Extended Data Table 2. IP-MS analysis of *pTIR1::TIR1-VENUS* and *pAFB1::AFB1-VENUS*

Overview of the putative TIR1 and AFB1 interactors after MaxQuant and Perseus statistical analysis. Samples were TIR1 and AFB1-Venus lines under mock, 50 µM MG132 pre-incubation for 1 hour and 100 nM IAA treatment for 2 minutes. Proteins passing the threshold of FDR 0.05 and specific fold change are included in the table. P-values are calculated based on the three replicates using a Two-sided t-test. Pulldowns were performed in triplicate. Yellow highlight indicates the respective bait protein.

Tab1. TIR1 with Mock

LOG2(TIR1/Contro	X-LOG10FDI	Peptides	Student's T-te	Majority protein IDs	Protein names
5.118258158	3.27648164	17	10.15708944	Q39255	SKP1-like protein 1A
4.754890442	2.34634325	10	5.760780734	Q570C0	Protein TRANSPORT INHIBITOR RESPONSE 1
3.60787646	2.94711492	2	8.340412262	P38666;Q42347	60S ribosomal protein L24-2;60S ribosomal protein L24-1
2.98809878	1.73797235	2	3.851309445	P16180	30S ribosomal protein S17, chloroplastic
2.459372203	0.85221949	2	1.834243789	Q94AH6	Cullin-1
2.273972829	2.46638828	2	6.212296758	F4JZ17;Q39129	Thiosulfate sulfurtransferase 16, chloroplastic
2.201576869	0.96994873	2	2.070539977	Q42431	Oleosin 20.3 kDa
2.001925786	0.87062371	4	1.870823782	F4JVC0;F4JVC1;Q03251;F4JV	Glycine-rich RNA-binding protein 8
1.988611857	1.64404399	15	3.603054736	Q9FHW7	SKP1-like protein 1B
1.940104802	1.79712208	3	4.013188676	Q9MAH3	Protein DJ-1 homolog B
1.933815002	0.86164735	2	1.852967808	P59230;Q8VZB9;P59231	60S ribosomal protein L10a-2;60S ribosomal protein L10a-1;60S ribosomal protein L10a-3
1.823474248	1.06487476	2	2.2658229	Q8LA13;Q84W89;Q9M2F9	DEAD-box ATP-dependent RNA helicase 11;DEAD-box ATP-dependent RNA helicase 37;DEAD-box ATP-dependent RNA helicase 52
1.708749771	0.93651248	3	2.002836801	P16127;Q5XF33	Magnesium-chelatase subunit ChlI-1, chloroplastic;Magnesium-chelatase subunit ChlI-2, chloroplastic
1.60286204	1.15507001	2	2.456251697	Q9LU14	GDSL esterase/lipase APG

Tab2. TIR1 with MG132+IAA

LOG2(TIR1/Contro	X-LOG10FDI	Peptides	Majority protein IDs	Protein names
4.927825928	3.49271141	8	Q570C0	Protein TRANSPORT INHIBITOR RESPONSE 1
3.933736801	2.80313389	2	A8MS83;Q9M3C3;Q8LD46	60S ribosomal protein L23a-2;60S ribosomal protein L23a-1
3.685892105	4.80039226	4	Q9LY66;F4J296	50S ribosomal protein L1, chloroplastic;Ribosomal protein
3.657317479	3.40802567	2	Q94F20;Q9LYE7	
3.300284704	1.30913348	9	Q9S841	Oxygen-evolving enhancer protein 1-2, chloroplastic
3.252434413	3.01858947	1	Q9FZH0;P51422;Q9LMK0;Q9C912	60S ribosomal protein L35a-2;60S ribosomal protein L35a-4;60S ribosomal protein L35a-1;60S ribosomal protein L35a-3
3.030831655	1.22114312	7	F4K5C7;Q93VH9;Q8VYK6;P49204;F4IMI	40S ribosomal protein S4;40S ribosomal protein S4-1;40S ribosomal protein S4-3;40S ribosomal protein S4-2
2.978437424	2.67620031	4	Q94AH6	Cullin-1
2.882202148	0.94348696	5	O65282	20 kDa chaperonin, chloroplastic
2.844031016	1.06575137	8	O50008;Q9SRV5	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase 1;5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase 2
2.810997645	1.77625477	2	Q9LZH9;P49692	60S ribosomal protein L7a-2;60S ribosomal protein L7a-1
2.78762118	0.85362368	3	P56779	Cytochrome b559 subunit alpha
2.732335409	0.99431437	4	P56761	Photosystem II D2 protein
2.729720434	1.80469265	1	P56780	Photosystem II reaction center protein H
2.696318944	1.16176096	15	Q39255	SKP1-like protein 1A
2.654738108	3.21512215	3	Q9SRZ6	Cytosolic isocitrate dehydrogenase [NADP]
2.62142245	0.88366927	14	P56777	Photosystem II CP47 reaction center protein
2.577622732	1.27224002	4	P49200;Q9STY6	40S ribosomal protein S20-1;40S ribosomal protein S20-2
2.557145437	2.92182336	2	P56767	Photosystem I P700 chlorophyll a apoprotein A2
2.468788783	1.02031666	2	P59224;P59223	40S ribosomal protein S13-2;40S ribosomal protein S13-1

Tab3. AFB1 with Mock

LOG2(AFB1/Contro	X-LOG10FDR	Peptides	Majority protein IDs	Protein names
12.71776517	3.186698841	39	Q9ZR12	GRR1-like protein 1
12.1318264	5.01302371	17	Q39255	SKP1-like protein 1A
8.830174764	3.734570639	15	Q9FHW7	SKP1-like protein 1B
5.277590434	3.678132585	4	Q9LNT9	SKP1-like protein 4
3.481123606	3.122493649	2	F4JZ17;Q39129	Thiosulfate sulfurtransferase 16, chloroplastic
3.299066544	2.864853421	2	P38666;Q42347	60S ribosomal protein L24-2;60S ribosomal protein L24-1
3.181758245	2.478213172	4	Q8RWZ3	Probable acyl-CoA dehydrogenase IBR3
2.674465815	0.602639535	9	Q96318;F4JLA9;A0A1	12S seed storage protein CRC;12S seed storage protein CRC alpha chain;12S seed storage protein CRC beta chain
2.493788401	1.366144629	4	A0A1I9LR27;F4JBC9;	Peroxiredoxin Q, chloroplastic
2.472199122	1.72041483	2	Q9LIK9;A0A1P8B8I9;(	ATP sulfurylase 1, chloroplastic;ATP-sulfurylase 3, chloroplastic;ATP sulfurylase 2
2.393953959	1.62946189	2	F4J3P1;P49690	60S ribosomal protein L23
2.321870804	0.796044035	4	F4JVC0;F4JVC1;Q03	Glycine-rich RNA-binding protein 8
2.203902562	2.8275101	3	P54150	Peptide methionine sulfoxide reductase A4, chloroplastic
2.177773158	0.688776393	2	Q9XEX2;F4ID64	Peroxiredoxin-2B
2.140075048	1.556645965	3	Q9MAH3	Protein DJ-1 homolog B
2.124917984	2.740719054	8	Q9FPF0	Protein DJ-1 homolog A
1.950544993	2.509962048	8	Q42403	Thioredoxin H3
1.90527916	1.200714146	10	Q570C0	Protein TRANSPORT INHIBITOR RESPONSE 1
1.868207932	2.585869519	4	F4JRT7;Q9SW21	Acyl carrier protein;Acyl carrier protein 4, chloroplastic
1.83743159	2.210789882	4	Q9LMU2	

Tab4. AFB1 with MG132+IAA

LOG2(AFB1/Contro	X-LOG10FDR	Unique peptides	Majority protein IDs	Protein names
12.90374565	3.74151941	40	Q9ZR12	GRR1-like protein 1
10.63748741	3.38102284	10	Q39255	SKP1-like protein 1A
6.259954453	3.92243778	7	Q9FHW7	SKP1-like protein 1B
4.639073054	4.3296288	10	Q8RWZ3	Probable acyl-CoA dehydrogenase IBR3
4.359214783	2.19487358	4	A0A1P8B1L4;Q9ZVJ	Annexin D4
3.768214544	2.99147254	3	F4K884;P54904	Pyrroline-5-carboxylate reductase
1.720092138	0.82292309	2	Q9LFH5;P50883;Q9F	60S ribosomal protein L12-2;60S ribosomal protein L12-1;60S rib
1.644043605	0.73016299	2	Q9T043;Q9SIM4	60S ribosomal protein L14-2;60S ribosomal protein L14-1
1.637237549	0.71121767	8	O50008;Q9SRV5	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransfe
1.612161636	1.66766713	3	P22953;F4KCE5	Probable mediator of RNA polymerase II transcription subunit 37e
1.431067149	1.70145982	6	P59259;A8MRV1	Histone H4
1.361975988	0.88519951	4	P49200;Q9STY6	40S ribosomal protein S20-1;40S ribosomal protein S20-2
1.265961965	1.72620153	3	Q56WH1;B9DHQ0	Tubulin alpha-3 chain;Tubulin alpha-5 chain
1.181111018	0.8679059	4	Q06588	1-aminocyclopropane-1-carboxylate oxidase 4
1.174767812	1.24492756	3	O04314	PYK10-binding protein 1
0.979935964	0.54012105	2	P42795;P42794	60S ribosomal protein L11-1;60S ribosomal protein L11-2
0.946492513	0.61817655	2	P59224;P59223	40S ribosomal protein S13-2;40S ribosomal protein S13-1
0.933000565	1.33895745	2	O23049	50S ribosomal protein L6, chloroplastic
0.860973358	0.25342145	1	Q9LTX9	Heat shock 70 kDa protein 7, chloroplastic
0.841140111	0.42174345	3	Q9SCX3	Elongation factor 1-beta 2