1 **Supplemental Table S1**. Correspondence between common names and their Solyc numbers.
2 Others names proposed by some literature are also listed. ACC, 1-aminocyclopropane-1-
3 carboxylic acid; ETR, Ethylene receptors; CTR, constitutive triple-response; EIN2, Ethylene
4 insensitive2; EIL, Ethylene insensitive3-Like; EBF, EIN3-binding F-box; ERF, Ethylene
5 response factor.

Unified nomenclature	Solyc number	Other names
ACC synthase (ACS)		
ACS1A	Solyc08g081550	
ACS1B	Solyc08g081540	
ACS2	Solyc01g095080	
ACS3	Solyc02g091990	
ACS4	Solyc05g050010	
ACS5	Solyc04g077410	
ACS6	Solyc08g008100	
ACS7	Solyc02g063540	
ACS8	Solyc03g043890	
ACS9	Solyc07g026900	
ACS10	Solyc12g008740	
ACS11	Solyc03g007070	
ACS12	Solyc08g079750	
ACS13	Solyc12g056180	
ACC oxidase (ACO)		
ACO1	Solyc07g049530	
ACO2	Solyc12g005940	
ACO3	Solyc07g049550	ACO4 (Van der Poel et al., 2014)
ACO4	Solyc02g081190	
ACO5	Solyc07g026650	
ACO6	Solyc02g036350	
ETR and partners		
RAN1	Solyc02g068490	
GR	Solyc01g104340	
GRL1	Solyc08g065320	
GRL2	Solyc02g062420	
TPR1	Solyc07g006180	
ETR1	Solyc12g011330	
ETR2	Solyc07g056580	
ETR3	Solyc09g075440	
ETR4	Solyc06g053710	
ETR5	Solyc11g006180	
ETR6	Solyc09g089610	

ETR7	Solyc05g055070	
CTR		
CTR1	Solyc10g083610	
CTR2	Solyc01g097980	
CTR3	Solyc09g009090	
CTR4	Solyc10g085570	
EIN2 and EIN-like		
EIN2	Solyc09g007870	
EIL1	Solyc06g073720	
EIL2	Solyc01g009170	
EIL3	Solyc01g096810	
EIL4	Solyc06g073730	
EIL5	Solyc01g014480	
EIL6	Solyc01g006650	
EBF		
EBF1	Solyc08g060810	
EBF2	Solyc12g009560	
EBF3	Solyc07g008250	
EBF4	Solyc06g049010	
ERF		
ERF.A3	Solyc05g052050	*Pti4* (Zhou et al., 1997)
ERF.B1	Solyc05g052040	
ERF.B2	Solyc03g093560	*ERF5* (Pan et al., 2012)
ERF.B3	Solyc05g052030	*LeERF4* (Tournier et al. 2003)
ERF.B13	Solyc08g078190	
ERF.C1	Solyc05g051200	*TERF1/JERF2 (*Huang et al., 2004)
ERF.D2	Solyc12g056590	
ERF.E1	Solyc09g075420	*LeERF2* (Pirrello *et al.,* 2006)
ERF.E2	Solyc06g063070	*JERF1* (Zhang *et al.,* 2004)
ERF.E4	Solyc01g065980	*SlERF6* (Lee *et al.,* 2012)
ERF.E5	Solyc12g049560	
ERF.F1	Solyc10g006130	*SlERF36* (Upadhyay et al., 2013)
ERF.F2	Solyc07g064890	
ERF.F3	Solyc07g049490	
ERF.F4	Solyc07g053740	
ERF.F5	Solyc10g009110	*SlERF3/LeERF3b* (Tournier et al., 2003)
ERF.F6	Solyc12g005960	
ERF.H10	Solyc04g054910	
ERF.H12	Solyc04g072900	

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