

Gene ID and Class DXXDXDXE

Ta Q8L5C6.2 XIPI	DAWLGDVDFLEH	---G---TPAD-RYDVLALALELAKHNIR	---GGP-----GKPLHLTATVRCGYPP-A-AHVGRALATG-----IFERVHVRYE
Ta BAF99103.1 XIPIII	DAWLGDIDLFLEH	---G---TPAD-RYDVLALALELAKHNIR	---GGP-----GKPLHLTATVRCGYPP-A-AHVGRALATG-----TLERVHVRYEE
Ta BAF74363.1 XIP-RI	DAFVGDIDFFIEN	---G---APAN--YDELAKRLWNFNKD	---FRG-----RTPVQLTATPRCGYP-D-RHVEWALATG-----LVGRIFVRFYD
Ta BAF74364.1 XIP-RII	DALVGDIDFFIEN	---G---APAN--YDELAKRLWNFNKD	---FRG-----RTPVQLTATPRCGYP-D-RHVEWALATG-----LVGRIFVRFYD
Os11g0701800 RIXI	DAAVDGDIDFFIDQ	---G---AP-DHYDELARLNLAYNK	---MYRA-----RTPVRLTATVRCYFP-D-PRMKKALDTK-----LFERIHVRFYD
Bradi4g07560 IIIa-XIP	DAKLGDVDFLEH	---G---KEEEYYGVLAQKLRQSPAGT	-----TKPLQLTATPRCALLT-A-G---RALLAAGI-----TLERIHVRFYD
Bradi4g09420 IIIa-XIP	QMA	-----LARKLYAHNKD	---YRG-----RTPVQLTATPRCAYFPD-RRVQXVLSTG-----LVGRIFVRFYD
Bradi4g09430 IIIa-XIP	DAWLGDIDLFLEH	---G---SPND-RYDVLALALELAKHNIR	---GGP-----GKPLHLTATVRCGFP-A-SHIKRALDTG-----IFERVHVRYE
Bradi4g04110 IIIa-XIP	DAVVDGDIDFFIDQ	---GG---AP-DHYDELARLLSTY	---KTRQ-----YDHVRLTATPRCVFP-D-RRIERALDTG-----LFERIHVRFYD
Sb02g004660 IIIa-XIP	DAYVDGLDFFLDR	---G---SPAY--YDVLAKRLWSYNKQ	---FRA-----RTPVQLSATPRCAYFP-D-RQVQVRLATG-----LVTRINVRFYD
Sb05g008530 IIIa-XIP	DAAVDGDIDFYIDN	---G---AP-DHYDELARLLARKG	---KG-----KGVRLTASPRCGCP-D-ERVDRALQTG-----LFERIHVRFYD
Sb05g008550 IIIa-XIP	DAAVDGDIDFYIDN	---G---AP-DHYDELARLLDGYNRFY	---RG-----RKGVRLTASPRCGCP-D-WRVDRALQTG-----LFERIHVRFYD
Sb05g023690 IIIa-XIP	DAALDGDVDFYIDQSSG	---AG---AG-DHYDELARLLAYNSRRYRGR	-----RLGVTLTATVRCAYFP-D-TRLQAALATG-----KFARIHVRLYD
Sb05g023700 IIIa-XIP	GAQVDGDIDFFIDQ	---G---AA-EHYDVLARLLGYN-RYYRG	-----GGITLTATPRCAYFP-D-QRLQALATG-----LFGRVHVRLEGG
Sb05g023710 IIIa-XIP	DAALDGDVDFYIDQST	---SG---DH-DHYDELARLLAYNSRYHRG	-----RLGVTLTATVRCAYFP-D-DRPGVQAALATG-----LFSRVHVRLEGG
Os05g0247100 IIIa-XIP	DAVVDGDIDFFIDQ	---G---AT-EHYDELARLLAYHN-KDYKG	-----RLGVTLTATVRCAYFP-D-DRPGVQAALATG-----LFSRVHVRLEGG
Os05g0247500 IIIa-XIP	DAVVDGDIDFFIDQ	---G---AT-EHYDELARLLHGHG-NG	-----GVMLTATVRCAYFP-D-QRQAALATG-----LFSRVHVRLEGG
Os11g0702200 IIIa-XIP	DAVLDGDVDFYIDQ	---G---GRNGHYDELARLLRSFGRK	---P-----AVRLTASPCSLAL-FDDEVETMTLS-----LFERIHVRFYD
Os01g0660200 IIIa	DAVLDGDVDFDIET	-----GNPAHYDELATFLSRYSAQG	---GG-----KKVILTAAPQCPYP-D-ASLGPALQTG-----LFDVWVQFYN
Bradi2g45610 IIIa	DAVLDGDIDFDIET	-----GNQAHYDELATFLSRLQAQ	---GG-----KKMYLTAAPQCPYP-D-ASLDRALQTG-----LFDVWVQFYN
Bradi2g55610 IIIa	DAVLDGDIDFDIEQ	-----GGAKFWNDLARDLKNLGN	---GG-----KEVLLSAAQCPFP-D-EWDGGAITG-----LFDVWVQFYN
Bradi2g55620 IIIa	DAVLDGDIDFDIEQ	-----GGGKFWNDLARDLKNLGN	---GG-----KEVLLSAAQCPFP-D-EWDGGAITG-----LFDVWVQFYN
Bradi2g55630 IIIa	DAVLDGDIDFDIES	-----GGSAAHWDDLARFLKAYS	-----RAVVLTAAPQCPFP-D-ASLGTALGTG-----LFDVWVQFYN
Bradi2g47070 IIIa	DAVLDGDIDFDMER	-----P-SRYVDDLARNLTWLYGGAATATFTGVEKKNKAYLLTAAPQ	---CPFP-D-ASLGGALMG-----LFDHVVWQFYN
Sb03g030100 IIIa	AAVLDGDVDFDIEN	-----GQSAHYDDLATALK	---GK-----GSVLLSAAQCPYP-D-ASLGAALQTG-----QFDVWVQFYN
Sb03g031710 IIIa	DAVLDGDVDFDIEA	-----P-SRYVDDLARNLTWLYGGAATATFTGVEKKNKAYLLTAAPQ	---CPFP-D-ASLGAALQTG-----QFDVWVQFYN
Sb03g040560 IIIa	DAVLDGDVDFDIEK	-----GGAKFWNDLARDLKNLGN	---GS-----KGVLLSAAQCPFP-D-EWDNGAIDTG-----LFDVWVQFYN
Sb03g040570 IIIa	DAVLDGDIDFDIEQ	-----GGSKYWDSLARDLKNMGKNKVG	-----KGVLLSAAQCPFP-D-EWDNGAIDTG-----LFDVWVQFYN
Sb03g040580 IIIa	DAVLDGDIDFDIEQ	-----GGSKYWDSLARDLKNMGKNKVG	-----KGVLLSAAQCPFP-D-EWDNGAIDTG-----LFDVWVQFYN
Sb03g040590 IIIa	DAVLDGDIDFDIEQ	-----GSAKFWDNLARDLKNMGKNS	---GN-----KAVLLSAAQCPFP-D-EWDGGAITG-----LFDVWVQFYN
Sb03g040600 IIIa	DAVLDGDIDFDIES	-----GGSMYWDDLARFLKYSR	---H-----RKVYLAAAPCPFP-D-ASLGTALGTG-----LFDVWVQFYN
Os10g0416100 IIIB	---LDGIDIDYEQFQ	---VDPDTFECVGRLLIIVLK	-----AKGVKFAPIAFGNADVQRHYALWAK---YGAVIDYVNIQFYAY
Os10g0416500 IIIB	---LDGVDVDEYHF	---A---AGVDTFVECTIGRLLTELK	-----ARHPNITTSIAPFEDAVVQRYQYQFLWR---YAGVIDLVNIQFYGY
Os10g0416800 IIIB	---LDGVDVDEYHFNDGG	---AGVDTFVECTIGRLLTELK	-----ARHPNITTSIAPFEDAVVQRYQYQFLWR---YAGVIDLVNIQFYGY
Bradi3g26810 IIIB	---LDGIDIDYEQFQ	---ADPATFAACAGRLVAGLK	-----RAGVLSASAPIYGNADVQRHYALWADQHVHGAIDYVNIQFYAY
Bradi3g26840 IIIB	---LDGVDVDEYRFAS	---G---VSVETFVECTIGRLLIQLK	-----ARFPRTTSIAPFEDTEVQRHYQYQFLWR---YSGVIDFINQFYGY
Bradi3g26850 IIIB	---LDGVDVDEYHFA	---ADVDTFVECTIGRLLIQLK	-----ARFPRTTSIAPFEDTEVQRHYQYQFLWR---YSGVIDFINQFYGY
Sb01g021920 IIIB	---LDGIDIDYEQFQ	---ADPATFAECIGRLVITLTK	-----SNGVIKFAPIYGNADVQRHYALWAK---YSGVIDYVNIQFYAY