

BBC	DVQLQESGPDLVKPSQSLSLTCTVTGYSIT	SG-YTWH	WIRQF
1	-VQLQEWGPGLVKPSQTLSTCTVSGGSIY	NFGHYWS	WIRHY
2	QVQLQESGPGLVKPSQTLSTCTVSGDSIN	SSGFYWT	WIRQH
3(acceptor)	QVQLQESGPGLVKPSQTLSTCTVSGGSIS	SGAYYWS	WIRQH
4	QVQLQESGPGLVKPSETLSLTCTVSGDSISS	GGTHWS	WIRQL
5	QVQLQESGPGLVKPSQTLSTCTVSGTSIS	TGGYHWT	WIRQQ
6	QLQLQESGPRLVKPSQTLSTCSVSGGSIS	SG-AYHWS	WIRQL
7	---LEQSGPSLVKPSQTLSTCSVTGDSIT	SG-Y-WN	WIRKF
8	EVQLQESGPSLVKPSQTLSTCSVTGDSIT	NG-F-W	WIRKF

BBC	PGNTLEWLGYIHYSGNTKYSPSLKSR	LSVTRDTSKNQFFLQLNSVTTEDTATYYCG	REAL
1	PGKGLEWIGYIYYSGSTYYNPSLKSR	LTISADTSKNQFSLELNSMTAADTAVYYCAR	AGG
2	PGKGLEWIGSMFYGGSPYNNPSLKSR	LTISVDTSKNQFSLYLNSVTAADTAVYYCAR	AFD
3(acceptor)	PGKGLEWIGYIYYSGTYYNPSLKSR	LSMSRDTSKNQFSLKLSSVTAADTAVYYCAR	GPY
4	PGQGLEWLGYLYNSRSTYYNPSLES	RLTISADTSKNQFSLNLSTVTAADTAVYYCAR	KSG
5	PGKGLEWLGYIYHSGSSYYNPSLKSR	LTISVDTSKNQFSLNLNSVTAADTAVYYCAR	NSG
6	PGKGLEWVGYYIYTGN TYFNPSLKSR	ISISVDTSKNQFSLKMNSVTVADTAMYYCAR	DPI
7	PGNKLEYMGYISYSGSTYYNLSLR	SRISITRDTSKNQYYLQLNSVTTEDTATYYCA	LIT
8	PGNKLEYMGYISYSGSTYYNPSLKSR	ISITRDTSQNQFY LQLNSVTTEDTGTYAC	CRSY

BBC	RGYDHG---	FWFTYWGQGLTV	TV
1	SAAGTHD---	AFDIWGP	TMVTV
2	YSASGSF---	YFGSWGQGLTV	TV
3(acceptor)	YDSPRP-----	FDPWGQGLTV	TV
4	F-----	REFDLWGQGLTV	TV
5	-----	ADFDYWGQGLTV	TV
6	ALPGRG-----	VFDYWGQGLTV	TV
7	-----TT---	YAMDYWGQGT	TVTV
8	G--RTP---	YYFD	FWGQGTTLTV

FIG. 1

BBC	DIQMTQSSSFVSLGDRVITITCTASEDIYNRLTWYQQKPGNVPRLISGATSLDTGVPS
hBBC.8	DIQMTQSPSSLASVGDRVITITCTASEDIYNRLTWYQQKPGKVPRLISGATSLDTGVPS
hBBC.9	DIQMTQSPSSLASVGDRVITITCTASEDIYNRLTWYQQKPGKVPRLISGATSLDTGVPS
hBBC.10	DIQMTQSPSSLASVGDRVITITCTASEDIYNRLTWYQQKPGKVPRLISGATSLDTGVPS
human	DIQMTQSPSSLASVGDRVITITCRASQGISNYLAWYQQKPGKVPKLLIYAAS <u>TLQSGVPS</u>
BBC	RFSGSRSGKDIALSITSLQTEDVATYCCQQYWTTPWTFGGTRLEIK
hBBC.8	RFSGSRSGTDFTLTISLQPEDVATYCCQQYWTTPWTFGQGTKLEIK
hBBC.9	RFSGSRSGTDYTLTISLQPEDVATYCCQQYWTTPWTFGQGTKLEIK
hBBC.10	RFSGSGSGTDYTLTISLQPEDVATYCCQQYWTTPWTFGQGTKLEIK
human	RFSGSGSGTDFTLTISLQPEDVATYCCQKYN <u>SAPYTFGQGTKLEIK</u>

FIG. 2A

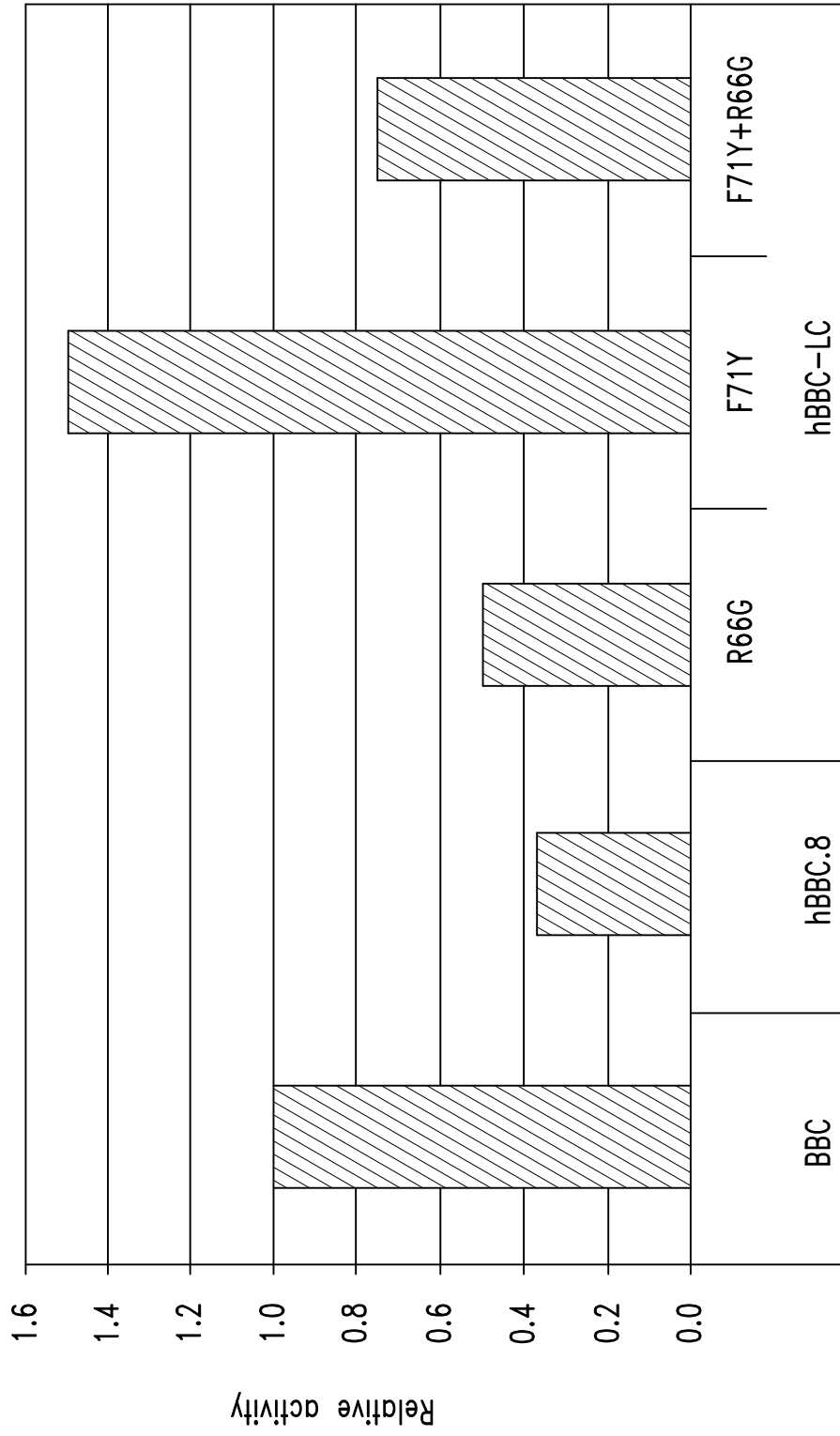


FIG. 2B

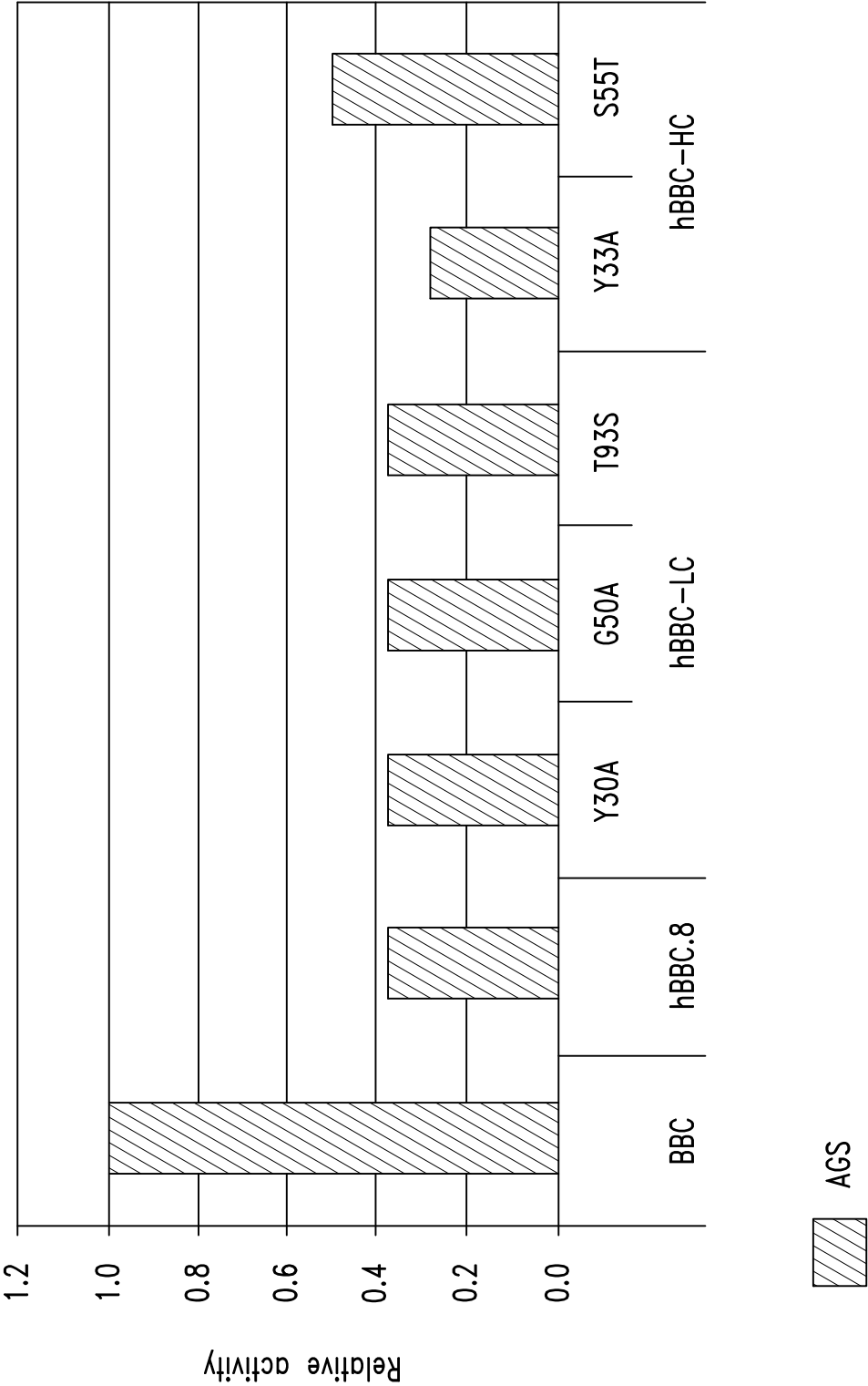


FIG. 2C

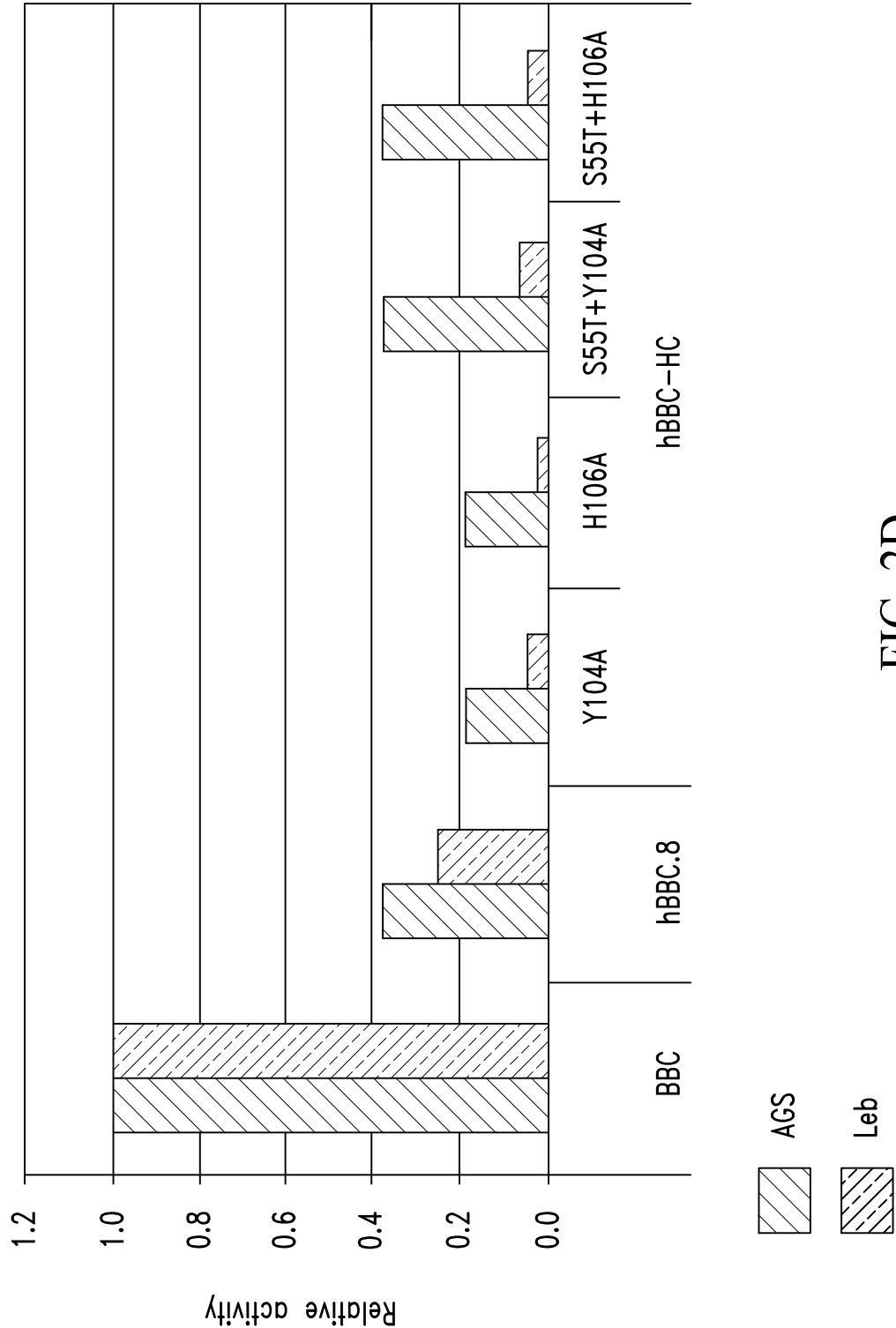


FIG. 2D

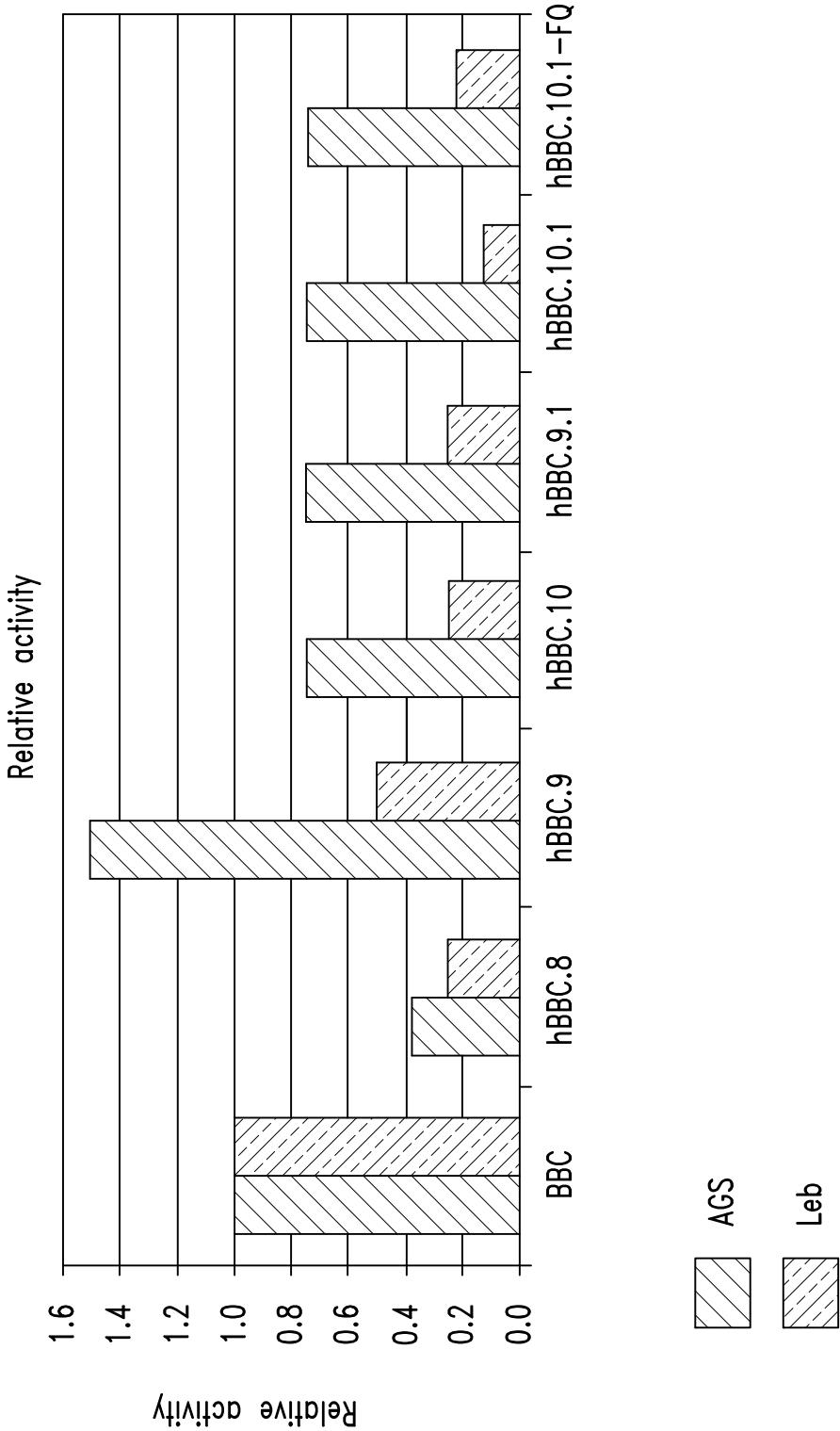


FIG. 2E

hBBC.10.1	RLSISRDTSKN[Q][F][F][L][K][L][S][V][T][T][E][D][T][A][V][Y][Y][C][G][R]
hBBC.10.1FQ	RLSISRDTSKN[T][F][Y][L][Q][M][N][S][T][T][E][D][T][A][V][Y][Y][C][G][R]
reference 1	RFTISRDDSKN[T][F][Y][L][Q][M][N][S][R][A][E][D][T][A][V][Y][Y][C][A][R]
reference 2	RFTISADTSKN[T][A][Y][L][Q][M][N][S][R][A][E][D][T][A][V][Y][Y][C][S][R]

FIG. 3

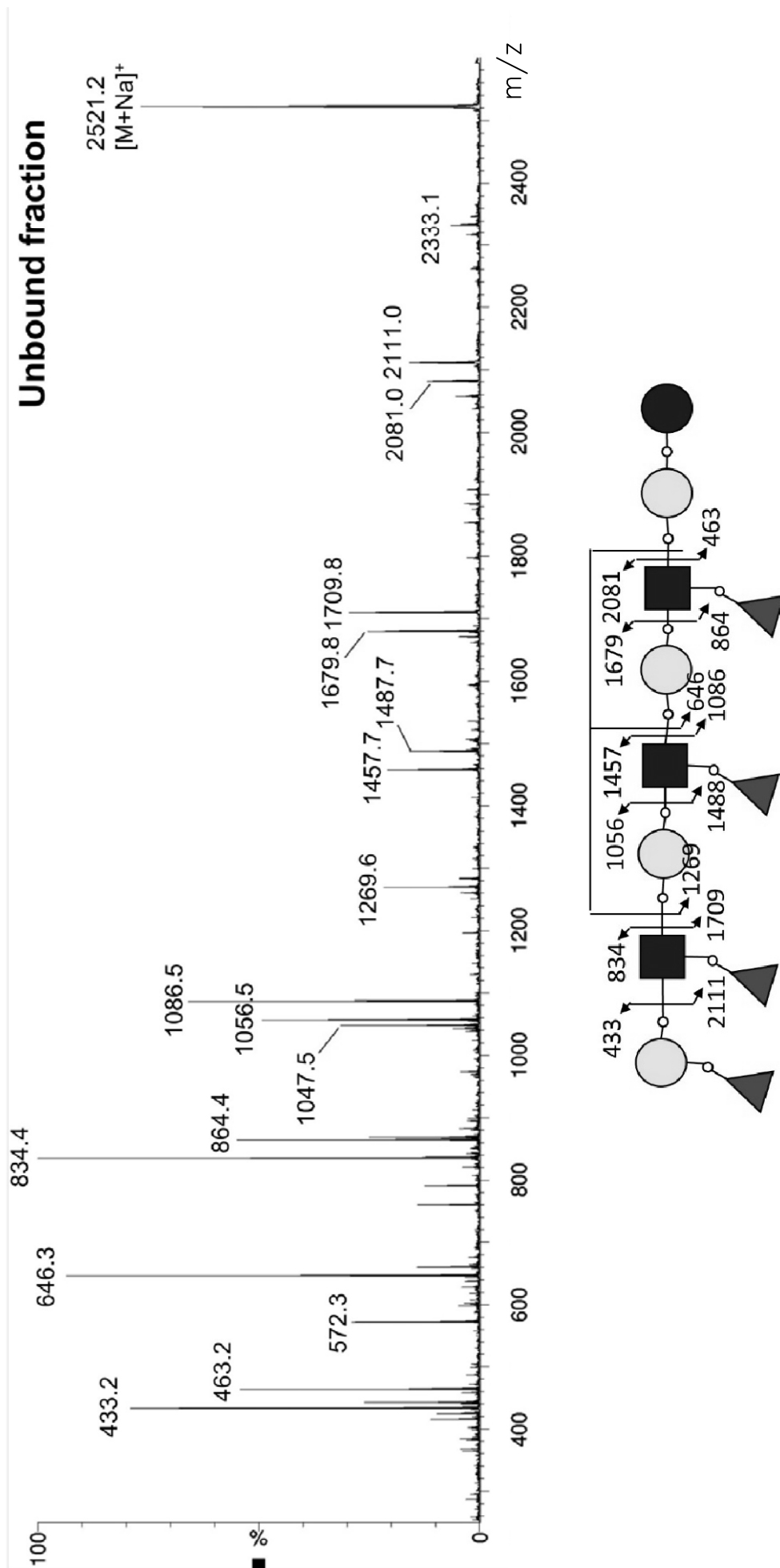
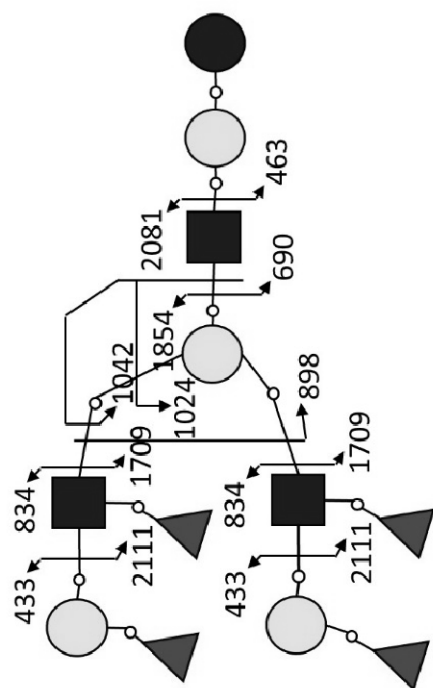


FIG. 4A



BBC-bound fraction

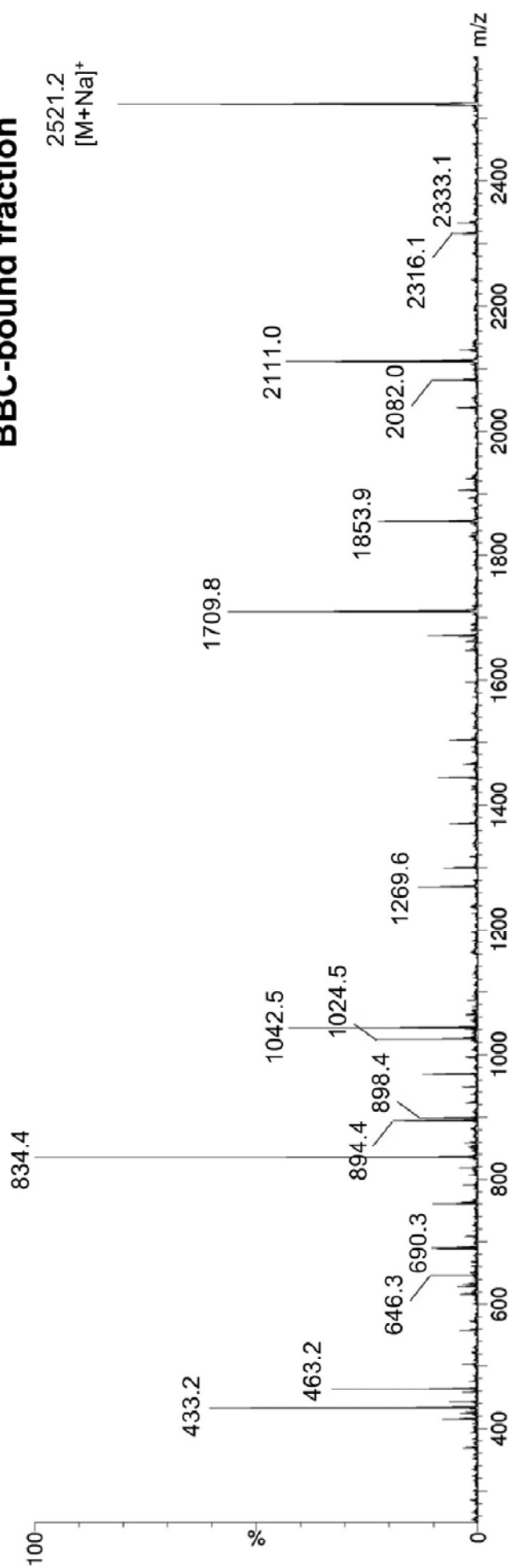


FIG. 4B

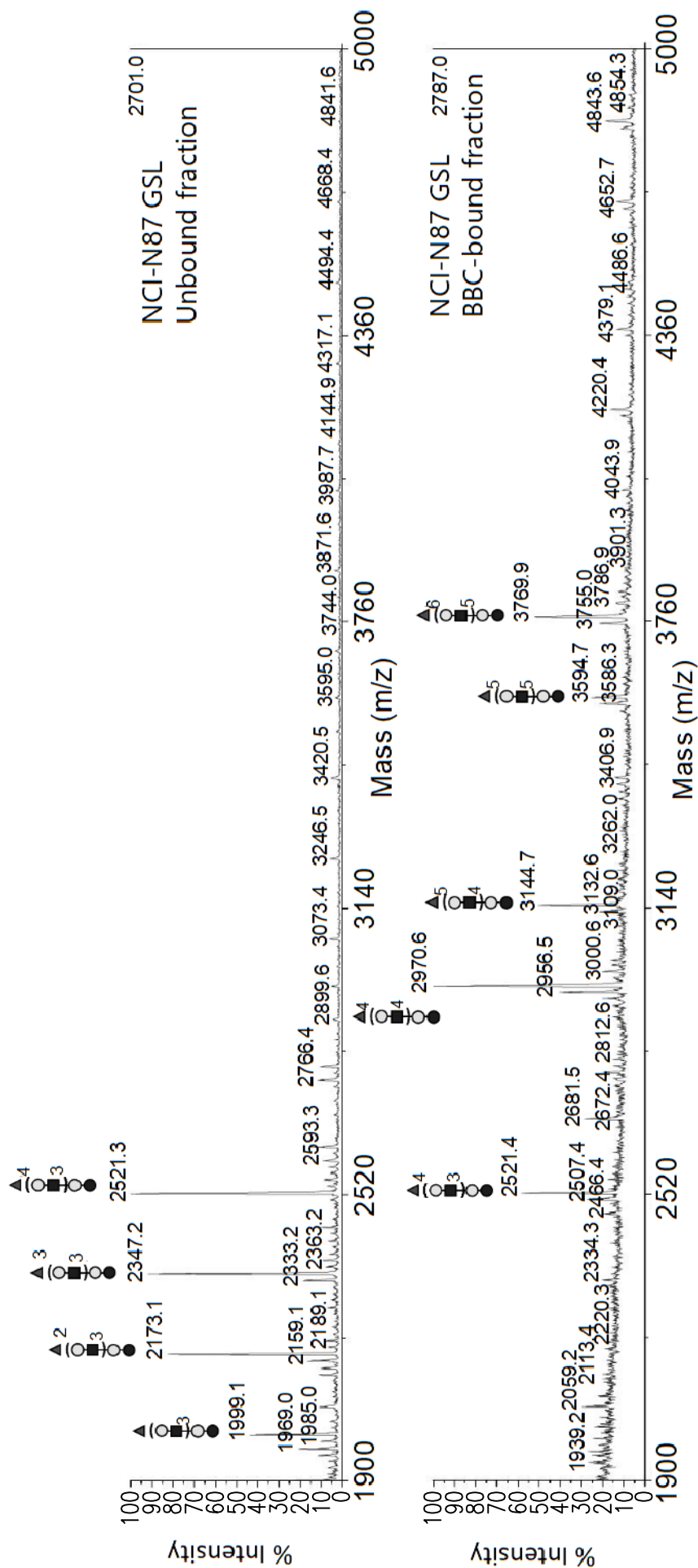


FIG. 5A

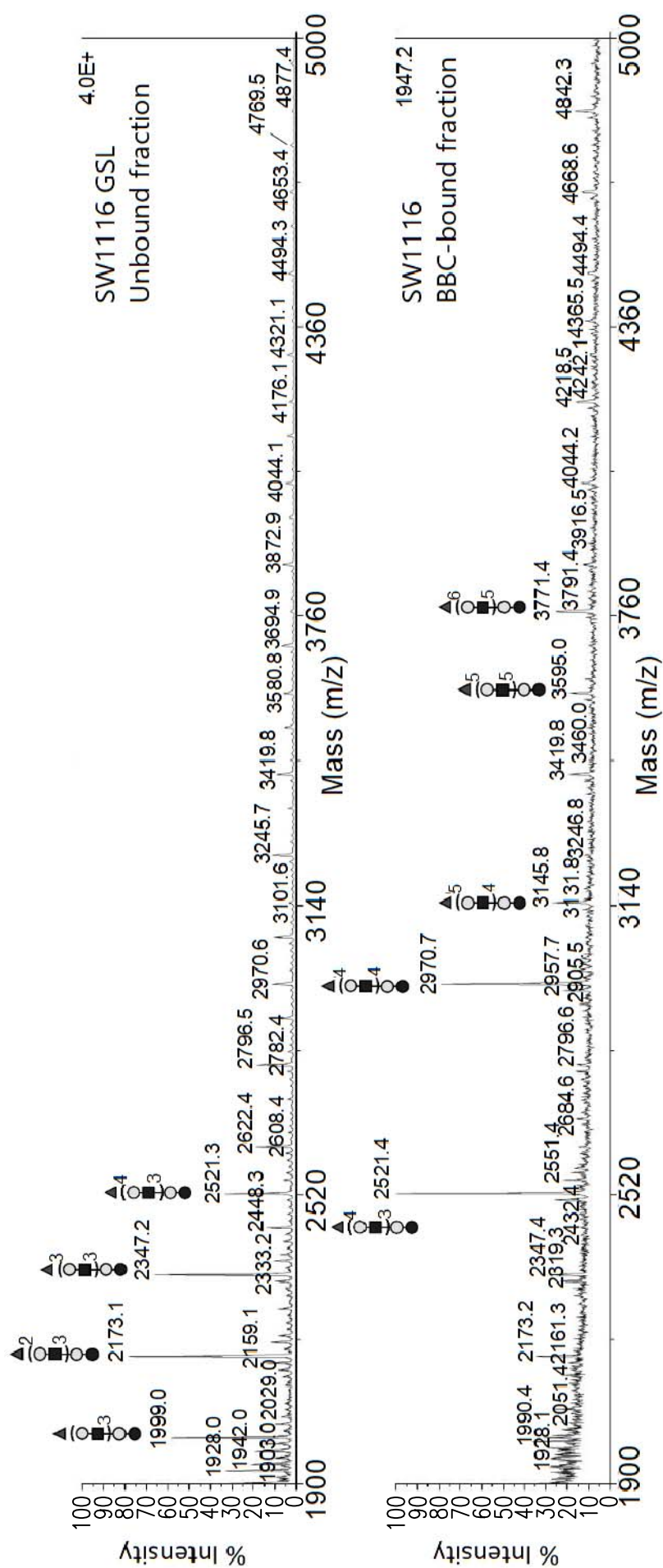


FIG. 5B

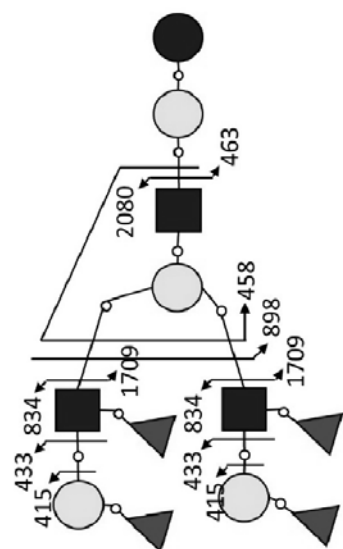
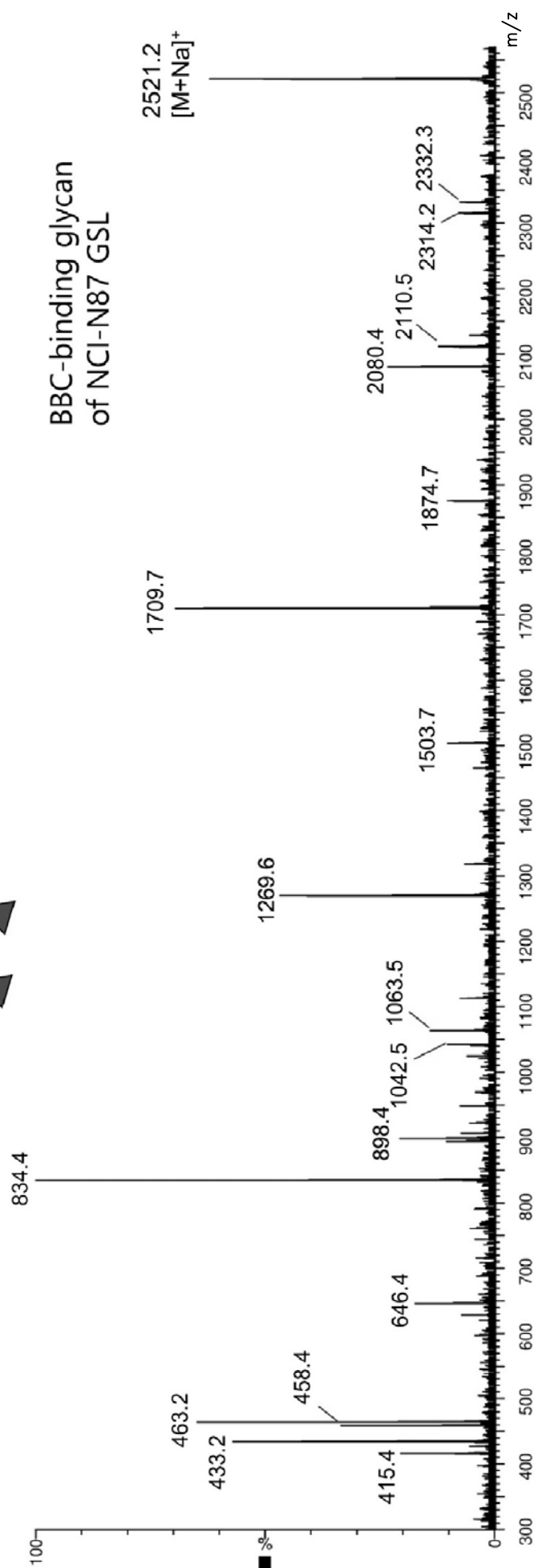


FIG. 6A

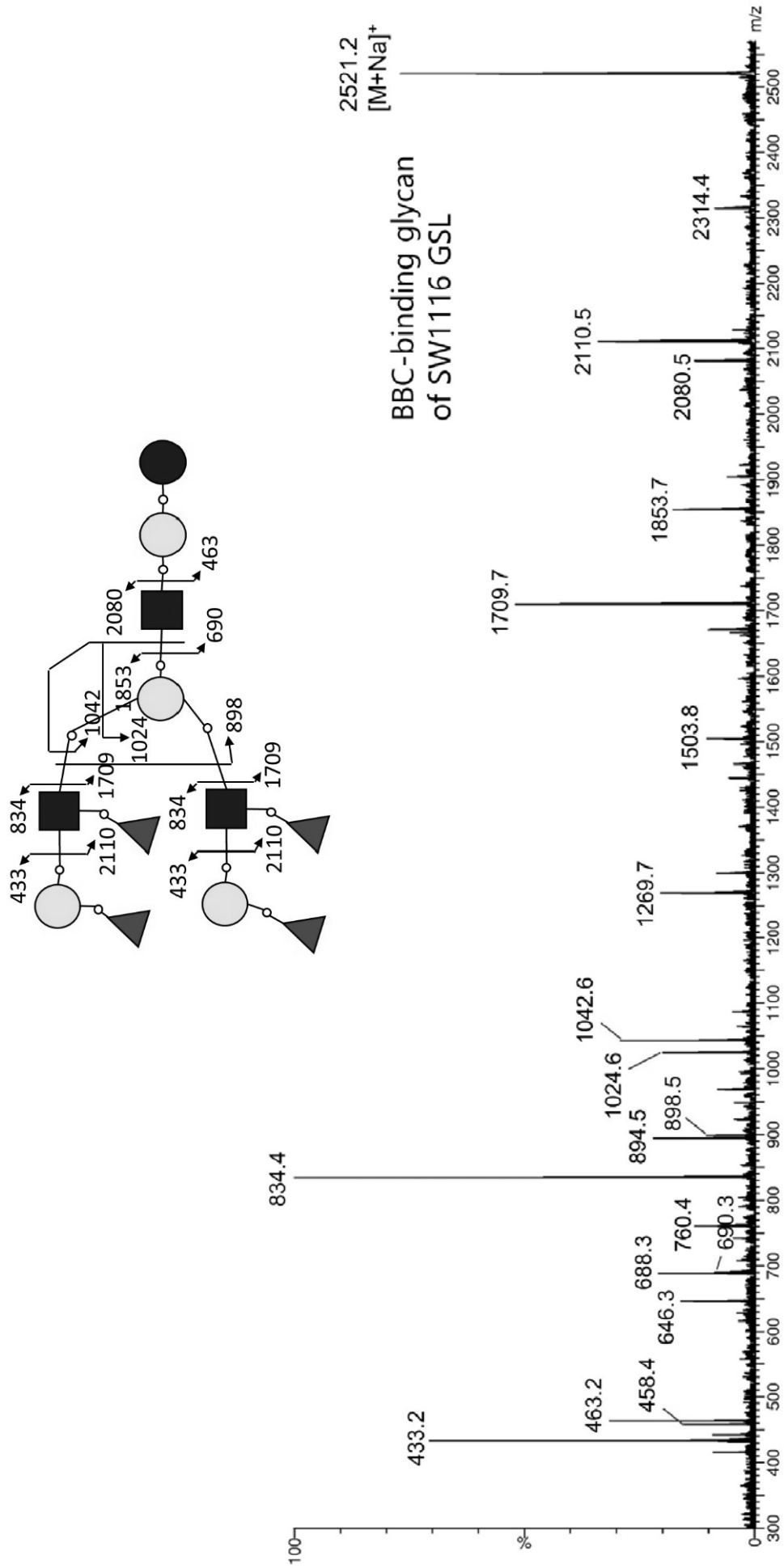


FIG. 6B

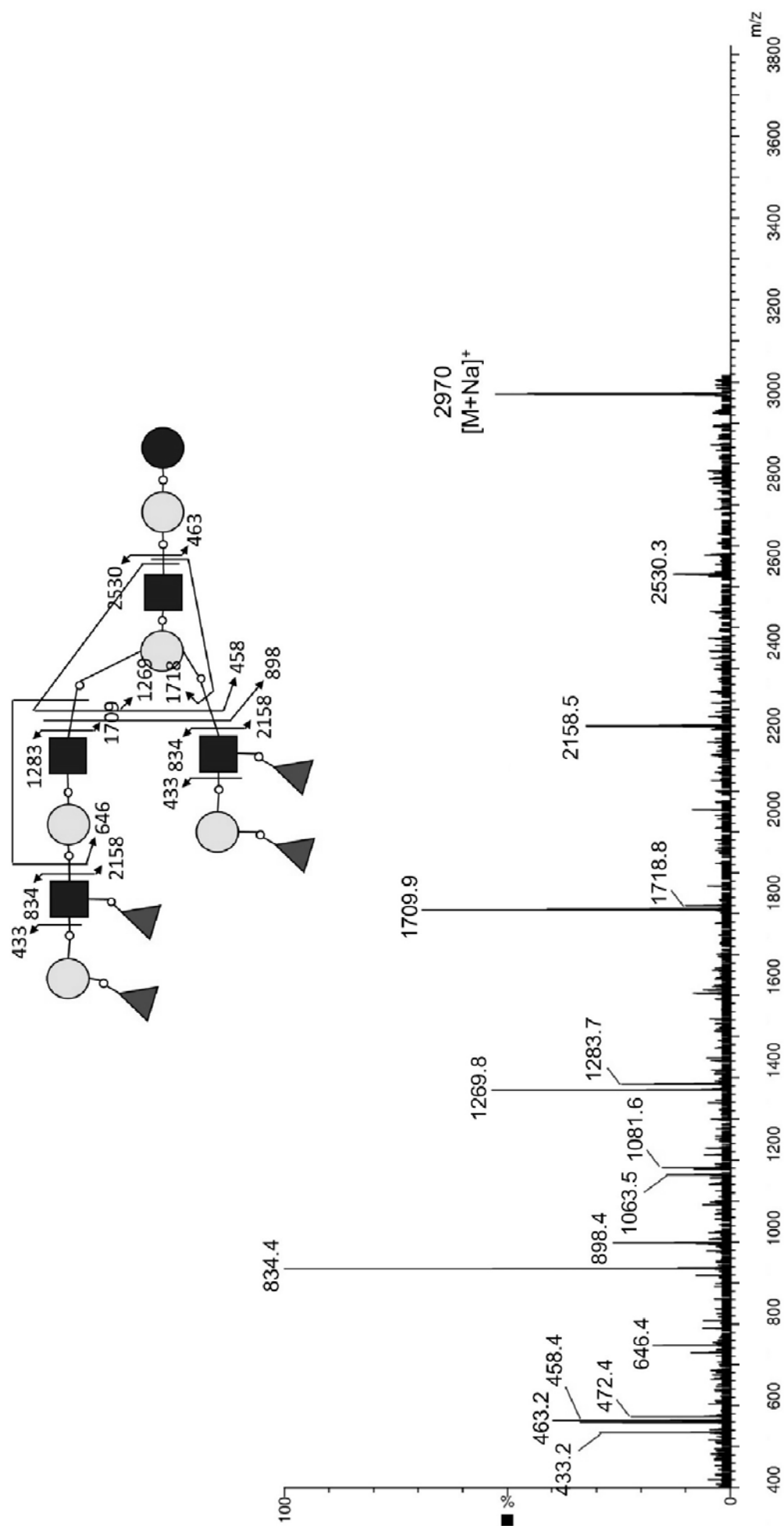


FIG. 7A

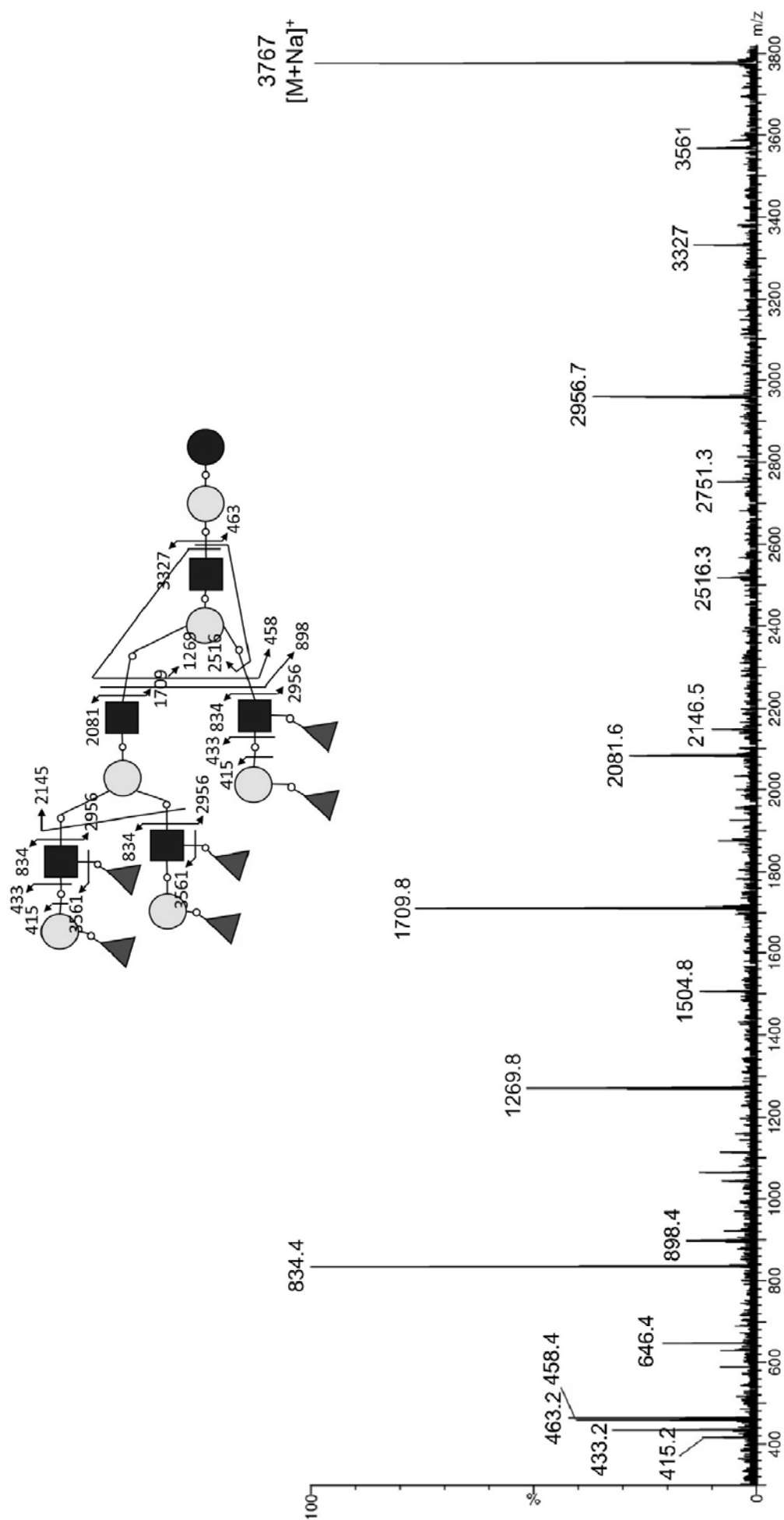


FIG. 7B

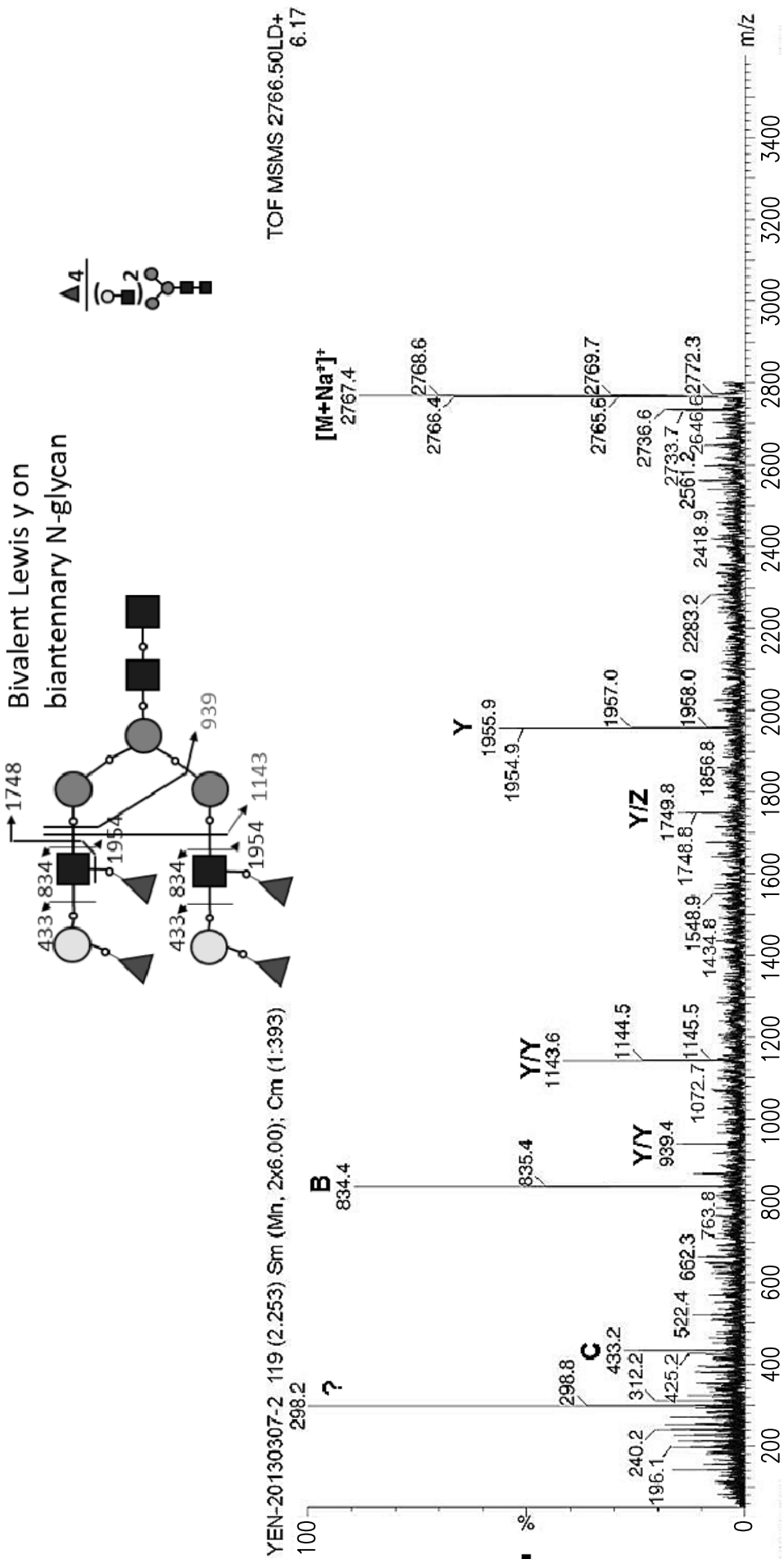


FIG. 8A

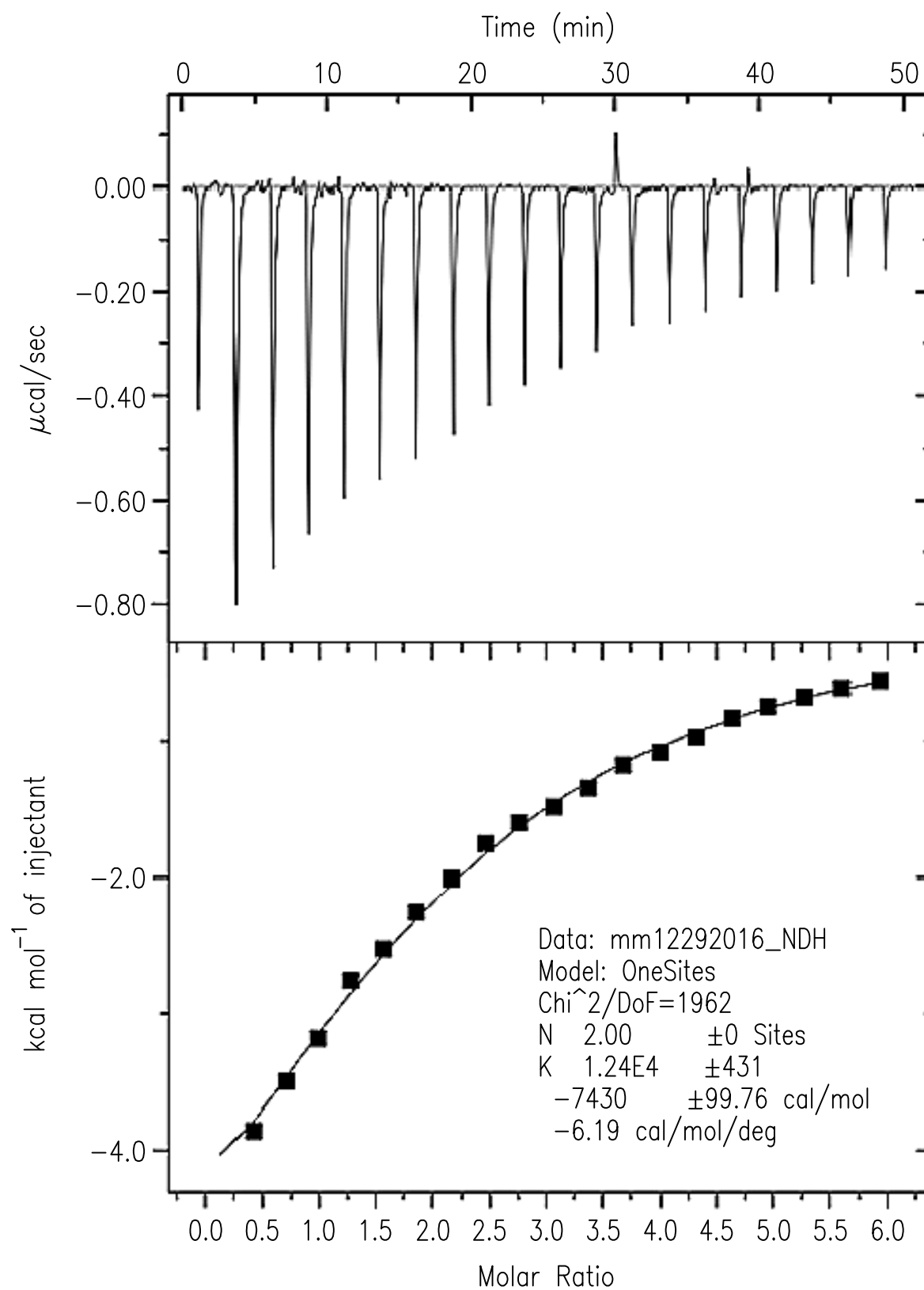


FIG. 9A

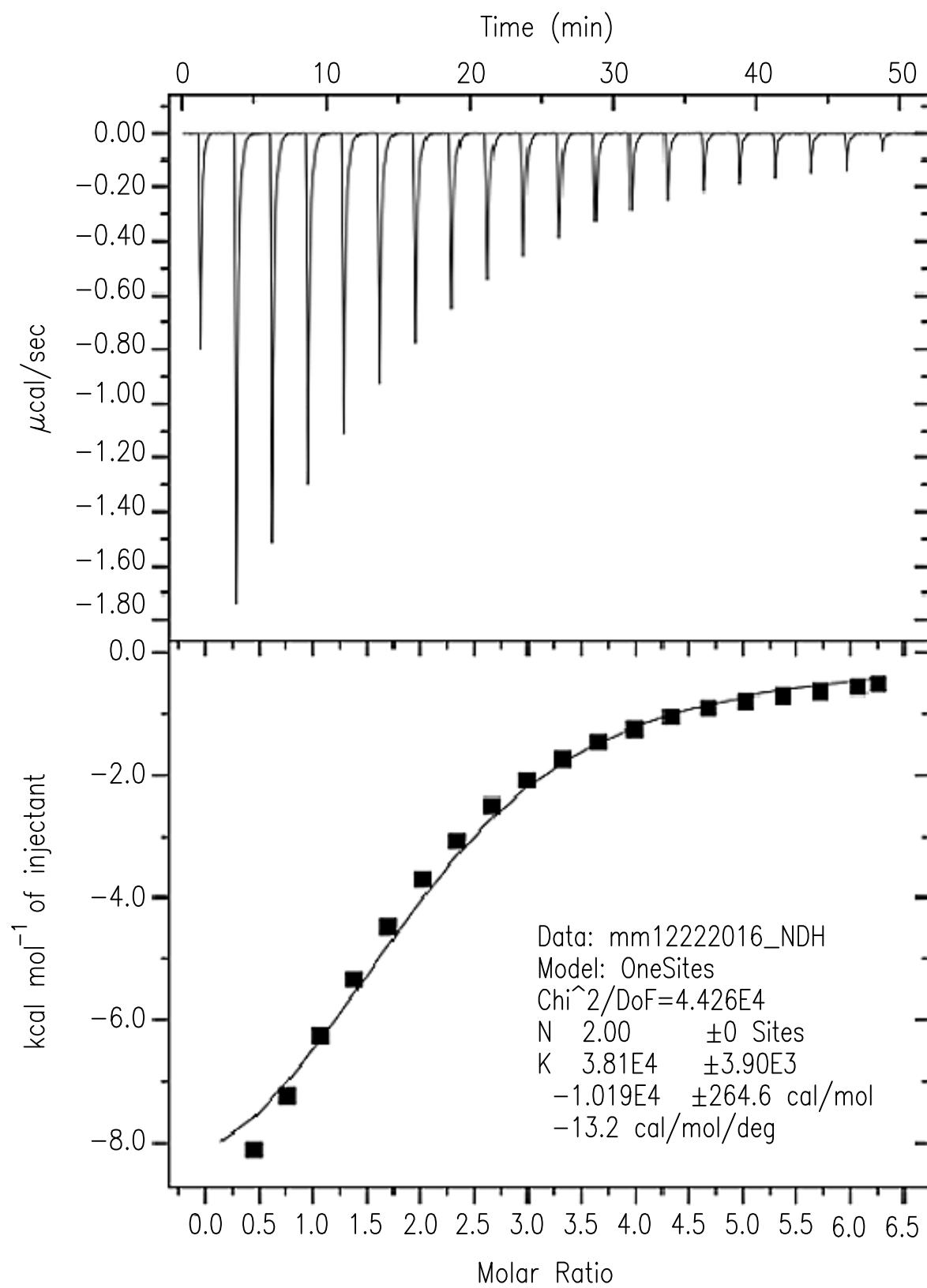


FIG. 9B

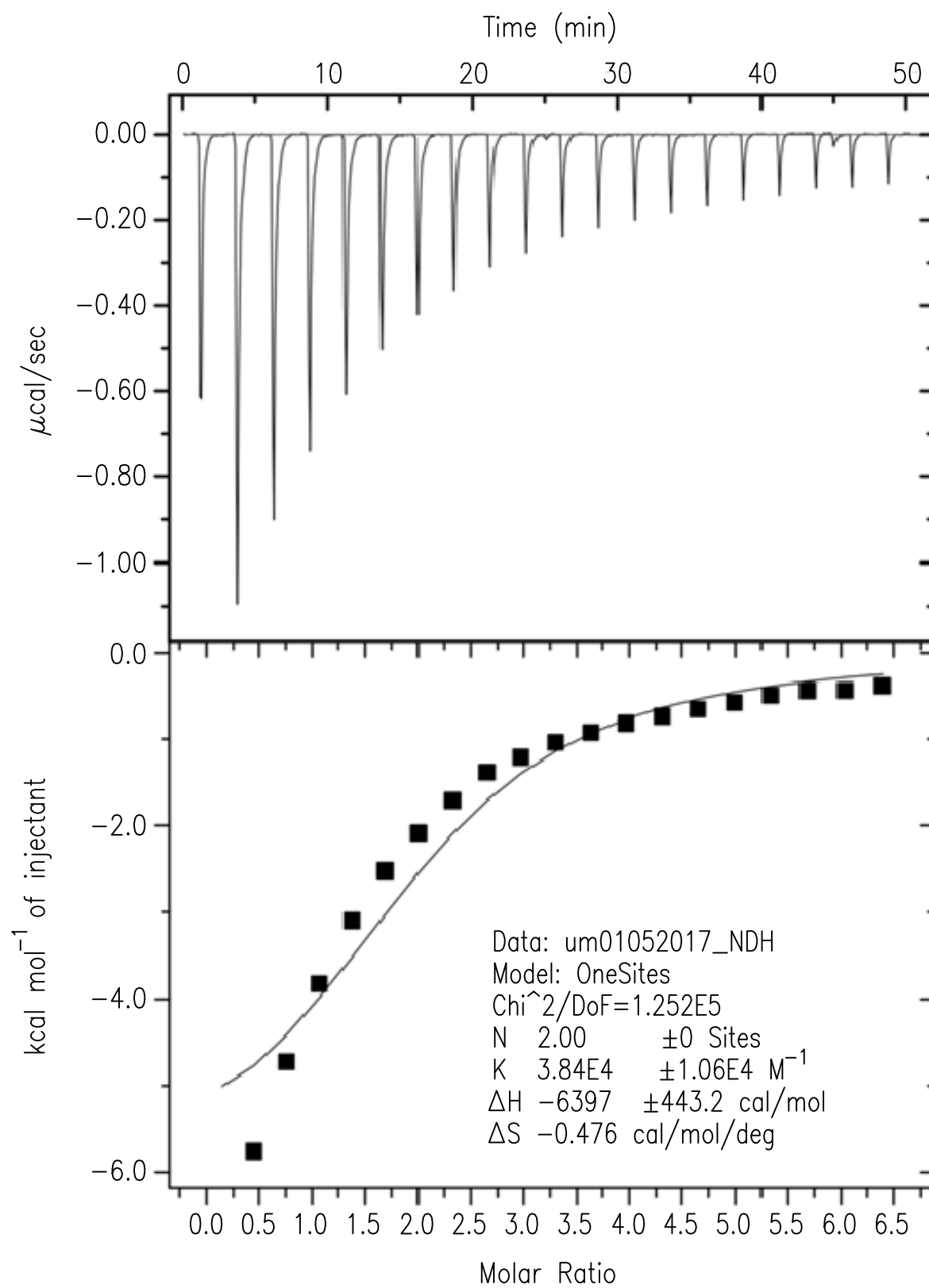


FIG. 10A

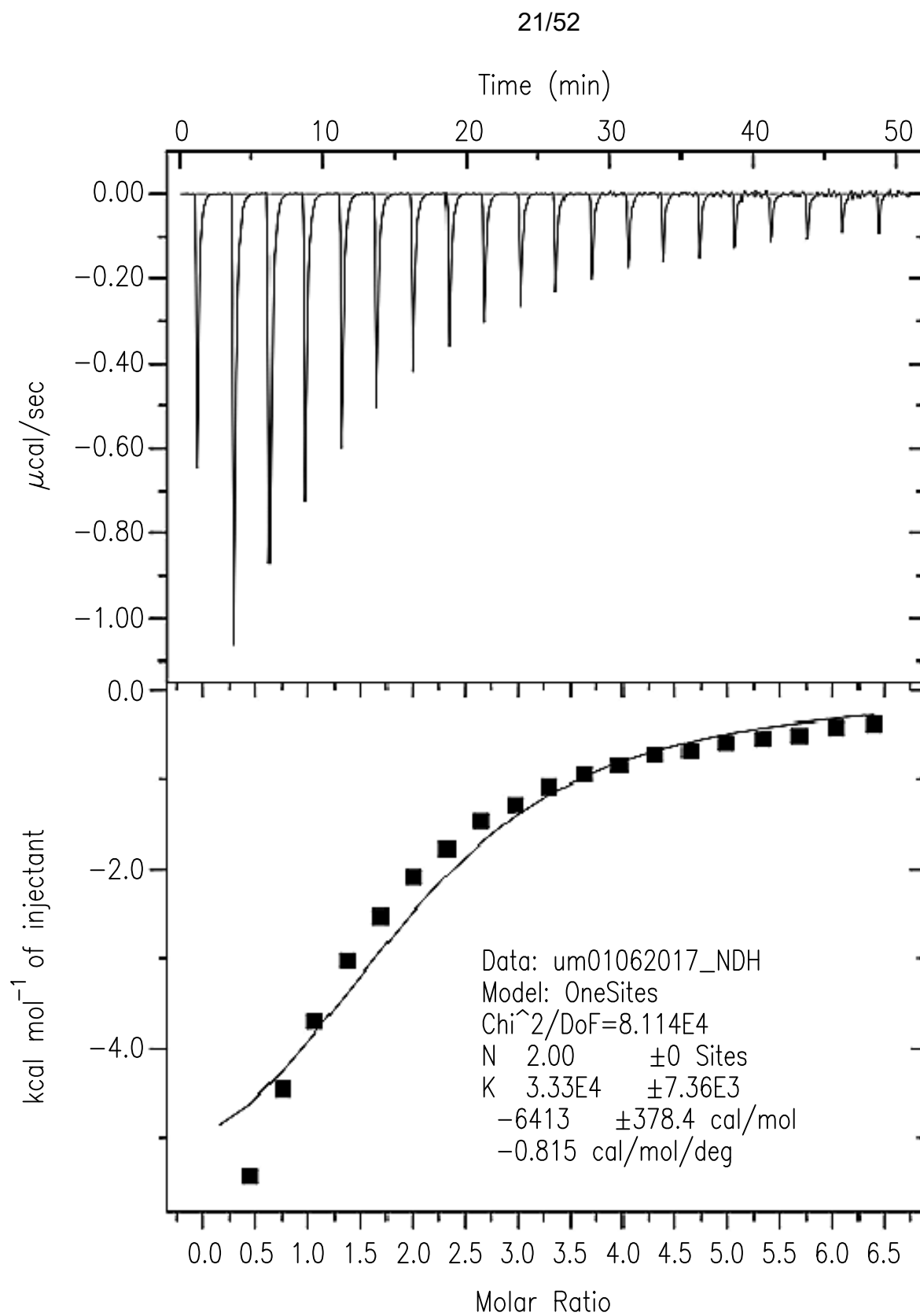


FIG. 10B

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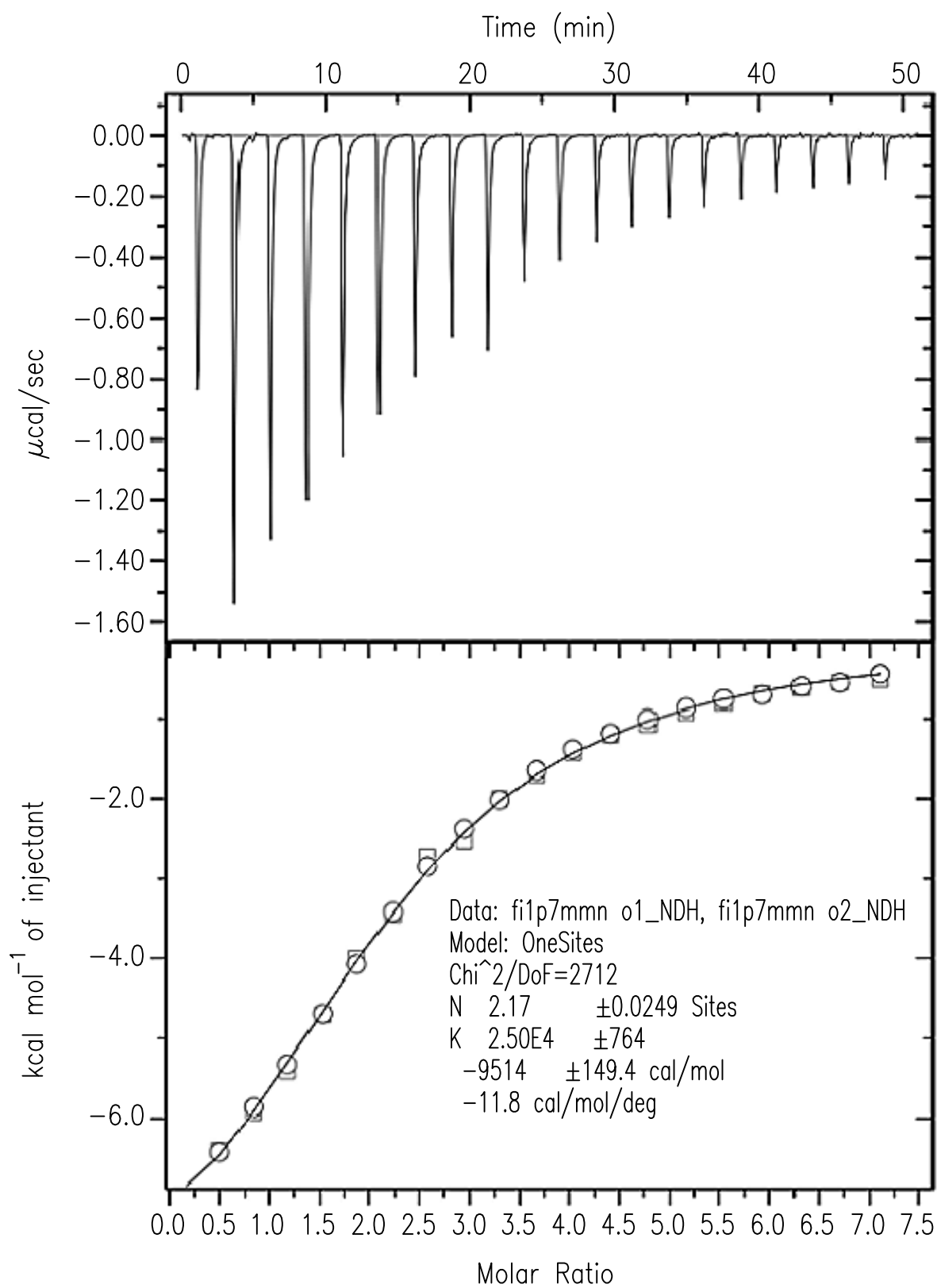


FIG. 10C

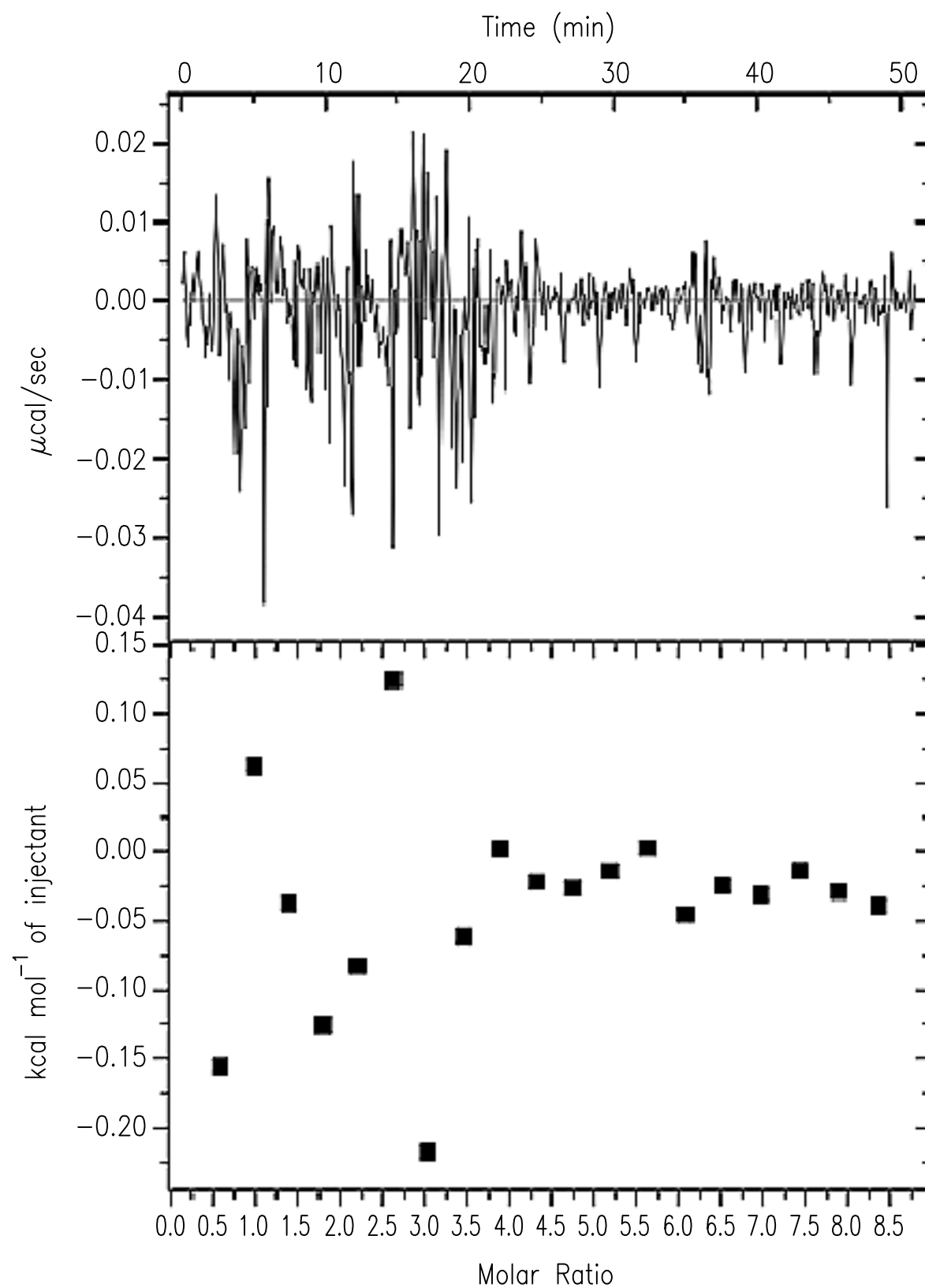


FIG. 11A

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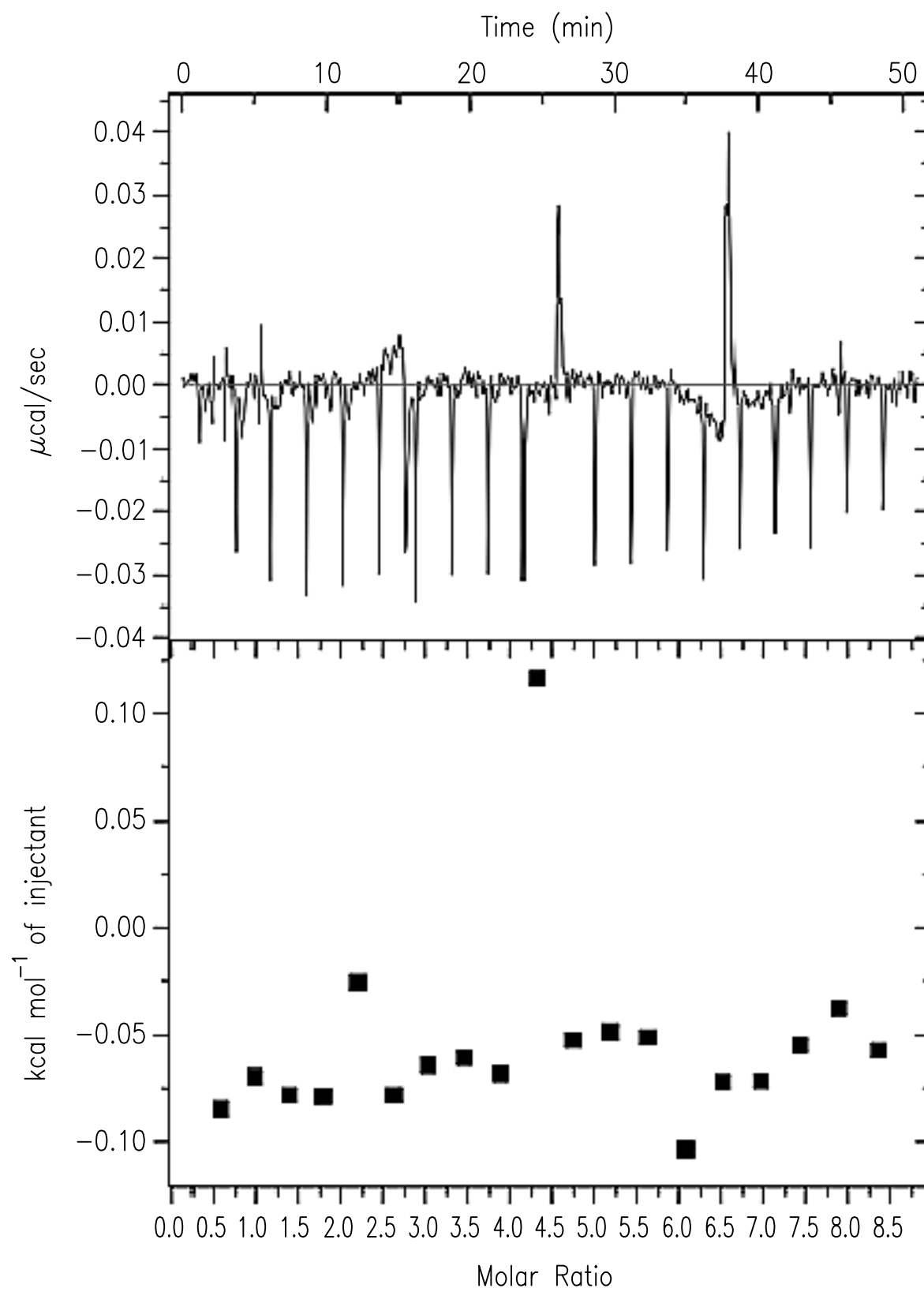


FIG. 11B

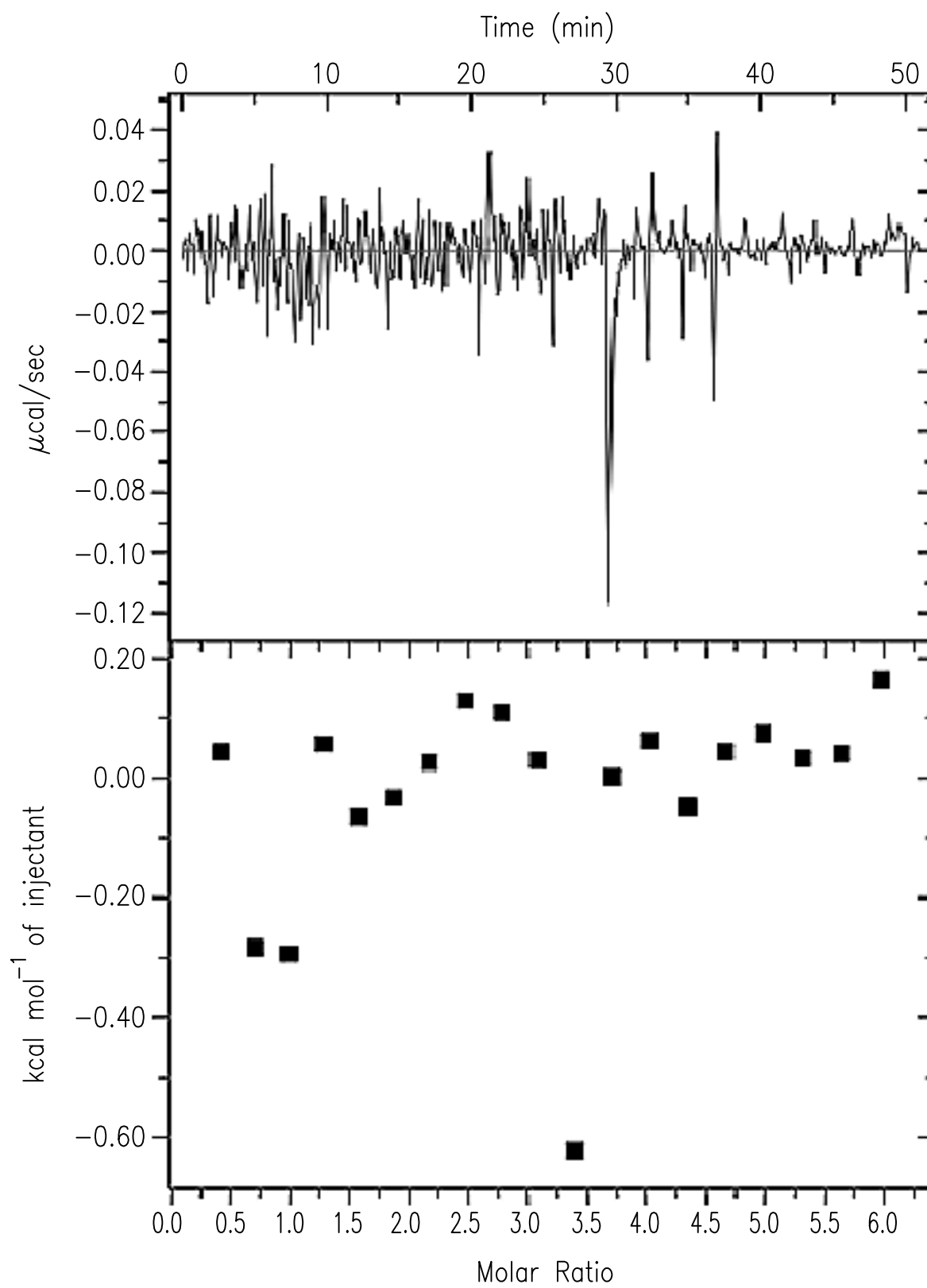


FIG. 11C

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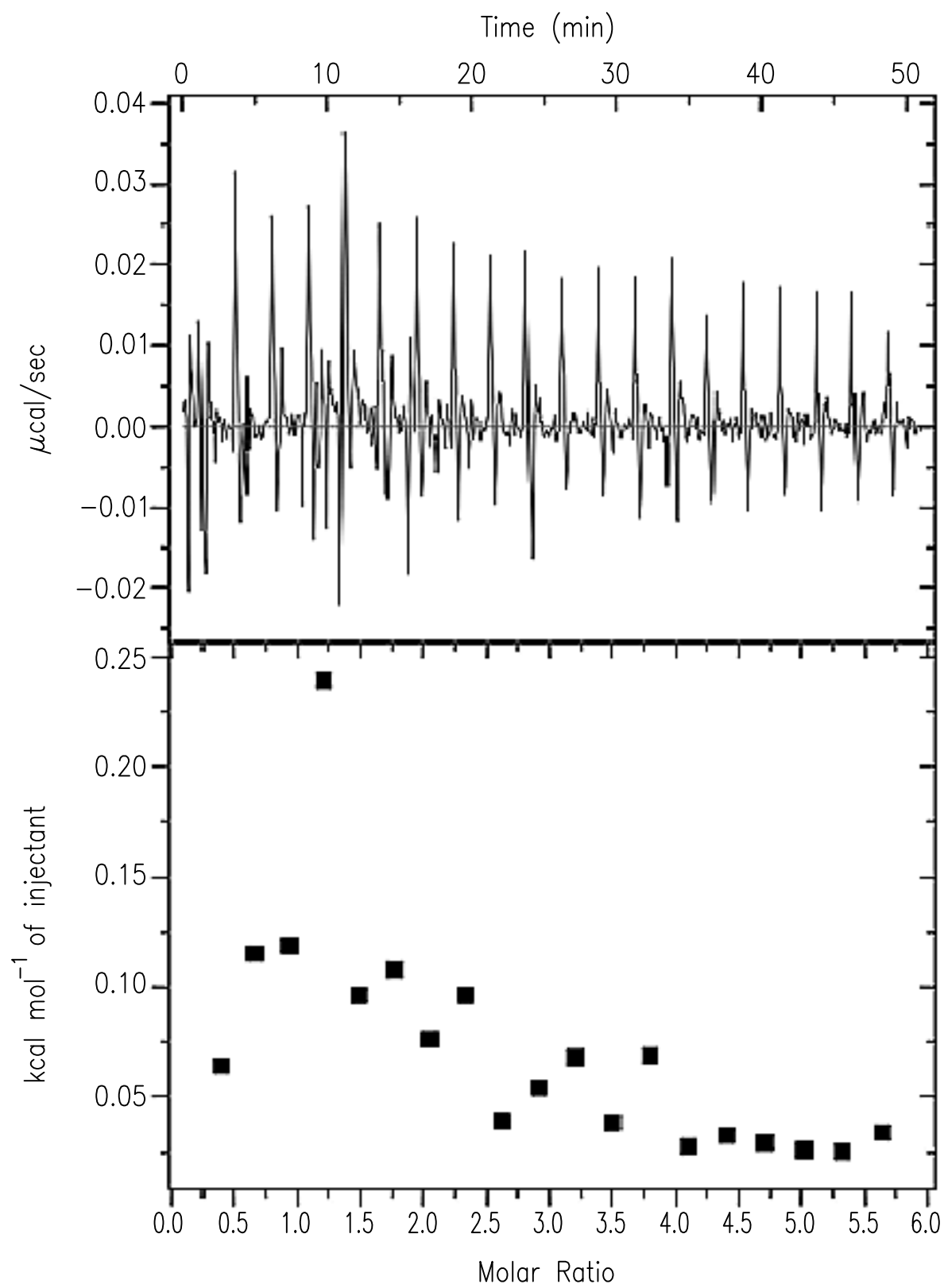


FIG. 11D

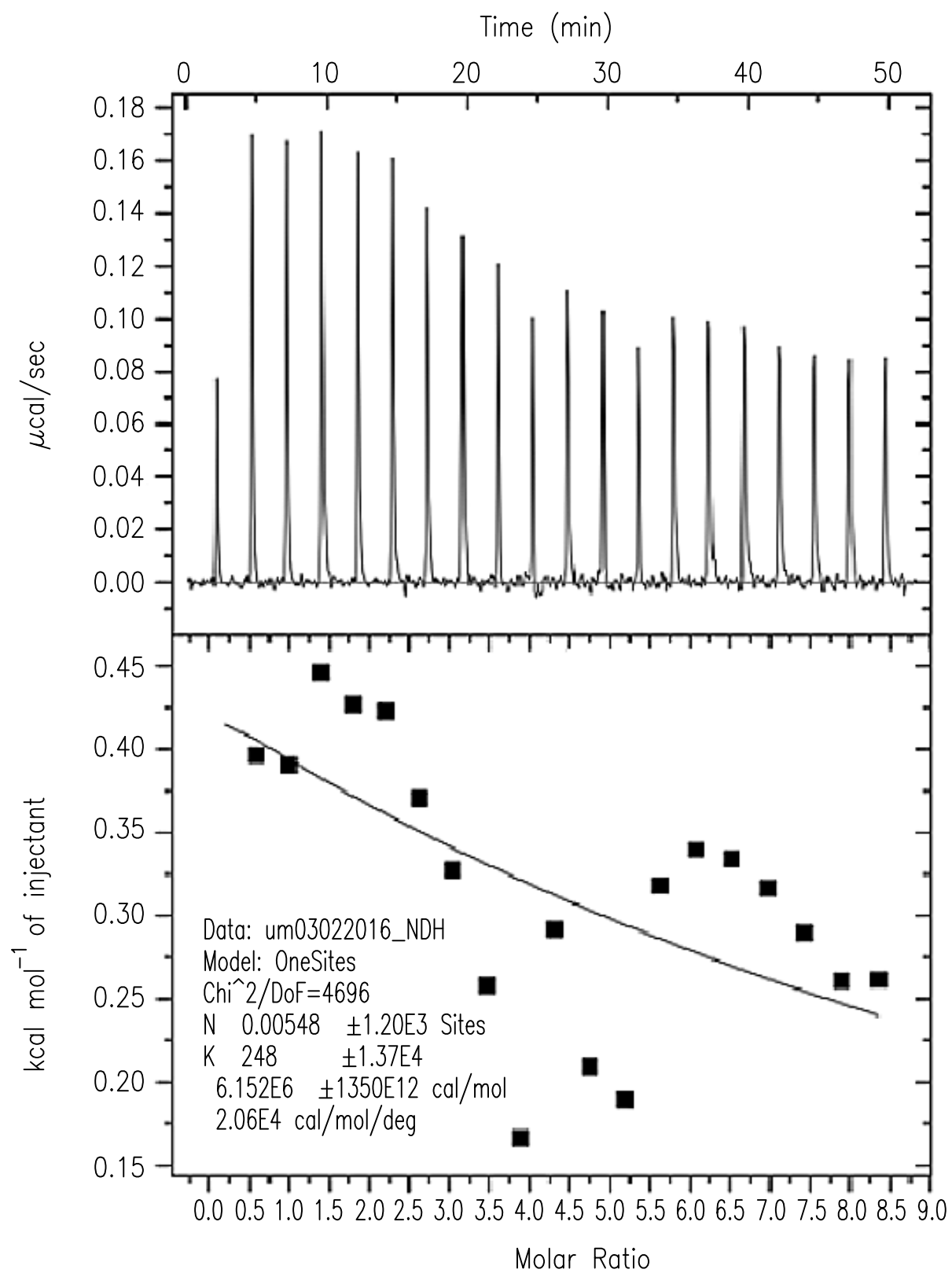


FIG. 11E

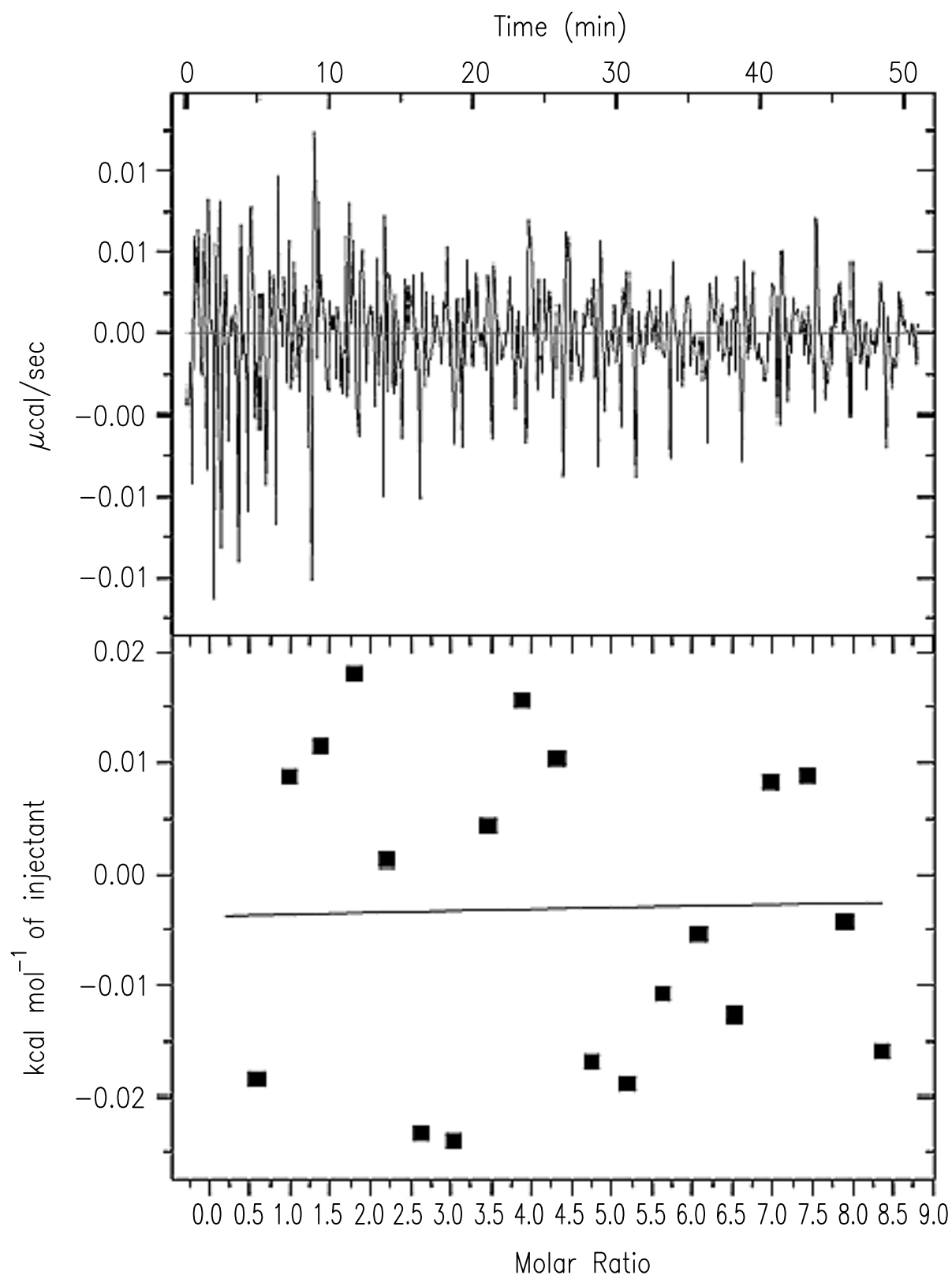


FIG. 11F

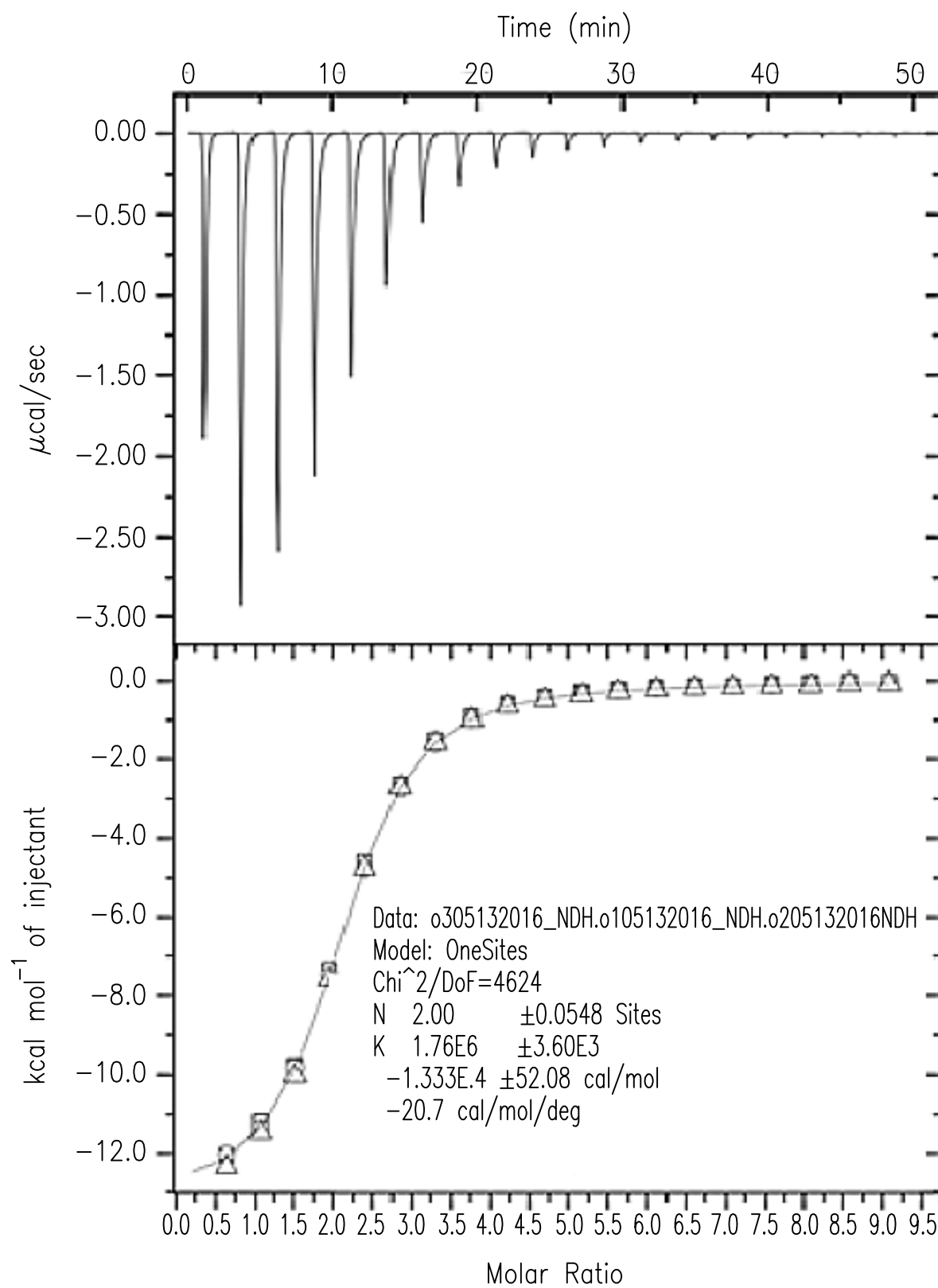


FIG. 12A

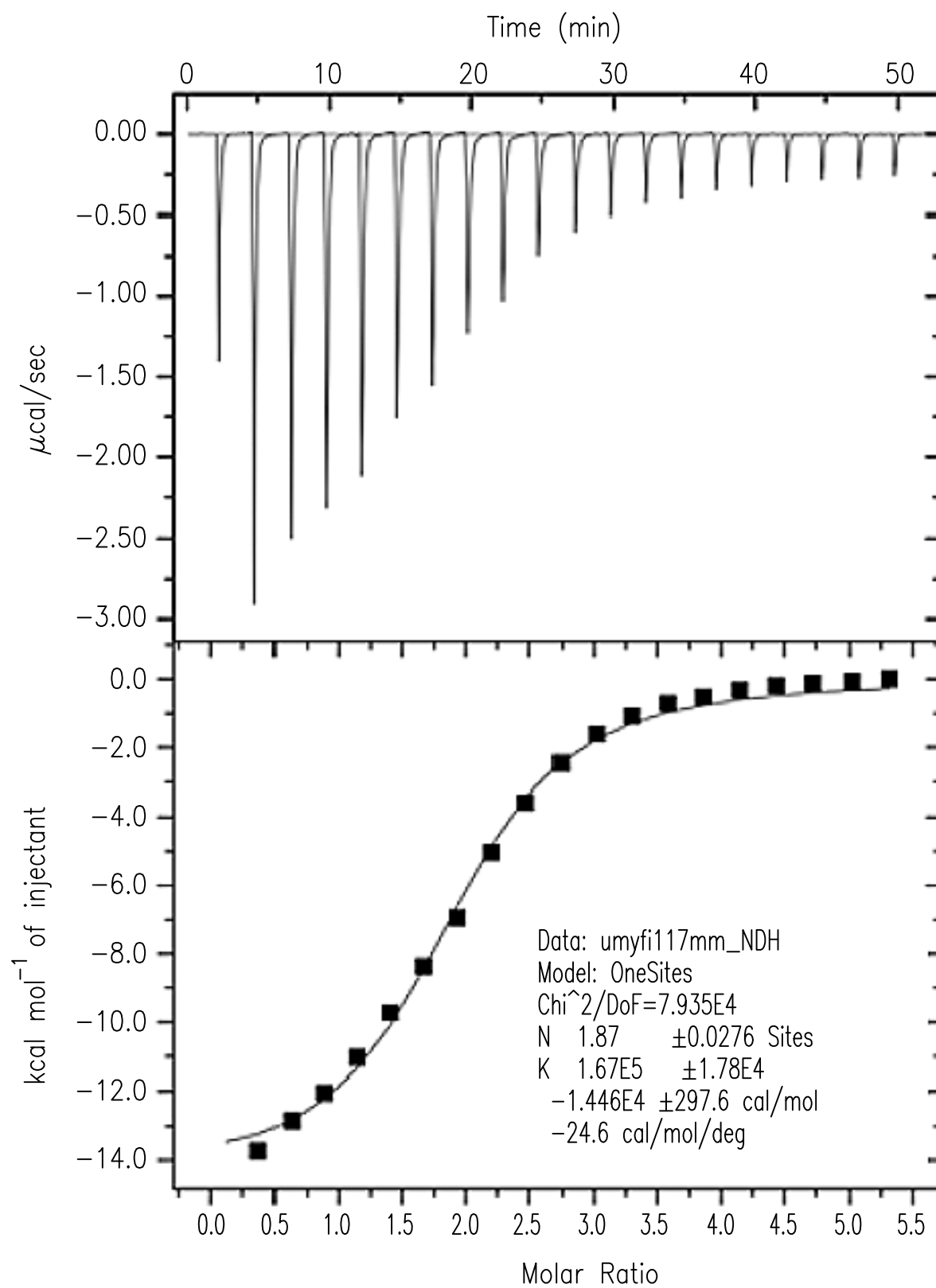


FIG. 12B

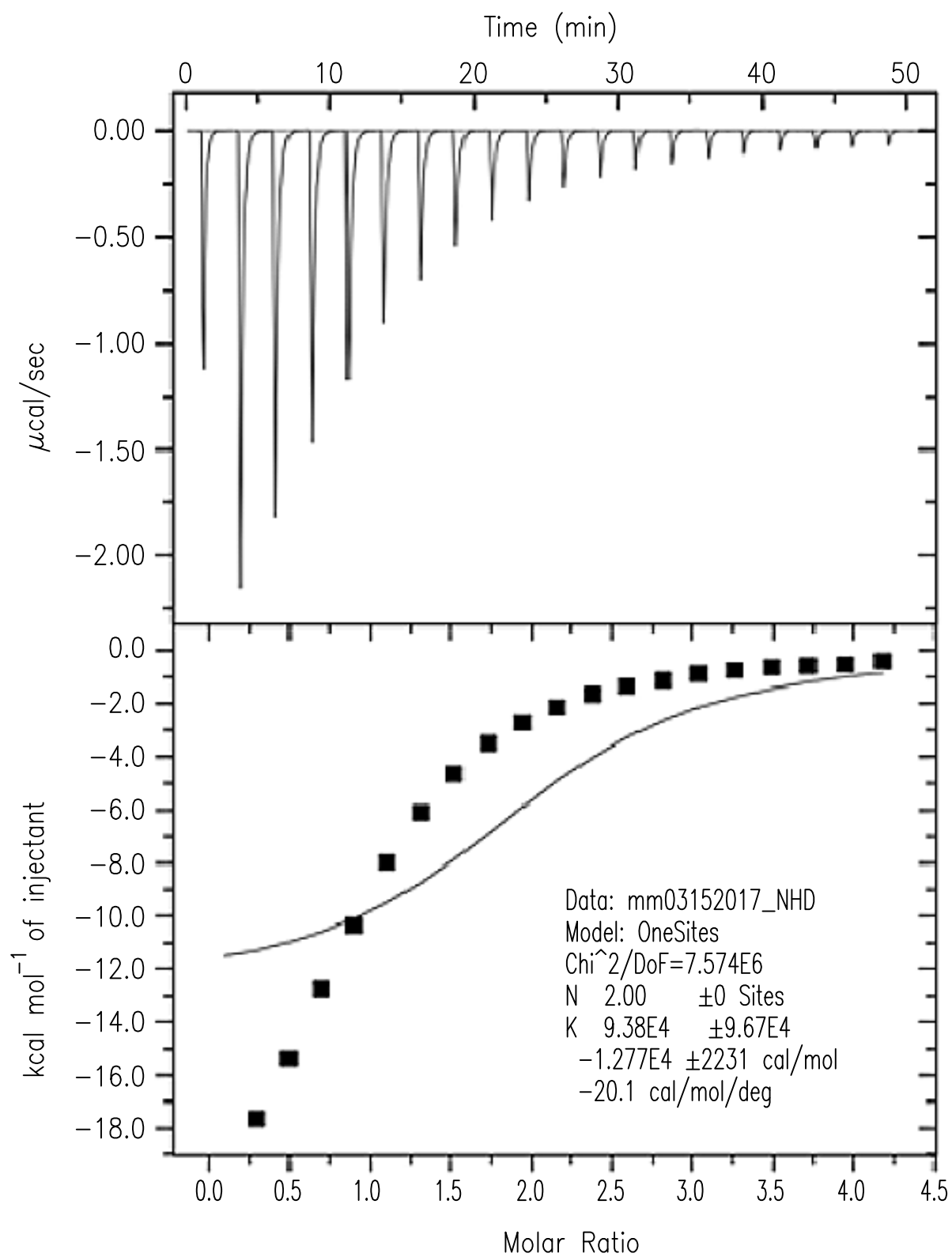


FIG. 12C

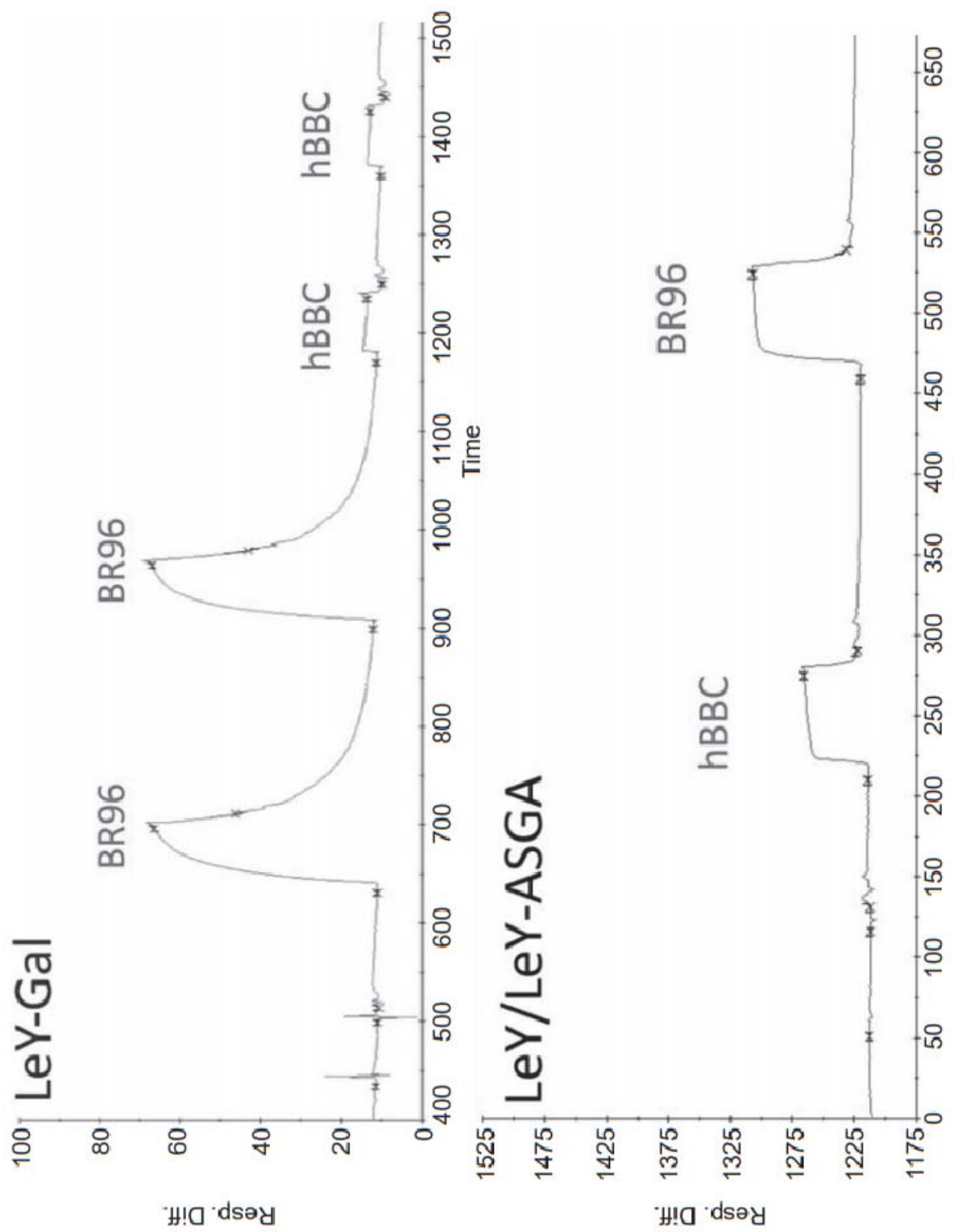


FIG. 13A

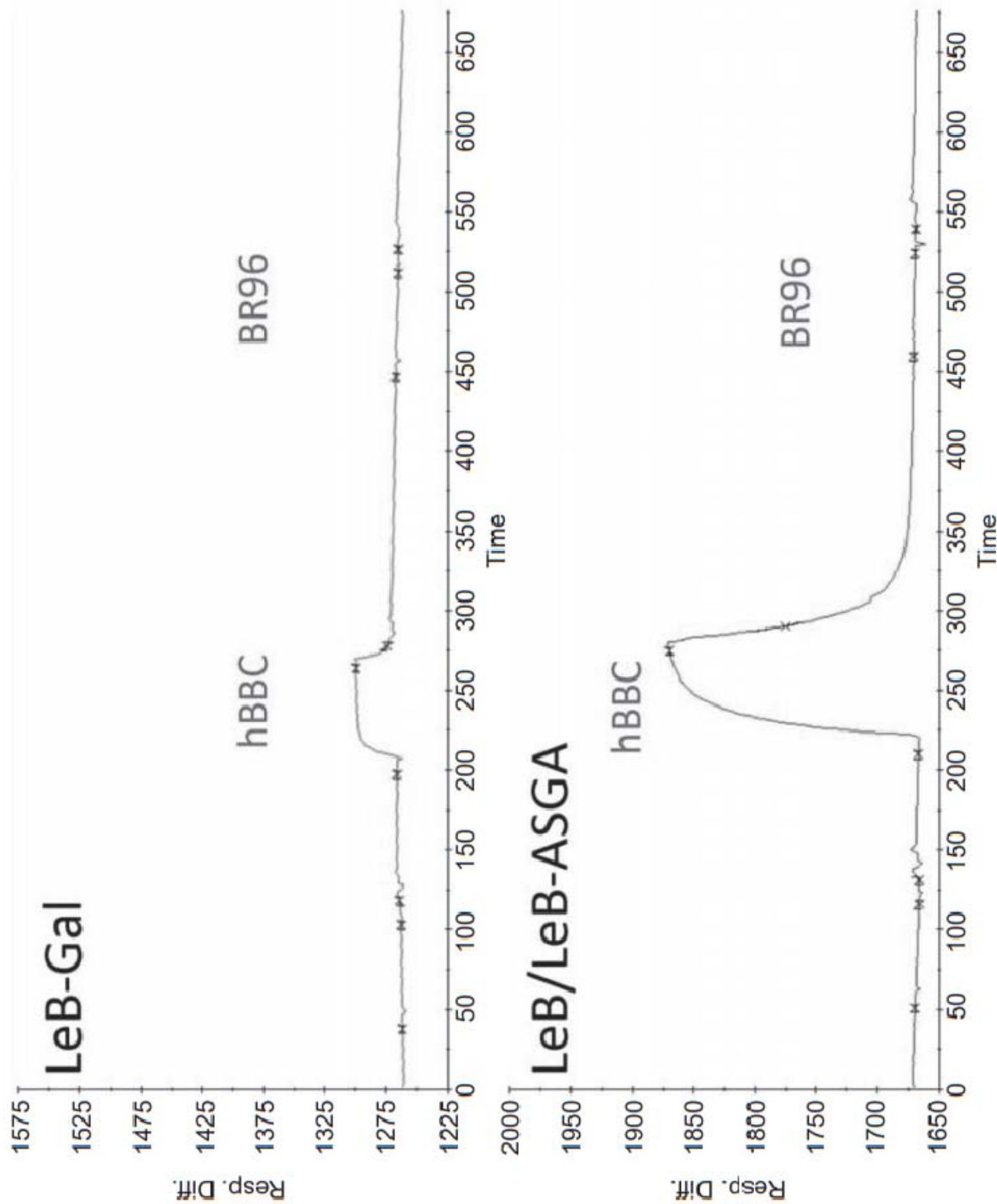


FIG. 13B

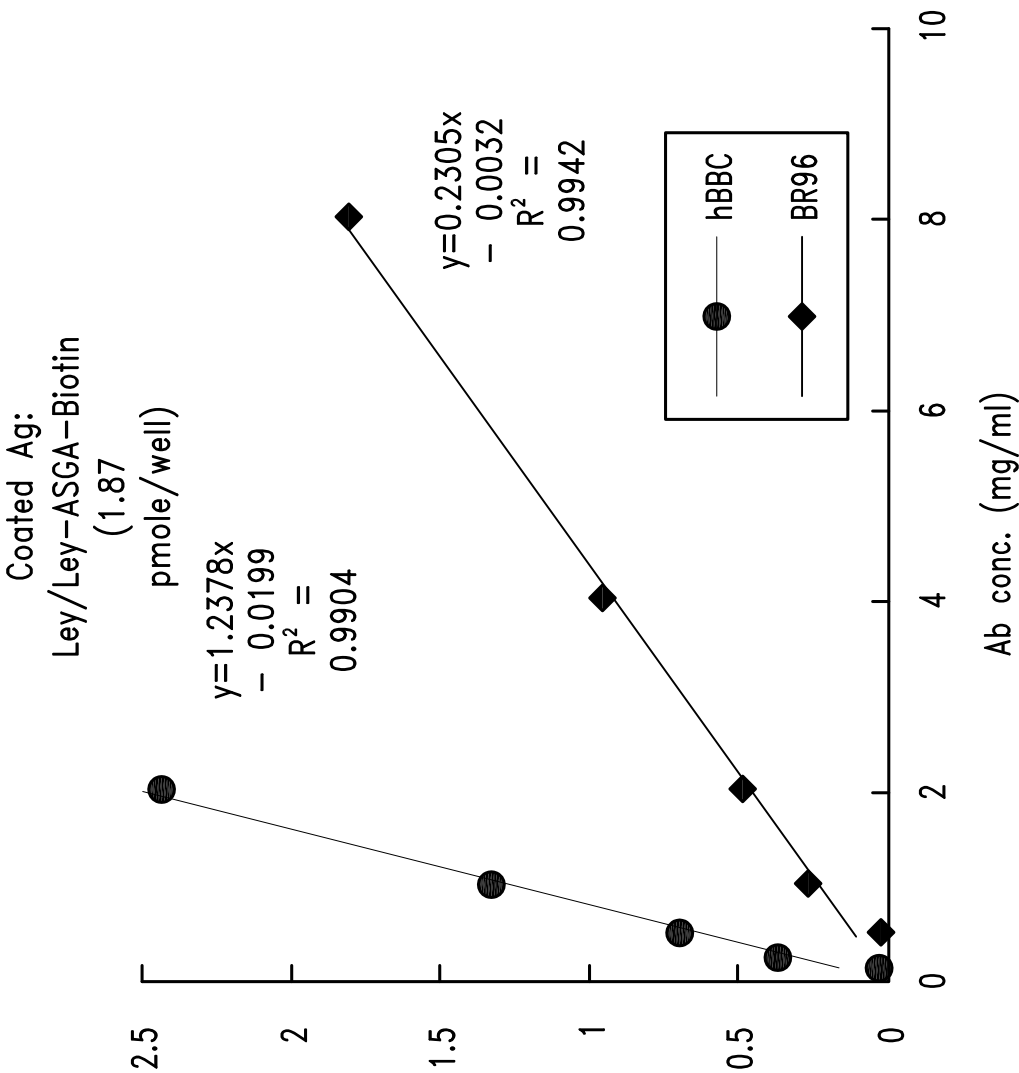


FIG. 14A

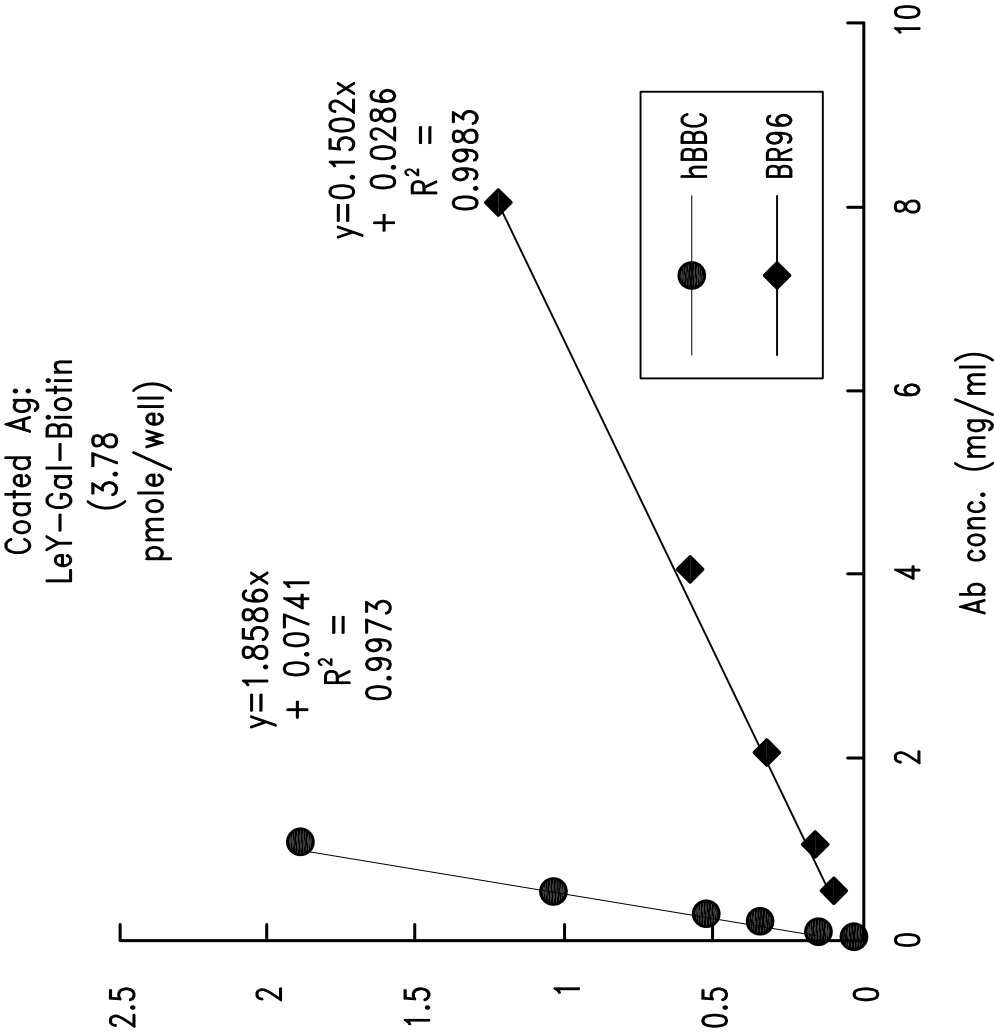


FIG. 14B

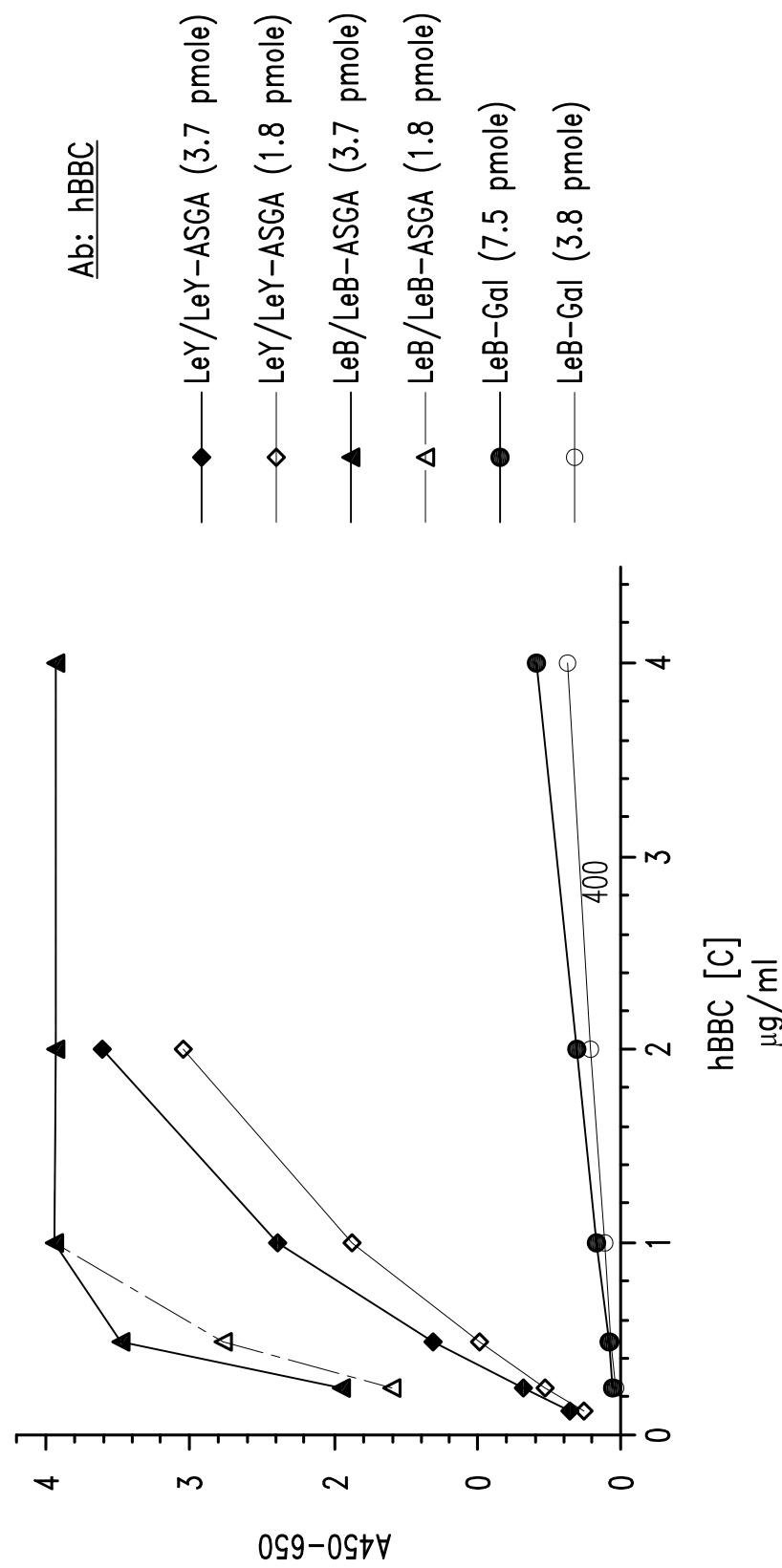


FIG. 15

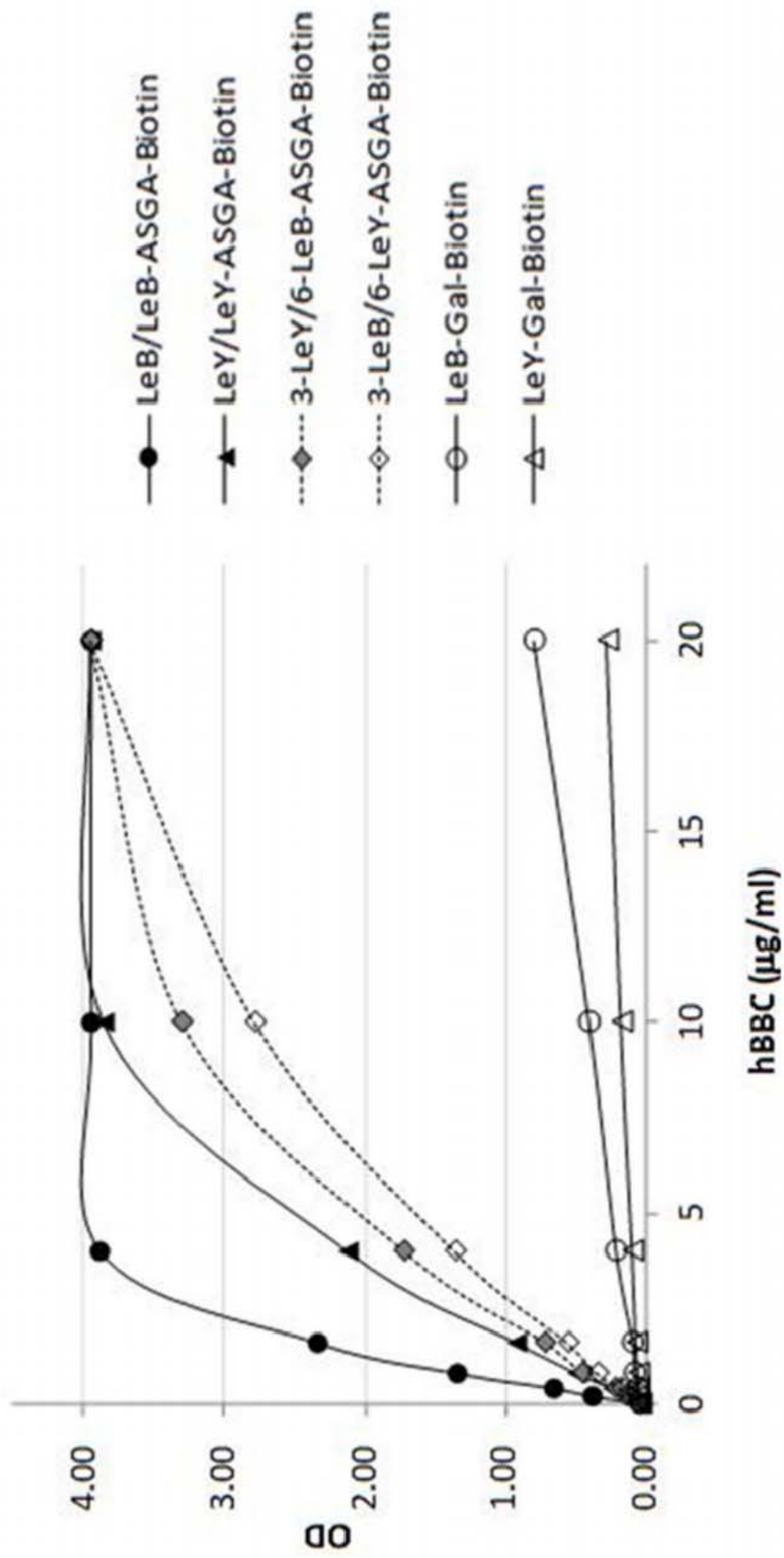


FIG. 16A

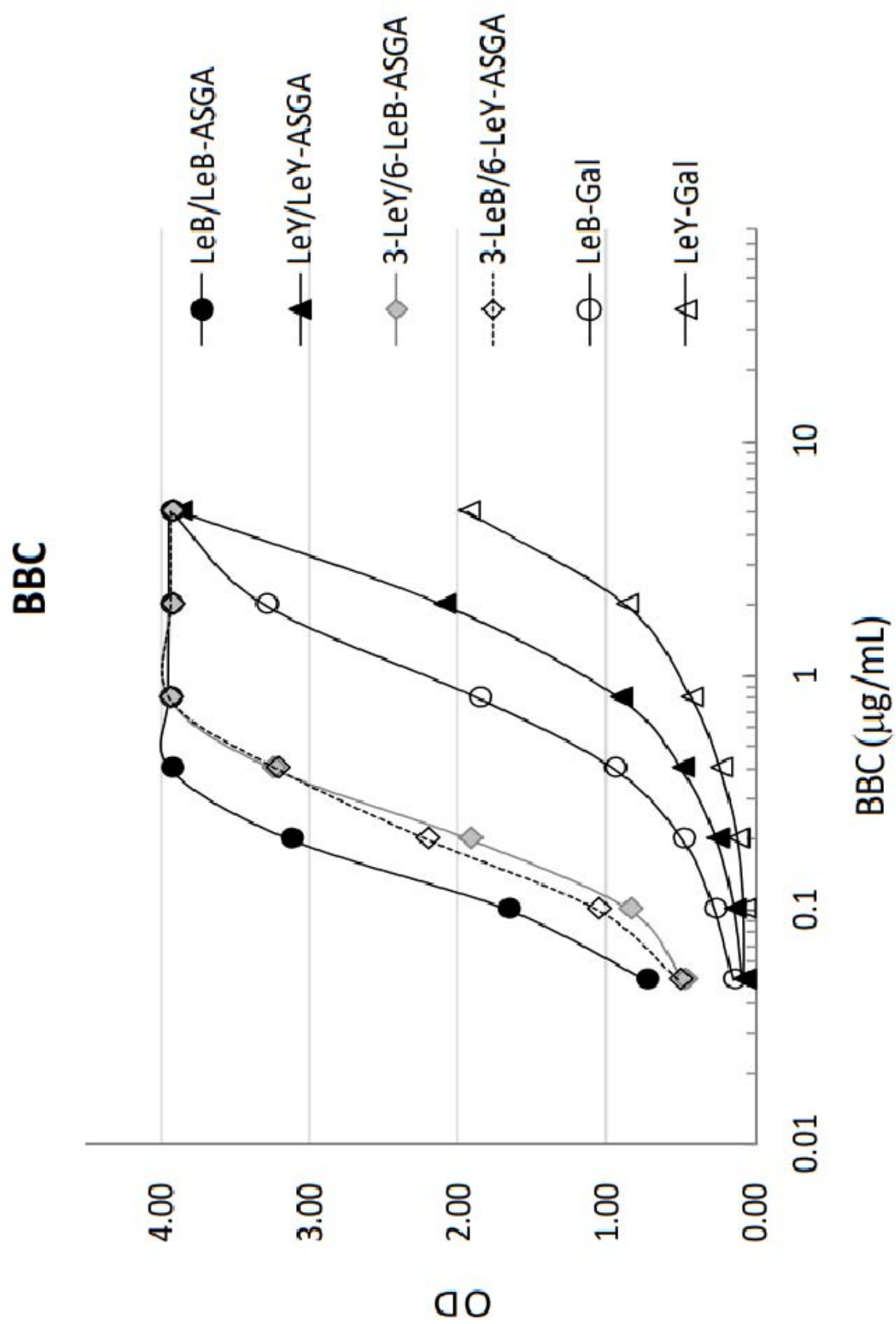


FIG. 16B

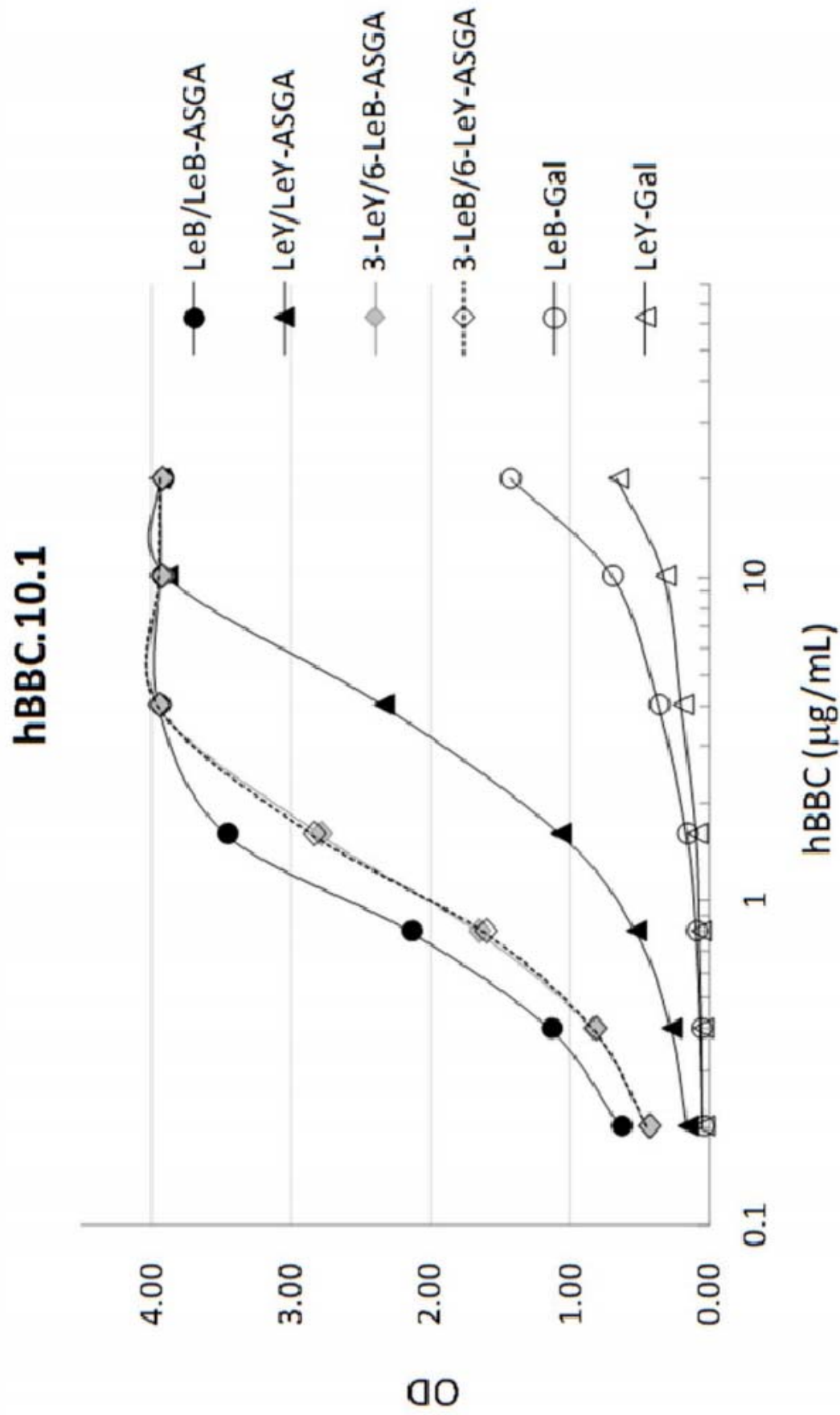


FIG. 16C

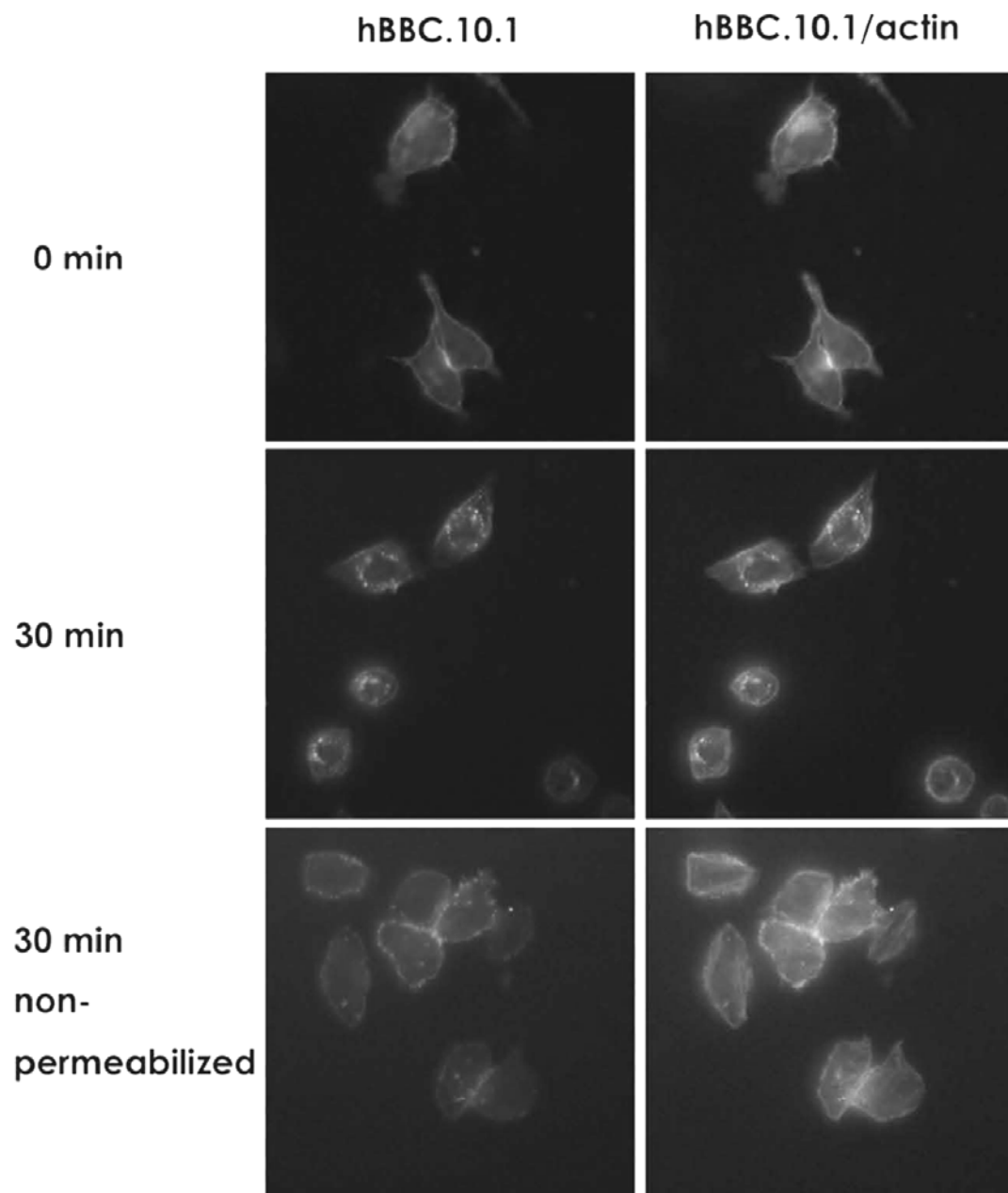


FIG. 17

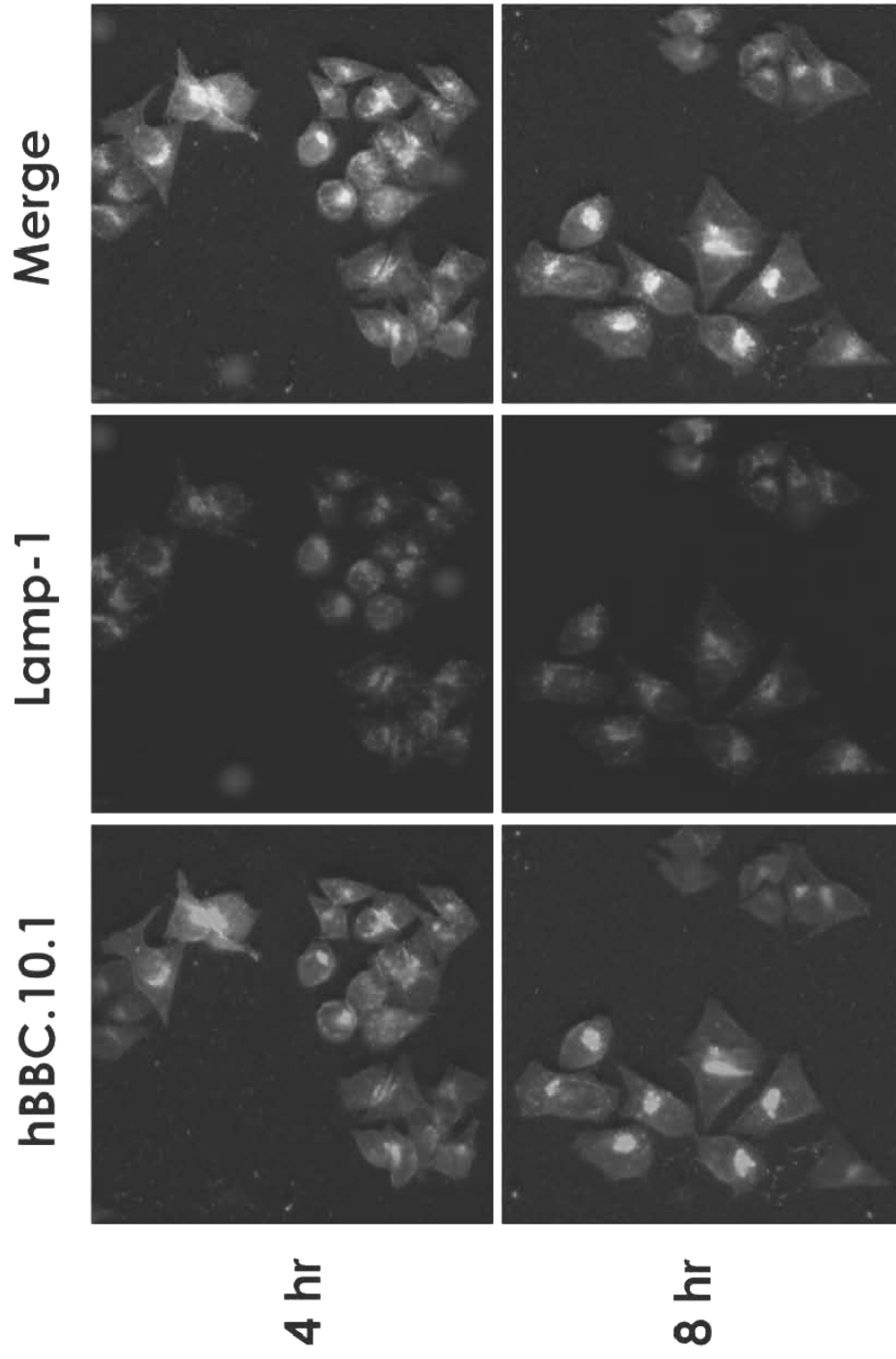


FIG. 18

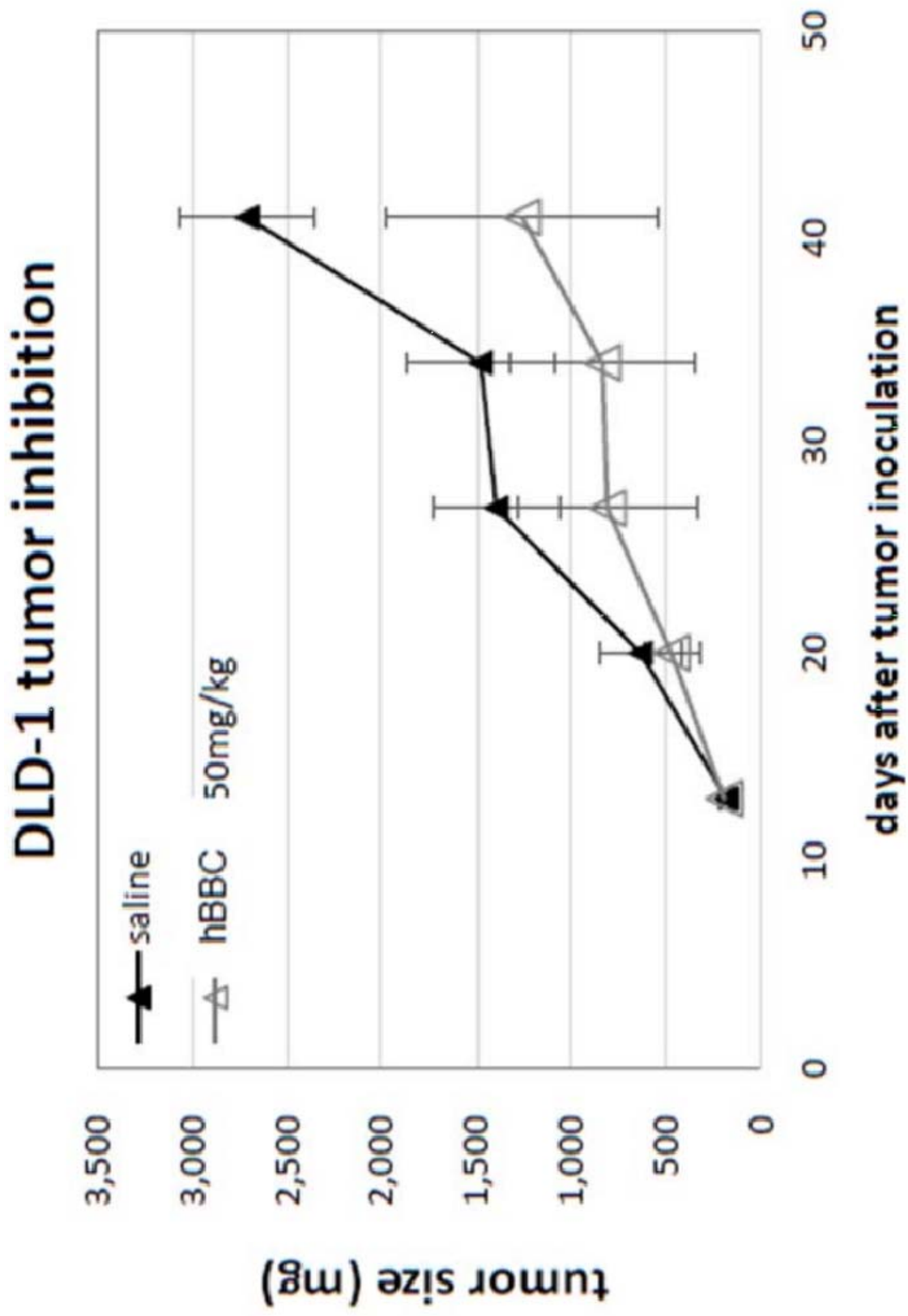


FIG. 19A

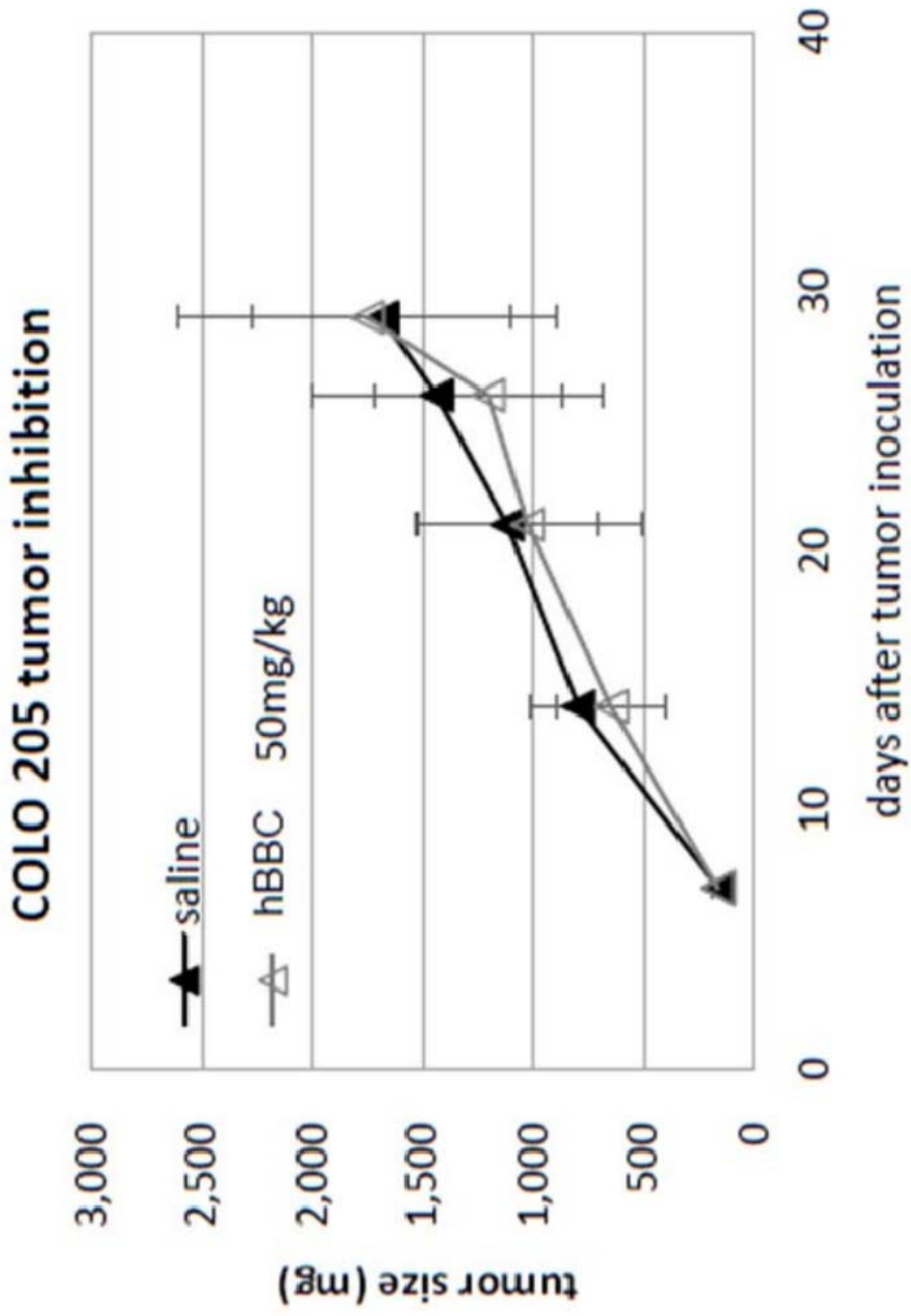


FIG. 19B

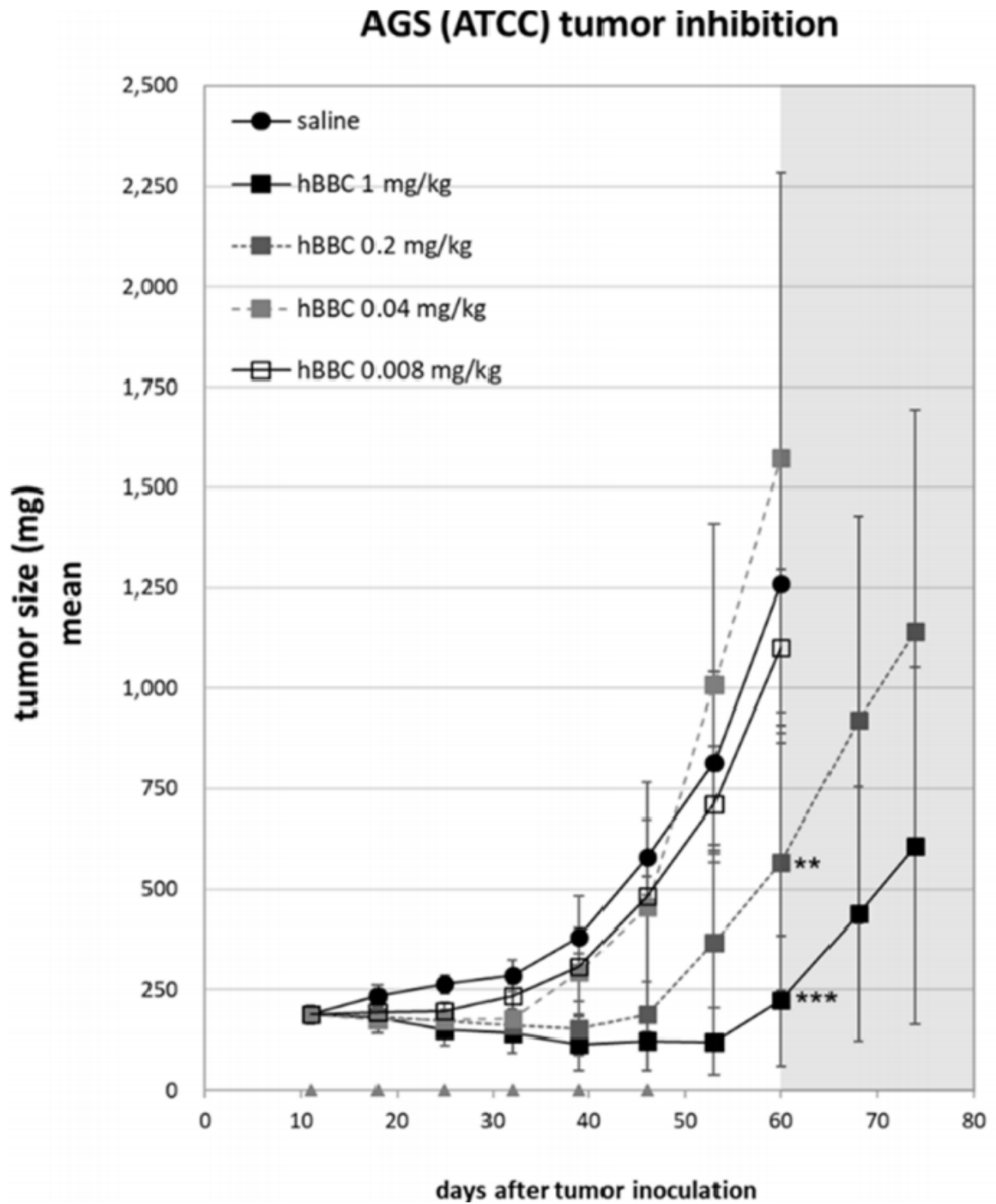


FIG. 20A

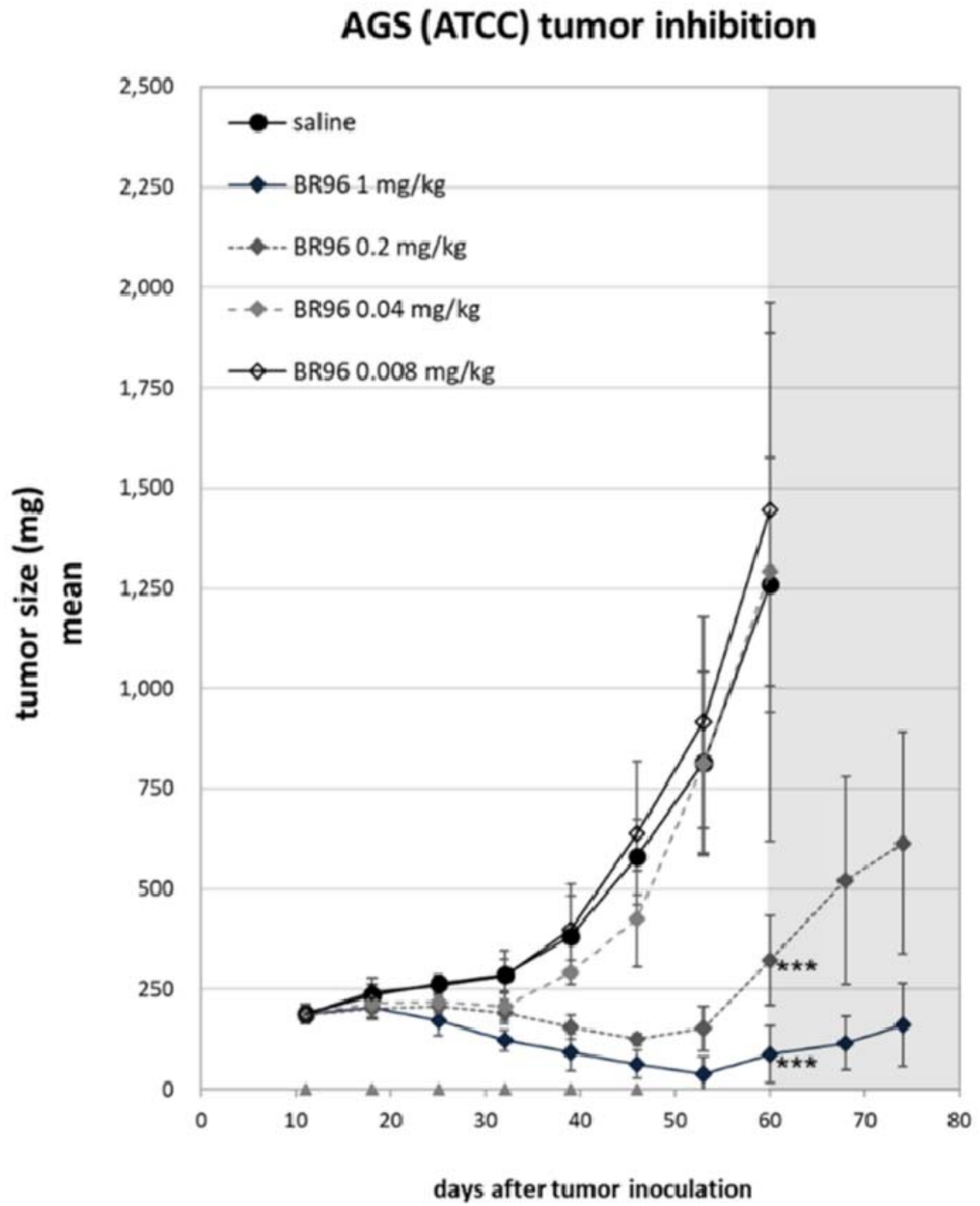


FIG. 20B

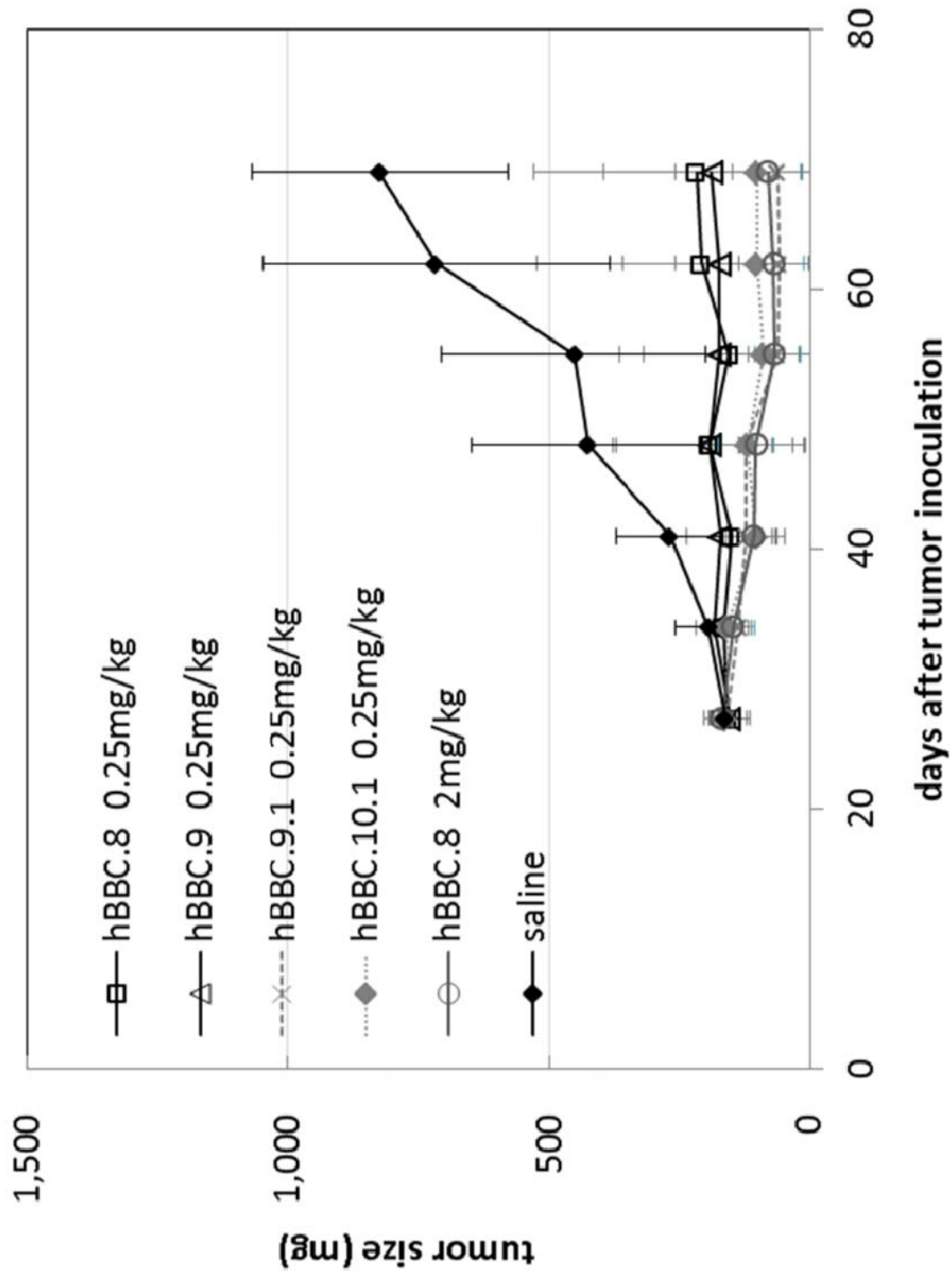


FIG. 20C

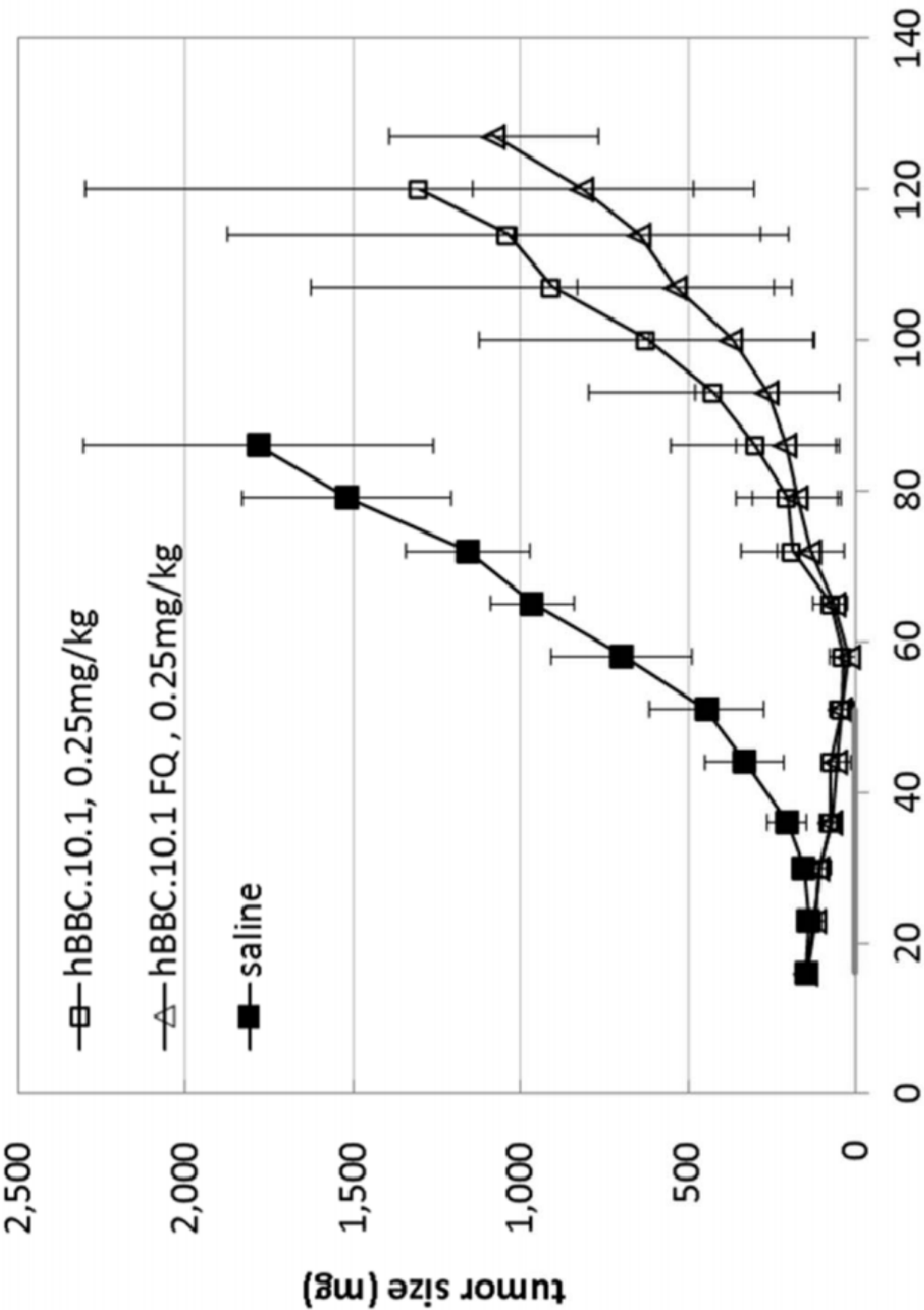


FIG. 20D

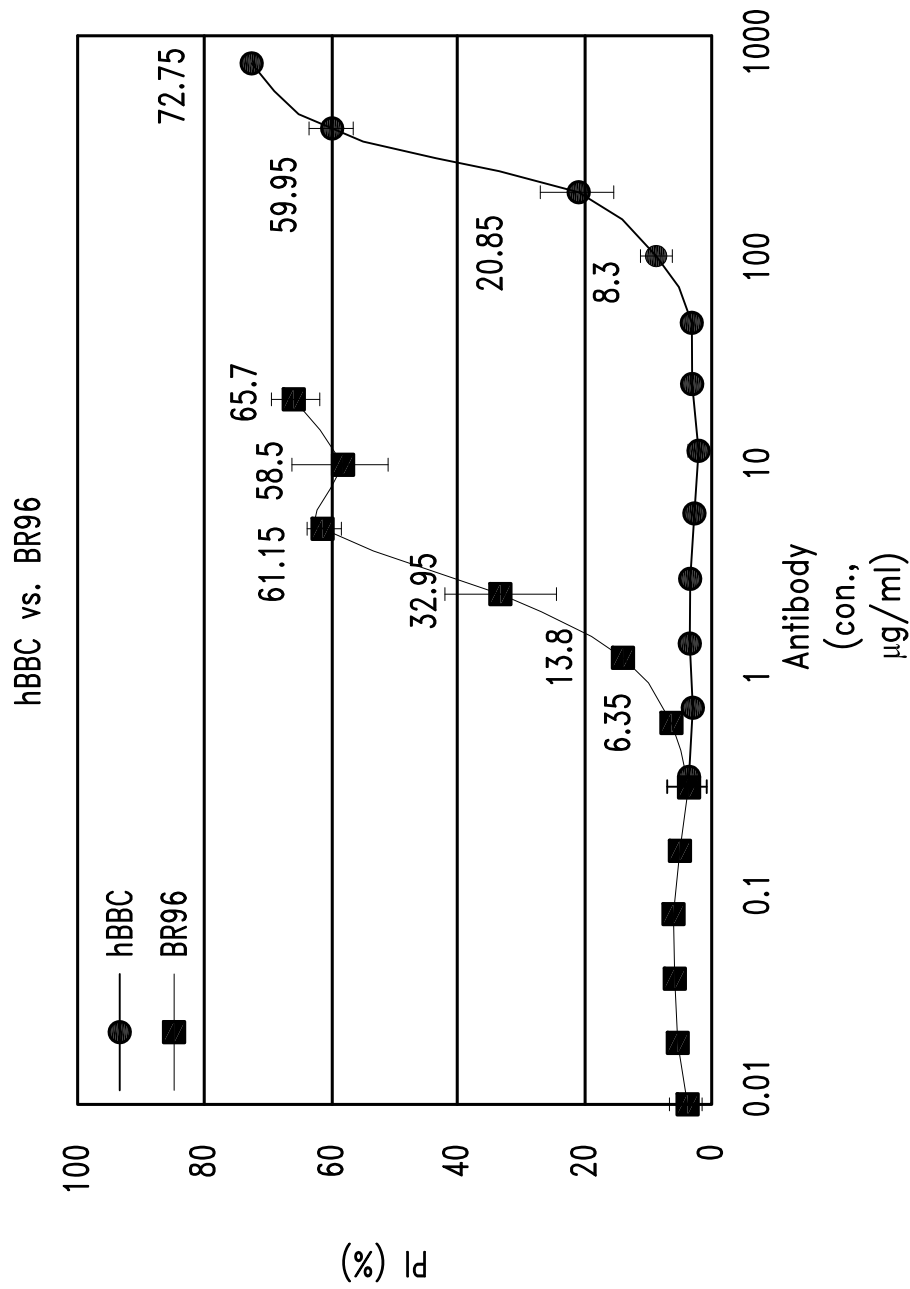


FIG. 21

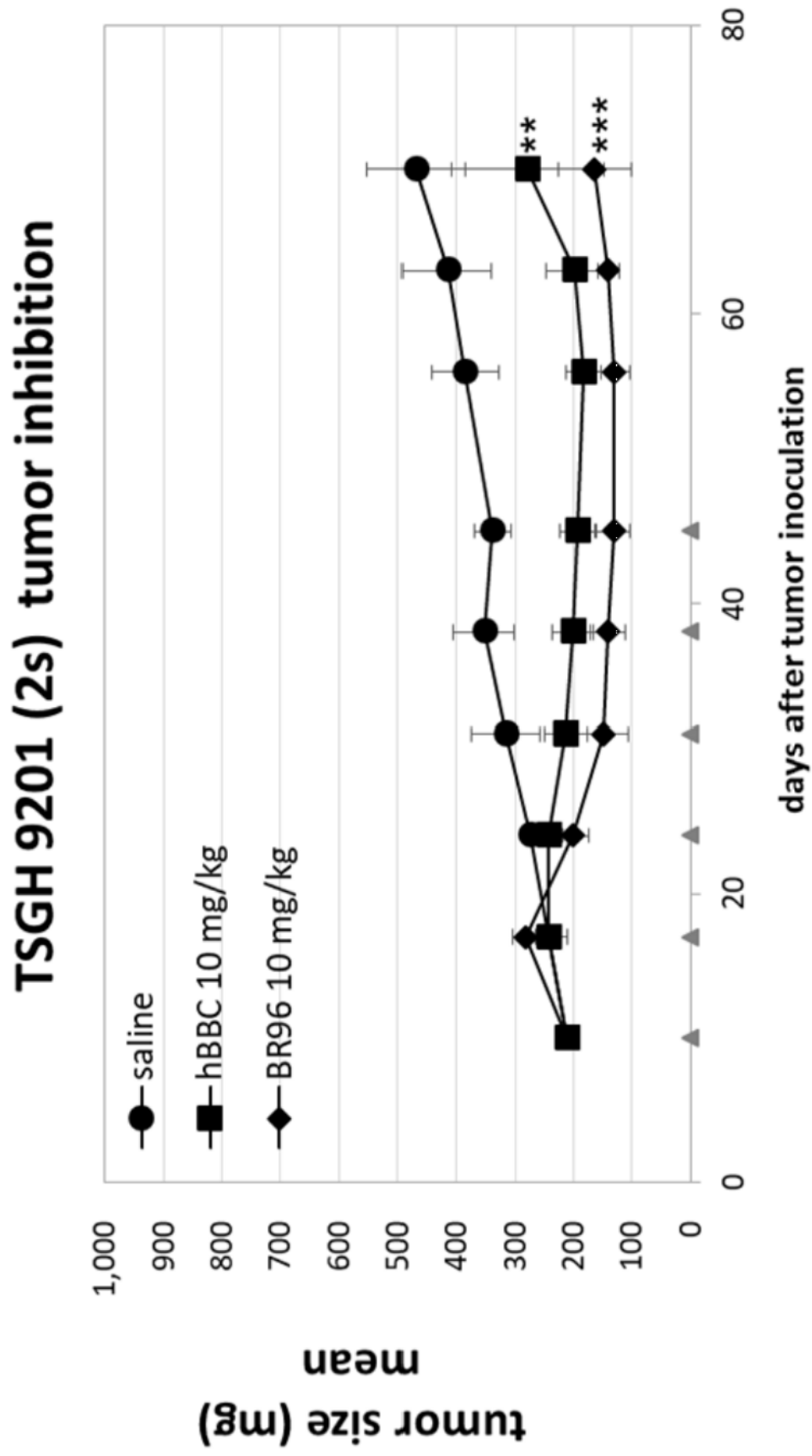


FIG. 22

COLO 201 tumor inhibition

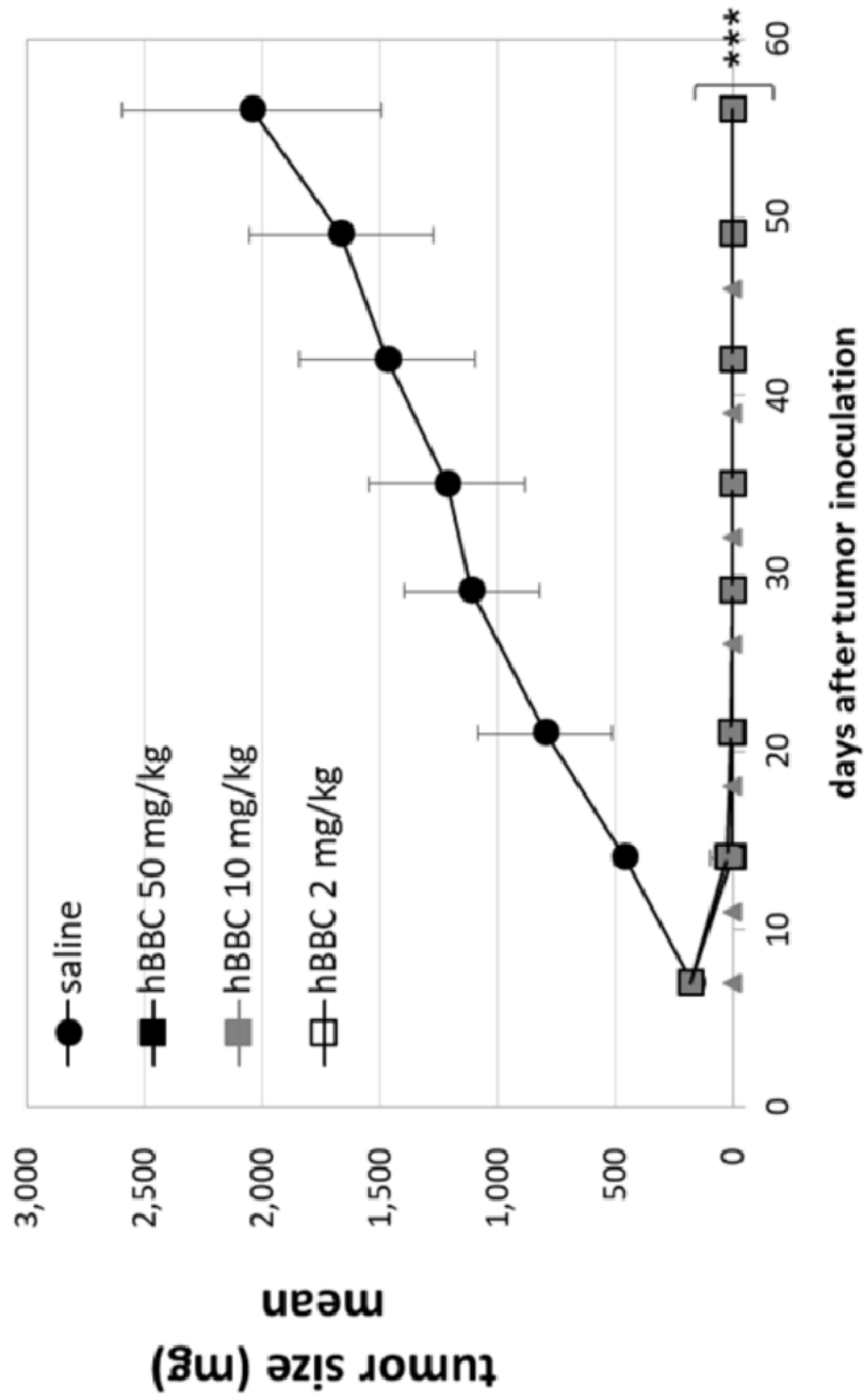


FIG. 23

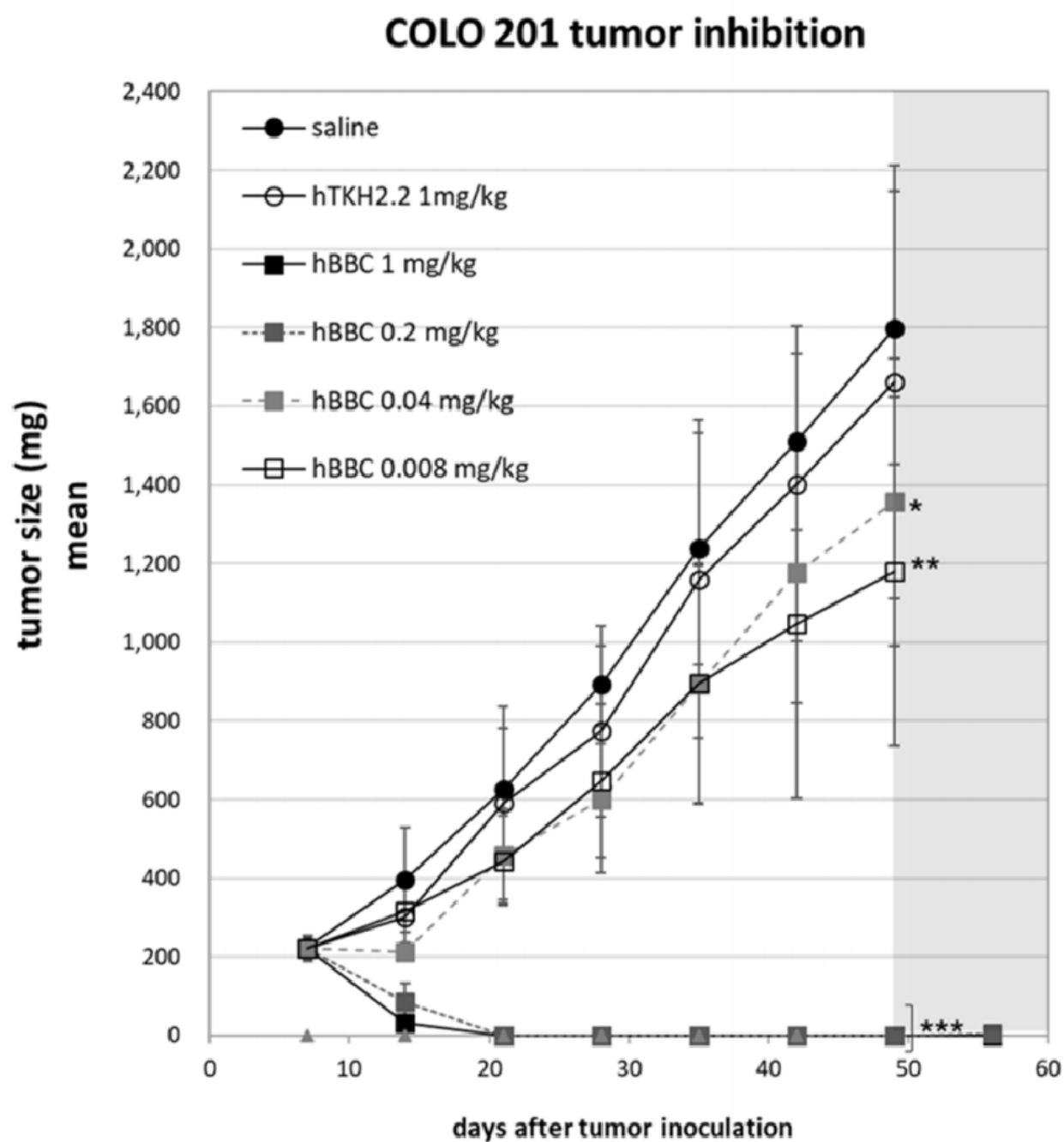


FIG. 24A

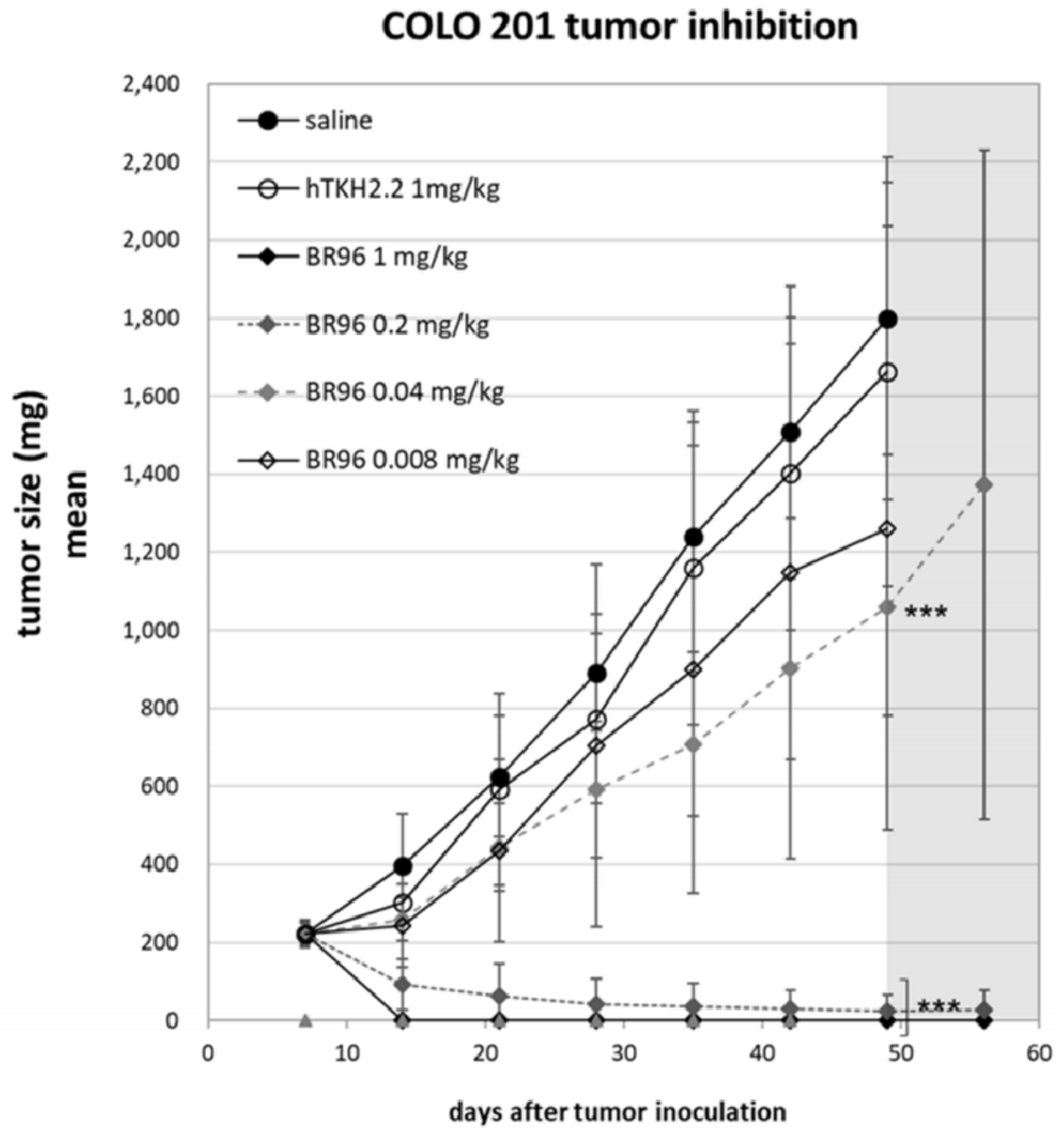


FIG. 24B