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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      MAPTNQASQDPGLAQPPSNPPQVQASQQAQVPPPTIPPASDMSNVHLTGGFDQNQIMSLL 60
sp|P0DPB0|PSIR_PSICU                             MAPATPATHDPALSHGAPPAPGA---PAPANAPPN--ASGDIAGMQL-SGLDQSQIMNLL 54
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  MAPSTTPGTHEALSHGAPAASASQQAQAPAGLPQNL-SASDLSNMHL-NGLDQTHIMNLI 58
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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      RHLPNVFGK--LT--EQGPKEDAAQALSNLAAHPGFSPAQVAVHYPT--STGLPGINDP 114
sp|P0DPB0|PSIR_PSICU                             RSLPGMFSGGKIPDQGGNKEDAAQTLNLAQ--AQPYQQQLPLHYQAGGPGGLPGINDP 112
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  RSLPGVFG--KLPEGGGNPKEDAAQTLNLAQVSSPFGAHLPVHYQPTA-TGLPGINDP 115
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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      GPSSHPRGPPNLGQLSAVALQATPATVQQSRPEGSPTDERTAQQQLQQVAVQAATGGS 174
sp|P0DPB0|PSIR_PSICU                             GPSTHPRGPPNLGQLSAVAMQAAPAPIQHFDQQTNRNNDGEQAGN---A--SASTSGKDGD 167
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  GPSSHPRGPPNLGQLSAVAMQATPATIQHQNQLQQVPRQDDPNGEQAQN--SGSPSAKDGE 173
***:*****:***:*** :*: : : : . . :. .*.
jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      PGDK---PPSPTSPGGSSSSGSRRRNPAMGSDEWTRQRKDNHKEVERRRRGNINEGINE 230
sp|P0DPB0|PSIR_PSICU                             NAEF--VPPPAPPTG----RRGGRSATMGSDEWSRQRKDNHKEVERRRRGNINEGINE 221
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  SGSADPNQSTPTSTGG---RRGGRSAAMGSDEWSRQRKDNHKEVERRRRGNINEGINE 229
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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      LGRIVPSGNGEKAKGAILARSVQYIHHLKNEARNIEKWTLEKLLMDQAMGDLOQLLEEV 290
sp|P0DPB0|PSIR_PSICU                             LGRIVPSGSGEKAKGAILRAVQYIHHLKNEARNIEKWTLEKLLMDQAMGDLOQLLEEV 281
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  LGRIVPSGSGEKAKGAILRAVQYIHHLKNEARNIEKWTLEKLLMDQAMGDLOQLLEEI 289
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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      KRMWEERNARQRLEMEVESLRNSAANGVASALPPPAAS-----GTN-----VGEQ 336
sp|P0DPB0|PSIR_PSICU                             KRLWEERMARTRLEAELEVLRLNMNGVSNAGS---APASKDESAAGTKRRSTDGAEATA- 337
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  KRLWEERMVTRLEAELDVLRSMNGISASVAASSLASKDESGAGTKRRSMDAPEGAAGE 349
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jgi|Agabi_varbisH97_2|76369|e_gw1.11.640.1      TNGTATANGDGRDGRQRTE* 357
sp|P0DPB0|PSIR_PSICU                             ATESSSTANAEGERDGRQRTE- 358
jgi|Galma1|245424|fgenes1_kg.9_#_586_#_Locus2280v1rpk56.71  NSANANANAEGERDGRQRTE* 370
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