

Signal peptide.....|NH2-term.....|CTDC-like.....CTDC-1.....
 Ddis PdiA MAKIIISLILLLSLFSSFSYGAYN-CNKLNCSKNTKCRFFSCTSVVGCYYTDKCTSP--DLCHNSACNAS
 DPU_43435 -MKLIITLLIIS-LIAFVNGSYN-CAKLSQCG-TDKCKTYSCTSYYGCTSTDCKCVT---DMCNVASCNAA
 DPU_25174 MNKLILSFVIIAFLISCTQATYN-CKKLNCG-TDKCKTYSCTSYYGCTSTDCKCVT---DMCNVASCNAA
 DDB_G02803 -MKSIIILSFILSIISFSNGTIVKCTSASCSLNNNCVNHVCNPRAGCYGIDKCVRI--DACHIVSCDLN
 DDB_G02876 MTKILYLIYLYLTLTIVKGAPLYN-CKKLNCSMNTNCKVFGCSEPMFGCFETSKCPQSNVDICHTNHCDEN
 DDB_G02911 -----MNTNCKIFGCSPIN-----VDICHTNHCDEN
 DDB_G02910 -----MKIKREDIEKHIDNDCQYIQIIN-----VDICHTNHCDEN
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.....|CTDC-2.....|.....CTDC-3.....
 Ddis PdiA TGNCTLTTISCNDDNPCTDDFCHPGYGCYSVPNSCDPGVICQQNCNDNDPCTYDFCDALNICRHS--ET
 DPU_43435 TGNCTISPISCNDDGNPCTDDFCHPGYGCYSVPNSCDPAVVCQNNCNDNNKCTNDFCDPNNNCFHETPTIP
 DPU_25174 TGNCTITPLKDDGNPCTDDFCHPGYGCYAVPNACDPAVVCCKNNCNDNNKCTNDFCDGNNICYHESYSNP
 DDB_G02803 NGSCINTKANCDDGDPCTDDFCHNGYGCFSLPNNKHPSVICQKNCNDNNPCTDDFCDFTNTCQHT--LKN
 DDB_G02876 TGSCYQIADTCNDGNNTIDSCGPYGCVNTPVNPPEPTQSCEQKNCNDNNPCTVDFCDFRGDCYHY--ETR
 DDB_G02911 TGSCYQIADTCNDGNFNTIDSCGPYGCVNAPVNPPEPTQS-----YPCTVDFCDFRGYCYHY--ETR
 DDB_G02910 TRSCYQIADTCNDGNNTIVVV-----VHMVVS--THQS-----CTVDFCDFRGYCYHY--ETR
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...|CTDC-4.....|CTDC-5.....|CTDC-like.....
 Ddis PdiA CNDGDACTLNTCG-VNGCNFTKISCDNDPCTADYCYSTLYGCEHEPIECSIKVPCNIDSDCNRRNGCETF
 DPU_43435 CQDFNACTVDSQDPINGCSNTPLSRDDNDPCTADYCHIIYGCYHEPIECSIKVPCNIDSDCNRRNGCETF
 DPU_25174 CQDFNACTVDSQDPINGCSNTPLSRDDNDPCTADYCHIIYGCYHEPIECSIKVPCNIDSDCNRRNGCETF
 DDB_G02803 CEDNDFCTIDSCG-PNGCVHTNISCDNDPCTSDFCSIMYGCYHEQIECSIKVPCSTDIENRYNLCETY
 DDB_G02876 CSDYDACTLDTCG-EKGCEYRPMNCDDNNPCTADFCSIMYGCYHEPIECSIKVPCRTDSQCNRNFCETY
 DDB_G02911 CSDYDACSLDTCG-EKG-----YPCTADFCSIMYGCYHNPIEFSVKVPCSTDSQCNRN-----
 DDB_G02910 CSDYDACTLDTCG-EKG-----YPCTADFCSIMYGCYHKPIECSVKVPCSTDSQCNRN-----
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.....|CTDC-like.....
 Ddis PdiA TCNLSNTNTCDYYAKNCGGWPCINNQCTTGSISN-----
 DPU_43435 TCDLTSNTCDYYAKNCNGNPCINNQCTTGSITN-----
 DPU_25174 TCDLTSNTCDYYAKNCNGFPCINNECTTGSISN-----
 DDB_G02803 TCDLISNICKYSTKFCNGFPCINNECMTGVIYN-----
 DDB_G02876 SCDLSSNICDYTRDCGGNPCINNECRTGTITN-----
 DDB_G02911 -----TCDYYDRDRGGNPCINNEWRTGTITNYIIIIIIII
 DDB_G02910 -----TYDYYGRDRGGSPCINNEWRTGTITN-----
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