

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC051261	no_hits_found	-----	20	19156	936.7
Brapa_ESTC001875	AT2G36880.1	Symbols: MAT3 MAT3 (METHIONINE ADENOSYLTRANSFERASE 3); methionine adenosyltransferase chr2:15486800-15487972 REVERSE	29	24618	848.3
Brapa_ESTC004790	AT4G22220.1	Symbols: ATISU1, ISU1 ISU1 (Iron-sulfur cluster assembly complex protein) chr4:11759456-11760893 REVERSE	24	16961	704.9
Brapa_ESTC042517	no_hits_found	-----	42	29183	694.2
Brapa_ESTC005522	AT3G47540.1	Symbols: chitinase, putative chr3:17532029-17532982 FORWARD	19	12638	655.8
Brapa_ESTC048657	no_hits_found	-----	21	12062	584.7
Brapa_ESTC012256	AT5G06600.2	Symbols: UBP12 UBP12 (UBIQUITIN-SPECIFIC PROTEASE 12); ubiquitin-specific protease chr5:2019546-2027835 REVERSE	24	13577	576.0
Brapa_ESTC051779	no_hits_found	-----	41	23756	573.4
Brapa_ESTC002410	AT2G25450.1	Symbols: 2-oxoglutarate-dependent dioxygenase, putative chr2:10837364-10838641 REVERSE	34	19095	567.1
Brapa_ESTC050047	no_hits_found	-----	27	14462	542.8
Brapa_ESTC049047	no_hits_found	-----	49	26712	541.2
Brapa_ESTC000056	AT5G44430.1	Symbols: PDF1.2c PDF1.2c (plant defensin 1.2c) chr5:17926319-17926671 REVERSE	60	31346	520.7
Brapa_ESTC000233	AT3G03100.1	Symbols: NADH:ubiquinone oxidoreductase family protein chr3:705571-707585 REVERSE	25	12706	518.2
Brapa_ESTC048993	no_hits_found	-----	31	15873	517.0
Brapa_ESTC005535	AT2G46430.1	Symbols: CNGC3, ATCNGC3 ATCNGC3 (CYCLIC NUCLEOTIDE GATED CHANNEL 3); calmodulin binding / cyclic nucleotide binding / ion channel chr2:19065545-19068346	31	16080	515.7
Brapa_ESTC014677	AT1G70700.3	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G48500.1); similar to hypothetical protein [Solanum tuberosum] (GB:BAE46411.1); contains InterPro domain	18	9229	506.8

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Brapa_ESTC010800	no_hits_found	-----	42	20388	488.2
Brapa_ESTC010121	AT4G10300.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G04300.1); similar to Os04g0445200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001052900.1); similar to	15	7085	488.0
Brapa_ESTC028145	AT3G22231.1	Symbols: PCC1 PCC1 (PATHOGEN AND CIRCADIAN CONTROLLED 1) chr3:7846087-7846570 REVERSE	73	35111	479.8
Brapa_ESTC002504	no_hits_found	-----	22	10386	479.7
Brapa_ESTC028260	no_hits_found	-----	20	9461	474.7
Brapa_ESTC003381	AT3G04120.1	Symbols: GAPC-1, GAPC GAPC (GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE C SUBUNIT); glyceraldehyde-3-phosphate dehydrogenase	31	14595	470.6
Brapa_ESTC028213	no_hits_found	-----	22	9742	448.5
Brapa_ESTC048783	AT1G74150	Galactose oxidase/kelch repeat superfamily protein	18	8070	445.8
Brapa_ESTC002823	no_hits_found	-----	17	7498	441.6
Brapa_ESTC004105	AT1G56190.1	Symbols: phosphoglycerate kinase, putative chr1:21032068-21034119 FORWARD	21	8927	435.4
Brapa_ESTC025634	AT4G32040.1	Symbols: KNAT5 KNAT5 (KNOTTED1-LIKE HOMEBOX GENE 5); transcription factor chr4:15494133-15496015 FORWARD	44	18085	413.2
Brapa_ESTC048829	no_hits_found	-----	14	5683	399.9
Brapa_ESTC049600	no_hits_found	-----	46	18497	398.0
Brapa_ESTC049599	no_hits_found	-----	31	12211	397.4
Brapa_ESTC000856	AT4G14455.1	Symbols: ATBS14B ATBS14B; protein transporter/ v-SNARE chr4:8310478-8311934 FORWARD	25	9984	391.7
Brapa_ESTC048871	no_hits_found	-----	92	35050	382.3

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Brapa_ESTC004445	AT1G32050.1	Symbols: secretory carrier membrane protein (SCAMP) family protein chr1:11528596-11530954 FORWARD	47	17649	372.0
Brapa_ESTC045719	AT5G16330.1	Symbols: NC domain-containing protein chr5:5346166-5346980 REVERSE	62	22036	358.3
Brapa_ESTC048959	no_hits_found	-----	21	7591	355.2
Brapa_ESTC048674	no_hits_found	-----	88	31269	353.6
Brapa_ESTC005595	AT1G01470.1	Symbols: LSR3, LEA14 LEA14 (LATE EMBRYOGENESIS ABUNDANT 14) chr1:172295-172826 REVERSE	36	12805	351.1
Brapa_ESTC001929	no_hits_found	-----	12	4282	350.4
Brapa_ESTC050593	no_hits_found	-----	14	4915	339.2
Brapa_ESTC051780	no_hits_found	-----	18	5999	337.0
Brapa_ESTC027902	AT1G01790.1	Symbols: ATKEA1, KEA1 KEA1 (K EFFLUX ANTIporter 1); potassium:hydrogen antiporter chr1:286606-290869 FORWARD	68	22749	332.6
Brapa_ESTC040642	AT3G60965	copla-like retrotransposon family	86	28437	331.2
Brapa_ESTC003190	AT4G21620.1	Symbols: glycine-rich protein chr4:11491531-11491926 FORWARD	13	4170	320.3
Brapa_ESTC005515	no_hits_found	-----	19	6119	316.9
Brapa_ESTC026467	no_hits_found	-----	40	12499	310.5
Brapa_ESTC006360	no_hits_found	-----	20	6040	309.2
Brapa_ESTC018238	no_hits_found	-----	35	10639	304.4
Brapa_ESTC006995	no_hits_found	-----	34	10194	299.1

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Brapa_ESTC005683	no_hits_found	-----	30	8912	298.1
Brapa_ESTC039226	AT1G02980.1	Symbols: ATCUL2, CUL2 CUL2 (cullin 2) chr1:677869-681212 FORWARD	39	11699	298.0
Brapa_ESTC026312	AT5G61970.1	Symbols: signal recognition particle-related / SRP-related chr5:24906146-24910305 FORWARD	23	6777	296.8
Brapa_ESTC023783	no_hits_found	-----	67	19798	295.6
Brapa_ESTC035694	no_hits_found	-----	49	14325	293.2
Brapa_ESTC009437	AT5G44420.1	Symbols: PDF1.2a, LCR77, PDF1.2 PDF1.2 (Low-molecular-weight cysteine-rich 77) chr5:17924443-17924777 REVERSE	104	29257	280.1
Brapa_ESTC027816	AT5G28750.1	Symbols: thylakoid assembly protein, putative chr5:10784146-10785681 REVERSE	18	5130	279.7
Brapa_ESTC049103	no_hits_found	-----	14	3998	278.2
Brapa_ESTC022726	AT3G13650.1	Symbols: disease resistance response chr3:4463063-4463623 FORWARD	28	7674	271.1
Brapa_ESTC006307	no_hits_found	-----	21	5657	269.9
Brapa_ESTC050617	no_hits_found	-----	25	6485	264.2
Brapa_ESTC049751	no_hits_found	-----	42	10929	259.1
Brapa_ESTC000201	AT4G10300.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G04300.1); similar to Os04g0445200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001052900.1); similar to	70	17957	256.0
Brapa_ESTC028538	no_hits_found	-----	27	6803	253.7
Brapa_ESTC029278	no_hits_found	-----	45	10915	244.1
Brapa_ESTC000676	no_hits_found	-----	32	7652	242.3

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Brapa_ESTC051542	no_hits_found	-----	17	4098	242.1
Brapa_ESTC034895	AT1G75040.1	Symbols: PR-5, PR5 PR5 (PATHOGENESIS-RELATED GENE 5)	32	7647	240.3
Brapa_ESTC047150	no_hits_found	-----	16	3740	239.3
Brapa_ESTC018002	AT5G22950.1	Symbols: SNF7 family protein chr5:7681383-7682723 FORWARD	15	3489	236.9
Brapa_ESTC025138	AT5G56360.1	Symbols: calmodulin-binding protein chr5:22840812-22845176 REVERSE	37	8709	236.9
Brapa_ESTC001535	AT1G51060.1	Symbols: histone H2A, putative chr1:18930616-18931111 FORWARD	22	5210	236.4
Brapa_ESTC012943	AT3G54900.1	Symbols: CXIP1 CXIP1 (CAX INTERACTING PROTEIN 1) chr3:20352828-20353349 REVERSE	32	7541	234.8
Brapa_ESTC011880	AT4G21580.3	Symbols: oxidoreductase, zinc-binding dehydrogenase family protein chr4:11475834-11477526 FORWARD	44	10059	229.8
Brapa_ESTC002391	no_hits_found	-----	79	18141	229.5
Brapa_ESTC001947	no_hits_found	-----	72	16562	229.4
Brapa_ESTC049503	no_hits_found	-----	26	5753	219.2
Brapa_ESTC051413	no_hits_found	-----	33	7231	216.9
Brapa_ESTC028833	no_hits_found	-----	25	5466	216.8
Brapa_ESTC048801	no_hits_found	-----	67	14281	214.3
Brapa_ESTC003880	no_hits_found	-----	13	2746	212.2
Brapa_ESTC003378	no_hits_found	-----	34	7018	204.1

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Brapa_ESTC028189	no_hits_found	-----	23	4589	203.4
Brapa_ESTC048957	AT5G47830.1	Symbols: similar to hypothetical protein MtrDRAFT_AC150207g26v1 [Medicago truncatula] (GB:ABD32636.1) chr5:19390239-19391526 REVERSE	11	2147	199.2
Brapa_ESTC049644	no_hits_found	-----	39	7772	198.5
Brapa_ESTC005250	AT1G18030.2	Symbols: protein phosphatase 2C, putative / PP2C, putative chr1:6204393-6206329 FORWARD	23	4386	192.4
Brapa_ESTC051567	no_hits_found	-----	20	3839	192.1
Brapa_ESTC000216	AT2G03680.1	Symbols: SKU6, SPR1 SPR1 (SPIRAL1) chr2:1121395-1121847 FORWARD	68	13073	191.2
Brapa_ESTC048881	AT5G58220.1	Symbols: steroid binding chr5:23571772-23573087 REVERSE	23	4327	190.1
Brapa_ESTC035220	AT4G30640.1	Symbols: F-box family protein (FBL19) chr4:14952676-14953688 FORWARD	18	3307	188.9
Brapa_ESTC051703	no_hits_found	-----	15	2781	183.3
Brapa_ESTC051613	no_hits_found	-----	15	2675	180.5
Brapa_ESTC001642	no_hits_found	-----	105	18879	179.7
Brapa_ESTC006348	no_hits_found	-----	12	2228	179.4
Brapa_ESTC012647	no_hits_found	-----	121	21687	178.7
Brapa_ESTC048543	no_hits_found	-----	71	12553	176.6
Brapa_ESTC047542	no_hits_found	-----	102	17666	172.5
Brapa_ESTC005600	AT5G01750.2	Symbols: Identical to Protein At5g01750 [Arabidopsis Thaliana] (GB:Q9LZX1;GB:Q8LEK9); similar to unknown protein [Arabidopsis thaliana]	73	12507	171.9

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Brapa_ESTC002408	AT2G33150.1	Symbols: PED1, KAT2 PED1 (PEROXISOME DEFECTIVE 1); acetyl-CoA C-acyltransferase chr2:14054891-14058060 REVERSE	76	13083	171.4
Brapa_ESTC004343	AT4G16420.1	Symbols: PRZ1, ADA2B ADA2B (PROPORZ1); DNA binding / transcription factor chr4:9262828-9265798 REVERSE	19	3261	169.7
Brapa_ESTC017137	AT2G41540.3	Symbols: GPDHC1 GPDHC1; glycerol-3-phosphate dehydrogenase (NAD+) chr2:17333879-17335732 FORWARD	16	2639	168.5
Brapa_ESTC025648	AT3G26380.1	Symbols: glycosyl hydrolase family protein 27 / alpha-galactosidase family protein / melibiase family protein chr3:9661377-9664382 FORWARD	14	2418	167.6
Brapa_ESTC028154	no_hits_found	-----	66	10959	166.2
Brapa_ESTC005748	AT3G09160.1	Symbols: RNA recognition motif (RRM)-containing protein chr3:2805784-2806917 REVERSE	33	5480	165.5
Brapa_ESTC028116	no_hits_found	-----	30	4894	162.5
Brapa_ESTC048303	AT2G05530.1	Symbols: glycine-rich protein chr2:2029752-2030317 FORWARD	46	7407	161.8
Brapa_ESTC019040	AT1G49980	DNA/RNA polymerases superfamily protein	14	2279	160.9
Brapa_ESTC048498	no_hits_found	-----	18	2905	160.0
Brapa_ESTC011109	AT5G16330.1	Symbols: NC domain-containing protein chr5:5346166-5346980 REVERSE	87	13909	159.7
Brapa_ESTC050221	no_hits_found	-----	61	9665	159.4
Brapa_ESTC002330	AT3G18190.1	Symbols: chaperonin, putative chr3:6232232-6233842 FORWARD	170	27041	158.6
Brapa_ESTC048969	no_hits_found	-----	32	5023	157.3
Brapa_ESTC048297	no_hits_found	-----	32	4989	156.8
Brapa_ESTC051909	no_hits_found	-----	16	2509	155.1

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Brapa_ESTC038885	no_hits_found	-----	106	16496	155.0
Brapa_ESTC024782	no_hits_found	-----	41	6392	154.6
Brapa_ESTC040176	no_hits_found	-----	28	4293	154.6
Brapa_ESTC010230	AT3G15920.1	Symbols: phox (PX) domain-containing protein chr3:5383774-5386961 REVERSE	64	9823	154.5
Brapa_ESTC008590	AT1G02980.1	Symbols: ATCUL2, CUL2 CUL2 (cullin 2) chr1:677869-681212 FORWARD	64	9878	153.9
Brapa_ESTC003859	no_hits_found	-----	74	11307	152.9
Brapa_ESTC032485	no_hits_found	-----	40	6136	152.4
Brapa_ESTC049052	AT5G55860.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G12150.1); similar to Prefoldin [Medicago truncatula] (GB:ABE89308.1); contains InterPro domain Protein of	45	6718	150.4
Brapa_ESTC005106	AT3G52200.1	Symbols: LTA3 LTA3 (Dihydrolipoamide S-acetyltransferase 3); dihydrolipoyllysine-residue acetyltransferase chr3:19371295-19377069 FORWARD	18	2606	147.3
Brapa_ESTC032966	no_hits_found	-----	39	5806	147.2
Brapa_ESTC001557	AT5G08300.1	Symbols: succinyl-CoA ligase (GDP-forming) alpha-chain, mitochondrial, putative / succinyl-CoA synthetase, alpha chain, putative / SCS-alpha, putative chr5:2667580-	14	1973	145.4
Brapa_ESTC051517	AT3G51370.2	Symbols: protein phosphatase 2C, putative / PP2C, putative chr3:19081366-19082954 FORWARD	19	2690	145.2
Brapa_ESTC048867	no_hits_found	-----	173	24947	144.5
Brapa_ESTC029752	AT4G14390.1	Symbols: ankyrin repeat family protein chr4:8289640-8292079 FORWARD	32	4640	144.1
Brapa_ESTC048620	no_hits_found	-----	43	6205	144.0
Brapa_ESTC028192	no_hits_found	-----	52	7503	143.0

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Brapa_ESTC028049	no_hits_found	-----	25	3564	141.7
Brapa_ESTC050801	AT4G24220.2	Symbols: AWI31, VEP1 VEP1 (VEIN PATTERNING 1) chr4:12565229-12566484 FORWARD	34	4720	140.9
Brapa_ESTC006212	AT4G00630.1	Symbols: ATKEA2, KEA2 KEA2 (K+ efflux antiporter); potassium:hydrogen antiporter chr4:261655-265958 REVERSE	98	13550	138.3
Brapa_ESTC050130	AT1G80850.1	Symbols: methyladenine glycosylase family protein chr1:30390499-30392164 REVERSE	11	1554	138.0
Brapa_ESTC051141	AT4G38630.1	Symbols: MCB1, MBP1, AT-MCB1 AT-MCB1 (MULTIUBIQUITIN CHAIN BINDING PROTEIN 1) chr4:18057351-18059453 REVERSE	109	14900	137.2
Brapa_ESTC033067	AT4G10300.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G04300.1); similar to Os04g0445200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001052900.1); similar to	146	19941	136.8
Brapa_ESTC029281	no_hits_found	-----	105	14358	136.7
Brapa_ESTC047932	no_hits_found	-----	12	1644	136.1
Brapa_ESTC048951	no_hits_found	-----	142	19232	135.4
Brapa_ESTC001180	no_hits_found	-----	16	2115	135.3
Brapa_ESTC051793	AT1G31330.1	Symbols: PSAF PSAF (photosystem I subunit F) chr1:11214992-11215920 REVERSE	121	16289	135.2
Brapa_ESTC051787	AT3G49560.1	Symbols: mitochondrial import inner membrane translocase subunit Tim17/Tim22/Tim23 family protein chr3:18381629-18382806 FORWARD	18	2364	133.8
Brapa_ESTC035805	no_hits_found	-----	107	14213	132.5
Brapa_ESTC047389	no_hits_found	-----	110	14545	132.5
Brapa_ESTC026926	AT4G11790.1	Symbols: Ran-binding protein 1 domain-containing protein / RanBP1 domain-containing protein chr4:7090450-7093202 FORWARD	31	4145	131.8
Brapa_ESTC048833	no_hits_found	-----	42	5475	131.1

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Brapa_ESTC015270	AT1G30230.2	Symbols: elongation factor 1-beta / EF-1-beta chr1:10639270-10640585 FORWARD	90	11724	130.9
Brapa_ESTC050227	no_hits_found	-----	41	5387	130.6
Brapa_ESTC009733	AT1G12220.1	Symbols: RPS5 RPS5 (RESISTANT TO P. SYRINGAE 5) chr1:4145009-4147678 FORWARD	24	3177	130.5
Brapa_ESTC041159	no_hits_found	-----	41	5284	129.1
Brapa_ESTC048129	no_hits_found	-----	28	3544	128.2
Brapa_ESTC051043	AT4G27585.1	Symbols: band 7 family protein chr4:13766990-13769838 REVERSE	11	1381	127.6
Brapa_ESTC031376	no_hits_found	-----	75	9583	127.2
Brapa_ESTC001656	AT1G75380.3	Symbols: wound-responsive protein-related chr1:28285450-28287292 REVERSE	103	13035	126.9
Brapa_ESTC003484	no_hits_found	-----	123	15577	126.5
Brapa_ESTC015031	AT1G30040.1	Symbols: ATGA2OX2 ATGA2OX2; gibberellin 2-beta-dioxygenase chr1:10537753-10539554 FORWARD	16	1969	126.4
Brapa_ESTC048353	AT4G16420.1	Symbols: PRZ1, ADA2B ADA2B (PROPORZ1); DNA binding / transcription factor chr4:9262828-9265798 REVERSE	15	1903	124.7
Brapa_ESTC049177	no_hits_found	-----	20	2464	123.5
Brapa_ESTC050133	no_hits_found	-----	24	3016	123.3
Brapa_ESTC023011	AT5G35525	PLAC8 family protein	107	13082	122.5
Brapa_ESTC048949	no_hits_found	-----	87	10682	122.4
Brapa_ESTC049995	AT1G74150	Galactose oxidase/kelch repeat superfamily protein	17	2028	119.5

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Brapa_ESTC038154	no_hits_found	-----	225	26836	119.0
Brapa_ESTC003917	no_hits_found	-----	67	7950	118.5
Brapa_ESTC047854	no_hits_found	-----	29	3439	117.9
Brapa_ESTC002772	AT3G14650.1	Symbols: CYP72A11 CYP72A11 (cytochrome P450, family 72, subfamily A, polypeptide 11); oxygen binding chr3:4922213-4924172 FORWARD	171	20144	117.8
Brapa_ESTC003149	no_hits_found	-----	53	6186	117.1
Brapa_ESTC049048	no_hits_found	-----	49	5752	116.5
Brapa_ESTC051407	no_hits_found	-----	29	3401	115.9
Brapa_ESTC050134	no_hits_found	-----	51	5918	115.1
Brapa_ESTC048994	no_hits_found	-----	31	3576	114.7
Brapa_ESTC004379	AT1G76930.1	Symbols: ORG5, ATEXT1, ATEXT4 ATEXT4 (EXTENSIN 4) chr1:28900343-28901747 REVERSE	94	10722	114.1
Brapa_ESTC048958	AT5G47830.1	Symbols: similar to hypothetical protein MtrDRAFT_AC150207g26v1 [Medicago truncatula] (GB:ABD32636.1) chr5:19390239-19391526 REVERSE	50	5671	112.9
Brapa_ESTC014934	AT1G11670.1	Symbols: MATE efflux family protein chr1:3928520-3931482 REVERSE	37	4106	112.0
Brapa_ESTC004623	AT2G27310.1	Symbols: F-box family protein chr2:11691032-11692045 REVERSE	18	2030	111.8
Brapa_ESTC048631	AT3G55450.1	Symbols: protein kinase, putative chr3:20569106-20570940 FORWARD	43	4790	111.2
Brapa_ESTC050313	no_hits_found	-----	48	5284	111.1
Brapa_ESTC010318	AT4G04635.1	Symbols: DNA binding / transposase chr4:2347901-2349154 FORWARD	120	13329	110.9

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049420	AT5G06120.1	Symbols: Ran-binding protein, putative chr5:1844798-1852602 FORWARD	25	2730	110.9
Brapa_ESTC049835	no_hits_found	-----	76	8382	110.5
Brapa_ESTC017576	AT1G54450.1	Symbols: calcium-binding EF-hand family protein chr1:20340237-20343202 REVERSE	41	4457	109.6
Brapa_ESTC032329	AT4G03590.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G03570.1); contains InterPro domain Arabidopsis thaliana cystatin-related protein; (InterPro:IPR006525)	131	14340	109.5
Brapa_ESTC019755	AT3G10610.1	Symbols: 40S ribosomal protein S17 (RPS17C) chr3:3319464-3319886 FORWARD	47	5132	109.1
Brapa_ESTC020719	AT2G44050.1	Symbols: COS1 COS1 (COI1 SUPPRESSOR1); 6,7-dimethyl-8-ribityllumazine synthase chr2:18231380-18232993 FORWARD	77	8317	107.6
Brapa_ESTC006221	AT1G17850.1	Symbols: similar to rhodanese-like domain-containing protein [Arabidopsis thaliana] (TAIR:AT2G40760.1); similar to Os03g0861700 [Oryza sativa (japonica cultivar-group)]	43	4620	107.4
Brapa_ESTC002950	AT1G73350.2	Symbols: similar to Os02g0637900 [Oryza sativa (japonica cultivar-group)] (GB:NP_001047530.1); similar to conserved hypothetical protein [Medicago truncatula]	28	3022	106.8
Brapa_ESTC048154	no_hits_found	-----	44	4647	106.6
Brapa_ESTC028439	no_hits_found	-----	13	1411	106.6
Brapa_ESTC051309	no_hits_found	-----	89	9441	106.0
Brapa_ESTC002994	no_hits_found	-----	168	17772	106.0
Brapa_ESTC038108	AT1G06410.1	Symbols: TPS7, ATTPSA, ATTPS7 ATTPS7 (Arabidopsis thaliana trehalose-phosphatase/synthase 7); transferase, transferring glycosyl groups / trehalose-phosphatase	32	3434	105.9
Brapa_ESTC003981	no_hits_found	-----	30	3130	105.3
Brapa_ESTC050228	no_hits_found	-----	33	3476	104.8
Brapa_ESTC048882	AT5G58220.1	Symbols: steroid binding chr5:23571772-23573087 REVERSE	21	2127	103.8

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC051731	no_hits_found	-----	65	6712	103.2
Brapa_ESTC047280	AT3G22231.1	Symbols: PCC1 PCC1 (PATHOGEN AND CIRCADIAN CONTROLLED 1) chr3:7846087-7846570 REVERSE	345	35414	102.6
Brapa_ESTC021918	AT5G67590.1	Symbols: FRO1 FRO1 (FROSTBITE1) chr5:26975299-26976582 FORWARD	85	8581	101.3
Brapa_ESTC048894	no_hits_found	-----	154	15562	101.0
Brapa_ESTC050876	AT4G24220.2	Symbols: AWI31, VEP1 VEP1 (VEIN PATTERNING 1) chr4:12565229-12566484 FORWARD	83	8316	100.7
Brapa_ESTC011274	AT5G17870.1	Symbols: PSRP6 plastid-specific ribosomal protein-related chr5:5907819-5908139 FORWARD	222	22152	99.8
Brapa_ESTC049926	no_hits_found	-----	71	7001	98.8
Brapa_ESTC049054	AT1G80850.1	Symbols: methyladenine glycosylase family protein chr1:30390499-30392164 REVERSE	71	6961	98.7
Brapa_ESTC028171	no_hits_found	-----	34	3282	97.0
Brapa_ESTC010215	AT3G15780.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G52550.1); similar to Os01g0392100 [Oryza sativa (japonica cultivar-group)] (GB:NP_001043115.1)	29	2762	96.1
Brapa_ESTC005105	AT2G30490.1	Symbols: ATC4H, C4H, CYP73A5 ATC4H (CINNAMATE-4-HYDROXYLASE) chr2:13000938-13002760 REVERSE	129	12331	95.5
Brapa_ESTC012262	AT4G30990	ARM repeat superfamily protein	135	12764	94.9
Brapa_ESTC005140	AT1G70530.1	Symbols: protein kinase family protein chr1:26592413-26595042 REVERSE	79	7511	94.8
Brapa_ESTC009931	no_hits_found	-----	107	10113	94.6
Brapa_ESTC004497	no_hits_found	-----	58	5429	94.0
Brapa_ESTC050900	no_hits_found	-----	113	10359	91.5

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC028093	AT3G48180.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G19020.1); similar to conserved hypothetical protein [Medicago truncatula] (GB:ABE82379.1) chr3:17801556-	13	1153	91.1
Brapa_ESTC032366	AT1G31210	copia-like retrotransposon family	43	3906	90.2
Brapa_ESTC028676	no_hits_found	-----	132	11906	90.1
Brapa_ESTC050444	AT1G20960.1	Symbols: EMB1507 EMB1507 (EMBRYO DEFECTIVE 1507); ATP-dependent helicase chr1:7302580-7309903 REVERSE	19	1657	89.4
Brapa_ESTC010043	AT2G36360.2	Symbols: kelch repeat-containing protein chr2:15250540-15254602 REVERSE	132	11730	89.2
Brapa_ESTC048843	no_hits_found	-----	420	37185	88.5
Brapa_ESTC002520	AT5G67590.1	Symbols: FRO1 FRO1 (FROSTBITE1) chr5:26975299-26976582 FORWARD	139	12278	88.3
Brapa_ESTC004253	no_hits_found	-----	179	15721	87.6
Brapa_ESTC018159	AT5G47840.1	Symbols: adenylate kinase, chloroplast, putative / ATP-AMP transphosphorylase, putative chr5:19392714-19395284 FORWARD	21	1831	87.5
Brapa_ESTC050875	AT4G24220.2	Symbols: AWI31, VEP1 VEP1 (VEIN PATTERNING 1) chr4:12565229-12566484 FORWARD	129	11070	86.1
Brapa_ESTC024555	no_hits_found	-----	37	3166	85.9
Brapa_ESTC013139	AT5G51190.1	Symbols: AP2 domain-containing transcription factor, putative chr5:20817934-20818599 REVERSE	145	12449	85.7
Brapa_ESTC048128	no_hits_found	-----	55	4742	85.6
Brapa_ESTC004143	AT4G25740.1	Symbols: 40S ribosomal protein S10 (RPS10A) chr4:13107497-13108760 REVERSE	93	7881	85.1
Brapa_ESTC002105	no_hits_found	-----	122	10384	85.1
Brapa_ESTC048499	no_hits_found	-----	87	7420	85.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC014671	AT3G62410.1	Symbols: CP12, CP12-2 CP12-2 chr3:23101982-23102377 FORWARD	19	1573	84.3
Brapa_ESTC051792	AT5G59840.1	Symbols: Ras-related GTP-binding family protein chr5:24124676-24126275 REVERSE	61	5117	84.1
Brapa_ESTC049123	no_hits_found	-----	317	26502	83.5
Brapa_ESTC051511	AT4G17900.1	Symbols: zinc-binding family protein chr4:9946059-9947710 FORWARD	25	2045	83.4
Brapa_ESTC004581	AT3G51370.2	Symbols: protein phosphatase 2C, putative / PP2C, putative chr3:19081366-19082954 FORWARD	25	2074	83.3
Brapa_ESTC005626	AT3G07970.1	Symbols: polygalacturonase, putative / pectinase, putative chr3:2541012-2543376 FORWARD	232	19274	83.1
Brapa_ESTC001611	AT1G24510.1	Symbols: T-complex protein 1 epsilon subunit, putative / TCP-1-epsilon, putative / chaperonin, putative chr1:8685492-8688089 REVERSE	251	20803	83.0
Brapa_ESTC042865	AT3G15310.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G32621.1); similar to hypothetical protein 24.t00017 [Brassica oleracea] (GB:ABD64939.1); contains InterPro	172	14319	83.0
Brapa_ESTC051588	no_hits_found	-----	60	4960	83.0
Brapa_ESTC020334	AT1G49180.1	Symbols: protein kinase family protein chr1:18188508-18191112 REVERSE	22	1789	83.0
Brapa_ESTC049764	no_hits_found	-----	36	2979	82.9
Brapa_ESTC010884	AT3G44300.1	Symbols: NIT2 NIT2 (NITRILASE 2) chr3:15994338-15996159 FORWARD	35	2930	82.8
Brapa_ESTC048026	AT1G05160.1	Symbols: ATKAO1, KAO1, CYP88A3 CYP88A3 (ENT-KAURENOIC ACID HYDROXYLASE 1); oxygen binding chr1:1487639-1489827 REVERSE	43	3543	82.3
Brapa_ESTC014468	no_hits_found	-----	33	2713	82.1
Brapa_ESTC017447	AT1G30160.2	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G05540.1); contains InterPro domain Protein of unknown function DUF295; (InterPro:IPR005174)	27	2202	81.5
Brapa_ESTC005436	AT3G14205.1	Symbols: phosphoinositide phosphatase family protein chr3:4716015-4720531 REVERSE	55	4417	80.2

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC007789	AT4G01550.1	Symbols: ANAC069 ANAC069 (Arabidopsis NAC domain containing protein 69); transcription factor chr4:674025-676225 REVERSE	95	7576	80.0
Brapa_ESTC005516	no_hits_found	-----	92	7334	79.8
Brapa_ESTC007985	no_hits_found	-----	120	9537	79.5
Brapa_ESTC048544	no_hits_found	-----	104	8181	78.6
Brapa_ESTC045302	no_hits_found	-----	88	6869	78.4
Brapa_ESTC028542	no_hits_found	-----	149	11567	77.5
Brapa_ESTC039219	AT4G30990	ARM repeat superfamily protein	230	17443	75.8
Brapa_ESTC047755	no_hits_found	-----	152	11505	75.7
Brapa_ESTC048909	no_hits_found	-----	201	15179	75.7
Brapa_ESTC039223	no_hits_found	-----	320	24159	75.4
Brapa_ESTC048792	no_hits_found	-----	75	5668	75.2
Brapa_ESTC051343	AT4G24220.2	Symbols: AWI31, VEP1 VEP1 (VEIN PATTERNING 1) chr4:12565229-12566484 FORWARD	88	6600	74.9
Brapa_ESTC048879	AT1G56220.4	Symbols: dormancy/auxin associated family protein chr1:21047079-21048046 FORWARD	19	1406	74.8
Brapa_ESTC006098	AT1G01680.1	Symbols: U-box domain-containing protein chr1:246411-248329 REVERSE	16	1207	74.5
Brapa_ESTC000693	AT1G18030.2	Symbols: protein phosphatase 2C, putative / PP2C, putative chr1:6204393-6206329 FORWARD	40	3014	74.4
Brapa_ESTC048324	no_hits_found	-----	240	17825	74.4

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC051614	no_hits_found	-----	70	5159	73.6
Brapa_ESTC022769	AT4G30640.1	Symbols: F-box family protein (FBL19) chr4:14952676-14953688 FORWARD	33	2455	73.6
Brapa_ESTC048253	no_hits_found	-----	38	2760	73.3
Brapa_ESTC048862	no_hits_found	-----	70	5089	73.1
Brapa_ESTC046938	AT4G32010	HSI2-like 1 (HSL1)	24	1724	72.8
Brapa_ESTC028136	no_hits_found	-----	73	5300	72.6
Brapa_ESTC014501	no_hits_found	-----	200	14501	72.4
Brapa_ESTC042273	no_hits_found	-----	18	1301	71.2
Brapa_ESTC047123	no_hits_found	-----	31	2162	70.8
Brapa_ESTC001522	no_hits_found	-----	243	17209	70.8
Brapa_ESTC000170	AT1G22840.1	Symbols: CYTC-1, ATCYTC-A ATCYTC-A/CYTC-1 (CYTOCHROME C-1); electron carrier chr1:8079373-8080275 FORWARD	88	6141	70.1
Brapa_ESTC048989	no_hits_found	-----	252	17641	69.9
Brapa_ESTC003898	no_hits_found	-----	192	13402	69.9
Brapa_ESTC049481	AT2G45730.1	Symbols: eukaryotic initiation factor 3 gamma subunit family protein chr2:18843593-18846197 REVERSE	55	3794	69.5
Brapa_ESTC008478	no_hits_found	-----	89	6096	68.8
Brapa_ESTC048584	no_hits_found	-----	207	14208	68.8

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049053	AT1G80850.1	Symbols: methyladenine glycosylase family protein chr1:30390499-30392164 REVERSE	45	3061	68.7
Brapa_ESTC015589	AT4G10300.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G04300.1); similar to Os04g0445200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001052900.1); similar to	138	9391	68.1
Brapa_ESTC004246	no_hits_found	-----	26	1743	67.5
Brapa_ESTC021154	AT3G03710.1	Symbols: RIF10 RIF10 (RESISTANT TO INHIBITION WITH FSM 10); 3'-5'-exoribonuclease/ RNA binding / nucleic acid binding chr3:919549-924913 FORWARD	115	7739	67.3
Brapa_ESTC003007	AT1G12930.1	Symbols: importin-related chr1:4398586-4405493 REVERSE	65	4357	66.9
Brapa_ESTC049766	AT5G13630.2	Symbols: CCH, CHLH, CCH1, GUN5 GUN5 (GENOMES UNCOUPLED 5) chr5:4387923-4392085 REVERSE	23	1566	66.8
Brapa_ESTC046896	AT3G49580.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G49570.1); similar to unknown protein [Brassica rapa subsp. pekinensis] (GB:AAQ92331.1) chr3:18386420-	22	1461	66.7
Brapa_ESTC001959	AT3G50260.1	Symbols: CEJ1, ATERF#011 ATERF#011/CEJ1 (COOPERATIVELY REGULATED BY ETHYLENE AND JASMONATE 1); DNA binding / transcription factor chr3:18645669-	17	1102	66.0
Brapa_ESTC049098	AT5G59050.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G54000.1); similar to IMP dehydrogenase/GMP reductase [Medicago truncatula] (GB:ABD33149.1)	102	6658	65.4
Brapa_ESTC028184	AT5G66400.1	Symbols: ATDI8, RAB18 RAB18 (RESPONSIVE TO ABA 18) chr5:26535737-26536379 REVERSE	49	3220	65.2
Brapa_ESTC044146	no_hits_found	-----	105	6809	65.1
Brapa_ESTC050531	AT3G02470.3	Symbols: SAMDC SAMDC (S-ADENOSYLMETHIONINE DECARBOXYLASE) chr3:510230-511330 FORWARD	39	2553	64.9
Brapa_ESTC024558	AT3G25520.1	Symbols: ATL5 ATL5 (A. THALIANA RIBOSOMAL PROTEIN L5); structural constituent of ribosome chr3:9270810-9272564 REVERSE	232	15068	64.9
Brapa_ESTC025488	no_hits_found	-----	83	5383	64.8
Brapa_ESTC023905	AT5G25265.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G25260.1); similar to unknown protein [Oryza sativa (japonica cultivar-group)] (GB:BAD72305.1); similar to	130	8340	64.4
Brapa_ESTC028138	no_hits_found	-----	426	27091	63.6

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<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC029495	no_hits_found	-----	67	4227	63.1
Brapa_ESTC051311	no_hits_found	-----	24	1484	63.0
Brapa_ESTC051791	AT5G59840.1	Symbols: Ras-related GTP-binding family protein chr5:24124676-24126275 REVERSE	85	5273	62.4
Brapa_ESTC050825	no_hits_found	-----	65	4034	62.2
Brapa_ESTC015176	AT5G16330.1	Symbols: NC domain-containing protein chr5:5346166-5346980 REVERSE	120	7457	62.2
Brapa_ESTC028173	no_hits_found	-----	214	13220	61.8
Brapa_ESTC015431	AT1G14040.1	Symbols: similar to EXS family protein / ERD1/XPR1/SYG1 family protein [Arabidopsis thaliana] (TAIR:AT2G03260.1); similar to EXS family protein / ERD1/XPR1/SYG1 family	94	5788	61.7
Brapa_ESTC011299	AT1G14688	E3 ubiquitin ligase	17	1030	61.4
Brapa_ESTC003465	no_hits_found	-----	177	10837	61.2
Brapa_ESTC004564	no_hits_found	-----	81	4912	61.0
Brapa_ESTC047361	AT3G52990.2	Symbols: pyruvate kinase, putative chr3:19660314-19663215 FORWARD	20	1231	60.7
Brapa_ESTC001585	AT1G27595.1	Symbols: similar to ESP4 (ENHANCED SILENCING PHENOTYPE 4), binding [Arabidopsis thaliana] (TAIR:AT5G01400.1); similar to Os07g0693900 [Oryza sativa	237	14354	60.5
Brapa_ESTC004411	AT3G11964.1	Symbols: S1 RNA-binding domain-containing protein chr3:3793963-3806632 REVERSE	49	2956	60.0
Brapa_ESTC050727	no_hits_found	-----	372	22220	59.7
Brapa_ESTC031590	no_hits_found	-----	287	17091	59.5
Brapa_ESTC001902	AT3G52860.1	Symbols: similar to conserved hypothetical protein [Medicago truncatula] (GB:ABE94614.1); similar to Os05g0154900 [Oryza sativa (japonica cultivar-group)]	141	8355	59.5

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<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC048911	no_hits_found	-----	50	2962	58.9
Brapa_ESTC049701	AT5G53470.1	Symbols: ACBP, ACBP1 ACBP1 (ACYL-COA BINDING PROTEIN) chr5:21727723-21729617 FORWARD	65	3811	58.9
Brapa_ESTC051131	no_hits_found	-----	29	1683	58.7
Brapa_ESTC032627	no_hits_found	-----	25	1439	58.5
Brapa_ESTC017470	AT5G06600.2	Symbols: UBP12 UBP12 (UBIQUITIN-SPECIFIC PROTEASE 12); ubiquitin-specific protease chr5:2019546-2027835 REVERSE	327	19125	58.5
Brapa_ESTC026503	AT5G21160.1	Symbols: La domain-containing protein / proline-rich family protein chr5:7199194-7203882 REVERSE	135	7830	58.2
Brapa_ESTC024620	AT4G34050.1	Symbols: coffeoyl-CoA 3-O-methyltransferase, putative chr4:16310849-16311978 FORWARD	22	1261	57.8
Brapa_ESTC029108	no_hits_found	-----	444	25610	57.6
Brapa_ESTC050222	no_hits_found	-----	197	11308	57.3
Brapa_ESTC048791	no_hits_found	-----	133	7567	56.8
Brapa_ESTC049513	no_hits_found	-----	61	3465	56.8
Brapa_ESTC048929	AT4G33150.2	Symbols: LKR/SDH, LKR, SDH LKR (SACCHAROPINE DEHYDROGENASE) chr4:15985482-15991072 REVERSE	215	12081	56.1
Brapa_ESTC009043	AT5G60890.1	Symbols: AtMYB34, ATR1, ATR ATR1 (ALTERED TRYPTOPHAN REGULATION); DNA binding / kinase/ transcription factor chr5:24512255-24513446 FORWARD	408	22870	56.1
Brapa_ESTC020563	AT2G37220.1	Symbols: 29 kDa ribonucleoprotein, chloroplast, putative / RNA-binding protein cp29, putative chr2:15642059-15643410 REVERSE	230	12898	56.0
Brapa_ESTC040221	AT2G30290.1	Symbols: vacuolar sorting receptor, putative chr2:12919967-12922858 REVERSE	83	4625	56.0
Brapa_ESTC005124	no_hits_found	-----	73	4100	55.9

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<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC029029	no_hits_found	-----	20	1138	55.9
Brapa_ESTC001217	AT4G38960.1	Symbols: zinc finger (B-box type) family protein chr4:18161570-18163039 FORWARD	122	6785	55.8
Brapa_ESTC048901	AT2G37220.1	Symbols: 29 kDa ribonucleoprotein, chloroplast, putative / RNA-binding protein cp29, putative chr2:15642059-15643410 REVERSE	304	16927	55.7
Brapa_ESTC007060	no_hits_found	-----	72	3988	55.7
Brapa_ESTC049996	AT1G74150	Galactose oxidase/kelch repeat superfamily protein	39	2160	55.7
Brapa_ESTC036704	no_hits_found	-----	170	9404	55.4
Brapa_ESTC003291	AT3G22380.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G63180.1); similar to Os07g0571100 [Oryza sativa (japonica cultivar-group)] (GB:NP_001060049.1); similar	19	1044	55.4
Brapa_ESTC051558	no_hits_found	-----	28	1577	55.4
Brapa_ESTC050968	no_hits_found	-----	48	2653	55.3
Brapa_ESTC004441	AT1G08845.1	Symbols: structural constituent of ribosome chr1:2839858-2840958 FORWARD	32	1744	55.3
Brapa_ESTC013598	AT5G11630.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G17310.1); similar to conserved hypothetical protein [Medicago truncatula] (GB:ABE78369.1) chr5:3740546-	77	4265	55.2
Brapa_ESTC048619	no_hits_found	-----	149	8245	55.2
Brapa_ESTC024486	AT5G05870.1	Symbols: UGT76C1 UGT76C1 (UDP-GLUCOSYL TRANSFERASE 76C1); UDP-glycosyltransferase/ transferase, transferring glycosyl groups chr5:1767684-1769178	162	8870	54.8
Brapa_ESTC003727	no_hits_found	-----	94	5138	54.5
Brapa_ESTC048319	no_hits_found	-----	95	5145	54.4
Brapa_ESTC051377	no_hits_found	-----	32	1718	54.2

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049765	AT5G13630.2	Symbols: CCH, CHLH, CCH1, GUN5 GUN5 (GENOMES UNCOUPLED 5) chr5:4387923-4392085 REVERSE	63	3397	54.0
Brapa_ESTC042787	no_hits_found	-----	65	3515	54.0
Brapa_ESTC002914	no_hits_found	-----	91	4924	54.0
Brapa_ESTC048711	no_hits_found	-----	66	3546	53.8
Brapa_ESTC049313	AT5G09260.1	Symbols: SNF7-related chr5:2876798-2878356 FORWARD	40	2149	53.7
Brapa_ESTC021686	AT5G23080.2	Symbols: TGH TGH (TOUGH); RNA binding chr5:7743229-7748892 REVERSE	130	6999	53.6
Brapa_ESTC026527	no_hits_found	-----	151	8086	53.5
Brapa_ESTC041007	AT2G18193.1	Symbols: AAA-type ATPase family protein chr2:7924703-7926266 REVERSE	209	11164	53.5
Brapa_ESTC028217	no_hits_found	-----	252	13408	53.2
Brapa_ESTC029244	AT3G16630.2	Symbols: ATKINESIN-13A, KINESIN-13A ATKINESIN-13A/KINESIN-13A; microtubule motor chr3:5662666-5667267 REVERSE	42	2220	53.1
Brapa_ESTC005992	AT1G14040.1	Symbols: similar to EXS family protein / ERD1/XPR1/SYG1 family protein [Arabidopsis thaliana] (TAIR:AT2G03260.1); similar to EXS family protein / ERD1/XPR1/SYG1 family	136	7227	53.0
Brapa_ESTC050983	no_hits_found	-----	183	9709	53.0
Brapa_ESTC051357	no_hits_found	-----	55	2916	53.0
Brapa_ESTC050905	no_hits_found	-----	32	1689	52.1
Brapa_ESTC003424	AT5G49540.1	Symbols: similar to Protein of unknown function DUF786 [Medicago truncatula] (GB:ABE90870.1); contains InterPro domain Protein of unknown function DUF786;	125	6485	52.0
Brapa_ESTC049419	AT5G06120.1	Symbols: Ran-binding protein, putative chr5:1844798-1852602 FORWARD	62	3247	52.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC005723	AT1G72050.1	Symbols: zinc finger (C2H2 type) family protein chr1:27119470-27120890 FORWARD	120	6176	51.3
Brapa_ESTC051848	no_hits_found	-----	41	2125	51.3
Brapa_ESTC000684	no_hits_found	-----	81	4162	51.2
Brapa_ESTC049892	AT1G32780.1	Symbols: alcohol dehydrogenase, putative chr1:11869957-11872575 REVERSE	239	12183	51.1
Brapa_ESTC048214	no_hits_found	-----	89	4478	50.4
Brapa_ESTC018515	AT3G47570.1	Symbols: leucine-rich repeat transmembrane protein kinase, putative chr3:17538596-17541733 FORWARD	30	1495	50.0
Brapa_ESTC045972	AT2G07760	Zinc knuckle (CCHC-type) family protein	199	9908	49.8
Brapa_ESTC003885	AT4G27640.1	Symbols: importin beta-2 subunit family protein chr4:13798019-13802982 REVERSE	99	4903	49.5
Brapa_ESTC051855	AT4G01730.1	Symbols: zinc finger (DHHC type) family protein chr4:749922-752034 FORWARD	113	5546	49.2
Brapa_ESTC018104	AT1G22850.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G19070.1); similar to unnamed protein product [Ostreococcus tauri] (GB:CAL54429.1); similar to	87	4267	48.8
Brapa_ESTC005774	no_hits_found	-----	144	7002	48.5
Brapa_ESTC013610	AT2G20410.1	Symbols: activating signal cointegrator-related chr2:8809642-8811275 FORWARD	28	1371	48.5
Brapa_ESTC009663	AT4G12010.1	Symbols: disease resistance protein (TIR-NBS-LRR class), putative chr4:7197319-7201387 REVERSE	27	1291	48.1
Brapa_ESTC049763	no_hits_found	-----	29	1412	48.0
Brapa_ESTC040559	no_hits_found	-----	208	9900	47.6
Brapa_ESTC051929	AT2G05530.1	Symbols: glycine-rich protein chr2:2029752-2030317 FORWARD	62	2912	47.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC025449	AT5G03480.1	Symbols: nucleic acid binding / nucleotide binding chr5:869207-870854 REVERSE	337	15831	47.0
Brapa_ESTC014458	AT3G06930.2	Symbols: protein arginine N-methyltransferase family protein chr3:2185475-2189302 REVERSE	201	9434	46.8
Brapa_ESTC009866	AT4G03010.1	Symbols: leucine-rich repeat family protein chr4:1329952-1331139 FORWARD	135	6333	46.8
Brapa_ESTC049373	no_hits_found	-----	25	1173	46.4
Brapa_ESTC006688	AT5G23960.1	Symbols: terpene synthase/cyclase family protein chr5:8092972-8095131 FORWARD	137	6319	46.1
Brapa_ESTC051541	no_hits_found	-----	174	8025	46.1
Brapa_ESTC051483	no_hits_found	-----	92	4204	45.8
Brapa_ESTC003486	AT1G73350.2	Symbols: similar to Os02g0637900 [Oryza sativa (japonica cultivar-group)] (GB:NP_001047530.1); similar to conserved hypothetical protein [Medicago truncatula]	122	5566	45.7
Brapa_ESTC051629	no_hits_found	-----	94	4277	45.5
Brapa_ESTC028036	no_hits_found	-----	174	7772	44.7
Brapa_ESTC039860	no_hits_found	-----	52	2297	44.4
Brapa_ESTC005099	AT1G79940.1	Symbols: heat shock protein binding / unfolded protein binding chr1:30074916-30078130 FORWARD	57	2530	44.3
Brapa_ESTC000637	AT2G25640.1	Symbols: similar to transcription elongation factor-related [Arabidopsis thaliana] (TAIR:AT5G25520.2); similar to PHD finger protein-like [Oryza sativa (japonica cultivar-	23	1025	43.9
Brapa_ESTC025625	AT2G34690.1	Symbols: ACD11 ACD11 (ACCELERATED CELL DEATH 11) chr2:14637504-14638858 FORWARD	159	6926	43.7
Brapa_ESTC048712	no_hits_found	-----	82	3543	43.4
Brapa_ESTC005582	no_hits_found	-----	124	5363	43.4

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC045686	AT4G01270.1	Symbols: zinc finger (C3HC4-type RING finger) family protein chr4:532351-534891 FORWARD	54	2337	43.2
Brapa_ESTC029406	no_hits_found	-----	204	8791	43.0
Brapa_ESTC004579	AT2G22430.1	Symbols: ATHB6 ATHB6 (ARABIDOPSIS THALIANA HOMEBOX PROTEIN 6); transcription factor chr2:9533550-9534692 REVERSE	323	13848	42.9
Brapa_ESTC019628	AT1G23400.1	Symbols: CAF2, ATCAF2 ATCAF2/CAF2 (ARABIDOPSIS THALIANA HOMOLOG OF MAIZE CAF2) chr1:8312188-8314729 REVERSE	78	3333	42.8
Brapa_ESTC004350	AT5G45240.1	Symbols: disease resistance protein (TIR-NBS-LRR class), putative chr5:18330933-18336316 FORWARD	106	4509	42.6
Brapa_ESTC049889	no_hits_found	-----	211	8912	42.3
Brapa_ESTC051408	no_hits_found	-----	46	1951	42.2
Brapa_ESTC006135	AT1G15320.1	Symbols: unknown protein chr1:5272463-5273694 REVERSE	92	3845	41.9
Brapa_ESTC001405	AT5G09830.1	Symbols: BoIA-like family protein chr5:3057817-3058770 REVERSE	135	5636	41.9
Brapa_ESTC040211	no_hits_found	-----	81	3408	41.8
Brapa_ESTC048780	AT1G12940.1	Symbols: ATNRT2.5 ATNRT2.5 (NITRATE TRANSPORTER2.5); nitrate transporter chr1:4416403-4418335 FORWARD	27	1123	41.7
Brapa_ESTC028197	no_hits_found	-----	301	12530	41.7
Brapa_ESTC050826	no_hits_found	-----	129	5352	41.5
Brapa_ESTC050984	no_hits_found	-----	309	12454	40.4
Brapa_ESTC023614	AT5G04430.2	Symbols: KH domain-containing protein NOVA, putative chr5:1250603-1253524 REVERSE	25	1008	40.1
Brapa_ESTC002505	no_hits_found	-----	192	7705	40.1

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC028611	AT5G46630.2	Symbols: clathrin adaptor complexes medium subunit family protein chr5:18937807-18940287 FORWARD	88	3473	39.6
Brapa_ESTC010199	AT5G58710.1	Symbols: ROC7 ROC7 (rotamase CyP 7); peptidyl-prolyl cis-trans isomerase chr5:23735066-23736721 FORWARD	340	13254	39.0
Brapa_ESTC045866	no_hits_found	-----	33	1269	38.9
Brapa_ESTC005341	AT4G36390.1	Symbols: radical SAM domain-containing protein / TRAM domain-containing protein chr4:17194749-17197057 REVERSE	135	5216	38.6
Brapa_ESTC048865	AT2G37220.1	Symbols: 29 kDa ribonucleoprotein, chloroplast, putative / RNA-binding protein cp29, putative chr2:15642059-15643410 REVERSE	189	7271	38.5
Brapa_ESTC047310	no_hits_found	-----	361	13829	38.3
Brapa_ESTC008435	AT5G64170.2	Symbols: dentin sialophosphoprotein-related chr5:25690130-25693160 REVERSE	114	4354	38.1
Brapa_ESTC049461	AT2G34840.1	Symbols: coatomer protein epsilon subunit family protein / COPE family protein chr2:14709682-14711244 FORWARD	210	7994	38.0
Brapa_ESTC027712	no_hits_found	-----	456	17261	37.9
Brapa_ESTC004766	AT1G66720.1	Symbols: S-adenosyl-L-methionine:carboxyl methyltransferase family protein chr1:24884899-24886143 FORWARD	62	2360	37.8
Brapa_ESTC051277	no_hits_found	-----	254	9509	37.4
Brapa_ESTC043736	AT1G15190.1	Symbols: Identical to Fasciclin-like arabinogalactan protein 19 precursor (FLA19) [Arabidopsis Thaliana] (GB:Q5Q0H2;GB:Q9XI50); similar to FLA21 (FASCICLIN-LIKE	53	1971	37.3
Brapa_ESTC024827	AT5G47110	Chlorophyll A-B binding family protein	90	3355	37.3
Brapa_ESTC051084	no_hits_found	-----	139	5154	37.1
Brapa_ESTC026819	AT1G29720.1	Symbols: protein kinase family protein chr1:10393880-10395067 REVERSE	191	7056	37.0
Brapa_ESTC049621	no_hits_found	-----	431	15908	36.9

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC003352	AT4G10265.1	Symbols: wound-responsive protein, putative chr4:6373222-6373473 REVERSE	107	3940	36.7
Brapa_ESTC051353	AT3G52490.1	Symbols: heat shock protein-related chr3:19466828-19469699 REVERSE	29	1061	36.4
Brapa_ESTC025191	no_hits_found	-----	95	3455	36.4
Brapa_ESTC019028	AT2G23530.1	Symbols: similar to protein binding / zinc ion binding [Arabidopsis thaliana] (TAIR:AT4G37110.1); similar to Os11g0568300 [Oryza sativa (japonica cultivar-group)]	98	3560	36.2
Brapa_ESTC011356	AT3G22300.1	Symbols: RPS10 RPS10 (RIBOSOMAL PROTEIN S10); structural constituent of ribosome chr3:7885744-7886620 FORWARD	130	4650	35.9
Brapa_ESTC023121	AT3G57240.1	Symbols: BG3 BG3 (BETA-1,3-GLUCANASE 3); hydrolase, hydrolyzing O-glycosyl compounds chr3:21192895-21194024 REVERSE	309	11026	35.7
Brapa_ESTC014518	AT3G26380.1	Symbols: glycosyl hydrolase family protein 27 / alpha-galactosidase family protein / melibiase family protein chr3:9661377-9664382 FORWARD	170	5995	35.3
Brapa_ESTC029917	AT3G25860.1	Symbols: PLE2, LTA2 LTA2 (PLASTID E2 SUBUNIT OF PYRUVATE DECARBOXYLASE); dihydrolipoyllsine-residue acetyltransferase chr3:9461869-9463822	177	6254	35.3
Brapa_ESTC021034	AT3G02070.1	Symbols: OTU-like cysteine protease family protein chr3:361375-363139 FORWARD	193	6740	34.9
Brapa_ESTC048658	no_hits_found	-----	452	15741	34.8
Brapa_ESTC004964	no_hits_found	-----	75	2623	34.8
Brapa_ESTC048583	no_hits_found	-----	135	4678	34.6
Brapa_ESTC006393	no_hits_found	-----	230	7932	34.5
Brapa_ESTC051895	no_hits_found	-----	103	3559	34.5
Brapa_ESTC023557	AT3G54300.2	Symbols: VAMP727, ATVAMP727 ATVAMP727 (Arabidopsis thaliana vesicle-associated membrane protein 727) chr3:20119333-20121105 REVERSE	60	2052	34.5
Brapa_ESTC044970	no_hits_found	-----	98	3356	34.4

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC022800	AT3G55010.2	Symbols: ATPURM, PUR5 phosphoribosylformylglycinamide cyclo-ligase, chloroplast / phosphoribosyl-aminoimidazole synthetase / AIR synthase (PUR5) chr3:20397795-	64	2169	34.1
Brapa_ESTC035256	no_hits_found	-----	80	2707	33.9
Brapa_ESTC041122	AT3G44870.1	Symbols: S-adenosyl-L-methionine:carboxyl methyltransferase family protein chr3:16393262-16394590 FORWARD	175	5915	33.9
Brapa_ESTC049462	AT2G34840.1	Symbols: coatomer protein epsilon subunit family protein / COPE family protein chr2:14709682-14711244 FORWARD	234	7887	33.8
Brapa_ESTC024927	no_hits_found	-----	54	1810	33.5
Brapa_ESTC030302	no_hits_found	-----	64	2129	33.5
Brapa_ESTC015209	AT5G55130.1	Symbols: SIR1, CNX5 CNX5 (SIRTINOL RESISTANT 1); Mo-molybdopterin cofactor sulfurase chr5:22390600-22393254 REVERSE	70	2353	33.4
Brapa_ESTC051021	no_hits_found	-----	64	2149	33.4
Brapa_ESTC050305	no_hits_found	-----	35	1178	33.3
Brapa_ESTC051310	no_hits_found	-----	179	5936	33.2
Brapa_ESTC042137	AT2G46970.1	Symbols: PIL1 PIL1 (PHYTOCHROME INTERACTING FACTOR 3-LIKE 1); transcription factor chr2:19302686-19304747 REVERSE	108	3570	33.1
Brapa_ESTC014183	AT5G24530.1	Symbols: oxidoreductase, 2OG-Fe(II) oxygenase family protein chr5:8378967-8383157 FORWARD	406	13436	33.1
Brapa_ESTC004118	no_hits_found	-----	161	5280	32.8
Brapa_ESTC049836	no_hits_found	-----	226	7398	32.7
Brapa_ESTC051189	AT1G79470.1	Symbols: inosine-5'-monophosphate dehydrogenase chr1:29899665-29901554 REVERSE	77	2501	32.3
Brapa_ESTC036735	no_hits_found	-----	96	3110	32.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC015161	AT3G04120.1	Symbols: GAPC-1, GAPC GAPC (GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE C SUBUNIT); glyceraldehyde-3-phosphate dehydrogenase	281	9021	32.1
Brapa_ESTC021044	AT4G26430.1	Symbols: CSN6B CSN6B (COP9 signalosome subunit 6B) chr4:13355237-13357334 FORWARD	43	1378	32.1
Brapa_ESTC050862	AT2G42780.1	Symbols: similar to Os08g0169600 [Oryza sativa (japonica cultivar-group)] (GB:NP_001061087.1); similar to predicted protein [Coprinopsis cinerea okayama7#130]	49	1577	32.1
Brapa_ESTC048861	no_hits_found	-----	457	14640	32.1
Brapa_ESTC011539	AT1G32200.2	Symbols: ACT1, ATS1 ATS1 (ACYLTRANSFERASE 1) chr1:11602203-11604981 REVERSE	360	11446	31.8
Brapa_ESTC025245	AT3G18130.1	Symbols: guanine nucleotide-binding family protein / activated protein kinase C receptor (RACK1) chr3:6211115-6212377 REVERSE	45	1428	31.8
Brapa_ESTC044001	AT5G36001.1	Symbols: similar to zinc finger (C3HC4-type RING finger) family protein [Arabidopsis thaliana] (TAIR:AT2G46495.1); similar to unnamed protein product; gb AAF25996.1	216	6850	31.7
Brapa_ESTC011708	AT5G01600.1	Symbols: ATFER1 ATFER1 (ferretin 1); ferric iron binding chr5:228146-229591 REVERSE	491	15543	31.6
Brapa_ESTC012710	AT4G22220.1	Symbols: ATISU1, ISU1 ISU1 (Iron-sulfur cluster assembly complex protein) chr4:11759456-11760893 REVERSE	247	7789	31.5
Brapa_ESTC029234	AT5G66730.1	Symbols: zinc finger (C2H2 type) family protein chr5:26659140-26661109 REVERSE	104	3269	31.4
Brapa_ESTC047874	no_hits_found	-----	193	6057	31.4
Brapa_ESTC011004	AT3G07670.1	Symbols: SET domain-containing protein chr3:2451657-2454623 FORWARD	243	7604	31.3
Brapa_ESTC049925	no_hits_found	-----	235	7368	31.3
Brapa_ESTC038331	no_hits_found	-----	62	1955	31.3
Brapa_ESTC023389	AT2G14920.1	Symbols: sulfotransferase family protein chr2:6425281-6426318 FORWARD	283	8821	31.2
Brapa_ESTC000176	no_hits_found	-----	319	9924	31.1

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC050532	AT3G02470.3	Symbols: SAMDC SAMDC (S-ADENOSYLMETHIONINE DECARBOXYLASE) chr3:510230-511330 FORWARD	134	4159	31.0
Brapa_ESTC002291	no_hits_found	-----	287	8904	31.0
Brapa_ESTC047271	no_hits_found	-----	267	8275	30.9
Brapa_ESTC048874	no_hits_found	-----	443	13690	30.9
Brapa_ESTC048397	AT2G21410.1	Symbols: (VACUOLAR PROTON ATPASE A2); ATPase chr2:9169783-9175221 FORWARD	137	4184	30.6
Brapa_ESTC051086	no_hits_found	-----	87	2656	30.6
Brapa_ESTC005049	no_hits_found	-----	35	1078	30.4
Brapa_ESTC049657	AT4G23190.1	Symbols: AT-RLK3, CRK11 CRK11 (CYSTEINE-RICH RLK11); kinase chr4:12141208-12143721 REVERSE	124	3745	30.1
Brapa_ESTC051512	AT4G17900.1	Symbols: zinc-binding family protein chr4:9946059-9947710 FORWARD	122	3638	29.9
Brapa_ESTC021813	AT5G04940.2	Symbols: SUVH1 SUVH1 (SU(VAR)3-9 HOMOLOG 1) chr5:1454617-1456629 REVERSE	245	7256	29.6
Brapa_ESTC002401	AT4G23680.1	Symbols: major latex protein-related / MLP-related chr4:12336426-12337427 REVERSE	50	1482	29.6
Brapa_ESTC048992	no_hits_found	-----	476	13949	29.3
Brapa_ESTC012224	AT4G01910.1	Symbols: DC1 domain-containing protein chr4:824730-826685 REVERSE	146	4255	29.2
Brapa_ESTC004688	AT3G05300.1	Symbols: cytidine/deoxycytidylate deaminase family protein chr3:1508030-1508493 REVERSE	91	2637	29.1
Brapa_ESTC014678	AT1G63000.1	Symbols: NRS/ER NRS/ER (NUCLEOTIDE-RHAMNOSE SYNTHASE/EPIMERASE-REDUCTASE) chr1:23346175-23347524 FORWARD	99	2870	29.0
Brapa_ESTC004133	AT2G28430.1	Symbols: similar to unknown [Hyacinthus orientalis] (GB:AAT08697.1) chr2:12166813-12167464 REVERSE	134	3868	28.9

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC000756	no_hits_found	-----	77	2187	28.5
Brapa_ESTC021309	AT5G05870.1	Symbols: UGT76C1 UGT76C1 (UDP-GLUCOSYL TRANSFERASE 76C1); UDP-glycosyltransferase/ transferase, transferring glycosyl groups chr5:1767684-1769178	243	6928	28.5
Brapa_ESTC043109	AT3G17690.1	Symbols: CNGC19, ATCNGC19 ATCNGC19 (cyclic nucleotide gated channel 19); calmodulin binding / cyclic nucleotide binding / ion channel chr3:6045388-6048345	46	1299	28.5
Brapa_ESTC015942	AT5G45250.1	Symbols: RPS4 RPS4 (RESISTANT TO P. SYRINGAE 4) chr5:18339141-18343249 REVERSE	43	1213	28.5
Brapa_ESTC014725	no_hits_found	-----	422	12033	28.5
Brapa_ESTC016533	AT5G10140.1	Symbols: FLF, AGL25, FLC FLC (FLOWERING LOCUS C); transcription factor chr5:3173725-3179340 REVERSE	53	1504	28.3
Brapa_ESTC049093	AT5G44720.1	Symbols: molybdenum cofactor sulfurase family protein chr5:18060313-18062502 FORWARD	63	1765	28.2
Brapa_ESTC003714	no_hits_found	-----	67	1878	28.2
Brapa_ESTC051421	no_hits_found	-----	92	2580	28.1
Brapa_ESTC011731	AT1G54050.1	Symbols: 17.4 kDa class III heat shock protein (HSP17.4-CIII) chr1:20183226-20183790 REVERSE	278	7810	28.1
Brapa_ESTC017582	no_hits_found	-----	212	5935	28.0
Brapa_ESTC002157	AT1G54850.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G54840.1); similar to heat shock protein-like protein [Cucumis melo] (GB:AAO45756.1); contains InterPro	125	3490	27.8
Brapa_ESTC001944	AT5G02580.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G55240.1); similar to Os03g0280400 [Oryza sativa (japonica cultivar-group)] (GB:NP_001049737.1); similar to	126	3493	27.7
Brapa_ESTC050918	no_hits_found	-----	63	1745	27.7
Brapa_ESTC030133	no_hits_found	-----	321	8861	27.6
Brapa_ESTC010391	no_hits_found	-----	261	7170	27.5

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC026152	no_hits_found	-----	37	1018	27.4
Brapa_ESTC042671	AT3G06035.1	Symbols: Identical to Putative GPI-anchored protein At3g06035 precursor [Arabidopsis Thaliana] (GB:Q84MC0;GB:Q8H7F7;GB:Q8L9J0); similar to unknown protein [Arabidopsis	39	1061	27.4
Brapa_ESTC050967	no_hits_found	-----	189	5105	27.1
Brapa_ESTC031407	no_hits_found	-----	500	13542	27.1
Brapa_ESTC051354	AT3G52490.1	Symbols: heat shock protein-related chr3:19466828-19469699 REVERSE	116	3132	27.0
Brapa_ESTC048671	no_hits_found	-----	364	9839	27.0
Brapa_ESTC016195	no_hits_found	-----	175	4726	27.0
Brapa_ESTC029227	no_hits_found	-----	67	1810	26.8
Brapa_ESTC051587	no_hits_found	-----	124	3316	26.8
Brapa_ESTC049700	no_hits_found	-----	42	1113	26.5
Brapa_ESTC014793	AT5G45220.1	Symbols: Toll-Interleukin-Resistance (TIR) domain-containing protein chr5:18316153-18318296 REVERSE	161	4255	26.5
Brapa_ESTC016998	AT5G45250.1	Symbols: RPS4 RPS4 (RESISTANT TO P. SYRINGAE 4) chr5:18339141-18343249 REVERSE	51	1334	26.4
Brapa_ESTC017446	no_hits_found	-----	179	4693	26.3
Brapa_ESTC049801	no_hits_found	-----	106	2769	26.2
Brapa_ESTC034375	no_hits_found	-----	167	4345	26.1
Brapa_ESTC048887	AT4G14740.3	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G22810.1); similar to Protein of unknown function DUF828, plant [Medicago truncatula] (GB:ABE80297.1);	136	3530	26.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC008992	AT4G30810.1	Symbols: SCPL29 SCPL29 (serine carboxypeptidase-like 29); serine carboxypeptidase chr4:15003480-15006023 FORWARD	441	11411	25.9
Brapa_ESTC002030	no_hits_found	-----	496	12847	25.9
Brapa_ESTC002608	AT4G25630.1	Symbols: ATFIB2, FIB2 FIB2 (FIBRILLARIN 2) chr4:13074248-13076214 FORWARD	426	11006	25.8
Brapa_ESTC035812	AT5G23480.1	Symbols: similar to SWIB complex BAF60b domain-containing protein / plus-3 domain-containing protein / GYF domain-containing protein [Arabidopsis thaliana]	130	3362	25.8
Brapa_ESTC048269	no_hits_found	-----	210	5375	25.6
Brapa_ESTC034199	no_hits_found	-----	196	5000	25.6
Brapa_ESTC007425	AT4G22330.1	Symbols: ATCES1 ATCES1 (ATCES1); catalytic chr4:11798495-11799561 FORWARD	134	3400	25.4
Brapa_ESTC051595	AT5G66120.2	Symbols: 3-dehydroquinase synthase, putative chr5:26448742-26450875 REVERSE	184	4672	25.4
Brapa_ESTC003264	AT1G76680.1	Symbols: OPR1 OPR1 (12-oxophytodienoate reductase 1); 12-oxophytodienoate reductase chr1:28781876-28783165 FORWARD	384	9717	25.3
Brapa_ESTC012965	AT2G44050.1	Symbols: COS1 COS1 (COI1 SUPPRESSOR1); 6,7-dimethyl-8-ribityllumazine synthase chr2:18231380-18232993 FORWARD	368	9283	25.2
Brapa_ESTC003475	AT1G03430.1	Symbols: AHP5 AHP5 (HISTIDINE-CONTAINING PHOSPHOTRANSFER FACTOR 5); histidine phosphotransfer kinase chr1:848158-849234 FORWARD	369	9304	25.2
Brapa_ESTC005651	AT5G63880.1	Symbols: SNF7 family protein chr5:25581116-25582484 FORWARD	80	2016	25.1
Brapa_ESTC026387	no_hits_found	-----	228	5679	24.9
Brapa_ESTC009225	AT3G02340.1	Symbols: zinc finger (C3HC4-type RING finger) family protein chr3:477039-478268 FORWARD	117	2877	24.6
Brapa_ESTC030218	AT2G02710.1	Symbols: PAC motif-containing protein chr2:758811-760607 REVERSE	65	1588	24.5
Brapa_ESTC001320	AT2G22330.1	Symbols: CYP79B3 CYP79B3 (cytochrome P450, family 79, subfamily B, polypeptide 3); oxygen binding chr2:9495681-9498063 FORWARD	54	1317	24.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC020634	AT1G06460.1	Symbols: ACD31.2, ACD32.1 ACD32.1 (ALPHA-CRYSTALLIN DOMAIN 31.2) chr1:1967307-1969413 REVERSE	402	9762	24.3
Brapa_ESTC010670	AT2G20870.1	Symbols: cell wall protein precursor, putative chr2:8989320-8989742 REVERSE	125	3001	24.0
Brapa_ESTC025464	AT3G10260.3	Symbols: reticulon family protein chr3:3171418-3172573 REVERSE	91	2165	23.8
Brapa_ESTC001292	AT4G33000.2	Symbols: ATCBL10, CBL10 CBL10 (calcineurin B-like protein 10); calcium ion binding chr4:15924824-15926401 FORWARD	264	6289	23.8
Brapa_ESTC007267	AT3G55770.5	Symbols: zinc ion binding chr3:20714778-20716094 FORWARD	42	1001	23.6
Brapa_ESTC031570	no_hits_found	-----	49	1150	23.5
Brapa_ESTC051699	no_hits_found	-----	78	1826	23.4
Brapa_ESTC005526	AT5G60100.1	Symbols: PRR3, APRR3 APRR3 (PSEUDO-RESPONSE REGULATOR 3); transcription regulator chr5:24215441-24217728 REVERSE	169	3926	23.3
Brapa_ESTC008920	AT1G53350.1	Symbols: disease resistance protein (CC-NBS-LRR class), putative chr1:19907567-19910580 FORWARD	306	7096	23.2
Brapa_ESTC026471	no_hits_found	-----	467	10768	23.0
Brapa_ESTC051750	no_hits_found	-----	55	1271	23.0
Brapa_ESTC028472	AT1G07990.1	Symbols: SIT4 phosphatase-associated family protein chr1:2477410-2482895 FORWARD	120	2753	23.0
Brapa_ESTC004420	no_hits_found	-----	88	2017	22.9
Brapa_ESTC047730	no_hits_found	-----	195	4365	22.3
Brapa_ESTC018189	no_hits_found	-----	87	1936	22.3
Brapa_ESTC014294	AT4G17570.1	Symbols: zinc finger (GATA type) family protein chr4:9784342-9786987 REVERSE	139	3063	22.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC004746	AT4G23760.1	Symbols: unknown protein chr4:12379384-12382826 FORWARD	199	4333	21.8
Brapa_ESTC042601	no_hits_found	-----	53	1161	21.7
Brapa_ESTC048354	AT4G16420.1	Symbols: PRZ1, ADA2B ADA2B (PROPORZ1); DNA binding / transcription factor chr4:9262828-9265798 REVERSE	47	1030	21.7
Brapa_ESTC035433	no_hits_found	-----	106	2298	21.7
Brapa_ESTC013135	AT5G65070.1	Symbols: FCL4, MAF4 MAF4 (MADS AFFECTING FLOWERING 4); transcription factor chr5:26009536-26013156 FORWARD	393	8499	21.6
Brapa_ESTC016135	AT1G48870.1	Symbols: WD-40 repeat family protein chr1:18075993-18078125 REVERSE	409	8717	21.3
Brapa_ESTC043748	AT3G06290.1	Symbols: similar to SAC3/GANP family protein [Arabidopsis thaliana] (TAIR:AT3G54380.1); similar to Nuclear protein export factor (ISS) [Ostreococcus tauri]	116	2466	21.3
Brapa_ESTC048500	no_hits_found	-----	239	5071	21.3
Brapa_ESTC040366	no_hits_found	-----	407	8629	21.2
Brapa_ESTC025422	AT1G30820.1	Symbols: CTP synthase, putative / UTP--ammonia ligase, putative chr1:10945232-10948806 REVERSE	160	3370	21.1
Brapa_ESTC005564	AT5G16400.1	Symbols: TRXF2, ATF2 ATF2/TRXF2 (THIOREDOXIN F2); thiol-disulfide exchange intermediate chr5:5363908-5365252 REVERSE	324	6764	20.9
Brapa_ESTC019202	AT4G27350.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G54240.1); similar to membrane lipoprotein lipid attachment site-containing protein -like [Oryza sativa (japonica)	213	4449	20.8
Brapa_ESTC001698	AT3G04460.1	Symbols: PEX12, ATPEX12, APM4 APM4/ATPEX12/PEX12 (PEROXIN-12) chr3:1186647-1189100 FORWARD	105	2194	20.8
Brapa_ESTC026288	AT4G10320.1	Symbols: isoleucyl-tRNA synthetase, putative / isoleucine--tRNA ligase, putative chr4:6397522-6404505 REVERSE	399	8312	20.8
Brapa_ESTC004868	AT1G13250.1	Symbols: GATL3 GATL3 (Galacturonosyltransferase-like 3); polygalacturonate 4-alpha-galacturonosyltransferase/ transferase, transferring glycosyl groups / transferase, transferring	369	7649	20.7
Brapa_ESTC038910	AT3G59210.1	Symbols: F-box family protein chr3:21900919-21902530 FORWARD	94	1937	20.6

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC003390	AT3G12030.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G06660.1); similar to fiber protein Fb27 [Gossypium barbadense] (GB:AAQ84318.1); contains InterPro domain	212	4360	20.6
Brapa_ESTC027036	AT2G29670.1	Symbols: binding chr2:12689386-12691822 REVERSE	155	3184	20.6
Brapa_ESTC041005	AT2G18193.1	Symbols: AAA-type ATPase family protein chr2:7924703-7926266 REVERSE	120	2468	20.5
Brapa_ESTC049015	AT3G51830.1	Symbols: ATG5 ATG5 (G5p-related protein); phosphoinositide 5-phosphatase chr3:19231214-19236069 FORWARD	260	5306	20.4
Brapa_ESTC031468	no_hits_found	-----	471	9591	20.4
Brapa_ESTC028678	no_hits_found	-----	155	3148	20.3
Brapa_ESTC048398	AT2G21410.1	Symbols: (VACUOLAR PROTON ATPASE A2); ATPase chr2:9169783-9175221 FORWARD	182	3676	20.2
Brapa_ESTC032631	no_hits_found	-----	374	7561	20.2
Brapa_ESTC050906	no_hits_found	-----	131	2644	20.2
Brapa_ESTC029176	no_hits_found	-----	307	6190	20.1
Brapa_ESTC001658	no_hits_found	-----	423	8475	20.0
Brapa_ESTC026146	AT2G34500.1	Symbols: CYP710A1 CYP710A1 (cytochrome P450, family 710, subfamily A, polypeptide 1); C-22 sterol desaturase/ oxygen binding chr2:14546791-14548278 REVERSE	245	4861	19.8
Brapa_ESTC005598	AT1G02310.1	Symbols: glycosyl hydrolase family protein 5 / cellulase family protein / (1-4)-beta-mannan endohydrolase, putative chr1:458243-460652 REVERSE	99	1960	19.8
Brapa_ESTC014074	AT3G13680.1	Symbols: F-box family protein chr3:4477541-4478728 REVERSE	260	5137	19.7
Brapa_ESTC051365	AT5G44635.1	Symbols: minichromosome maintenance family protein / MCM family protein chr5:18023658-18027769 REVERSE	70	1389	19.7
Brapa_ESTC049514	no_hits_found	-----	116	2280	19.7

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049247	no_hits_found	-----	188	3680	19.5
Brapa_ESTC029479	no_hits_found	-----	301	5830	19.4
Brapa_ESTC023022	AT5G64000.1	Symbols: ATSAL2, SAL2 SAL2; 3'(2'),5'-bisphosphate nucleotidase/ inositol or phosphatidylinositol phosphatase chr5:25633890-25635704 FORWARD	132	2567	19.4
Brapa_ESTC001803	AT5G09330.3	Symbols: ANAC082 ANAC082 (Arabidopsis NAC domain containing protein 82) chr5:2892624-2894709 REVERSE	273	5286	19.3
Brapa_ESTC035003	AT1G15940.1	Symbols: similar to binding [Arabidopsis thaliana] (TAIR:AT1G80810.1); similar to Tudor [Medicago truncatula] (GB:ABE86625.1); contains domain ARM repeat (SSF48371);	328	6279	19.1
Brapa_ESTC007301	AT3G30280.1	Symbols: transferase family protein chr3:11916845-11918176 FORWARD	135	2572	19.1
Brapa_ESTC036410	AT4G30240.1	Symbols: similar to syntaxin family protein [Arabidopsis thaliana] (TAIR:AT2G18860.1); similar to t-snare [Medicago truncatula] (GB:ABD33270.1); contains InterPro domain t-	137	2617	19.0
Brapa_ESTC051922	no_hits_found	-----	407	7691	18.9
Brapa_ESTC012557	AT4G15400.1	Symbols: transferase family protein chr4:8812121-8813428 REVERSE	114	2134	18.7
Brapa_ESTC031548	AT5G64220.2	Symbols: calmodulin binding chr5:25703660-25709129 FORWARD	67	1260	18.7
Brapa_ESTC025823	no_hits_found	-----	114	2118	18.7
Brapa_ESTC048823	no_hits_found	-----	416	7751	18.6
Brapa_ESTC002735	AT3G47480.1	Symbols: calcium-binding EF hand family protein chr3:17507339-17507890 REVERSE	62	1146	18.5
Brapa_ESTC051029	AT1G49950.1	Symbols: ATTRB1, TRB1 ATTRB1/TRB1 (TELOMERE REPEAT BINDING FACTOR 1); DNA binding / transcription factor chr1:18498107-18500381 REVERSE	270	4988	18.5
Brapa_ESTC036360	no_hits_found	-----	107	1961	18.3
Brapa_ESTC051219	no_hits_found	-----	103	1884	18.2

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049009	AT1G14430.1	Symbols: glyoxal oxidase-related chr1:4934354-4937016 FORWARD	392	7128	18.2
Brapa_ESTC011478	no_hits_found	-----	224	4054	18.1
Brapa_ESTC021972	no_hits_found	-----	95	1719	18.0
Brapa_ESTC049589	no_hits_found	-----	137	2467	18.0
Brapa_ESTC003338	AT4G02380.2	Symbols: ATLEA5, SAG21 SAG21 (SENESCENCE-ASSOCIATED GENE 21) chr4:1046414-1046746 REVERSE	123	2191	17.9
Brapa_ESTC011862	AT1G08720.1	Symbols: EDR1 EDR1 (ENHANCED DISEASE RESISTANCE 1); kinase/ protein threonine/tyrosine kinase chr1:2774092-2779080 FORWARD	414	7394	17.8
Brapa_ESTC034296	AT5G21160.1	Symbols: La domain-containing protein / proline-rich family protein chr5:7199194-7203882 REVERSE	178	3157	17.7
Brapa_ESTC051142	AT4G38630.1	Symbols: MCB1, MBP1, AT-MCB1 AT-MCB1 (MULTIUBIQUITIN CHAIN BINDING PROTEIN 1) chr4:18057351-18059453 REVERSE	192	3379	17.6
Brapa_ESTC007812	no_hits_found	-----	149	2619	17.6
Brapa_ESTC004408	no_hits_found	-----	174	3064	17.6
Brapa_ESTC040142	AT1G29230.1	Symbols: SnRK3.20, CIPK18 CIPK18 (CIPK18); kinase chr1:10214846-10216408 FORWARD	132	2306	17.5
Brapa_ESTC028271	AT1G71430.1	Symbols: similar to Os01g0617800 [Oryza sativa (japonica cultivar-group)] (GB:NP_001043585.1) chr1:26924226-26924720 FORWARD	80	1403	17.5
Brapa_ESTC029564	AT1G67870	glycine-rich protein	62	1066	17.3
Brapa_ESTC039493	AT1G10040.2	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G25770.1); similar to Putative serine esterase (DUF676), putative [Medicago truncatula] (GB:ABE90399.1);	101	1747	17.2
Brapa_ESTC048497	no_hits_found	-----	118	2021	17.1
Brapa_ESTC004388	AT2G28190.1	Symbols: CZSOD2, CSD2 CSD2 (COPPER/ZINC SUPEROXIDE DISMUTASE 2); copper, zinc superoxide dismutase chr2:12021625-12023380 FORWARD	480	8234	17.1

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC030987	AT4G12020.1	Symbols: ATWRKY19, WRKY19, MAPKKK11 WRKY19 (WRKY DNA-binding protein 19); transcription factor chr4:7201650-7208590 FORWARD	149	2540	17.1
Brapa_ESTC051910	no_hits_found	-----	105	1781	16.9
Brapa_ESTC006885	AT2G25737.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G36630.1); similar to unknown [Brassica napus] (GB:AAY63998.1); contains InterPro domain Protein of	375	6304	16.8
Brapa_ESTC050483	no_hits_found	-----	115	1913	16.6
Brapa_ESTC048395	no_hits_found	-----	384	6292	16.4
Brapa_ESTC042350	AT4G23190.1	Symbols: AT-RLK3, CRK11 CRK11 (CYSTEINE-RICH RLK11); kinase chr4:12141208-12143721 REVERSE	158	2571	16.3
Brapa_ESTC033236	AT1G30300.1	Symbols: similar to phosphonate metabolism protein-related [Arabidopsis thaliana] (TAIR:AT4G03610.1); similar to Os03g0643200 [Oryza sativa (japonica cultivar-group)]	229	3728	16.3
Brapa_ESTC051294	AT2G34840.1	Symbols: coatomer protein epsilon subunit family protein / COPE family protein chr2:14709682-14711244 FORWARD	500	8120	16.2
Brapa_ESTC027401	AT2G37770.2	Symbols: oxidoreductase chr2:15841966-15843737 FORWARD	238	3810	16.0
Brapa_ESTC051847	no_hits_found	-----	371	5933	16.0
Brapa_ESTC034686	no_hits_found	-----	111	1772	15.9
Brapa_ESTC036663	AT1G67930.1	Symbols: Golgi transport complex protein-related chr1:25477881-25480995 REVERSE	130	2057	15.8
Brapa_ESTC034941	AT5G08300.1	Symbols: succinyl-CoA ligase (GDP-forming) alpha-chain, mitochondrial, putative / succinyl-CoA synthetase, alpha chain, putative / SCS-alpha, putative chr5:2667580-	183	2894	15.8
Brapa_ESTC042602	AT3G05270.1	Symbols: similar to myosin heavy chain-related [Arabidopsis thaliana] (TAIR:AT1G77580.2); similar to Protein of unknown function DUF869, plant [Medicago	206	3253	15.8
Brapa_ESTC051836	no_hits_found	-----	253	3989	15.7
Brapa_ESTC051163	no_hits_found	-----	249	3851	15.5

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC048888	AT4G14740.3	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G22810.1); similar to Protein of unknown function DUF828, plant [Medicago truncatula] (GB:ABE80297.1);	138	2127	15.4
Brapa_ESTC007263	AT5G01350.1	Symbols: similar to Os04g0508100 [Oryza sativa (japonica cultivar-group)] (GB:NP_001053268.1) chr5:145864-146910 REVERSE	204	3145	15.4
Brapa_ESTC048960	no_hits_found	-----	177	2717	15.4
Brapa_ESTC015013	AT4G17700.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G02770.1); contains InterPro domain Protein of unknown function DUF626, Arabidopsis thaliana;	302	4647	15.4
Brapa_ESTC022618	AT3G62550.1	Symbols: universal stress protein (USP) family protein chr3:23147170-23148050 FORWARD	216	3302	15.3
Brapa_ESTC005084	AT3G53600.1	Symbols: zinc finger (C2H2 type) family protein chr3:19886510-19887037 FORWARD	138	2108	15.3
Brapa_ESTC051262	no_hits_found	-----	340	5170	15.2
Brapa_ESTC044355	no_hits_found	-----	121	1845	15.2
Brapa_ESTC027685	AT1G54050.1	Symbols: 17.4 kDa class III heat shock protein (HSP17.4-CIII) chr1:20183226-20183790 REVERSE	96	1446	15.1
Brapa_ESTC007795	AT1G22360.2	Symbols: UDP-glycosyltransferase chr1:7895057-7897516 REVERSE	290	4340	15.0
Brapa_ESTC042295	no_hits_found	-----	83	1230	14.8
Brapa_ESTC002367	no_hits_found	-----	198	2893	14.6
Brapa_ESTC008863	AT5G43730.1	Symbols: disease resistance protein (CC-NBS-LRR class), putative chr5:17577494-17580040 FORWARD	101	1478	14.6
Brapa_ESTC035678	AT4G15390.1	Symbols: transferase family protein chr4:8792941-8794281 REVERSE	164	2377	14.5
Brapa_ESTC048298	no_hits_found	-----	268	3888	14.5
Brapa_ESTC001826	AT1G66200.2	Symbols: ATGSR2 ATGSR2 (Arabidopsis thaliana glutamine synthase clone R2); glutamate-ammonia ligase chr1:24659215-24661183 REVERSE	114	1649	14.5

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC042045	AT2G38870.1	Symbols: protease inhibitor, putative chr2:16243624-16244128 REVERSE	173	2500	14.4
Brapa_ESTC000553	AT1G71730.1	Symbols: similar to late embryogenesis abundant protein [Picea glauca] (GB:AAB01563.1) chr1:26989960-26990493 REVERSE	71	1028	14.4
Brapa_ESTC003463	AT3G14210.1	Symbols: ESM1 ESM1 (EPITHIOSPECIFIER MODIFIER 1); carboxylic ester hydrolase chr3:4729893-4731569 FORWARD	338	4842	14.3
Brapa_ESTC017930	AT4G00893	unknown protein	82	1172	14.3
Brapa_ESTC038091	AT1G06310.1	Symbols: ACX6 ACX6 (ACYL-COA OXIDASE 6); acyl-CoA oxidase chr1:1926801-1930226 FORWARD	70	1005	14.3
Brapa_ESTC049010	AT1G14430.1	Symbols: glyoxal oxidase-related chr1:4934354-4937016 FORWARD	411	5874	14.3
Brapa_ESTC047006	no_hits_found	-----	184	2620	14.2
Brapa_ESTC050137	AT3G01090.2	Symbols: SnRK1.1, AKIN10 AKIN10 (Arabidopsis SNF1 kinase homolog 10, SNF1-RELATED PROTEIN KINASE 1.1); protein kinase chr3:31444-34150 REVERSE	356	5063	14.2
Brapa_ESTC049064	no_hits_found	-----	262	3662	14.0
Brapa_ESTC033523	AT3G58980	F-box family protein	121	1679	13.9
Brapa_ESTC020022	AT1G30300.1	Symbols: similar to phosphonate metabolism protein-related [Arabidopsis thaliana] (TAIR:AT4G03610.1); similar to Os03g0643200 [Oryza sativa (japonica cultivar-group)]	202	2813	13.9
Brapa_ESTC012473	AT3G27570.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G40510.1); similar to Clostridium pasteurianum ferredoxin homolog [Solanum tuberosum] (GB:AAB33256.1);	208	2894	13.9
Brapa_ESTC048950	no_hits_found	-----	450	6112	13.6
Brapa_ESTC033053	no_hits_found	-----	487	6591	13.5
Brapa_ESTC006654	AT1G21860.1	Symbols: SKS7 SKS7 (SKU5 Similar 7); copper ion binding / oxidoreductase chr1:7671017-7674204 REVERSE	115	1560	13.5
Brapa_ESTC046983	no_hits_found	-----	348	4703	13.5

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC029304	no_hits_found	-----	305	4093	13.4
Brapa_ESTC030991	AT3G29577	gypsy-like retrotransposon family	453	6089	13.4
Brapa_ESTC037364	AT4G12020.1	Symbols: ATWRKY19, WRKY19, MAPKKK11 WRKY19 (WRKY DNA-binding protein 19); transcription factor chr4:7201650-7208590 FORWARD	397	5334	13.4
Brapa_ESTC048446	no_hits_found	-----	153	2041	13.3
Brapa_ESTC050043	no_hits_found	-----	438	5810	13.3
Brapa_ESTC049305	no_hits_found	-----	170	2250	13.2
Brapa_ESTC048270	no_hits_found	-----	315	4153	13.2
Brapa_ESTC028957	AT3G46613.1	Symbols: RTFL4, DVL15 DVL15/RTFL4 (ROTUNDIFOLIA LIKE 4) chr3:17176776-17177210 FORWARD	90	1172	13.1
Brapa_ESTC036759	no_hits_found	-----	294	3835	13.1
Brapa_ESTC035391	AT3G19280.1	Symbols: ATFUT11, FUCT1, FUCTA, FUT11 FUT11 (Fucosyltransferase 11); 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase/ fucosyltransferase/	191	2477	13.0
Brapa_ESTC006145	AT5G59820.1	Symbols: ZAT12, RHL41 RHL41 (RESPONSIVE TO HIGH LIGHT 41); nucleic acid binding / transcription factor/ zinc ion binding chr5:24120299-24120787 FORWARD	106	1379	13.0
Brapa_ESTC022767	AT5G48760.2	Symbols: 60S ribosomal protein L13A (RPL13aD) chr5:19788541-19789912 REVERSE	247	3205	13.0
Brapa_ESTC048779	AT1G12940.1	Symbols: ATNRT2.5 ATNRT2.5 (NITRATE TRANSPORTER2.5); nitrate transporter chr1:4416403-4418335 FORWARD	81	1045	12.9
Brapa_ESTC016896	AT1G32230.2	Symbols: CEO, ATP8, CEO1, RCD1 RCD1 (RADICAL-INDUCED CELL DEATH1) chr1:11613407-11615874 FORWARD	284	3668	12.9
Brapa_ESTC046879	no_hits_found	-----	84	1081	12.9
Brapa_ESTC035450	no_hits_found	-----	158	2038	12.9

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC048396	no_hits_found	-----	441	5656	12.8
Brapa_ESTC029222	AT3G14140.1	Symbols: oxidoreductase, 2OG-Fe(II) oxygenase family protein chr3:4688553-4690411 FORWARD	192	2443	12.7
Brapa_ESTC050625	AT3G55450.1	Symbols: protein kinase, putative chr3:20569106-20570940 FORWARD	226	2865	12.7
Brapa_ESTC004320	no_hits_found	-----	174	2154	12.4
Brapa_ESTC001172	AT4G31800.2	Symbols: WRKY18 WRKY18 (WRKY DNA-binding protein 18); transcription factor chr4:15383302-15384818 FORWARD	320	3971	12.4
Brapa_ESTC051358	no_hits_found	-----	150	1855	12.3
Brapa_ESTC051185	AT4G31040.1	Symbols: proton extrusion protein-related chr4:15111817-15113887 REVERSE	174	2139	12.3
Brapa_ESTC027360	AT4G05050.2	Symbols: UBQ11 UBQ11 (UBIQUITIN 11); protein binding chr4:2588269-2588958 REVERSE	280	3439	12.3
Brapa_ESTC032331	AT4G03570.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G03590.1); contains InterPro domain Arabidopsis thaliana cystatin-related protein; (InterPro:IPR006525)	250	3048	12.2
Brapa_ESTC034259	AT1G50030.1	Symbols: TOR TOR (TARGET OF RAPAMYCIN) chr1:18526294-18543287 REVERSE	212	2578	12.2
Brapa_ESTC000761	AT5G24290.1	Symbols: integral membrane family protein chr5:8263274-8265621 REVERSE	93	1129	12.1
Brapa_ESTC048493	no_hits_found	-----	102	1233	12.1
Brapa_ESTC000646	AT1G68990.1	Symbols: DNA-directed RNA polymerase, mitochondrial (RPOMT) chr1:25939162-25944418 REVERSE	331	3966	12.0
Brapa_ESTC006662	AT2G25440.1	Symbols: leucine-rich repeat family protein chr2:10833814-10836481 FORWARD	124	1484	12.0
Brapa_ESTC050129	AT1G80850.1	Symbols: methyladenine glycosylase family protein chr1:30390499-30392164 REVERSE	97	1152	11.9
Brapa_ESTC005100	AT1G52600.1	Symbols: signal peptidase, putative chr1:19594281-19596155 FORWARD	267	3161	11.8

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049000	no_hits_found	-----	317	3746	11.8
Brapa_ESTC029534	no_hits_found	-----	417	4881	11.7
Brapa_ESTC039437	no_hits_found	-----	362	4206	11.6
Brapa_ESTC009060	AT3G57260.1	Symbols: PR2, BG2, PR-2, BGL2 BGL2 (PATHOGENESIS-RELATED PROTEIN 2); glucan 1,3-beta-glucosidase/ hydrolase, hydrolyzing O-glycosyl compounds chr3:21199688-	474	5448	11.5
Brapa_ESTC040293	AT1G31140.1	Symbols: AGL63 AGL63 (AGAMOUS-LIKE 63); DNA binding / transcription factor chr1:11118012-11119654 FORWARD	206	2363	11.5
Brapa_ESTC048534	no_hits_found	-----	471	5395	11.5
Brapa_ESTC025704	AT2G23910.1	Symbols: cinnamoyl-CoA reductase-related chr2:10184982-10186869 FORWARD	186	2120	11.4
Brapa_ESTC007008	AT4G22690.1	Symbols: CYP706A1 CYP706A1 (cytochrome P450, family 706, subfamily A, polypeptide 1); oxygen binding chr4:11929858-11931531 FORWARD	161	1825	11.3
Brapa_ESTC032071	AT1G15210.1	Symbols: PDR7, ATPDR7 ATPDR7/PDR7 (PLEIOTROPIC DRUG RESISTANCE 7); ATPase, coupled to transmembrane movement of substances chr1:5231547-5236568	124	1396	11.3
Brapa_ESTC039443	no_hits_found	-----	208	2343	11.3
Brapa_ESTC034719	AT1G45191.2	Symbols: glycosyl hydrolase family 1 protein chr1:17118484-17121516 FORWARD	107	1197	11.2
Brapa_ESTC035912	no_hits_found	-----	102	1143	11.2
Brapa_ESTC015287	AT5G07980.1	Symbols: dentin sialophosphoprotein-related chr5:2549433-2554670 REVERSE	472	5245	11.1
Brapa_ESTC040006	AT1G24370.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G15310.1); similar to Os01g0180200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001042205.1); similar	208	2309	11.1
Brapa_ESTC015423	AT4G30210.2	Symbols: AR2, ATR2 ATR2 (ARABIDOPSIS P450 REDUCTASE 2) chr4:14796906-14800584 FORWARD	271	2986	11.0
Brapa_ESTC008010	AT3G27810.1	Symbols: AtMYB21, AtMYB3, MYB21, ATMYB21 ATMYB21 (MYB DOMAIN PROTEIN 21); DNA binding / transcription factor chr3:10308833-10311330 FORWARD	445	4910	11.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC028804	AT1G07705.2	Symbols: similar to VIP2 (VIRE2 INTERACTING PROTEIN2), transcription regulator [Arabidopsis thaliana] (TAIR:AT5G59710.1); similar to NOT2/NOT3/NOT5 [Medicago	99	1086	11.0
Brapa_ESTC036467	no_hits_found	-----	125	1367	11.0
Brapa_ESTC048773	no_hits_found	-----	205	2245	11.0
Brapa_ESTC005998	AT3G22942.1	Symbols: AGG2 AGG2 (G-PROTEIN GAMMA SUBUNIT 2) chr3:8134482-8135674 FORWARD	349	3805	10.9
Brapa_ESTC021454	AT3G02750.2	Symbols: protein phosphatase type 2C chr3:593608-595464 REVERSE	143	1559	10.9
Brapa_ESTC051788	AT3G49560.1	Symbols: mitochondrial import inner membrane translocase subunit Tim17/Tim22/Tim23 family protein chr3:18381629-18382806 FORWARD	122	1324	10.9
Brapa_ESTC004657	no_hits_found	-----	237	2571	10.8
Brapa_ESTC048776	AT5G56600.1	Symbols: PFN3, PRF3 PFN3/PRF3 (PROFILIN 3); actin binding chr5:22927108-22928047 REVERSE	318	3441	10.8
Brapa_ESTC050985	AT3G52990.2	Symbols: pyruvate kinase, putative chr3:19660314-19663215 FORWARD	302	3270	10.8
Brapa_ESTC027493	AT3G05930.1	Symbols: GLP8 GLP8 (GERMIN-LIKE PROTEIN 8); manganese ion binding / metal ion binding / nutrient reservoir chr3:1770383-1771189 FORWARD	389	4183	10.7
Brapa_ESTC049959	no_hits_found	-----	287	3071	10.7
Brapa_ESTC048332	no_hits_found	-----	481	5135	10.7
Brapa_ESTC051569	no_hits_found	-----	100	1067	10.7
Brapa_ESTC051180	no_hits_found	-----	98	1036	10.6
Brapa_ESTC006577	AT5G12960.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G12950.1); similar to Os06g0612900 [Oryza sativa (japonica cultivar-group)] (GB:NP_001058067.1); similar	190	2009	10.6
Brapa_ESTC047263	no_hits_found	-----	159	1667	10.5

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC007040	no_hits_found	-----	349	3658	10.5
Brapa_ESTC035681	AT4G03920	non-LTR retrotransposon family (LINE	420	4404	10.5
Brapa_ESTC001161	AT1G80130.1	Symbols: binding chr1:30146142-30147370 REVERSE	100	1037	10.4
Brapa_ESTC029571	AT1G29050.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G34070.1); similar to unknown [Pisum sativum] (GB:ABA29158.1); contains InterPro domain Protein of	319	3304	10.4
Brapa_ESTC029251	no_hits_found	-----	153	1583	10.4
Brapa_ESTC030749	no_hits_found	-----	125	1295	10.3
Brapa_ESTC043720	AT3G53600.1	Symbols: zinc finger (C2H2 type) family protein chr3:19886510-19887037 FORWARD	259	2677	10.3
Brapa_ESTC020661	AT1G75690.1	Symbols: chaperone protein dnaJ-related chr1:28425934-28426831 REVERSE	284	2932	10.3
Brapa_ESTC036504	AT1G61120.1	Symbols: terpene synthase/cyclase family protein chr1:22527354-22532263 FORWARD	180	1836	10.2
Brapa_ESTC031145	no_hits_found	-----	133	1351	10.2
Brapa_ESTC027595	no_hits_found	-----	301	3060	10.2
Brapa_ESTC048747	no_hits_found	-----	257	2596	10.1
Brapa_ESTC004864	AT5G22790.1	Symbols: similar to LCD1 (LOWER CELL DENSITY 1) [Arabidopsis thaliana] (TAIR:AT2G37860.3); similar to Os04g0524400 [Oryza sativa (japonica cultivar-group)]	480	4833	10.1
Brapa_ESTC051258	no_hits_found	-----	148	1490	10.0
Brapa_ESTC030674	AT5G15020.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G01320.1); similar to paired amphipathic helix repeat-containing protein [Arabidopsis thaliana]	139	1387	10.0
Brapa_ESTC045789	no_hits_found	-----	192	1917	10.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC035027	AT3G19280.1	Symbols: ATFUT11, FUCT1, FUCTA, FUT11 FUT11 (Fucosyltransferase 11); 4-galactosyl-N-acetylglucosaminide 3-alpha-L-fucosyltransferase/ fucosyltransferase/	152	1503	9.9
Brapa_ESTC017214	AT3G60470.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G44930.1); similar to Plant protein of unknown function [Medicago truncatula] (GB:ABE78531.1); contains	202	1995	9.9
Brapa_ESTC040175	AT1G29720.1	Symbols: protein kinase family protein chr1:10393880-10395067 REVERSE	279	2752	9.9
Brapa_ESTC037183	no_hits_found	-----	461	4551	9.9
Brapa_ESTC033353	no_hits_found	-----	344	3377	9.8
Brapa_ESTC036497	no_hits_found	-----	159	1558	9.8
Brapa_ESTC051856	AT4G01730.1	Symbols: zinc finger (DHHC type) family protein chr4:749922-752034 FORWARD	140	1362	9.8
Brapa_ESTC022709	AT1G69880.1	Symbols: ATH8 ATH8 (thioredoxin H-type 8); thiol-disulfide exchange intermediate chr1:26325203-26326457 FORWARD	461	4484	9.7
Brapa_ESTC036101	no_hits_found	-----	309	2999	9.7
Brapa_ESTC037070	no_hits_found	-----	475	4578	9.6
Brapa_ESTC034890	AT1G71380.1	Symbols: glycosyl hydrolase family 9 protein chr1:26903651-26905411 REVERSE	488	4708	9.6
Brapa_ESTC050626	AT3G55450.1	Symbols: protein kinase, putative chr3:20569106-20570940 FORWARD	277	2651	9.6
Brapa_ESTC006010	no_hits_found	-----	109	1038	9.5
Brapa_ESTC015866	AT1G47290.2	Symbols: AT3BETAHSD/D1 AT3BETAHSD/D1 (3BETA-HYDROXYSTEROID-DEHYDROGENASE/DECARBOXYLASE ISOFORM 1); 3-beta-hydroxy-delta5-steroid	460	4382	9.5
Brapa_ESTC020110	AT5G61170.1	Symbols: 40S ribosomal protein S19 (RPS19C) chr5:24628384-24629428 FORWARD	115	1091	9.5
Brapa_ESTC049699	no_hits_found	-----	252	2356	9.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC003285	no_hits_found	-----	351	3262	9.3
Brapa_ESTC028618	no_hits_found	-----	393	3642	9.3
Brapa_ESTC050172	no_hits_found	-----	278	2576	9.3
Brapa_ESTC051159	AT5G25880.1	Symbols: ATNADP-ME3 ATNADP-ME3 (NADP-MALIC ENZYME 3); malate dehydrogenase (oxaloacetate-decarboxylating) (NADP+)/ malic enzyme/ oxidoreductase,	488	4468	9.2
Brapa_ESTC051700	no_hits_found	-----	137	1248	9.1
Brapa_ESTC022251	AT3G61150.1	Symbols: HDG1 HDG1 (HOMEODOMAIN GLABROUS1); DNA binding / transcription factor chr3:22641744-22645850 FORWARD	201	1813	9.0
Brapa_ESTC051275	AT2G19540.1	Symbols: transducin family protein / WD-40 repeat family protein chr2:8468886-8471429 FORWARD	281	2527	9.0
Brapa_ESTC027741	no_hits_found	-----	327	2931	9.0
Brapa_ESTC051903	AT3G28920.1	Symbols: ATHB34 ATHB34 (ARABIDOPSIS THALIANA HOMEBOX PROTEIN 34); DNA binding / transcription factor chr3:10941835-10942773 REVERSE	418	3716	8.9
Brapa_ESTC034261	no_hits_found	-----	428	3805	8.9
Brapa_ESTC048466	no_hits_found	-----	139	1229	8.8
Brapa_ESTC039128	no_hits_found	-----	176	1548	8.8
Brapa_ESTC020816	AT2G20790.1	Symbols: similar to Adaptor complexes medium subunit family protein, expressed [<i>Oryza sativa</i> (japonica cultivar-group)] (GB:ABA99308.2); contains InterPro domain Clathrin	192	1675	8.7
Brapa_ESTC017955	no_hits_found	-----	248	2161	8.7
Brapa_ESTC036228	AT4G15400.1	Symbols: transferase family protein chr4:8812121-8813428 REVERSE	478	4154	8.7
Brapa_ESTC049581	no_hits_found	-----	214	1862	8.7

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC036703	no_hits_found	-----	122	1053	8.6
Brapa_ESTC049566	no_hits_found	-----	413	3552	8.6
Brapa_ESTC048666	no_hits_found	-----	343	2943	8.6
Brapa_ESTC030112	no_hits_found	-----	406	3469	8.6
Brapa_ESTC044115	no_hits_found	-----	296	2524	8.5
Brapa_ESTC039724	AT5G10520.1	Symbols: protein kinase family protein chr5:3320585-3322650 REVERSE	320	2723	8.5
Brapa_ESTC051251	AT4G33150.2	Symbols: LKR/SDH, LKR, SDH LKR (SACCHAROPINE DEHYDROGENASE) chr4:15985482-15991072 REVERSE	346	2931	8.5
Brapa_ESTC017642	AT3G25470.1	Symbols: bacterial hemolysin-related chr3:9234276-9236259 FORWARD	127	1072	8.5
Brapa_ESTC006700	AT3G52930.1	Symbols: fructose-bisphosphate aldolase, putative chr3:19638361-19639852 REVERSE	356	2977	8.4
Brapa_ESTC009957	AT5G57440.1	Symbols: GPP2, GS1 GS1 (GLYCEROL-3-PHOSPHATASE 2); hydrolase chr5:23288744-23290126 REVERSE	320	2675	8.3
Brapa_ESTC014974	AT1G32230.2	Symbols: CEO, ATP8, CEO1, RCD1 RCD1 (RADICAL-INDUCED CELL DEATH1) chr1:11613407-11615874 FORWARD	163	1357	8.3
Brapa_ESTC048469	no_hits_found	-----	159	1319	8.3
Brapa_ESTC005968	AT3G11100.1	Symbols: transcription factor chr3:3476496-3477326 REVERSE	361	2986	8.3
Brapa_ESTC051096	no_hits_found	-----	147	1210	8.2
Brapa_ESTC050340	no_hits_found	-----	359	2953	8.2
Brapa_ESTC025926	AT1G76430.1	Symbols: phosphate transporter family protein chr1:28684009-28686768 REVERSE	169	1381	8.2

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC049136	no_hits_found	-----	190	1549	8.2
Brapa_ESTC019378	AT5G04120.1	Symbols: phosphoglycerate/bisphosphoglycerate mutase family protein chr5:1120092-1121606 FORWARD	192	1568	8.2
Brapa_ESTC044616	AT4G29210	The gene encodes a gamma-glutamyltransferase	261	2126	8.1
Brapa_ESTC021657	AT1G20823.1	Symbols: zinc finger (C3HC4-type RING finger) family protein chr1:7238869-7239462 FORWARD	260	2100	8.1
Brapa_ESTC035030	AT3G55000.1	Symbols: TON1, TON1A TON1A (TONNEAU 1) chr3:20392589-20394554 FORWARD	252	2032	8.1
Brapa_ESTC001243	no_hits_found	-----	171	1378	8.1
Brapa_ESTC020712	AT5G07300.1	Symbols: BON2 BON2 (BONZAI 2) chr5:2299997-2303041 FORWARD	196	1572	8.0
Brapa_ESTC002080	AT2G30140.2	Symbols: UDP-glucuronosyl/UDP-glucosyl transferase family protein chr2:12879277-12880768 FORWARD	310	2479	8.0
Brapa_ESTC029890	AT5G18350.1	Symbols: disease resistance protein (TIR-NBS-LRR class), putative chr5:6074525-6078571 REVERSE	427	3389	7.9
Brapa_ESTC034336	no_hits_found	-----	194	1543	7.9
Brapa_ESTC029934	AT3G20340.1	Symbols: similar to unknown protein [Arabidopsis thaliana]	263	2079	7.9
Brapa_ESTC031397	no_hits_found	-----	336	2646	7.9
Brapa_ESTC036064	no_hits_found	-----	156	1229	7.9
Brapa_ESTC046535	no_hits_found	-----	136	1068	7.9
Brapa_ESTC048306	AT2G23380.1	Symbols: ICU1, CLF CLF (CURLY LEAF); transcription factor chr2:9962650-9967197 FORWARD	138	1075	7.8
Brapa_ESTC005314	AT3G25230.1	Symbols: ROF1 ROF1 (ROTAMASE FKBP 1); FK506 binding / calmodulin binding / peptidyl-prolyl cis-trans isomerase chr3:9189494-9192374 FORWARD	210	1631	7.8

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC016459	AT1G11840.5	Symbols: ATGLX1 ATGLX1 (GLYOXALASE I HOMOLOG); lactoylglutathione lyase chr1:3996044-3997289 FORWARD	349	2713	7.8
Brapa_ESTC047000	AT3G23900.2	Symbols: nucleic acid binding chr3:8632724-8635859 REVERSE	388	3002	7.7
Brapa_ESTC002855	AT1G11330.1	Symbols: S-locus lectin protein kinase family protein chr1:3810372-3813416 FORWARD	451	3476	7.7
Brapa_ESTC019261	AT2G21540.2	Symbols: phosphatidylinositol transporter chr2:9227911-9230817 REVERSE	150	1154	7.7
Brapa_ESTC048343	no_hits_found	-----	135	1032	7.6
Brapa_ESTC004662	AT5G41040.2	Symbols: transferase family protein chr5:16448810-16450314 FORWARD	306	2324	7.6
Brapa_ESTC042365	AT2G15000.5	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G34265.2) chr2:6488921-6489398 REVERSE	500	3772	7.5
Brapa_ESTC027249	AT5G14760.1	Symbols: AO AO (L-ASPARTATE OXIDASE); L-aspartate oxidase chr5:4769136-4772015 FORWARD	323	2437	7.5
Brapa_ESTC034976	AT5G60250.1	Symbols: zinc finger (C3HC4-type RING finger) family protein chr5:24269452-24271936 FORWARD	160	1206	7.5
Brapa_ESTC046985	AT4G34700.1	Symbols: complex 1 family protein / LVR family protein chr4:16556879-16558367 FORWARD	268	2000	7.5
Brapa_ESTC047779	AT1G73670.1	Symbols: ATMPK15 ATMPK15 (Arabidopsis thaliana MAP kinase	251	1870	7.5
Brapa_ESTC039079	AT2G29660.1	Symbols: zinc finger (C2H2 type) family protein chr2:12686423-12687544 FORWARD	492	3646	7.4
Brapa_ESTC048318	no_hits_found	-----	164	1210	7.4
Brapa_ESTC051053	no_hits_found	-----	208	1537	7.4
Brapa_ESTC019822	AT1G21900.1	Symbols: emp24/gp25L/p24 family protein chr1:7691154-7692316 REVERSE	289	2121	7.3
Brapa_ESTC040055	AT1G26680.1	Symbols: transcriptional factor B3 family protein chr1:9219539-9223180 FORWARD	384	2811	7.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC048875	no_hits_found	-----	455	3325	7.3
Brapa_ESTC033410	AT5G11210.1	Symbols: GLR2.5, ATGLR2.5 ATGLR2.5 (Arabidopsis thaliana glutamate receptor 2.5) chr5:3571215-3574538 REVERSE	212	1546	7.3
Brapa_ESTC034791	AT1G46552	copla-like retrotransposon family	196	1410	7.2
Brapa_ESTC006604	AT5G04120.1	Symbols: phosphoglycerate/bisphosphoglycerate mutase family protein chr5:1120092-1121606 FORWARD	249	1786	7.2
Brapa_ESTC051044	AT4G27585.1	Symbols: band 7 family protein chr4:13766990-13769838 REVERSE	178	1276	7.2
Brapa_ESTC050171	no_hits_found	-----	339	2424	7.2
Brapa_ESTC002627	no_hits_found	-----	259	1843	7.1
Brapa_ESTC016674	no_hits_found	-----	174	1236	7.1
Brapa_ESTC005256	AT2G30160.1	Symbols: mitochondrial substrate carrier family protein chr2:12885093-12886454 FORWARD	398	2827	7.1
Brapa_ESTC021435	AT1G71030.1	Symbols: ATMYBL2 ATMYBL2 (Arabidopsis myb-like 2); DNA binding / transcription factor chr1:26799045-26799888 REVERSE	249	1760	7.1
Brapa_ESTC028040	no_hits_found	-----	300	2101	7.0
Brapa_ESTC001153	no_hits_found	-----	342	2397	7.0
Brapa_ESTC046244	AT5G54780.1	Symbols: RAB GTPase activator chr5:22265922-22268918 REVERSE	203	1414	7.0
Brapa_ESTC027996	AT3G58670.2	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G42670.1); similar to OSJNBb0040D15.1 [Oryza sativa (japonica cultivar-group)] (GB:CAE04411.2); similar to	415	2894	7.0
Brapa_ESTC023103	AT4G11600.1	Symbols: PHGPX, LSC803, ATGPX6 ATGPX6 (GLUTATHIONE PEROXIDASE 6); glutathione peroxidase chr4:7010015-7011324 REVERSE	156	1086	6.9
Brapa_ESTC048419	no_hits_found	-----	401	2782	6.9

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC043102	AT3G15970.1	Symbols: Ran-binding protein 1 domain-containing protein / RanBP1 domain-containing protein chr3:5408988-5410385 REVERSE	184	1277	6.9
Brapa_ESTC020912	AT4G22756.1	Symbols: ATSMO1-2, ATSMO1, SMO1, SMO1-2 SMO1-2 (STEROL C4-METHYL OXIDASE); catalytic chr4:11955135-11956706 REVERSE	351	2426	6.9
Brapa_ESTC002535	AT2G41750.1	Symbols: DTW domain-containing protein chr2:17428824-17429585 REVERSE	290	2007	6.9
Brapa_ESTC050858	no_hits_found	-----	168	1159	6.9
Brapa_ESTC034718	AT4G22100.1	Symbols: glycosyl hydrolase family 1 protein chr4:11707382-11709944 REVERSE	168	1156	6.9
Brapa_ESTC041265	no_hits_found	-----	346	2380	6.9
Brapa_ESTC048868	no_hits_found	-----	461	3171	6.9
Brapa_ESTC026444	AT1G15320.1	Symbols: unknown protein chr1:5272463-5273694 REVERSE	379	2594	6.8
Brapa_ESTC034260	no_hits_found	-----	150	1021	6.8
Brapa_ESTC000935	AT5G18820.1	Symbols: EMB3007 EMB3007 (EMBRYO DEFECTIVE 3007); ATP binding / protein binding / unfolded protein binding chr5:6271551-6274155 FORWARD	202	1371	6.8
Brapa_ESTC048740	no_hits_found	-----	216	1467	6.8
Brapa_ESTC028007	AT3G26510.5	Symbols: octicosapeptide/Phox/Bem1p (PB1) domain-containing protein chr3:9713123-9713779 REVERSE	286	1917	6.7
Brapa_ESTC010078	AT4G27360.1	Symbols: dynein light chain, putative chr4:13694038-13694523 FORWARD	264	1768	6.7
Brapa_ESTC042076	no_hits_found	-----	187	1246	6.7
Brapa_ESTC022307	no_hits_found	-----	354	2345	6.6
Brapa_ESTC051523	no_hits_found	-----	340	2249	6.6

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC050599	AT5G57015.1	Symbols: CKL12 CKL12 (Casein Kinase I-like 12); casein kinase I/ kinase chr5:23088734-23091803 FORWARD	309	2039	6.6
Brapa_ESTC051196	AT3G12587	Oligosaccaryltransferase	187	1236	6.6
Brapa_ESTC032212	no_hits_found	-----	189	1244	6.6
Brapa_ESTC048834	no_hits_found	-----	415	2730	6.6
Brapa_ESTC047341	no_hits_found	-----	448	2940	6.6
Brapa_ESTC004849	AT2G37770.2	Symbols: oxidoreductase chr2:15841966-15843737 FORWARD	195	1276	6.6
Brapa_ESTC035739	AT3G18130.1	Symbols: guanine nucleotide-binding family protein / activated protein kinase C receptor (RACK1) chr3:6211115-6212377 REVERSE	294	1925	6.5
Brapa_ESTC040333	no_hits_found	-----	324	2109	6.5
Brapa_ESTC003707	no_hits_found	-----	243	1582	6.5
Brapa_ESTC020569	AT2G15970.1	Symbols: WCOR413, WCOR413-LIKE, ATCOR413-PM1, FL3-5A3, COR413-PM1 COR413-PM1 (cold regulated 413 plasma membrane 1) chr2:6957245-6958094	370	2381	6.4
Brapa_ESTC046926	no_hits_found	-----	213	1359	6.4
Brapa_ESTC049956	AT5G06300	Putative lysine decarboxylase family protein	383	2437	6.4
Brapa_ESTC037076	AT2G16980.2	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G16990.2); similar to Major facilitator superfamily MFS_1 [Medicago truncatula] (GB:ABE80432.1); contains	216	1374	6.4
Brapa_ESTC006296	AT3G23560.1	Symbols: ALF5 ALF5 (ABERRANT LATERAL ROOT FORMATION 5); antiporter/ transporter chr3:8454368-8456595 REVERSE	488	3078	6.3
Brapa_ESTC033329	no_hits_found	-----	221	1391	6.3
Brapa_ESTC014613	no_hits_found	-----	271	1699	6.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC048746	no_hits_found	-----	333	2082	6.2
Brapa_ESTC051169	no_hits_found	-----	329	2040	6.2
Brapa_ESTC004176	no_hits_found	-----	201	1237	6.2
Brapa_ESTC049580	no_hits_found	-----	191	1165	6.1
Brapa_ESTC020192	AT3G21000.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G20980.1); similar to putative polyprotein [Oryza sativa (japonica cultivar-group)] (GB:AAP46257.1); contains	372	2276	6.1
Brapa_ESTC024071	AT5G12250.1	Symbols: TUB6 TUB6 (BETA-6 TUBULIN) chr5:3961318-3962972 REVERSE	358	2179	6.1
Brapa_ESTC003788	AT1G27700.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT4G30240.1); similar to t-snare [Medicago truncatula] (GB:ABD33270.1); contains InterPro domain t-snare;	341	2058	6.0
Brapa_ESTC001005	AT3G03380.1	Symbols: DEGP7 DEGP7 (DEGP PROTEASE 7); serine-type peptidase/ trypsin chr3:799727-808326 FORWARD	344	2053	6.0
Brapa_ESTC003879	AT2G36360.2	Symbols: kelch repeat-containing protein chr2:15250540-15254602 REVERSE	312	1845	5.9
Brapa_ESTC020579	AT5G19580.1	Symbols: glyoxal oxidase-related chr5:6607597-6609519 REVERSE	245	1446	5.9
Brapa_ESTC002880	AT3G55470.2	Symbols: C2 domain-containing protein chr3:20575334-20577070 FORWARD	412	2427	5.9
Brapa_ESTC040005	AT1G24370.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G15310.1); similar to Os01g0180200 [Oryza sativa (japonica cultivar-group)] (GB:NP_001042205.1); similar	315	1846	5.9
Brapa_ESTC050041	no_hits_found	-----	263	1539	5.8
Brapa_ESTC028370	AT4G16700.1	Symbols: phosphatidylserine decarboxylase chr4:9395837-9398283 REVERSE	218	1270	5.8
Brapa_ESTC003822	AT2G33585.1	Symbols: similar to conserved hypothetical protein [Medicago truncatula] (GB:ABE82600.1) chr2:14230479-14231243 REVERSE	419	2441	5.8
Brapa_ESTC031667	no_hits_found	-----	356	2076	5.8

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC050677	AT1G32700.2	Symbols: zinc-binding family protein chr1:11827966-11829424 FORWARD	333	1934	5.8
Brapa_ESTC018657	AT2G02580.1	Symbols: CYP71B9 CYP71B9 (cytochrome P450, family 71, subfamily B, polypeptide 9); oxygen binding chr2:701984-703660 FORWARD	461	2670	5.8
Brapa_ESTC004427	no_hits_found	-----	279	1617	5.8
Brapa_ESTC022213	AT3G09910.1	Symbols: AtRab18C, AtRABC2b AtRABC2b/AtRab18C (Arabidopsis Rab GTPase homolog C2b); GTP binding chr3:3036869-3038126 REVERSE	393	2258	5.7
Brapa_ESTC034585	AT3G58350.1	Symbols: meprin and TRAF homology domain-containing protein / MATH domain-containing protein chr3:21602595-21603813 REVERSE	348	1992	5.7
Brapa_ESTC020205	AT1G11130.1	Symbols: SCM, SUB SUB (STRUBBELIG); protein binding chr1:3723135-3727178 FORWARD	312	1785	5.7
Brapa_ESTC016215	AT3G49160.1	Symbols: pyruvate kinase family protein chr3:18233117-18235400 REVERSE	469	2669	5.7
Brapa_ESTC028953	AT1G08750.3	Symbols: GPI-anchor transamidase, putative chr1:2801286-2804395 FORWARD	364	2068	5.7
Brapa_ESTC046823	no_hits_found	-----	204	1153	5.7
Brapa_ESTC008195	AT3G03910.1	Symbols: glutamate dehydrogenase, putative chr3:1006920-1008853 FORWARD	240	1359	5.7
Brapa_ESTC014559	AT3G25882.1	Symbols: NIMIN-2 NIMIN-2 (NIM1-INTERACTING 2) chr3:9471758-9472126 REVERSE	488	2752	5.6
Brapa_ESTC033431	AT4G21180.1	Symbols: DNAJ heat shock N-terminal domain-containing protein / sec63 domain-containing protein chr4:11289347-11292189 FORWARD	277	1557	5.6
Brapa_ESTC048649	no_hits_found	-----	465	2610	5.6
Brapa_ESTC049955	AT5G06300	Putative lysine decarboxylase family protein	330	1852	5.6
Brapa_ESTC048742	AT5G23700.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G48860.2); similar to expressed protein [Oryza sativa (japonica cultivar-group)] (GB:ABA93965.1); similar to	198	1102	5.6
Brapa_ESTC047131	no_hits_found	-----	228	1266	5.6

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC051095	no_hits_found	-----	384	2133	5.6
Brapa_ESTC019282	AT5G19580.1	Symbols: glyoxal oxidase-related chr5:6607597-6609519 REVERSE	411	2280	5.6
Brapa_ESTC004838	AT1G13750.1	Symbols: calcineurin-like phosphoesterase family protein chr1:4715487-4718088 REVERSE	275	1520	5.5
Brapa_ESTC047507	no_hits_found	-----	271	1494	5.5
Brapa_ESTC000770	no_hits_found	-----	201	1107	5.5
Brapa_ESTC015961	AT5G56160.1	Symbols: transporter chr5:22749670-22752606 FORWARD	200	1089	5.5
Brapa_ESTC026939	AT3G29032	copia-like retrotransposon family	404	2161	5.4
Brapa_ESTC040110	AT5G23040.2	Symbols: CDF1 CDF1 (CELL GROWTH DEFECT FACTOR 1); heat shock protein binding chr5:7729468-7730933 REVERSE	280	1494	5.3
Brapa_ESTC000341	AT4G14020.1	Symbols: rapid alkalization factor (RALF) family protein chr4:8095365-8095700 REVERSE	269	1430	5.3
Brapa_ESTC027690	AT1G69570.1	Symbols: Dof-type zinc finger domain-containing protein chr1:26165434-26166893 REVERSE	277	1475	5.3
Brapa_ESTC048707	no_hits_found	-----	367	1950	5.3
Brapa_ESTC003834	no_hits_found	-----	487	2579	5.3
Brapa_ESTC044311	AT4G21880.1	Symbols: pentatricopeptide (PPR) repeat-containing protein chr4:11605168-11611220 FORWARD	475	2512	5.3
Brapa_ESTC021449	no_hits_found	-----	237	1235	5.2
Brapa_ESTC035575	AT3G24290.1	Symbols: ammonium transporter, putative chr3:8801407-8802897 REVERSE	396	2049	5.2
Brapa_ESTC020390	AT1G14320.1	Symbols: 60S ribosomal protein L10 (RPL10A) / Wilm's tumor suppressor protein-related chr1:4888265-4889403 FORWARD	250	1271	5.1

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC020918	AT5G08320.1	Symbols: similar to unknown protein [Oryza sativa (japonica cultivar-group)] (GB:BAD25105.1); contains domain gb def: Hypothetical protein F8L15_50	237	1205	5.1
Brapa_ESTC043311	AT3G25930.1	Symbols: universal stress protein (USP) family protein chr3:9494269-9495108 REVERSE	221	1124	5.1
Brapa_ESTC027288	AT3G26700.1	Symbols: protein kinase family protein chr3:9811906-9813593 FORWARD	276	1396	5.1
Brapa_ESTC026214	AT5G11980.1	Symbols: conserved oligomeric Golgi complex component-related / COG complex component-related chr5:3868810-3872147 REVERSE	210	1062	5.0
Brapa_ESTC050988	no_hits_found	-----	340	1711	5.0
Brapa_ESTC022923	AT5G57980.1	Symbols: eukaryotic rpb5 RNA polymerase subunit family protein chr5:23486276-23486994 REVERSE	488	2457	5.0
Brapa_ESTC048468	AT1G18370.1	Symbols: HIK HIK (HINKEL); microtubule motor chr1:6319725-6323813 REVERSE	388	1949	5.0
Brapa_ESTC037765	no_hits_found	-----	349	1738	5.0
Brapa_ESTC028764	AT5G15020.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G01320.1); similar to paired amphipathic helix repeat-containing protein [Arabidopsis thaliana]	323	1598	4.9
Brapa_ESTC025480	AT2G20495.1	Symbols: similar to Os07g0458800 [Oryza sativa (japonica cultivar-group)] (GB:NP_001059571.1); similar to putative Serine/threonine-protein kinase [Oryza sativa	302	1482	4.9
Brapa_ESTC006180	AT3G48100.1	Symbols: ATRR2, IBC6, ARR5 ARR5 (ARABIDOPSIS RESPONSE REGULATOR 5); transcription regulator/ two-component response regulator chr3:17770097-17771725	309	1510	4.9
Brapa_ESTC020668	no_hits_found	-----	245	1195	4.9
Brapa_ESTC048988	AT4G16420.1	Symbols: PRZ1, ADA2B ADA2B (PROPZR1); DNA binding / transcription factor chr4:9262828-9265798 REVERSE	447	2174	4.9
Brapa_ESTC028870	no_hits_found	-----	269	1301	4.8
Brapa_ESTC042066	AT2G38240.1	Symbols: oxidoreductase, 2OG-Fe(II) oxygenase family protein chr2:16019801-16021744 REVERSE	360	1734	4.8
Brapa_ESTC030664	AT1G05280.1	Symbols: fringe-related protein chr1:1535443-1537413 REVERSE	338	1622	4.8

Suupplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC026671	AT3G09520.1	Symbols: ATEXO70H4 ATEXO70H4 (exocyst subunit EXO70 family protein H4); protein binding chr3:2923749-2925635 FORWARD	451	2148	4.8
Brapa_ESTC022872	AT4G38090.2	Symbols: similar to Os08g0478100 [Oryza sativa (japonica cultivar-group)] (GB:NP_001062049.1); similar to hypothetical protein TTC0689 [Thermus thermophilus	431	2027	4.7
Brapa_ESTC003552	AT1G32100.1	Symbols: pinoresinol-lariciresinol reductase, putative chr1:11546452-11547933 REVERSE	407	1903	4.7
Brapa_ESTC050463	no_hits_found	-----	252	1173	4.7
Brapa_ESTC025271	AT1G15480.1	Symbols: DNA binding chr1:5318302-5320417 FORWARD	431	2005	4.7
Brapa_ESTC019919	AT5G56970.1	Symbols: ATCKX3, CKX3 CKX3 (CYTOKININ OXIDASE 3); cytokinin dehydrogenase chr5:23062170-23065471 REVERSE	274	1246	4.6
Brapa_ESTC025484	AT3G60420.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT3G60450.1); similar to pRIB5 protein [Ribes nigrum] (GB:CAA07566.1); contains InterPro domain	250	1137	4.5
Brapa_ESTC048259	no_hits_found	-----	384	1722	4.5
Brapa_ESTC051457	AT2G16360.1	Symbols: 40S ribosomal protein S25 (RPS25A) chr2:7083795-7084448 REVERSE	302	1355	4.5
Brapa_ESTC047985	no_hits_found	-----	309	1382	4.5
Brapa_ESTC021848	AT5G56840.1	Symbols: DNA-binding family protein chr5:22998015-22999378 FORWARD	324	1446	4.5
Brapa_ESTC010341	AT1G55915.1	Symbols: zinc ion binding chr1:20911328-20913094 FORWARD	437	1939	4.4
Brapa_ESTC040456	AT1G69570.1	Symbols: Dof-type zinc finger domain-containing protein chr1:26165434-26166893 REVERSE	341	1489	4.4
Brapa_ESTC004652	no_hits_found	-----	317	1381	4.4
Brapa_ESTC048627	AT1G66760.2	Symbols: MATE efflux family protein chr1:24905773-24907876 FORWARD	318	1386	4.4
Brapa_ESTC041343	AT2G27790.1	Symbols: nucleic acid binding / nucleotide binding chr2:11854412-11856362 REVERSE	281	1209	4.3

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC034993	AT5G60300.3	Symbols: lectin protein kinase family protein chr5:24282088-24285199 FORWARD	438	1882	4.3
Brapa_ESTC001678	AT5G05380.1	Symbols: prenylated rab acceptor (PRA1) family protein chr5:1592215-1592868 FORWARD	374	1588	4.3
Brapa_ESTC051804	AT5G16180.1	Symbols: CRS1, ATCRS1 ATCRS1/CRS1 (ARABIDOPSIS ORTHOLOG OF MAIZE CHLOROPLAST SPLICING FACTOR CRS1) chr5:5279887-5282901 FORWARD	246	1041	4.2
Brapa_ESTC051441	AT4G10020.1	Symbols: short-chain dehydrogenase/reductase (SDR) family protein chr4:6268360-6270176 FORWARD	323	1363	4.2
Brapa_ESTC018376	AT3G57570.1	Symbols: binding chr3:21323575-21331082 FORWARD	277	1161	4.2
Brapa_ESTC033428	AT3G09540.1	Symbols: pectate lyase family protein chr3:2929085-2931143 REVERSE	492	2028	4.1
Brapa_ESTC020902	AT5G04240.1	Symbols: ELF6 ELF6 (EARLY FLOWERING 6); transcription factor chr5:1169545-1174639 FORWARD	368	1517	4.1
Brapa_ESTC045458	AT5G05880.1	Symbols: UDP-glucuronosyl/UDP-glucosyl transferase family protein chr5:1769649-1771516 FORWARD	432	1776	4.1
Brapa_ESTC045865	no_hits_found	-----	494	2029	4.1
Brapa_ESTC021181	AT2G32080.2	Symbols: PUR ALPHA-1 PUR ALPHA-1 (purin-rich alpha 1); nucleic acid binding chr2:13649793-13651113 REVERSE	287	1173	4.1
Brapa_ESTC012548	AT2G45200.1	Symbols: ATGOS12, GOS12 GOS12 (GOLGI SNARE 12); SNARE binding chr2:18644763-18646714 REVERSE	248	1012	4.1
Brapa_ESTC020266	AT1G12210.1	Symbols: RFL1 RFL1 (RPS5-LIKE 1); ATP binding / protein binding chr1:4140946-4143603 FORWARD	249	1014	4.1
Brapa_ESTC030604	AT4G31640.1	Symbols: transcriptional factor B3 family protein chr4:15328363-15329664 FORWARD	455	1841	4.0
Brapa_ESTC004993	AT1G69420.1	Symbols: zinc finger (DHHC type) family protein chr1:26097353-26100399 FORWARD	254	1026	4.0
Brapa_ESTC032324	AT4G03550.1	Symbols: GSL05, ATGSL5, PMR4, GSL5, ATGSL05 ATGSL05 (GLUCAN SYNTHASE-LIKE 5); 1,3-beta-glucan synthase/ transferase, transferring glycosyl groups chr4:1573511-	494	1989	4.0
Brapa_ESTC051540	no_hits_found	-----	257	1023	4.0

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC050794	AT4G39080.1	Symbols: VHA-A3 VHA-A3 (VACUOLAR PROTON ATPASE A3); ATPase chr4:18209507-18214746 FORWARD	273	1072	3.9
Brapa_ESTC032732	AT1G19250.1	Symbols: FMO1 FMO1 (FLAVIN-DEPENDENT MONOOXYGENASE 1); monooxygenase chr1:6650647-6653044 REVERSE	495	1928	3.9
Brapa_ESTC048450	no_hits_found	-----	490	1897	3.9
Brapa_ESTC016445	AT1G17510.1	Symbols: unknown protein chr1:6023697-6024204 REVERSE	382	1475	3.9
Brapa_ESTC030101	no_hits_found	-----	317	1223	3.9
Brapa_ESTC038880	no_hits_found	-----	415	1585	3.8
Brapa_ESTC034939	no_hits_found	-----	445	1700	3.8
Brapa_ESTC048276	no_hits_found	-----	271	1035	3.8
Brapa_ESTC041360	AT1G21990.1	Symbols: F-box family protein chr1:7740519-7742095 REVERSE	453	1710	3.8
Brapa_ESTC001159	AT3G29000.1	Symbols: calcium-binding EF hand family protein chr3:11007028-11007612 FORWARD	353	1329	3.8
Brapa_ESTC012509	AT5G03860.1	Symbols: MLS malate synthase, putative chr5:1032275-1034526 REVERSE	339	1251	3.7
Brapa_ESTC036307	AT2G35730.1	Symbols: heavy-metal-associated domain-containing protein chr2:15027638-15028554 REVERSE	393	1440	3.7
Brapa_ESTC037317	AT2G41800.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G41810.1); similar to Os03g0807700 [Oryza sativa (japonica cultivar-group)] (GB:NP_001051644.1); similar	417	1513	3.6
Brapa_ESTC051232	no_hits_found	-----	353	1272	3.6
Brapa_ESTC032524	no_hits_found	-----	320	1153	3.6
Brapa_ESTC008214	AT1G19640.1	Symbols: JMT JMT (JASMONIC ACID CARBOXYL METHYLTRANSFERASE); jasmonate O-methyltransferase chr1:6789157-6791699 REVERSE	340	1213	3.6

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC017794	AT5G18350.1	Symbols: disease resistance protein (TIR-NBS-LRR class), putative chr5:6074525-6078571 REVERSE	336	1193	3.6
Brapa_ESTC051754	no_hits_found	-----	483	1704	3.5
Brapa_ESTC034440	AT5G24070.1	Symbols: peroxidase family protein chr5:8134304-8135994 REVERSE	337	1184	3.5
Brapa_ESTC039257	no_hits_found	-----	477	1675	3.5
Brapa_ESTC046600	AT5G65070.1	Symbols: FCL4, MAF4 MAF4 (MADS AFFECTING FLOWERING 4); transcription factor chr5:26009536-26013156 FORWARD	300	1051	3.5
Brapa_ESTC047552	no_hits_found	-----	339	1164	3.4
Brapa_ESTC028511	no_hits_found	-----	407	1367	3.4
Brapa_ESTC029475	AT4G18422	unknown protein;	441	1479	3.4
Brapa_ESTC016861	AT1G73260	Encodes a trypsin inhibitor involved in modulating programmed cell death	434	1447	3.3
Brapa_ESTC003129	AT2G03760.1	Symbols: RAR047, ST ST (steroid sulfotransferase); sulfotransferase chr2:1149472-1150452 REVERSE	314	1045	3.3
Brapa_ESTC051539	no_hits_found	-----	368	1225	3.3
Brapa_ESTC032080	AT5G09480.1	Symbols: hydroxyproline-rich glycoprotein family protein chr5:2951182-2951616 REVERSE	492	1637	3.3
Brapa_ESTC049282	AT2G46000.1	Symbols: similar to conserved hypothetical protein [Medicago truncatula] (GB:ABE80176.1) chr2:18928267-18929120 REVERSE	474	1563	3.3
Brapa_ESTC038211	no_hits_found	-----	354	1165	3.3
Brapa_ESTC018658	AT5G06310.1	Symbols: ATPOT1 ATPOT1 (PROTECTION OF TELOMERES 1); DNA binding chr5:1928469-1930796 FORWARD	313	1007	3.2
Brapa_ESTC049341	no_hits_found	-----	397	1268	3.2

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<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC039740	AT1G19250.1	Symbols: FMO1 FMO1 (FLAVIN-DEPENDENT MONOOXYGENASE 1); monooxygenase chr1:6650647-6653044 REVERSE	426	1353	3.2
Brapa_ESTC025820	AT4G20740.1	Symbols: pentatricopeptide (PPR) repeat-containing protein chr4:11126162-11128345 FORWARD	381	1207	3.2
Brapa_ESTC012844	AT5G22460.2	Symbols: esterase/lipase/thioesterase family protein chr5:7443662-7445272 REVERSE	357	1115	3.1
Brapa_ESTC035689	AT4G15400.1	Symbols: transferase family protein chr4:8812121-8813428 REVERSE	388	1212	3.1
Brapa_ESTC051366	AT5G44635.1	Symbols: minichromosome maintenance family protein / MCM family protein chr5:18023658-18027769 REVERSE	488	1516	3.1
Brapa_ESTC030665	AT1G05280.1	Symbols: fringe-related protein chr1:1535443-1537413 REVERSE	378	1162	3.1
Brapa_ESTC011302	AT2G24680.1	Symbols: transcriptional factor B3 family protein chr2:10500966-10505410 REVERSE	343	1050	3.1
Brapa_ESTC024895	AT3G60850.1	Symbols: similar to Os03g0247100 [Oryza sativa (japonica cultivar-group)] (GB:NP_001049548.1) chr3:22493028-22494974 FORWARD	332	1015	3.1
Brapa_ESTC036030	AT5G16820.2	Symbols: HSFA1B, ATHSFA1B, HSF3 HSF3 (HEAT SHOCK FACTOR 3); DNA binding / transcription factor chr5:5530449-5532500 FORWARD	481	1465	3.0
Brapa_ESTC011571	AT1G23530.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G70470.1) chr1:8345850-8346419 FORWARD	422	1275	3.0
Brapa_ESTC011453	AT1G74890.1	Symbols: ARR15 ARR15 (RESPONSE REGULATOR 15); transcription regulator chr1:28135251-28136371 REVERSE	472	1424	3.0
Brapa_ESTC025592	AT3G56550.1	Symbols: pentatricopeptide (PPR) repeat-containing protein chr3:20963875-20965620 REVERSE	368	1105	3.0
Brapa_ESTC047914	no_hits_found	-----	449	1345	3.0
Brapa_ESTC021885	AT3G01300.1	Symbols: protein kinase, putative chr3:90824-93342 REVERSE	396	1182	3.0
Brapa_ESTC047180	AT1G06590.1	Symbols: binding chr1:2016503-2024504 REVERSE	475	1395	2.9
Brapa_ESTC027457	AT4G17220.1	Symbols: ATMAP70-5 ATMAP70-5 (microtubule-associated proteins 70-5); microtubule binding chr4:9657019-9659416 REVERSE	493	1443	2.9

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC028199	AT5G66050.1	Symbols: similar to wound-responsive family protein [Arabidopsis thaliana] (TAIR:AT1G19660.2); similar to Os08g0357000 [Oryza sativa (japonica cultivar-group)]	408	1184	2.9
Brapa_ESTC002091	AT2G25710.2	Symbols: HCS1 HCS1 (HOLOCARBOXYLASE SYNTHASE); catalytic chr2:10959797-10962139 FORWARD	463	1341	2.9
Brapa_ESTC015999	AT4G21940.1	Symbols: CPK15 CPK15 (calcium-dependent protein kinase 15); calcium- and calmodulin-dependent protein kinase/ kinase chr4:11640859-11643399 FORWARD	407	1166	2.9
Brapa_ESTC018871	AT2G37290.1	Symbols: RabGAP/TBC domain-containing protein chr2:15664014-15668414 REVERSE	477	1366	2.9
Brapa_ESTC044566	AT4G28280.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT2G20700.1); similar to GPI-anchored protein [Vigna radiata] (GB:BAA34247.1); similar to Os02g0721700	500	1404	2.8
Brapa_ESTC032822	no_hits_found	-----	446	1239	2.8
Brapa_ESTC010253	AT3G03480.1	Symbols: CHAT CHAT (ACETYL COA:(Z)-3-HEXEN-1-OL ACETYLTRANSFERASE); acetyl CoA:(Z)-3-hexen-1-ol acetyltransferase chr3:828407-829870 REVERSE	469	1284	2.7
Brapa_ESTC017317	AT1G75010.1	Symbols: similar to phosphatidylinositol-4-phosphate 5-kinase family protein [Arabidopsis thaliana] (TAIR:AT1G60890.1); similar to ARC3 homologue [Oryza sativa (japonica	475	1291	2.7
Brapa_ESTC051851	AT5G07370.4	Symbols: ATIPK2A, IPK2a IPK2a (INOSITOL POLYPHOSPHATE KINASE 2 ALPHA); inositol or phosphatidylinositol kinase chr5:2331252-2332112 FORWARD	395	1072	2.7
Brapa_ESTC025009	AT5G15120.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT5G39890.1); similar to unknown protein [Oryza sativa (japonica cultivar-group)] (GB:BAB03364.1); similar to	431	1160	2.7
Brapa_ESTC021781	AT5G61590.1	Symbols: AP2 domain-containing transcription factor family protein chr5:24781879-24782484 REVERSE	465	1249	2.7
Brapa_ESTC045225	AT4G02780.1	Symbols: ABC33, GA1 GA1 (GA REQUIRING 1); ent-copalyl diphosphate synthase chr4:1237881-1244766 REVERSE	393	1042	2.6
Brapa_ESTC004328	no_hits_found	-----	483	1278	2.6
Brapa_ESTC028229	no_hits_found	-----	407	1072	2.6
Brapa_ESTC027521	AT3G17611.3	Symbols: zinc ion binding chr3:6025658-6026179 FORWARD	435	1144	2.6
Brapa_ESTC015222	AT4G22780.1	Symbols: ACR7 ACR7 (ACT Domain Repeat 7) chr4:11968707-11970967 REVERSE	485	1261	2.6

Suuplementary Table 3. Genes induced specifically in Chiifu.

<i>Br_SEQ_ID</i>	<i>At_Locus</i>	Gene Annotation	Probe Intensity		Flod Change
			RCBr	Chiifu	Chiifu/RCBr
Brapa_ESTC023597	AT3G23560.1	Symbols: ALF5 ALF5 (ABERRANT LATERAL ROOT FORMATION 5); antiporter/transporter chr3:8454368-8456595 REVERSE	487	1261	2.6
Brapa_ESTC035387	AT3G19320.1	Symbols: leucine-rich repeat family protein chr3:6696401-6698079 REVERSE	453	1166	2.6
Brapa_ESTC041961	AT2G42690.1	Symbols: lipase, putative chr2:17783433-17784759 REVERSE	485	1222	2.5
Brapa_ESTC038278	no_hits_found	-----	490	1218	2.5
Brapa_ESTC047783	AT5G18770.1	Symbols: F-box family protein chr5:6261428-6263174 FORWARD	439	1092	2.5
Brapa_ESTC036660	AT4G24320.1	Symbols: similar to unknown protein [Arabidopsis thaliana] (TAIR:AT1G71850.1); similar to Protein of unknown function DUF860, plant [Medicago truncatula] (GB:ABE93198.1);	482	1185	2.5
Brapa_ESTC036471	AT4G11900.1	Symbols: carbohydrate binding / kinase chr4:7151390-7153536 REVERSE	445	1051	2.4
Brapa_ESTC030293	AT2G01870.1	Symbols: unknown protein chr2:389845-390318 REVERSE	491	1156	2.4
Brapa_ESTC029109	AT5G43470.2	Symbols: HRT, RCY1, RPP8 RPP8 (RECOGNITION OF PERONOSPORA PARASITICA 8) chr5:17480358-17483886 REVERSE	476	1101	2.3
Brapa_ESTC032914	no_hits_found	-----	462	1011	2.2
Brapa_ESTC023062	AT1G73260.1	Symbols: trypsin and protease inhibitor family protein / Kunitz family protein chr1:27551071-27551718 REVERSE	480	1043	2.2
Brapa_ESTC011748	AT4G35480.1	Symbols: RHA3B RHA3B (RING-H2 finger A3B); protein binding / zinc ion binding chr4:16852238-16852840 REVERSE	491	1021	2.1
Brapa_ESTC003752	no_hits_found	-----	487	1006	2.1