

DpcCYC1

A	<i>B. bretschneideri</i>	DILGF E KASKTVEWLLNQSRSAIEDLTRILLDLNLNHSSSTVGAA---NSTSTAASECEVL S SGTDHEPKPKLG D YKGKLAG-NK-R---KK-----RKRLVTRVAFD [•]
	<i>D. pilosus</i>	DILGF E KASKTVDWLLSQSRSEIEELTRA-H---N--SS-IGAA---NSTSSA-SECEVL S SGTDHEPKPKLG--KSKEEGKDLGAA--KDKEKAADKKKKKKRKGIVTRVAFD
B1	<i>S. atropurpurea</i>	DMLGF E KASKTVDWLLDQSRSAIEDLTKLAL-- NS NHNSSV---A---RTTSSA S SECEVL S SGTDHE A KAEL- G -KGKG-- DIL CAG--KDKK-----RKGMVTRVAFD
B2	<i>S. atropurpurea</i>	DMLGF E KASKTVDWLLDQSRSAIEDLTKLAL-- NSI HDSS IL GAAKDLTRTTSSA S SECEVL S SGTDHEPKPELAS-KGKG-- KSL GAGS-KDKK-----RKGIVTRAAFD
B3	<i>S. atropurpurea</i>	DMLGF E KASKTVDWLLDQSR S GIEDLTKLAL-- K SNHSSSV D AV KHL TRTTSSA S SECEVL S SGTDHEPKPELAS- KAK G-- K SWGAGS-KDKK-----RKG I ATRVAFD
B4	<i>S. atropurpurea</i>	DMLGF E KASKTVDWLLDQSRSAIEDL N KLAI-- SS NHISSV E DAAK Q LTRTTSSA S SECEVL S SGTDHEP R PELAG-KGKG-- IIL DAG I IKDKK-----RKG KVRR VAFD

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	<i>B. bretschneideri</i>	DTLGFDKASQTLDWLLNKSKSAIKDLVRSKLGCSSTSSSNIACR T LT S IYESDDDVDPRETHNV-DIEEDGKMI-TRKLR S KQKA E KSALDLAVK [•]
	<i>K. calycina</i>	DTLGFDKASQTLDWLFDKSKVAIKDLVLSKLGCTTTSSSNIACR T LT S IYESDNDVDPLELHN V -DLEEDGK---EKRF R SKQKFDKSALDLAAK
	<i>P. strictus</i>	DTLGFDKASQTLDWLL N KS KAA IKDLVKSKLCCSSTSSSNIACHTLT T IYESDDDV D ALGTHNVIDLEEDGKIITERRVRSKQKASDSPVDLAAK

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Ba	<i>B. bretschneideri</i>	DMLGFDKASKTLDWLLTCSKDSI G KLINMKMTQ C INTNANYTNGCLYELVYPNSNSTNINNNS-SGC-EKICR-DAFDLSSR [•]
	<i>D. pilosus</i>	DMLGFDKASKTLDWLFTCSKDSINELVKMKMTRCINTNANN S N-----S-NSNNNS-AIV-EKICR-DAFDTSSR
Ba1	<i>S. atropurpurea</i>	DMLGFDKAS K TLDWLF A CSKDSINELINMK KMS YYN-----S-NS N NNS- T FA-EKNCR-DGF G TSSR
Ba2	<i>S. atropurpurea</i>	DMLGFDKASQTLDWLFTCSKDSINELINMK KMT TVN-CD----- G -NS I NDKDKVA- Q KI F RG TG FD S TSR
Ba3	<i>S. atropurpurea</i>	D LLGFDKASQTLDWLFTCSKDSINELINMK MSA QCI -----NS D CN-- K VA-EKICR-DGF G SSSR
Ba4	<i>C. humilis</i>	D LLGFDKASQTLDWLFTCSKDSINELINMK MSA QCI -----NS K NNN- K IA-EKICR-DGF G SSSR
Ba5	<i>P. strictus</i>	DMLGFDKASQTLDWLFTCSKDSINELINMK MNT Q SNKCD-----STNS K NNN- K IAHEKICR-DGF D SSSR
Bb	<i>B. bretschneideri</i>	DMLGFDKASKTLDWLFTSSKDSI R ELVNMKMN--KCINTNNPNTNTSTNYPTGCLY E KVYNTNPS-----DKISR N AFDTSSR [•]
	<i>D. pilosus</i>	D LLGFDKASKTLDWLFTSSKDSI R ELVNMKM K MAKCINTNI-TNTNPNPNI G CLY E MVYNTNTNDNSIIDGKISRDAFHSSSR
Bb1	<i>P. strictus</i>	DMLGFDKASKTLDWLFTSSKDSI K ELVNMKM K MTKSINNIN- TNY Y ---NPTGCLY E MVYNTNNNNNG- S IEKISR N AFGMSSR
Bb2	<i>P. strictus</i>	D M LGF D KAS K <u>T</u> LDWLF T <u>S</u> SKDSI K ELVNMKM K MTKSINNIN MINT Y N--NPTGCLY E MVYNTNN----- G IEKINRDAFG T SSK

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	<i>S. atropurpurea</i>	DMLGFDKASKTIEWLFSKSKKAIREVTLKHPHMKN N FRKIKESVT S ECEM I DEKEETQSFVFDPVAREMRN [•] K
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	<i>B. bretschneideri</i>	DMLGFDKASKTIEWLLAKSKGA I KELTANIPTSI--VNGEG--GCGFFSGS S SEGKKNKRDMG-MAMK [•]
	<i>K. calycina</i>	DMLGFDKASKTIEWLLAKSKGA I KELTRNLPTST-TINGEG--NCVFFSGS S SEGKKNKRDMGIMAMK
	<i>S. atropurpurea</i>	DMLGFDKASKTIEWLLAKSKGA I MELTRNLPTSTSTINGEG-----KKNRDMGIMAMK