

GSVIVT01015950001 1 ----- 0 -----
27581738_peptide|Creinhardtii|Cre12.g515 1 ----- 0 -----
Potri.013G105700 1 ----- 0 -----
26994227_peptide|Trichocarpa|Potri.013G 1 ----- 0 -----
Pp1e53.177W6.1 1 ----- 0 -----
Pp1e15.130V6.1 1 ----- 0 -----
21819559_peptide|Bdistachyon|Bradi1g0222 1 ----- 0 -----
20862839_peptide|Zmays|GRMZM2G04150|GRM 1 ----- 0 -----
20877623_peptide|Zmays|GRMZM2G025227|GRM 1 ----- 0 -----
PGSC003DM40004435|Stuberostum|PGSC0003 1 ----- 0 -----
GSVIVT01026083001 1 ----- 0 -----
23010492_peptide|Mtruncatula|Medtr3g0050 1 ----- 0 -----
Glyma04g43561 1 ----- 0 -----
26304946_peptide|Gmax|Glyma04g43561|Glym 1 ----- 0 -----
26299998_peptide|Gmax|Glyma06g48350|Glym 1 ----- 0 -----
69829|69829 1 ----- 0 -----
Bra012332 1 ----- 0 -----
22699473_peptide|Brapa|Bra012332|Bra0123 1 ----- 0 -----
27024950_peptide|Trichocarpa|Potri.019G 1 ----- 0 -----
59864|59864 1 ----- 0 -----
22724379_peptide|Brapa|Bra016376|Bra0163 1 ----- 0 -----
AT1622520 1 ----- 0 -----
CruCarubv10010740 1 ----- 0 -----
20889343_peptide|Crubella|Carubv10010740 1 ----- 0 -----
AT1672170 1 ----- 0 -----
Bra003890 1 ----- 0 -----
22700490_peptide|Brapa|Bra003890|Bra0038 1 ----- 0 -----
Bra016083 1 ----- 0 -----
22701655_peptide|Brapa|Bra016083|Bra0160 1 ----- 0 -----
gi|17534317|ref|NP_494216.1| 1 ----- 0 -----
gi|323276670 1 ----- 0 -----
YCL057C-A 1 ----- 0 -----
gi|85083518|ref|XP_957135.1| 1 ----- 0 -----
gi|85083518 1 ----- 0 -----

GSVIVT01015950001 1 ---MSGNPLVTRWA 10FVDFVGVGIGGSAYLETCSQKSGGVIKFFLPLPPIVNSIQ-VGAIQTYK 57-----LFYIG-----FNLWNL-
27581738_peptide|Creinhardtii|Cre12.g515 40 LLLLRGGGSRAT 51LTSFGAGVGGGSAWAKCKSEKFDLIVPELLKRN 83-----
Potri.013G105700 1 ----- T 1PVTFGAGVIGSAYTDCSQIPDGSSTAKLIVPKRTSMAH -----EELQPPNMTSTPA 528-----QFMWRSFVS
26994227_peptide|Trichocarpa|Potri.013G 1 ----- T 1PVTFGAGVIGSAYTDCSQIPDGSSTAKLIVPKRTSMAH -----EELQPPNMTSTPA 528-----QFMWRSFVS
Pp1e53.177W6.1 36 LLLFRSPVTRWA 47AVAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
Pp1e15.130V6.1 36 LLLFRSPVTRWA 47AVAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
21819559_peptide|Bdistachyon|Bradi1g0222 68 GLLFRSPVTRWA 80SVAFAGAGVIGSAYTDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
20862839_peptide|Zmays|GRMZM2G04150|GRM 60 GLLFRSPVTRWA 72SVAFAGAGVIGSAYTDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
20877623_peptide|Zmays|GRMZM2G025227|GRM 61 GLLFRSPVTRWA 73SVAFAGAGVIGSAYTDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
PGSC003DM40004435|Stuberostum|PGSC0003 45 LLLFRSPVTRWA 56IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
GSVIVT01026083001 40 LLLFRSPVTRWA 56IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
23010492_peptide|Mtruncatula|Medtr3g0050 42 LLLFRSPVTRWA 53IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
Glyma04g43561 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
26304946_peptide|Gmax|Glyma04g43561|Glym 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
26299998_peptide|Gmax|Glyma06g48350|Glym 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
69829|69829 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
Bra012332 34 LLLFRSPVTRWA 45IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
22699473_peptide|Brapa|Bra012332|Bra0123 38 LLLFRSPVTRWA 49STCCAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
27024950_peptide|Trichocarpa|Potri.019G 107 GLLFRSPVTRWA 119SVAFAGAGVIGSAYTDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
59864|59864 25 LLLFRSPVTRWA 36TMAFAGAGVIGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
22724379_peptide|Brapa|Bra016376|Bra0163 36 LLLFRSPVTRWA 47IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
AT1622520 40 LLLFRSPVTRWA 56IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
CruCarubv10010740 37 LLLFRSPVTRWA 48IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
20889343_peptide|Crubella|Carubv10010740 37 LLLFRSPVTRWA 48IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
AT1672170 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
Bra003890 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
22700490_peptide|Brapa|Bra003890|Bra0038 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
Bra016083 41 LLLFRSPVTRWA 52IAFAGAGCGSAYDCSRFDPSGSSSATLL-APKT -----ST-----ETPV 90SOAADE*-----
22701655_peptide|Brapa|Bra016083|Bra0160 44 VAFPKR--RHW 52PIVFGSGVGGGQWNSNCHDPSASPVVHLHGKRVFAGQDS -----OGKPAYNI 98-----IT-----EQHQ-----
gi|17534317|ref|NP_494216.1| 33 VAFPKR--RHW 52PIVFGSGVGGGQWNSNCHDPSASPVVHLHGKRVFAGQDS -----OGKPAYNI 98-----IT-----EQHQ-----
gi|323276670 37 VAFPKR--RAF 65PVNVLGIGGQGGVYAGDGLFRSSAGLRSSKV* ----- 97----- 91KT*----- 91KT*-----
YCL057C-A 53 VAFPKR--RAF 61PAFVGVGCGAGRAEENNTSLKQAAEIRAQA ----- 93----- 93-----
gi|85083518|ref|XP_957135.1| 53 VAFPKR--RAF 61PAFVGVGCGAGRAEENNTSLKQAAEIRAQA ----- 93----- 93-----
gi|85083518 53 VAFPKR--RAF 61PAFVGVGCGAGRAEENNTSLKQAAEIRAQA ----- 93----- 93-----

GSVIVT01015950001 70 ---VVSYSLLYLTL-----RLV 84GAYWLLLYTCLRKQHQNIF*----- 105
27581738_peptide|Creinhardtii|Cre12.g515 84 ----- 83
Potri.013G105700 63 RMART---EIFE-----AI 73LQLLWLQIRFFLR ----- 86
26994227_peptide|Trichocarpa|Potri.013G 63 RMART---EIFE-----AI 73LQLLWLQIRFFLR ----- 86
Pp1e53.177W6.1 127 ----- 126
Pp1e15.130V6.1 114 ----- 113
21819559_peptide|Bdistachyon|Bradi1g0222 146 LLNQLFHVLSPLVVIVSP*----- 165----- 165
20862839_peptide|Zmays|GRMZM2G04150|GRM 124 ----- 123
20877623_peptide|Zmays|GRMZM2G025227|GRM 126 ----- 125
PGSC003DM40004435|Stuberostum|PGSC0003 90 ----- 95
GSVIVT01026083001 96 ----- 98
23010492_peptide|Mtruncatula|Medtr3g0050 99 ----- 98
Glyma04g43561 98 ----- 97
26304946_peptide|Gmax|Glyma04g43561|Glym 98 ----- 97
26299998_peptide|Gmax|Glyma06g48350|Glym 95 ----- 94
69829|69829 64 ----- 63
Bra012332 101 ----- 100
22699473_peptide|Brapa|Bra012332|Bra0123 101 ----- 100
27024950_peptide|Trichocarpa|Potri.019G 175 ----- 174
59864|59864 64 ----- 63
22724379_peptide|Brapa|Bra016376|Bra0163 118 DSGAVLFSDS-----GRLLFLM--GRV 138DDLRLWAE*----- 146
AT1622520 126 YTDVKVVDNLIFFVLKMLMFFLRNS 135GLICLPLLLHSSNN-LLTYRLSYRF 179
CruCarubv10010740 97 ----- 96
20889343_peptide|Crubella|Carubv10010740 103 ----- 102
AT1672170 97 ----- 102
Bra003890 96 ----- 95
22700490_peptide|Brapa|Bra003890|Bra0038 96 ----- 95
Bra016083 94 ----- 93
22701655_peptide|Brapa|Bra016083|Bra0160 94 ----- 93
gi|17534317|ref|NP_494216.1| 106 ----- 105
gi|323276670 122 -AGSR---FPFPL-----PG 132SSLWSHQ----- 140
YCL057C-A 98 ----- 97
gi|85083518|ref|XP_957135.1| 94 ----- 93
gi|85083518 94 ----- 93