

BUSCO Assessment Results















OH10-A upregulated genes



OH4-A upregulated genes



Supplemental Figure S7 a,b

IA6-A upregulated genes



IA4-A upregulated genes



Supplemental Figure S7 c,d



Figure 5 c d





Correspondence of weedy and wild modules

weedy yellowgreen: 43		0	0	1	0	0	3	2	1	1	0	9	3	1	1	2	1	0	1	8	4	0	0	0	0	1	0	4	i
weedy blue: 1234		21	13	28	6	3	9	9	53	13	4	774	38	13	7	6	24	11	10	31	5	9	15	2	11	21	9	89	i
weedy black: 499		23	5	32	8	4	3	8	21	14	2	190	38	21	4	2	5	5	2	15	2	6	11	2	4	34	3	35	
weedy red: 668		15	7	14	4	7	3	4	5	22	5	120	114	29	15	7	17	15	61	62	33	7	9	0	4	13	6	70	i i
weedy brown: 820		25	2	32	8	4	2	2	7	9	4	106	251	42	19	13	19	16	19	117	14	1	6	0	1	25	6	70	i i
weedy midnightblue: 131		5	4	7	3	1	2	0	2	0	2	23	25	6	2	1	2	2	2	10	2	1	1	0	0	15	0	13	i i
weedy salmon: 159		2	0	7	4	3	0	2	16	9	1	20	4	1	0	3	2	0	2	14	3	2	0	0	29	4	13	18	i i
weedy lightsteelblue1: 37		3	0	7	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	2	0	0	2	0	17	i i
Sunnletweedsroyally in 15	Fion	re S	$\mathbf{S}10$	1	2	2	0	3	8	3	1	21	6	2	2	1	0	0	3	9	1	0	2	0	1	2	2	19	i i
Supprovedy darkorange: 72 -	1 184		J 1 ₁ U	1	1	2	0	3	1	3	0	1	2	0	2	0	1	0	0	5	3	2	10	3	0	11	3	13	i i
weedy paleturquoise: 67		2	0	3	0	3	1	0	0	1	0	5	4	2	0	0	1	1	0	4	1	0	1	1	0	28	7	2	
weedy steelblue: 68		2	0	2	1	0	0	0	2	1	0	7	1	7	0	1	0	1	0	2	0	0	0	1	2	7	25	6	
		1 .						-			-		-		-	-	-	-	-	-		-	-	-			-		

Correspondence of weedy and wild modules

weedy yellowgreen: 43		0	0	1	0	0	3	2	1	1	0	9	3	1	1	2	1	0	1	8	4	0	0	0	0	1	0	4	1	
weedy blue: 1234		21	13	28	6	3	9	9	53	13	4	774	38	13	7	6	24	11	10	31	5	9	15	2	11	21	9	89		
weedy black: 499		23	5	32	8	4	3	8	21	14	2	190	38	21	4	2	5	5	2	15	2	6	11	2	4	34	3	35	<u> </u>	50
weedy red: 668		15	7	14	4	7	3	4	5	22	5	120	114	29	15	7	17	15	61	62	33	7	9	0	4	13	6	70		
weedy brown: 820		25	2	32	8	4	2	2	7	9	4	106	251	42	19	13	19	16	19	117	14	1	6	0	1	25	6	70		
weedy midnightblue: 131		5	4	7	3	1	2	0	2	0	2	23	25	6	2	1	2	2	2	10	2	1	1	0	0	15	0	13		
weedy salmon: 159		2	0	7	4	3	0	2	16	9	1	20	4	1	0	3	2	0	2	14	3	2	0	0	29	4	13	18		
weedy lightsteelblue1: 37		3	0	7	0	0	0	0	1	0	0	1	1	0	0	1	1	0	0	1	0	0	2	0	0	2	0	17		
weedy royalblue: 95		3	1	1	2	2	0	3	8	3	1	21	6	2	2	1	0	0	3	9	1	0	2	0	1	2	2	19		
weedy darkorange: 72		4	1	1	1	2	0	3	1	3	0	1	2	0	2	0	1	0	0	5	3	2	10	3	0	11	3	13		
weedy paleturquoise: 67		2	0	з	0	3	1	0	0	1	0	5	4	2	0	0	1	1	0	4	1	0	1	1	0	28	7	2		40
weedy steelblue: 68		2	0	2	1	0	0	0	2	1	0	7	1	7	0	1	0	1	0	2	0	0	0	1	2	7	25	6		
weedy darkmagenta: 49		4	1	0	0	0	0	0	1	1	з	4	3	4	0	0	0	0	2	6	1	0	0	0	0	17	0	2		
weedy green: 673		49	6	29	11	5	3	2	15	6	11	100	52	56	1	з	5	5	8	44	11	2	25	8	3	129	21	63		
weedy lightyellow: 96		3	0	4	1	1	2	1	0	1	0	17	3	10	0	1	2	0	0	2	1	0	5	3	1	22	3	13		
weedy lightcyan: 127		4	5	8	6	2	1	6	2	7	22	4	3	з	3	1	0	1	7	4	2	1	15	2	0	6	0	12		
weedy purple: 322		7	0	8	4	3	23	30	20	22	12	26	4	5	1	8	6	0	4	18	6	3	41	15	3	23	2	28		
weedy skyblue: 71		0	2	2	0	1	0	7	4	11	4	1	3	0	3	2	0	2	1	10	3	1	4	0	0	0	1	9		
weedy mediumpurple3: 38		0	0	0	0	1	1	0	1	2	1	3	3	0	1	1	1	1	2	10	1	2	1	0	0	0	2	4		30
weedv tan: 234		5	0	10	2	4	0	4	8	16	16	18	22	4	11	3	6	4	10	40	13	5	5	0	0	4	2	22		
weedv plum1: 39		0	0	1	0	0	0	1	0	6	1	2	3	0	1	4	1	1	3	12	0	0	0	0	0	0	0	3		
weedy magenta: 406		4	4	24	4	5	1	3	16	45	2	11	21	1	2	9	5	3	30	63	106	5	1	1	0	3	3	34		
weedy floralwhite: 31		0	0	2	0	0	0	2	4	7	0	0	0	0	1	2	1	0	0	3	1	0	2	0	1	0	0	5		
weedy turquoise: 1672		21	4	43	11	25	8	20	49	112	12	54	272	30	23	37	19	33	68	532	64	6	16	0	4	55	13	141		
weedy pink: 445		3	1	19	1	18	2	2	33	28	4	10	33	1	9	13	4	12	8	152	19	6	3	0	7	11	6	40		
weedy sienna3: 47		0	0	1	1	4	0	4	3	6	1	2	2	0	0	3	1	1	0	9	1	0	1	0	1	0	0	6		
weedy vellow: 774		21	16	38	13	23	7	21	175	59	3	61	15	9	6	24	. 11	6	3	113	10	5	9	1	23	8	4	90		20
weedy darkolivegreen: 50		1	0	5	0	0	1	4	8	6	1	2	2	0	0	0	1	1	0	8	1	1	2	0	0	0	0	6		
woody white: 72			-	2	2	5			0	6		-	-	1	-	2			0	0			-	0	0	2	0			
weedy writte: 72		2	-	6	0	3	0	-	11	5	0	1	3	1	0	5	2		1	10	7	0	0	0	2	0	2	7		
weedy cvan: 146		3	1	11	2	1	0	7	19	15	0	12	5		0	9	4	0	2	5	3	2	10	0	3	2	1	28		
weedy darkgrey: 74		3	0	2	1	3	0	14	12	9	1	4	0		0	1	0	0	0	6	3	0	2	1	0	2	0	9		
woody lightgroop; 106		0	0	4		2	0	7	7	15	0	4	4	0	1	6	1	1	0	22	4	1	2	0	0	0	0	14		
woody orango: 72		0	1		0	2	0	11	12	5	0	*	-	0	0	2	0	0	0	7	-	0	2	0	0	1	0	10		
weedy blange: 75		1	0	1	1	2	0	7	5	11	0	4	0	1	0	3	1	0	0	, 11	2	0	-	0	0	1	0	5		10
woody skybluo2: 42		0	0	0		1	0	1		0	0	4	0	1	0	0	0	0	0		2	0	2	0	0	1	0	2		
weedy skyblues: 45		4	1	•	10	6	2	4	14	1	0	10	1	2	0	1	0	0	1	5	1	2	-	0	0	1	0	10		
weedy darkied. 94		4		-	10	-	2	3	5	6	0	0		2	-	· •	0	0	0	2		2		0	0		0	0		
weedy ivol y: 32		0	0	7	0	0	1	0	2	1	0	0	2	0	-	2	1	0	0	6	5	0	0	0	- 1	5	1	4		
weedy orangered4. 38		0	0	6	0	15	4	0	2	1	0	1	0	0	1	3	1	1	0	0	5		1	0		5	1	4		
weedy darkturquoise. 83		2	2	4	4	15	4	0	14	0	3	1	0	0	1	1	3		0	0	5	1	1	0	1	2	2	10		
weedy darkgreen. 87		3	1	4		5	0	0	14	5	0	0	4	3	1	1	0	1	0	22	5	0	0	0	2	1	0	10		
weedy lightcyan 1: 35		0	0	2	4	1	0	0	6	5	0	0	0	0	0	-	0	0	0	10	2	0	0	0	1	0	0	4		
weedy greenyellow: 249		0	10	120	33	3	0	2	0	4	47	10	3	0	1	,	2	0	0	° 7	2	0	2	0	1	3	1	15		
weedy grey60: 118		17	6	6	12	2	0	2	3	0	17	9	4	1	2	1	1	0	0	/	1	0	8	1	2	2	3	11		
weedy grey: 1218		35	8	98	21	32	14	17	70	51	12	60	58	23	21	26	43	9	14	134	36	24	43	5	11	26	13	314		
		303	10	6 ¹	1.9h	200	ి	22	671	65	1A1	131	.024	282	143	220	194	100 March	264		390		200	. 40	22	4.91	154	291		
	يغ	nta. jois	8 ^{0.}	200 ^{1.}	160. 10	We	arege.	non	J ^{W.}	ø ^{ð. Č}	ION SIS	s.``	Nri	Ne. 101	s ^{e.}	Bri	ari. Ne	e ^{ð.}	ION.	ue	H. HOS	8 ⁴	ari." rar		er.	acht. re	ari.	H.		
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	MIL	wild da.		•	wild Th		4			will	will	14.	•	Mar		411.	4.	wild 9.			4		will	will		will				

Supplemental Figure S10

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