

Figure 1

VL00	AQVLTQTTSPVSAAGSTVTITC	QSSQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSASGSGTQFTLTI	SDVQCDDAATYY	CLGYFDCSIADCVAF	FGGTEVVVK	SEQ	ID NO: 07	
VL01	DIQMTQSTSLASVGDRVTITC	QSSQSVRTNKLAA	WFQQKPGKAPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPDDFATYY	CLGYFDCSIADCVAF	FGGTKVEIK	SEQ	ID NO: 32	
VL12	DIQMTQSPSSLASVGDRVTITC	RASQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLQ	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDCSIADCVAF	FGGTKVEIK	SEQ	ID NO: 34	
VL15	DIQMTQSPSSLASVGDRVTITC	RASQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLQ	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSSSIADSVAF	FGGTKVEIK	SEQ	ID NO: 35	
VL16	DIQMTQSPSSLASVGDRVTITC	RASQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLQ	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSSSIADSVAF	FGGTKVEIK	SEQ	ID NO: 36	
VL39	DIQMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDPSSIADPVA	FGGTKVEIK	SEQ	ID NO: 42	
VL09	DIQMTQSPSTLASVGDRVTITC	RASQSVRTNKLAA	WFQQKPGKAPKRLIY	SASTLES	GVPSRFSGSGSGTEFTLTI	SSLQPDDFATYY	CLGYFDCSIADCVAF	FGGTKVEIK	SEQ	ID NO: 33	
VL33	AIQMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSSSIADIVA	FGGTKVEIK	SEQ	ID NO: 40	
VL35	AIQMTQSTSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSSSIADIVA	FGGTKVEIK	SEQ	ID NO: 41	
VL17	DIQMTQSPSSLASVGDRVTITC	RSSQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDCSIADCVAF	FGGTKVEIK	SEQ	ID NO: 37	
VL19	AQVMTQSPSSLASVGDRVTITC	RSSQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDCSIADCVAF	FGGTKVEIK	SEQ	ID NO: 38	
VL41	DIQMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDPS	ADPIAF	FGGTKVEIK	SEQ	ID NO: 44
VL42	DIQMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGKAPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDPS	ADPIAF	FGGTKVEIK	SEQ	ID NO: 45
VL28	AIQMTQSPSTLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGKAPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPDDFATYY	CLGYFDPS	ADPVA	FGGTKVEIK	SEQ	ID NO: 39
VL40	DIQMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDPS	ADPVA	FGGTKVEIK	SEQ	ID NO: 43
VL21	AQVMTQSPSSLASVGDRVTITC	RSSQSVRTNKLAA	WFQQKPGQPPKRLIY	SASTLDF	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSS	ADIVA	FGGTKVEIK	SEQ	ID NO: 16
VL22	AQVMTQSPSSLASVGDRVTITC	RSSQSVRTNRLAA	WFQQKPGQPPKRLIY	SASTLDY	GVPSRFSGSGSGTEFTLTI	SSLQPEDFATYY	CLGYFDSS	ADIVA	FGGTKVEIK	SEQ	ID NO: 17

Figure 2

(A)

VH00	. QSVESGGGLVTPGTPLTLTCTVSGFSL	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISKAST..TVDLKMTSPTAEDTGTYFCGKSN	WGPGTLVTVSL	SEQ	ID NO: 11
VH01	. QQLVESGGGLVQPGGSLRLSCAASGFSLS	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 46
VH02	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGPGTLVTVSS	SEQ	ID NO: 47
VH15	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGPGTLVTVSS	SEQ	ID NO: 51
VH04	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGPGTLVTVSS	SEQ	ID NO: 49
VH03	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGPGTLVTVSS	SEQ	ID NO: 48
VH22	EVQLLLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 54
VH24	EVQLLLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 56
VH23	EVQVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 55
VH31	EVQVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 57
VH32	EVQVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 19

(B)

VH00	. QSVESGGGLVTPGTPLTLTCTVSGFSL	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISKAST..TVDLKMTSPTAEDTGTYFCGKSN	WGPGTLVTVSL	SEQ	ID NO: 11
VH04	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISR	WGPGTLVTVSS	SEQ	ID NO: 49
VH01	. QQLVES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 46
VH03	. QSVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYASWAKGRFTISRDN	WGPGTLVTVSS	SEQ	ID NO: 48
VH18	. QQLVES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 52
VH19	. QQLVES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 53
VH24	EVQLLLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 56
VH22	EVQLLLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 54
VH31	EVQVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 57
VH32	EVQVLES	SNAINWVRQAPGKGLEWVG	YIAVSGNTYYADSVKGRFTISRDN	WGQGTILVTVSS	SEQ	ID NO: 19

Figure 3

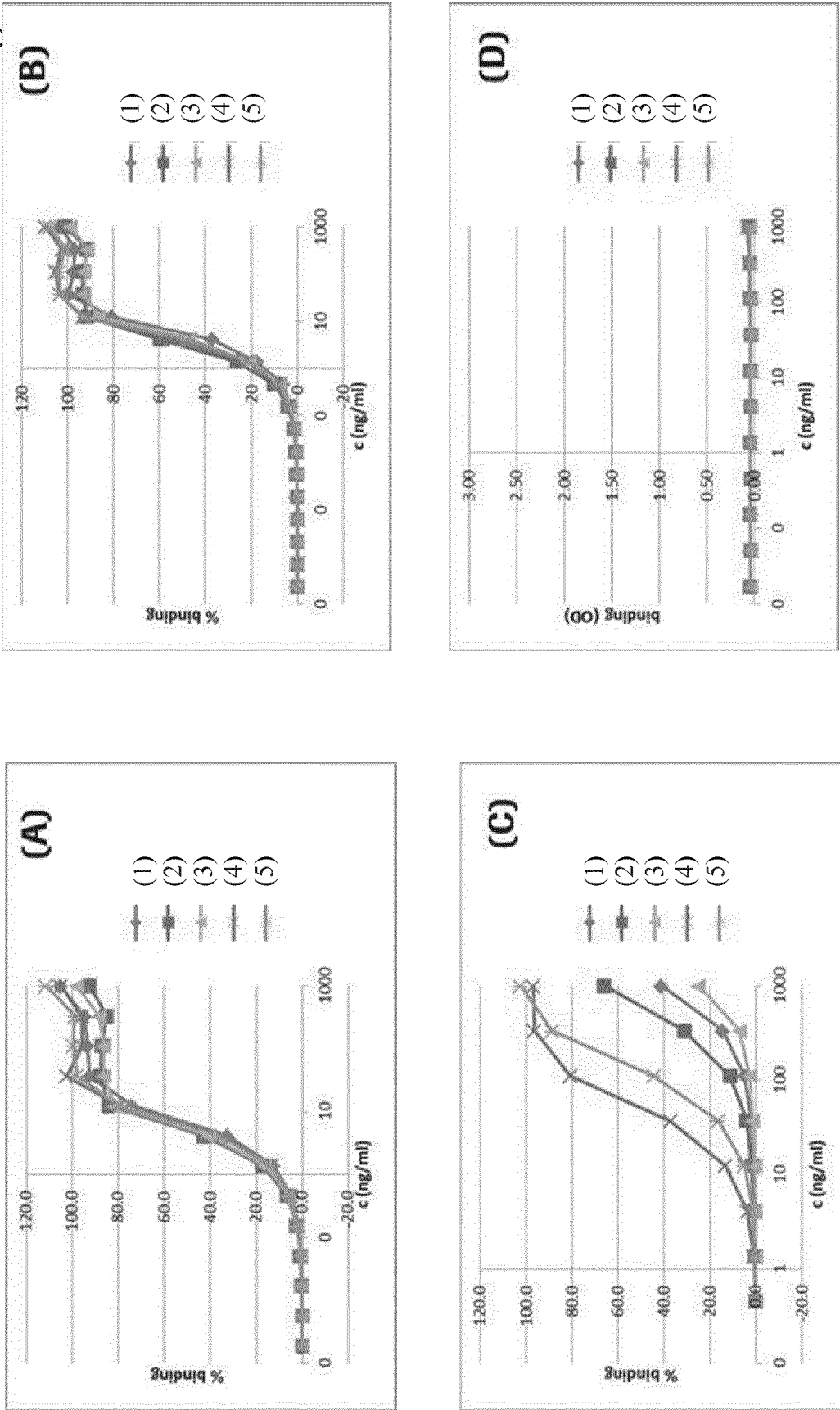


Figure 4

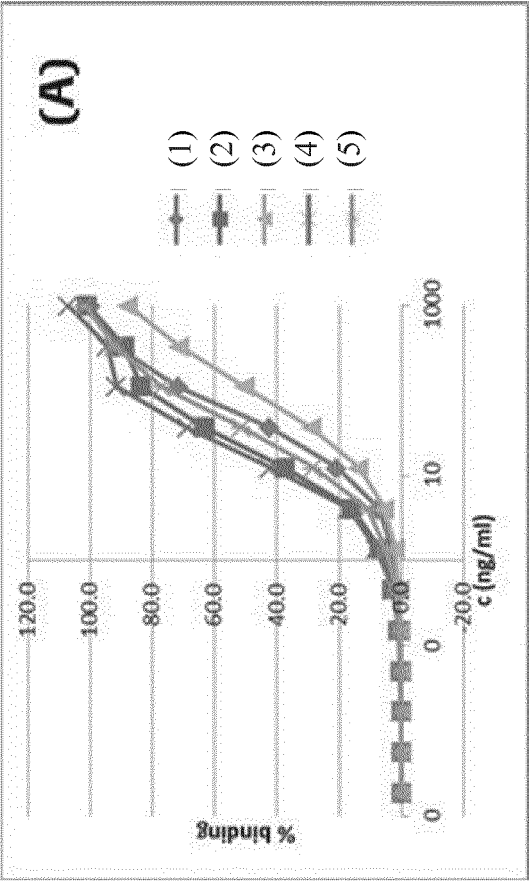
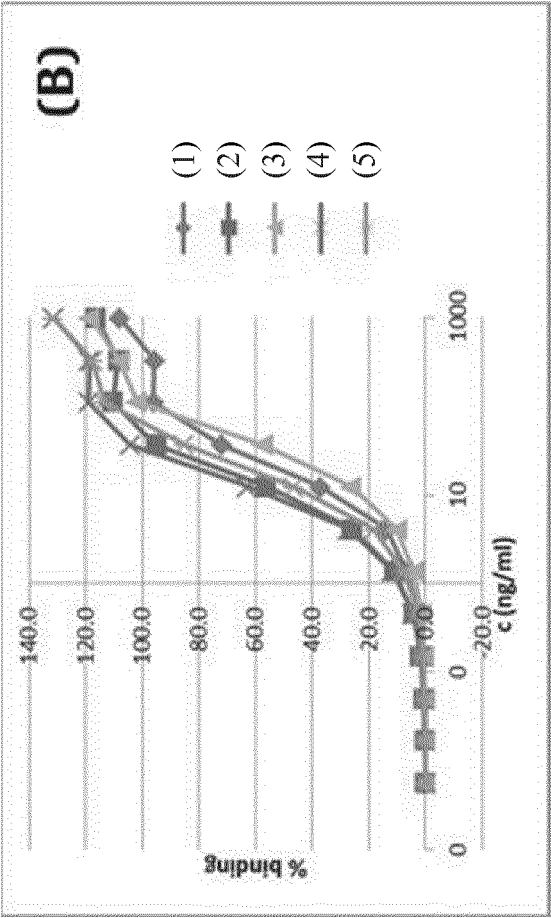


Figure 5

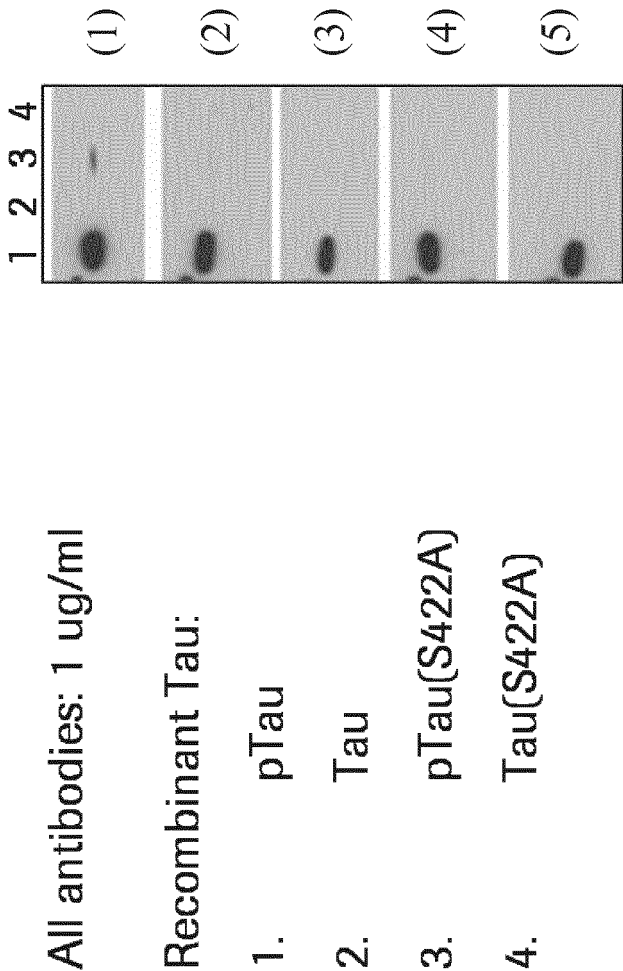


Figure 6

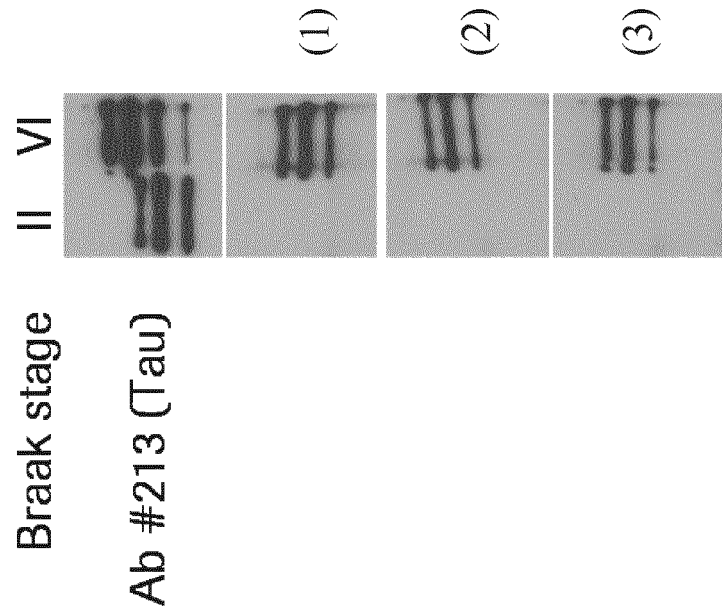


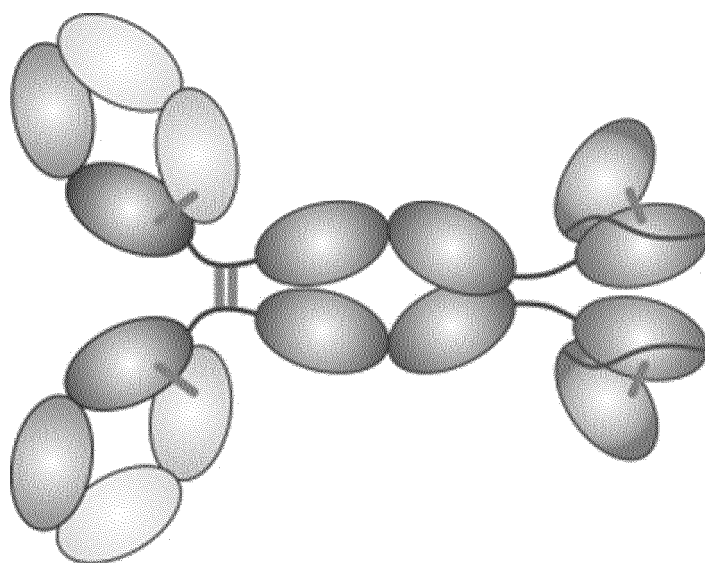
Figure 7

Figure 8

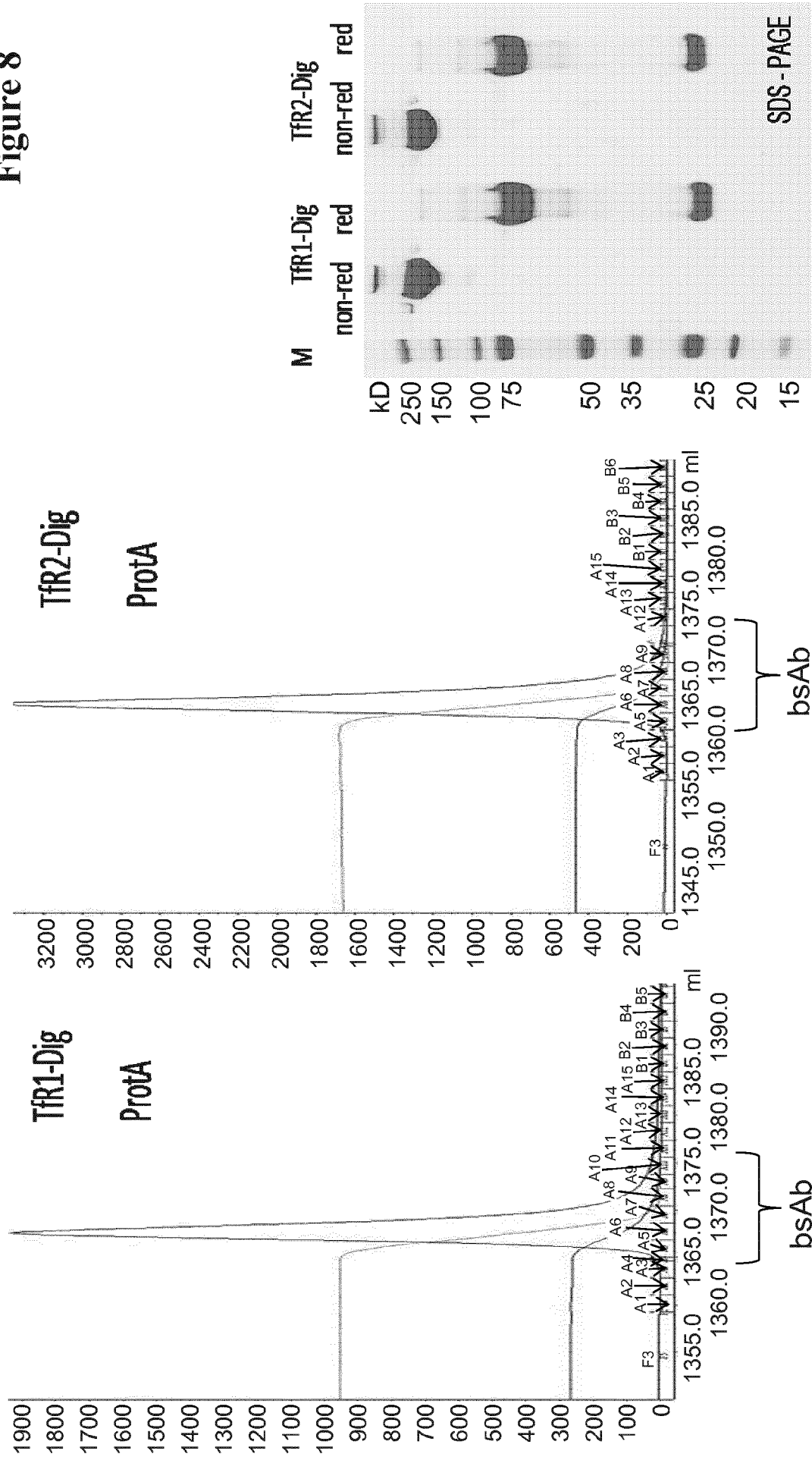
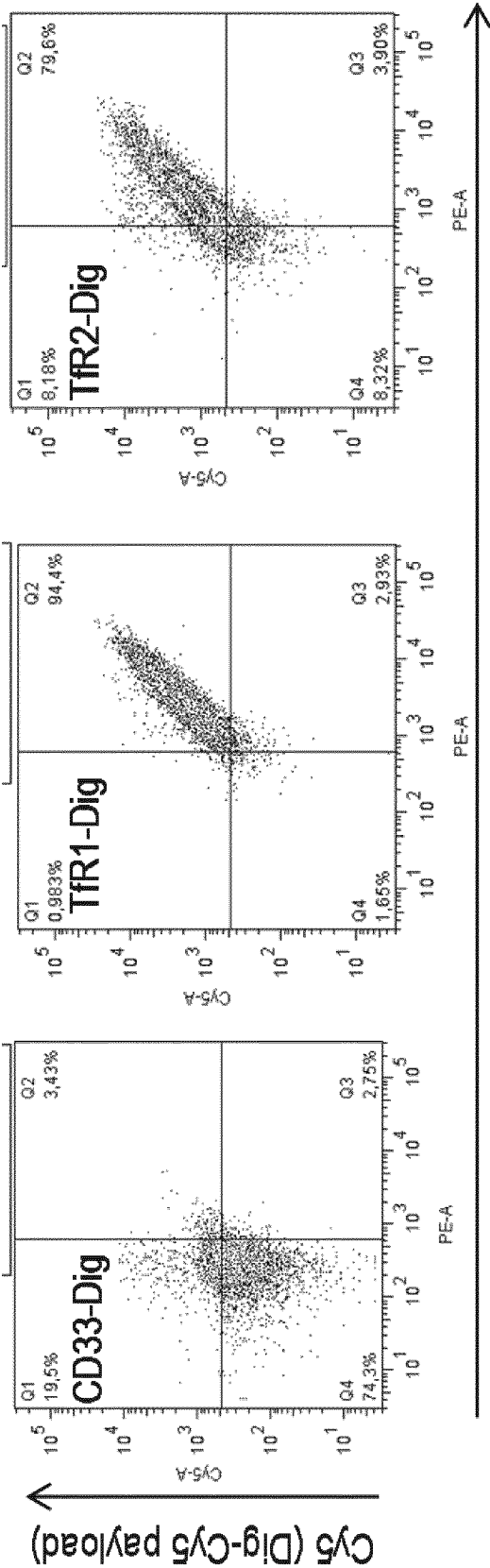


Figure 9



PE (bsAb shuttle detected by PE-labeled anti-huFc)

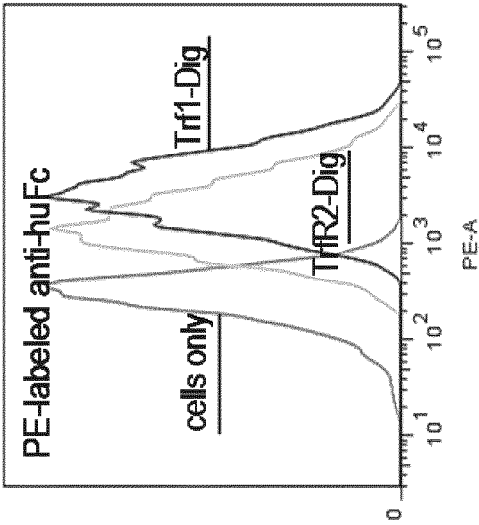


Figure 10

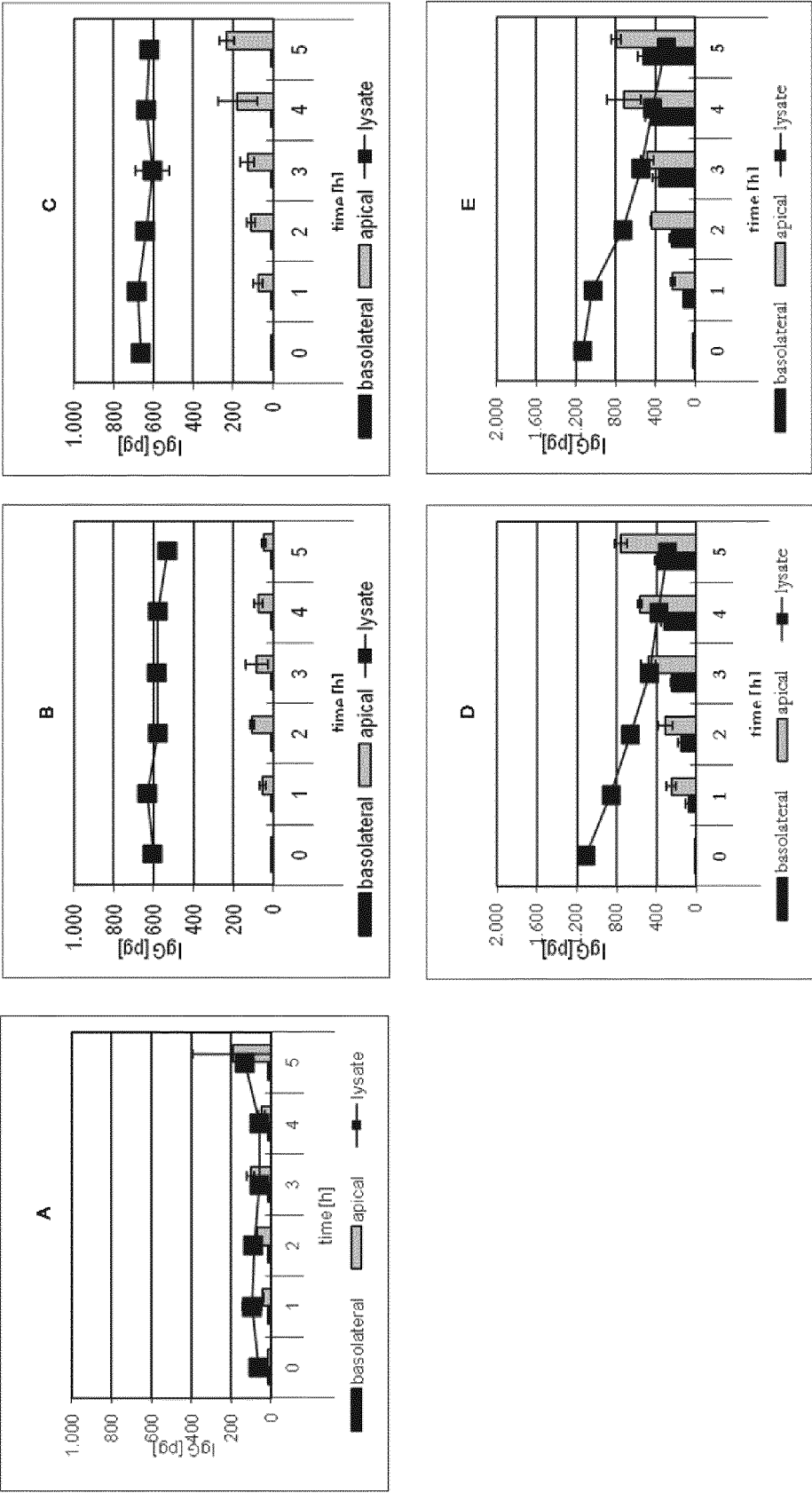


Figure 11A

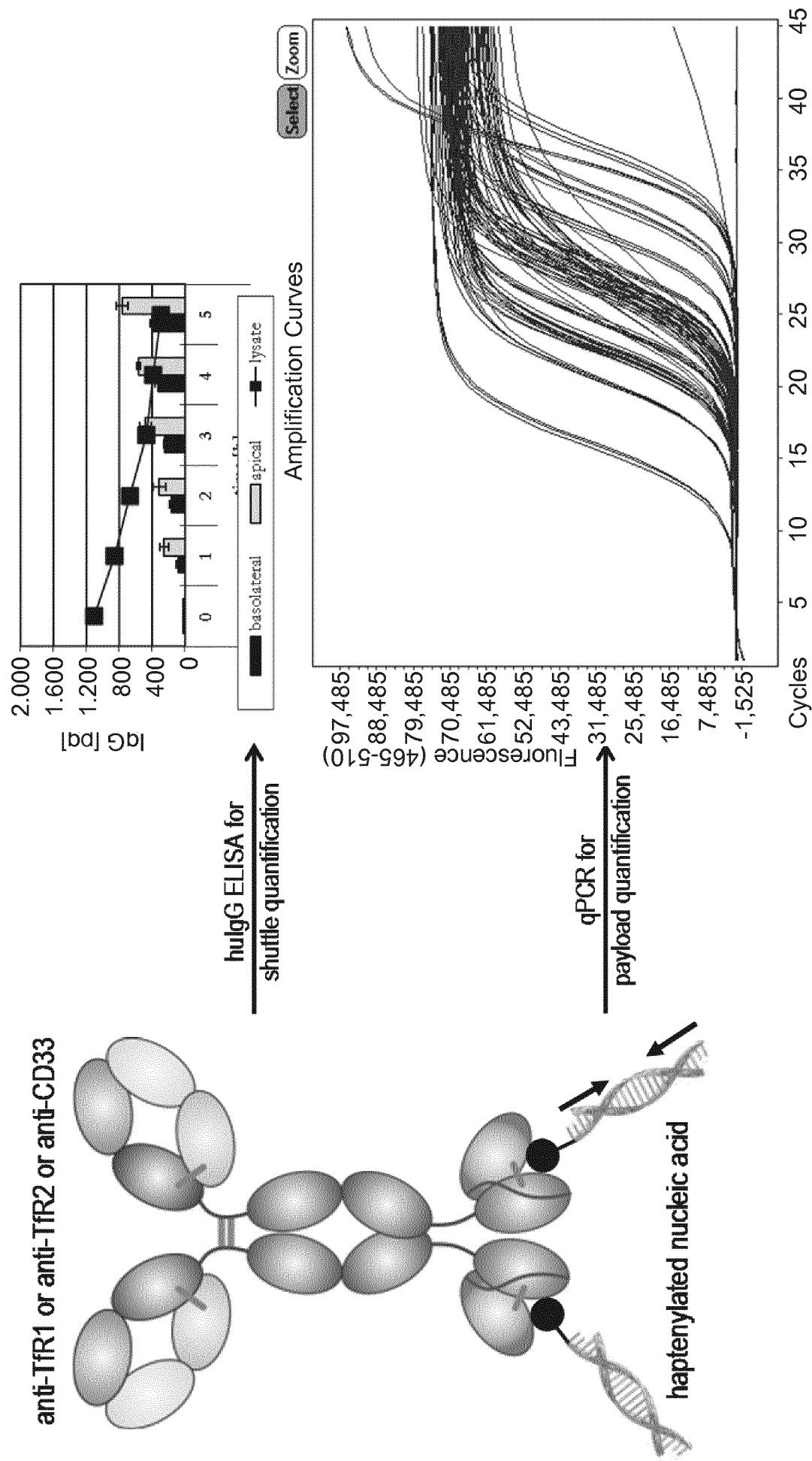


Figure 11B

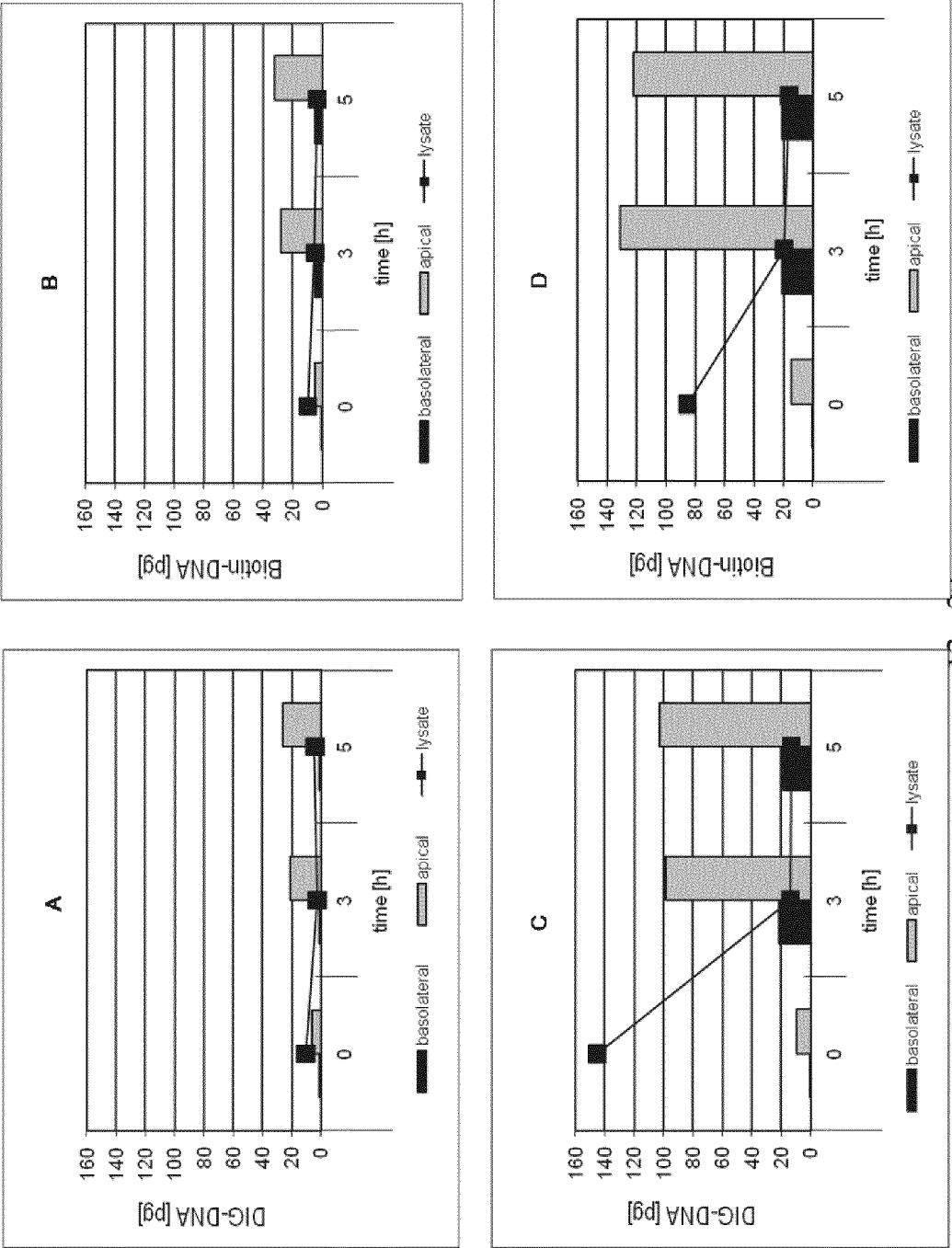


Figure 12

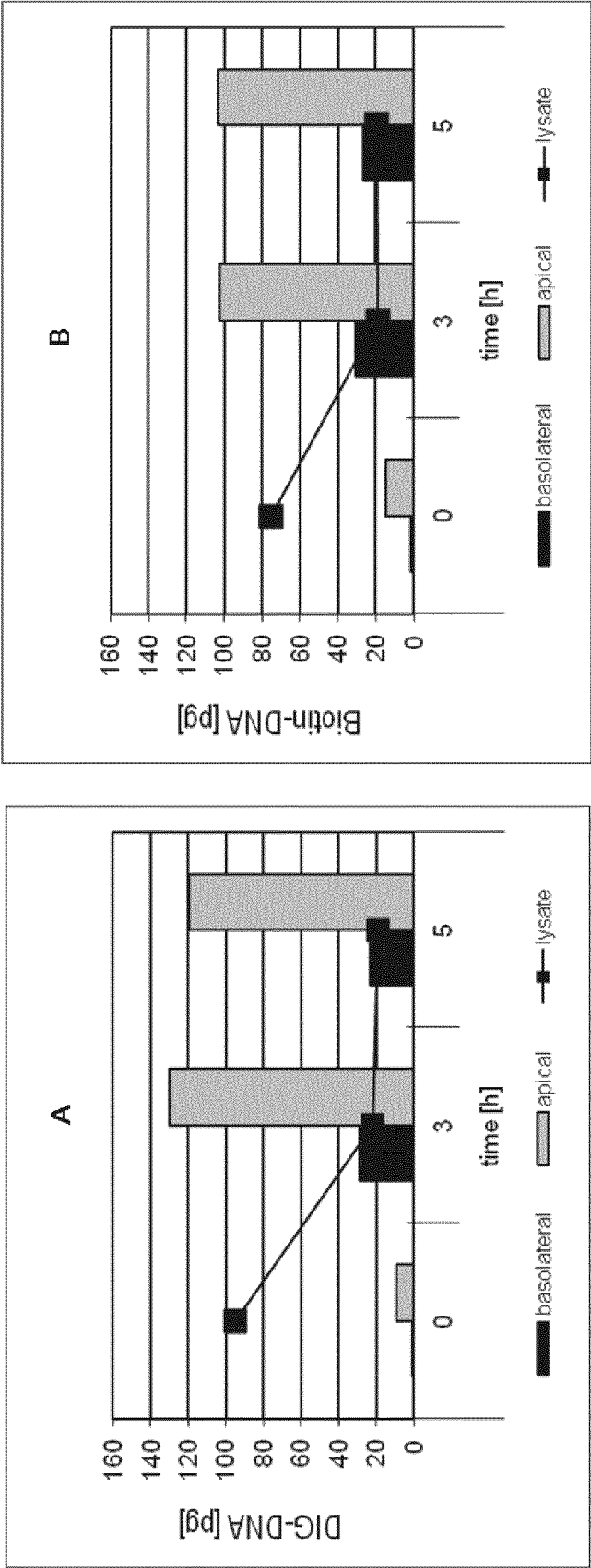


Figure 13

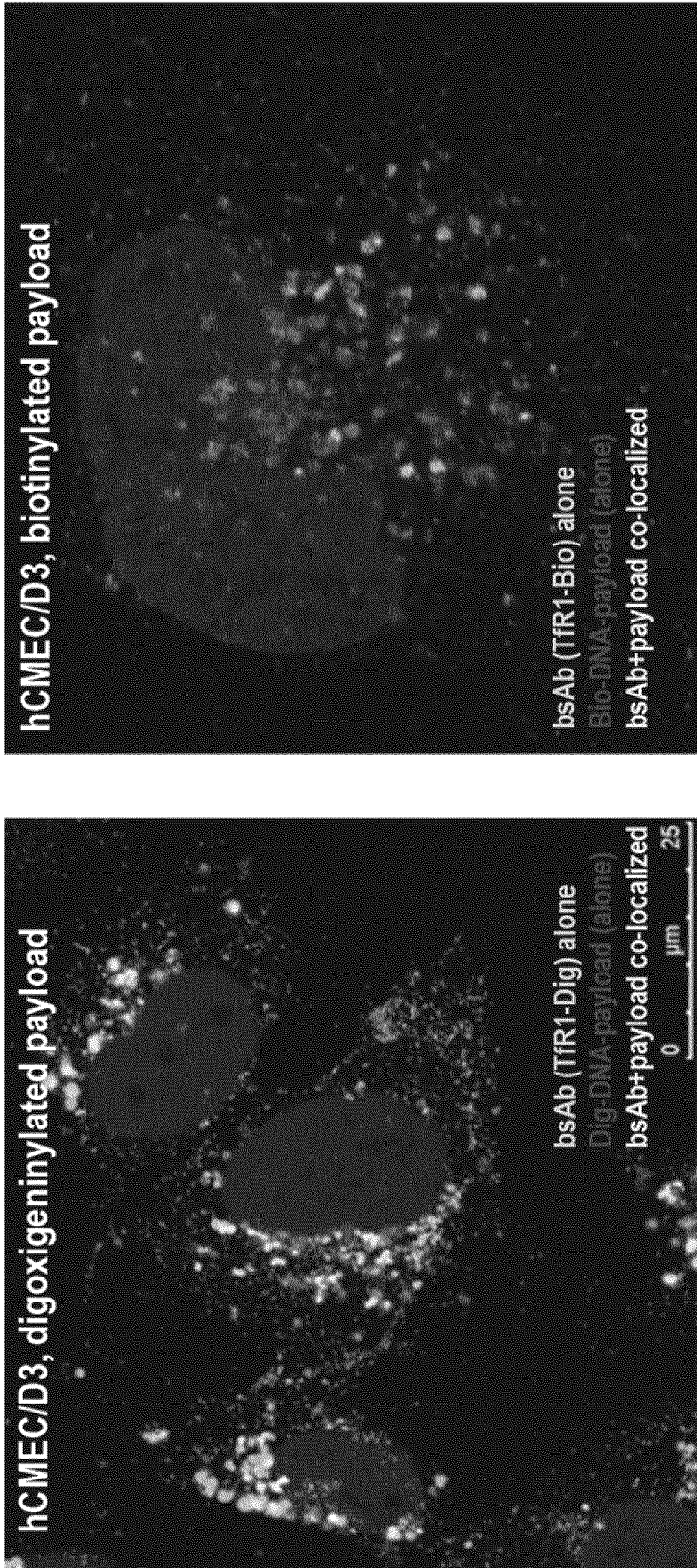


Figure 14

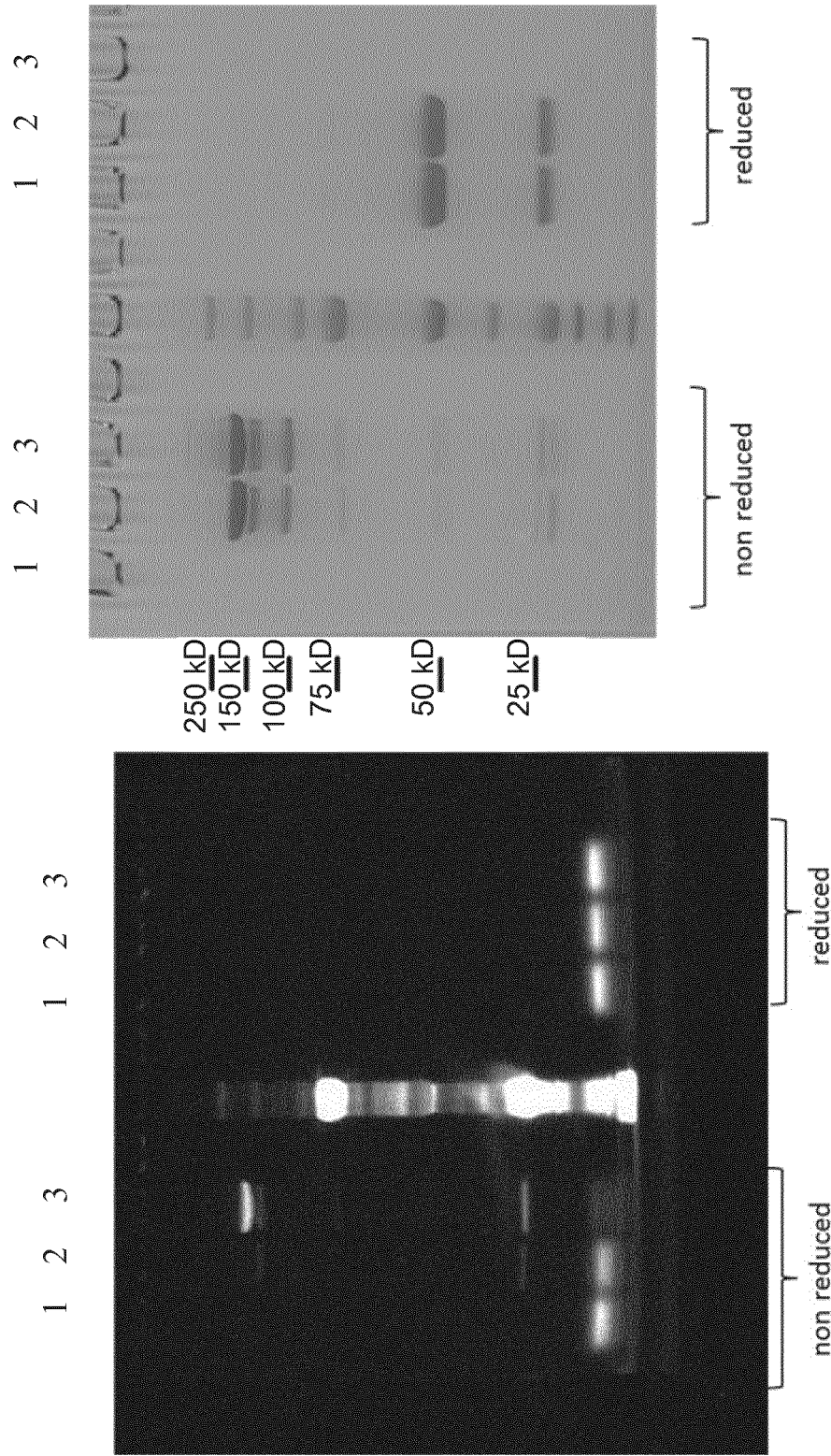


Figure 15

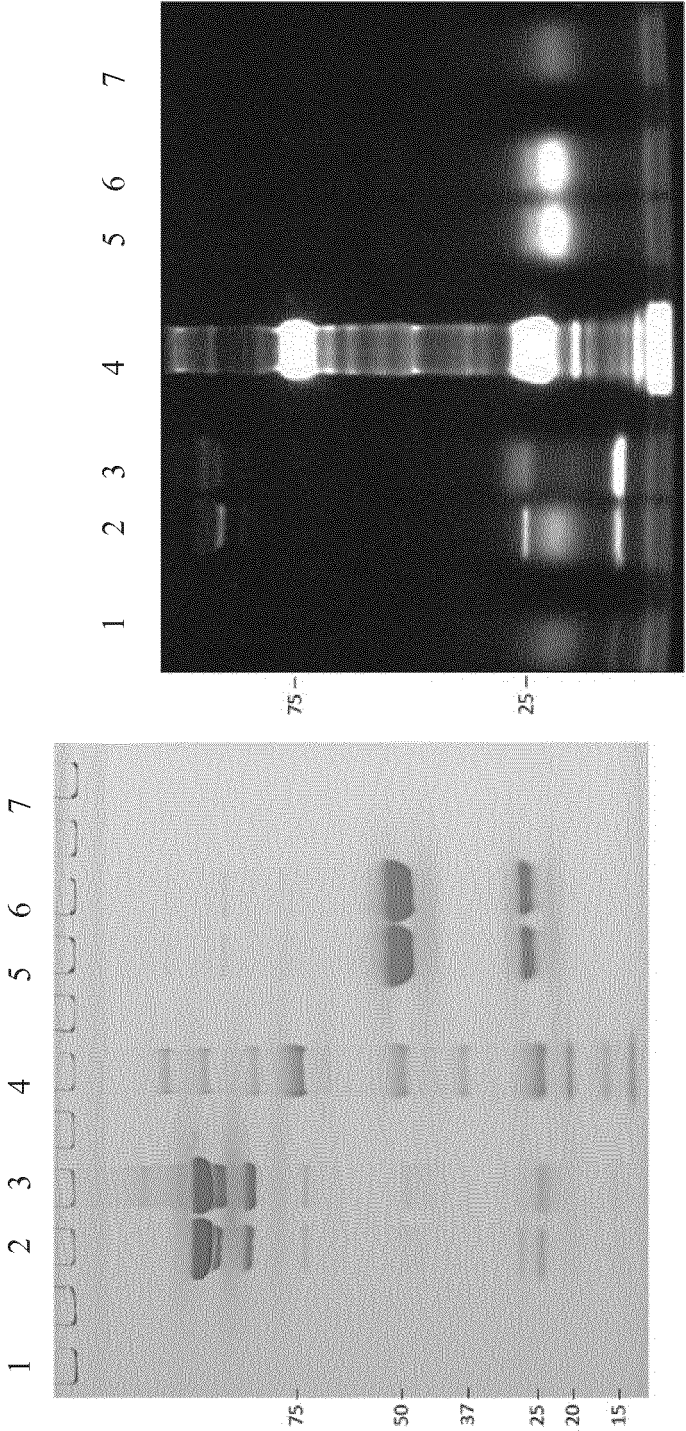


Figure 16

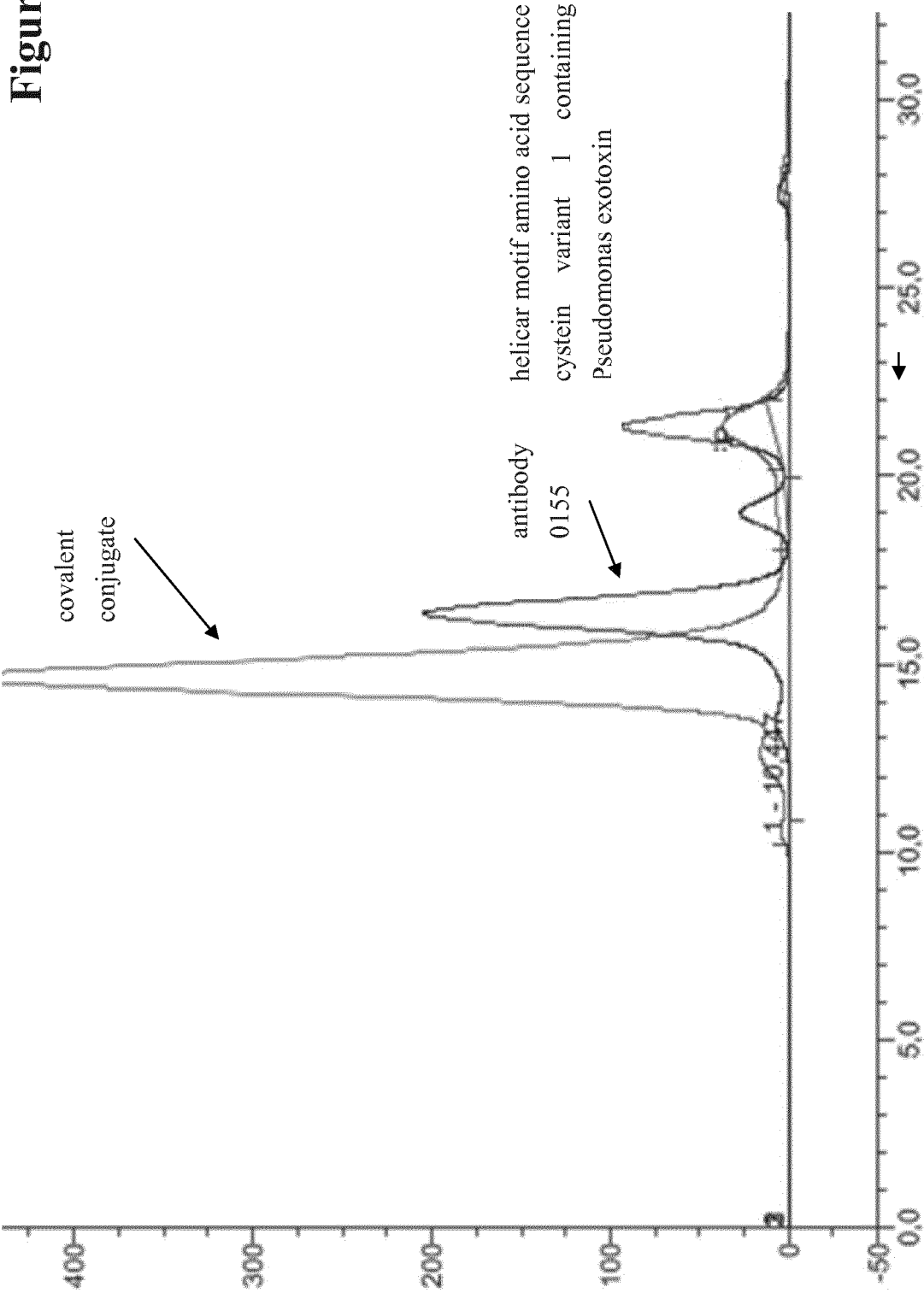


Figure 17

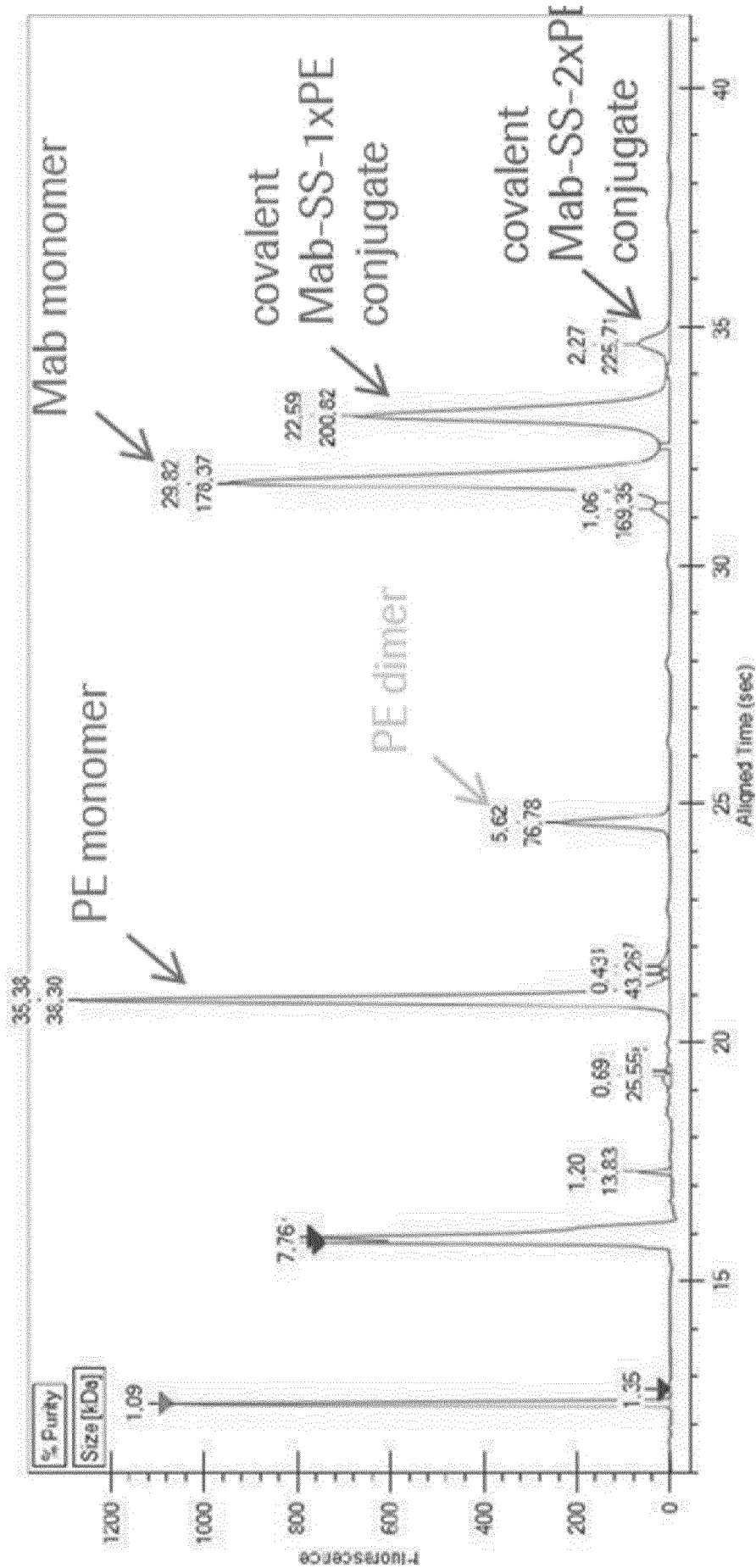


Figure 18

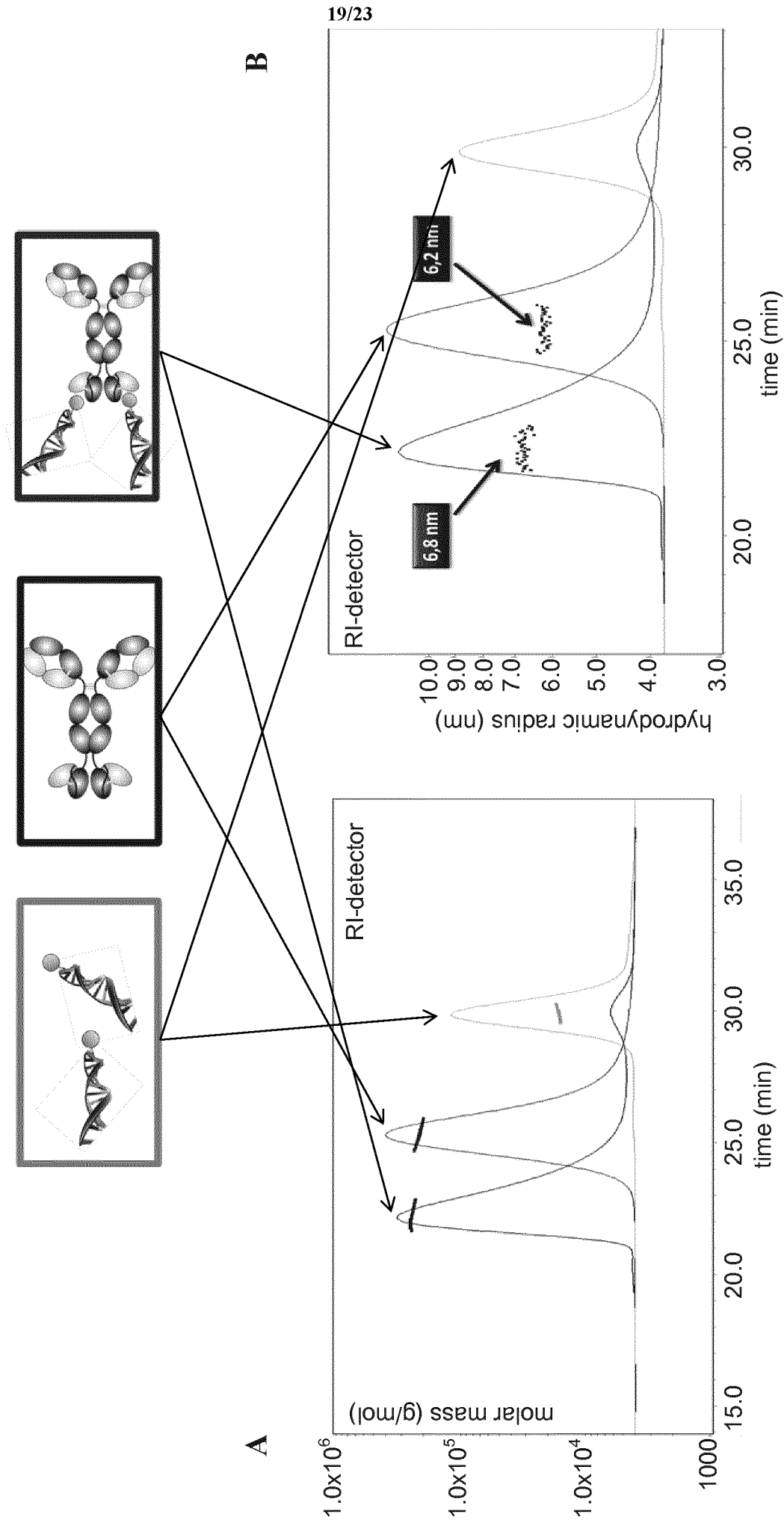


Figure 19

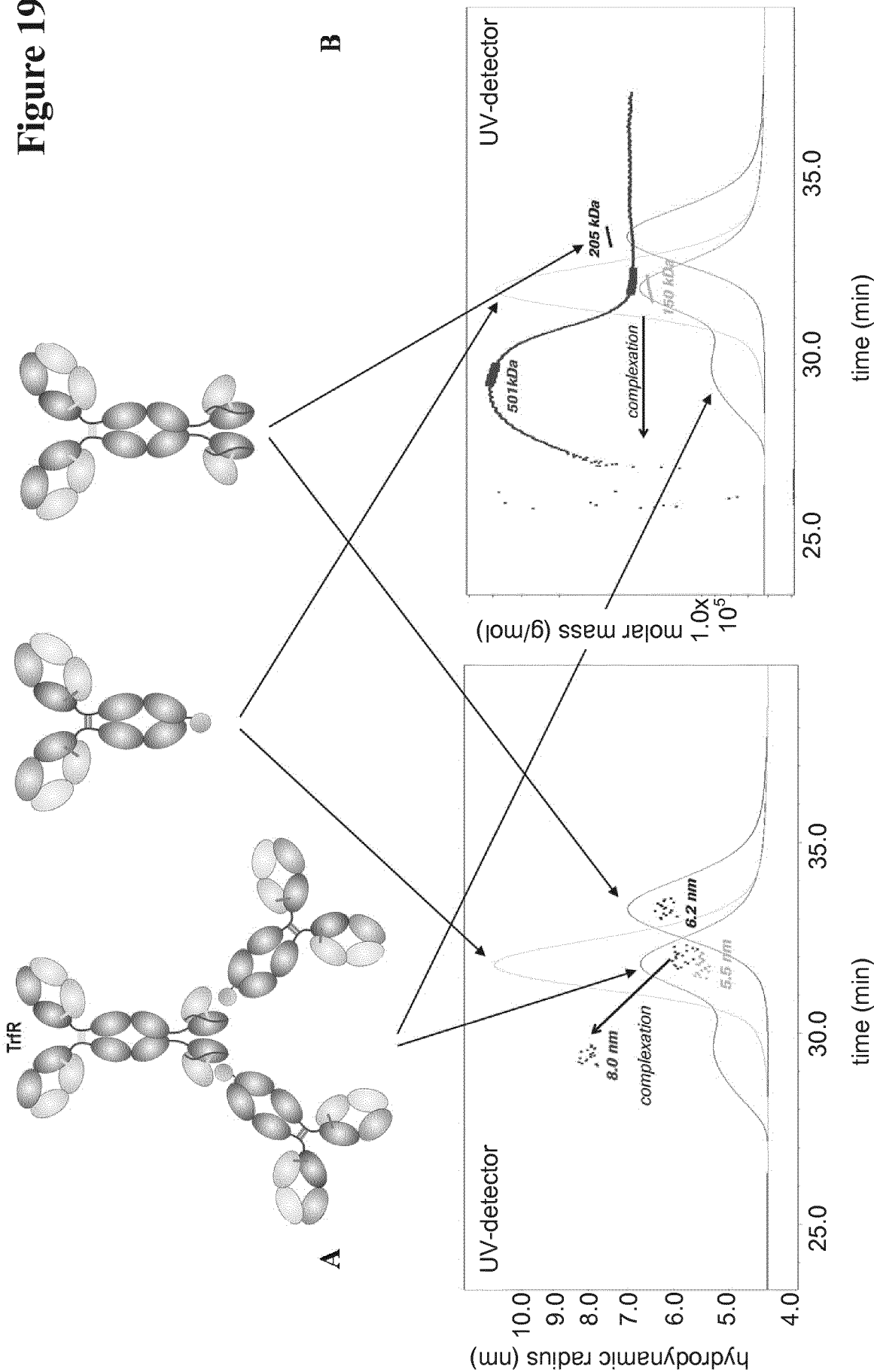


Figure 19C

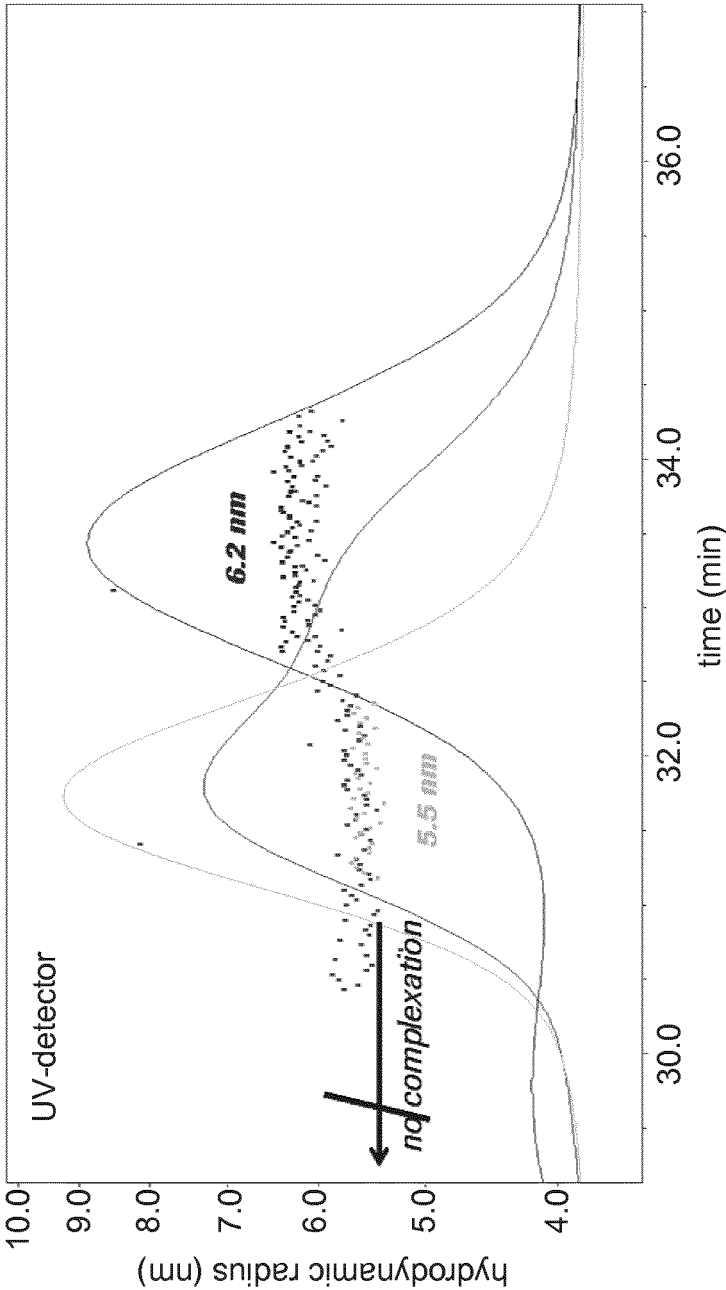


Figure 20

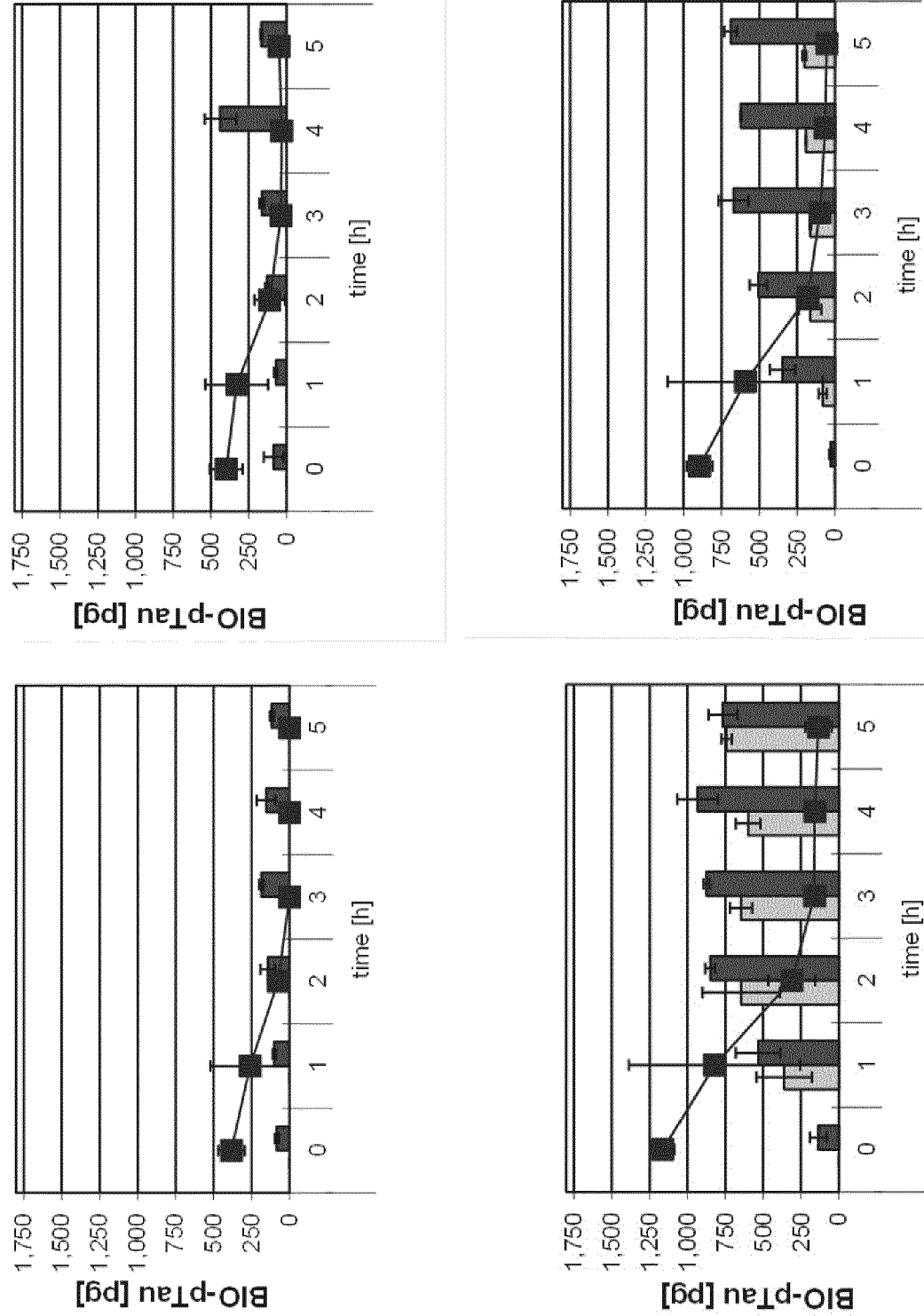


Figure 21

