P47747_Transmembrane protein 216;Uniprot;Human
Q5W8E3_Transmembrane protein 216;Uniprot;Arabidopsis
AtAUX/LOX2_AtAUX/LOX2_Amino-conjugating synthase;Synthase;Arabidopsis thaliana
AtAUX/LOX1_AtAUX/LOX1_Amino-conjugating synthase;Synthase;Arabidopsis thaliana
AtBAR1/GH3.1_AtBAR1_Amino-conjugating synthase;Phosphorylase;Arabidopsis thaliana
AtAUX/IAR3/GH3.2_Aluminum-activated malate transporter;Mechanical;Arabidopsis thaliana
AtAUX/IAR3/GH3.2_Amino-conjugating synthase;Ligase;Arabidopsis thaliana
AtALMT12/GH3.3_Aluminum-activated malate transporter;Antiporter;Arabidopsis thaliana
AtALMT1_Aluminum-activated malate transporter;Channel;Arabidopsis thaliana
TaALS_1;Triticum ALS_Aluminum-activated malate transporter;1_A;Arabidopsis thaliana
OPA8D_Aluminum-activated malate transporter;2_A;Arabidopsis thaliana
OPA8E_Aluminum-activated malate transporter;3_A;Arabidopsis thaliana
OPA8F_Aluminum-activated malate transporter;4_A;Arabidopsis thaliana
OPA8G_Aluminum-activated malate transporter;5_A;Arabidopsis thaliana
OPA8H_Aluminum-activated malate transporter;6_A;Arabidopsis thaliana
OPA8I_Aluminum-activated malate transporter;7_A;Arabidopsis thaliana
OPA8J_Aluminum-activated malate transporter;8_A;Arabidopsis thaliana
OPA8K_Aluminum-activated malate transporter;9_A;Arabidopsis thaliana
PBL4B_Aluminum-activated malate transporter;10_A;Arabidopsis thaliana
OLI1/ABC_Aluminum-activated malate transporter;11_A;Arabidopsis thaliana
OLI1/ALS_Aluminum-activated malate transporter;12_A;Arabidopsis thaliana
ZMAB8_Aluminum-activated malate transporter;13_A;Arabidopsis thaliana
ZMAB9_Aluminum-activated malate transporter;14_A;Arabidopsis thaliana
ORLA1/ALS_Aluminum-activated malate transporter;1A1_A;Arabidopsis thaliana
ORLA2/ALS_Aluminum-activated malate transporter;1A2_A;Arabidopsis thaliana
ORLA3/ALS_Aluminum-activated malate transporter;1A3_A;Arabidopsis thaliana
ORLA4/ALS_Aluminum-activated malate transporter;1A4_A;Arabidopsis thaliana
ABA8/WRK1/ALMT1_Pleiotrop apoptosis
ARABIDOPSIS_ALMT1_Pleiotrop apoptosis
Motif A
Motif B
Motif C
Motif D
Motif E
Motif F
Motif G
Motif H
The gap in the ALMT domain sequence
Residues crucial for S-sensing
Residues crucial for Ca2+binding
Residues participating in the S-coordination
Residues participating in the Ca2+coordination
Residues crucial for Cl-selectivity
Residues crucial for Cl-permeation
The Ala residue identified in Lys-Ala(ALMT1) mutant
Residues crucial for Cl-selectivity
Residues crucial for Ca2+binding
Residues participating in the S-coordination
Residues participating in the Ca2+coordination
The Ala residue identified in Lys-Ala(ALMT1) mutant