

1 40

WrbA (1) ----MAKVLVLYYSMYG--HIETMARAVAEGASKVDGAEV
 Isf (1) ----MKITGISGSPRKGNCEKIIGAALVAKERGFETDT
 SgcG (1) MSAQLKILAINGSRDGN-TADVLRHAAARVAENRGVDFEA

41 80

WrbA (35) VVKRVPETMP PQLFEKAGGK----TQ-TAPVATPQELADY
 Isf (37) VFLSNEEVAPCKACGACRDQ-DFCVIIDDDMEIYEKMRAA
 SgcG (40) VDLRSIRMERC GP CGDCNDRPVACTIADGVP EVVAKMVA

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81 120

WrbA (70) DAIIIFGTPTRFGNMSGQMRTFLDQT--GGLWASGALYGKL
 Isf (76) DGIIVAAPVYMGNYPAQLKALFDRS-VLLRRKNFALKNKV
 SgcG (80) DGIIFAAPVHGFGTASLMQTFIERAGVGYLRFDRPLSNKV

121 160

WrbA (108) ASVFSSTGTG-GGQEQTITSTWTTLAHGMVIVPIGYAAQ
 Isf (115) GAALSVGGSRNGGQEKTIQSIHDWMHIHGMIVVGDNSHFG
 SgcG (120) AGIISVARRYSAGEVWAQLTVNALINRMILVGS GFPA TVH

161 200

WrbA (147) ELFDVSQVRGGTPYGATTIAGGDGSRQPSQEELSIAR YQG
 Isf (155) GITWNPAEED--TVGMQTVSETAKKLCVLEELIQKNRDK-
 SgcG (160) ALHRGDALKD--EEGLTNVSR LVERMTDMI ELLDEHRRLT

201 226

WrbA (187) EYVAGLAVKLNG-----
 Isf (192) -----
 SgcG (198) GRSDVLA SNEVNERVGLALNELQAQP