

StMotB	1	.....10	.....20	.....30	.....40	.....50	
VaPomB	1	-----M	DDEDNKDCP	PPGLPLWMGT	FADLMSLLMC	FFVLLLSFSE	41
			.....10.	.....20.	.....30.	.....40.	
		↓59					
StMotB	51	SSPKELIQIA	EYFRTP <del>L</del> ATA	-----VT	GGNRIAN---	SESP <del>I</del> PGGGD	89
VaPomB	42	MDVLKFKQIA	GSMKFAFGVQ	NQLEVKDIPK	GTSIIAQEFR	PGRPEPTPID	91
		.....50.	.....60.	.....70.	.....80.	.....90.	
		50↑					
		90↓91					
StMotB	90	-----DYT	QQQGEVE---	-----	-----	-----	99
VaPomB	92	VIMQQTMDIT	QQTLEFHEGE	SDRAGGTKRD	EGKLTGGQSP	ATSTONNESA	141
		.....100.	.....110.	.....120.	.....130.	.....140.	
					135↑		
StMotB	88	-----	100.....	110..... $\alpha$ 1	120.....	130..... $\alpha$ 2	137
VaPomB	142	EADMQQQSK	EM-----	-----SQEME	TLMESIKKAL	E--REIEQ--	174
		.....150.	..	.....160.	.....170.	.....180.	
				$\alpha$ 1	168↑	$\alpha$ 2	
		↓138 $\beta$ 1					
StMotB	138	PHLKIDL <del>V</del> QE	GLRIQIIDSQ	NRPMFKT <del>G</del> SA	EVEPYMRDIL	RAIAPVLNGI	187
VaPomB	175	GAIEVENL <del>G</del> Q	QIVIRMR---	EKGAFPE <del>G</del> SA	FLQPKFRPLV	RQIAELVKDV	221
		.....180.	.....190.	.....200.	.....210.	.....220.	
		175↑	$\beta$ 1	$\beta$ 2	$\alpha$ 3		
StMotB	188	PNRISLAGHT	DDFPYANG <del>E</del> K	GYSNWEL <del>S</del> AD	RANASRREL <del>V</del>	AGGLDNGK <del>V</del> L	237
VaPomB	222	PGIVRVSGHT	DNRPLDS- <del>E</del> L	YRSNWDL <del>S</del> SQ	RAVSV <del>A</del> QEME	KVRGF <del>S</del> HQRL	270
		.....230.	.....240.	.....250.	.....260.	.....270.	
		$\beta$ 3			$\alpha$ 4		
StMotB	238	RVVGM <del>A</del> TMR	LSD--RGPDD	AINRRISLLV	LNKQAEQAIL	HENAESQNEP	285
VaPomB	271	RVRGM <del>A</del> TEP	LLPNDSDDNR	ALNRRVEISI	MQGEPLYSEE	VPVIO-----	315
		.....280.	.....290.	.....300.	.....310.	.....	
		$\beta$ 4	$\alpha$ 5	$\beta$ 5			
StMotB	272	VSVLQQPAAA	PPASVPTSPK	AEPR	309		
VaPomB		-----	-----	-----	-----		

Fig. S1 Nishino et al.

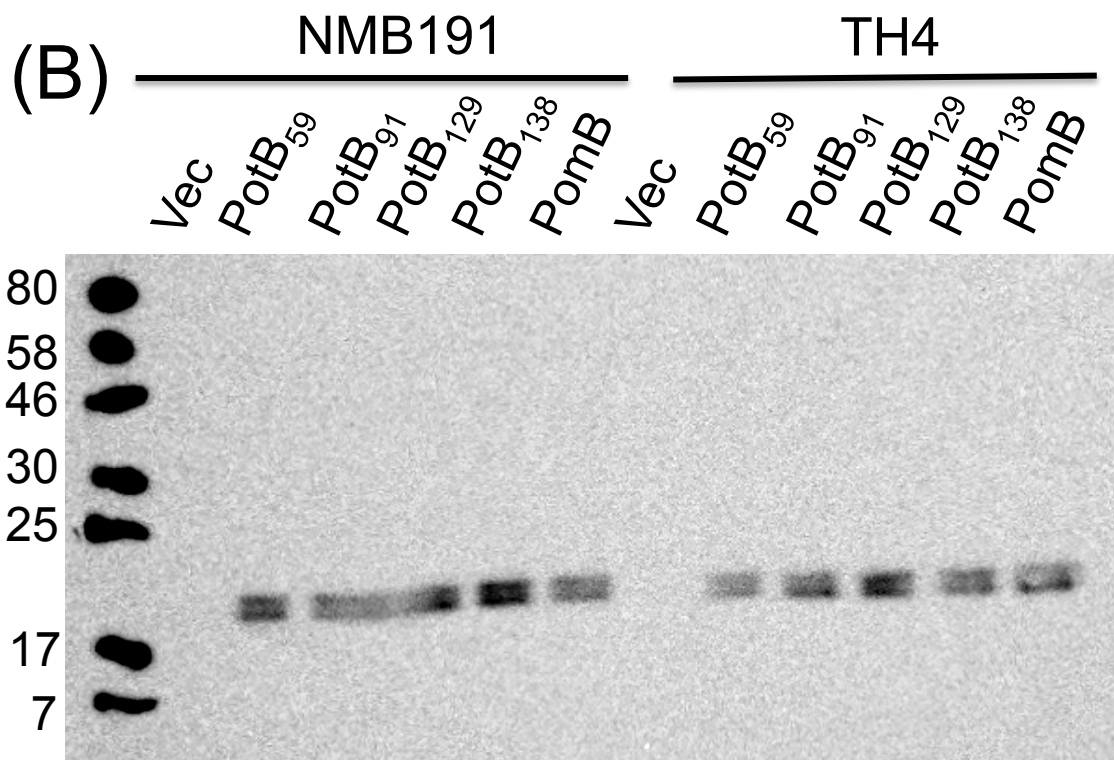
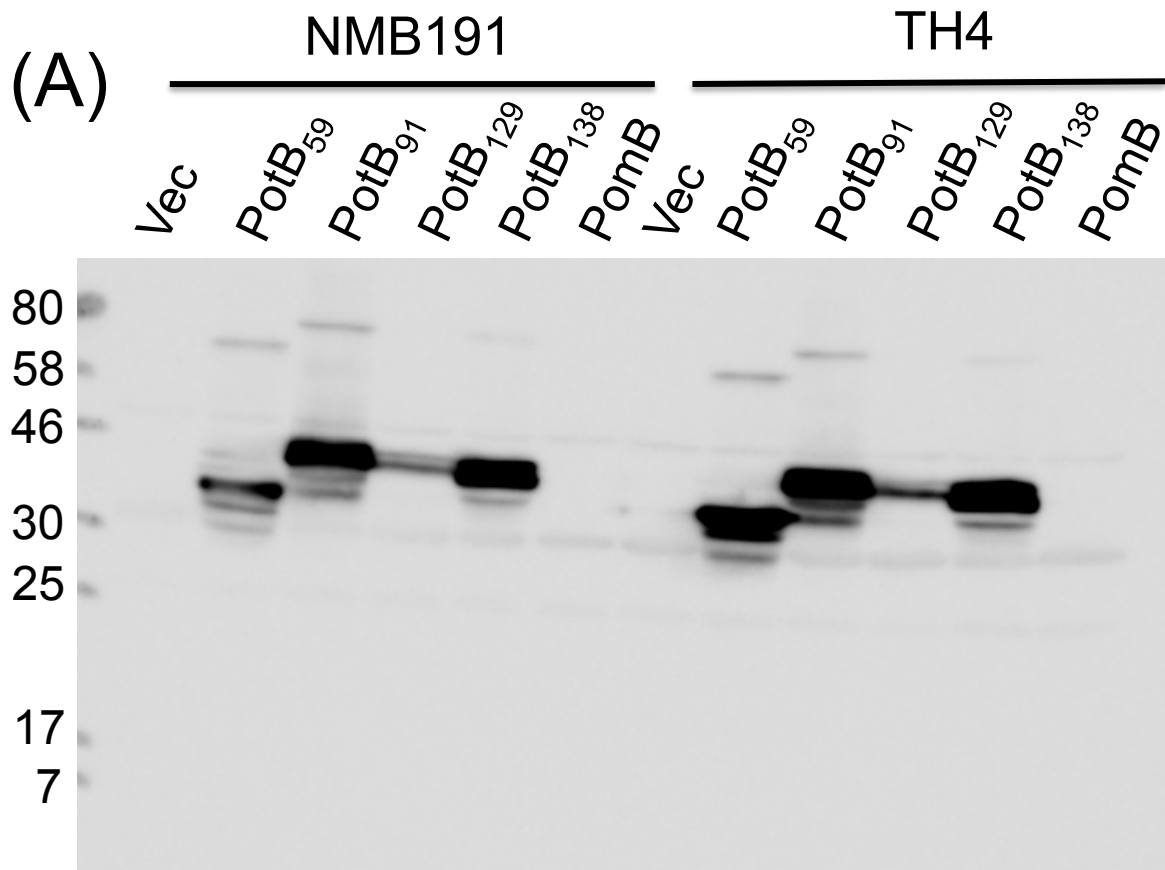


Fig. S2 Nishino et al.

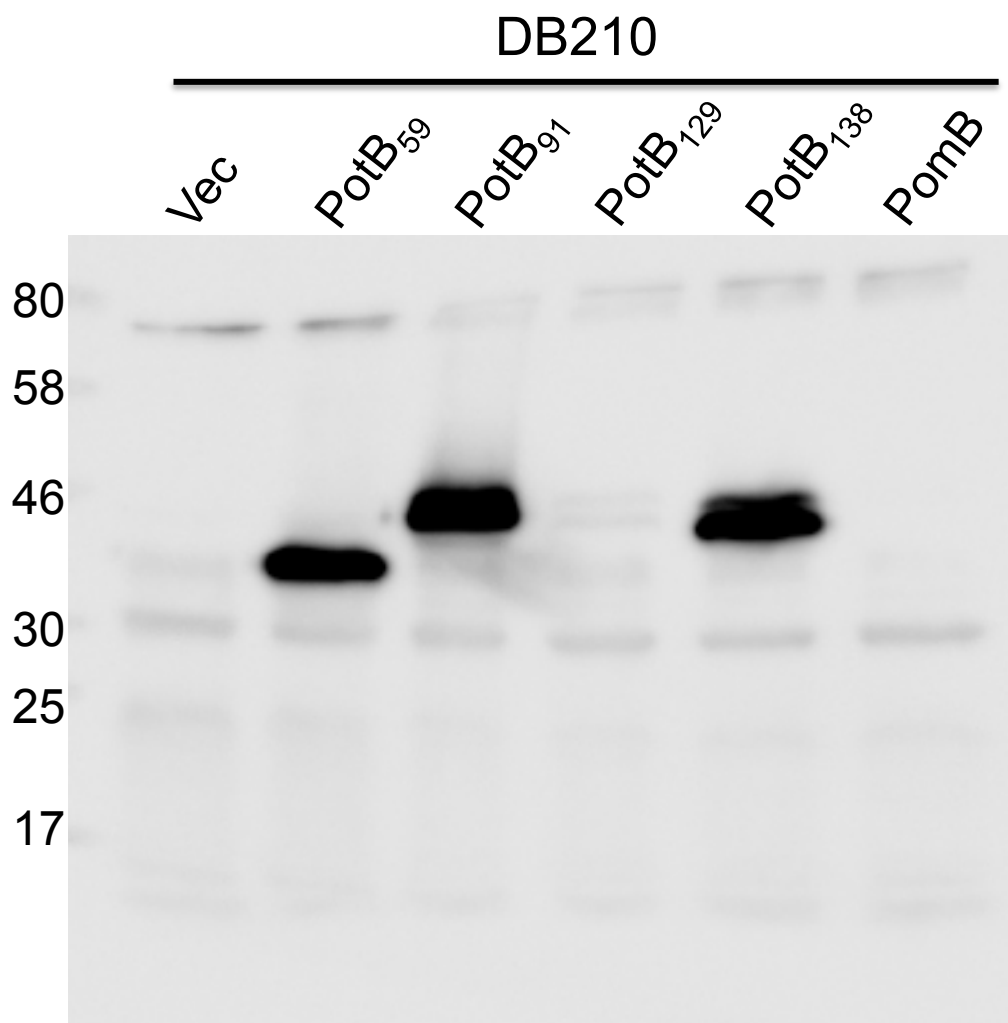


Fig. S3 Nishino et al.