

AB2/73 I8E17_31255	1	MFVRSITLLETICNQIQAGEISVLEIREATLAAMLRLNSQLNCFIHDS-GVEQSFAPK--DAACVDAPLGGIPVSFKDNICVE	77
Rhizobium_tumorigenes WP_111220954.1	1	MFATSNIEKICHQIHARETSVLEIRESTLAAMLRLHSQNLNCFIQER-GIEQSFATKP--DAACVDAPLGGIPVSFKDNICVE	77
Allorhizobium_vitis WP_156634936.1	1	MFATSNIEKICHQIHARETSVLEIRESTLAAMLRLHSQNLNCFIQER-GIEQSFATKP--DAACVDAPLGGIPVSFKDNICVE	77
Dickeya_dianthicola WP_161142954.1	1	MHSEYTLLESICSDLRRTVSAAEIRQALNTEAKNSQLNCFIRSSGDAEHEHFEEA--DDSQKGAPLYGIPVSFKDNICVA	78
Trinickia_symbiotica WP_102607270.1	1	MYSQRTLESICNDLRNDALSAAEIRGRAISAEANLTKLNCFIRGR-DAEMHEGEA--NKLLKGAPLYGIPVSFKDNIIYVK	77
C58(T-DNA) Atu6010	1	MVPITSLAQTLERLRKDYSCLELVE TL IARCOAAKPLNALLATDWDGLRRSAKKIDRHGNAGLGLCGIPLCFKANIATG	80
Ach5(T-DNA) X971_RS25515	1	MVAITSIAQSLEHLKRKDYSCLELVE TL IARCEAAKSLNALLATDWDGLRRSAKKIDRHGNAGVGLCGIPLCFKANIATG	80
S4(T-DNA) AVI_RS25485	1	MVEISSISQTLRALRRKQYSCRDLVESLVSRSESATHLNAAATDWLHLRNEADRVDRNGSGGVGLMGIPLCFKANIATG	80
AB2/73 I8E17_31255	78	GQPVTVGTSAAMAACIAPRDAKVVNRNKKVLGAVVSGKNNMHELSEFCVTSANIHWCTVGNFVAPGYCAGSSSGGCAAAVAAG	157
Rhizobium_tumorigenes WP_111220954.1	78	GQPVTVGTSAAMAACIAPRDAEIVROLKALGAVVSGKNNMHELSEFGITSVNAQWGTVGNPAAPGYCAGSSSGGCAAAVAAG	157
Allorhizobium_vitis WP_156634936.1	78	GQPVTVGTSAAMAACIAPRDAEIVROLKALGAVVSGKNNMHELSEFGITSVNAQWGTVGNPAAPGYCAGSSSGGCAAAVAAG	157
Dickeya_dianthicola WP_161142954.1	79	GLPVTVGTGCMACIATHDAVIVRKLKSLGAVVAGKNNMNLCEFCVTSLEPYWGVVENFSAAGYSVGGSSSCCAAAVAAG	158
Trinickia_symbiotica WP_102607270.1	78	GLPVTAGTFCMADCIAPRDASTVSKLKS LGAVVAGKNNMHLSFGITSVNPRWGTVGNFVAPGYLAGSSSGGCAAAVAAN	157
C58(T-DNA) Atu6010	81	IFPPTSAATPALINHLPKIPSRVAERLESAGALPGASGNMHLSFGITSNNYATCAVRNPNWNP SLIPGGSSGGVAAAVASR	160
Ach5(T-DNA) X971_RS25515	81	VFPPTSAATPALINHLPKIPSRVAERLESAGALPGASGNMHLSFGITSNNYATCAVRNPNWNPDLIPGGSSGGVAAAVASR	160
S4(T-DNA) AVI_RS25485	81	IFPPTSAGTOGLLRHKPAIPAKIVERLESAGALIGASGNMHLSFGITNDNKTECPARNEPNWQALISGGSSGGVAVSVAAAN	160
AB2/73 I8E17_31255	158	IVLVAVGTDTCGGSVRIPASFCGIIAGFRPTSGRWSSSGIIPVSGTKDSPGLLTRNAADALFVYKLLSPDEPATAA-DTSPL	236
Rhizobium_tumorigenes WP_111220954.1	158	IVLVAVGTDTCGGSVRIPASFCGITGFRPTSGRWSSSGIIPVSR TKDSPGLLTRSAADALFVYSHLSSDEPMTAP-DKSPL	236
Allorhizobium_vitis WP_156634936.1	158	IVLVAVGTDTCGGSVRIPASFCGITGFRPTSGRWSSSGIIPVSR TKDSPGLLTRSAADALFVYSHLSSDEPMTAP-DKSPL	236
Dickeya_dianthicola WP_161142954.1	159	IVPVAIGTDTGGSVRIPAFCCGITGFRPTSGRWSSAGIIPVSR TKDSPGLLTRADARFELYELLSDGRLPTEHEGSR	237
Trinickia_symbiotica WP_102607270.1	158	IVPVAIGTDTGGSVRIPAFCCGITGFRPTSGRWSSAGIIPVSR TKDSPGLLTRADARFELYELLSDGRLPTEHEGSR	237
C58(T-DNA) Atu6010	161	LMLGCGIGTDTGASVRLPAALCGVVGFRPTLARYPRDRIIPVSPTEDTAGIIAQCVADVII LDQVTSGRSAKISPMPLKGL	240
Ach5(T-DNA) X971_RS25515	161	LMLGCGIGTDTGASVRLPAALCGVVGFRPTLGRYPGDRIIPVSPTEDTAGIIAQCVADVVILDRIIISGTPERIPFVPLKGL	240
S4(T-DNA) AVI_RS25485	161	LMLGCGIGTDTGASVRLPAALCGVVGFRPTFCNYPTDGIIPVSPSRDTPGLIVRSVEDAVILLDRIIIRNK-CPTQNMSLKGL	239
AB2/73 I8E17_31255	237	RIGLESS-LWTGLDVVKSVCRRAIDSLKSVCHQCVEVDDASILELSQITITFTVPLYEFFLDFPRALVSLGWEDKISEVF	315
Rhizobium_tumorigenes WP_111220954.1	237	RIGLESS-LWTGLDADVKSVCRRAIDSLKSVCHQCVEVDDTSILELSRITITFTVPLYEFFLDFPRITVSLGWEEKISEVF	315
Allorhizobium_vitis WP_156634936.1	237	RIGLESS-LWTGLDADVKSVCRRAIDSLKSVCHQCVEVDDTSILELSRITITFTVPLYEFFLDFPRITVSLGWEEKISEVF	315
Dickeya_dianthicola WP_161142954.1	239	RIGLELS-MWSELDDVMTCHCRHAINQLVLAGFECVDVDDAAVFSLNQITITFTVPLYEFFVDFPRITVSLGWENRITIAVF	317
Trinickia_symbiotica WP_102607270.1	238	RIGLEAS-MWTDLDDVVKYCRHAIKRLTRAGFECIEVNDEIASTLNAPITITFTVPLYEFFLDFPRALFVSGWEKNIKTVE	316
C58(T-DNA) Atu6010	241	RIGLETTYFYDDLADAVAFAAETTIRLLANRGVTFVEADIPHLEELNSGASLPITALYEEPHALKKYYLDDFVGTVSESDVI	320
Ach5(T-DNA) X971_RS25515	241	RIGLETTYFYDDLADAVALAAETTIRLLANKGVTFVEANIPHLELNKGASFPVALYEEPHALKQYLDDEFVKTVSESDVI	320
S4(T-DNA) AVI_RS25485	240	RLGLERSHFFDNLPEPHVAAASERAIRRLATNQMTFVEADIPNVAELTRKVS LPLVALYEEPRALMAYLSFHIGINTFDELI	319
AB2/73 I8E17_31255	316	ENIRDKNVCSLIHTHLGGGLITPAHYADAI SNV-GRLRRKINALFNFGDIDLLAYPTVE-----QAVPLVSEAAHPDI	387
Rhizobium_tumorigenes WP_111220954.1	316	EDIRDENVRGIIHAHLGGGLITPANVAEAI SNV-GRLRRKINALEDLGDI DLLAYPTVE-----QAVPLVSEAAHPDI	387
Allorhizobium_vitis WP_156634936.1	316	EDIRDENVRGIIHAHLGGGLITPANVAEAI SNV-GRLRRKINALEDLDDIDLLAYPTVE-----QAVPLVSEAAHPDI	387
Dickeya_dianthicola WP_161142954.1	318	DNISDKNVRNIIIEYLGCGGRISPADYVSAVERN-GRLRLDMDTLESTYGDIMLVYPTVE-----RCVPLVSHAGRPDI	389
Trinickia_symbiotica WP_102607270.1	317	DNICDDVHKVVHAHLSGRLICPADYTSAMRN-GRLREQMDALFCACGIDLLAYPTVE-----RNVPHLSEAGRPDI	388
C58(T-DNA) Atu6010	321	KGIRSPDVANIVSAQIDCHQISNDEYELARQSFRERLQATYRNYERLYQDAILLEPTAE LAAKAIGQESSVIHNGSMMNT	400
Ach5(T-DNA) X971_RS25515	321	KGIRSPDVANIANAQIDCHQISKAEYELARHSFRERLQATYRNYEKLNRDAILLEPTAE LVARPIGQSSVIHNGTMDLT	400
S4(T-DNA) AVI_RS25485	320	QNIQDPQVYDLVQSLSKGLISESVRRALRCYKRLKATYENYSSNGLDAVLEPSEVELTAKPVGLQTTLVHNGVETDT	399
AB2/73 I8E17_31255	388	FAKCI RNTDLASNAALPSITIPVA-PKGALPVGLSFDAAGCHDRYLLEAATRFKVI SLQVGSKKQLSRAERLEPNSG	464
Rhizobium_tumorigenes WP_111220954.1	388	FAECIRNTDLASNAALPSITIPVA-PKGALPVGLSFDAACCKDRYLLEAATGLEKVISYK-----	446
Allorhizobium_vitis WP_156634936.1	388	FAECIRNTDLASNAALPSITIPVA-PKGALPVGLSFDAACCKDRYLLEAATGLEKVISYK-----	446
Dickeya_dianthicola WP_161142954.1	390	FAEIRNTDLASNAAMPSTIPVA-PEGALPVGLSFDAASGRDGYLLSMAARITETI IKP-----	447
Trinickia_symbiotica WP_102607270.1	389	FAEVRNTDLASNAAMPSTIPVA-PADALPVGLSLDAARCRDRYLLAKATHLENTVTRHR-----	448
C58(T-DNA) Atu6010	401	EKIYVRNVDPSSNACLPGLSLFACLT PDRLPVGMEIDGLACSDHRLLAIGAALEKAINFPSPFDAFN-----	467
Ach5(T-DNA) X971_RS25515	401	EKIYVRNVDPSSNACLPGLSIPVCLTPDRLPVGMEIDGLADSDQRLLAIGGALBEAIGFRYFAGLPN-----	467
S4(T-DNA) AVI_RS25485	400	FGIFVRNVDPSSNIGLPSLSVPVSLTPDRLPVGIIQIEGPGSDDMVLATIGRAVEEMVFEQGEY-----	462