

```
SEQ ID No: 11      EVQLVESGGGLVKPGGSLRLSCAASGFTFSNAWMSWVRQAPGKGLEWVGRIKSKTDGGTT
SEQ ID No: 1       EVQLVESGGGLVKPGGSLRLSCAASGFTYSNAWMSWVRQAPGKGLEWVGRIKSKTDGGTT
SEQ ID No: 12      -----
                    *****:*****
                    *****:*****

SEQ ID No: 11      DYAAPVKGRFTISRDDSKNTLYLQMNSLKTEDTAVYYCTTTTVT-----
SEQ ID No: 1       DYAAPVQGRFTISRDDSKNTLYLQMNSLKTEDTAVYYCTIFGVVSFDYWGQGLVTVSS
SEQ ID No: 12      -----YFDYWGQGLVTVSS
                    *****:*****
```

FIGURE 1

```
SEQ ID No: 2       DVQMTQSPSSLSASVGDRVTITCRASQSIDYLSWYQQRPGKAPNLLIYAASNLKTGVPS
SEQ ID No: 13      DIQMTQSPSSLSASVGDRVTITCRASQSISSYLNWYQQKPGKAPKLLIYAASSLQSGVPS
SEQ ID No: 14      -----
                    *:***** ** *:*****:***** *: ****

SEQ ID No: 2       RFSGSGSGTDFTLTISTLQPEDFATYYCQQSYRSPWTFGQGTKVEIKR
SEQ ID No: 13      RFSGSGSGTDFTLTISLQPEDFATYYCQQSYS-----
SEQ ID No: 14      -----WTFGQGTKVEIKR
                    *****:***** *****
```

FIGURE 2

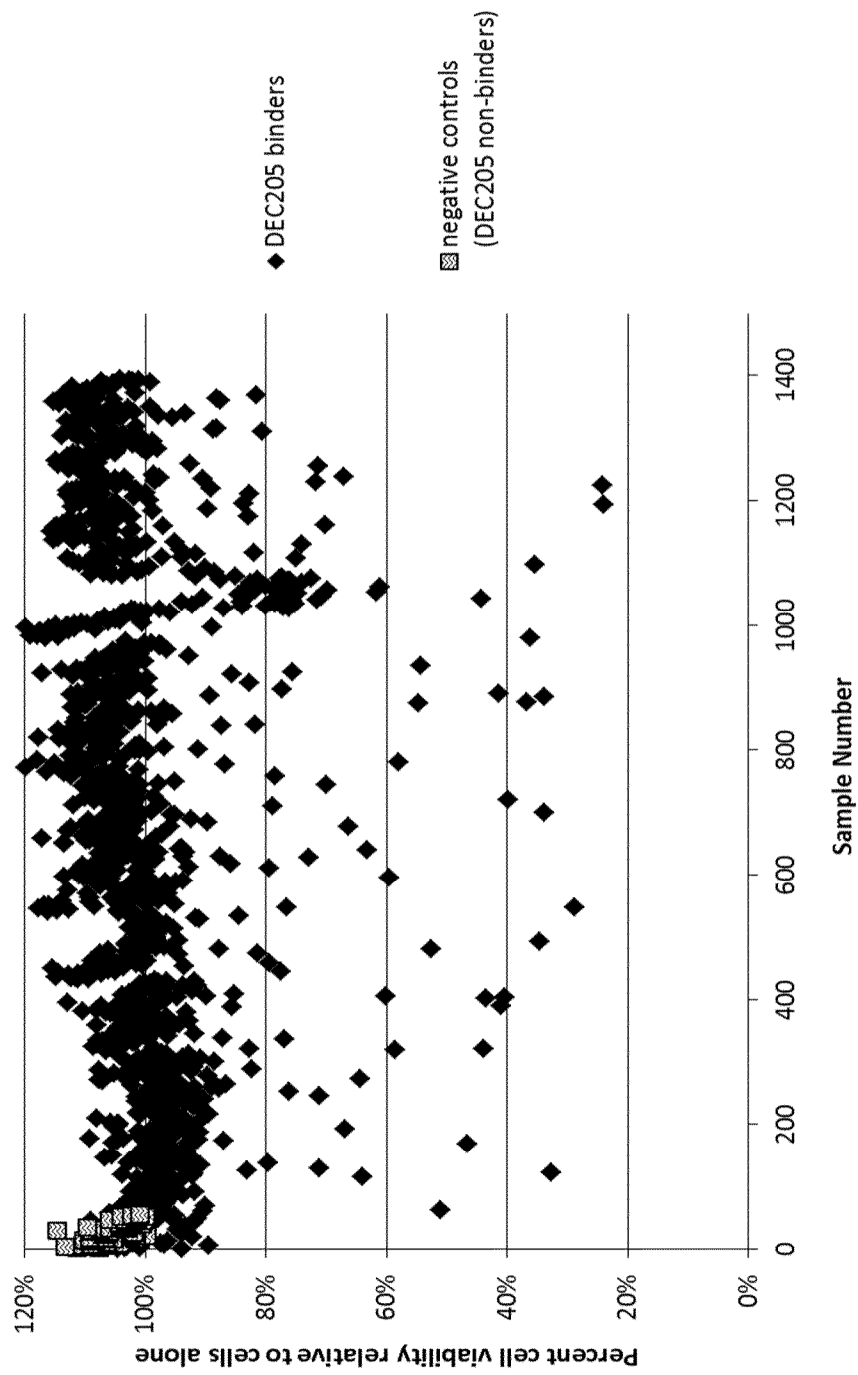


Figure 3a

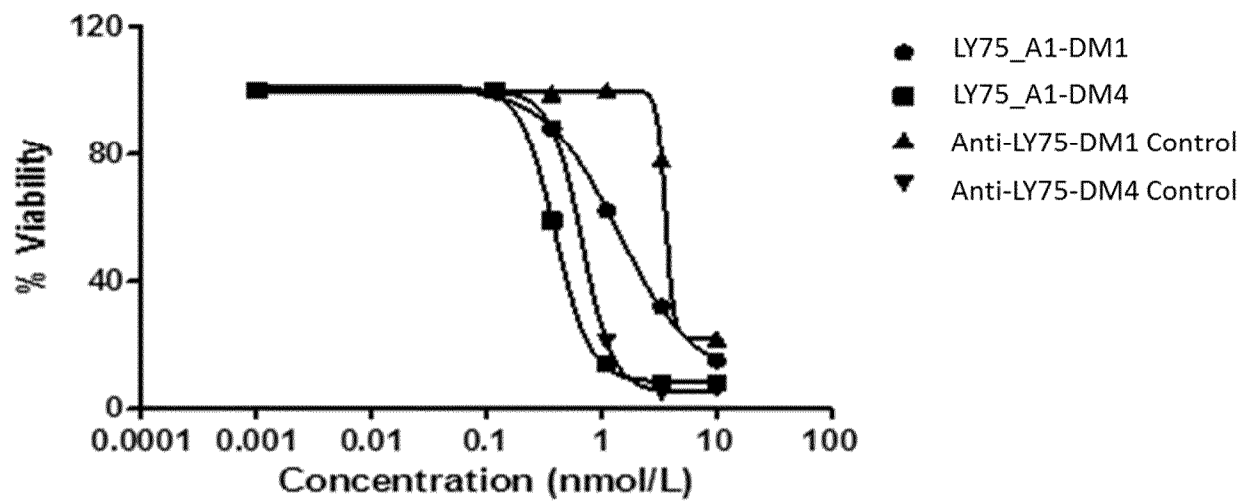


Figure 3b

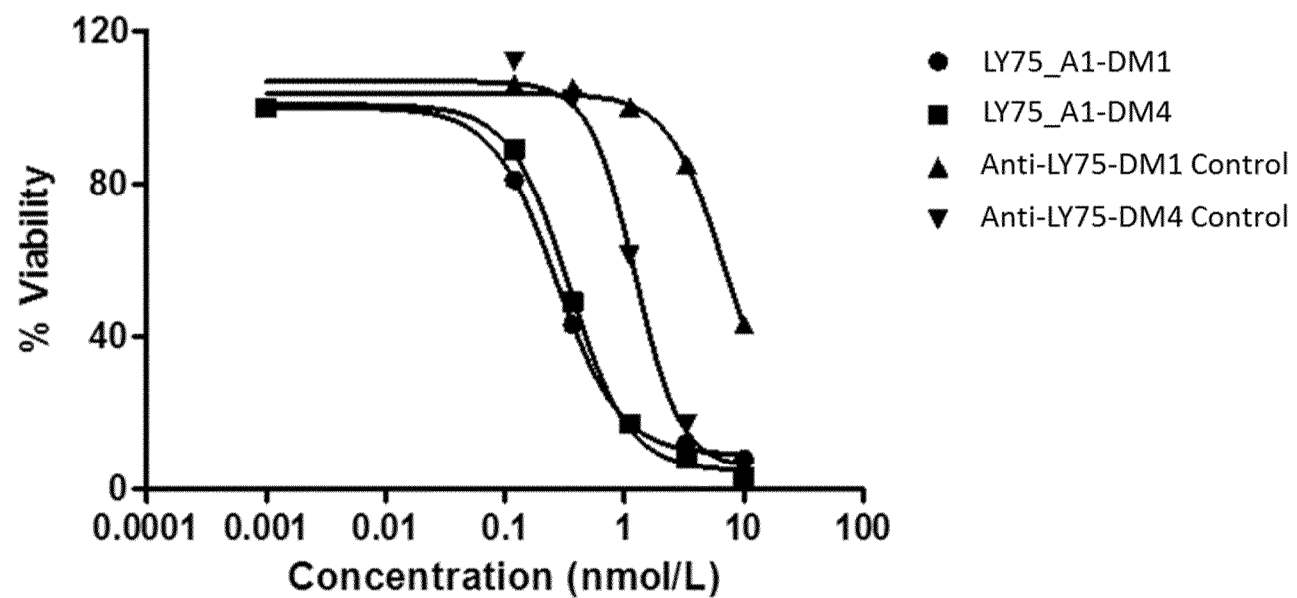


Figure 3c

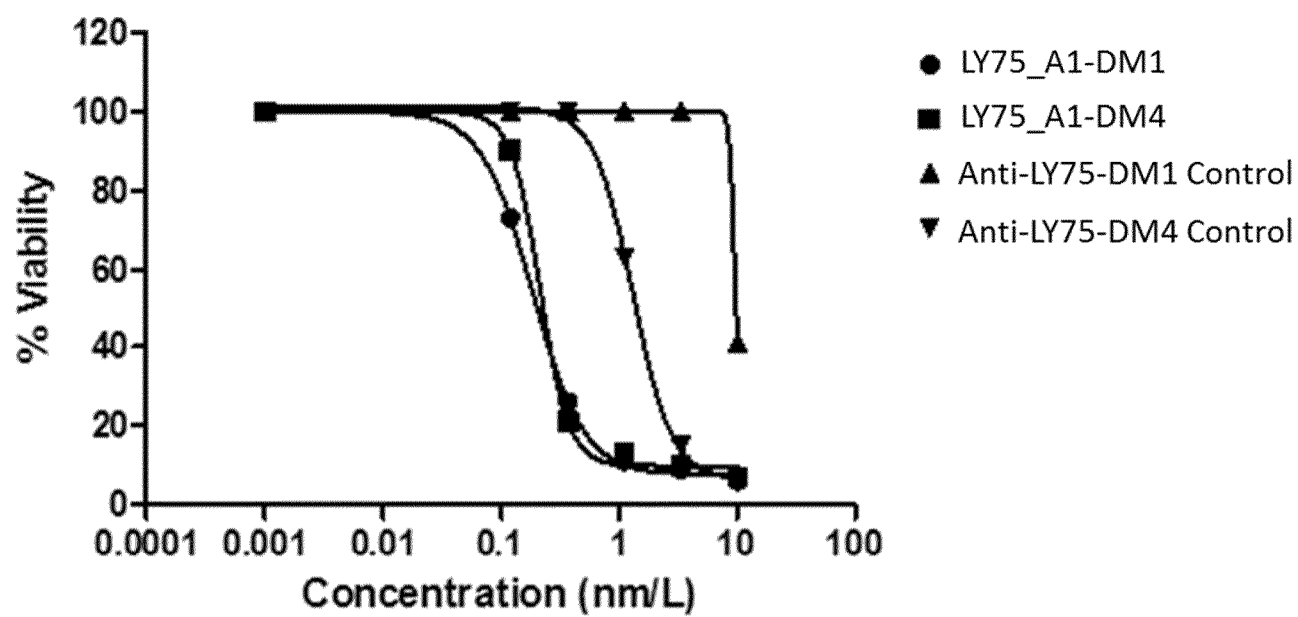


Figure 3d

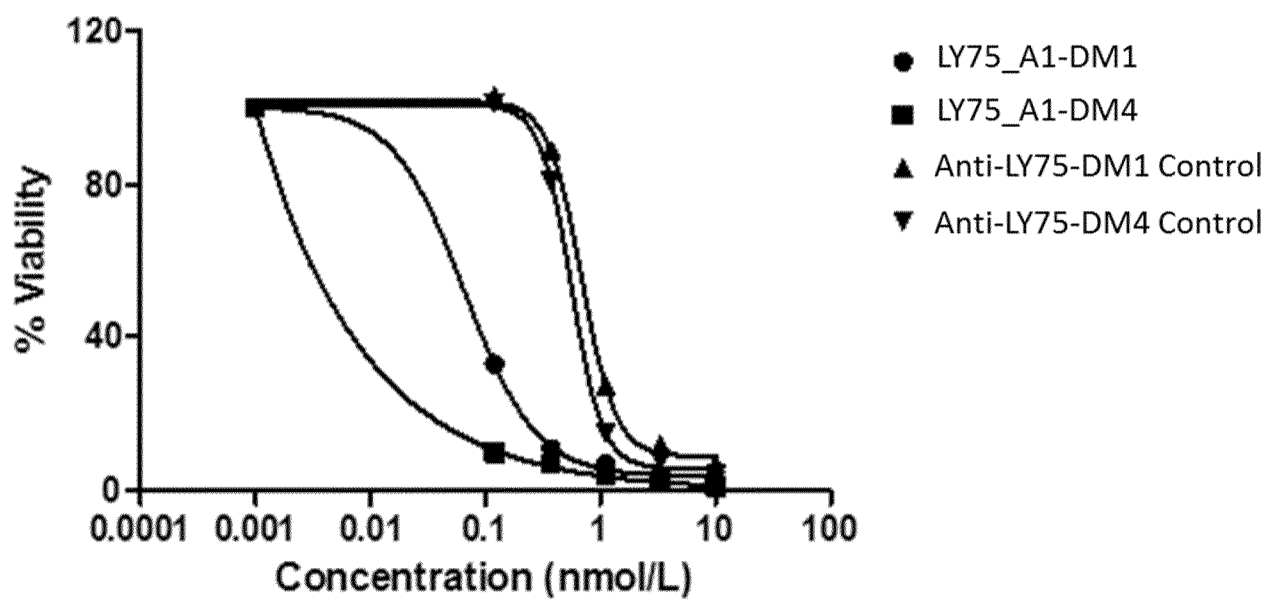


Figure 3e

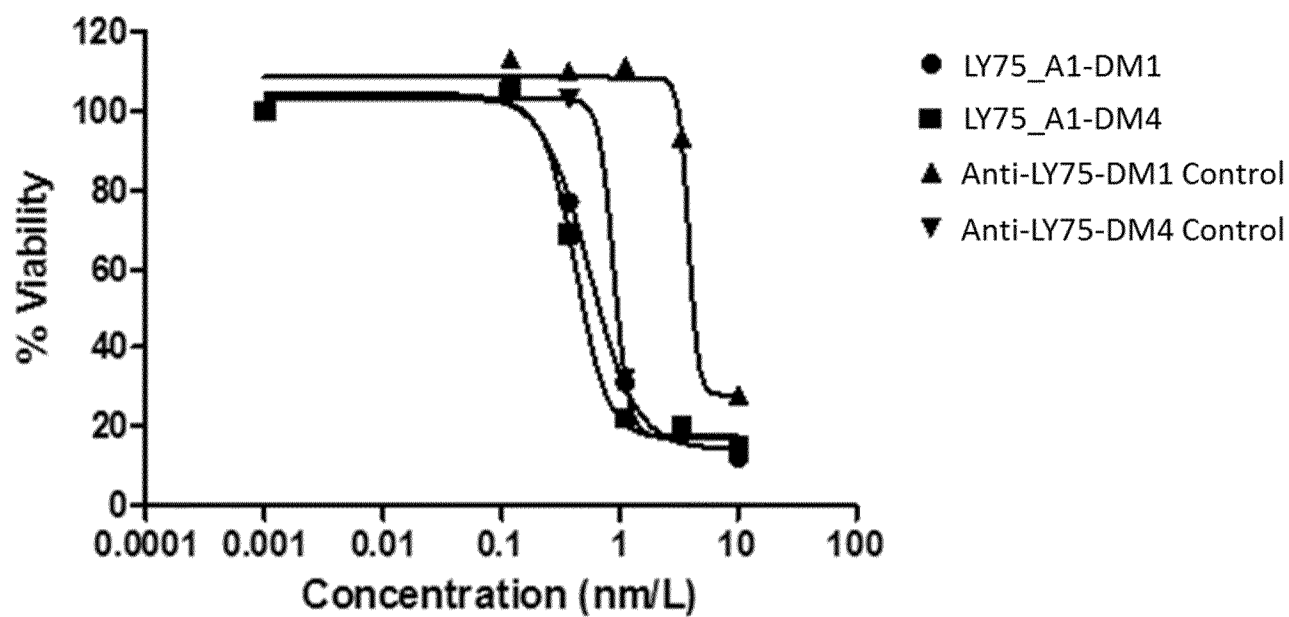


Figure 3f

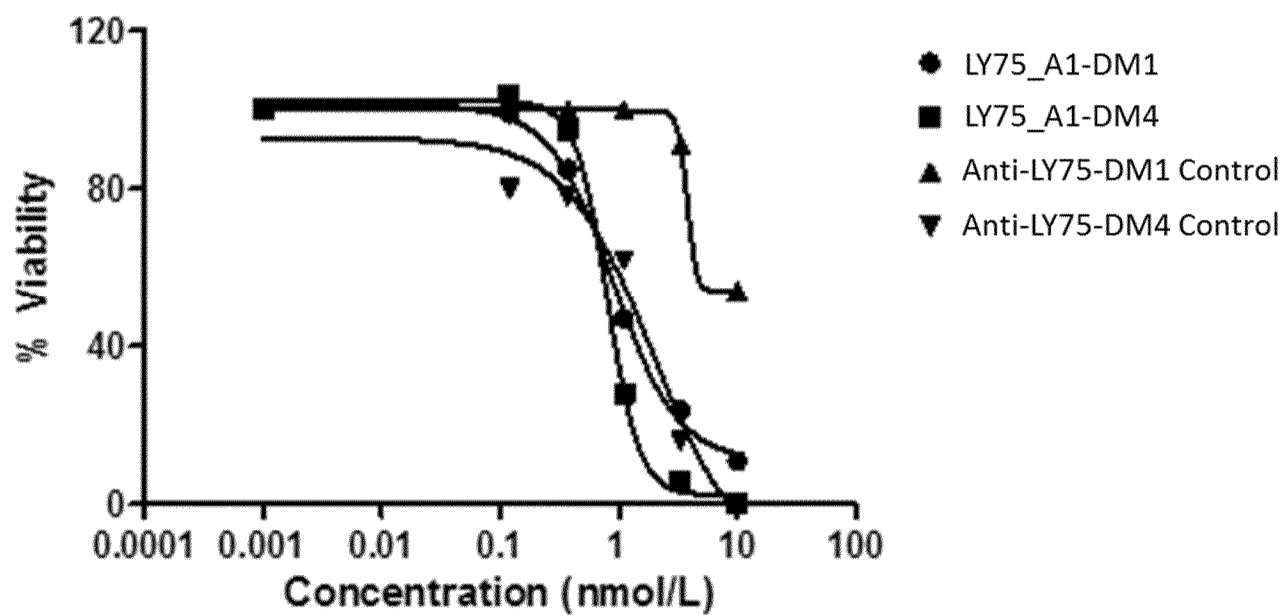


Figure 3g

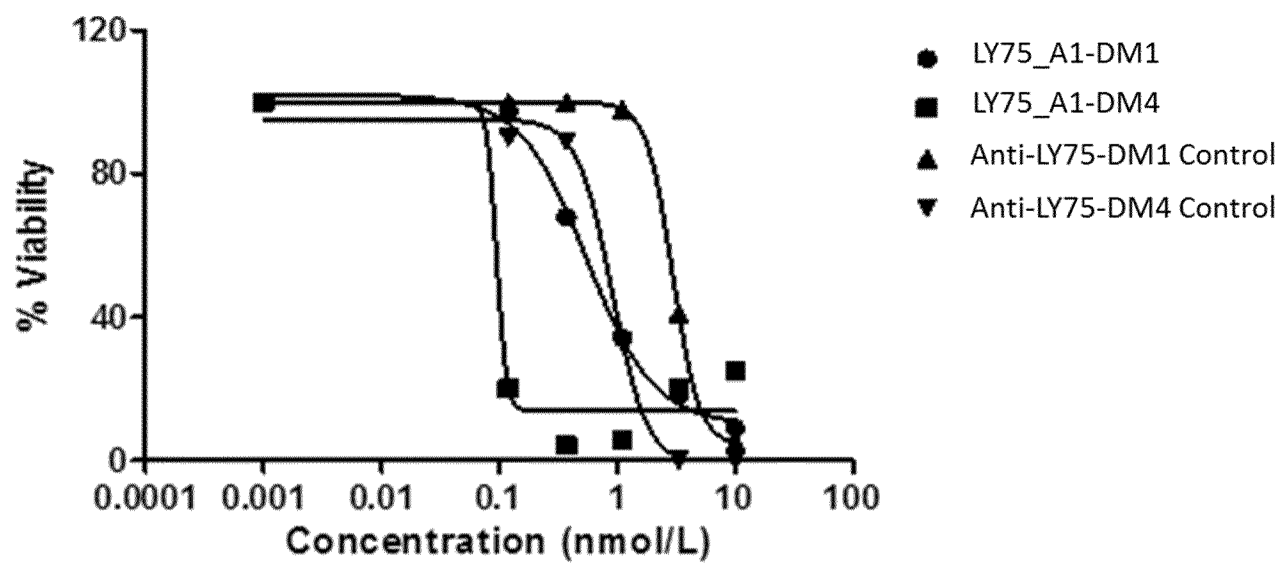


Figure 3h

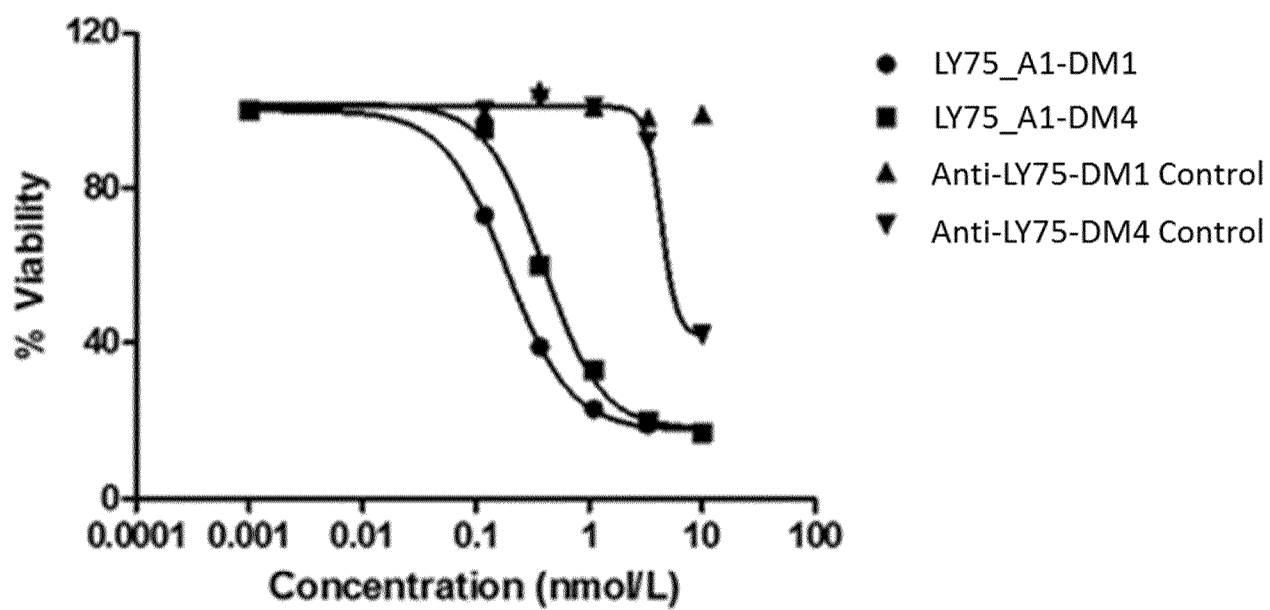


Figure 3i

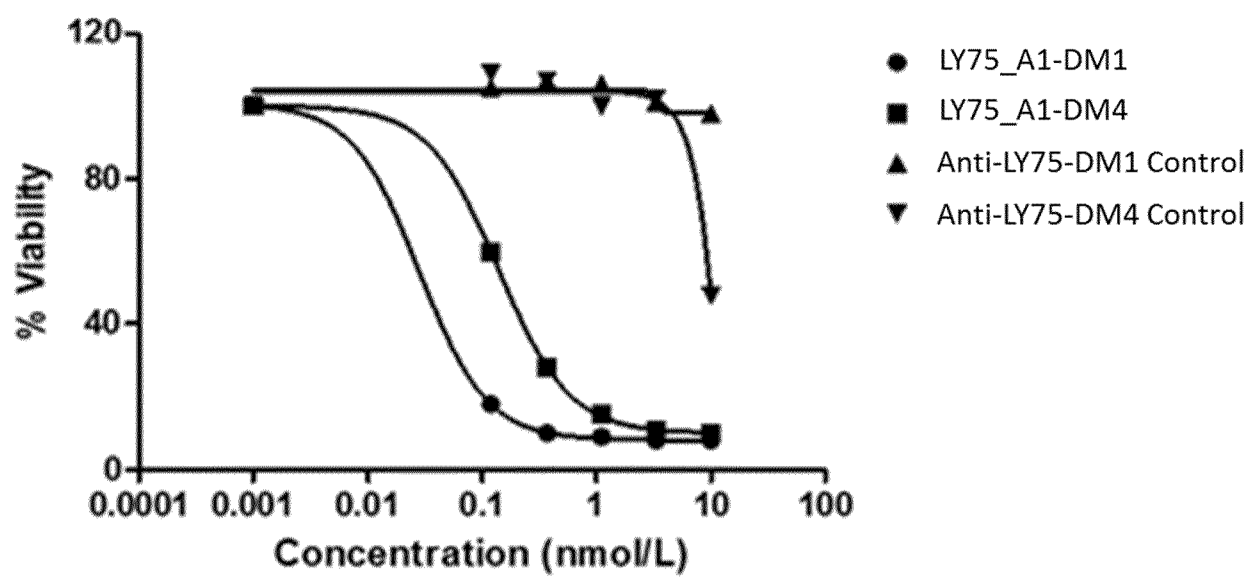


Figure 3j

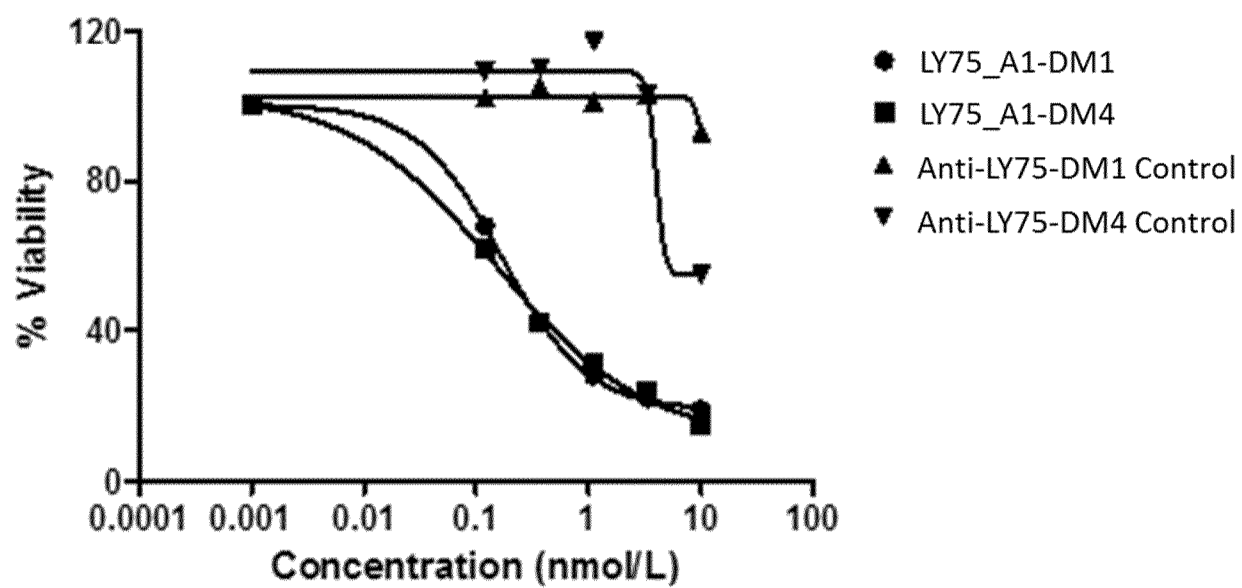


Figure 3k

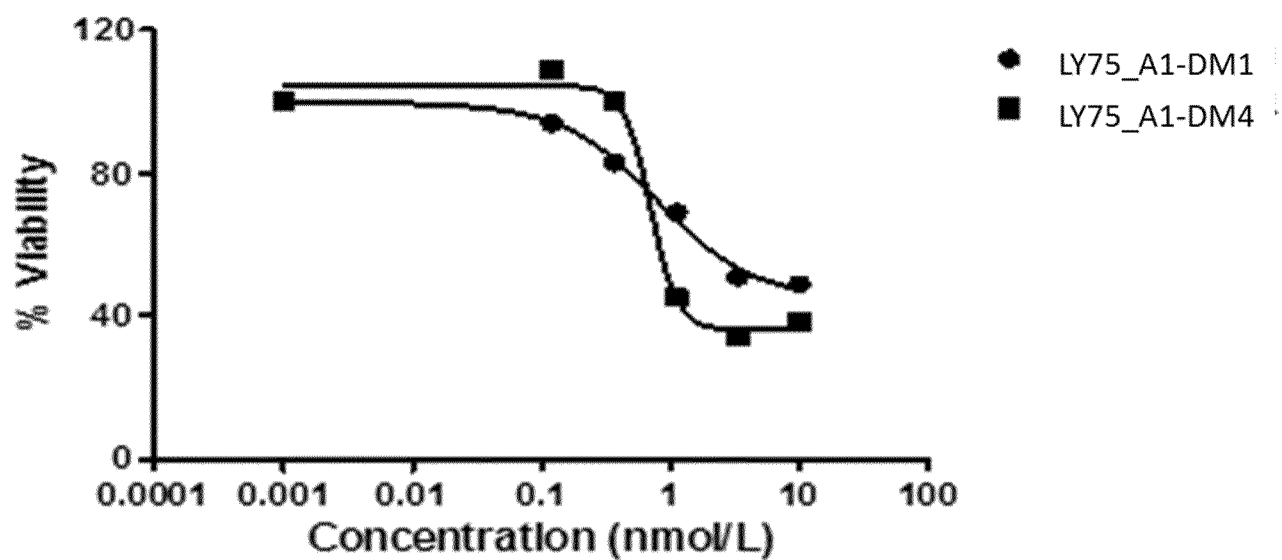


Figure 3l

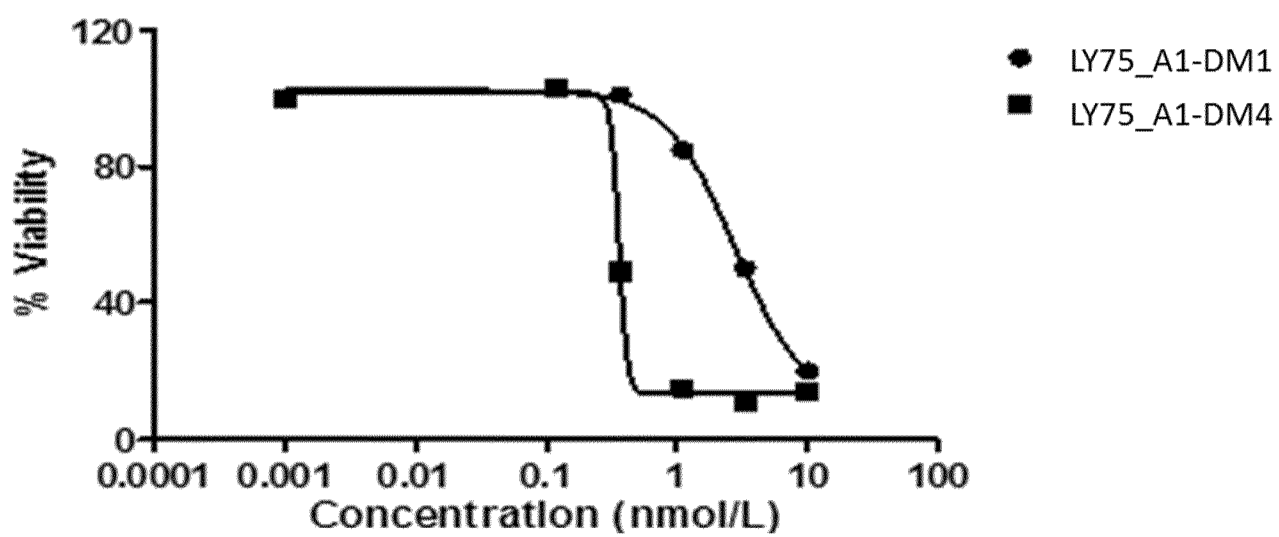


Figure 3m

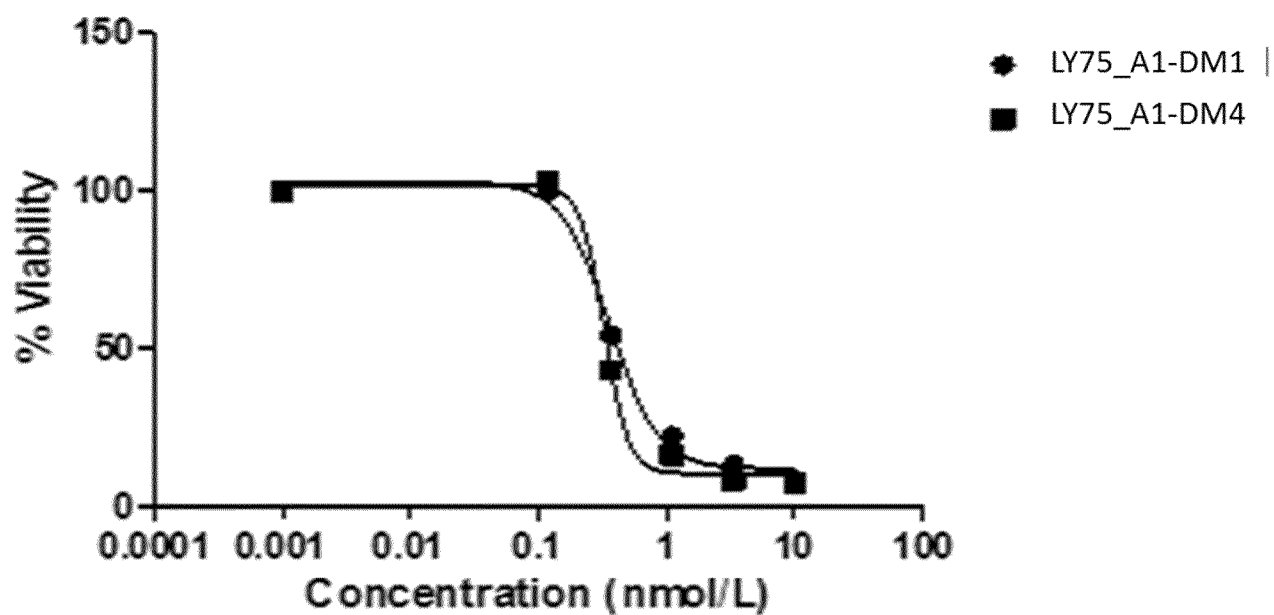


Figure 3n

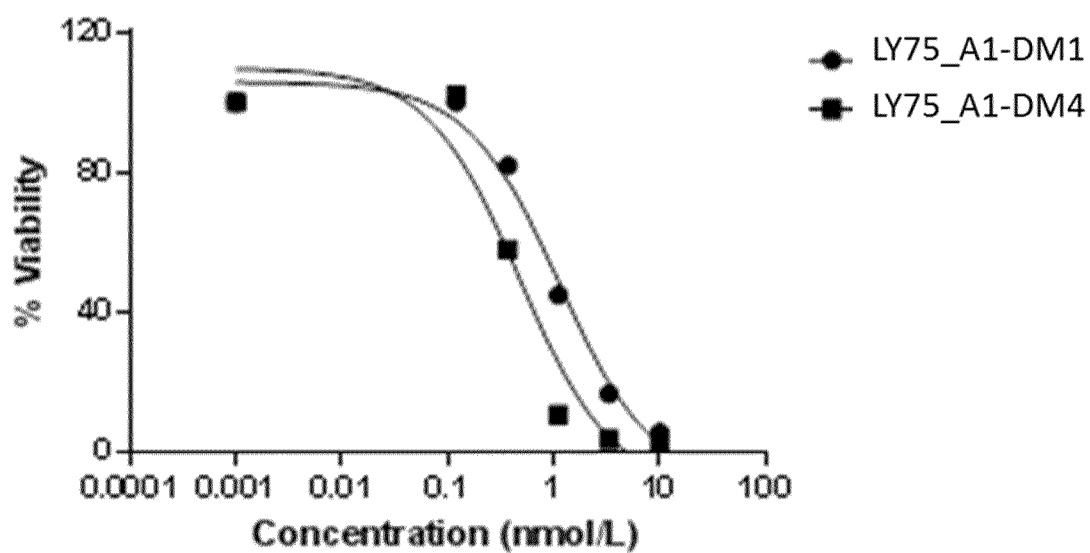


Figure 3o

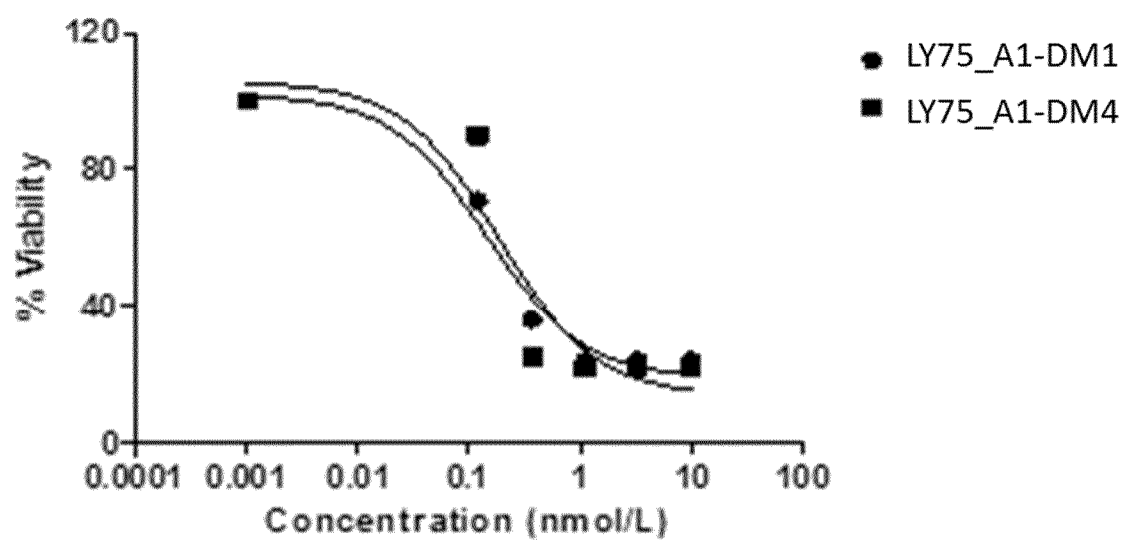


Figure 3p

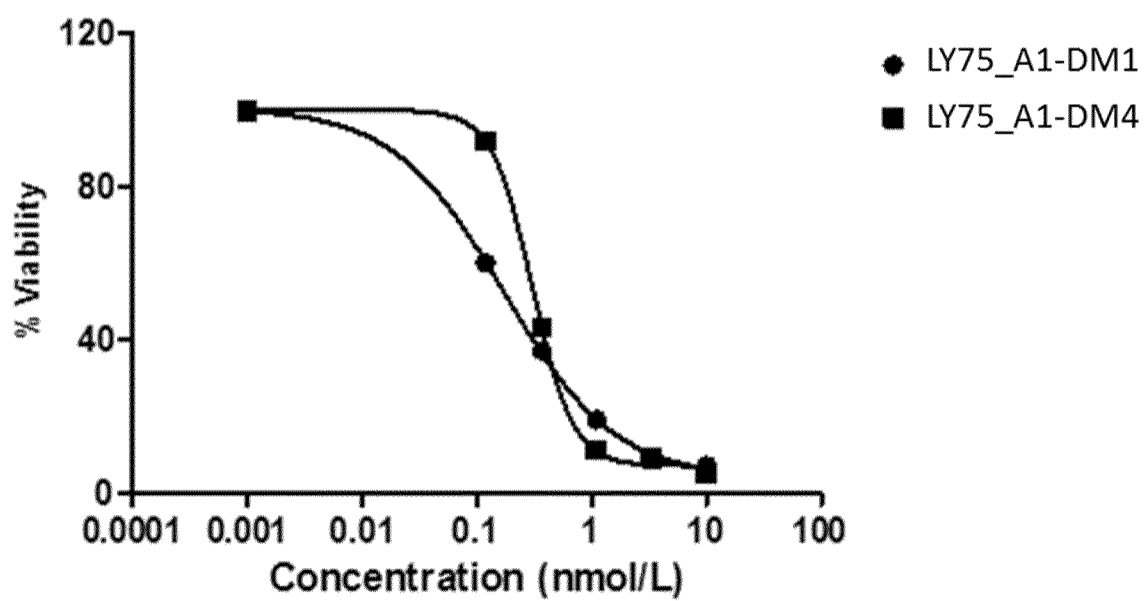


Figure 3q

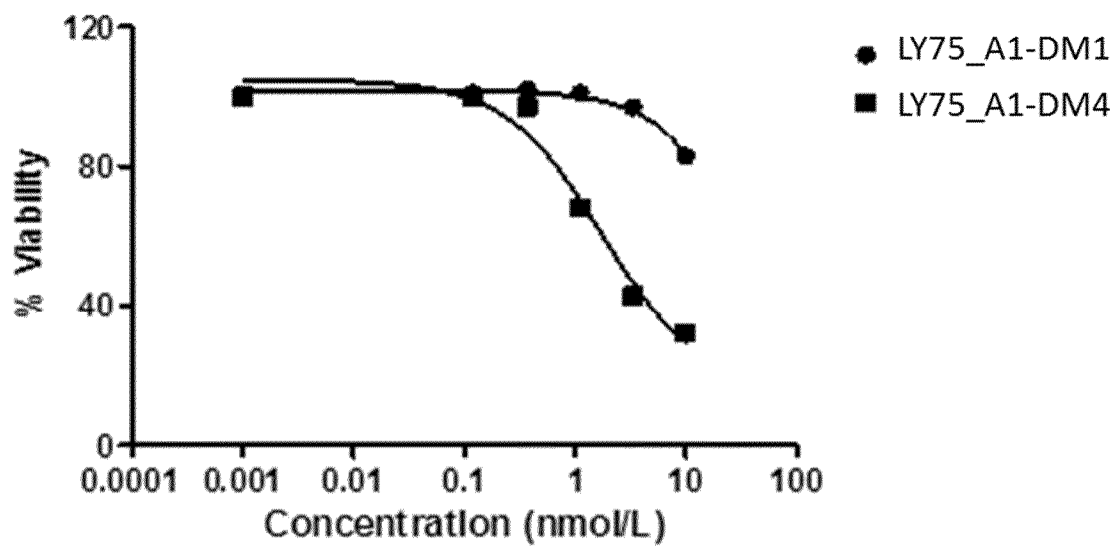


Figure 3r

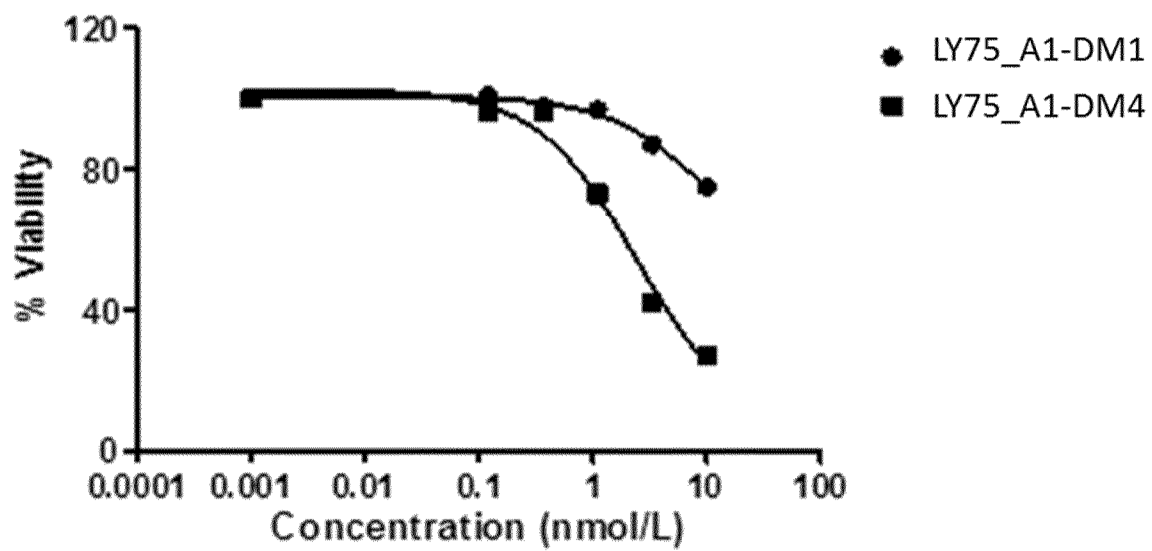


Figure 3s

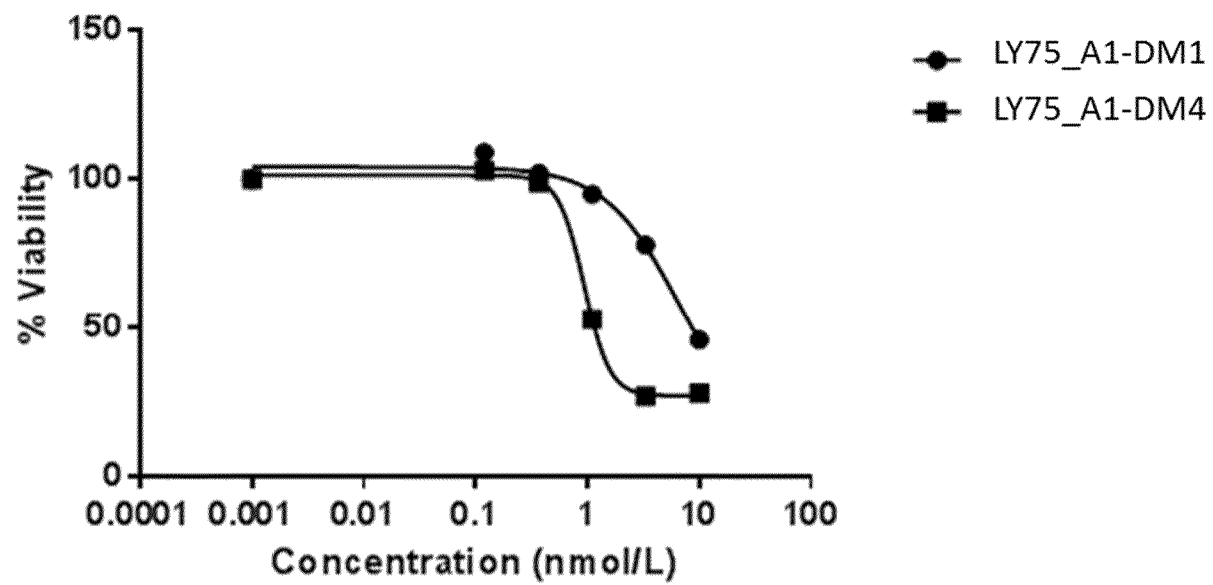


Figure 3t

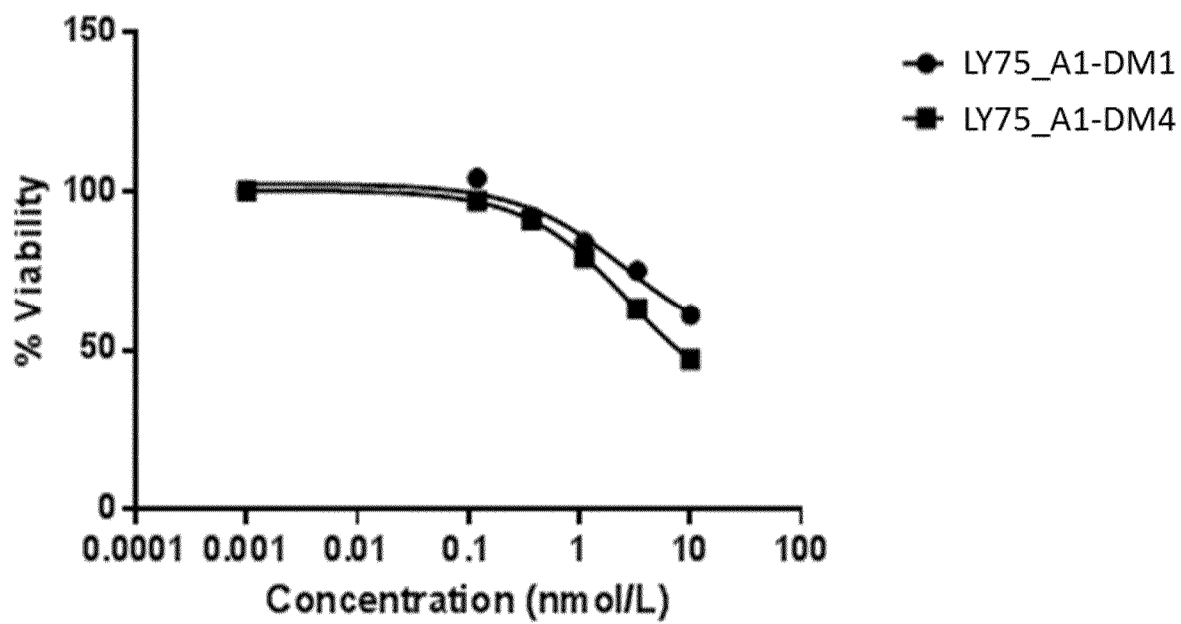


Figure 3u

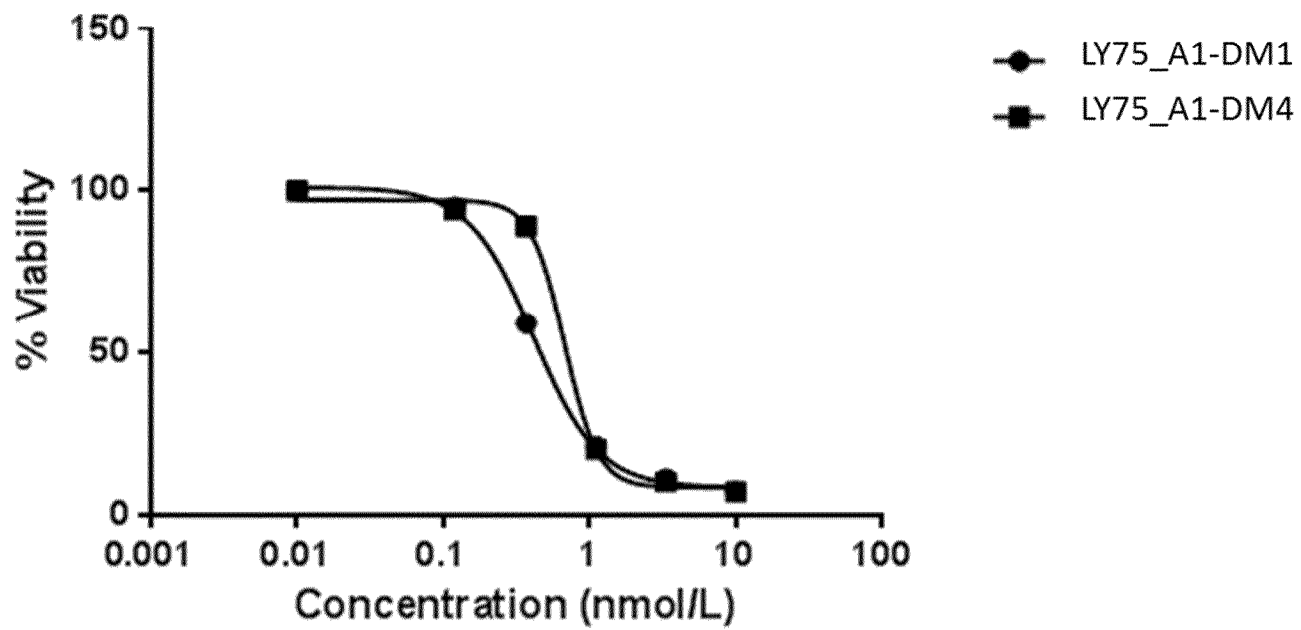


Figure 3v

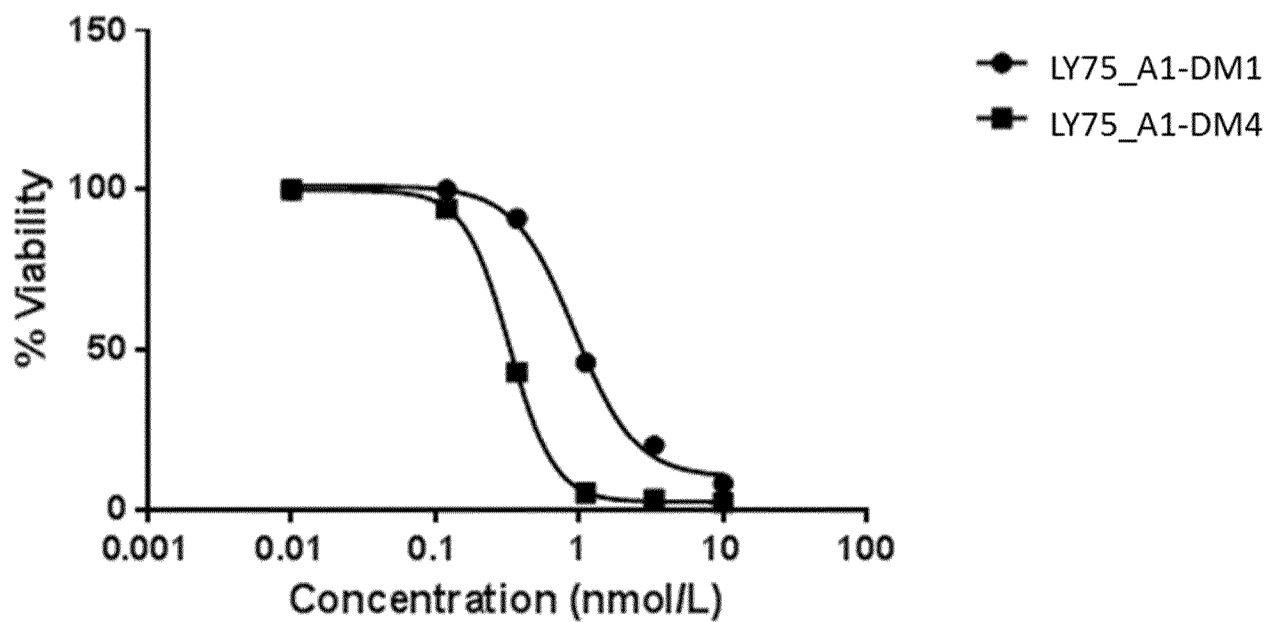


Figure 3w

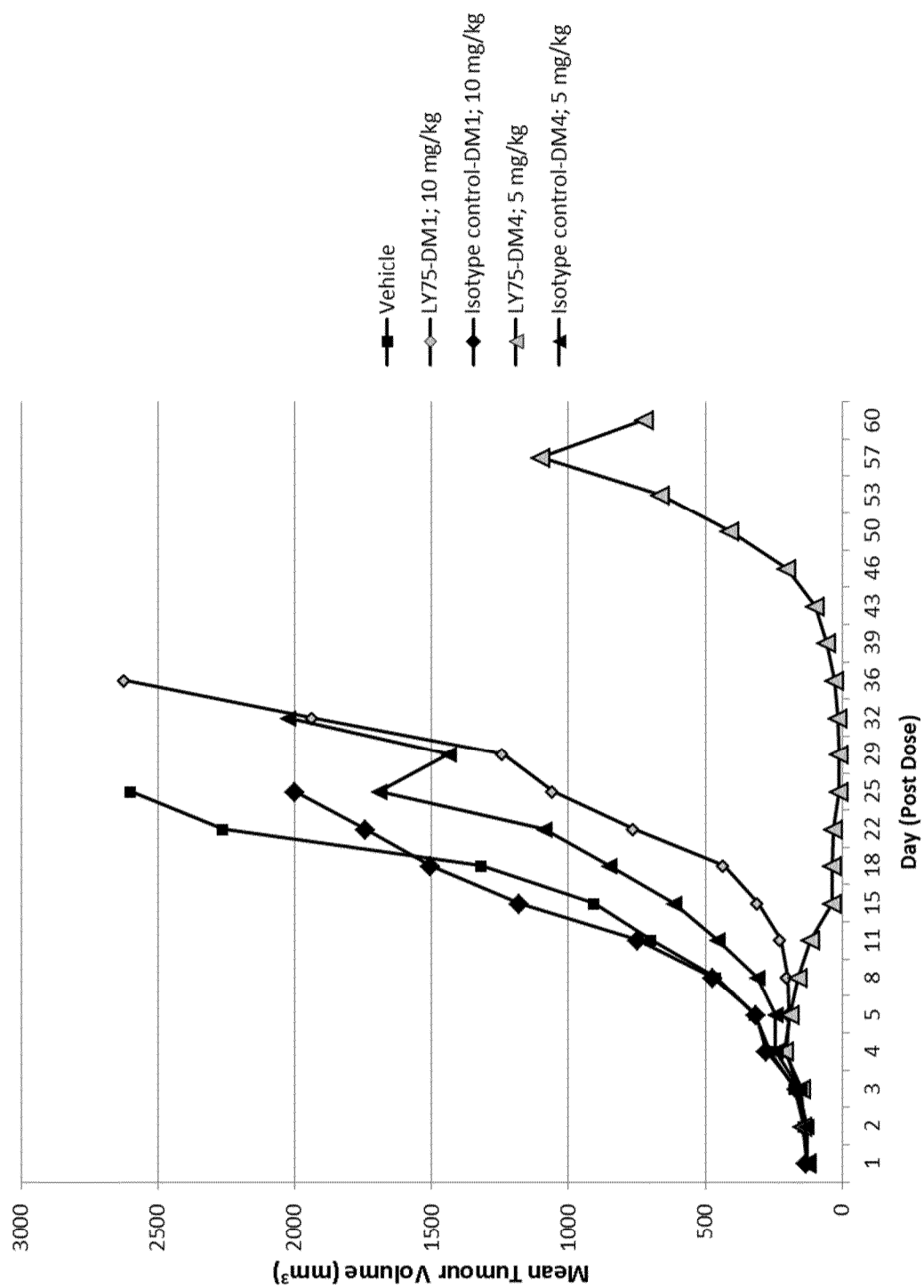


Figure 4a

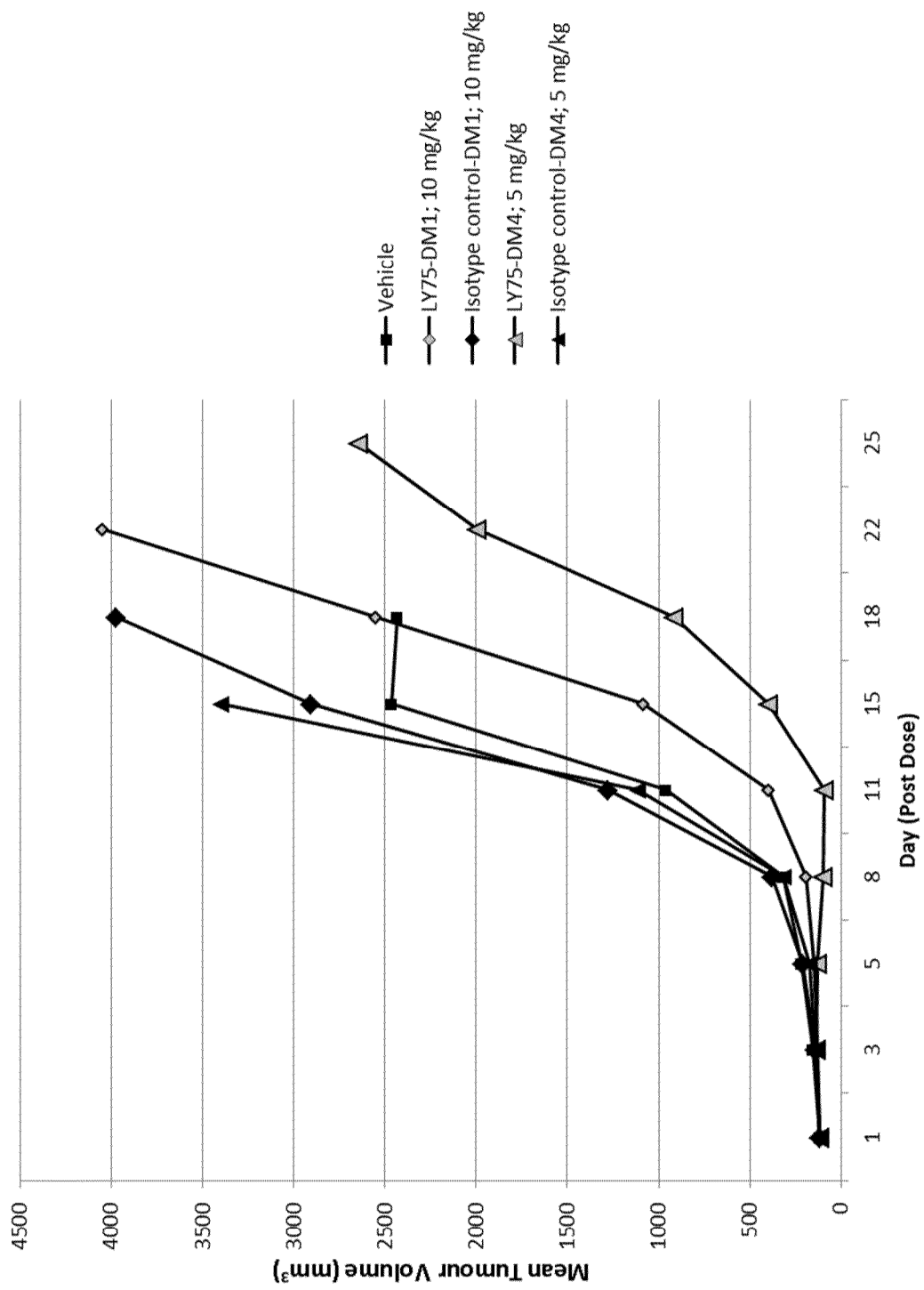


Figure 4b

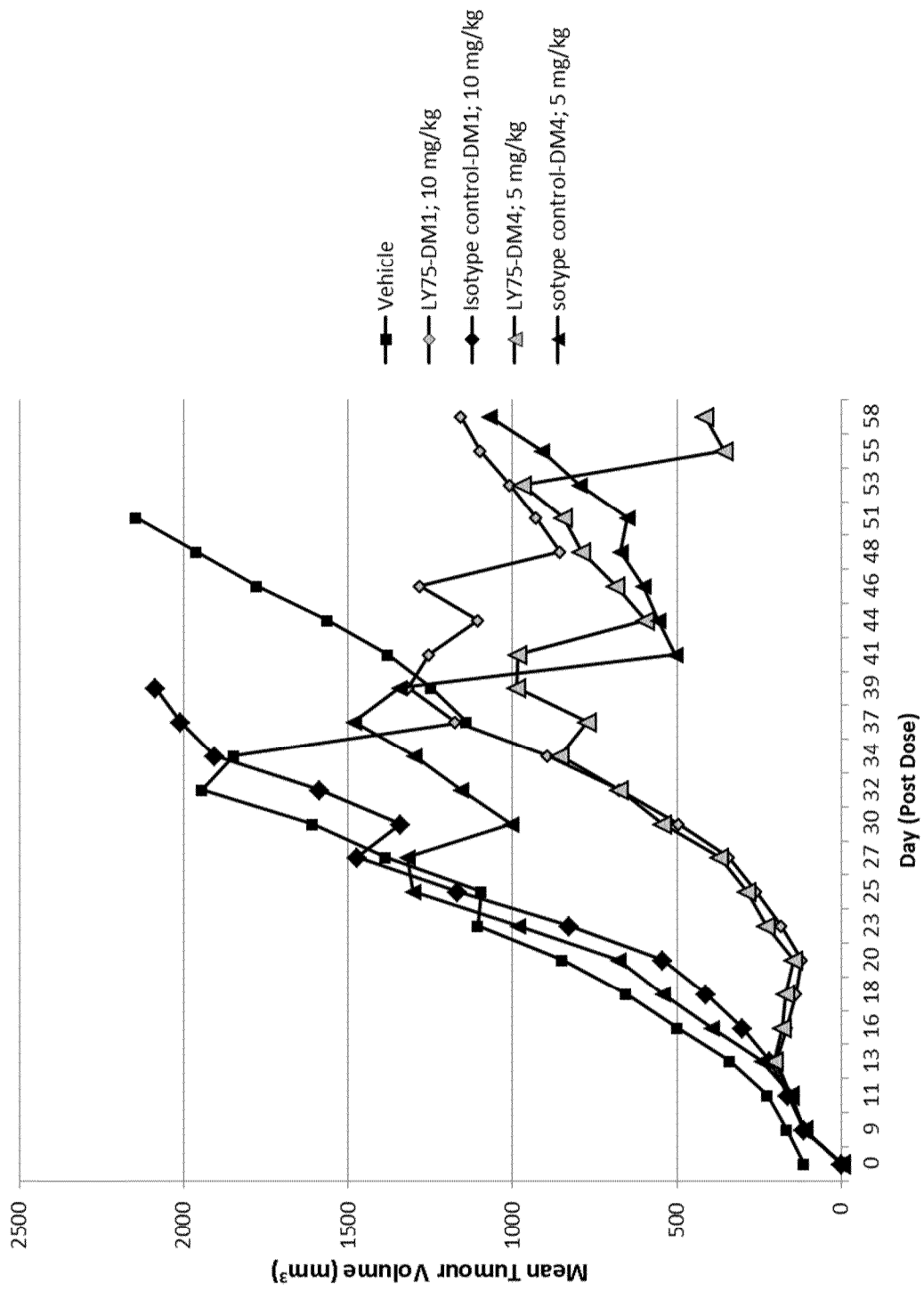


Figure 4c

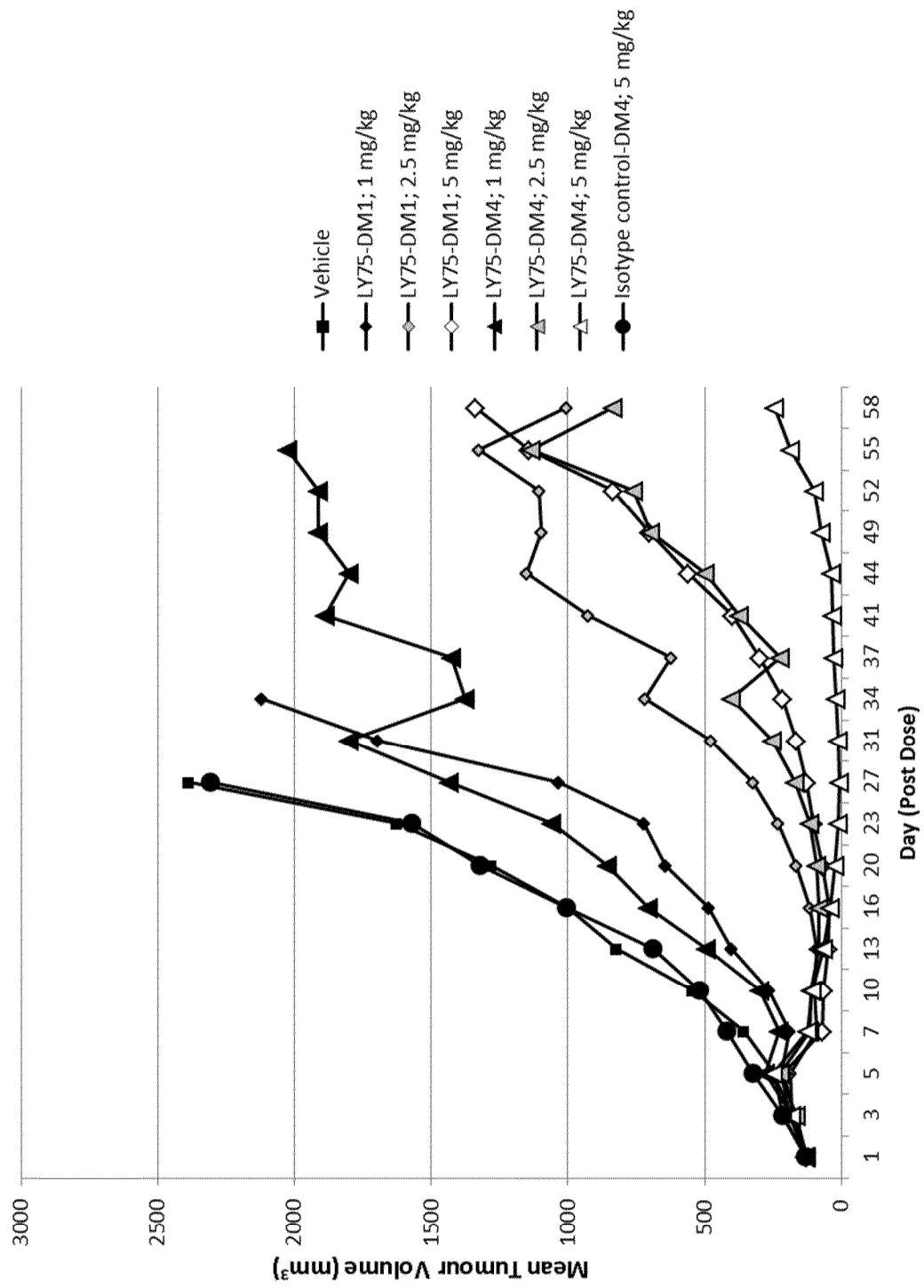


Figure 4d

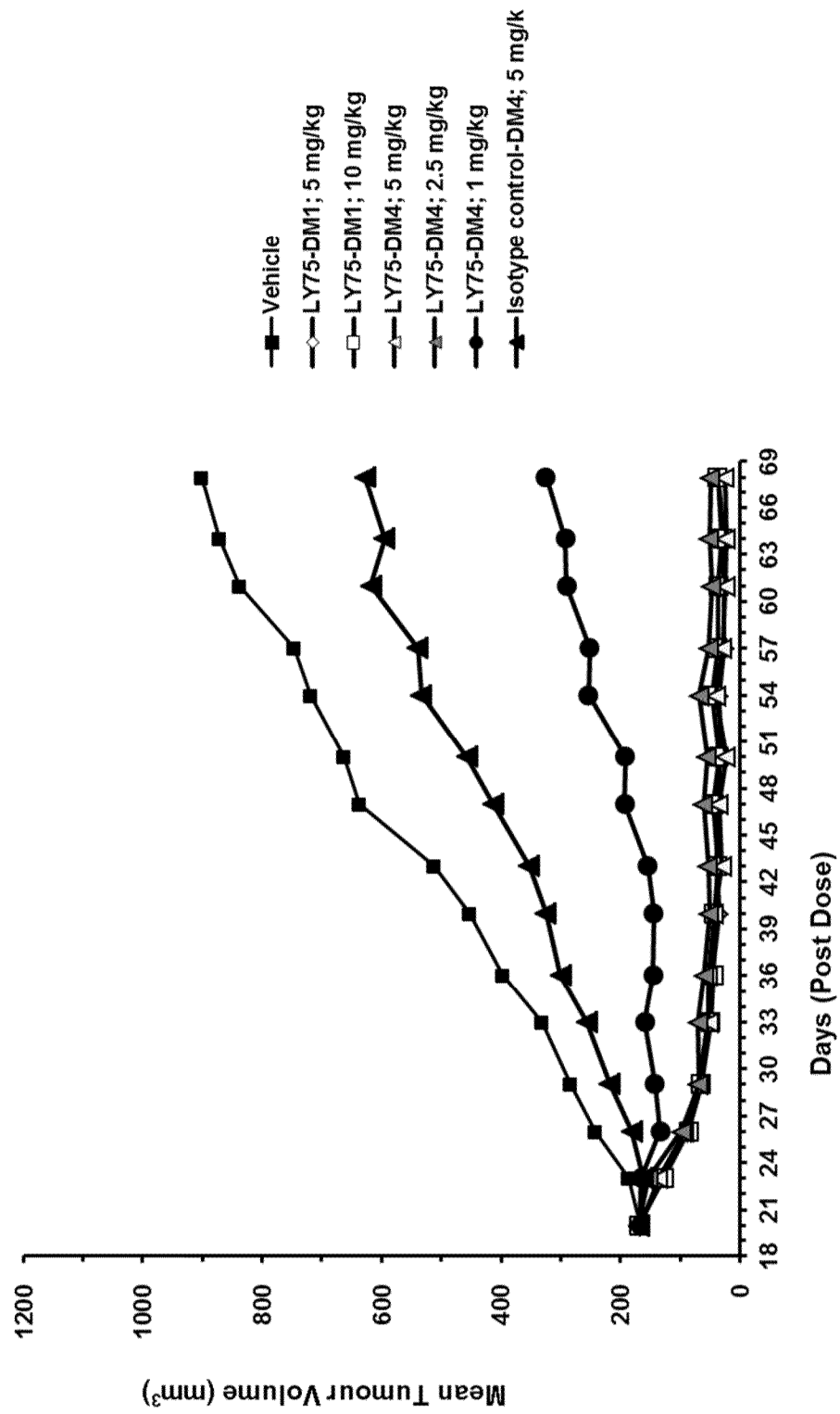


Figure 4e

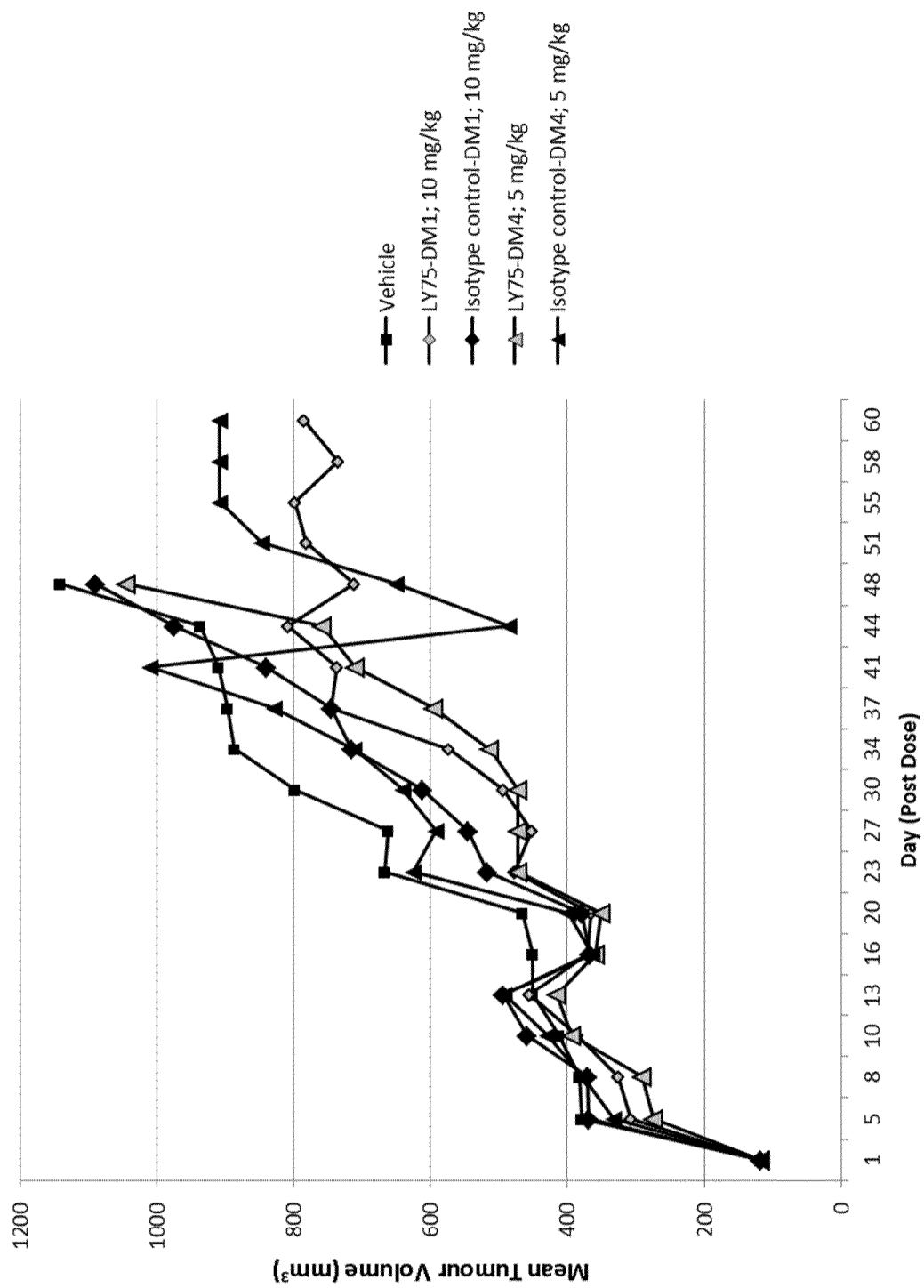


Figure 4f

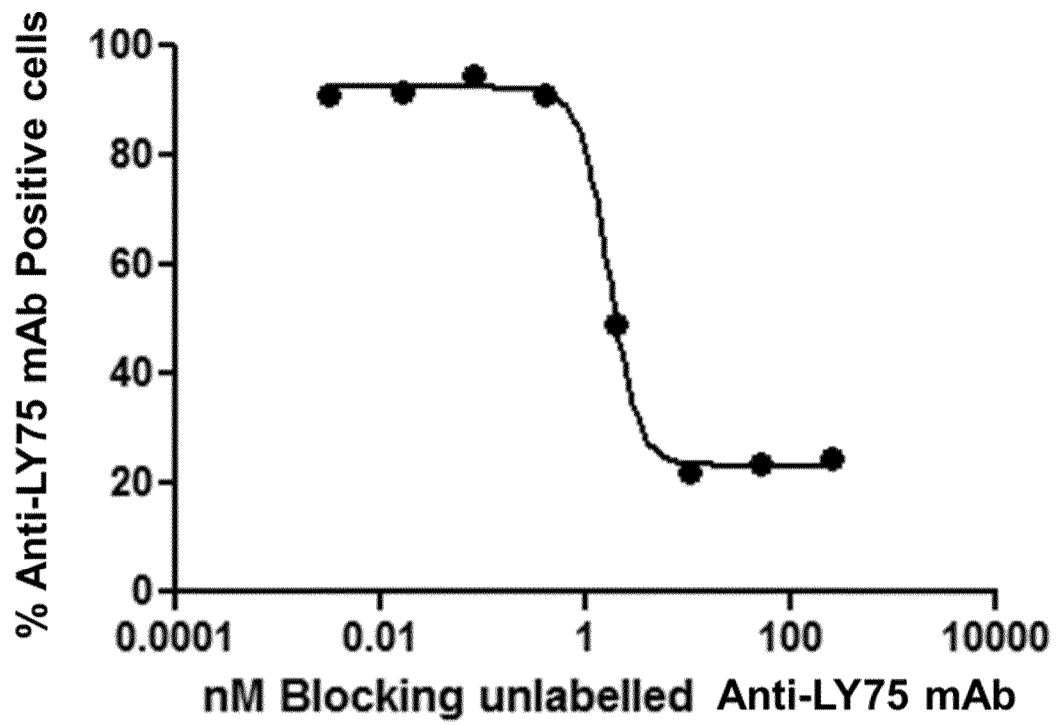


Figure 5a

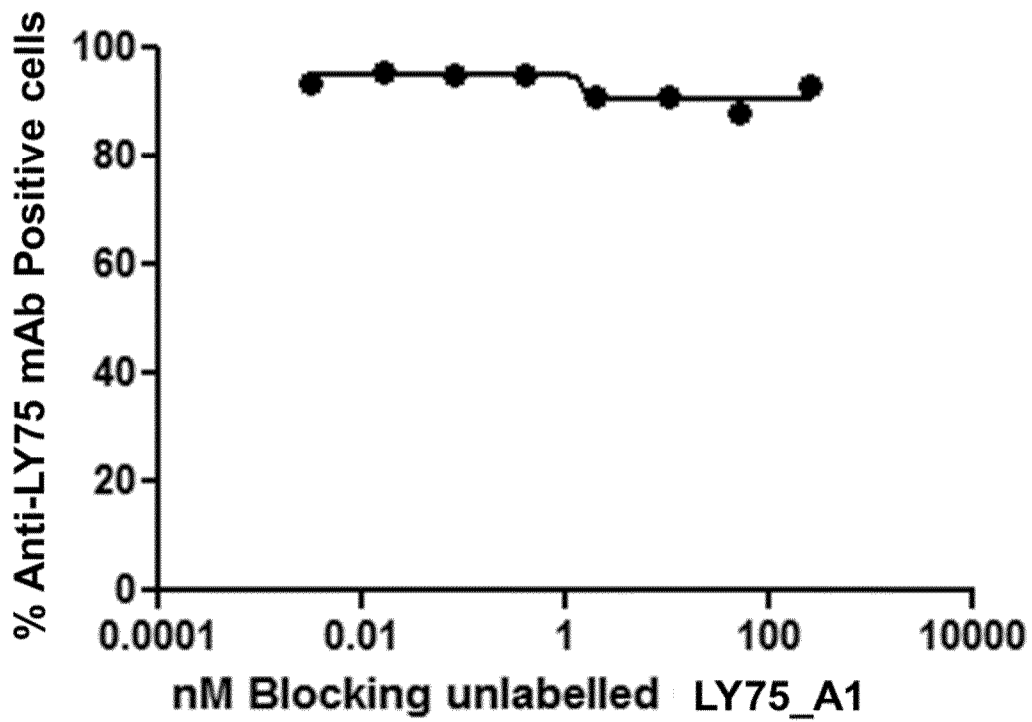


Figure 5b

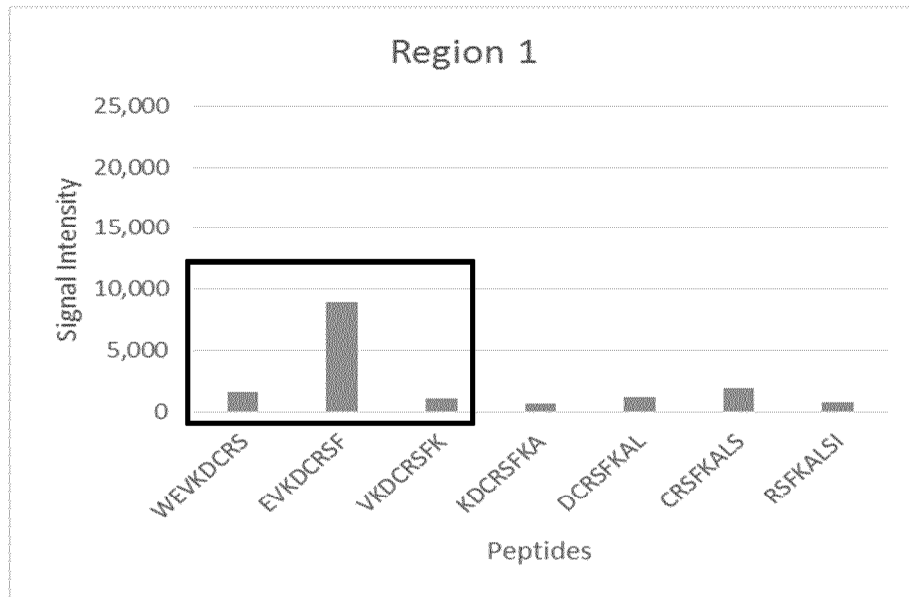


Figure 6a

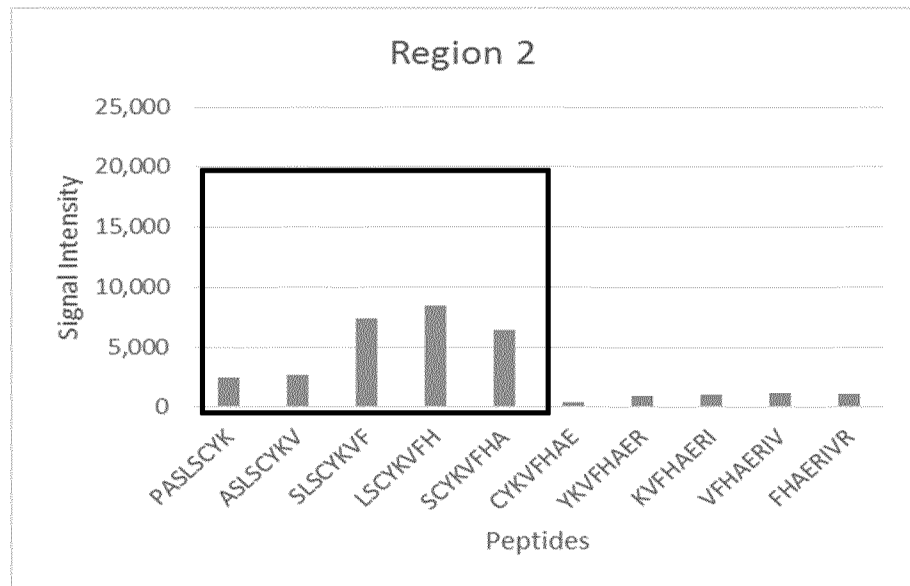


Figure 6b

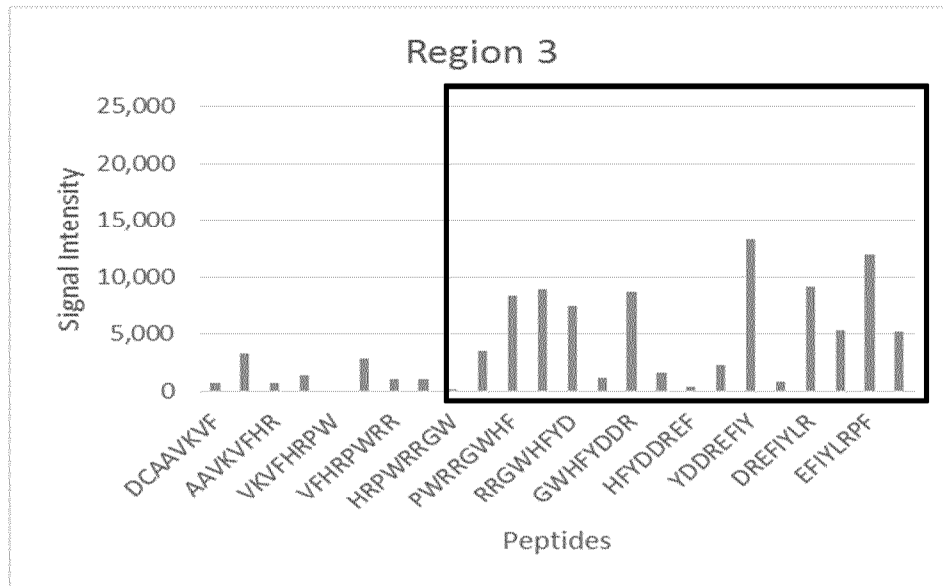


Figure 6c

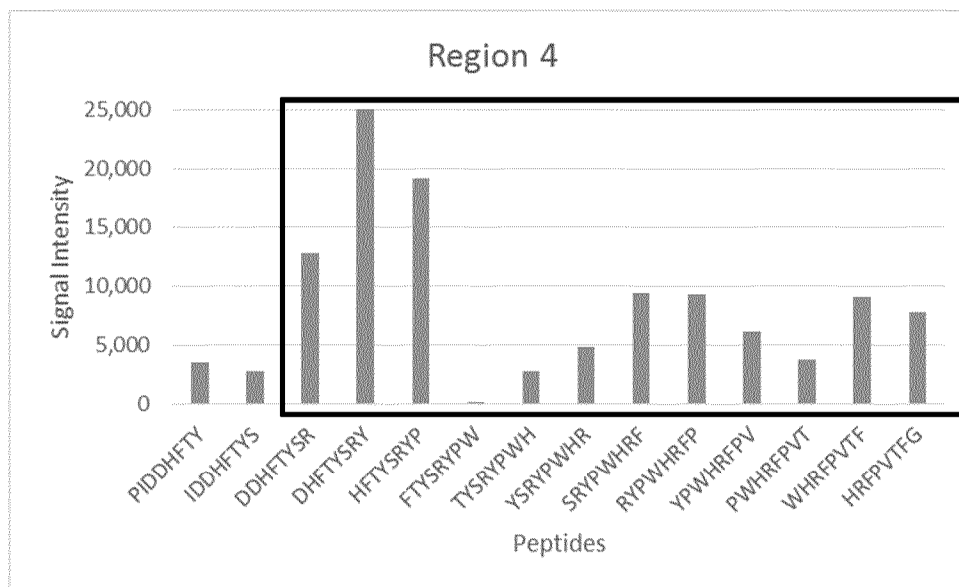


Figure 6d

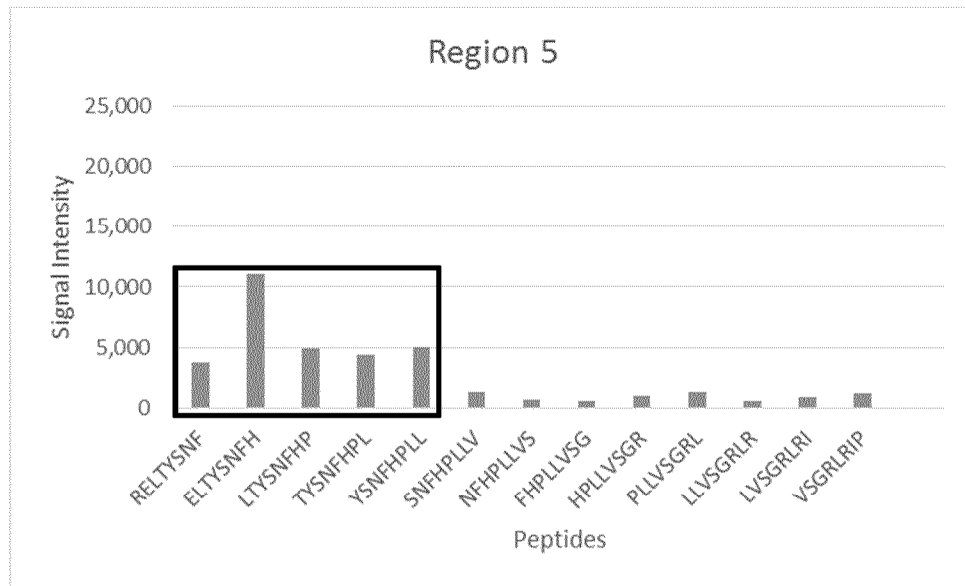


Figure 6e

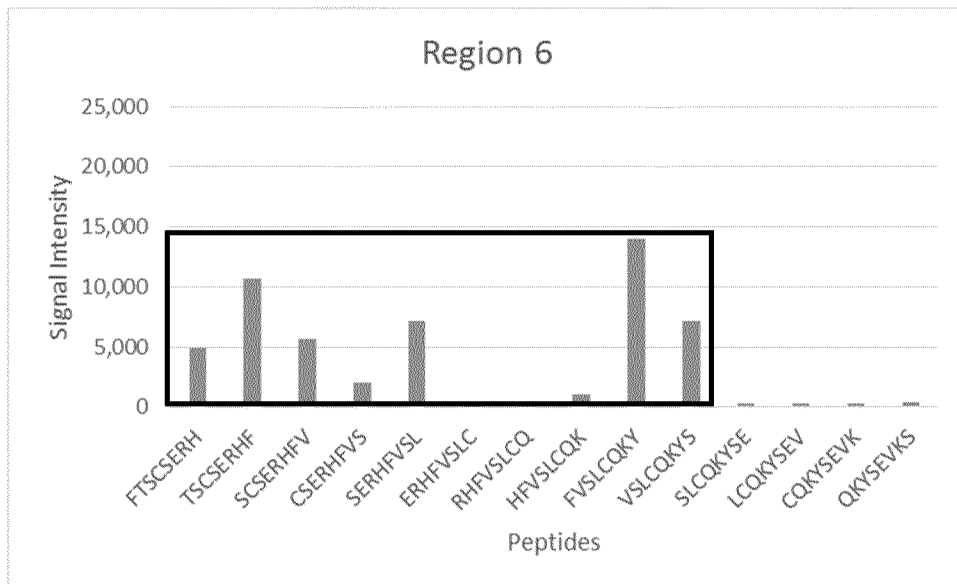


Figure 6f

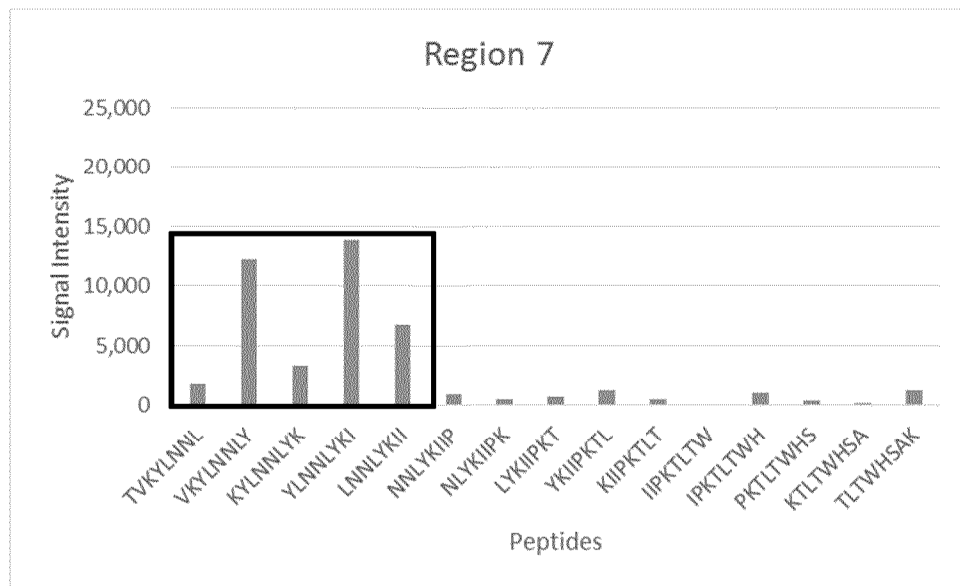


Figure 6g

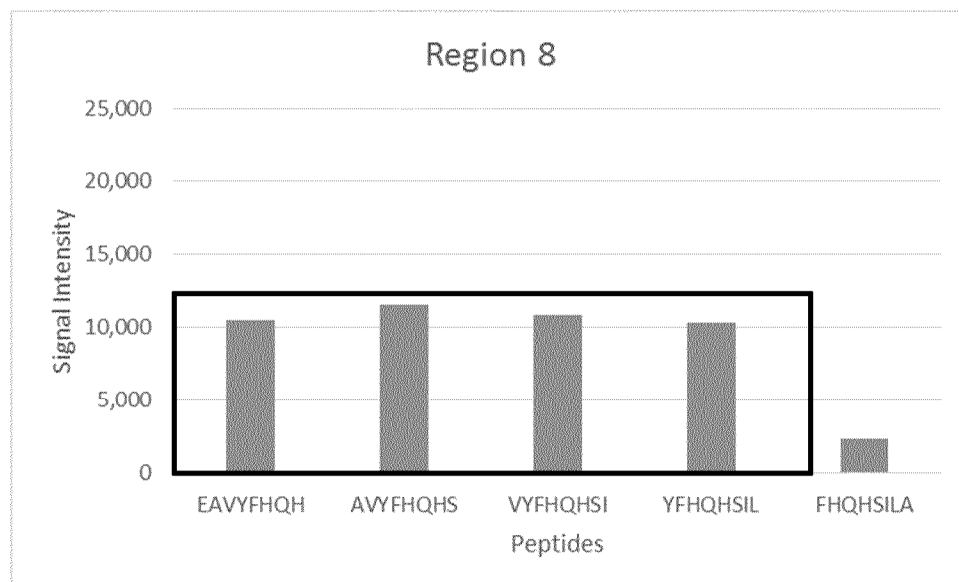


Figure 6h

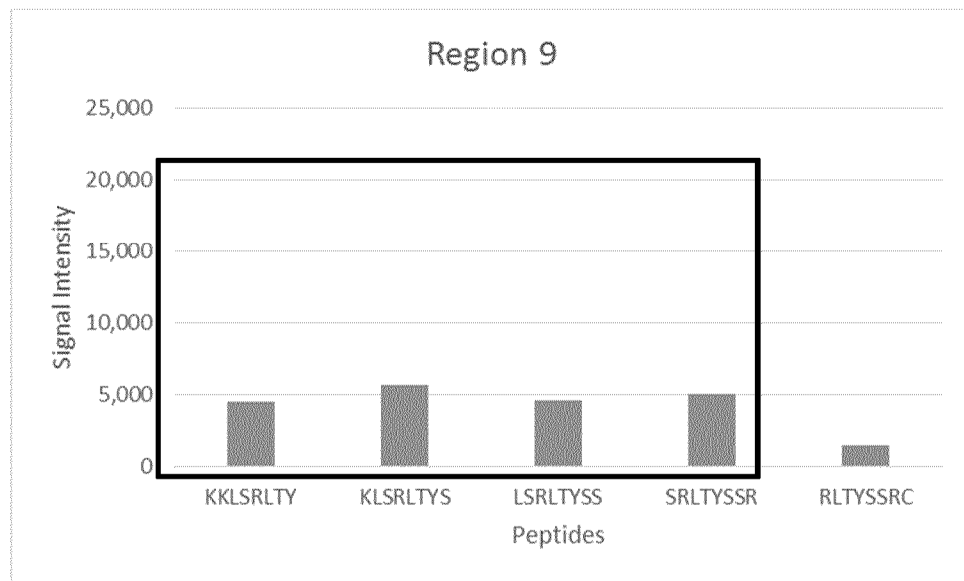


Figure 6i

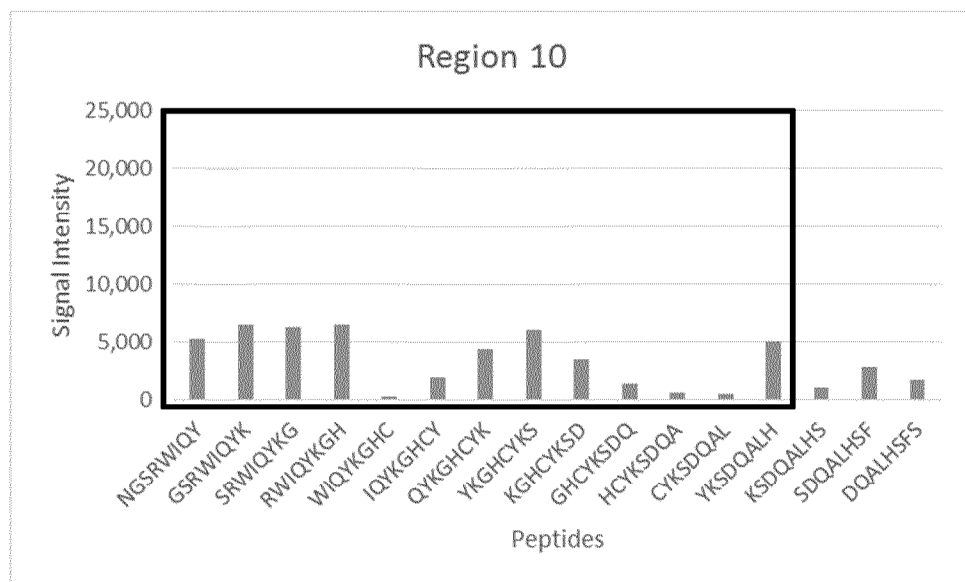


Figure 6j

Figure 7

```
sp|O60449|LY75_HUMAN      MRTGWATPRRPAGLLMLLFWFFDLAEP SGRAANDPFTIVHGNTGKCIKPVYGWIVADDCD  60
MS-Peptides_Elutela      -----CIKPVYGWIVADDCD
MS-Peptides_Elutelb      -----CIKPVYGWIVADDCD
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      ETEDKLWKWVSQHRLFHLHSQKCLGLDITKSVNELRMFSCDSSAMLWWKCEHHSLYGAAR 120
MS-Peptides_Elutela      ETEDKLWK-----CEHHSLYGAAR
MS-Peptides_Elutelb      ETEDKLWK-----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      YRLALKDGHGTAISNASDVWKKGGSEESLCDQPYHEIYTRDGN SYGRPCEFPFLIDGTWH 180
MS-Peptides_Elutela      -----DGHGTAISNASDVWKKGGSEESLCDQPYHEIYTR-----
MS-Peptides_Elutelb      -----KGGSEESLCDQPYHEIYTR-----
MS-Peptides_Elute2a      -----GGSEESLCDQPYHEIYTR-----
MS-Peptides_Elute2b      -----GGSEESLCDQPYHEIYTR-----
LC-Peptides              -----DGHGTAISNASDVWK-----

sp|O60449|LY75_HUMAN      HDCILDEDHSGPWCATTLNYYEYDRKWGICLK PENG CEDNWEKNEQFGSCYQFNTQTALSW 240
MS-Peptides_Elutela      -----
MS-Peptides_Elutelb      -----WGICLK PENG CEDNWEK-----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      KEAYVSCQNQGADLLSINSAAELTYLKEKEGIAKIFWIGLNQLYSARGWEWSDHKPLNFL 300
MS-Peptides_Elutela      -----IFWIGLNQLYSAR-----
MS-Peptides_Elutelb      -----
MS-Peptides_Elute2a      -----IFWIGLNQLYSAR-----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      NWDPRPSAPTIGGSSCARMDAESGLWQSFSC EAQLPYVCRKPLNNTVELTDVWYTS DTR 360
MS-Peptides_Elutela      -----
MS-Peptides_Elutelb      -----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      CDAGWLPNNGFCYLLVNESNSWDKAHAKCKAFSSDLISIHSLADVEVVVTKLHNEDIKEE 420
MS-Peptides_Elutela      -----LHNEDIKEE
MS-Peptides_Elutelb      -----LHNEDIKEE
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      VWIGLKNINIPTLFQWSDGTEVTLT YWDENEPNVYPNKT PNCVSYLGELGQWKVQSCEEK 480
MS-Peptides_Elutela      VWIGLK-----TPNCVSYLGELGQWK-----
MS-Peptides_Elutelb      VWIGLK-----TPNCVSYLGELGQWK-----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----
```

```
sp|O60449|LY75_HUMAN      LKYVCKRKGEKLNDASSDKMCPDEGWKRHGETCYKIYEDEVPFGTNCNLTITSRFEQ EY  540
MS-Peptides_Elutela      -----
MS-Peptides_Elutelb      -----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      LNDLMKKYDKSLRKYFWTGLRDVDSCGEYNWATVGRRRAVTFSNWNFLEPASPGGC VAM  600
MS-Peptides_Elutela      -----YFWTGLRDVDSCGEYNWATVGGR-----
MS-Peptides_Elutelb      -----YFWTGLRDVDSCGEYNWATVGGR-----
MS-Peptides_Elute2a      -----YFWTGLRDVDSCGEYNWATVGGR-----
MS-Peptides_Elute2b      -----YFWTGLRDVDSCGEYNWATVGGR-----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      STGKSVGKWEVKDCRSFKALSICKKMSGPLGPPEEASPKPDDPCPEGWQSFPA SLCYKVF  660
MS-Peptides_Elutela      ----SVGKWEVKDCR--ALSICKK-----
MS-Peptides_Elutelb      -----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----WEVKDCRSFK-----PASLS CYKVF

sp|O60449|LY75_HUMAN      HAERIVRKRNWEEAERFCQALGAHLSSFSHVDEIKEFLHFLTDQFSGQH WLI GLNKRSP  720
MS-Peptides_Elutela      -----RNWEEAER-----RSP
MS-Peptides_Elutelb      -----RNWEEAER-----RSP
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              HA-----

sp|O60449|LY75_HUMAN      DLQGSWQWSDRTPVSTIIMPNEFQQDYDIRDCAAVKVFHRPWRRGW H F Y D D R E F I Y L R P F  780
MS-Peptides_Elutela      -----TPVSTIIMPNEFQQDYDIR-----
MS-Peptides_Elutelb      DLQGSWQWSDRTPVSTIIMPNEFQQDYDIR-----
MS-Peptides_Elute2a      -----GW H F Y D D R-----
MS-Peptides_Elute2b      -----
LC-Peptides              -----PWRRGW H F Y D D R E F I Y L R P F

sp|O60449|LY75_HUMAN      ACDTKLEWVCQIPKGRTPKTPDWYNPDRAGIHGPPLIIEGSEYWFVADLHL N Y E E A V L Y C  840
MS-Peptides_Elutela      -----
MS-Peptides_Elutelb      -----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----

sp|O60449|LY75_HUMAN      ASNHSFLATITSFVGLKAIKNKIANISGDGQKWWIRISEWPI DDHFTYSRYP WHRFPVTF  900
MS-Peptides_Elutela      -----ISEWPI DDHFTYSR -----FPVTF
MS-Peptides_Elutelb      -----ISEWPI DDHFTYSR -----
MS-Peptides_Elute2a      -----
MS-Peptides_Elute2b      -----
LC-Peptides              -----DDHFTYSRYP WHRFPVTF
                                *****

sp|O60449|LY75_HUMAN      GEECLYMSAKTWLIDL GKPTDCSTKLPFICEKYNVSSLEK Y S P D S A A K V Q C S E Q W I P F Q N  960
MS-Peptides_Elutela      GEECLYMSAKTWLIDL GKPTDCSTK-----YNVSSLEK-----VQCSEQWIPFQN
MS-Peptides_Elutelb      -----TWLIDL GKPTDCSTK-----YNVSSLEK-----VQCSEQWIPFQN
MS-Peptides_Elute2a      -----TWLIDL GKPTDCSTK-----
MS-Peptides_Elute2b      -----TWLIDL GKPTDCSTK-----
LC-Peptides              G-----

sp|O60449|LY75_HUMAN      KCFLKIKPVSLTFSQASDTCHSYGGTLPVLSQIEQDFITSLLPDMEATLWIGLR WTAYE  1020
MS-Peptides_Elutela      -----
```

```
MS-Peptides_Elute1b -----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----

sp|060449|LY75_HUMAN KINKWTDNRELTYSNHFHPLLVSGLRIRIPENFFEEESRYHCALILNLQKSPFTGTWN[ETSC] 1080
MS-Peptides_Elute1a K-----ELTYSNHFHPLLVSGLRIRIPENFFEEESRYHCALILNLQK-----
MS-Peptides_Elute1b K-----YHCALILNLQK-----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----RELTYSNHFHPLL-----[ETSC]

sp|060449|LY75_HUMAN [SERH FVSLCQK]YSEVKS RQTLQNASE[TVKYLNNLYKII]PKTLTWHS AKRECLKSNMQLVS 1140
MS-Peptides_Elute1a ---[HFVSLCQK]-----QTLQNASE[TVK]-----TLTWHS AK-----
MS-Peptides_Elute1b ---[HFVSLCQK]-----QTLQNASE[TVK]-----TLTWHS AK-----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides [SERH FVSLCQKYS]-----[TVKYLNNLYKII]-----
***** ***

sp|060449|LY75_HUMAN ITDPYQQAFLSVQALLHNSSLWIGLFSQDDELNFGWSDGKRLHFSRWAETNGQLEDCVVL 1200
MS-Peptides_Elute1a -----
MS-Peptides_Elute1b -----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----

sp|060449|LY75_HUMAN DTDGFWKTVDCNDNQPGAICYSGNETEKEVKPVDSVKCPSPVLNTPWIPFQNCYNFII 1260
MS-Peptides_Elute1a -----
MS-Peptides_Elute1b -----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----

sp|060449|LY75_HUMAN TKNRHMAT TQDEVHTK CQKLNPKSHILSIRDEKENNFVLEQLLYFN YMASWVMLGITYRN 1320
MS-Peptides_Elute1a ---SHILSIR-----
MS-Peptides_Elute1b --NRHMAT TQDEVHTK-----SHILSIR-----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----

sp|060449|LY75_HUMAN KSLMWFDK TPLSYTHWRAGRPTIKNEKFLAGLSTDGFWDIQTFKVIEEAVYFHQHSILAC 1380
MS-Peptides_Elute1a -SLMWFDK TPLSYTHWR-----
MS-Peptides_Elute1b -SLMWFDK-----
MS-Peptides_Elute2a -SLMWFDK-----
MS-Peptides_Elute2b -----
LC-Peptides -----EAVYFHQHSIL--

sp|060449|LY75_HUMAN KIEMVDYKEEYNTTLPQFMPYEDGIYSVIQKKVTWYEALNMCSQSGGHLASVHNQNGQLF 1440
MS-Peptides_Elute1a -----
MS-Peptides_Elute1b -----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----

sp|060449|LY75_HUMAN LEDIVKRDGFPLWVGLSSHDGSESSF EWSDGSTFDYIPWKQTSPGNCVLLDPKGTWKHE 1500
MS-Peptides_Elute1a -----
MS-Peptides_Elute1b -----
MS-Peptides_Elute2a -----
MS-Peptides_Elute2b -----
LC-Peptides -----
```

sp O60449 LY75_HUMAN	KCNSVKDGAICYKPTKSKKLSRLTYSSRCFAAKENGSRWIQYKGHCYKSDQALHSFSEAK	1560
MS-Peptides_Elutela	-----	
MS-Peptides_Elutelb	-----	
MS-Peptides_Elute2a	-----	
MS-Peptides_Elute2b	-----	
LC-Peptides	-----KKLSRLTYSS-C-----NGSRWIQYKGHCYKSDQALH-----	

sp O60449 LY75_HUMAN	KLCSKHDHSATIVSIKDEDEDENKFVSRLMRENNNITMRVWLGLSQHSVDQSWSWLDGSEVT	1620
MS-Peptides_Elutela	-----HDHSATIVSIKDEDEDENKFVSR-----	
MS-Peptides_Elutelb	-----HDHSATIVSIKDEDEDENKFVSR-----	
MS-Peptides_Elute2a	-----HDHSATIVSIKDEDEDENKFVSR-----	
MS-Peptides_Elute2b	-----	
LC-Peptides	-----	

sp O60449 LY75_HUMAN	FVKWENKSKSGVGRCSMLIASNETWKKVECEHGFGRVVCKVPLGPDYTAIAIIVATLSIL	1680
MS-Peptides_Elutela	-----VECEHGFGR-----	
MS-Peptides_Elutelb	-----VECEHGFGR-----	
MS-Peptides_Elute2a	-----	
MS-Peptides_Elute2b	-----	
LC-Peptides	-----	

sp O60449 LY75_HUMAN	VLMGGLIWFLFQRHRLHLAGFSSVRYAQGVNEDEIMLPSEFHD	1722
MS-Peptides_Elutela	-----	
MS-Peptides_Elutelb	-----	
MS-Peptides_Elute2a	-----	
MS-Peptides_Elute2b	-----	
LC-Peptides	-----	

Figure 8A

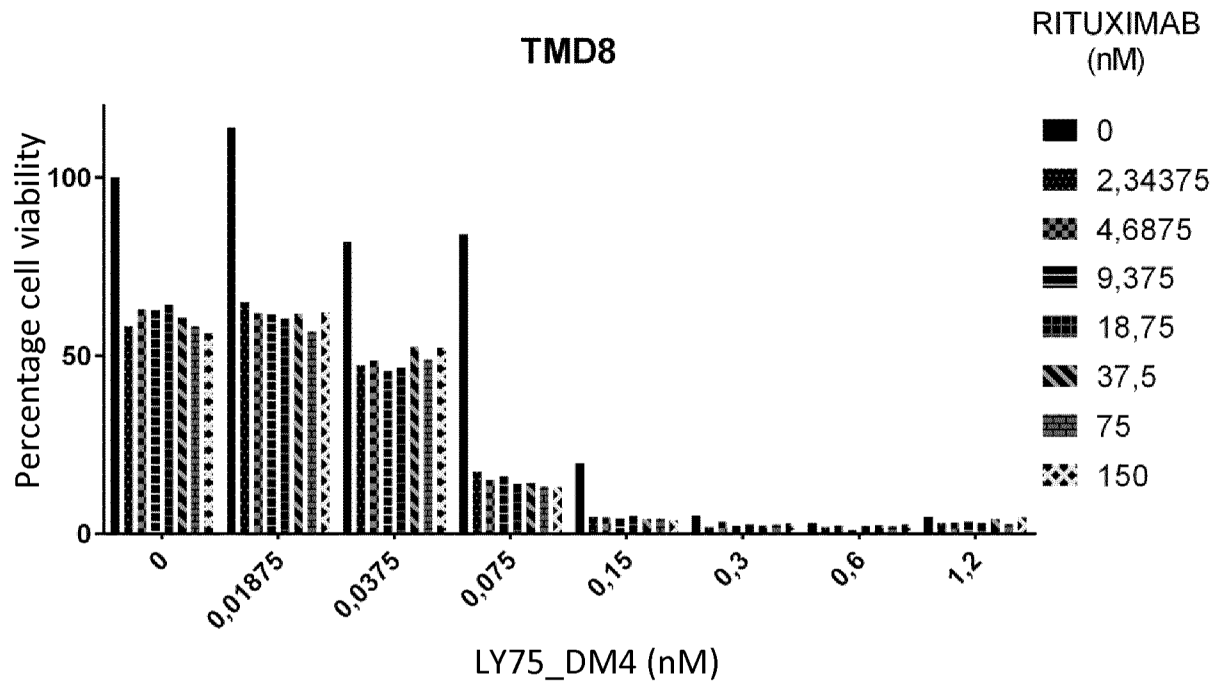


Figure 8B

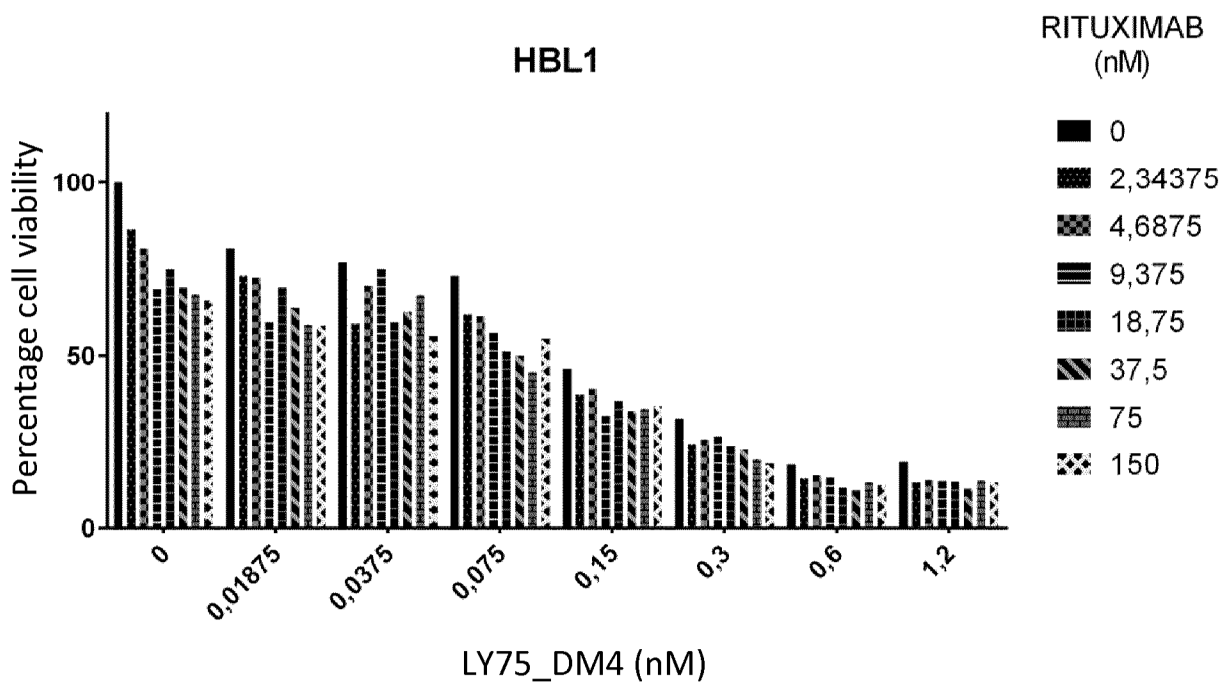


Figure 9

