.og2 Time 45	Log2 Time 90	Log2 Time 180	
			calcium-transporting ATPase 2, plasma membrane-type (ACA2) [Al4g37640.1] inorganic phosphate transporter (PHT1) (PT1) [Al5g4339.1] ATPase, pilsam membrane-type, pulstwelprotino pump, putative [Al3g60330.1] ABC transporter family protein [Al4g15236.1] ABC transporter family protein [Al4g15236.1] indip-atimity intrate transporter (Al4g15236.1] indip-atimity intrate transporter (Al4g15236.1] ATPASE (Al4g15236.1] indip-atimity intrate transporter (Al4g15236.1] indip-atimity intrate transporter (Al4g15236.1] indip-atimity intrate (Al4g15236.1) indip-atimity intrate (Al4g15236.1) indip-atimity intrate (Al4g15236.1) indip-atimity intrate (Al4g15236.1) indip-atimity protein [Al4g36370.1] calion-chloride cotransporter, putative [Al1g30450.2] choline transporter-petate [Al4g153380.1]
			ABC transporter family protein [At491526.1] ABC transporter family protein [At491526.1] ABC transporter (ACH1) [At491526.1]
			mannitol transporter, putative [At3g18830.1] ATPase E1-E2 type family protein [At4g30110.1] mitochondrial substrate carrier family protein [At5g64970.1]
			oligopeptide transporter OPT family protein [At1g48370.1] cation-chloride cotransporter, putative [At1g30450.2] choline transporter-related [At3g15380.1]
			cation-chloride cotransporter, putative [A1130450.2] choline transporter-related [A2515380.1] PATP-288, plasma membrane-type, putative [A13942640.1] ATP-288, plasma membrane-type, putative [A1401470.1] [A190470.1] niorganic phosphate transporter (PHT2) [A5524337.6] auxin transport protein, putative (PH30) [A11370940.1] calcium-transporter], putative (PH30) [A11370940.1] calcium-transporter], member 1 (AMT1.1) [A4913510.1] niordulim MIN21 [armily protein [A1594450.1]] niordulim MIN21 [armily protein [A15940.1]] niordulim MIN21 [armily
			auxin transport protein, putative (PIN3) [ATIG/U940.1] calcium-transporting ATPase 4, plasma membrane-type (ACA4) [At2g41560.1] ammonium transporter 1, member 1 (AMT1.1) [At4g13510.1]
			nodulin Mitt21 family protein [A41944000.1] nodulin Mitt21 family protein [A41940240.1] amino acid permease family protein [A41947120.1] aTRaea 1, Jeans membrane, tine, putativis/caton purph 1, putativis/(A42418960.1)
			ATPase 1, plasma membrane-type, putative/proton pump 1, putative [At2g18960.1] hexose transporter, putative [At1g79820.1] ABC transporter family protein [At1g66950.1] cation efflux family protein [At1g66950.1] cation efflux family protein [At1g66950.1]
			copper-exporting ATPase/responsive-to-antagonist 1 [At5g44790.1] MATE efflux family protein [At1g66780.1] ABC transporter family protein [At1g65410.1]
			amino acid transporter family protein [At1g47670.1] transporter-related [At4g35300.1] nodulin-related/integral membrane family protein [At5g45370.1]
			ABC transporter family protein [At1g51500.1] ABC transporter family protein AbcA [At3g47770.1] amino acid transporter family protein [At5g38820.1]
			calcium-transporting ATPAse 8, plasma membrane-type (ACA8) [At5g57110.1] amino acid permease, putative [At5g01240.1] iron transporter-related [At2g38460.1]
			Integral membrane family protein [At5g19930.1] cyclic nucleotide-regulated ion channel (CNGC10) (ACBK1) [At1g01340.1] cyclic nucleotide-regulated ion channel (CNGC10) (ACBK1) [At1g01340.1] cyclic nucleotide-regulated ion
			nodulin MtN21 family protein [At3g53210.1] porin, putative [At3g49920.1] mitochondrial import Tim177/im22/Tim23 family protein [At4g26670.1]
			ATPase 1, plasma membrane-type, putative/proton pump 1, putative [At2g18960.1] hexose transporter (putative [At1g9520.1] ABC transporter family protein [At1g6590.1] ABC transporter family protein [At1g6590.1] ABC transporter family protein [At1g6590.1] MATE efflux family protein [At1g66780.1] MATE efflux family protein [At1g66780.1] amino acid transporter family protein [At1g66780.1] amino acid transporter family protein [At1g66780.1] nodulin-related/integral membrane family protein [At1g6770.1] modulin-related/integral membrane family protein [At1g6770.1] amino acid transporter family protein [At1g6770.1] amino acid transporter family protein [At2g63820.1] ABC transporter family protein [At2g63820.1] amino acid permease, putative [At5g01240.1] iron transporter-related [At2g38460.1] contains ZIP Zinc transporter domain [At1g68100.1] integral membrane family protein [At5g01240.1] iron transporter-related [At2g38480.1] contains ZIP Zinc transporter domain [At1g68100.1] integral membrane family protein [At3g6920.1] modulin MIX21 family protein [At3g53210.1] portion putative [At3g4920.1] modulin MIX21 family protein [At3g53210.1] importin putative [At3g4920.1] mitochondrial import Tim17/Tim22/Tim22 family protein [At4g6670.1] transport protein, putative [At2g21530.1] importin beta-2 subunit family protein [At3g5920.1] importin beta-2 subunit family protein [At3g55120.1]
			Inward rectifying potassium channel, putative (KAT3) (AKT4) (KC1) [At4g32650.1] miltochondrial import Tim17/Tim22/Tim23 family protein [At3g52120.1] miltochondrial import inner membrane translocase (TIM17) [At2g37410.1]
			mitochondrial import Tim17/Tim22/Tim23 family protein [At1g17530.1] ATPase E1-E2 type family protein [At4g30120.1] transporter-related [At3g43790.1]
			potassium channel protein 1 (AK11) [At2g2b050.1] cyclic nucleotide-regulated ion channel, putative (CNGC15) [At2g28260.1] NRAMP metal ion transporter 1 (NRAMP1) [At1g80830.1] cliconertida transporter (OPT femily royte) [At4g27730.1]
			ABC transporter family protein [Attg] 6/340.1] Integral membrane transporter family protein [At1g64890.1] MATE efflux family protein [At1a33080.1]
			potassium transporter family protein [At5g09400.1] MATE efflux family protein [At4g22790.1] mechanosensitive ion channel domain-containing protein [At4g00290_11
			transporter-related [Alagó810.1] importin beta-2 subunit family protein [At3g59020.1] imvard rectlifying potassium channel, putative (KAT3) (AKT4) (KC1) [At4g32650.1] imvard rectlifying potassium channel, putative (KAT3) (AKT4) (KC1) [At4g32650.1] imitochondrial import imner membrane translocase (TIM17) [At2g37410.1] imitochondrial import imner membrane translocase (TIM17) [At2g37410.1] imitochondrial import imner membrane translocase (TIM17) [At2g367310.1] imitochondrial import imner membrane translocase (TIM17) [At2g367310.1] imitochondrial import imner membrane translocase (TIM17) [At2g3650.1] imitochondrial import imner membrane translocase (TIM17) [At2g3650.1] importance imner protein (AKG471) [AKG47010.1] importance imner protein (AKG471) [AKG47010.1] importance imner protein (AKG47010.1] importance imner transporter family protein [At4g64800.1] importance imner transporter family protein [At4g64800.1] importance imner imner protein [At4g27790.1] importance imner imner protein [At4g02790.1] importance imner imner imner protein [At4g02790.1] importance imner imner imner imner protein [At4g00290.1] importance imner
			cation-chloride cotransporter, putalive [A1930450.1] ** note in MiN21 family protein; integral membrane protein [At1g75500.1] cation/hydrogen exchanger (CHX20) antiporter family 2 (CPA2) [At3g53720.1]
			cnioride channel-like (CLC) protein, putative [At5g33280.1] lysine and histidine specific fransporter, putative [At1g25530.1] metal transporter family protein [At3g08650.1]
			ABC transporter family protein [At2g41700.1] MATE efflux family protein [At3g2659.1] magnesium transporter CorA-like family protein (MGT1) (MRS2) [At1g80900.1]
			magnesium/proton exchanger (MHX1) [At2947600.1] integral membrane protein, putative [At5962820.1] proton-dependent oligopeptide transport (POT) family protein [At3945650.1] integral membrane family protein [At4927870.1]
			Integral membrane trainsy protein Juvage 7 (7) 19 ferroportin-related [At5g26820.1] integral membrane TerC family protein [At5g12130.1] cation-childred cortansporter, putative [At1g30450.3] mechanosensitive ion channel domain-containing protein [At5g19520.1]
			mechanosensitive ion channel domain-containing protein [At5g19520.1] integral membrane family protein [At4g27860.1] transporter-related [At5g20380.1]
			metalnosensiave out-chainer dorinar-chainer protein [A492780.1] transporter-related [A452030.1] transporter-related [A452030.1] mitochondrial substrate carrier family protein [A4924570.1] polassiam transporter (FAKS) [A491342.1] MATE efflux family protein [A259330.1] metal transporter, putative (ZFS) [A1190500.1] amino acid transporter family protein [A25902170.1]
			metal transporter, putative (ZIP5) [At1g05300.1] amino acid transporter family protein [At5g02170.1] sugar transporter family protein [At5g13740.1] nodulin-related [At5g40230.1]
			nodulin-related [At5g40230.1] potassium transporter, putative (KT2) [At2g40540.1] proton-dependent oligopeptide transport (POT) family protein [At5g46050.1]
			transporter-related (At5g5/10U.1) oligopeptide transporter OPT family protein [At5g64410.1] sugar transporter, putative [A4g02050.1]
			nobulin-related [Alogau2.01.1] proton-dependent oligopetide transport (POT) family protein [Al5g46050.1] transporter-related [Al5g5710.01.7] oligopeptide transporter (POT family protein [Al5g46050.1] oligopeptide transporter (POT family) protein [Al5g64410.1] sugar transporter, putative [Al4g02050.1] sugar transporter family protein [Al4g16480.1] proton-dependent oligopeptide transport (POT) family protein [At1g22570.1] sugar transport protein (STP4) [Al3g19930.1] sugar transport protein (STP4) [Al3g19930.1]
			cyclic nucleotide-binding transporter 2/CNBT2 (CNGC19) [At3g17690.1]
			Calcium exchanger (CAX1) [Al2g38170.1] yishe and histidine specific transporter, putative [Al3g01760.1] amino acid transporter family protein [Al3g56200.1] amino acid transporter family protein [Al3g56200.1] organic cation transporter-related [Al1g16390.1] organic cation transporter-related [Al1g16390.1] organic cation transporter-related [Al1g16390.1] organic cation transporter-related [Al1g16390.1] calcium-transporting ATPase e. plasma membrane-type. putative (ACA10) [Al4g29900.1] calcium-transporting ATPase e. plasma membrane-type [Al1g27770.2] cyclic nucleotide-regulated ion channel, putative (CNGC13) [Al4g01010.1] anion exchange family protein [Al3g62270.1] ABC transporter family protein [Al5g44110.1] ABC transporter family protein [Al5g44110.1] AFG-1lake ATPase family protein [Al5g4410.1] AFG-1lake ATPase family protein [Al4g3090.1] anion-transporting ATPase family protein [Al4g3090.1] sulfate transporter, putative [Al3g15990.1] sulfate transporter, putative [Al3g15990.1]
			organic cation transporter-related [At1g16390.1] amino acid transporter family protein [At3g11900.1] calcium-transporting ATPase, plasma membrane-type, putative (ACA10) [At4g29900.1]
			calcium-transporting ATPase 1, plasma membrane-type [At1g27770.2] cyclic nucleotide-regulated ion channel, putative (CNGC13) [At4g01010.1] anion exchange family protein [At3g62270.1]
			ABC transporter family protein NBU-like protein POF [AtSg02270.1] ABC transporter family protein [AtSg44110.1] proton-dependent oligopeptide transport (POT) family protein [At3g47960.1] transporter family protein putative [At2g2581.0] 11
			AFG1-like ATPase family protein [A4530490.1] anion-transporting ATPase family protein [A45960730.1] sulfate transporter, utalitie [A331590.1]
			sulfate transporter, putative (A13(15990.1) all calcium-transporting ATPase, plasma membrane-type, putative (ACA10) [A44g29900.1] calcium-transporting ATPase, plasma membrane-type, putative (ACA9) [A43g21180.1] calcium exchanger (CAV2) [A54g13820.1] calcium exchanger (CAV2) [A54g13820.1] calcium exchanger (CAV2) [A54g13820.1] presium-ATPase 1 (ALA1) [A15g04930.1] secretory carrier membrane protein (SCAMP) [anily protein [A103550.1] ABC transporter family protein (Tansporter family protein (Tansporter family protein [A1040040.1] blasma membrane intrinsic protein, putative (A400403.01)
			calcium exchanger (CAX2) [At3g13320.1] phospholipid-transporting ATPase 1/magnesium-ATPase 1 (ALA1) [At5g04930.1] secretory carrier membrane protein (SCAMP) family protein [At1g03550.1]
			ABC transporter family protein transport protein ABC-C [At3g47780.1] plasma membrane intrinsic protein, putative [At4g00430.1] copper-exporting ATPase, putative [At1g63440.1]
			ABC transporter family protein transport protein ABC-C (A3947780.1) plasma membrane intrinsic protein, putative (A4900430.1) copper-exporting ATPase, putative (A41963440.1) deleta tonopiast integral protein (elida-TiP) A303 (6240.1) proton-dependent oligopepide transport (POT) family protein [A12938100.1] MATE effitus family protein [A1953270.1) ABC transporter family protein [A1953270.1] ABC transporter family protein [A1953270.1] sulfate transporter (ST1) [A396380.1] sulfate transporter (ST1) [A396380.1] sulfate transporter (ST1) [A396380.1]
			ABC transporter tramity protein (Artgo3z/0.1) MATE efflux protein-related (Artg63a40.1) MATE efflux family protein (Al3g21690.1) author transporter (FS1.1) (Ar265490.1)
			ABO transporter family and la CASSOCADADAD
			About an apporter amony protein Magazine arms ass. putative [At1g77380.1] glycerol-3-phosphale transporteripermease, putative [At1g77380.1] glycerol-3-phosphale transporteripermease, putative, [At3g47420.1] major intrinsic family protein/MIP family protein [At3g04090.1] sugar transporter family protein [At2g4330.1] auxin efflux carrier family protein [At1g7650.1] MATE efflux family protein [At1g7650.1]
			auxin efflux carrier family protein [Attg76520.1] MATE efflux family protein [Attg61890.1] amino acid permease family protein [At5g04770.11
			MATE efflux family protein [A11g61896.1] amino acid permease family protein [A15g04770.1] glutathione S-conjugate ABC transporter (MRP2) [A12g34660.1] MATE efflux family protein [A11g66760.2] chloride channel protein (CLC-a) [A15g40890.1] amino acid transporter family protein [A12g30390.1] transporter, putative [A15g53595.1] MATE efflux family protein [A11g1157.01.1] milo-chordrial phosphate transporter, putative [A15g47860.1] AGC transporter family protein [A11g1157.01.1] integral membrane transporter family protein [A11g19710.1] plasma membrane transporter family protein [A11g79710.1] plasma membrane intrinsic protein [A11g79710.1] major intrinsic family protein [A14g403402.1] transporter-related [A11g79410.1] transporter-related [A11g79410.1]
			amino acid transporter family profein [At3g30390.1] transporter, putative [At5g53550.1] MATE efflux family protein [At1g15170.1]
			пписы-плотигия pnospnate transporter, putative [At3g48850.1] sodium/dicarboxylate cotransporter, putative [At3g47560.1] ABC transporter family protein ATP-binding cassette-sub-family [At3g55090.1] leteral problems for pr
			plasma membrane intrinsic protein Z (PIP2C)/PIP2.3 (PIP2.3) [At2g37180.1] major intrinsic family protein/MIP family protein [At5g60660.1] nodulin MIP3/1 family protein [At47302.1]
			transporter-related [Att]97410.1] auxin efflux carrier family protein [At2g17500.1] calclum exchanger (CAXV) [At2GA8170.3]
			transporter-related [A1379410.1] auxin efflux carrier family protein [A2g17500.1] calcium exchanger (CAX1) [A2g38170.3] sugar transporter, putatey [A2g05165.1] ABC transporter family protein [A133177.0.1] amino acid transporter family protein [A2g41190.1] proton-dependent oligopepide transport (POT) family protein [A4g21680.1] proton-dependent oligopepide transport (POT) family protein [A4g21680.1] angior intrinsic family protein [A2g34940.1] plasma membrane intrinsic protein (SMIP) [A4g33100.1] plasma membrane intrinsic protein (SMIP) [A4g33100.1] plasma membrane intrinsic protein (SMIP) [A4g33100.1] plasma membrate [A1262840.1]
			proton-dependent oligopeptide transport (POT) familiy protein [At4g21680.1] MATE efflux family protein [At2g3930.1] cation efflux family protein [At2g39450.1]
			major intrinsic family protein/MiP family protein [A44g23400.1] plasma membrane intrinsic protein (SIMIP) [A44g35100.1] plasma membrane intrinsic protein 1c (PIP1c)/PIP1.3 (PIP1.3) [At1g01620.1]
			transporter-related [Ar1g20840.1] major intrinsic protein-related/MIP-related [At5g18290.1] MATE efflux family protein [At1g51340.1]
			major intrinsic protein-related/MIP-related [AtSg18290.1] MATE efflux family protein [At1551340.1] sugar transporter, putative [At3g20460.1] sugar transporter family protein putative multi resistance protein mrp [At3g59140.1] amino acid transporter family protein [At3g09340.1] glutathions 5-conjugate ABC transporter (MRP1) [At1g30400.1] MATE efflux protein-related [At2g04066.1] sucrose transporter/sucrose-protein symporter (SUC5) [At1g71890.1] proton-dependent oligopetuide transport (PC7) family protein [At3g33960.1] milliochordrial substrate carrier family protein [At2g33900.1]
			MATE efflux protein-related [At2g04066.1] sucrose transporter/sucrose-proton symporter (SUCS) [At1g71890.1] proton-dependent olloapentide transport
			protoin-dependent oligopepude drainsport (Cri) faintily protein [At2g35800.1] mitochondrial substrate carrier family protein [At2g35800.1] proton-dependent oligopeptide transport (POT) family protein [At2g37900.1] amino acid permease family protein [At5g05830.1]
			sulfate transporter family profein [AtSg13550.1] transporter-related [AtSg13750.1] transporter, putative [AtSg24380.1]
			Integral membrane family protein [At4g25830.1] Integral membrane protein, putative; MSF protein [At1g75220.1] mitochnodrial import Tim17/Tim22/Tim23 family protein [At3g10110.1]
			proton-dependent oligopeptide transport (POT) family protein [At2g37900.1] amino acid permease family protein [At5g0530.1] suffate transporter family protein (At5g1350.1] suffate transporter family protein (At5g1350.1] suffate transporter, putable (At5g2436.0.1] integral membrane family protein [A44g2683.0.1] integral membrane protein, putative: MSF protein [A41g75220.1] mitochondrial import Tim17/Tim22/Tim23 family protein [A43g10110.1] KCI Co-transporter type i protein-related/KCI protein-related [A13g88370.1] potassium channel protein 2 (AKT2) (AKT3) [Ak4g22200.1] potassium channel protein 2 (AKT2) (AKT3) [Ak4g2220.1] MATE efflux protein-related [A42g980.1]
			sucrose transporter/sucrose-proton symporter (SUC1) [At1g71880.1]
			transporter-related (Al2g38060.1] plasma embrane intrinsic protein ZA (PIP2A)/PIP2.1 (PIP2.1) [Al3g53420.1] integral membrane family protein [Al2g27370.1] major intrinsic family protein [Al2g27370.1] major intrinsic family protein [Al2g27370.1] (Intrinsic protein, alpha (TIP2.1) [Al1g73190.1] (MATE diffux family protein [Al2g23350.1] (Intrinsic protein, alpha (TIP2.1) [Al1g73190.1] (Intrinsic protein) [Al2g23350.1] (Intrinsic protein) [Al2g2335
			tonoplast Intrinsic protein, alpha (TIP3.1) [A11g73190.1] MATE efflux family protein [A13g23550.1] organic cation transporter family protein [A13g20660.1] plasma membrane intrinsic protein 1B (PIP1B)/PIP1.2 (PIP1.2) [A12g45960.1]
			plasma membrane intrinsic protein 1B (PIP1B)/PIP1.2 (PIP1.2) [At2g45960.1] sugar transporter family protein [At1g30220.1] transporter, putative [At4g25220.1] cyclic nucleotide-regulated ion channel (CNGC1) [At5g53130.1]
			nroton-dependent oligonentide transport (POT) family protein [4t5g46040-1]
			C4-dicarboy/sle transporter/mailc acid transport family protein [A4427970.1] calcium-transporting ATPase 2, endoplasmic relucium-type (ECA2) [A44900900.1] phosphate transporter (PT2) [A1238940.1] chloride channel protein (CLC-b) [A3227170.1] transporter-related [A491750.8] [327170.1] transporter-related [A491750.8]
			mitochondrial substrate carrier family protein [At5g61810.1] ABC transporter family protein [At3g6160.1] sugar transporter family protein [At3g65150.1] sugar transporter family protein [At4g04750.1]
			sugar transporter family protein [At4g04750.1] proton-dependent oligopeptide transport (POT) family protein [At3g16180.1] sucrose transporter/sucrose-proton symporter (SUC3) [At2g02860.1]