Supporting Table 3. Overview on **BrvC** down-regulated genes.

Listed are all genes that were found to be changed with $\log_2$ FC ≤ -2 and P ≤ 0.001 after incubation with 50 µM **BrvC** for both 6 h (BC-6h) and 48 h (BC-48h) treatments in the microarray analysis.

Affymetrix ID	AGI code	Description	logFC	
			BC-6h	BC-48h
13427204	At3g12320	Night light-inducible and clock-regulated 3 (LNK3)	-6.1	-4.7
13405973	At2g46830	Circadian clock associated 1 (CCD1)	-5.8	-5.9
13519279	At5g64510	Tunicamycin induced 1 (TIN1); stress-inducible protein	-5.4	-2.4
13459960	At3g54500	Night light-inducible and clock-regulated 2 (LNK2)	-5.1	-3.5
13543280	At5g64170	Night light-inducible and clock-regulated 1 (LNK1)	-5.1	-3.2
13398112	At2g28210	α-Carbonic anhydrase 2 (ACA2)	-5.0	-5.4
13448681	At3g13060	Evolutionarily conserved C-terminal region 5 (ECT5)	-5.0	-1.9
13361823	At1g01060	Late elongated hypocotyl protein (LHY)	-4.9	-5.3
13353261	At1g58340	BUSH-AND-CHLOROTIC-DWARF 1 (BCD1)	-4.7	-2.1
13497319	At5g04200	Putative metacaspase 9 (MC9)	-4.6	-2.1
13542506	At5g62430	Cycling DOF factor 1 (CDF1)	-4.4	-4.1
13405141	At2g44990	Carotenoid cleavage dioxygenase 7 (CCD7)	-4.3	-2.5
13498568	At5g06980	Night light-inducible and clock-regulated 4 (LNK4)	-4.1	-2.9
13449344	At3g14200	Chaperone DnaJ-domain superfamily protein	-4.1	-2.1
13337858	At1g09240	Nicotianamine synthase 3 (NAS3)	-4.1	-2.0
13535955	At5g45830	Delay of germination 1 protein (DOG1)	-4.0	-4.0
13419757	At2g41250	Haloacid dehalogenase-like hydrolase (HAD) superfamily protein	-4.0	-2.6
13503094	At5g18670	Putative β-amylase 3 (BMY3)	-4.0	-2.5
13385930	At1g71030	MYB proto-oncogene protein (MYBL2)	-4.0	-2.4
13446787	At3g09220	Laccase family protein (Lac7)	-4.0	2.2
13407923	At2g05100	Photosystem II light harvesting complex protein 2.1 (LHCB2.1)	-3.9	-3.9
13388913	At1g78290	Serine/threonine-protein kinase SRK2C	-3.9	-2.1
13527351	At5g17300	REVEILLE 1 (RVE1)	-3.8	-3.8
13537549	At5g49740	Ferric reduction oxidase 7 (FRO7)	-3.7	-2.5
13426114	At3g09600	REVEILLE 8 (RVE8)	-3.6	-3.5
13519853	At5g65730	Xyloglucan:xyloglucosyl transferase (XTH6)	-3.6	-3.5

13382362	At1g62510	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-3.6	-2.8
13494509	At4g36850	PQ-loop repeat family protein	-3.6	-1.3
13536625	At5g47610	RING-H2 finger protein ATL79	-3.5	-4.6
13442780	At3g62950	Thioredoxin superfamily protein (GRXC11)	-3.5	-3.2
13457134	At3g47500	Cycling DOF factor 3 (CDF3)	-3.5	-2.7
13496475	At5g02230	Haloacid dehalogenase-like hydrolase (HAD)	-3.5	-2.5
13376637	At1g47510	Inositol-1,4,5-trisphosphate 5-phosphatase 11	-3.5	-1.5
13433945	At3g27440	Uridine kinase-like 5 (UKL5)	-3.4	-2.8
13364063	At1g06040	Salt tolerance protein (STO)	-3.4	-2.7
13385400	At1g69572	DOF zinc finger protein DOF1.10	-3.4	-1.9
13521336	At5g02810	Pseudo-response regulator 7 (PRR7)	-3.4	-1.3
13414611	At2g29650	Inorganic phosphate transport protein 1 (PHT4;1)	-3.1	-3.8
13544542	At5g67030	ABA deficient 1 (ABA1); zeaxanthin epoxidase	-3.1	-2.2
13399351	At2g31380	Salt tolerance homologue protein (STH)	-3.0	-3.4
13537539	At5g49730	Ferric reduction oxidase 6 (FRO6)	-3.0	-3.3
13516820	At5g58770	cis-Prenyltransferase 4 (CPT4)	-3.0	-2.8
13435633	At3g44860	Farnesoic acid carboxyl-*O*-methyltransferase	-3.0	-2.7
13540253	At5g56960	Basic helix-loop-helix (bHLH) DNA-binding family protein	-3.0	-2.6
13354772	At1g63590	Receptor-like protein kinase-related family protein	-3.0	-2.3
13355103	At1g64500	Glutaredoxin-like protein	-2.9	-2.7
13452401	At3g21670	Nitrate transporter (NTP3)	-2.9	-2.2
13395385	At2g21320	B-box zinc finger-like protein (BBX18)	-2.9	-2.0
13418725	At2g38790	Protein with unknown function	-2.9	-1.4
13412311	At2g24270	NADP-dependent glyceraldehyde-3-phosphate dehydrogenase (ALDH11A3)	-2.8	-3.4
13452080	At3g21150	Zinc finger (B-box type) family protein 32 (BBX32)	-2.8	-2.8
13508422	At5g39660	Cycling DOF factor 2 (CDF2)	-2.7	-2.2
13517020	At5g59400	Protein with unknown function	-2.7	-1.6
13541483	At5g59780	Transcription factor MYB59	-2.6	-2.8
13526694	At5g15780	Pollen Ole e 1 allergen and extensin family protein	-2.6	-2.7
13470705	At4g19170	9-cis-epoxycarotenoid dioxygenase 4 (NCED4)	-2.6	-2.6
13496733	At5g02840	REVEILLE 4 (RVE4)	-2.6	-2.5

13368466	At1g15520	ATP-binding cassette G40 (ABCG40)	-2.5	-3.3
13405932	At2g46780	RNA-binding family protein	-2.5	-2.8
13511600	At5g47240	Nudix hydrolase homolog 8 (NUDT8)	-2.5	-2.7
13362014	At1g01620	Aquaporin PIP1-3	-2.5	-2.4
13443014	At3g01060	Protein with unknown function	-2.5	-2.3
13407918	At2g05070	Photosystem II light harvesting complex protein 2.2 (LHCB2.2)	-2.5	-2.1
13519470	At5g64940	Oxidative stress-related ABC1-like protein 1	-2.4	-2.5
13444768	At3g05020	Acyl carrier protein 1 (ACP-1)	-2.4	-2.0
13521038	At5g01820	CBL-interacting protein kinase 14 (CIPK14)	-2.4	-1.5
13542995	At5g63600	Flavonol synthase 5 (FLS5)	-2.4	2.9
13387549	At1g75100	J-domain protein required for chloroplast accumulation response 1 (JAC1)	-2.3	-2.7
13445214	At3g05900	Neurofilament protein-related	-2.3	-2.6
13376300	At1g44446	Chlorophyllide A oxygenase (CH1)	-2.3	-2.2
13524185	At5g10150	Protein with unknown function	-2.3	-2.2
13544588	At5g67140	F-box/RNI-like superfamily protein	-2.4	-1.5
13535951	At5g45820	CBL-interacting serine/threonine-protein kinase 20 (CIPK20)	-2.2	-2.6
13458327	At3g50560	NAD(P)-binding Rossmann-fold superfamily protein	-2.2	-2.4
13402155	At2g37970	SOUL heme-binding-like protein (SOUL-1)	-2.2	-2.1
13443626	At3g02410	Isoprenylcysteine methylesterase-like 2	-2.2	-2.9
13459455	At3g53420	Plasma membrane intrinsic protein 2A (PIP2A)	-2.2	-2.1
13492719	At4g33010	Glycine decarboxylase P-protein 1 (GLDP1)	-2.2	-1.8
13529136	At5g21950	α/β-Hydrolases superfamily protein	-2.2	-1.5
13441594	At3g60120	β-Glucosidase 27 (BGLU27)	-2.1	-2.5
13342754	At1g20823	RING E3 ubiquitin ligase (ATL80)	-2.1	-1.9
13425716	At3g07970	Polygalacturonase QRT2 (QRT2)	-2.1	-1.8
13341755	At1g18460	α/β-Hydrolases superfamily protein	-2.1	-1.4
13412137	At2g23840	HNH endonuclease	-2.0	-3.3
13353308	At1g58520	Lipase/hydrolase (RXW8)	-2.0	-2.2
13334945	At1g02640	β-xylosidase 2 (BXL2)	-2.0	-2.1
13510364	At5g44190	MYB family transcription factor; GOLDEN2-LIKE 2 (GLK2)	-2.0	-1.5
13355545	At1g65590	β-Hexosaminidase 3 (HEXO3)	-2.0	-1.4

13339532	At1g13080	Cytochrome P450 71B2 (CYP71B2)	-2.0	-1.3