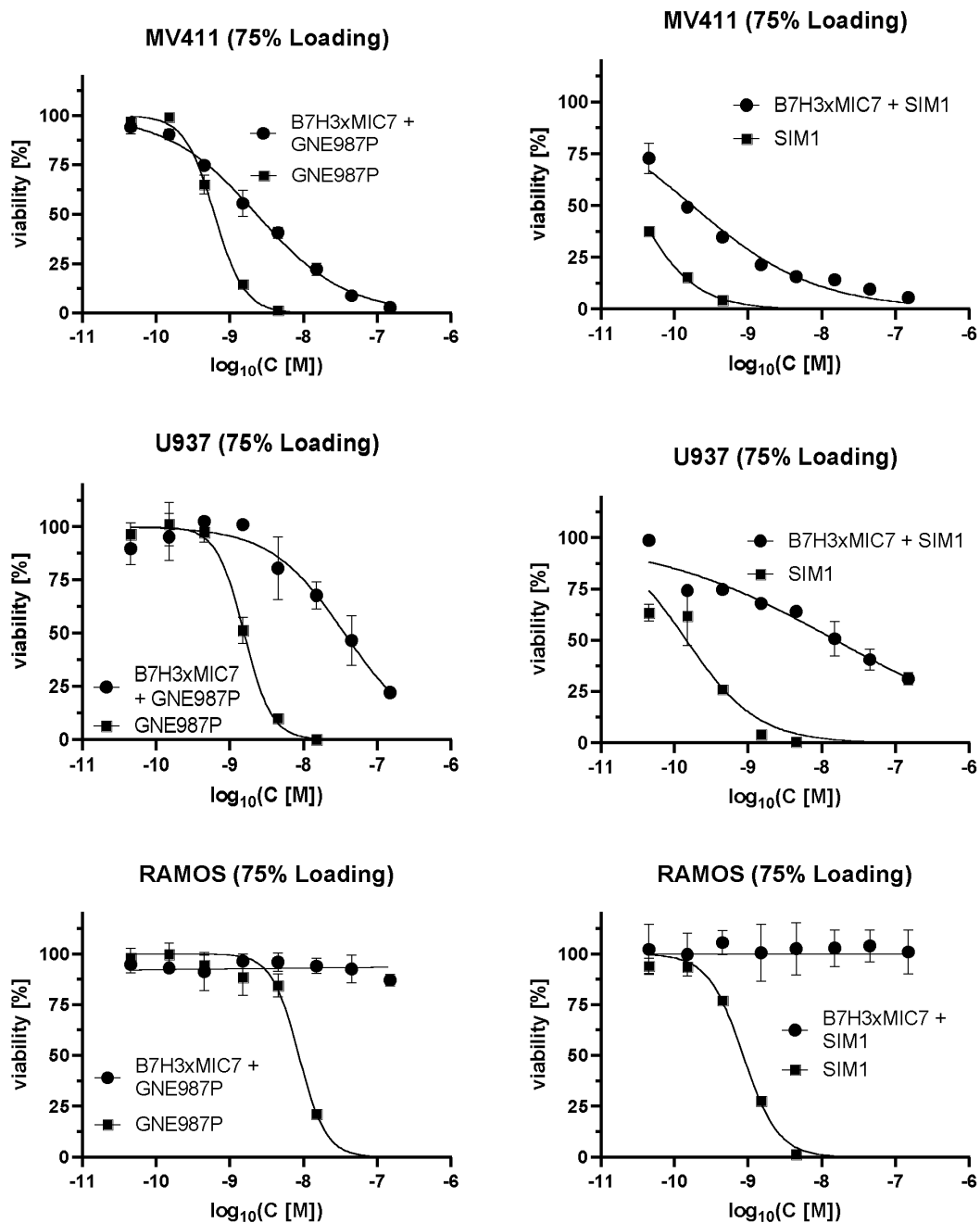


Figure 43

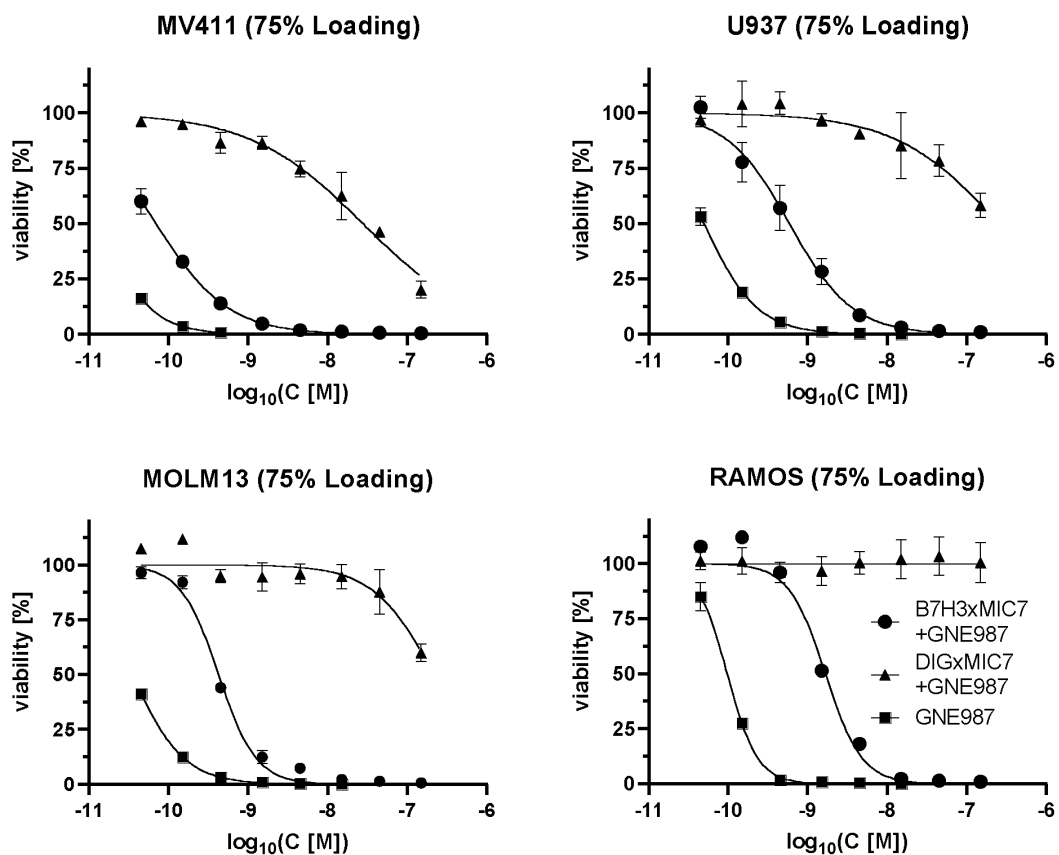


Figure 44

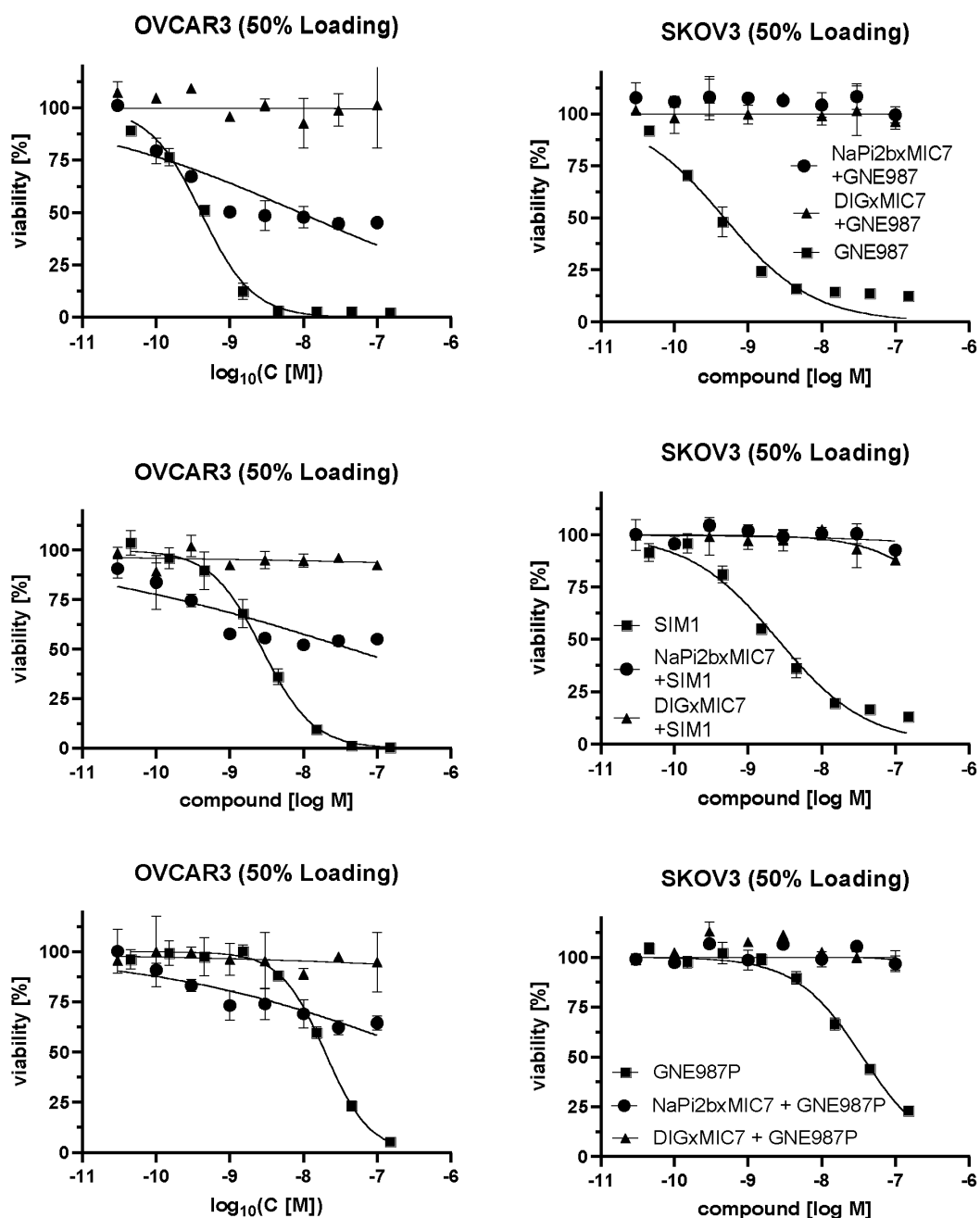


Figure 45

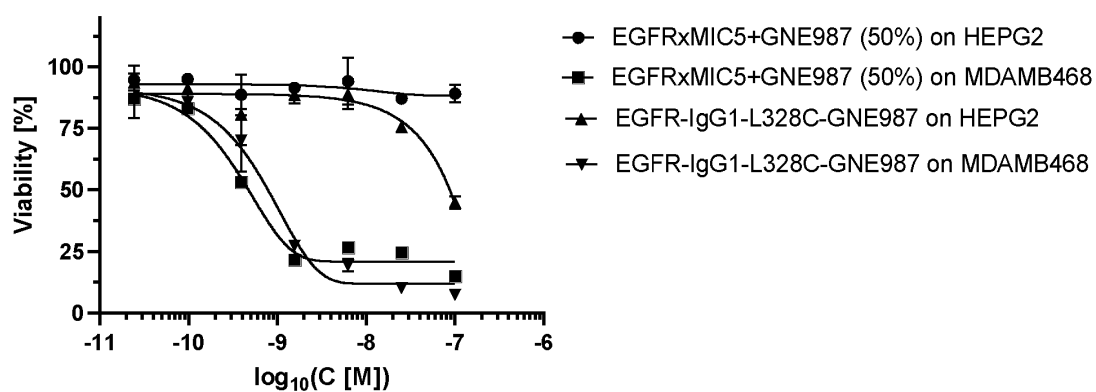
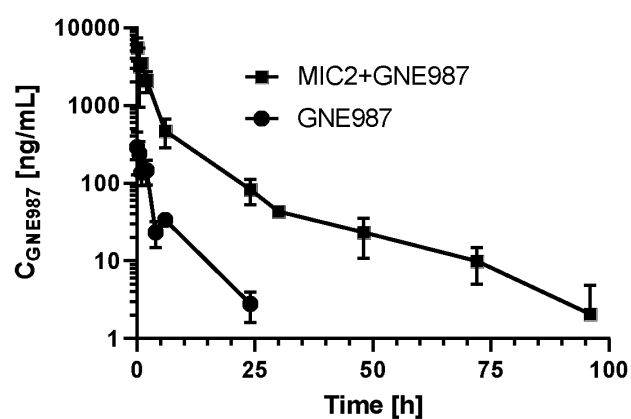


Figure 46



5 Figure 47

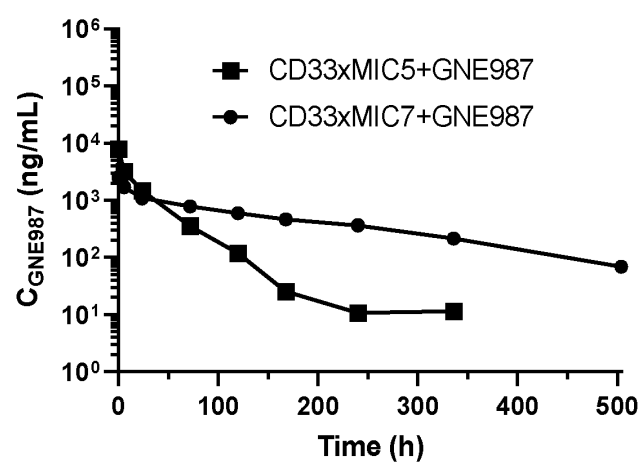
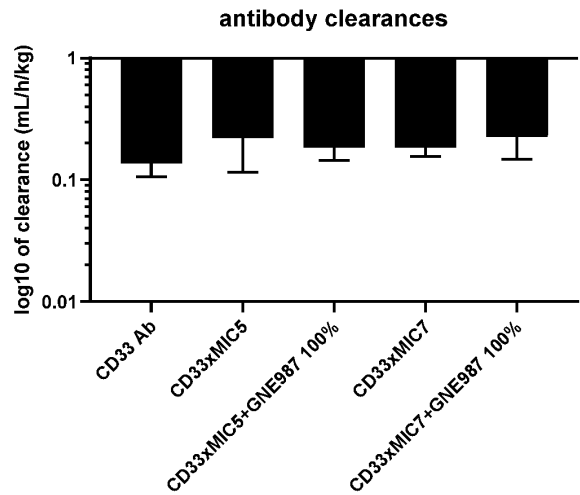


Figure 48



5 Figure 49

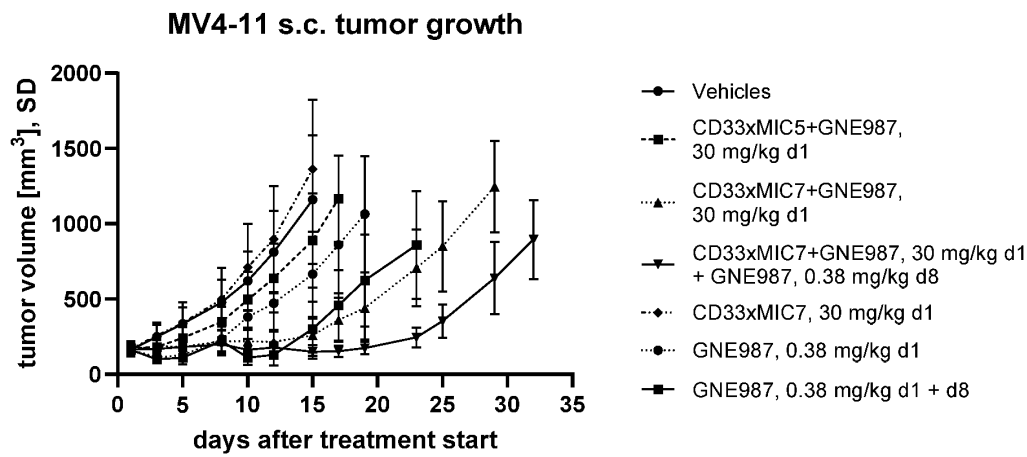


Figure 50(a)

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DSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYYCTADTDVSGCPAGPDEVRYLEVWGQG
5 TQVTVSS

ID: YU732-G11 (MIC12, SEQ ID NO: 30) Species: new world camelid koff [1/s]: 0.00005523
AVQLVESGGGLVQAGGSLRLSCAASGRTLNTLTMGWFRQAPGKEREFVCANTWNGDNTV
CADSVNGRFTISRDNADNTAYLQMNSLKPEDTAIYYCAASTYSGATISVTKRYQVPYWGQG
10 TQVTVSS

ID: YU732-G09 (MIC11, SEQ ID NO: 31) Species: new world camelid koff [1/s]: 0.00009886
QVQLVESVGGGLVQAGGSLRLSCAASGRTLDTLTMGWFRQAPGKEREFVCANTWNGGNTV
CADSVNGRFTISRDNADNTAYLQMNDLKPEDTAIYYCAASTYSGATISVTRRYQVPYWGQG
15 TQVTVSS

ID: YU733-G10 (MIC5, SEQ ID NO: 24) Species: new world camelid koff [1/s]: 0.0001885
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DSVKGRFTMSSDNAKNTMYLQMNSLRTEDTAVYHCAVATGSCPADGGQKIFLEVWGQGT
20 QVTVSS

ID: YU734-F06 (MIC7, SEQ ID NO: 20) Species: new world camelid koff [1/s]: 0.0002191
AVQLVESGGGLVQAGGSLRLSCAASGFSFDDYALGWFRQAPGKEPEGLSCISSSDGSTWY
ADSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYYCSAIYRLSCSVVRPTIRYALDYWGQGT
25 QVTVSS

ID: YU737-A03 (SEQ ID NO: 32) Species: new world camelid koff [1/s]: 0.0002421
EVQLVESGGGSVQAGGSLRLSCATSGFRFDDYSIGWFRQAPGKEREGISCLSSSDGSSYY
ADSVKGRFTMSSDNAKNMMYLLMNSLKPEDTAVYYCSIARGTCPNGPTPVYLEAWGQGTL
30 VTVSS

ID: YU737-B07 (SEQ ID NO: 33) Species: new world camelid koff [1/s]: 0.0002525
QVKLEESGGGLVQAGGSLRLSCATSGFRFDDYAIGWFRQAPGKEREGISCLSSSDGSSYY
ADSVKGRFTMSSDNAKNMMYLLMNSLKPEDTAVYYCSIARGTCPDGPTPVYLEAWGQGTL
35 VTVSS

Figure 50(b)

ID: YU736-C11 (MIC9, SEQ ID NO: 34) Species: new world camelid koff [1/s]: 0.0002773

AVQLVDSGGGLVQAGGSLRLSCAASSGRTLNTLTMGWFRQAPGKEREFVCASTWNGGNTV
5 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDITRRYQVPYWGQGT
QVTVSS

ID: YU735-A01 (SEQ ID NO: 35) Species: new world camelid koff [1/s]: 0.0003247

QVQLVQSGGGLVQPGGSLRLSCAASSGRTLNTLTMGWFRQAPGKEREFVCASTWNGDNTV
10 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDVTRRYQVPYWGQG
TQVTVSS

ID: YU736-H01 (SEQ ID NO: 36) Species: new world camelid koff [1/s]: 0.000381

AVQLVDSGGGLVQAGGSLRLSCAASGFNLDDYAMGWFRQAPGKEAEGISCFSSSDGSTYY
15 ADSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYHCAAAAISTCPTDARSIILEVWGQGLV
TVSS

ID: YU736-F10 (SEQ ID NO: 37) Species: new world camelid koff [1/s]: 0.0003909

QVQLVESGGGLVQAGGSLRLSCAPSGFTFDDYAIGWVRQAPGKEREGVSCISSSDGSTYY
20 ADSVKGRFTISRDNKNTVYLQMNSLKPEDTAVYYCAADLTDSSCPRSNQEHRYLEVWGQ
GTLTVSS

ID: YU732-G12 (MIC13, SEQ ID NO: 38) Species: new world camelid koff [1/s]: 0.0003933

DVQLVESGGGLVQAGGSLRLSCAASSGRTLNTLTMGWFRQAPGKEREFVCASTRNGGNTV
25 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDVTRRYQVPYWGQG
TQVTVSS

ID: YU737-F09 (SEQ ID NO: 39) Species: new world camelid koff [1/s]: 0.0004184

QVQLVESGGGLVQAGGSLRLSCAASSGRTLNTLTMGWFRQAPGKEREFVCASTWNGGNTV
30 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDVTRRYQVPYWGQG
TQVTVSS

ID: YU736-E09 (SEQ ID NO: 40) Species: new world camelid koff [1/s]: 0.0004427

DVQLVESGGALVQAGGSLRLSCAASSGFTFDDYAIGWFRQAPGKEPEGVSCLSSSDGSTYY
35 AHSVKGRTISTDNAKNSMYLQMNSLKPEDTAVYYCSVARISSCPTNGRTKIHLDLWGQGT
QVTVSS

Figure 50(c)

ID: YU736-A10 (MIC14, SEQ ID NO: 41) Species: new world camelid koff [1/s]: 0.0004839

QVQLVESGGGLVQAGGSLRLSCAASGFNLDYAMGWFRQAPGKEREGISCISSSDGSTYY
5 RDSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYHCAAAAISSCPTDGESIITLRVWGQGT
VTVSS

ID: YU735-B10 (SEQ ID NO: 42) Species: new world camelid koff [1/s]: 0.0005125

EVQLVESGGGLVQAGGSLRLSCAASGFTFDDYAMGWFRQAPGKEPEGVSCLSSSDGSTY
10 YADSVKGRFTISSDNAKNMVYLMNKMKPEDTAVYYCSAAAISSCPTDGRSKINLEVWGQ
TQVTVSS

ID: YU732-A09 (SEQ ID NO: 43) Species: new world camelid koff [1/s]: 0.0005288

QVQLVESGGGLVQAGGSLRLSCAASGRTLNLTMGWFRQAPGKEREFVCASTWNGGNTV
15 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDVTRRYQVPYWGQ
TQVTVSS

ID: YU737-C12 (MIC8, SEQ ID NO: 44) Species: new world camelid koff [1/s]: 0.0005729

DVQLVESGGGLVQAGGSLRLSCAASGFTFDDYAIGWFRQAPGKEREGVTCINSRDGSTYY
20 ADSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYYCAIAAVKCAEVSATTVVTLDAWGQGT
QVTVSS

ID: YU738-B05 (SEQ ID NO: 45) Species: new world camelid koff [1/s]: 0.0006971

QVQLVESGGGLVQAGGSLRLSCAASGFNIDDYAMGWFRQAPGREREGISCFSSSDGSTFY
25 ADSVKGRFTISSDSAKNTVYLQTNLSLKPEDTAVYHCAAARISSCPTDGRSIITLEVWGQGT
TVSS

ID: YU737-D07 (MIC10, SEQ ID NO: 46) Species: new world camelid koff [1/s]: 0.0007384

QVQLVESGGGLVQTGGSLRLSCAASGFTIDDYAMGWFRQAPGEEPEGILCISRRDGSTYYR
30 DSVKGRFTMSTDNAKNTVYLQMTSLKPEDTAVYHCAAATGSCPTDGRTKVRLEVWGQGT
VTVSS

ID: YU733-A09 (SEQ ID NO: 47) Species: new world camelid koff [1/s]: 0.0007736

QVKLEESGGGLVQAGGSLRLSCAVSGFNLDYAMGWFRQAPGKEREGVSCLSSSDGSTY
35 YADSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYYCAAAAISSCPTNSRSIITLEVWGQGT
VTVSS

Figure 50(d)

- ID: YU738-C02 (SEQ ID NO: 48) Species: new world camelid koff [1/s]: 0.0008356
AVQLVESGGGLVQAGGSLRLSCAASSGFTFDDYALGWFRQAPGKEREGVSCISSSDNSTYY
5 ADSVKGRFTISSDKSKNTVYLQMNSLKPEDTAVYYCSAIYSLSCSVVRPTTRYDLDYWGQG
TQVTVSS
- ID: YU735-C11 (SEQ ID NO: 49) Species: new world camelid koff [1/s]: 0.00118
EVQLVESGGGLVQAGGSLRLSCAASGRTLNTLTMGWFRQAPGKEREFVCASTWSGGNTV
10 CADSVNGRFTISRDNADNTAYLQMNSLKLEDTAIYYCAASTYSGATIDVTRRYQVPYWGQG
TQVTVSS
- ID: YU733-E12 (SEQ ID NO: 50) Species: new world camelid koff [1/s]: 0.001422
QVQLVESGGGLVQAGGSLRLSCAASSGFTFDDYAMGWFRQAPGKEPEGILCSSSSDGSTYT
15 RDSVKGRFTISSNNAKNTLYLQMNSLKPEDTAVYHCAAATSSCPTDGGSKINLEVWGQGT
LVTSS
- ID: YU736-H02 (SEQ ID NO: 51) Species: new world camelid koff [1/s]: 0.001552
QVQLVESGGGLVQAGGSLRLSCAASSGFTFDDYTIGWFRQAPGKELEGVSCISSNDGSTYY
20 ADSVKGRFTISSDNAKNTVYLQMNSLKPEDTAVYYCCAADTDVGVCVPVGPDDVRYLEVWGQ
GTLVTSS
- ID: YU737-H03 (SEQ ID NO: 52) Species: new world camelid koff [1/s]: 0.001839
QVKLEESGGGLVQVGGSLRLSCVGFGITFDDYAMGWFRQAPGKEPEGISCISSSDGSTYAA
25 DSVKGRFTVSSDSAKNTMYLQMNSLKPDDTAVYHCAAKIGSCPTDGGSKINLEVWGQGT
LVTSS
- ID: YU735-D11 (SEQ ID NO: 53) Species: new world camelid koff [1/s]: 0.001883
QVKLEESGGGLVQAGGSLRLSCAASSGFTFDDYAIGWFRQAPGKEREGVTCISSDDSTYYA
30 DSVKGRFTISSDNAKNTVYLQMNSLKAEDTAVYYCAVVAAVKCAQVSPPTTVYALDAWGQGT
LVTSS
- ID: YU736-B09 (SEQ ID NO: 54) Species: new world camelid koff [1/s]: 0.001897
AVQLVESGGGLVQAGGSLRLSCAASSGFTFDDYAMGWFRQAPGKEPEGILCISSSDGSTYTA
35 DSVKGRFTISSDNAKNTMYLQMNSLKPEDTAVYHCAAAASSCPTDGGTKINLEVWGQGT
LVTSS

Figure 50(e)

ID: YU737-H06 (SEQ ID NO: 55) Species: new world camelid koff [1/s]: 0.001994

AVQLVDSGGGMVQAGGSLTLSCAASGFTWDDYTIGWFRQAPGKEREGVSCISSWDGSTY
5 YADSVKGRFTISSDSAKNTVYLMNSLKPEDTAVYYCAVGLTRTCPRRPVPVHLAAWGQG
TVTVSS

ID: YU736-A05 (SEQ ID NO: 56) Species: new world camelid koff [1/s]: 0.001997

DVQLVESGGGLVQAGGSLRLSCAASGFTFDDHAIGWFRQAPGKEPEGVTCISSSDGGTTY
10 ADSVKGRFTISSDNAKNTVYMQMNSLKPEDTAVYYCAVGVAPTCPRHPVPTLLHWGQGT
QTVTVSS

ID: YU736-D05 (SEQ ID NO: 57) Species: new world camelid koff [1/s]: 0.002379

QVQLVESGGGLVQAGGSLRLSCAASGFTFDDYAMGWFRQAPGKEPEGILCISISDGSTYTR
15 DSVKGRFTISSDNAKNTVYLMNSLKPEDTAVYHCAAATGSCPTDGESKINLEVWGQGTQV
TVSS

ID: YU738-D03 (SEQ ID NO: 58) Species: new world camelid koff [1/s]: 0.007943

AVQLVDSGGGLVQAGGSLRLSCAASGFTFDDYAIGWFRQAPGKEPEGISCISVVDGSTYSA
20 DSVKGRFTISSDNAKNTMYLQMDSLKPEDTAVYYCAAATGSCPTDGGQKVNLEVWGQGT
LTVTVSS

ID: YU736-G03 (SEQ ID NO: 59) Species: new world camelid koff [1/s]: 0.01395

EVQLVESGGGLVQAGGSLRLSCAASGFDFFDDYAIGWFRQAPGKEPEGISCISSSDGSTYAA
25 DSVKGRFTISSDNAKNTMYLQMNSLKPEDTAVYHCAAATGSCPTDGGTKINLEVWGQGTQ
VTVSS

Figure 51

Sequence of 6E7L4Hle antibody:

>HC (SEQ ID NO: 60)

5 EVQLVQSGAEVKKPGASVKVSCKASGYSTFDYYMHWRQAPGQGLEWIGRINPYNGAAFY
SQNFKDRVTLTVDSTSTAYLELSSLRSEDVAVYYCAIERGADLEGYAMDYWGQGLTVTS
SASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSS
GLYSLSSVTVPSSSLGKTYTCNVDPKPSNTKVDKRVESKYGPPCPPCPAPEFEGGPSVF
LFPPKPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRV
10 VSVLTVLHQDWLNGKEYKCKVSNKGLGSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQV
SLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSRLTVDKSRWQEGNVFS
CSVMHEALHNHYTQKSLSLGLG

>LC (SEQ ID NO: 61)

15 DIQMTQSPSSLSASVGDRVTITCRASQSVSTSSNYMHWYQQKPGKPKLLIKYASNLESG
VPSRFGSGSGTDFTLTISSLQPEDFATYYCQHSWEIPLTFGQGTKVEIKRTVAAPSVFIFPP
SDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDESTYLSSTLT
SKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC

20 Sequence of anti-Digoxigenin antibody:

>HC (SEQ ID NO: 62)

QVQLVESGGGLVKPGGSLRLSCAASGFTTFSDYAMSWIRQAPGKGLEWVASINIGATYAYYP
DSVKGRFTISRDAKNSLYLQMNSLRAEDTAVYYCARPGSPYEYDKAYYSMAYWGQGT
TVSSASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVL
25 QSSGLYSLSSVTVPSSSLGKTYTCNVDPKPSNTKVDKRVESKYGPPCPPCPAPEFEGGP
SVFLFPPKPKDTLMISRTPEVTCVVVDVSQEDPEVQFNWYVDGVEVHNAKTKPREEQFNST
YRVVSVLTVLHQDWLNGKEYKCKVSNKGLGSSIEKTISKAKGQPREPQVYTLPPSQEEMTK
NQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSRLTVDKSRWQEG
NVFSCSVMHEALHNHYTQKSLSLGLG

30

>LC (SEQ ID NO: 63)

DIQMTQSPSSLSASVGDRVTITCRASQDIKNYLNWYQQKPGKAPKLLIYSSSTLLSGVPSRF
SGSGSGTDFTLTISSLQPEDFATYYCQQSITLPPTFGGGTKVEIKRTVAAPSVFIFPPSDEQL
KSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDESTYLSSTLTLSKADY
35 EKHKVYACEVTHQGLSSPVTKSFNRGEC