







	320	330	340	350	360	370	380	390	400	410	
BtE264_BcpA-CT/1-423	SNQSLNAILGSLPGSIVPGASQRDQS	SRVDSFATQNGSVKPDY	TIEETVIGGILTNKIASTA	RAVGESIDVWLAGPVNPTGKF	I	STGKVTMESM	--	PVKL			
BtTXDOH_BcpA-CT/1-298	DPDQLQAYIVKGAGQSGFSY	QTPDTSRQDQSRVDSFATQNG	SVPKPDYTIETVIGGILTNK	I	RAVGESIDVWLAGPVNPTGKF	I	STGKVTMESM	--	PVKL		
Bp1106A-2_BcpA-CT/1-408	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
BpB7210-2_BcpA-CT/1-408	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
Bp1710b-1_BcpA-CT/1-408	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
Bp112-2_BcpA-CT/1-408	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
BpPasteur52237_BcpA-CT/1-408	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
Bp668_BcpA-CT/1-411	AAATGGCYT	TLVACIAGAAVAGVSFDYAKAGFT	QLVNGNPTPTYGEALQSLGMSP	PSGAALT	YAGLGLGAAVGSAANAAAQA	AKGV	PQSVEISAGIQAKY	TDLM			
Bp1106A-1_BcpA-CT/1-406	AVTGGCA	SVAGCALGAAIAVGAVDYAKSGFT	QMMSGNLTPTYGEQALQSLGMSP	PTGAALVYGA	LNLLGGAAAQVVV	TGRADVAAAANAWAR	GTYNGSSSAQYS				
BpBCC215-2_BcpA-CT/1-406	AVTGGCA	SVAGCALGAAIAVGAVDYAKSGFT	QMMSGNLTPTYGEQALQSLGMSP	PTGAALVYGA	LNLLGGAAAQVVV	TGRADVAAAANAWAR	GTYNGSSSAQYS				
BpB7210-3_BcpA-CT/1-506	AVTGGCA	SVAGCALGAAIAVGAVDYAKSGFT	QMMSGNLTPTYGEQALQSLGMSP	PTGAALVYGA	LNLLGGAAAQVVV	TGRADVAAAANAWAR	GTYNGSSSAQYS				
Bp7894-2_BcpA-CT/1-408	AVTGGCA	SVAGCALGAAIAVGAVDYAKSGFT	QMMSGNLTPTYGEQALQSLGMSP	PTGAALVYGA	LNLLGGAAAQVVV	TGRADVAAAANAWAR	GTYNGSSSAQYS				
BpMSHR346_BcpA-CT/1-384	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACASN	PVLCG	--	NQAAIAVGDLAAGGAMPAG	TGAAVAGAGAAAGKLIGS	--	TENL		
Bp305_BcpA-CT/1-384	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACASN	PVLCG	--	NQAAIAVGDLAAGGAMPAG	TGAAVAGAGAAAGKLIGS	--	TENL		
Bp406e_BcpA-CT/1-384	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACASN	PVLCG	--	NQAAIAVGDLAAGGAMPAG	TGAAVAGAGAAAGKLIGS	--	TENL		
Bp7894-1_BcpA-CT/1-384	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACASN	PVLCG	--	NQAAIAVGDLAAGGAMPAG	TGAAVAGAGAAAGKLIGS	--	TENL		
Bp567-2_BcpA-CT/1-384	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACASN	PVLCG	--	NQAAIAVGDLAAGGAMPAG	TGAAVAGAGAAAGKLIGS	--	TENL		
Bp7894-3_BcpA-CT/1-481	AQQEKYSTLTS	SAAAVALVTG-GVALFPDVATA	I GSAIKACAA	NPLICG	--	NQAAIT	VGDLAAGGAMPAGTGAAVAGAGAAAGKLIGS	--	TENL		
BpDM98_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
BpS13_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
Bp1710b-2_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
Bp1655_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
BpB7210-1_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
Bp112-1_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
Bp1106A-3_BcpA-CT/1-365	VGNGALKNA	SGDSLAAAANSARNQPYGQGASA	SQSPGTQGASSGSN	ISASNGSSSP	TTIVASNPVDLNA	FDR	LNVVDPAVGKF	RPG	EAGAAAEL	ENYLGGTLQR	
Bp14_BcpA-CT/1-316	GGTVLVNAAGGQVVGAAAGS-KT	--PDNVVLLADGD	--	GNSRPSPRQSELDVQSDLG	SGHN	PQVSYKNGQEVPY	STPGSVRPDI	STVDR	TISY		
Bp567-1_BcpA-CT/1-307	PGTVLVNNSMEQAANASLTG-SRG	-APSNAILSN-N	--	GGDDANANANGATGNGP	--	YSNL	TSSSVGP	PGKNTA	TOKKN	EEQNMANNG	
BpK96243_BcpA-CT/1-327	VGNGALKTA	SGDSLAAAGNAARTQPYGNGASA	S P S P G T A T A G	--	SSGANAQ	LPTANGVAAAGTSSA	TNVCKVV	IDGK	IGGQLEAR	GWTQQEVQAVVNE	
Bp91_BcpA-CT/1-327	VGNGALKTA	SGDSLAAAGNAARTQPYGNGASA	S P S P G T A T A G	--	SSGANAQ	LPTANGVAAAGTSSA	TNVCKVV	IDGK	IGGQLEAR	GWTQQEVQAVVNE	
BpBCC215-1_BcpA-CT/1-346	PSAVAVDSL	TGQAANAAALGA-TDRTPPSNA	I L S N	SDNN	STQGSQSGTV	T K T P N	PEATGSLSGK	PTQI	PPLSDEV	TTRSLIRENQSAVTL	
Bp1026b_BcpA-CT/1-346	PSAVAVDSL	TGQAANAAALGA-TDRTPPSNA	I L S N	SDNN	STQGSQSGTV	T K T P N	PEATGSLSGK	PTQI	PPLSDEV	TTRSLIRENQSAVTL	
BpNCTC13177_BcpA-CT/1-320	PSAVVVDS	I ASQAANAAALGA-TDRTPPSNA	I F NS	PSA	VVDS	I STI E K N	--KAQSDA	F ENA	TVDSYKNE	YPQVGKQITVK	TSDGTR
BaAMMD_BcpA-CT/1-238	PGVVLVGEAGAGVQQV	I PG--VAGYGLDTATLAKSG	--	HSPAGANDSNT	PMLGA	--	DGAQFPSK	T	WKGDG	--	KERIDVE
BalOP40-10_BcpA-CT/1-276	PGVVLVLDSSAGQVATSITGAKA	PL YAPGNATFNNNDGAKGQV	T VEHGATPDSNETSAGRGLANAG	--	YDVSHQPTA	SQQGV	DGVRTADLS	SVKG	VQDVY		
BaMEX-5_BcpA-CT/1-412	CNAKAAGNTV	I D A Y N K A L D V A G	I D I P N A K L P Y	I P M T A D E Q	Q A A A A T	T A V M A L P W G A	E G L L C G S	N A A D V V	Q S A G A N G	K N Y V G C G A	Q L A D D T K
BcH111_BcpA-CT/1-400	LDSEMELASRTSA	TDGKALGADGAGGAEIPKKI	P Y Q P N G T V V L	L Q E	F A P V C G	P A C A M V	I S D R T G N	S V	L E S V	I G S F	ENG
BdAUO158-1_BcpA-CT/1-423	SDRYLNL	SGLNSL	P L D S I V P G A S Q	R D Q N	D F Q	Q P N G T V V L	I P T G V N	A S E L	LS V N I	SK A G	EN
BdAUO158-2_BcpA-CT/1-248	PGLVLA	E G A A Q G Q V A K P G	--VAGYAPDNATLADSG	--	R D N R L P I	P E Q V T A D N G	--	LEVKS	N P K H T P G	D G N R S N A G	TE-PRNSLDLF
BgBSR3-1_BcpA-CT/1-406	AVTGGCA	SVAGCALGAAIAVGAVDYAKSGFT	QMMGPNLTPTYGEQALQSLGMSP	PTGAALVYGA	LNLLGGAAAQVVV	TGRADVAAAANAWAR	GTYNGSSSAQYS				
BgBSR3-2(p)_BcpA-CT/1-298	PGTAMVNSSA	EQASNAALTG-SLG	-APPNAML	NSN	--	GGDDANASADGAS	SGNP	--	YSNL	T D S S T G P	C K N F T A A Q K K N
BgBSR3-3_BcpA-CT/1-242	PGVVLVGEAGAGGLTAKSS-	-VSSY	YIGNAI	NNNG	--	DSNSEGAS	N A S S T T G	--	KSRNKPPA	PLP	BEAGGA
BglBGR1_BcpA-CT/1-416	SDQYLN	LSVLSLPGS	I A P G A S Q	R D R L S K	FAT	QNGSVKPDY	T I E E T V	I V G G I L	T N K I	A S A V A R	G A E S
BmCGD2M-1_BcpA-CT/1-167	TQG	I I F	FGVGSKGAT	TV	NDV	H R A G E	Q K	--			
BmCGD2M-2_BcpA-CT/1-374	QGSQ	I A E L I G I G A A P G	I G A G A A G A L	T S V G A G A L	R T I K V V	S G G K S	N W N A E	I L N N P K	P T V Y N D	Q Q V K A G	REGDS
BphSTM815-1_BcpA-CT/1-400	TPA	S A V S D T T G M K	L T K D G A G	N Y L V Q D P S M L	S T P S K A V	Q D L I V	O N T	T G G A N S P Y	W N P A S A Q	T V S T P T	I D P Y G P F S P S W N T G D Y
BrHKI454_BcpA-CT/1-400	QAK	I S E A P A S L M A Q	G A V N G V	T A V T G M R G G	E P P A Q S P	--G	--	A V L V D S A G	Q A L T G G	T G S A A Y	Q P D N A T L A T D P T S R P S C
BuBU_BcpA-CT/1-276	DHNYN	Q S Y I K P N Q	E A Y D A G Q S Q	L G R Q T Y N E	L V T S N I	N K D P V G A	T V A G A G	M M C I	G L A A G G S	S L A P A G	M M G A G A L L G I
BvG4_BcpA-CT/1-357	PGQ	V L V D S S A G Q	V A T S I T G A	S A V P L Y A P G N A T	L N N S D S V	K G K V S V	E P G A T	T P D S N E T S A G R G L A N A G	--	--	YDVSHQPTA
BxLB400_BcpA-CT/1-400	GPQGPY	V N P D D L N G P S G G	G G N G T P P T	A T A V V T P I	T P I P C	P A G C G M A V	T P V V T P G A P	T P M S A G G	S D D S S G G S	S A S S S C P Q A	T N N V G F D T S N L E
RsCFBP2957(p)_BcpA-CT/1-400	MNEALGN	I V A D A I A T G A G G A	I G G D A G A F S G	Y N V D R F N R Q L	H P D E Y A	A K K D A V V V A Q Q L G	I S E Q E A F C	R I V A E M L	R N S D K Q T A	A D D S G G	I H D Y Q V R A I
RsCMR15(p)_BcpA-CT/1-400	RVT	I A T G A G G A	I G G D A G A F S G	Y N V D R F N R Q L	H P D E Y A	A K K D A V V V A Q Q L G	I S E Q E A F C	R I V A E M L	R N S D K Q T A	A D D S G G	I H D Y Q V R A I
RsGMI1000_BcpA-CT/1-445	PGSHV	T P S D L D N L	T G G G G D S G G G P S G	P A R A V J	T P G V T	T M C A P G V	L C P T I	I V A P G T	S G S G L P S N A	I A S S G G	E D G V S K V A D D Q S L P G L N R P V
RsPo82-1_BcpA-CT/1-241	PPRMC	S A Q A Q E D I N Q L Q H	L W N Q K D A I	Q S F Y E V E K	F V A E F V A V G K G I	T V A I G A V	S K A V E I A R G	L R A A D E A K L	T A G D T A S T	L I K G L P D R	L L A D N I A G D G M I L H P
RsPo82-2(p)_BcpA-CT/1-400	GPK	I L V S P I D I	I K T A I E N V I A M A S G W K	R G D D V Y Q P T S	--	--	NNNDP	S W S A V I R S R F W K N E A Q	T D A A D K Y Q Q E N I	D R M R K G L A P Q R Y N A D K G G M E	
RsPSI07_BcpA-CT/1-400	A K L K D S G S L	T T D E M A E I Y A L Q R Q G A E S L H G M E S	L A L H N A V K Y G G	--	PEV L Q S R Q A T	N V I G D V L I	D A A S S L G L A G L R	--			Q L H H
RsR24_BcpA-CT/1-400	PGAV	L V N S G A R Q A A S A S L S	--V T A D T P P N A I A S S S G D S D G	N T G S N D S T A K R P T P R Q S E N D A G	A G L G P D Y K P Q V S Y K D G E V V	P Y G S K G S V R P D W C N	--	G T T C S I			
CmCH34(p)_BcpA-CT/1-165	A K L K D T G K L	T A D E A A E L Y A L Q R Q G G E S	M Q G M S S L A L H N A V K F G G	--	PEV L Q S R Q A T	N V I G D V L I	N A A S M I G P S T P K P I A Q T N R K G G G N E	P E I T I R D H Y E H H			
	S Q T I L F	E G A G A K G A T	L V N D A T K A G T Q	--							

The figure displays a sequence logo for the BcpA-CT domain across 40 bacterial species. The x-axis represents positions 420 to 510. The y-axis lists the species. Each position is represented by a stack of colored bars (A, T, C, G) indicating their relative frequency. A dashed line indicates the baseline for random chance.

BtE264_BcpA-CT/1-423
 BtTXDOH_BcpA-CT/1-298
 Bp1106A-2_BcpA-CT/1-408
 BpB7210-2_BcpA-CT/1-408
 Bp1710b-1_BcpA-CT/1-408
 Bp112-2_BcpA-CT/1-408
 BpPasteur52237_BcpA-CT/1-408
 Bp668_BcpA-CT/1-411
 Bp1106A-1_BcpA-CT/1-406
 BpBCC215-2_BcpA-CT/1-406
 BpB7210-3_BcpA-CT/1-506
 Bp7894-2_BcpA-CT/1-408
 BpMSHR346_BcpA-CT/1-384
 Bp305_BcpA-CT/1-384
 Bp406e_BcpA-CT/1-384
 Bp7894-1_BcpA-CT/1-384
 Bp567-2_BcpA-CT/1-384
 Bp7894-3_BcpA-CT/1-481
 BpDM98_BcpA-CT/1-365
 BpS13_BcpA-CT/1-365
 Bp1710b-2_BcpA-CT/1-365
 Bp1655_BcpA-CT/1-365
 BpB7210-1_BcpA-CT/1-365
 Bp112-1_BcpA-CT/1-365
 Bp1106A-3_BcpA-CT/1-365
 Bp14_BcpA-CT/1-316
 Bp567-1_BcpA-CT/1-307
 BpK96243_BcpA-CT/1-327
 Bp91_BcpA-CT/1-327
 BpBCC215-1_BcpA-CT/1-346
 Bp1026b_BcpA-CT/1-346
 BpNCTC13177_BcpA-CT/1-320
 BaAMMD_BcpA-CT/1-238
 BaOP40-10_BcpA-CT/1-276
 BaMEX-5_BcpA-CT/1-412
 BcH111_BcpA-CT/1-400
 BdAUO158-1_BcpA-CT/1-423
 BdAUO158-2_BcpA-CT/1-248
 BgBSR3-1_BcpA-CT/1-406
 BgBSR3-2(p)_BcpA-CT/1-298
 BgBSR3-3_BcpA-CT/1-242
 BglBGR1_BcpA-CT/1-416
 BmCGD2M-1_BcpA-CT/1-167
 BmCGD2M-2_BcpA-CT/1-374
 BphSTM815-1_BcpA-CT/1-400
 BphSTM815-2(p)_BcpA-CT/1-400
 BrHKI454_BcpA-CT/1-400
 BuBU_BcpA-CT/1-276
 BvG4_BcpA-CT/1-357
 BxLB400_BcpA-CT/1-400
 RsCFBP2957(p)_BcpA-CT/1-400
 RsCMR15(p)_BcpA-CT/1-400
 RsGMI1000_BcpA-CT/1-445
 RsPo82-1_BcpA-CT/1-241
 RsPo82-2(p)_BcpA-CT/1-400
 RsPSI07_BcpA-CT/1-400
 RsR24_BcpA-CT/1-400
 CmCH34(p)_BcpA-CT/1-165

520 530 540 550 560 570 580 590 600 610

CDPQLIKTAEVVEQAFRNGNLVKTVSGVNSNGMVVVKVPRNTP
 NLFTTERPPCTSCSNVQQFQNKYPNIIKVMDNSNGVLKPK
 NLFTTERPPCTSCSNVQQFQNKYPNIIKVMDNSNGVLKPK
 NLFTTERPPCTSCSNVQQFQNKYPNIIKVMDNSNGVLKPK
 NLFTTERPPCTSCSNVQQFQNKYPNIIKVMDNSNGVLKPK
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 QAISVWAREQGYQAIALPASAQNAGGVNLISFKPLGEGRK
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 PEIAQRGIGRAYSRDTDTGAKIQSITVTPQGTVYVPRLPK
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 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 GNLPKQLQAKILILIK
 IVIDKLGNITI I KPKGN
 IVIDKLGNITI I KPKGN
 K
 AQFLQRNPVAGMNTVTVIKNGAVVVVGR
 KDPDLVKTGSIEKAFFEKGKLVKL VSGVDSNGMVIVKIPRGSK
 QAISTWAREQGYQAIALPASAQLPGGVNLISFKSLGKQ
 CDANQRATADL I QKAIDS GKLVKIVTGVNSNGATLVKIK
 QYFRNSPGCR
 GIVPWSHTTQVTGOSK
 NKLDDEAAKK
 SVVDVAIAGLTGAITYGTSLLPGL
 LLPGSNAVGAKL
 QHIRNINPGGVVISNKPQGLH
 GDFIGFRGISK
 GTLLNKLVTKQ
 VEIMNFPGAKNERK

	620	630	640	650																														
BtE264_BcpA-CT/1-423	-	-	-	-																														
BtTXDOH_BcpA-CT/1-298	-	-	-	-																														
Bp1106A-2_BcpA-CT/1-408	-	-	-	-																														
BpB7210-2_BcpA-CT/1-408	-	-	-	-																														
Bp1710b-1_BcpA-CT/1-408	-	-	-	-																														
Bp112-2_BcpA-CT/1-408	-	-	-	-																														
BpPasteur52237_BcpA-CT/1-408	-	-	-	-																														
Bp668_BcpA-CT/1-411	-	-	-	-																														
Bp1106A-1_BcpA-CT/1-406	-	-	-	-																														
BpBCC215-2_BcpA-CT/1-406	-	-	-	-																														
BpB7210-3_BcpA-CT/1-506	I	D	L	L	K	T	E	K	G	R	G	E	I	R	W	M	L	I	S	N	P	W	W	S	G	M	G	E	R	S	K	K	S	E
Bp7894-2_BcpA-CT/1-408	-	-	-	-																														
BpMSHR346_BcpA-CT/1-384	-	-	-	-																														
Bp305_BcpA-CT/1-384	-	-	-	-																														
Bp406e_BcpA-CT/1-384	-	-	-	-																														
Bp7894-1_BcpA-CT/1-384	-	-	-	-																														
Bp567-2_BcpA-CT/1-384	-	-	-	-																														
Bp7894-3_BcpA-CT/1-481	K	G	V	K	E	V	V	E	L	S	A	D	P	L	D	K	E	S	D	A	Y	I	D	E	Q	M	R	L	D	E	D	K	W	K
BpDM98_BcpA-CT/1-365	-	-	-	-																														
BpS13_BcpA-CT/1-365	-	-	-	-																														
Bp1710b-2_BcpA-CT/1-365	-	-	-	-																														
Bp1655_BcpA-CT/1-365	-	-	-	-																														
BpB7210-1_BcpA-CT/1-365	-	-	-	-																														
Bp112-1_BcpA-CT/1-365	-	-	-	-																														
Bp1106A-3_BcpA-CT/1-365	-	-	-	-																														
Bp14_BcpA-CT/1-316	-	-	-	-																														
Bp567-1_BcpA-CT/1-307	-	-	-	-																														
BpK96243_BcpA-CT/1-327	-	-	-	-																														
Bp91_BcpA-CT/1-327	-	-	-	-																														
BpBCC215-1_BcpA-CT/1-346	-	-	-	-																														
Bp1026b_BcpA-CT/1-346	-	-	-	-																														
BpNCTC13177_BcpA-CT/1-320	-	-	-	-																														
BaAMMD_BcpA-CT/1-238	-	-	-	-																														
BaOP40-10_BcpA-CT/1-276	-	-	-	-																														
BaMEX-5_BcpA-CT/1-412	-	-	-	-																														
BcH111_BcpA-CT/1-400	-	-	-	-																														
BdAUO158-1_BcpA-CT/1-423	-	-	-	-																														
BdAUO158-2_BcpA-CT/1-248	-	-	-	-																														
BgBSR3-1_BcpA-CT/1-406	-	-	-	-																														
BgBSR3-2(p)_BcpA-CT/1-298	-	-	-	-																														
BgBSR3-3_BcpA-CT/1-242	-	-	-	-																														
BglBGR1_BcpA-CT/1-416	-	-	-	-																														
BmCGD2M-1_BcpA-CT/1-167	-	-	-	-																														
BmCGD2M-2_BcpA-CT/1-374	-	-	-	-																														
BphSTM815-1_BcpA-CT/1-400	-	-	-	-																														
BphSTM815-2(p)_BcpA-CT/1-400	-	-	-	-																														
BrHKI454_BcpA-CT/1-400	-	-	-	-																														
BuBU_BcpA-CT/1-276	-	-	-	-																														
BvG4_BcpA-CT/1-357	-	-	-	-																														
BxLB400_BcpA-CT/1-400	-	-	-	-																														
RsCFBP2957(p)_BcpA-CT/1-400	-	-	-	-																														
RsCMR15(p)_BcpA-CT/1-400	-	-	-	-																														
RsGMI1000_BcpA-CT/1-445	-	-	-	-																														
RsPo82-1_BcpA-CT/1-241	-	-	-	-																														
RsPo82-2(p)_BcpA-CT/1-400	-	-	-	-																														
RsPSI07_BcpA-CT/1-400	-	-	-	-																														
RsR24_BcpA-CT/1-400	-	-	-	-																														
CmCH34(p)_BcpA-CT/1-165	-	-	-	-																														