

**Table 4S.** Amino acid sequences of repetitive motifs in *F. psychrophilum* isolates

Isolate	Locus tag	Number of repetitions	Motif consensus sequence
JIPO2/86	FP2519	30	DYTTTVTTVTI.PAGQxTTVNVTVP I
		19	DTIDEPAETFTVNGTV
		6	ITTATGTAGTS
NCIMB1947 <sup>T</sup>	FPG3_01745	32	VNVTV <sub>xx</sub> PILEDTID <sub>xx</sub> EPAETF <sub>xxx</sub> T V <sub>x</sub> NG
		21	TAGTS <sub>x</sub> DYT <sub>xx</sub> TTVTT <sub>xx</sub> VT <sub>xxxxx</sub> IP AGQTT
950106-1/1	H0H25_07270	51	INEG <sub>x</sub> AGTVTI <sub>p</sub> VSID <sub>v</sub> VSSVDTVIN
		18	LEDTIDEPAETFTV <sub>x</sub> NGTVTS
FPS-R7	H0H26_09970	32	TYTLTVTNTS <sub>x</sub> NGCTSTNSVI <sub>xx</sub> VT VDKTAPTAT
160401-1/5N	E5165_12645	66	ILEDTIdePAETFTVNGTV
		21	ATIGNVTINEGAGTVTIPVSIDVVS SVDTVINITTATGTAGTSDYTTT
FPS-S6	E5164_01700	46	INEG.AGTVTI <sub>p</sub> VSID <sub>v</sub> VSSVDTVIN
		36	DTIDEPAETFTVNGTV
		11	ITTATGTAGTS