

Acyl substrate preferences of an IAA-amido synthetase account for variations in grape (*Vitis vinifera* L.) berry ripening caused by different auxinic compounds indicating the importance of auxin conjugation in plant development

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Table S1. NCBI, GenBank or Swiss-Prot accession numbers of the protein sequences used for the phylogenetic analysis

Species	Protein name	Accession no.
<i>Arabidopsis thaliana</i>	At GH3-1	AAC61292
	At GH3-2	CAB38206
	At GH3-3	AAB7114
	At GH3-4	AAF79776
	At GH3-5	CAA19720
	At GH3-6	BAA97524
	At GH3-7	AAC00604
	At GH3-8	BAB08663
	At GH3-9	AAC63630
	At GH3-10	AAD14468
	At GH3-11	AAD23040
	At GH3-12	CAB86639
	At GH3-13	CAB86642
	At GH3-14	CAB87143
	At GH3-15	CAB87144
	At GH3-16	CAB87145
	At GH3-17	AAF98442
	At GH3-18	AAG60120
	At GH3-19	AAG60122
<i>Capsicum chinense</i>	Cc GH3	AAS02074
<i>Glycine max</i>	Gm GH3	CAA42636
<i>Medicago truncatula</i>	Mt ABN09059	ABN09059
<i>Nicotiana tabacum</i>	Nt GH3	AAD32141
<i>Oryza sativa</i>	Os GH3-1	BAB92590
	Os GH3-2	BAF06259
	Os GH3-3	EEE54131
	Os GH3-4	AAU90225
	Os GH3-5	BAG92652

	Os GH3-6	Q60EY1
	Os GH3-7	Q654M1
	Os GH3-8	BAC79627
	Os GH3-9	Q6ZLA3
	Os GH3-10	Q6ZLA7
	Os GH3-11	EEC82663
	Os GH3-12	Q53P49
	Os GH3-13	EAY81150
<i>Physcomitrella patens</i>	Pp CAD42870	CAD42870
	Pp CAD42871	CAD42871
<i>Pinus pinaster</i>	Pi CAJ14972	CAJ14972
<i>Populus trichocarpa</i>	Pt GH3-1	EEE70316
	Pt GH3-2	EEE87842
	Pt GH3-3	EEE85053
	Pt GH3-4	EEE95321
	Pt GH3-5	EEE97566
	Pt GH3-6	EEE95183
	Pt GH3-7	EEE84166
	Pt GH3-8	EEE78719
	Pt GH3-9	EEE81977
	Pt GH3-10	EEE95291
	Pt GH3-11	EEF07589
	Pt GH3-12	EEE80672
	Pt GH3-13	EEE98498
	Pt GH3-14	EEE99364
<i>Vitis vinifera</i>	Vv GH3-1	XP_002271252
	Vv GH3-2	XP_002283886
	Vv GH3-3	XP_002283229
	Vv GH3-4	XP_002263353
	Vv GH3-5	XP_002276241
	Vv GH3-6	XP_002268278
	Vv GH3-7	XP_002272560
	Vv GH3-8	XP_002271002
	Vv GH3-9	CAN69491
<i>Zea mays</i>	Zm ACG44225	ACG44225
	Zm ACI46148	ACI46148
	Zm ACI46149	ACI46149
	Zm ACL54563	ACL54563
	Zm ACN32133	ACN32133
