

Drawings

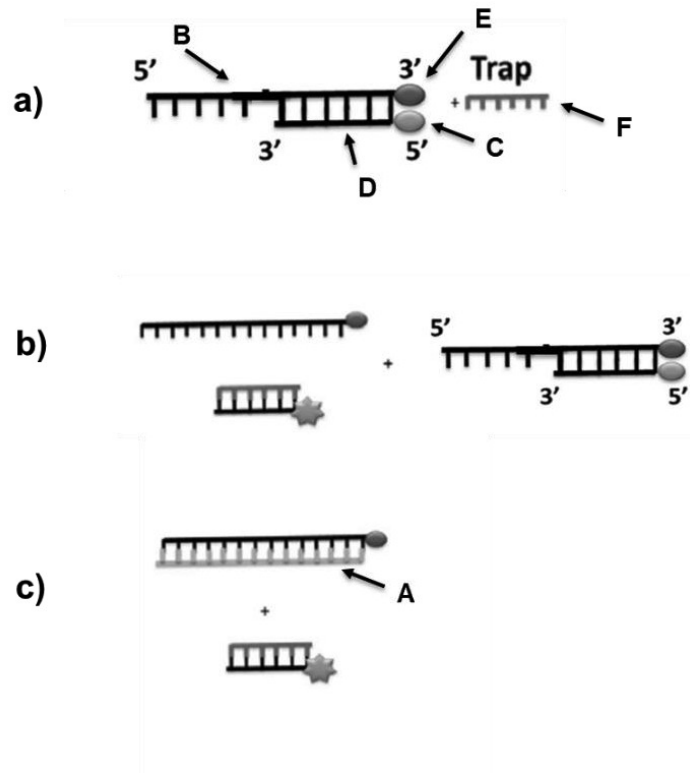


Figure 1

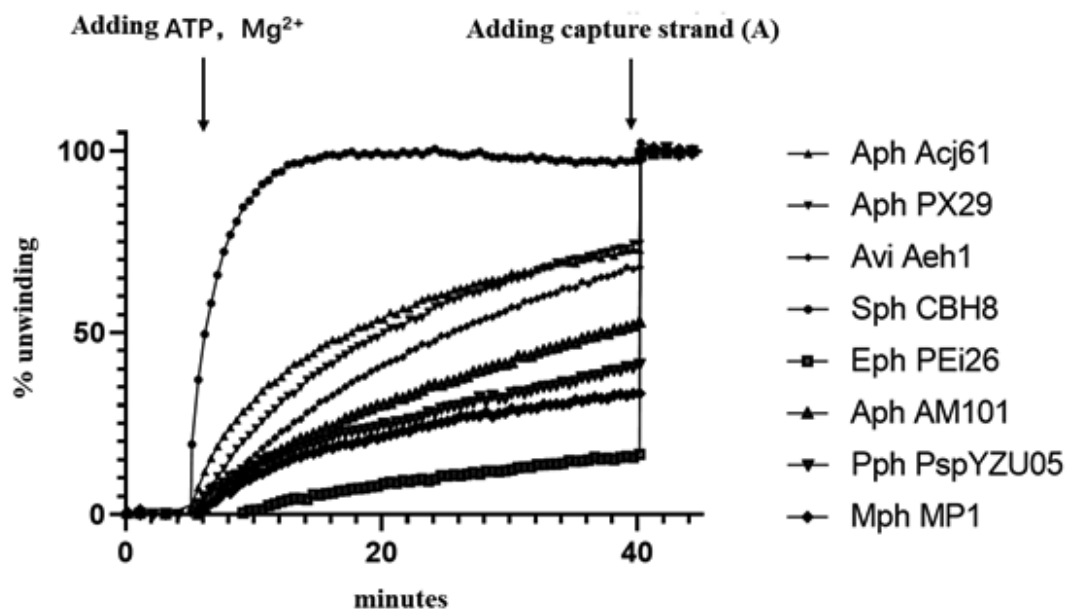


Figure 2

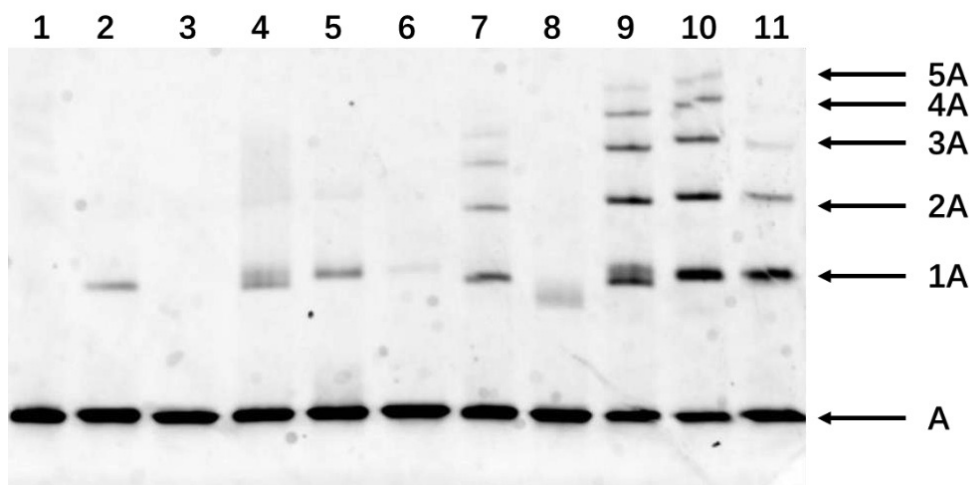


Figure 3

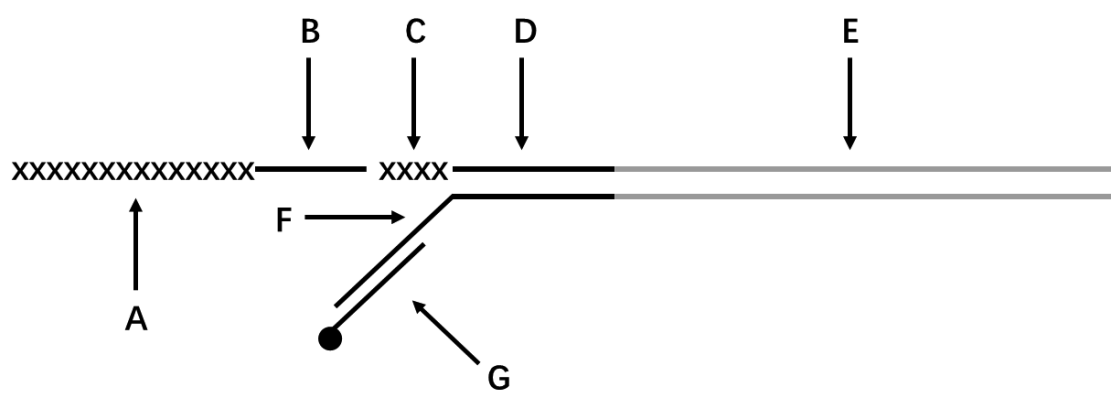


Figure 4

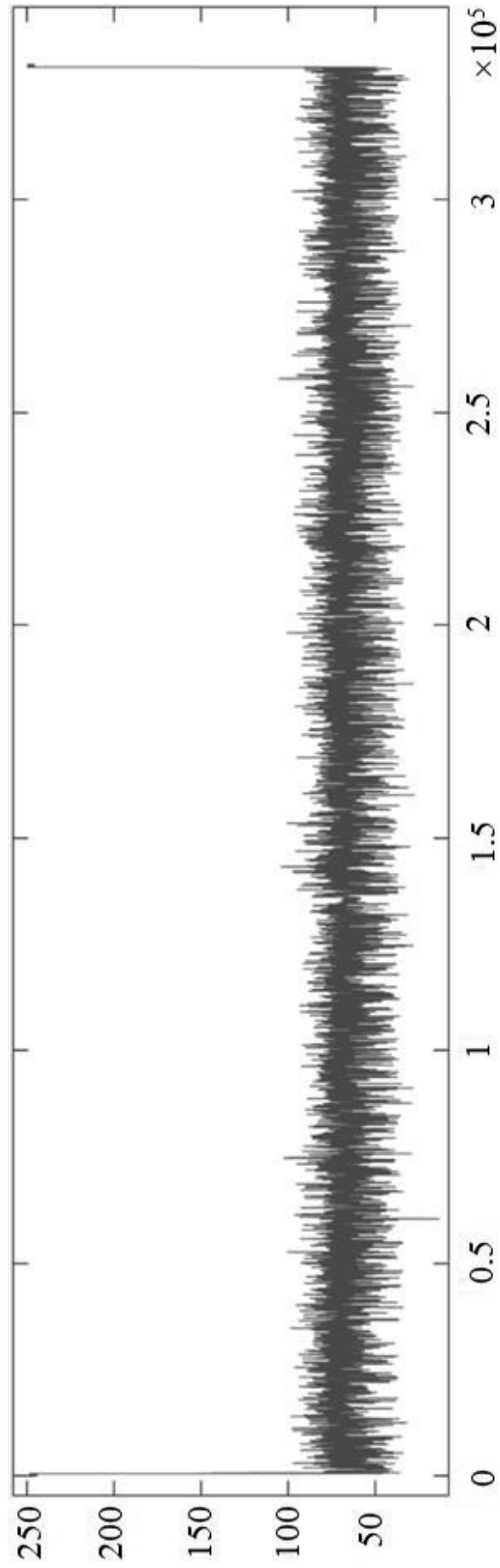


Figure 5

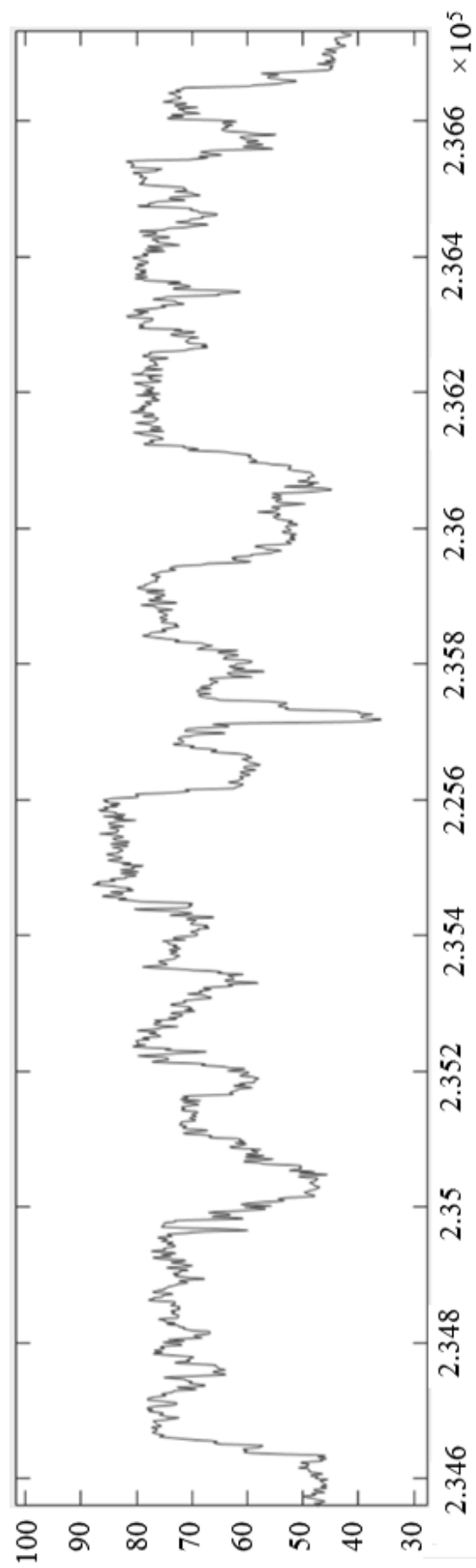


Figure 6

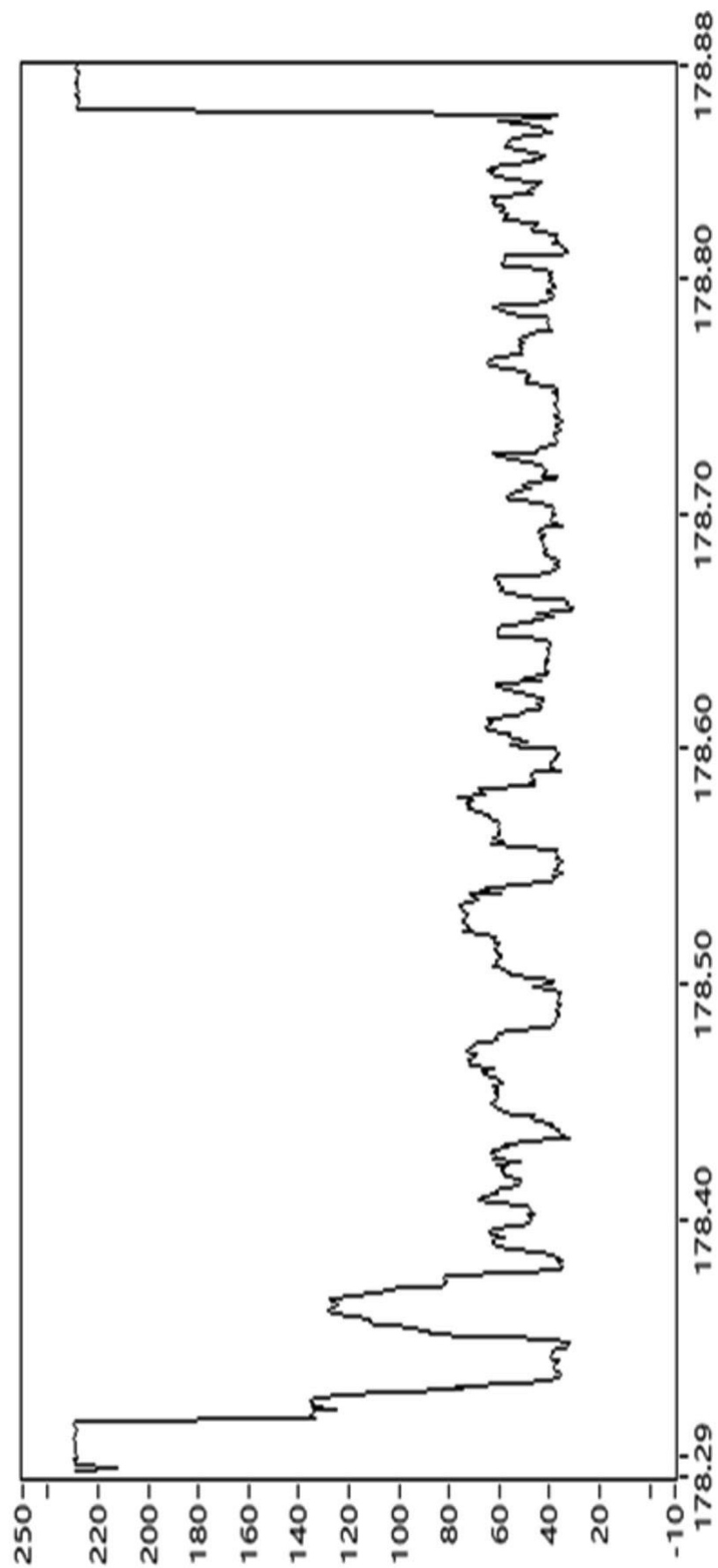


Figure 7

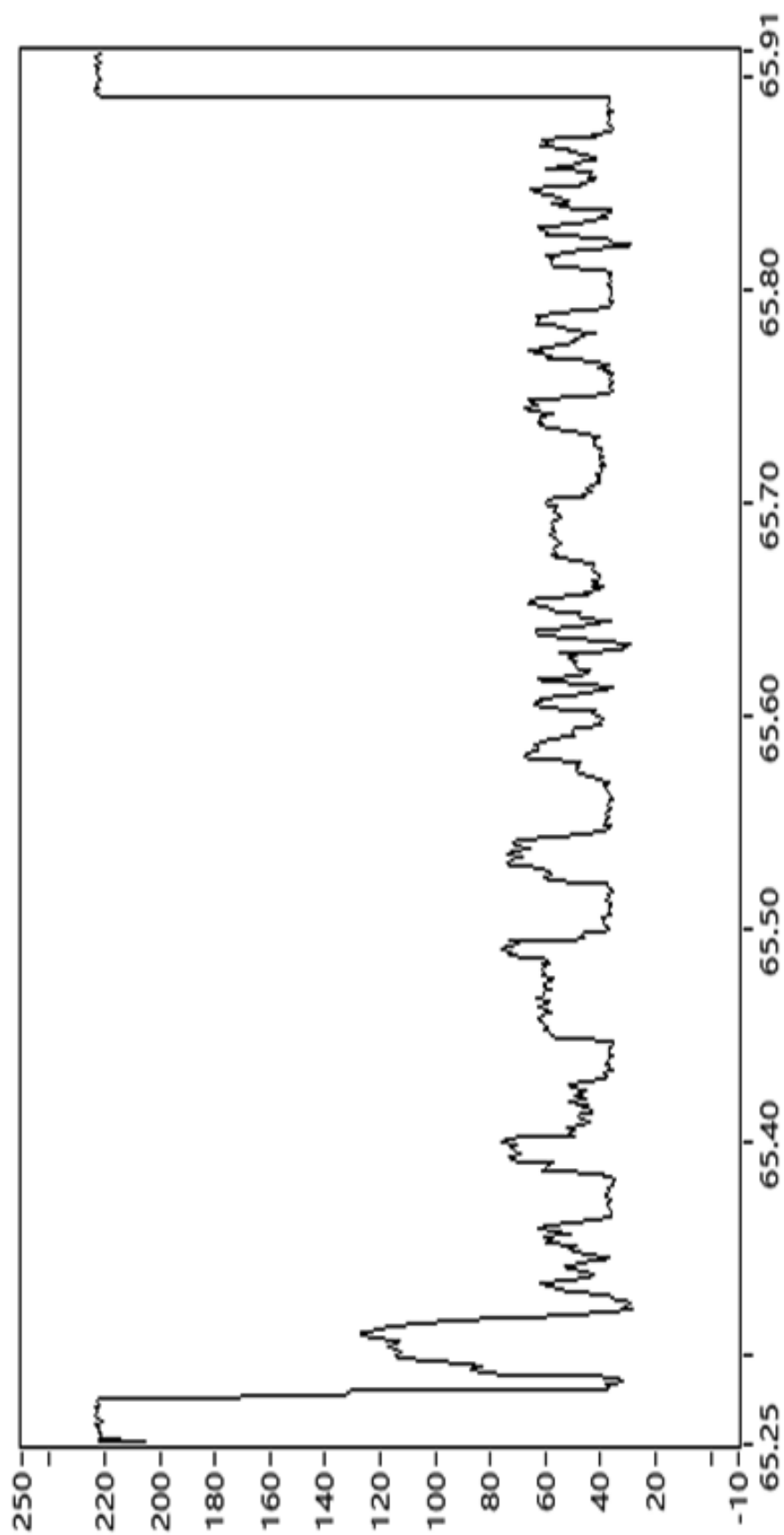


Figure 8

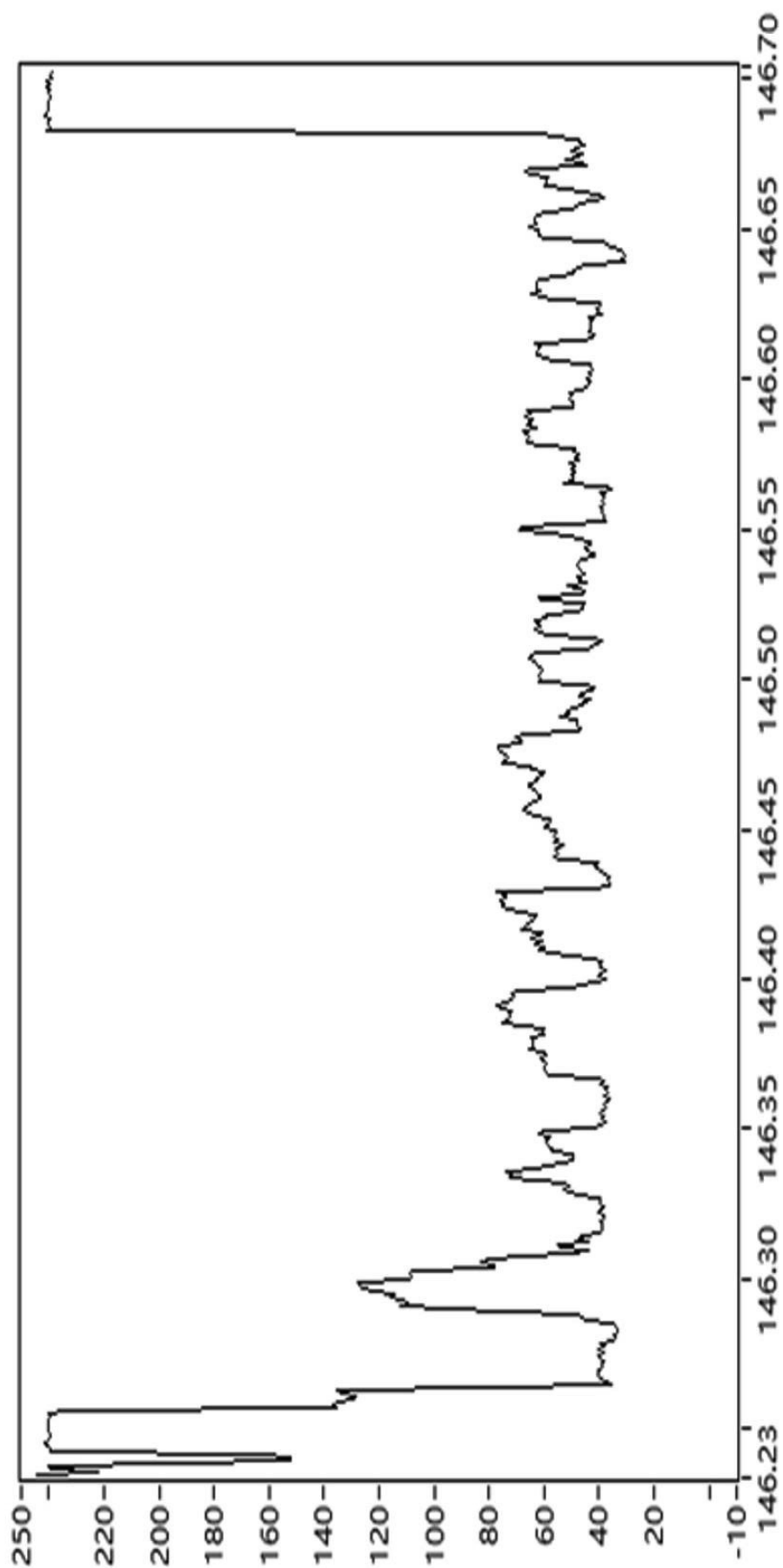


Figure 9

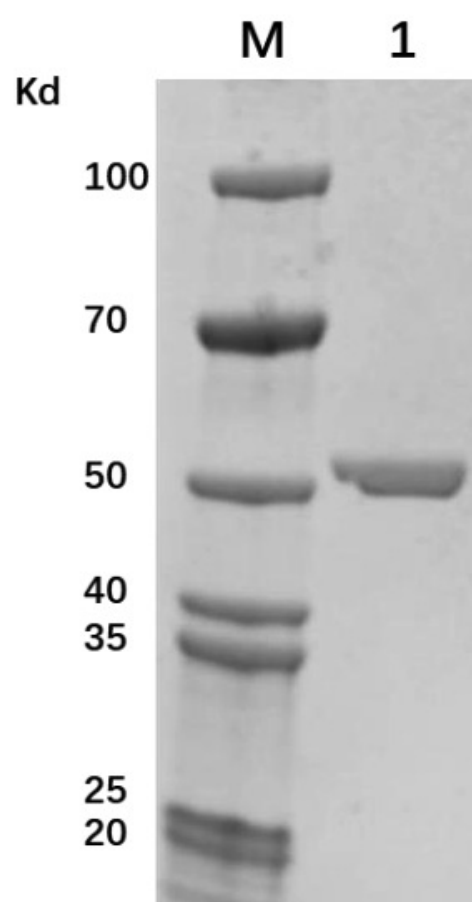


Figure 10

	160	170	180	190	200	210	
Sph-CBH8	SKSPFFSDHREFQVTLTEVKRSNG..	PIIKVATEIRNGGWFRECI	ED..	GHGFGHGFNGD			
Eph-EcS1	SKSPFFSDSREFQVTLTEVKRSNG..	PIIKVATEIRTG	GGWFRECI	ED..	GHGFGHGFGGD		
Pba-PM2	LISFFFTHPSFEQLYLT	TEVVR	SN	..	PIIDVATEIRMGW	LRNIVD..	
Eph-Pei26	LISFFFTHPSFEQVLT	TEVVR	SN	..	PIIDVATIRTG	GGWLRHHIID..	
Eph-Cronus2	QISAFFYDPRFEQVEL	SEIKRS	NS..	PIIEVATSIR	TGGWLYHN	LGDD..	
PphPspY2U05	LISFFFTHKHKKQIK	LTEVKRS	NG..	PIITVAREIL	KGKWLRE	CLEDD..	
Aph-Acy61	EVSAAFLNEKEEQV	ALTEVVR	SN..	PIIEVATEIR	HGKWLRE	CLLN..	
Aph-AM101	ELSAFFFNDFKQV	SLTEVVR	SN..	PIIEVATEIR	KGWIRE	NLVD..	
Mph-MP1	GISRFFTDQREFQ	TYLT	EIKRS	NM..	PIIEVATEIR	NGGWI	RENIIID..
Aph-PX29	EISFFFTDKRFL	LAE	LTKIVR	QAGNP	IIOVATKIR	NGGWFET	NWDKES
Avi-Aeh1	EISFFFTDKRFL	AE	LTKIVR	QAGNP	IIOVATKIR	NGGWFET	NWDKAT

	220	230	240	250	260	270
Sph-CBH8	..KPLQQYMMKYFDVVKSPEDL	FETRMLAYTNK	SV	DKLNG	TI	RRKLYETES
Eph-EcS1	..KPLQQYMMKYFDVVKSPEDL	FETRMLAYTNK	SV	DKLNG	TI	RRKLYETEN
Pba-PM2	..TALKDYMTBYFNVVKDADDL	IETRMLAFTNK	SV	DKLNS	TI	RRRLYETETS
Eph-Pei26	..TALKDFMMQYFDVVKTPEDL	FETRMLAFTNK	SV	EKLNN	TI	RRKLYETEV
Eph-Cronus2	..SALKDFFGOYFDIVRKPEDL	FENRMCAYTNE	SV	NKLNS	TI	RRKIYDTE
PphPspYZU05	DIPSLHWFLKEVFKVVKTKEDF	VNTRVMAYTNK	VV	NTLNK	TI	RRKRIFTDE
Aph-Acj61	G.GSVANFMYKYFDIVKTPEDL	FENRMLAFTNK	SV	GNLNK	TI	RRKLYQTE
Aph-AM101	G.GSVAAFLTRYFEIVKDPDDL	FENRMLAFTNK	SV	NDLNN	TI	RRKLYQTE
Mph-MP1	..KS	VSEFMTNYFKVVKSIDDL	YETRMAYTNN	SV	DTLNK	TI
Aph-PX29	..KS	VANLMKIYLSKVKTTPDDL	LYNRMLAYTND	VV	NRFNK	AI
Avi-Aeh1	..KT	IAKMMQIYLSKVKTTPEDL	LYNRMLAYTND	VV	NSENR	VI

	280	290	300	310	320
Sph-CBH8	MQEPYMKSL	FDGKKFNEIIFNNG	QMVRI	LD..CKL	TSTFLKARDVS
Eph-EcS1	MQEPYMKSL	FDGKKFNEIIFNNG	QMVRI	LD..CKL	TSTFLKARDVS
Pba-PM2	MQEPMIKELE	FDGKKFSETIFNNG	QLVRI	KD..AML	TSGFLSARNVS
Eph-Pei26	MQEPFIKELE	FDGKKFSEIVFNNG	EMVRI	KD..CML	TSMPLIARNVS
Eph-Cronus2	MQEPLTK	EIKFEKRFSEIVFNNG	QMVRI	VV..AEK	TSKFLRAKVS
PphPspYZU05	MQGPLTESL	IVDGKKVKKLIYNNG	QVRIV	R..VNK	TVHTLRA
Aph-Acj61	MQEPLMR	THKFEKSF	FTDVRFNNGEL	VRVLS..CQ	PIITKRLAIRGID
Aph-AM101	MQEPLMR	SHTFEKSF	FTFVIFNNGEL	VRIIN..CRE	KYVNLFIKGF
Mph-MP1	MQEPLIR	DINYEGRFQ	EIVFNNGEYLEVSE..IK	PME	SVLKC
Aph-PX29	MQEPVMKE	SEIGGETFT	TETLLNNGET	VKI	KEGSIK
Avi-Aeh1	MQEPVMR	EEFEEIGGETFT	TETLLNNGET	VKI	IPGSIK

	330	340	350	360	370	380
Sph-CBH8	ETVDE.D..DDYQRET	IKVLAD	ANEKQKFDM	FLAKVAT	SYREL	KSAGR
Eph-EcS1	ETVDE.D..DDYQRET	IKVLAD	ANEKQKFDM	FLAKVAT	TYREL	KSAGR
Pba-PM2	ETAED.D..EEYRVDV	IKFLP	ADQVEKFNY	FLAKTAT	TYREM	KNAGK
Eph-Pei26	ETIDP.D..EEYKIEV	IKVLP	LDQYQKMDM	FLAKVAT	TYREM	KAAGK
Eph-Cronus2	ETNDA.E..DEYFREQ	ICVLSD	ENEINKYFY	FLAKVAD	AY...KSG	AV
PphPspYZU05	ETADKNI..DEYHLKD	LHIVD	EGSELVLKE	FLSETAN	TYRYW	ELPG
Aph-Acj61	RAIE.T...D	VVD	SI	CVIED	ERQMKIFQ	HYLSA
Aph-AM101	RGVDS...D	AVDM	IKVIH	DE	QELNKFQY	FMSK
Mph-MP1	KSIDT...G	ESGL	INTIS	DN	KNELNKFYM	FLGK
Aph-PX29	NEVDL	TE.IDG	DLEVEL	SVVWD	ADGQVLD	EA
Avi-Aeh1	QETD	VTDNV	DS	KEVE	ISVVWD	ASSQVLL

	390	400	410	420	430	440
Sph-CBH8	RTFLKVKALP	CSTIHKSQGI	SV	DN	FIYTPCI	TL
Eph-EcS1	RTFLKVKALP	CSTIHKSQGI	SV	DN	FIYTPCI	TL
Pba-PM2	RTFLKVRALP	VSTIHKAQGV	SV	NRS	FLYTPCI	HI
Eph-Pei26	RTFLKVRALP	VSTIHKSQGI	SV	NNS	FIYTPCI	HV
Eph-Cronus2	RAFIKVKALP	CSTIHKSQGI	SV	DN	FLYTPCI	HK
PphPspYZU05	ERYSNVKAEP	CSTIHKAQGI	SV	DN	FLCTSG	LSS
Aph-Acj61	KEFHVKALP	CGTIHKSQGT	SV	DN	FLYTPCI	HS
Aph-AM101	AQFHVKPLP	CGTIHKSQGS	TL	DN	VLF	TPCI
Mph-MP1	NNYHRVKPLP	VSTIHKGQGS	TV	DN	FLYTPCI	TKY
Aph-PX29	GMFTNTKS	LGASTFHKSQGT	TV	IG	CVYT	GDMNF
Avi-Aeh1	GMFTNTKS	LGASTFHKSQGT	TV	IG	CVYT	GDMNF

Figure 11B