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SGH MCPDNTHAKKQYLTPGNDIHYPGQTNHDACFIPVSVRQYA
 CaiF MCEG-----YV
 Gr1A M-----ESKNSDYVIPDSVKNYN

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SGH GEPLYIIVAHWCLLQQNWVQRNQIAEAFHITARRASYLIA
 CaiF EKPLYLLIAEWMMAENRWVIAREISIHFDIEHASKAVNTLT
 Gr1A GEPLYILVSLWCKLQEKWISRNDIAEAFGINLRRASFIIT
Helix-turn-helix motif

+ + + + + + ++

SGH YLRSKTSRVVSICRHQTLPN-KARRYEIIY-VIRVLDSPPTP
 CaiF YILSEVTEISCEVKMIP-NKLEGRGCQCQRLVKVVDIDEQ
 Gr1A YISRRKEKISFRVRYVSYGNLHYKRLEIF-IYNVNLEAAP

+ + *+ *+ +

SGH STRREKAGPP-----LVSKRRVGNNGDRSM--ANELWNRLC
 CaiF IYARLRNNSREKLVGVRKTPRIPAVPLTELNREQKWQMM-
 Gr1A TESHVSTGPK-----RKTLRVGNGIVG---QSSIWNEM-

+++* + +

SGH SNRNAGKILKKKEDEDDGT **(170 aa)**
 CaiF ----LSKSMRR **(131 aa)**
 Gr1A -----IMRRKKE----S **(135 aa)**