

Vca:Vocar20007539m|Vocar20007539m|Vocar2 1 ----- 0 -----
Cre:g2905.t1|g2905.t1|g2905|synonym:g290 1 ----- 0 -----
NF_500804.1| 1 ----- 0 -----
YKL195W 1 MLRNLVVRNA ----- CRRNRPISQVARGLCRHRQTRRLMASSPQFRGNSNQEKTAGFIMG 53ILSMAGALYFIAPNRKPLFASRKVESDKTAEELSSGGEGQSPENEDD
gi|21389469 1 | 0 | 0 |
gi|85092435 1 MYRTALRPSQALRAIRRTSPSALVSGS ----- ARRFASSTTS-APKKKSTWKGAAVRWG 54LA-VA-AVYYYY-NTSPIFSDELPEATAGTAPSQLT
tr|F4Q0B4|F4Q0B4_DICFS 1 | 0 | 0 |
CMJ294C|CMJ294CT 1 | 0 | 0 |
Phpat.011G062800|Phpat.011G062800.1 1 | 0 | 0 |
LOC_Os04g44550|LOC_Os04g44550.1 1 | 0 | 0 |
GRMZM2G113990|GRMZM2G113990_T01 1 | 0 | 0 |
GRMZM2G132301|GRMZM2G132301_T01 1 | 0 | 0 |
Bra009679|Bra009679 1 | 0 | 0 |
AT5G23395 1 | 0 | 0 |
Carubv10002124m.g|Carubv10002124m 1 | 0 | 0 |
Glyma16g01010|Glyma16g01010.1 1 | 0 | 0 |
Medtr8g020800|Medtr8g020800.1 1 | 0 | 0 |
PGSC0003DMG40025308|PGSC0003DMT40006510 1 | 0 | 0 |
GSVIVG01034352001|GSVIVT01034352001 1 | 0 | 0 |
Cucsa.300060|Cucsa.300060.1 1 | 0 | 0 |
30131.t000438|30131.m007287 1 | 0 | 0 |
Eucgr.G02613|Eucgr.G02613.1 1 | 0 | 0 |
Potri.010G254600|Potri.010G254600.1 1 | 0 | 0 |

Vca:Vocar20007539m|Vocar20007539m|Vocar2 1 ----- 0 -----
Cre:g2905.t1|g2905.t1|g2905|synonym:g290 1 ----- 0 -----
NF_500804.1| 1 ----- 0 -----
YKL195W 101 MNSKSDENGDDND 113SKNDETEAEGPLGGDKIGASKVAEDGELVLLAEEDNKSSKEDKTDDESKVSTKDDQESND 173NATANQKQDENISSESENSENTSKDITLDDN
gi|21389469 1 | 0 | 0 |
gi|85092435 86 | 85 | DADLP ----- VSYSSVITRY ----- 13
tr|F4Q0B4|F4Q0B4_DICFS 1 | 0 | 0 |
CMJ294C|CMJ294CT 1 | 0 | 0 |
Phpat.011G062800|Phpat.011G062800.1 1 | 0 | 0 |
LOC_Os04g44550|LOC_Os04g44550.1 1 | 0 | 0 |
GRMZM2G113990|GRMZM2G113990_T01 1 | 0 | 0 |
GRMZM2G132301|GRMZM2G132301_T01 1 | 0 | 0 |
Bra009679|Bra009679 1 | 0 | 0 |
AT5G23395 1 | 0 | 0 |
Carubv10002124m.g|Carubv10002124m 1 | 0 | 0 |
Glyma16g01010|Glyma16g01010.1 1 | 0 | 0 |
Medtr8g020800|Medtr8g020800.1 1 | 0 | 0 |
PGSC0003DMG40025308|PGSC0003DMT40006510 1 | 0 | 0 |
GSVIVG01034352001|GSVIVT01034352001 1 | 0 | 0 |
Cucsa.300060|Cucsa.300060.1 1 | 0 | 0 |
30131.t000438|30131.m007287 1 | 0 | 0 |
Eucgr.G02613|Eucgr.G02613.1 1 | 0 | 0 |
Potri.010G254600|Potri.010G254600.1 1 | 0 | 0 |

Vca:Vocar20007539m|Vocar20007539m|Vocar2 1 ----- 0 -----
Cre:g2905.t1|g2905.t1|g2905|synonym:g290 1 ----- 0 -----
NF_500804.1| 203 AGSSEKKDPHESDDEKSKQSGSDKHTTEND 233NGEESKKTVDSENSA ----- KGRGEPFKSVKMEYRFY-FG-PYETE 33SVYDDGSLNIDCCTHESAM
gi|21389469 14 | H ----- RA ----- 16-GAERG-KDRIFVTKE ----- DHEITG ----- SRELVAD-DF-N-D-PYE 54ILFNGINWNCPLGG
gi|85092435 102 | QAEHAARKAAKAAKAAKAA ----- ATP 123ATPSESVEEQITKAEAEAVPE ----- GSKPKPSESTEGVIPDNGASPEALQEE-ADAQGA 179FNPTGEINWNC
tr|F4Q0B4|F4Q0B4_DICFS 1 | 0 | 0 |
CMJ294C|CMJ294CT 1 | 0 | 0 |
Phpat.011G062800|Phpat.011G062800.1 1 | 0 | 0 |
LOC_Os04g44550|LOC_Os04g44550.1 1 | 0 | 0 |
GRMZM2G113990|GRMZM2G113990_T01 1 | 0 | 0 |
GRMZM2G132301|GRMZM2G132301_T01 1 | 0 | 0 |
Bra009679|Bra009679 1 | 0 | 0 |
AT5G23395 1 | 0 | 0 |
Carubv10002124m.g|Carubv10002124m 1 | 0 | 0 |
Glyma16g01010|Glyma16g01010.1 1 | 0 | 0 |
Medtr8g020800|Medtr8g020800.1 1 | 0 | 0 |
PGSC0003DMG40025308|PGSC0003DMT40006510 1 | 0 | 0 |
GSVIVG01034352001|GSVIVT01034352001 1 | 0 | 0 |
Cucsa.300060|Cucsa.300060.1 1 | 0 | 0 |
30131.t000438|30131.m007287 1 | 0 | 0 |
Eucgr.G02613|Eucgr.G02613.1 1 | 0 | 0 |
Potri.010G254600|Potri.010G254600.1 1 | 0 | 0 |

Vca:Vocar20007539m|Vocar20007539m|Vocar2 25 GGCEQEFNFKMDCVGRBKGDDGVDYDQDIPFIFAMRMCQR 64NPAVFGDVLICQVEDLSKT ----- NTEYFPE ----- SREOSTGSS* ----- 99 ----
Cre:g2905.t1|g2905.t1|g2905|synonym:g290 52 EGCEKEFNAPMDCVGRBKGDDGVDYDQDIPFIFAMRMCQR 92NPAVFGDVLICQVEDLSKT ----- NTEYFPA ----- PAAAA* ----- 123 ----
NF_500804.1| 53 AHRGCLYLRDALCVGNFASKK*TRGLDCEKEPVAHACTE 92ANNKS ----- ----- ----- 97 ----
YKL195W 296 CFCGLGMHAGPCGEEFKSAFCVYSE-EPKGDCVEKFKQHMDCFRK 343PEYHAYOLKETSDDDEP ----- QDKVKN ----- TIESAPNVSSAKEN
gi|21389469 72 MASGFCGQFSAFSCFYHSTE-ITKSGDCVQDFRAMQECMQK 113YDLYPOEPEDEEBREK ----- KPA-EQ ----- AEETAIEATAT-KEE 15
gi|85092435 192 FCLGGMHAGPCGEEFKSAFCVYSTE-EPKGDCVEKFKSHMQDCFRK 238PEYHAYOLKETSDDDEP ----- SAA-AP ----- AEGTFAKEEPVBNK
tr|F4Q0B4|F4Q0B4_DICFS 40 EGCGELIDAFVCFQKEDD ----- HREKCAQATSLRRCMLN 77PFRYVALPQNKTKVLI ----- PFSQQ ----- ----- 103 ----
CMJ294C|CMJ294CT 45 EGCGELIDAFVCFQKEDD ----- EPRGSDCVFVORMQDCMA 84HDFVEHDDREBEBLE ----- RRSSEVNGRSVVVPEPLPAPASAPPSTGRDPSSELE 140GA
Phpat.011G062800|Phpat.011G062800.1 90 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 101NPAFASKVLEEBEENK ----- ----- ----- 149
LOC_Os04g44550|LOC_Os04g44550.1 72 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 112NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPL* 151
GRMZM2G113990|GRMZM2G113990_T01 70 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 110NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 149
GRMZM2G132301|GRMZM2G132301_T01 70 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 110NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 149
Bra009679|Bra009679 75 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 115NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 159
AT5G23395 75 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 115NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 159
Carubv10002124m.g|Carubv10002124m 79 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 119NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 164
Glyma16g01010|Glyma16g01010.1 61 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 101NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 136
Medtr8g020800|Medtr8g020800.1 68 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 108NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 148
PGSC0003DMG40025308|PGSC0003DMT40006510 63 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 103NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 151
GSVIVG01034352001|GSVIVT01034352001 58 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 98NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 139
Cucsa.300060|Cucsa.300060.1 68 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 108NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 159
30131.t000438|30131.m007287 60 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 100NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 135
Eucgr.G02613|Eucgr.G02613.1 73 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 113NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 156
Potri.010G254600|Potri.010G254600.1 62 RDCGCGSOFVDAFSCFLKSTK*BEKSGDCVHPFVALQSCIKA 102NPAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 143

Vca:Vocar20007539m|Vocar20007539m|Vocar2 100 ----- 99-99 -----
Cre:g2905.t1|g2905.t1|g2905|synonym:g290 124 ----- 123-123 -----
NF_500804.1| 98 ----- 97-97 -----
YKL195W 383 AAK 385KAEQSDVKKLEPL ----- NEESKP* ----- ----- 403-403
gi|21389469 152 1-EG-SS ----- ----- 155-155
gi|85092435 277 KE 278-EA ----- LEPA ----- THDATAANNK ----- KQQ ----- ----- 298-298
tr|F4Q0B4|F4Q0B4_DICFS 104 ----- ----- 103-103
CMJ294C|CMJ294CT 143 RTRAVVAAS ----- STEDGQS ----- KPEQGARS ----- ----- 168-168
Phpat.011G062800|Phpat.011G062800.1 175 PL* ----- ----- 176-176
LOC_Os04g44550|LOC_Os04g44550.1 152 ----- ----- 151-151
GRMZM2G113990|GRMZM2G113990_T01 150 ----- ----- 149-149
GRMZM2G132301|GRMZM2G132301_T01 150 ----- ----- 149-149
Bra009679|Bra009679 159 SKL* ----- ----- 161-161
AT5G23395 160 SKL* ----- ----- 162-162
Carubv10002124m.g|Carubv10002124m 165 SKL* ----- ----- 167-167
Glyma16g01010|Glyma16g01010.1 137 ----- ----- 136-136
Medtr8g020800|Medtr8g020800.1 149 RI* ----- ----- 150-150
PGSC0003DMG40025308|PGSC0003DMT40006510 152 YL* ----- ----- 154-154
GSVIVG01034352001|GSVIVT01034352001 141 L* ----- ----- 141-141
Cucsa.300060|Cucsa.300060.1 158 KI*QSCIKANPNAFASKVLEEBEENK ----- BANSNLRKVR ----- ABSWSRSPKPV* 216* 216
30131.t000438|30131.m007287 136 ----- ----- 135-135
Eucgr.G02613|Eucgr.G02613.1 157 KI* ----- ----- 158-158
Potri.010G254600|Potri.010G254600.1 144 PL* ----- ----- 145-145

