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TaEp1 **MGV**VR**REGAG**C**CSGGGG**----**RSERVKAAI****FSAKA**AA**AAVCG**---**GHG**-**TGL**L**HRN**LL**LT**H**GN**L**PS**AAAA**ED**AD**ALLG**HA**RLAAR**L**VP**HR**FF****TSS**IL**DL**T**IVG**D**PA**EN**ST**L**QAQ**Q**PHYLK**T**CK**K**PS**L**D**H**GS**V**V**LL**G**H**T**G**TK**K**E**  
BdEp1 **MGV**VR**REGAG**C**CSGGGG**----**RSERVKAAI****FSAKA**AA**AAVCG**---**GHG**-**TGL**L**HRN**LL**LT**H**GN**L**PS**AAAA**ED**-**AD**AL**LGH**HA**RLAAR**L**VP**HR**FF****TSS**IL**DL**T**IVG**E**PT**EN**ST**L**QAQ**Q**PHYLK**T**CK**K**PS**L**D**H**GS**A**V**LL**G**H**T**G**TK**K**E**  
OsEp1 **MGV**VR**REGAG**C**CSGGGG**----**RSERVKAAI****FSAKA**AA**AAVCG**---**GHG**G**AG**L**HRN**LL**LT**H**GN**L**PS**AAAA**ED**-**AE**AL**LGH**HA**RLAAR**L**VP**HR**FF****TSS**IL**DL**T**IVG**D**PA**EN**ST**L**QAQ**Q**PHYLK**T**CK**K**PS**L**D**H**GS**V**V**LL**G**H**T**G**TK**K**E**  
SbEp1 **MGV**VR**REGAG**C**CSGGGG**DD**GG**RS**ERVKAAI****FSAR**ASA**AAVRAQ**G---**H**H**GS**G**L**L**HRN**LL**LT**H**GN**L**PS**AAAA**ED**-**AD**AL**LGH**HA**RLAAR**L**VP**HR**FF****TSS**IL**DL**T**IVG**D**TE**GD**ST**Q**Q**Q**PHYLK**T**CK**K**PS**L**D**H**GS**A**V**LL**G**H**T**G**TK**K**E**  
ZmEp1 **MGV**VR**REGAG**C**CSGGGG**DD**GG**RS**ERVKAAI****FSAR**ASA**AAVRAQ**G**RH**GS**G**L**HRN**LL**LT**H**GN**L**PS**AAAA**ED**-**AD**AL**LGH**HA**RLAAR**L**VP**HR**FF****TSS**IL**DL**T**IVG**D**TE**GD**ST**Q**Q**Q**PHYLK**T**CK**K**PS**L**D**H**GS**V**V**LL**G**H**T**G**TK**K**E**

[illegible][illegible]

### Cysteine-rich peptide domain

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**Cx(2)-CxCCx(6)-Cx(4)-CCx(4)-Cx(9)-Cx(6)-CxCx(2)**

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 ZmZF1 **M**DDAG**R**PP**P**PP-APVAVTASASATATAPAPPQ-----SATAAD**R**SSPP**P**DALVEEGWQQA**N**DSGAT**Q**PGS**P**ERPGE**P**DC**T**Y**L**RT**G**LC**R**FG**M**SC**R**N**H**PP**D**R**N**LA**I**ASAR**M**KGE**P**ERAG**Q**PECO**Y**YL**K**TG**T**CK**F**GT**C**K**F**H  
 ShZF1 **M**DDAG**R**AP**P**PP-APAAV**T**ASASATATAPAPP**P**-----SATAAD**R**SSPP**E**ALVEEGWQQA**N**SGAT**Q**PGS**P**ERPGE**P**DC**T**Y**L**RT**G**LC**R**FG**M**SC**R**N**H**PP**D**R**N**LA**I**ASAR**M**KGE**P**ER**V**G**Q**PECO**Y**YL**K**TG**T**CK**F**GT**C**K**F**H  
 OsZF1 **M**DDAG**R**ASAP-**A**VV**T**V**T**ASAA**P**TP**P**PPPPPPPP**S**Q**L**ATAA**T**DE**P**SH**D**PAAL**V**EG**W**QQA**N**SG**S**GAT**Q**PG**P**ERS**G**EP**D**CT**Y**LT**R**TL**C**R**F**G**M**SC**R**N**H**P**D**R**N**LA**I**ASAR**M**KGE**P**ER**M**G**Q**PECO**Y**YL**K**TG**T**CK**F**GT**C**K**F**H  
 TaZF1 **M**DEAG**R**ASAP-**A**VV**T**V**T**ASASATATAPPPPPPP-ATATA**A**A-AD**P**SSPP**D**ALVEEGWQQA**N**SGAT**Q**SG**P**ERPGE**P**DC**T**Y**L**RT**G**LC**R**FG**M**SC**R**N**H**PP**D**R**N**LA**I**ASAR**M**KGE**P**ER**V**G**Q**PECO**Y**YL**K**TG**T**CK**F**GT**C**K**F**H  
 BdZF1 **M**DDAG**R**APAPAAV**T**V**T**ASS**S**AA**N**AS**D**SPSSPP**P**AP-ATANA**A**AD**T**DAP**S**DP-----EG**W**QQA**N**SSGAP**Q**PG**P**ERPGE**P**DC**T**Y**L**RT**G**LC**R**FG**I**SC**R**N**H**PP**D**R**N**-A**I**ASAR**M**KGE**P**ER**V**G**Q**PECO**Y**YL**K**TG**T**CK**F**GT**C**K**F**H

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