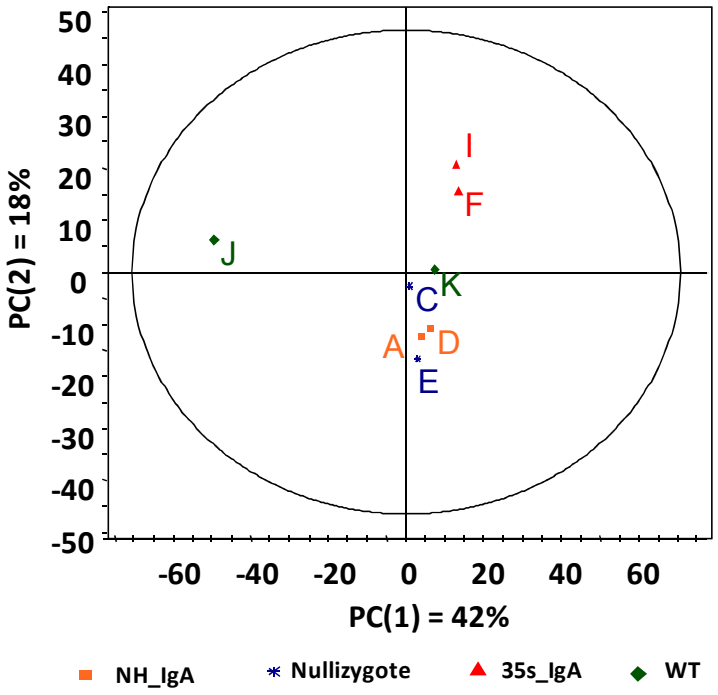
Supplementary Figure 1: PCA of proteomic data of transgenic and non transgenic tomato lines. All samples are included in the plot.



Supplementary Table 1. List of peaks contributing to class separation in OPLS-DA. Underlining is used to indicate contribution to a model. Significant differences (T-test, FDR < 0.05) are marked with an "s".

			Fold Change			
Mass ID[(a)]	m/z	Rt	35S/WT	NH/WT	NH/Nullizygote	Nullizygote/WT
Mp30	385.0445	0.85	0.97	0.38 [s]	0.91	0.42
Mp38	249.0409	0.86	1.06	1.67	1.61	1.04
Mp41	348.0744	0.86	1.06	1.11	0.69	1.60
Mp43	138.5901	0.87	0.52	0.70	0.46	1.51
Mp45	381.0807	0.87	1.85	1.72	0.99	1.74
Mp46	218.1005	0.87	0.78	0.22 [s]	0.45	0.50
Mp49	138.0563	0.88	0.64	0.69	0.65	1.07
Mp53	322.0595	0.90	1.24	1.63	1.25	1.30
Mp60	248.1139	0.90	1.24	1.63	1.25	1.30
Mp70	498.9294	0.92	1.26	1.40	1.51	0.93
Mp71	230.1051	0.92	1.24	0.63	0.64	0.98
Mp73	268.9478	0.92	1.11	1.32	1.37	1.92
Mp75	536.8865	0.93	1.18	1.27	1.45	0.87
Mp96	365.1066	1.05	1.69	1.69	0.98	1.72
Mp104	470.1442	1.18	1.30	1.21	1.16	1.05
Mp120	268.1054	1.24	1.28	1.75	1.26	1.39
Mp140	284.1009	1.32	1.48	1.61 [s]	1.18	1.37
Mp148	278.1484	1.34	2.04 [s]	1.60	0.94	1.71
Mp151	294.1572	1.34	1.77	1.68	1.17	1.44
Mp153	307.0690	1.35	2.17	2.01	1.63	1.24
Mp155	332.1122	1.43	1.90	1.76	1.06	1.66
Mp157	316.1386	1.44	2.13 [s]	1.80	0.91	1.97
Mp159	258.1354	1.44	2.03	1.76	1.10	1.60
Mp167	315.0515	1.65	1.58	1.01	0.95	1.06
Mp168	299.0768	1.65	1.59	0.90	0.87	1.03
Mp171	303.1081	1.74	1.86 [s]	1.54	0.79	1.95
Mp173	538.1281	1.75	1.89 [s]	1.18	0.65	1.83
Mp174	160.0764	1.83	1.21	0.65	0.75	0.86
Mp175	385.0469	1.89	2.83	1.64	1.09	1.51

Mp176	342.1213	2.12	0.64	0.55	0.67	0.82
Mp209	298.1003	4.44	1.76	1.31	1.21	1.08
Mp214	146.0620	4.48	0.93	0.62	0.71	0.87
Mp215	265.1569	4.94	1.62	0.43	0.40	1.09
Mp216	365.0867	5.57	2.51	1.72	1.20	1.42
Mp218	449.1637	6.10	3.04	4.17	1.42	2.93
Mp219	367.0882	6.16	1.91	0.92	0.94	0.98
Mp221	144.0820	6.26	1.08	2.00	0.97	2.07
Mp224	377.0868	6.66	1.10	1.11	1.57	0.71
Mp225	365.0877	6.94	2.49	1.60	1.11	1.44
Mp227	377.0872	6.99	1.21	1.10	1.65	0.67
Mp231	265.1570	7.30	3.48	0.43	0.75	0.58
Mp232	287.1153	7.36	1.96	3.38 $	1.57	2.16
Mp233	349.0860	7.37	2.11	1.86	1.37	1.36
Mp236	375.1286	7.99	1.05	2.02	1.13	1.78
Mp239	435.1845	9.23	2.30	3.33	1.77	1.88
Mp241	497.1543	9.26	2.26	3.21 $	1.67	1.92
Mp242	321.1954	9.46	1.48	0.50	0.45	1.11
Mp245	425.1431	10.58	0.85	0.40 $	0.76	0.52
Mp246	375.1280	11.06	1.05	1.63	1.08	1.51
Mp250	405.1744	13.14	1.77	1.56	1.34	1.16
Mp252	469.1330	15.19	1.18	0.76	2.47	0.31
Mp254	373.1122	17.73	2.80	2.82	1.15	2.46
Mp255	355.1758	18.15	0.60	0.95	1.71	0.56
Mp263	359.1337	21.05	2.68	3.19 $	2.07	1.54
Mp270	773.4557	21.94	0.65	0.82	1.20	0.68
Mp294	976.5158	28.01	1.30	1.69	0.95	1.78
Mp297	670.4179	28.54	0.56	0.97	1.19	0.81
Mp335	666.3875	30.90	0.34 $	0.78	1.51	0.51
Mp339	652.4069	31.26	0.41	0.59	1.33	0.44
Mp343	1108.5583	31.28	0.43	0.61	1.31	0.47
Mp348	636.4118	31.29	0.91	2.52	1.12	2.25
Mp350	415.3230	33.79	0.56 $	1.18	1.44	0.82
Mp362	416.3537	34.52	0.48	0.34	1.69	0.20
Mp371	987.4454	38.20	0.70	0.60	0.94	0.64

Mn8	183.9948	0.83	1.04	1.23	1.46	0.85
Mn15	341.1073	0.87	2.59	1.48	0.90	1.64
Mn17	111.0013	0.94	1.08	0.95	1.16	0.82
Mn19	458.9570	0.94	0.96	1.01	1.39	0.72
Mn20	496.9136	0.95	0.97	1.20	1.55	0.77
Mn24	111.0017	1.24	1.07	0.99	1.19	0.83
Mn25	427.0073	1.24	1.07	0.95	1.35	0.70
Mn27	448.9894	1.25	0.95	0.99	1.39	0.71
Mn28	678.9744	1.25	0.95	0.88	1.46	0.60
Mn30	496.0915	1.34	2.37	2.58	1.95	1.32
Mn44	386.9989	4.06	0.52	0.37 ^{s}	0.53	0.70
Mn49	285.0576	4.54	0.66	0.23 ^{s}	0.48	0.48
Mn50	281.0629	5.64	2.58	1.48	0.96	1.54
Mn55	281.0635	6.96	3.27	1.70	1.25	1.36
Mn56	375.0682	7.05	1.02	1.04	1.62	0.64
Mn59	351.1276	8.08	1.15	2.28	1.00	2.29
Mn62	351.1272	11.10	1.11	2.03	1.08	1.89
Mn67	609.1456	21.64	1.17	1.50	1.32	1.13
Mn73	387.1073	24.01	1.85	2.52	1.01	2.49
Mn75	357.0958	24.01	1.68 ^{s}	2.24	1.06	2.12
Mn78	1336.5886	24.64	0.68	0.90	0.97	0.93
Mn81	1244.6025	24.88	0.78	1.00	0.92	0.93
Mn84	1430.6555	27.99	1.79	2.23 ^{s}	1.00	2.24
Mn97	1120.5295	30.87	0.38 ^{s}	0.89	1.44	0.62
Mn98	1174.5372	31.25	0.40	0.67	1.27	0.52
Mn99	1106.5492	31.25	0.43	0.62	1.17	0.53
Mn106	1108.5653	32.25	0.90	2.47	1.08	2.29
Mn118	963.4523	38.21	0.78	0.69	0.80	0.86