	Gen		esentative PspA partner domain homologe Genomic Contexts grouped by Domain Archi	
Gen AccNum	GeneName	Species	Lineage Info  Lineage	GenContext
DUF1700-ah	nelical+FTSW_RC	DDA_SPOVE		
CAC98500.1	lmo0421	Listeria monocytogenes EGDe	bacteria>firmicutes	SIGMA-HTH->PADR-HTH- >DUF1700- ahelical+FTSW_RODA_SPOVE->
	nelical+Pentapep			PADR-HTH->DUF1700-
AOH56696.1 DUF1700-ah	ABE28_020195 nelical+PspC(s)+l	Bacillus muralis Lial-LiaF-TM+Toas	bacteria>firmicutes st-rack(s)	ahelical+Pentapeptide->
AKD55949.1	SD10_14600	Spirosoma radiotolerans	bacteria>bacteroidetes	PADR-HTH->DUF1700- ahelical+PspC(s)+Lial-LiaF- TM+Toast-rack(s)->
DUF1700-ah	nelical+PspC+Lia	ıl-LiaF-TM+Toast-	rack	TIVI+TOast-Tack(s)->
AOW09537.1	EM308_08495	Flavobacterium gilvum	bacteria>bacteroidetes	PADR-HTH->DUF1700- ahelical+PspC+Lial-LiaF-TM+Toast- rack->TM+Toast-rack->SIG+Toast-
DUF1700-ah	nelical+TM(s)			rack->
AAO82145.1	EF_2427	Enterococcus faecalis V583	bacteria>firmicutes	PADR-HTH->DUF1700- ahelical+TM(s)->
CAC98678.1	lmo0600	Listeria monocytogenes EGDe	bacteria>firmicutes	PADR-HTH->DUF1700- ahelical+TM(s)->SIG+Toast-rack- >ACET->  <-X(s)<-SIG+TM(s)
DUF1707-SHOCT+Toast-rack				
BAD60342.1	NFA_54900	Nocardia farcinica IFM 10152	bacteria>actinobacteria	SIG+TM(s)+HAMP+ACYC  SIG+TM(s)- >SIG+TM(s)+HISKIN->REC+GerE- HTH->DUF1707-SHOCT+Toast-rack- >
CCP43715.1	Rv0966c	Mycobacterium tuberculosis H37Rv	bacteria>actinobacteria	DUF1707-SHOCT+Toast-rack->
CAB88834.1	SCO2893	Streptomyces coelicolor A32	bacteria>actinobacteria	TM(s)->TM(s)->ABC-ATPase- >DUF1707-SHOCT+Toast-rack->
Lial-LiaF-TM	1+Toast-rack	Bacillus subtilis subsp subtilis str	bacteria>firmicutes	Lial-LiaF-TM->PspA->SIG+Toast-rack->Lial-LiaF-TM+Toast-rack-
ABD83157.1	Sde_3902	168 Saccharophagus	bacteria>Irmicutes  bacteria>proteobacteria>gammaproteobacteria	>SIG+TM+HAMP+HISKIN- >REC+GerE-HTH-> Lial-LiaF-TM+Toast-rack- >SIG+TM(s)+HISKIN->REC+GerE-
		degradans 240  Ignavibacterium		HTH-> Lial-LiaF-TM+Toast-rack-
AFH48155.1	IALB_0443	album JCM 16511  Granulicella	bacteria>ignavibacteriae	>SIG+TM(s)+HISKIN->REC+GerE- HTH->X(s)->TM-> SIGMA-HTH->ZF+TM->TM+Lial-LiaF-
AEU34960.1	AciX8_0610	mallensis MP5ACTX8	bacteria>acidobacteria	TM->SIG+Lial-LiaF-TM(s)+Toast-rack->
PspC(s)+Lia  AKD55949.1	I-LiaF-TM+Toast SD10_14600	-rack(s) Spirosoma	bacteria>bacteroidetes	PADR-HTH->DUF1700- ahelical+PspC(s)+Lial-LiaF-
PspC+Lial-L		radiotolerans	Sactoria Spactor orderes	TM+Toast-rack(s)->
ABY34522.1	Caur_1294	Chloroflexus aurantiacus J10fl	bacteria>chloroflexi	PspC+Lial-LiaF-TM->
PspC+Lial-L	.iaF-TM(s)+Toast			DECORONE LITTLE Day On live Live
ACV77657.1	Namu_1253	Nakamurella multipartita DSM 44233	bacteria>actinobacteria	<-REC+GerE-HTH<-PspC+Lial-LiaF- TM+HISKIN  PspC+Lial-LiaF- TM(s)+Toast-rack->X->  <-SIG+TM(s)
	iaF-TM+HISKIN	Streptomyces		<-PspC+TM(s)+Toast-
AlJ13865.1	SLIV_14405	lividans TK24	bacteria>actinobacteria	rack  PspC+Lial-LiaF-TM+HISKIN->REC+GerE-HTH->
BAB98004.1	Cgl0611	Corynebacterium glutamicum ATCC 13032	bacteria>actinobacteria	PspC+TM(s)+Toast-rack  PspC+Lial- LiaF-TM+HISKIN->REC+GerE-HTH- >TM(s)->
	+Coiled-coil+Toa	st-rack Enterococcus		SHOCT-like+Coiled-coil+Toast-rack-
AQL53774.1 SHOCT-like-	BZG32_08695 +Toast-rack	faecalis	bacteria>firmicutes	>PspC->SIG+TM(s)->
AAF09613.1	DR_0019	Deinococcus radiodurans R1	bacteria>deinococcus-thermus>deinococci	SHOCT-like+Toast-rack->SHOCT-like->ZNR-inactive+DUF2089-
BAI87136.2	yvlB	Bacillus subtilis subsp natto	bacteria>firmicutes	yvIA-SIG+TM(s)->SHOCT-like+Toast-
0.0045547.4		BEST195  Bacillus subtilis		yvIA-SIG+TM(s)->SHOCT-like+Toast-
CAB15517.1 SIG+Lial-Lia	yvlB aF-TM(s)+Toast-ra	subsp subtilis str 168 ack	bacteria>firmicutes	rack->PspC->SIG+TM(s)->  <- SIG+TM(s)
AEU34960.1	AciX8_0610	Granulicella mallensis	bacteria>acidobacteria	SIGMA-HTH->ZF+TM->TM+Lial-LiaF- TM->SIG+Lial-LiaF-TM(s)+Toast-
SIG+Lial-Lia	ıF-TM+Toast-rac	MP5ACTX8		rack->
CAB15300.1	liaF	Bacillus subtilis subsp subtilis str 168	bacteria>firmicutes	Lial-LiaF-TM->PspA->SIG+Toast- rack->Lial-LiaF-TM+Toast-rack- >SIG+TM+HAMP+HISKIN-
SIG+TM(s)+	Toast-rack	100		>REC+GerE-HTH->
ALR80200.1	HSISS4_01188	Streptococcus salivarius	bacteria>firmicutes	REC+GerE-HTH->X->ABC-ATPase- >X(s)->SIG+TM(s)+Toast-rack- >SIG+TM(s)+Toast-rack->ABC-
ABD31150.1	SAOUHSC_02100	Staphylococcus aureus subsp aureus NCTC	bacteria>firmicutes	SIG+TM(s)+Toast-rack->SIG+TM(s)+HISKIN->REC+GerE-
SIG+Toast-r	ack	8325		HTH->  <-SIG+TM(s)
ACO46500.1	Deide_15380	Deinococcus deserti VCD115	bacteria>deinococcus-thermus>deinococci	4HBT_2->X->PADR-HTH->DUF1700- ahelical+TM->X(s)- >SIG+TM(s)+HISKIN->SIG+Toast- rack->REC+GerE-HTH->
AJI31452.1	BF28_3762	Bacillus cereus E33L	bacteria>firmicutes	ABC-ATPase->TM(s)->SIG+Toast-rack->
AAM36414.1	XAC1545	Xanthomonas citri pv citri str 306	bacteria>proteobacteria>gammaproteobacteria	GNTR-HTH->ABC-ATPase->TM(s)->SIG+Toast-rack->SIG+DUF2884->
SIG+Toast-r	ack+CASPASE	Ossilla		
AFY83227.1 Toast-rack	Oscil6304_3666	Oscillatoria acuminata PCC 6304	bacteria>cyanobacteria	SIG+Toast-rack+CASPASE->
AGT82698.1	B737_2034	Amycolatopsis mediterranei RB	bacteria>actinobacteria	<-SIG+TM(s)  X->TraJ-RHH->Toast- rack->ABC-ATPase->TM(s)->
CAC05954.1	SCO5265	Streptomyces coelicolor A32	bacteria>actinobacteria	Toast-rack->PADR-HTH->
ZNR+PspC		America		
ABC83427.1	Adeh_3661	Anaeromyxobacter dehalogenans 2CPC	bacteria>proteobacteria>deltaproteobacteria	ZNR+PspC->
More information	available on our web-	app.		