CE1

>**gb|ACS85467.1| putative esterase [Dickeya dadantii Ech703]**MRTRKTCLYLLISSLSLLAPMMANALPSGIPAFPRMDVATRDYVSQVNPDHSITFRLFAPEAKSVSVITGATPESWVVHPMSKNALGVWSFSSAPMKPNLYEYFFNVDGFRSGDTGSALPKPQRQVNTSMILVPGSLLDIRPVPHGDLRTVTYHSSTLKAERQLYVWTPPGYSDKDSKPLPVLYFYHGFGDTGSSAVAQGRIPQIMDNLLAEKKIAPMLVVIPDTETEVADAVAEDFPPQERRKTFYPRNAAAADRELIHDIIPLISQRYNVRHDANGRALAGLSQGGYQALVSGMSHLDHFGWLATFSGVTTETVPNALVSAQLAKAQQVNQQLRNFTVAVGEKDSVTGKDIAGLKKLLEQQGVRFDYTQYPGLGHEMDVWRPAYAEFVQKIFK  
  
>**gb|ACT06560.1| putative esterase [Dickeya zeae Ech1591]**MKTRKTCLYLLLSALSVSTPLAALAASGTLPTLPRTDVATRHYLSQVNADNSITFRLFAPEAKAVSVVTGATPETWVAHPMTKNDLGVWSWRSEPQRPNLYEYFFNVDGFRSIDTGSALPKPQRQVNTSMILVPGSLLDIRAVPHGELRTVTYHSASLKAERQISVWTPPGYTDTGKPLPVLYFYHGFGDAGDSAVAQGRIPQIMDNLLAEKKIAPMLVVIPDTETDIAEAVPEDFPPKDRRKTFYPRNAAAADRELIHDIIPLVSERFNVRRDADGRALAGLSQGGYQALVSGMSHLDHFGWLATFSGVTTETVPNAQVTAQLGNAAGINRQLRNFTVAVGEKDTVTGKDIAGLKAQLEQNGVKFDYRQYPGLGHEMDVWRPAYIEFVQKIFK  
  
>**gb|ACZ76527.1| glycoside hydrolase family 13 domain protein [Dickeya dadantii Ech586]**MKTRKTCLYLLLSALSVATPLTALAASGGIPELPRVDVPTKQYLSQVNADNSITFRLFAPAAKSVSVVTGATPETWVAHPMVKNELGVWSWRSEPKQPNLYEYFFNVDGFRSIDTGSAFPKPQRQVNTSMILVPGSVLDTRAVPHGELRTVTYHSASLKSERQVYVWTPPGYTGTGKPLPVLYFYHGFGDAGDSAVRQGRIPQIMDNLLAEKKITPMLVVIPDTETDATDAIAEDFLPKDRRKVFYPRNAAAADRELIHDIIPLVSERFNARRDADGRALAGLSQGGYQALVSGMSHLDYFGWLATFSGVTTETVPNAQVTAQLGNAAAINRQLHNFSVAVGEKDTVTGKDIAGLKAQLEQKGVKFDYRQYPGLGHEMDVWRPAYIEFVQKIFK  
  
>**gb|ADM98906.1| Putative xylanase [Dickeya dadantii 3937]**MVVIRHDTARPFLPCTNKKRLRMKTRKTCLCLLLSALSLSAPLAALAASGAIPALPRADVATRHYLSQVNADNSITFRLFAPDAKAVSVVTGATPETWVAHPMMKNDLGVWSWRSEPQRPNLYEYFFNVDGFRSIDTGSALPKPQRQVNTSMILVPGSVLDTRPVPHGELRTVTYHSASLKSERQVYVWTPPGYTGTGKPLPVLYFYHGFGDAGDSAVAQGCIPQIMDNLLAEKKIAPMLVVIPDTETDAADAIAEDFAPKERRKTFYPRNAAAADRELIHDIIPLVNERFNVRRDADGRALAGLSQGGYQALVSGMSHLEHFGWLATFSGVTTETVPNAQVTAQLSNAAGINQQLRNFTVAVGEKDTVTGKDIAGLKAQLEQKGVKFDYRQYPGLGHEMDVWRPAYIEFVQKIFK

CE4

>**gb|ACS84709.1| urate catabolism protein [Dickeya dadantii Ech703]**MNTLADWGPDPDYPRDLIGYAGKPPHANWPGRARIAVQFVLNYEEGAENNVLHGDAGSEQFLSDIIGAASYPARHMSMDSLYEYGSRAGFWRIHQEFQRRGLPLTVFGVAMALARNPAVTAAIREVDYDVVSHGWRWIHYQEMDVETERQHLRRAVEVQTALFGRPPLGWYTGRDSPHTRQLVLEHGGFLYDSDYYGDDLPFWMPVQLSDGALRPHLIIPYTLETNDMRFAAPQGFNSGDQFFTYLKDSFDVLYAEGENAPKMMSVGMHCRLLGRPGRFRALQRFLDYIQQHDRVWVCRRQEIAEHWYREHPYRGA  
  
>**gb|ACT05748.1| urate catabolism protein [Dickeya zeae Ech1591]**MTLSQQWGSDPDYPRDLIGYAGQPPHARWPGQARIAVQFVLNYEEGAENHVLHGDAGSEQFLSDIIGAASYPARHMSMDSLYEYGSRAGFWRIHQEFQRRGLPLTVFGVAMALARNPAVVEAIRTADYDVVSHGWRWIHYQNMDIDTERAHLQQAIAVHTDLFGRPPLGWYTGRDSPHTRQLVLEQGGFLYDSDYYGDDLPFWLPVKRASGELKPHLIVPYTLDANDMRFASPQGFNSGEQFFSYLKDSFDVLYAEGEEAPKMMSIGMHCRLLGRPGRFRALQRFLDYIQQHERVWVCRRQDIAEHWYRTHPYRA  
  
>**gb|ACZ78107.1| urate catabolism protein [Dickeya dadantii Ech586]**MTLSQLWGTDPDYPRDLIGYAGKPPHARWPGQARIAVQFVLNYEEGSENHVLHGDAGSEQFLSDIIGAASYPARHMSMDSLYEYGSRAGFWRIHQEFQRRGLPMTVFGVAMALARNPAVVEAIKAADYDVVSHGWRWIHYQNMDIDTERAHLQQAIAVHTDLFGQPPLGWYTGRDSPHTRQLVLEQGGFLYDSDYYGDDLPFWLPVRRADGEVKPHLIVPYTLDANDMRFASPQGFNSGEQFFNYLKDSFDVLYAEGDDAPKMLSIGMHCRLLGRPGRFRALQRFLDYIQQHERVWVCRRQDIAEHWYRVHPYQG  
  
>**gb|ADM99765.1| hypothetical protein [Dickeya dadantii 3937]**MTLSQQWGSDPDYPRDLIGYAGKPPHARWPGQARIAVQFVLNYEEGAENHVLHGDAGSEQFLSDIIGAASYPARHMSMDSLYEYGSRAGFWRIHQEFQRRGLPLTVFGVAMALARNPAVVEAIRAADYDVVSHGWRWIHYQNMDIDTERAHLQQAIAAHTELFGQPPLGWYTGRDSPHTRQLVLEQGGFLYDSDYYGDDLPFWLPVRQVDGGVRPHLIVPYTLDANDMRFASPQGFNSGEQFFSYLKDSFDVLYAEGDEAPKMMSIGMHCRLLGRPGRFRALQRFLDYIQQHERVWVCRRQDIAEHWYRTHPYPA

CE8

>**gb|ACS86543.1| Pectinesterase [Dickeya dadantii Ech703]**MLKTISGSLALTLLLAASLQNAQAADAYNALVSTSSSDSSAFKTIAEAVASAPSGSSSFVIYIKNGVYKERLTISRDNVHLKGQSRDGTIIAATTAAGTLKSDGTKWGTSGSSTVKVNAKDFTAEALTIRNDFDFPANQAKSDSDSTKIKDTQAVALYVAGNSDRAYFKNVSLVSYQDTLYVSGGRSFFSGCRISGTVDFIFGNGTALFDDCDLVSRNRTDVASGGVYGYLTAPSTDINTTYGLVITNSRVIKESSSVPSKSYALGRPWHPTTTFSDGRYADPNAIGQTVFLNTSMDNHIYGWDKMSGKDKDGNTIWFYPEDSRFYEYKSTGNGAAVTSSRRQLTSTEAAQYTKSKVLNGWTPTLP  
  
>**gb|ACT05959.1| Pectinesterase [Dickeya zeae Ech1591]**MLKTISGTLALSLIIAASVHQAQAATTYNAVVSKAASDGKTFKTIADAIASAPAGSTPFVILVKNGVYNERLTITRSNLHLKGESRSGTVIAATTAAGTLKSDGSKWGTAGSSTVTISAKDFSAQSLTIRNDFDFPANQAKSDSDSTKIKDTQAVALYVTKSGDRAYFKDVSLVGYQDTLYVSGGRSFFSDCRISGTVDFIFGDGTALFDNCDLVSRYRADVKSGNVSGYLTAPSTNIKQKYGLVITNSRVIRESDSVPAKSYGLGRPWHPTTTFSDGRYADPNAIGQTVFLNTSMDNHIYGWDKMSGKDKDGNTIWFYPADSRFFEYKSYGAGAAKSSDRRQLTDAQAAEYTQSKILGDWTPTLP  
  
>**gb|ACT07309.1| Pectinesterase [Dickeya zeae Ech1591]**MSLTHYSGLAAAVSMSILLTACGSQMPNHSARFQPVFPGTASRPVLSAQEAERFTPQHYFAHGGKYARPITDGWMPTPIETAHVVAAYVVGPRVGVAGVTHTSIQQAVNAALRQHPGQTRVYIKLLPGTYTGTVYIPEGAPPLTLFGAGDRPEQVVVSLALDSMMSPADYRARVNPHGQYQPTDPAWYMYDVCASKPGTTINTTCSAVMWSQSNDFQLKNLTVVNALLDTVDSGTHQAVALRTDGDRVQLENVRLLGRQDTFFVNTSDRQNGYVTDHYSRAYIKDSYIEGDVDYVFGRATAVFDGVRFHTVSSRGSKEAYVFAPDSIPSVKYGFLVINSRLTGDSGYRGTQKAKLGRAWDQGAKQTGYLPGKTANGQLVIRDSTIDSSYDLVNPWGTAATTDRPFKGNINPQRHLDDLHFNRLWEYNTQVLLHE  
  
>**gb|ACZ77922.1| Pectinesterase [Dickeya dadantii Ech586]**MLKTLSGTLALSLMVALSVHQAQAATTYNAVVSKTASDGKTFKTIADAIASAPAGSSSFVILIKNGVYNERLTITRNNLHLKGESRNGTVIAAAIAAGTLKSDGSKWGTAGSSTVTISAKDFSAQSLTIRNDFDFPANQAKSDSDSTKIKDTQAVALYVTKSGDRAYFNDVSLVGYQDTLYVSGGRSFFSDCRISGTVDFIFGDGTALFNNCDLVSRYRADVKSGVSGYLTAPSTNINQKYGLVITNSRVIKESDSVPAQSYGLGRPWHPTTTFSDGRYADPNAIGQTVFLNTSMDNHIYGWDKMSGKDKDGNTIWFYPEDSRFFEYKSYGAGAAKSSARRQLTDTQAAEYTQSKILGDWTPTLP  
  
>**gb|ADM98093.1| Possible pectinesterase [Dickeya dadantii 3937]**MSLTHYSGLAAAVSMSLILTACGGQTPNSARFQPVFPGTVSRPVLSAQEAGRFTPQHYFAHGGEYAKPVADGWTPTPIDTSRVTAAYVVGPRAGVAGATHTSIQQAVNAALRQHPGQTRVYIKLLPGTYTGTVYVPEGAPPLTLFGAGDRPEQVVVSLALDSMMSPADYRARVNPHGQYQPADPAWYMYNACATKAGATINTTCSAVMWSQSNDFQLKNLTVVNALLDTVDSGTHQAVALRTDGDRVQLENVRLLSRQDTFFVNTSDRQNSYVTDHYSRAYIKDSYIEGDVDYVFGRATAVFDRVRFHTVSSRGSKEAYVFAPDSIPSVKYGFLVINSQLTGDNGYRGAQKAKLGRAWDQGAKQTGYLPGKTANGQLVIRDSTIDSSYDLANPWGAAATTDRPFKGNISPQRDLDDIHFNRLWEYNTQVLLHE  
  
>**gb|ADM99554.1| Pectinesterase [Dickeya dadantii 3937]**MLKTISGTLALSLIIAASVHQAQAATTYNAVVSKSSSDGKTFKTIADAIASAPAGSTPFVILIKNGVYNERLTITRNNLHLKGESRNGAVIAAATAAGTLKSDGSKWGTAGSSTITISAKDFSAQSLTIRNDFDFPANQAKSDSDSSKIKDTQAVALYVTKSGDRAYFKDVSLVGYQDTLYVSGGRSFFSDCRISGTVDFIFGDGTALFNNCDLVSRYRADVKSGNVSGYLTAPSTNINQKYGLVITNSRVIRESDSVPAKSYGLGRPWHPTTTFSDGRYADPNAIGQTVFLNTSMDNHIYGWDKMSGKDKNGNTIWFNPEDSRFFEYKSYGAGATVSKDRRQLTDAQAAEYTQSKVLGDWTPTLP  
  
>**gb|AGI36548.1| pectinesterase [Dickeya sp. DCE-01]**MCMLKTISGTLALSLIIAASVHQAQAATTYNAVVSKSASDGKTFKTIADAIASAPAGSTPFVILIKNGVYNERLTITRSNLHLKGESRSGAVIAAATAAGTLKSDGSKWGTAGSSTITISAKDFSAQSLTIRNDFDFPANQAKSDSDSSKIKDTQAVALYVNKSGDRAYFKDVSLIGYQDTLYVSGGRSFFSDCRISGTVDFIFGDGTALFDNCDLVSRYRADVKSGGISGYLTAPSTNINQKYGLVITNSRVIRESDSVPAKSYGLGRPWHPTTTFSDGRYADPNAIGQTVFLNTSMDNHIYGWDKMSGKDKDGNTIWFNPEDSRFFEYKSYGAGAAVSKDRRQLTDAQAKEYTQSKVLGDWTPTLP

CE9

>**gb|ACS84918.1| N-acetylglucosamine-6-phosphate deacetylase [Dickeya dadantii Ech703]**MYALINGRIFTGHQVLDAHAVIIADGVIHQVCSVQDVPPDLHQRDLAGALLAPGFIDLQLNGCGGVQFNDSMETISVKTLEVMQRANEKSGCTSFLPTLITSSDAFMKHSVEVMRAWLAQHRNQALGLHLEGPWLNPVKKGTHDASFIRQPDNELVDYLCDNADVISKITLAPECVPTAVIRKLIRAGIVVSAGHSNATWAEAKQGFAAGIRFATHLFNAMPHITGREPGLVGAIYDAPEVYCGIIADGYHVNWASIRNTKRIKGDKLVLVTDATAPAGANIDRFIFAGKPIYYRDGICVDENGTLSGSALTMIDAVHNCVEHAGIALDEALRMATLYPARAIGEDHRLGSIEAGKVANLAVFTRDFQILNTFVNGEDVLNTDE  
  
>**gb|ACT07765.1| N-acetylglucosamine-6-phosphate deacetylase [Dickeya zeae Ech1591]**MYALTNGRIFTGHQTLDGYAVVIVDGLIDAVCPVHELPDTLPRRDLAGALLAPGFIDLQLNGCGGVQFNDALSSLCVKTLETMQKANEKSGCTSFLPTLITSSDEFMRRSIDVMRAWLAQHRHQALGLHLEGPWLNPAKKGTHDAAFIRQPDEQLVAYLCDNADVISKITLAPERVPDKVIKQLSDAGIVVSAGHSHATWEQAKQGFAAGIRFATHLFNAMPPIAGREPGLVGAVYDAPEIYCGIIADGHHVSWANIRNSKRIKGDKLVLVTDATAPAGSDIDQFTFAGKTIYYRDGICVDENGTLSGSALTMIDAVRNCVEHAGIALDEALRMATLYPAMAIGEAHRLGSIETGKVANLTVFTRDFDILNTFVNGEEVFHKH  
  
>**gb|ACZ76042.1| N-acetylglucosamine-6-phosphate deacetylase [Dickeya dadantii Ech586]**MFALINGRVFTGHQILDGYAVVVTDGLIEAVCPAHELPDTLPRRDLAGALLAPGFIDLQLNGCGGVQFNDALSSLCVQTLETMQKANEKSGCTSFLPTLITSSDEFMHHSIGVMRAWLAQHRHQALGLHLEGPWLNPIKKGTHDASFIRQPDDELVAYLCDNADVISKITLAPEMVPGNVIRQLSDAGIVVSAGHSHATWEQAKQGFAAGIRFATHLFNAMPPITGREPGLVGAVYDAPEVYCGIIADGHHVSWATIRNSKRIKGDKLVLVTDATAPAGSTIDQFTFAGKTIYYRDGICVDENGTLSGSALTMIDAVRNCVEHAGIALDEALRMATLYPARAIGEASRLGSIETGKVANLTAFTRDFDILSTFVNGEEVFRKS  
  
>**gb|ADM97524.1| N-acetylglucosamine-6-phosphate deacetylase [Dickeya dadantii 3937]**MYALTNGRIFTGHQTLDGHAVVVADGLIEAVCPIRELPDNLPRRDLAGALLAPGFIDLQLNGCGGVQFNDALNNLSVKTLETMQRANEKSGCTSFLPTLITSSDEFMRHSIGVMRAWLAQHRHQALGLHLEGPWLNPVKKGTHDAAFIRQPDESLLNYLCDNADVISKITLAPEMVSTAVIRQLTTAGIVVSAGHSNATWEQAKQGFAAGIRFATHLFNAMPALVGREPGLVGAVYDAPEVYCGIIADGRHVNWANIRNSKRIKGDKLVLVTDATAPAGSDIDRFTFAGKTIYYRDGICVDEHGTLSGSALTMIDAVRNCVEHAGIALDEALRMATLYPARAIGEDHRLGSIETGNVANLTVLTRDFDILNTFVNGEEVFHKQ

CE10

>**gb|ADM98623.1| pectin acetylesterase [Dickeya dadantii 3937]**MSLRRVIAGTLMMSVSGFTLADTIFPIWPQGEAPGAATSSVQQQVVERSKDPTLPDRAVTGIRSPEITVYTPEKPNGTALLITPGGSYQRVVLDKEGSDLAPFFTRQGYTLFVMTYRMPGDGHQEGADAPLADAQRAIRTLRAHAAQWQIDPQRIGIMGFSAGGHVAASLGTRFAQTVYPAQDEIDHISARPDFMVLMYPVISMQENIAHAGSRKALIGSHPSDAQIQRYSAEKQVSAQTPPTFLVHAIDDPSVSVDNSLVMLAALRAHQIPAEIHLFEQGKHGFGIRGTVGLPAAIWPQLLDNWLTSLPLKKNTANQPDKK

CE11

>**gb|ACS84465.1| UDP-3-0-acyl N-acetylglucosamine deacetylase [Dickeya dadantii Ech703]**MRDNMMIKQRTLKRIVQATGVGLHTGKKVTLTMRPAPANTGVIYRRTDLNPPVDFPADAKSVRDTMLCTCLVNEHDIRISTVEHLNAALAGLGIDNIVVEVDAPEIPIMDGSASPFVYLLLDAGIEELNCAKKFLRIKQAVRVDDGDKWAELKPFNGFSLDFTIDFKHPVIDSGSQRFKLDFSADAFVRQISRARTFGFMRDIEYLQSRGLCLGGSLDSAIVVDDYRVLNEDGLRFDDEFVRHKLLDAIGDLFMCGHNIIGAFTAFKSGHALNNKLLQAVLARQEAWEYVTFEDEAEMPVAFRAPSTVLA  
  
>**gb|ACT05498.1| UDP-3-0-acyl N-acetylglucosamine deacetylase [Dickeya zeae Ech1591]**MIKQRTLKRIVQATGVGLHTGKKVTLTMRPAPANTGVIYRRTDLNPPVDFPADAKSVRDTMLCTCLVNEHDVRISTVEHLNAALAGLGIDNIVVEVDAPEIPIMDGSASPFVYLLLDAGIEELNCAKKFLRLKQPVRVEDGDKWAELKPFNGFSLDFTIDFKHPVIDAGSQRFKLDFSADAFVRQISRARTFGFMRDIEYLQSRGLCLGGSLDSAIVVDDYRVLNEDGLRFDDEFVRHKMLDAIGDLFMCGHNIIGAFTAFKSGHALNNKLLQAVLAKQEAWEYVTFEDEAEMPLAFKAPSTVLA  
  
>**gb|ACZ78356.1| UDP-3-0-acyl N-acetylglucosamine deacetylase [Dickeya dadantii Ech586]**MIKQRTLKRIVQATGVGLHTGKKVTLTMRPAPANTGVIYRRTDLNPPVDFPADAKSVRDTMLCTCLVNEHDVRISTVEHLNAALAGLGIDNIVVEVDAPEIPIMDGSASPFVYLLLDAGIEELNCAKKFVRIKQPVRVEDGDKWAELKPFNGFSLDFTIDFNHPVIDSGSQRFKLDFSADAFVRQISRARTFGFMRDIEYLQSRGLCLGGSFDCAIVVDDYRVLNEDGLRFDDEFVRHKMLDAIGDLFMCGHNIIGAFTAFKSGHALNNKLLQAVLAKQEAWEYVTFEDEAEMPLAFKAPSTVLA  
  
>**gb|ADN00038.1| UDP-3-O-acyl N-acetylglucosamine deacetylase [Dickeya dadantii 3937]**MIKQRTLKRIVQATGVGLHTGKKVTLTMRPAPANTGVIYRRTDLNPPVDFPADAKSVRDTMLCTCLVNEHDVRISTVEHLNAALAGLGIDNIVVEVDAPEIPIMDGSASPFVYLLLDAGIEELNCAKKFVRIKQPVRVEDGDKWAELKPFNGFSLDFTIDFNHPVIDAGSQRFKLDFSADAFVRQISRARTFGFMRDIEYLQSRGLCLGGSLDSAIVVDDYRVLNEDGLRFDDEFVRHKMLDAIGDLFMCGHNIIGAFTAFKSGHALNNRLLQAVLAKQEAWEFVTFEDEAEMPLAFKAPSTVLA

CE12

>**gb|ACS86542.1| lipolytic protein G-D-S-L family [Dickeya dadantii Ech703]**MTKSALQGMVLFGALISGSMHGVLAAETISAAETAEFPTITLNDHTRISGIVSSRDIRFPATISVIDSRGLRRDVKTDDSGRFSADASQMSAPLRLSAIEYGGENCLDSNRLRAVCLGALLPAPHSGKENTANINPLTDRMLSDVAAALGYLGPQQFLNATEIPGISRSAWNTAHQAFHAGFDTALKQVGIRQTAQFAPLTYAASQHAVVWKILTVINHARNYHNNTGQAGHTVLTDIAFRPIVGLNAQGDYEPLDYASASQQLTALKQSDIRIFIVGDSTAATYEKARYPRMGWGQVFAQQFRTNGNVYVVNGARSGRSSRDFYYEGWFRQMEPFMRPGDYMFIHMGHNDQNCNSNKAERGAADVANLCTYPNNAAGQQQYPAGKPDMSFQQSLERYIRYAREHQMHPVLLTPTARVKNAEGKTGTPVVHSHYTRQNQSNGYAFVGDYTQTIHDTASANKVPLLDVETATIALANQDNGSRWQQYWLAVDPDIYPYYRNQQGSISQPDTTHFQQKGALAVAAIVADAIRNTPELKPLATKLATKN  
  
>**gb|ACT05960.1| pectin acetylesterase [Dickeya zeae Ech1591]**MKITTWKRTLFLGSLLCLPISFAQAANTAPESPASPSQPILNVTTLGPNTLISGRVAYRDIRFPATLLIKDQRGVEHSVKTDIQGRFYADVSSMVAPLRLSAVEAGGQNCLASNQLRAVCLSALVPQLRDGHENRININPLTDRILSDVAASAGYIGPQQLIDATTLPSLSTAAWETAYREFHAGFDDALKQAGIAAPSQFDPLTYPDVLTPAVTQMLQVINHARNYHNDSGQAGHTVLTDIAFRPIVGLNASGSYEPLDLTSASQQRKALEQARTRIFIVSDSTAATYETARFPRMGWGQVFAQQLRPDSHIAVVNGARSGRSSRDFYYEGWFRQMEPFMRPGDYLFIGMGHNDQNCDSQKAVRGAADVANLCTYPNSADGKPQYPQGKPDMSFQISLERYIRYARAHRMIPVLLTPTARVKNAEGKNGTPAVHSHLTKQNKAGGYAFIGDYTQTIRDTASKNKVPLLDVETATLALANQGDGQQWQQYWLAVDPELYPYYRDQAGSLTQPDTTHFQQKGAQAVAAIVADQIKATPSLRELAGKLQATTQ  
  
>**gb|ACZ77921.1| pectin acetylesterase [Dickeya dadantii Ech586]**MFTTTWQRTLFLSTLFCCMPSAVVLAAGTTSDTPSSATQPVLAVATLAPNTLISGQVMYRDIRFPATLLIKDQRGTERSLKTDIQGRFYAEVSSMVTPLRLSVIEAGGQHCLTSNQLRAVCLGALVPQLRDGHENRININPLTDRILSDVATSAGYIGPQQLLNATTLPTLSVAAWETAYREFHNGFDDALKQAGITDPTQFDPLTYPNTLTPAFTKILQVTNHARNYHNDSGEAGHTVLTDIGFHPIVGLNASGSYEPLDLASASQQRKALEQARTRIFIVSDSTAATYEKARFPRMGWGQVFEQQLRPDSHLAVVNGARSGRSSRDFYYEGWFRQMEPFMRPGDYLFIGMGHNDQNCDSQKAVRGAADVANLCTYPNSADGKPQYPQGKPDMSFQISLERYIRYARAHRMIPVLLTPTARVKNADGKNGTPAVHSHLTKQNKAGGYAFVGDYTQTIRDTASKNKVPLLDVETATLALANQGDGQQWQQYWLAVDPERYPYYRDQAGSLTQPDTTHFQQKGAQAVAAIVADQIKATPSLRELASKLQATDR  
  
>**gb|ADM99553.1| pectin acetylesterase [Dickeya dadantii 3937]**MLTTTWNRAFFLGSLLCLPISFAQAEGTVTETNASPTSPVLNVVTLAPNTSISGRVAYRDIRFPATLLIKDQHGVERSVKTDIQGRFYVDVSSLVTPLRLSAIEAGGQNCLLSNQLRAVCLGALVPELRDGHENRININPLTDRILSEVAVSAGYIGPQQLIDAATLPSLSTTVWETAYREFHVGFDDALKQAGIADPSQFDPLTYSDTMTPAFTKILQVINHTRGYNNNNGQASHTVLTDIKFRPIAGLNASGSYEPLDLTSANQHRKALEQSHTRIFIVSDSTAATYEKARFPRMGWGQVFEQQFRPGGDVTVVNGARAGRSSRDFYYEGWFRQMEPFMRPGDYLFIGMGHNDQNCDSQKALRGAADVANLCTYPNSADGRPQYPQGKPDMSFQISLERYIRYAQAHRMIPVLLTPTARVKNAEGKNGTPAVHSHLTKQNKAGGYAYIGDYTQTIRDTASKNKVPLLDVETATLALANQGDGQQWQQYWLAVDPDRYPYYRDQAGSLTQPDTTHFQQKGAQAVAAIVADQIKATPSLRELAGKLQAANR