

表 3. ガジュツ抽出物の 24 時間暴露により発現が抑制した線虫の遺伝子群

Probe Set ID	Gene Title	Log2 Ratio
171733_x_at	F23F12.9a	-1.12
171794_x_at	Zinc Finger Protein	-1.38
171900_s_at	B0511.6 /// helicase	-1.13
171911_x_at	F53F4.11 /// status:Confirmed	-1.19
171941_s_at	F44E5.4 /// F44E5.5 /// Heat shock hsp70 proteins /// Heat shock hsp70 proteins	-1.05
172035_x_at	Nuclear Hormone Receptor family	-1.00
172092_s_at	F53H1.1 /// helicase	-1.19
172240_x_at	CaeNaCin (Caenorhabditis bacteriocin) /// locus:cnc-7	-1.19
172332_at	T24D8.6 /// status:Partially_confirmed	-2.62
172409_x_at	status:Partially_confirmed /// status:Predicted /// ZK402.3	-1.71
172432_x_at	AH10.4 /// D2024.10 /// status:Predicted /// status:Predicted /// status:Predicted /// ZK84.4	-1.36
172474_x_at	Nematode Specific Peptide family, group B /// locus:nspb-11	-1.12
172551_at	R10A10.1 /// status:Predicted	-3.21
172593_x_at	---	-1.51
172595_x_at	Nematode Specific Peptide family, group B /// locus:nspb-3 /// locus:nspb-2	-1.02
172623_at	status:Partially_confirmed /// Y105C5A.10	-1.58
172973_at	E02H1.4 /// locus:pme-2	-1.01
172974_s_at	F19C7.1 /// status:Confirmed	-1.09
173003_s_at	Nuclear Hormone Receptor family	-1.18
173096_at	K08D12.6 /// status:Confirmed	-1.90
173147_s_at	Nuclear Hormone Receptor family /// Nuclear Hormone Receptor family /// locus:nhr-113 /// locus:nhr-259	-1.12
173204_s_at	UDP-GlucuronosylTransferase /// locus:ugt-46	-1.46
173244_at	F49C12.11 /// status:Confirmed	-1.43
173274_s_at	W01F3.2 /// status:Confirmed	-1.39
173310_at	status:Confirmed /// Y51F10.7	-1.29
173313_s_at	C01F1.1 /// dna binding protein	-1.38
173479_at	R151.6 /// status:Confirmed	-1.17
173542_at	F47D12.9b	-1.39
173618_s_at	T12E12.3 /// status:Partially_confirmed	-1.30
173763_s_at	Glutathione S-Transferase /// locus:gst-41	-1.52
173828_s_at	UNCoordinated /// locus:unc-68	-1.17
173905_s_at	UDP-GlucuronosylTransferase /// locus:ugt-46	-1.36
173977_at	Deubiquitylating with USP/UBP and OTU domains /// locus:duo-3	-1.26
174026_at	A Ras-regulating Kinase /// locus:ark-1	-1.11
174033_at	UNCoordinated	-1.28
174112_at	Conserved Oligomeric Golgi (COG) Component	-3.08
174132_at	C38H2.2 /// status:Confirmed	-1.08
174238_at	C18F3.4	-1.06

174292_at	T21C9.1	-1.18
174330_at	PhosphatidylSerine SYNthase /// locus:pssy-1	-1.15
174379_s_at	F13E6.2 /// adenylate kinase like	-2.00
174391_at	R13H7.2a	-1.27
174573_at	potassium channel, KvQLT family	-2.05
174587_at	HSN Abnormal Migration /// locus:ham-1	-1.57
174591_at	ZK593.5 /// locus:dnc-1	-1.32
174602_at	status:Confirmed /// Y66D12A.12	-1.77
174636_at	---	-1.06
174704_at	F56H1.5 /// status:Partially_confirmed	-1.23
174722_at	F56C9.10b	-1.08
174737_at	ALG-1 Interacting protein /// locus:ain-1	-1.15
174760_at	locus:acs-1 /// Y65B4BL.5	-1.58
174777_at	status:Confirmed /// Y41D4A.1	-1.92
174806_at	Suppressor of Constitutive Dauer formation	-1.05
174881_s_at	C27A7.5a	-1.12
174922_at	status:Partially_confirmed /// Y105C5A.15	-1.32
174940_at	F32A5.2a	-1.01
174957_s_at	F52F10.3 /// status:Partially_confirmed	-1.23
174971_at	CKA And Striatin Homolog /// locus:cash-1	-1.26
175101_s_at	K04G2.11 /// status:Partially_confirmed	-1.14
175113_at	status:Confirmed /// Y113G7A.15	-1.06
175122_at	C16D9.1 /// status:Confirmed	-2.12
175170_s_at	Downstream Of DAF-16 (regulated by DAF-16) /// locus:dod-19	-1.31
175199_at	T10B5.4 /// status:Partially_confirmed	-1.55
175214_at	C33D9.6 /// status:Confirmed	-1.30
175218_at	F59C12.4 /// status:Confirmed	-2.24
175224_at	status:Confirmed /// Y67D8B.4	-1.04
175359_at	---	-3.06
175432_at	---	-1.02
175450_at	F56D5.6 /// status:Partially_confirmed	-1.18
175484_s_at	yeast SEC homolog /// locus:sec-15	-1.11
175615_s_at	locus:wrm-1 /// Worm aRMadillo	-1.15
175628_at	EATing: abnormal pharyngeal pumping /// locus:eat-4	-1.23
175668_s_at	Resistance to Inhibitors of Cholinesterase	-1.15
175732_at	ADDucin	-1.07
175760_at	F56H11.1a	-1.40
175791_at	G-protein-linked Acetylcholine Receptor	-1.24
175842_s_at	RNase H /// locus:rnh-2	-1.05
175897_at	status:Partially_confirmed /// ZK105.5	-3.87
175916_at	Chaperonin Containing TCP-1 /// locus:cct-3	-1.16
176021_at	Enhancer of Ksr-1 Lethality	-1.90
176108_at	Nuclear Hormone Receptor family /// locus:nhr-274	-2.27
176314_at	status:Confirmed /// Y50D4B.6	-1.13
176331_at	status:Partially_confirmed /// Y50D4B.4	-2.09

176332_s_at	status:Partially_confirmed /// status:Partially_confirmed /// Y50D4B.3 /// Y50D4B.4	-1.44
176360_at	R13A5.10 /// status:Partially_confirmed	-1.06
176454_s_at	F52C12.2 /// status:Confirmed	-1.80
176652_s_at	C01B4.6 /// aldose 1-epimerase /// status:Predicted /// Y19D10A.16	-1.10
176686_at	D1014.7 /// status:Predicted	-3.32
176721_at	GLoBin /// locus:glb-6	-2.32
176780_at	H06I04.1a	-2.54
176836_s_at	NucleOLar protein /// locus:nol-6	-1.00
176939_at	SaPosin-like Protein family /// locus:spp-23	-1.19
177013_at	status:Predicted /// Y54G2A.28	-3.27
177032_at	COLagen /// locus:col-91	-1.35
177146_at	status:Confirmed /// Y73B6BL.25	-1.65
177167_at	status:Partially_confirmed /// Y38C1AA.9	-1.07
177179_at	Drosophila SOS homolog /// locus:sos-1	-1.03
177183_s_at	status:Confirmed /// Y73B6BL.24	-1.02
177187_at	C-type LECTin /// locus:clcc-76	-1.16
177279_at	M60.4a	-1.05
177323_at	HydroxySteroid Dehydrogenase homolog /// locus:hsd-2	-1.58
177445_at	Serpentine Receptor, class G (gamma) /// locus:srg-64	-3.77
177825_at	F58E6.4 /// status:Partially_confirmed	-1.13
177873_at	F21D9.4 /// status:Partially_confirmed	-1.07
177995_at	T06E4.7 /// status:Predicted	-1.09
178218_at	K10D6.3 /// status:Partially_confirmed	-1.58
178255_at	K08H2.7 /// status:Predicted	-1.76
178430_at	C35C5.9 /// status:Confirmed	-1.08
178468_at	Serpentine Receptor, class D (delta) /// locus:srd-70	-2.50
178500_at	status:Predicted /// ZC482.2	-3.07
178526_at	T24F1.4 /// status:Predicted	-2.10
178669_s_at	INSulin related /// locus:ins-24	-4.06
178797_at	C49F5.7 /// status:Confirmed	-1.27
179015_at	F53F1.6 /// status:Partially_confirmed	-1.24
179016_at	T05A1.5b	-1.25
179022_at	C50F4.1 /// status:Partially_confirmed	-1.05
179051_s_at	status:Partially_confirmed /// ZK228.3	-1.30
179118_at	F-box A protein /// locus:fbxa-82	-1.50
179132_at	C31H5.1 /// status:Partially_confirmed	-1.12
179210_at	T05F1.9 /// status:Partially_confirmed	-3.33
179238_at	C46C2.3 /// status:Predicted	-2.11
179252_at	HSN Abnormal Migration /// locus:ham-1	-1.07
179255_at	F-box A protein /// locus:fbxa-94	-1.14
179422_s_at	M04C3.2 /// status:Partially_confirmed	-1.16
179502_at	T28D6.3 /// status:Confirmed	-1.52
179524_at	R11D1.2 /// status:Partially_confirmed	-1.44
179533_at	C06B8.2a	-1.05

179553_at	F53F8.4 /// status:Partially_confirmed	-1.05
179566_s_at	M04C3.1b	-2.90
179599_at	ZK228.4a	-1.49
179615_at	Seven TM Receptor /// locus:str-45	-2.12
179698_at	F47B7.7 /// status:Confirmed	-1.50
179892_at	K06A5.2 /// status:Confirmed	-1.02
179944_at	F53C3.7 /// status:Predicted	-1.54
179970_at	C27F2.6 /// status:Partially_confirmed	-2.99
180060_at	status:Partially_confirmed /// ZC132.9	-1.61
180202_at	T05A7.1 /// status:Predicted	-1.21
180212_at	C44B7.6b	-1.15
180302_at	K02E11.6 /// status:Confirmed	-1.57
180305_at	F22E5.8 /// status:Partially_confirmed	-1.33
180315_at	F44G3.10 /// status:Confirmed	-1.10
180363_at	W04C9.5 /// status:Partially_confirmed	-2.34
180379_s_at	C17F4.7 /// status:Confirmed	-3.14
180412_at	R05H10.1 /// status:Confirmed	-3.30
180424_at	F15E6.3 /// status:Confirmed	-1.02
180430_at	C17B7.5 /// status:Partially_confirmed	-1.64
180431_at	F40G12.6 /// status:Partially_confirmed	-1.16
180442_at	T19D7.5 /// status:Partially_confirmed	-1.14
180495_at	C09B7.2 /// transposase	-1.25
180532_s_at	HEXosaminidase /// locus:hex-5	-1.05
180627_at	K04F1.9 /// status:Partially_confirmed	-1.08
180727_at	F49F1.5 /// status:Confirmed	-1.25
180738_at	F40A3.7 /// status:Partially_confirmed	-1.33
180817_at	W05E10.2 /// status:Partially_confirmed	-2.96
180829_at	F23B2.10 /// status:Partially_confirmed	-2.19
180924_at	F07C4.6 /// status:Partially_confirmed	-1.44
180945_s_at	F49C12.7b	-1.16
181057_at	T14F9.2 /// status:Partially_confirmed	-1.05
181099_at	F54C1.1 /// status:Partially_confirmed	-1.19
181308_s_at	Nematode AStacin protease	-1.01
181393_at	F17C11.13 /// F17C11.6 /// status:Confirmed /// status:Confirmed	-1.30
181471_at	M03E7.1 /// status:Partially_confirmed	-1.13
181682_at	F10D7.1 /// status:Partially_confirmed	-1.53
181821_at	F20A1.6a	-1.03
181874_at	W03F8.6a	-1.15
181914_s_at	C17D12.3 /// status:Predicted /// status:Predicted /// Y47H9A.1	-1.29
181962_at	F01F1.3 /// status:Partially_confirmed	-1.31
181964_at	F-box A protein /// locus:fbxa-62	-1.50
182108_at	C16D9.1 /// status:Confirmed	-1.21
182203_at	ciliary Transition Zone Associate /// locus:tza-2	-1.94
182348_at	F-box A protein /// locus:fbxa-12	-2.74
182559_at	C01G10.6 /// status:Confirmed	-1.09

182671_at	F12D9.1a	-2.61
182684_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-98	-2.21
182706_at	C46A5.8 /// status:Partially_confirmed	-2.81
182931_at	C49A9.6 /// status:Partially_confirmed	-1.09
183287_at	Y4C6B.2a	-1.38
183291_at	F56C9.3 /// status:Confirmed	-1.67
183359_at	F58E2.4 /// status:Partially_confirmed	-1.42
183418_at	LIPaSe related /// locus:lips-4	-1.69
183512_at	F44A2.7 /// status:Partially_confirmed	-1.25
183683_at	One IG domain /// locus:oig-3	-1.02
183739_at	F07C3.3 /// status:Predicted	-1.41
183839_at	C03E10.3 /// status:Predicted	-3.30
183947_at	K02E7.6 /// status:Confirmed	-1.68
183982_s_at	R02D3.4 /// status:Partially_confirmed	-1.04
184142_s_at	R04A9.2 /// status:Partially_confirmed	-1.08
184246_s_at	Eukaryotic Initiation Factor /// locus:eif-3.H	-1.01
184251_at	F27C1.13 /// status:Predicted	-3.31
184579_at	C04E12.4 /// status:Partially_confirmed	-1.69
184624_s_at	C25H3.10b	-1.01
184652_at	Glycine Rich Secreted Protein /// locus:grsp-3	-1.10
184729_at	F19F10.8 /// status:Predicted	-3.03
184816_at	T27A10.5 /// status:Predicted	-2.41
184990_at	Y45F10A.7a	-1.11
184991_s_at	Y45F10A.7a	-1.57
184994_s_at	status:Confirmed /// Y56A3A.18	-1.02
185001_at	C08F11.13 /// status:Confirmed	-1.03
185003_s_at	F52F10.3 /// status:Partially_confirmed	-2.59
185021_at	Prion-like-(Q/N-rich)-domain-bearing protein /// R11G11.6 /// locus:pqn-60 /// status:Partially_confirmed	-1.10
185260_at	VILiI related /// locus:viln-1	-1.11
185280_at	H43E16.1 /// status:Partially_confirmed	-1.75
185292_at	status:Confirmed /// Y53F4B.23	-2.47
185385_at	status:Partially_confirmed /// Y38E10A.9	-3.05
185498_at	status:Confirmed /// Y106G6D.6	-1.23
185504_at	F23H11.6 /// status:Predicted	-1.69
185575_s_at	C-type LECTin /// C-type LECTin /// locus:clec-205 /// locus:clec-204	-1.33
185601_s_at	---	-1.66
185750_at	F59E11.2 /// status:Partially_confirmed	-1.08
185919_s_at	H04D03.2b	-1.12
185929_at	F45D11.1 /// status:Partially_confirmed	-1.34
185952_at	status:Partially_confirmed /// Y39A1A.18	-1.13
186230_at	Serpentine Receptor, class B (beta) /// locus:srb-1	-1.34
186337_at	F43C11.3 /// status:Confirmed	-2.12
186383_at	T19D12.4a	-1.23
186442_s_at	status:Partially_confirmed /// Y54G11A.9	-1.08

186528_s_at	F46E10.11 /// status:Confirmed	-1.10
186595_s_at	status:Confirmed /// Y32H12A.6	-1.05
186714_s_at	status:Confirmed /// ZK512.7	-2.33
186826_at	status:Confirmed /// Y111B2A.12	-2.25
186986_at	F55H2.7 /// status:Confirmed	-1.05
186989_at	Nuclear Hormone Receptor family	-1.10
186992_at	F54C8.6 /// status:Partially_confirmed	-1.11
187005_at	C41C4.1 /// status:Partially_confirmed	-1.66
187235_at	B0244.4 /// SR-famA	-2.23
187254_at	status:Partially_confirmed /// ZK353.2	-1.20
187366_s_at	Ring Finger Protein, UBC associated	-1.04
187483_at	B0416.7a	-1.01
187531_at	Y110A2AL.4a	-4.57
187602_at	C45G9.12 /// status:Partially_confirmed	-1.40
187662_at	F32H5.3a	-1.12
187664_s_at	F11E6.1a	-1.01
187754_s_at	F16B4.5b	-1.36
187844_at	C44E12.1 /// status:Confirmed	-1.13
187861_at	related to yeast Vacuolar Protein Sorting factor /// locus:vps-33.2	-1.01
187877_s_at	SPindle Defective /// locus:spd-1	-2.08
187994_at	TiTiN family	-1.48
188133_at	PaTched Related family	-1.33
188371_at	C08H9.4b	-1.11
188402_at	T05A8.4 /// locus:nep-2	-1.66
188622_at	C09G5.5 /// locus:col-80	-2.65
188628_at	F57A8.1 /// ETS domain	-1.04
188756_s_at	Y116F11B.3 /// locus:pcp-4	-1.56
188822_at	Acyl CoA DeHydrogenase	-1.24
188884_at	Seven TM Receptor /// locus:str-116	-1.35
188895_at	H11E01.2 /// transporter	-1.27
188947_at	C-type LECTin /// locus:clec-47	-1.67
189075_at	C-type LECTin /// locus:clec-34	-1.03
189345_at	F07H5.9a	-1.00
189384_s_at	protein kinase /// Y73B6A.1	-1.85
189419_at	F15B9.6 /// phospholipase A2	-1.08
189667_at	CYtochrome P450 family /// locus:cyp-36A1	-1.11
189843_at	DAChsund transcription factor homolog	-1.44
189845_at	T19B10.3 /// beta-galactosidase	-1.10
190211_at	F13E6.2 /// adenylate kinase like	-1.18
190404_s_at	FOLate Transporter family /// locus:folt-2	-1.25
190467_at	TransThyretin-Related family domain /// locus:ttr-29	-1.04
190584_at	C09G5.4 /// locus:col-39	-2.03
190600_s_at	Regulator of G protein Signaling /// locus:rgs-1	-1.07
190642_s_at	CALmodulin related genes /// locus:cal-3	-1.02
190693_at	UDP-GlucuronosylTransferase /// locus:ugt-19	-1.19

190822_s_at	R07B1.3 /// membrane glycoprotein	-1.05
190962_s_at	Glutathione S-Transferase /// locus:gst-19	-1.09
190970_s_at	status:Confirmed /// Y106G6D.8	-1.14
190987_at	R13H4.3 /// histidine acid phosphatase	-1.06
191133_at	Serpentine Receptor, class H /// locus:srh-39	-3.97
191485_at	C54D10.10 /// serine protease inhibitor	-1.27
191527_s_at	C07A9.8 /// Putative membrane protein	-1.06
191602_s_at	Myosin head (motor domain) /// Y11D7A.14	-1.10
191651_at	ZC518.1a	-1.37
191721_at	C.Elegans Homeobox /// locus:ceh-17	-1.28
191840_s_at	T25B9.1 /// glycine C-acetyltransferase	-1.03
191981_at	Acid-sensing/Amiloride-Sensitive Ion Channel family /// locus:asic-2	-1.54
192126_s_at	TOLLiH (Tolloid and BMP-1 family) /// locus:toh-1	-1.29
192142_at	C44C10.3 /// Sugar (and other) transporters	-1.23
192279_at	Ligand-Gated ion Channel /// locus:lge-40	-1.47
192337_at	mRNA Capping Enzyme Like	-1.01
192472_at	protein KINase	-1.30
192481_at	Ligand-Gated ion Channel /// locus:lge-11	-1.63
192578_at	FATty acid desaturase /// locus:fat-7	-1.61
192653_s_at	GEX Interacting protein	-1.39
193096_at	F13G3.11 /// F13G3.7b /// status:Confirmed	-1.22
193214_s_at	Intermediate Filament, A /// locus:ifa-4	-1.11
193235_at	AcetylCholine Receptor /// locus:acr-12	-1.09
193292_at	C53C7.1a	-1.41
193317_at	Mitochondrial carrier proteins (2 domains) /// Y43C5B.3	-1.13
193352_at	C16D6.2 /// 7 transmembrane receptor (rhodopsin family)	-1.58
193904_s_at	Overexpression Longevity Determinant /// Overexpression Longevity Determinant /// locus:old-1 /// locus:old-2	-1.46
194046_s_at	LEThal /// locus:let-23	-1.44
194124_s_at	Guanylyl CYclase /// locus:gcy-29	-1.48
194159_s_at	status:Confirmed /// Y51F10.7	-1.35

表 4. ケルセチンの 24 時間暴露により発現が抑制した線虫の遺伝子群

Probe Set ID	Gene Title	Log2 Ratio
171932_x_at	F09C8.1 /// phospholipase precursor	-1.42
172332_at	T24D8.6 /// status:Partially_confirmed	-4.98
172456_x_at	status:Predicted /// ZC178.1	-4.25
172474_x_at	Nematode Specific Peptide family, group B /// locus:nspb-11	-1.03
172528_x_at	R01B10.2 /// status:Predicted	-1.48
172623_at	status:Partially_confirmed /// Y105C5A.10	-1.99
172653_at	C28H8.2 /// status:Confirmed	-1.25
172757_x_at	cyclin like /// ZK678.3	-1.27
172905_x_at	Major Sperm Protein /// locus:mSP-78	-1.18
172909_x_at	BRCA homolog (tumor suppressor gene Brca1) /// locus:brc-1	-1.49
173096_at	K08D12.6 /// status:Confirmed	-1.07
173098_at	Kex-2 Proprotein Convertase family	-1.05
173101_at	Eukaryotic Initiation Factor /// locus:eif-3.F	-1.38
173274_s_at	W01F3.2 /// status:Confirmed	-1.05
173310_at	status:Confirmed /// Y51F10.7	-1.05
173370_at	F58E10.3a	-1.09
173585_at	F16D3.4 /// status:Partially_confirmed	-1.17
173736_at	FLYWCH zinc finger transcription factor homolog	-1.45
173817_at	P-GlycoProtein related /// locus:pgp-14	-1.10
173832_at	MUTator /// locus:mut-7	-1.81
173977_at	Deubiquitylating with USP/UBP and OTU domains /// locus:duo-3	-1.00
174041_at	abnormal ACetylcholinesterase /// locus:ace-1	-1.08
174267_at	F07C6.4a	-1.73
174409_at	F45E6.3 /// locus:tbc-13	-1.14
174459_at	GRound-Like (grd related) /// locus:grl-25	-2.87
174573_at	potassium channel, KvQLT family	-1.03
174909_at	FLecTin /// locus:flt-1	-1.14
174971_at	CKA And Striatin Homolog /// locus:cash-1	-1.19
175126_s_at	K08D8.5 /// status:Confirmed	-1.06
175135_at	---	-2.21
175175_at	F10E9.12 /// status:Confirmed	-1.10
175283_at	Enhancer of PolyComb-like /// locus:epc-1	-1.17
175342_at	Abnormal cell MIGration	-1.02
175636_at	ZC168.4 /// locus:cyb-1	-1.10
175660_at	Protein with Tau-Like repeats	-1.36
175760_at	F56H11.1a	-1.23
175838_at	abnormal cell LiNeage /// locus:lin-35	-1.47
176633_at	JC8.5 /// status:Confirmed	-1.02
176639_at	---	-1.36
176844_at	---	-1.19
176921_at	status:Partially_confirmed /// Y34D9A.1	-1.45

177032_at	COLlagen /// locus:col-91	-1.12
177167_at	status:Partially_confirmed /// Y38C1AA.9	-1.07
177340_at	CD4.7b	-1.09
177416_at	Serpentine Receptor, class U /// locus:sru-40	-1.90
177421_at	---	-1.03
177445_at	Serpentine Receptor, class G (gamma) /// locus:srg-64	-1.92
177534_at	F57C7.4 /// status:Partially_confirmed	-1.01
177769_at	D1086.18 /// status:Predicted	-1.09
177816_at	F49H6.3 /// status:Predicted	-2.63
177928_at	---	-1.04
178108_at	T27E7.1 /// status:Confirmed	-2.00
178129_at	GRound-Like (grd related) /// locus:grl-21	-1.08
178141_s_at	F21H7.2 /// status:Partially_confirmed	-1.52
178315_at	K08C7.7 /// status:Partially_confirmed	-1.01
178430_at	C35C5.9 /// status:Confirmed	-1.05
178847_at	C30F2.3 /// status:Partially_confirmed	-1.11
179012_at	K08E4.7 /// status:Predicted	-1.96
179285_at	status:Confirmed /// ZK669.3	-1.59
179473_at	C45G3.4 /// status:Predicted	-1.35
179615_at	Seven TM Receptor /// locus:str-45	-3.72
179656_at	F11E6.6 /// status:Partially_confirmed	-1.01
179762_at	R04E5.2 /// status:Partially_confirmed	-1.45
179789_at	---	-1.08
179892_at	K06A5.2 /// status:Confirmed	-1.13
179970_at	C27F2.6 /// status:Partially_confirmed	-2.47
180053_at	K07H8.5 /// status:Predicted	-1.37
180133_at	C54G6.3 /// status:Predicted	-1.21
180305_at	F22E5.8 /// status:Partially_confirmed	-1.16
180400_at	Drosophila PRicKLe homolog	-1.23
180412_at	R05H10.1 /// status:Confirmed	-1.09
180534_at	status:Confirmed /// Y62H9A.6	-1.64
180627_at	K04F1.9 /// status:Partially_confirmed	-1.48
180829_at	F23B2.10 /// status:Partially_confirmed	-1.50
180971_at	Seven TM Receptor /// locus:str-164	-2.98
181016_at	C39B10.5 /// status:Predicted	-1.83
181175_at	T08A9.4 /// status:Partially_confirmed	-1.79
181206_at	---	-1.38
181346_s_at	C18H2.1 /// status:Partially_confirmed	-1.45
181488_at	F36A2.14 /// status:Partially_confirmed	-1.28
181545_s_at	locus:xrn-2 /// XRN (mouse/S. cerevisiae) ribonuclease related	-1.11
181613_at	C50D2.8 /// status:Partially_confirmed	-1.08
181635_at	F55G11.2 /// status:Confirmed	-1.31
181663_at	T06H11.2 /// status:Predicted	-1.29
181674_at	T08H4.2 /// status:Partially_confirmed	-4.97
181839_at	status:Predicted /// ZC487.3	-1.46

181968_s_at	Member of AAA family binding CED-4 /// locus:mac-1	-1.09
182559_at	C01G10.6 /// status:Confirmed	-1.03
182588_at	C30E1.2 /// status:Predicted	-1.55
182684_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-98	-1.01
182761_at	R04A9.1 /// status:Predicted	-2.24
182890_at	R01H10.5 /// status:Partially_confirmed	-1.16
182996_at	F16B4.3 /// status:Predicted	-2.80
183320_at	F45E4.5 /// status:Confirmed	-1.06
183359_at	F58E2.4 /// status:Partially_confirmed	-1.15
183540_at	K02B12.6 /// status:Partially_confirmed	-1.23
183681_s_at	M03C11.7 /// status:Confirmed	-1.08
183721_at	F17E9.4 /// status:Confirmed	-3.31
183797_at	F-box B protein /// locus:fbxb-13	-2.44
183836_at	T25E12.6 /// status:Confirmed	-1.73
183900_at	T12B3.2 /// status:Partially_confirmed	-1.02
183920_s_at	BTB (Broad/complex/Tramtrack/Bric a brac) domain protein /// locus:btb-10	-2.58
184341_at	C35D10.8 /// status:Partially_confirmed	-1.08
184427_s_at	T23E7.2b	-1.07
184430_at	Ras activating factor in development Of Germline /// locus:rog-1	-1.11
184579_at	C04E12.4 /// status:Partially_confirmed	-1.32
184589_at	---	-1.12
184835_at	---	-2.17
184932_at	R11G11.3 /// status:Predicted	-2.51
185021_at	Prion-like-(Q/N-rich)-domain-bearing protein /// R11G11.6 /// locus:pqn-60 /// status:Partially_confirmed	-1.40
185303_at	E04F6.10 /// status:Partially_confirmed	-1.19
185352_at	T15B7.12 /// status:Partially_confirmed	-3.14
185385_at	status:Partially_confirmed /// Y38E10A.9	-2.62
185425_at	C-type LECTin /// locus:clec-4	-1.02
185491_at	F22E5.13 /// status:Confirmed	-1.70
186085_at	Serpentine Receptor, class V /// locus:srv-31	-3.89
186166_at	T10B11.7a	-1.00
186230_at	Serpentine Receptor, class B (beta) /// locus:srb-1	-4.24
186337_at	F43C11.3 /// status:Confirmed	-1.66
186528_s_at	F46E10.11 /// status:Confirmed	-1.01
186559_at	---	-1.78
186563_at	T23G5.3 /// status:Partially_confirmed	-1.14
186892_at	C-type LECTin /// locus:clec-133	-1.02
187376_at	ZK1128.2b	-1.54
187435_at	F52H2.6 /// status:Partially_confirmed	-1.03
187636_at	status:Partially_confirmed /// Y37D8A.17	-1.03
187661_at	T BoX family /// locus:tbx-35	-1.73
187758_at	UNCoordinated	-1.41
187921_at	K06H7.1 /// Protein kinase	-1.34
187994_at	TiTiN family	-1.18

188133_at	PaTched Related family	-1.10
188297_at	T04F8.4 /// locus:cutl-11	-1.13
188371_at	C08H9.4b	-1.20
188444_at	Heat Shock Protein /// locus:hsp-16.41	-1.02
188501_at	4R79.2 /// Ras family	-1.02
188572_s_at	K09C4.8 /// locus:sul-1	-1.16
188622_at	C09G5.5 /// locus:col-80	-1.22
188645_at	C.Elegans Homeobox /// locus:ceh-33	-1.07
188657_at	Histone H1 Like /// locus:hil-6	-1.60
188884_at	Seven TM Receptor /// locus:str-116	-1.77
188909_at	C55A6.3 /// dehydrogenase	-2.09
189088_at	---	-1.11
189711_at	Carbonic AnHydrase /// locus:cah-6	-1.03
189881_at	F53F4.1 /// chorion protein like	-1.45
190005_at	---	-2.82
190051_at	G Protein, Alpha subunit /// locus:gpa-2	-1.00
190176_at	HSN Abnormal Migration	-1.03
190211_at	F13E6.2 /// adenylate kinase like	-1.09
190257_at	---	-1.56
190476_at	Protein PHosphatase /// locus:pph-6	-1.36
190552_at	---	-1.40
190584_at	C09G5.4 /// locus:col-39	-1.31
190693_at	UDP-GlucuronosylTransferase /// locus:ugt-19	-1.35
191133_at	Serpentine Receptor, class H /// locus:srh-39	-1.46
191317_at	Seven TM Receptor /// locus:str-130	-1.09
191413_s_at	Serpentine Receptor, class J /// Serpentine Receptor, class J /// locus:srj-24 /// locus:srj-25	-1.00
191779_s_at	R10H10.7 /// tyrosine-protein kinase like	-1.15
191916_at	C06G4.5 /// G-protein coupled receptor	-1.01
191974_at	F55A3.6 /// nucleoside diphosphate kinase	-1.68
192773_at	C36B1.9 /// Zinc finger, C3HC4 type (RING finger)	-1.09
192848_s_at	D2030.7 /// Zinc finger, C3HC4 type (RING finger)	-1.03
192928_at	UNCoordinated /// locus:unc-39	-1.26
193045_at	sodium-dependent phosphate transporter /// ZK563.2	-1.24
193367_at	Serpentine Receptor, class X /// locus:srx-51	-1.22
193379_at	Serpentine Receptor, class D (delta) /// locus:srd-18	-1.34
193391_at	Maternal Effect Lethal /// locus:mel-26	-1.11
193504_at	G Protein, Alpha subunit /// locus:gpa-13	-1.31
193904_s_at	Overexpression Longevity Determinant /// Overexpression Longevity Determinant /// locus:old-1 /// locus:old-2	-1.23
193918_at	Calcium Channel, Alpha subunit	-1.28
193947_s_at	C39D10.7 /// similar to C. elegans proteins B0280.5, R02F2.4 and C07G2.1	-1.13
194046_s_at	LEThal /// locus:let-23	-1.12
194062_at	Guanylyl CYclase /// locus:gcy-36	-1.48
194157_s_at	FIP (Fungus-Induced Protein) Related /// locus:fipr-26	-1.13

表 5. ガジュツ抽出物あるいはケルセチンの 24 時間暴露により共通して発現誘導が認められた線虫の遺伝子群

Probe Set ID	Gene Title	ケルセチン (Log2 Ratio)	ガジュツ (Log2 Ratio)
171795_x_at	R12E2.14 /// status:Confirmed	1.90	2.07
171796_x_at	C02E7.6 /// status:Confirmed	1.56	1.42
172055_x_at	HIStone /// locus:his-3 /// locus:his-4 /// locus:his-7 /// locus:his-8 /// locus:his-12 /// locus:his-16 /// locus:his-19 /// locus:his-20 /// locus:his-21 /// locus:his-22 /// locus:his-29 /// locus:his-30 /// locus:his-33 /// locus:his-34 /// locus:his-43 /// locus:his-51 /// locus:his-52 /// locus:his-53 /// locus:his-54 /// locus:his-57 /// locus:his-65	1.00	1.35
172196_x_at	COLlagen /// locus:col-65	1.59	1.87
172293_x_at	status:Partially_confirmed /// status:Predicted /// Y26D4A.17 /// Y26D4A.5	1.01	1.44
172346_x_at	R12E2.7 /// status:Confirmed	1.20	1.52
172353_x_at	C02E7.6 /// status:Confirmed	1.46	1.65
172390_x_at	SKN-1 Dependent Zygotic transcript /// locus:sdz-37	1.14	1.45
172497_x_at	R12E2.15 /// status:Confirmed	1.98	2.39
172547_x_at	R12E2.14 /// status:Confirmed	1.53	2.24
172799_x_at	F53F1.5 /// cuticlin	1.62	1.84
172824_x_at	HIStone /// locus:his-4	1.10	1.03
172851_x_at	HIStone /// HIStone /// locus:his-29 /// locus:his-34	1.23	1.35
172989_s_at	R11A5.7 /// zinc carboxypeptidase	1.42	1.60
173004_s_at	GRound-Like (grd related)	1.77	1.79
173014_at	ZK20.6 /// locus:nep-1	1.12	1.32
173083_s_at	H10E21.4 /// calcium-binding protein	2.69	2.28
173123_at	Cell Division Cycle related	2.53	2.25
173132_s_at	T06A1.1 /// status:Partially_confirmed	1.39	2.74
173235_at	Y38C1BA.3 /// locus:col-109	2.01	2.37
173261_s_at	B0507.1 /// status:Partially_confirmed	2.12	1.80
173494_s_at	T20F5.4 /// status:Confirmed	1.13	1.32
173567_s_at	GRound-Like (grd related)	1.92	2.11
173576_at	ZK180.5c	1.63	1.89
173584_s_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-73	1.40	1.68
173661_s_at	Lin-12 and Glp-1 X-hybridizing	1.19	1.32
173664_at	Male ABnormal /// locus:mab-7	2.02	2.28
173947_at	F13H8.5 /// Phospholipase ADRAB-B (Rabbit)	2.61	1.58

174044_at	K04H4.2a	1.07	1.31
174071_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-95	1.42	1.65
174075_at	---	1.42	1.43
174178_at	Prion-like-(Q/N-rich)-domain-bearing protein	1.71	1.68
174256_at	Lin-12 and Glp-1 X-hybridizing	1.29	1.77
174378_at	T06A4.1b	1.34	1.48
174448_s_at	F28D1.9 /// fatty acid transport protein	1.06	1.38
174508_s_at	K08E7.5c	1.55	1.84
174650_at	F49E10.2a	1.32	1.15
174660_at	T19A5.3b	1.16	1.51
174661_s_at	T19A5.3b	1.28	1.38
174960_at	ZK1010.7 /// locus:col-97	1.43	1.60
174995_s_at	PaTched Related family /// locus:ptr-6	1.05	1.38
175008_at	F10D11.6 /// status:Partially_confirmed	2.24	2.05
175093_at	C26B9.7 /// status:Confirmed	1.18	1.43
175204_at	status:Partially_confirmed /// ZK829.3	1.52	1.63
175393_at	status:Partially_confirmed /// Y47D7A.13	1.71	1.93
175576_s_at	status:Confirmed /// Y75B7AR.1	1.15	1.43
175642_s_at	AntiBacterial Factor related /// locus:abf-2	1.09	1.36
176074_s_at	status:Partially_confirmed /// Y32G9B.1	1.49	1.41
176188_at	CaDHerin family /// locus:cdh-12	1.05	1.12
176274_at	status:Partially_confirmed /// Y52E8A.4	1.07	1.05
176293_at	status:Partially_confirmed /// Y71G12B.17	1.31	1.39
176327_s_at	GRound-Like (grd related) /// locus:grl-5	1.75	1.97
176330_at	status:Confirmed /// Y22D7AL.14	1.44	1.29
176672_at	W08G11.1 /// status:Partially_confirmed	1.50	1.81
176857_s_at	SaPosin-like Protein family /// locus:spp-7	1.30	1.60
177024_at	COLlagen /// locus:col-90	1.24	1.66
177049_s_at	status:Partially_confirmed /// status:Partially_confirmed /// Y73B6BL.23 /// ZK616.5	1.28	1.98
177106_at	status:Partially_confirmed /// Y61A9LA.7	1.14	1.35
177113_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-26	2.19	2.64
177247_at	BE10.2 /// status:Partially_confirmed	1.08	1.41
177270_at	JC8.12a	1.28	1.39
177505_at	T06G6.6b	1.40	1.74
177581_at	BListered cuticle /// locus:bli-5	1.00	1.42
177586_at	C15C6.1 /// status:Confirmed	1.29	1.65
177696_at	C30H6.5 /// status:Partially_confirmed	1.45	1.55
177801_at	C-type LECTin /// locus:clec-230	1.14	1.11
177870_at	C02F4.4 /// status:Confirmed	1.61	1.86
177929_s_at	T22H2.2	1.10	1.22
177942_at	F33A8.7 /// status:Confirmed	1.77	1.97
178038_at	T23F6.1 /// status:Confirmed	1.11	1.42

178111_at	F59F5.7 /// status:Partially_confirmed	1.32	1.03
178165_at	F46F3.3 /// status:Confirmed	1.44	1.33
178168_at	T01G9.1 /// status:Partially_confirmed	1.72	2.22
178189_at	F28C6.5 /// status:Partially_confirmed	1.11	1.29
178194_at	R07E3.6 /// status:Partially_confirmed	1.01	1.18
178204_at	T23F6.2 /// status:Predicted	1.04	1.79
178244_at	F01D5.6 /// status:Partially_confirmed	1.47	1.78
178330_at	C54C8.2 /// status:Partially_confirmed	1.96	1.27
178343_s_at	LIPaSe related /// locus:lips-9	1.99	2.46
178372_at	status:Partially_confirmed /// ZK829.3	1.56	1.87
178476_at	status:Partially_confirmed /// ZC434.3	1.39	1.68
178508_at	C14A4.9 /// status:Confirmed	1.06	1.42
178716_at	AuTophGy (yeast Atg homolog) /// locus:atg-10	1.08	1.23
178728_at	R01E6.2 /// status:Partially_confirmed	1.25	1.59
178861_at	K02D3.2 /// status:Partially_confirmed	1.06	1.22
178912_at	F35G2.5a	1.11	1.65
178929_at	F47G9.3 /// locus:cutl-18	1.21	1.42
179027_at	W02D9.4 /// status:Predicted	1.12	1.05
179131_at	T08G5.3 /// status:Confirmed	1.76	2.20
179159_at	C02B4.3 /// C02B4.4 /// status:Predicted /// status:Confirmed	2.16	2.04
179176_at	C52G5.2 /// status:Confirmed	1.20	1.26
179246_s_at	F54B8.1 /// M01B2.8 /// status:Partially_confirmed /// status:Partially_confirmed	1.50	1.82
179249_at	LIPaSe related /// locus:lips-6	2.60	3.06
179254_at	locus:zbed-6 /// Zinc finger protein (BED class)	1.91	1.86
179333_at	GRoundhog (hedgehog-like family) /// locus:grd-12	1.14	1.58
179335_at	K08E7.5c	1.72	2.48
179401_at	status:Confirmed /// ZK662.2	1.89	2.43
179600_at	C38C6.3 /// status:Confirmed	1.33	1.61
179749_at	Serpentine Receptor, class H /// locus:srh-32	1.56	2.18
179830_at	F01D5.10 /// status:Partially_confirmed	1.05	1.27
179868_at	status:Partially_confirmed /// Y81G3A.4	1.13	1.24
180136_at	status:Predicted /// ZK488.6	2.18	3.06
180189_s_at	T06A1.1 /// status:Partially_confirmed	1.07	2.38
180200_at	T13C2.2 /// status:Confirmed	1.20	1.24
180227_at	F21H7.10 /// status:Partially_confirmed	1.87	3.00
180277_at	T22D1.1 /// status:Predicted	1.41	2.54
180286_at	W03D8.11 /// status:Partially_confirmed	1.20	1.24
180418_at	T19D7.3 /// status:Confirmed	1.27	1.47
180462_at	C07E3.10 /// status:Confirmed	1.43	1.51
180505_at	Prion-like-(Q/N-rich)-domain-bearing protein	1.66	1.96
180524_at	T22B2.6 /// status:Confirmed	2.04	2.44
180605_s_at	C39E9.11 /// status:Confirmed	1.25	1.31

180614_at	T17H7.7 /// status:Partially_confirmed	1.40	1.80
180624_s_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-40	1.59	1.85
180647_at	F53B1.6 /// status:Partially_confirmed	1.19	1.10
180664_s_at	status:Partially_confirmed /// ZK180.6	2.11	2.57
180671_at	Cytochrome P450 family /// locus:cyp-33E3	1.28	2.75
180741_at	F36H9.5 /// status:Partially_confirmed	1.12	1.75
180841_at	C32H11.5 /// status:Confirmed	1.24	1.59
180846_at	C27D9.2 /// status:Confirmed	1.19	1.75
180848_at	C09D4.6 /// status:Partially_confirmed	1.91	2.80
180882_s_at	F18C5.5 /// status:Confirmed	1.26	1.46
180895_at	Delta and OSM-11-like /// locus:dos-2	1.15	1.69
180930_s_at	F25E2.2 /// status:Partially_confirmed	1.05	1.22
180948_at	F52E1.5 /// status:Partially_confirmed	1.16	1.05
181113_at	F40E10.5 /// status:Confirmed	1.54	2.44
181151_at	C26B9.2 /// status:Predicted	1.16	1.14
181182_at	R12E2.8 /// status:Partially_confirmed	1.13	1.25
181185_at	Serpentine Receptor, class H /// locus:srh-283	1.24	2.52
181317_at	C17F4.2 /// status:Partially_confirmed	1.35	1.61
181326_at	Ligand-Gated ion Channel /// locus:lgc-22	1.90	2.28
181343_at	C17F4.3 /// status:Confirmed	1.77	2.43
181410_s_at	F26G1.5 /// status:Partially_confirmed	1.54	1.71
181415_at	B0507.1 /// status:Partially_confirmed	1.14	1.28
181440_at	D1014.5 /// status:Confirmed	1.24	1.27
181681_at	SaPosin-like Protein family /// locus:spp-13	1.19	1.04
181707_at	F10D11.6 /// status:Partially_confirmed	1.65	1.86
181722_s_at	T01D1.4 /// status:Confirmed	1.54	1.90
181793_at	MoLTing defective /// locus:mlt-10	1.32	1.49
181872_at	Suppressor/Enhancer of Lin-12 /// locus:sel-7	1.06	1.36
181956_at	LIPaSe related	1.20	1.63
181963_at	C23H3.9d	1.01	1.72
182085_at	C23H3.9d	1.21	1.48
182104_at	status:Confirmed /// ZK1025.3	1.24	1.02
182111_at	D2024.4a	1.54	2.10
182346_at	status:Partially_confirmed /// ZC123.1	1.55	1.82
182419_at	F-box A protein /// locus:fbxa-203	1.56	1.15
182490_at	status:Partially_confirmed /// ZK470.6	2.35	2.52
182561_at	status:Partially_confirmed /// Y11D7A.9	1.53	1.83
182629_at	C50D2.1 /// status:Partially_confirmed	1.34	1.47
182639_at	C25F6.6 /// status:Predicted	1.67	2.15
182683_at	status:Partially_confirmed /// ZC250.3	1.23	1.80
182696_s_at	Chondroitin ProteoGlycan	1.36	1.23
182776_at	status:Confirmed /// Y45F3A.8	2.12	2.59
182987_at	W03B1.2 /// status:Partially_confirmed	1.15	1.29
183147_at	C06G1.2 /// status:Confirmed	1.81	2.43

183159_at	F09F9.2 /// status:Confirmed	1.24	1.51
183176_at	T07C12.8 /// status:Predicted	1.56	1.61
183185_at	F15H10.8 /// status:Partially_confirmed	1.29	1.61
183191_at	F38B6.7 /// status:Partially_confirmed	1.12	1.55
183237_s_at	ZK180.5c	2.05	2.46
183379_at	K01D12.9 /// status:Confirmed	2.24	1.38
183407_at	F40H3.3 /// status:Partially_confirmed	1.33	1.61
183415_at	K01D12.3 /// status:Partially_confirmed	3.23	4.40
183454_at	F38B6.1 /// status:Partially_confirmed	1.09	1.07
183480_at	C32H11.6 /// status:Predicted	1.33	1.83
183537_at	C03G6.6 /// status:Partially_confirmed	1.41	1.28
183539_s_at	C06E7.4 /// status:Confirmed	1.37	1.77
183577_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-95	1.99	2.53
183582_at	C47E12.6a	2.01	2.58
183601_at	C06E7.4 /// status:Confirmed	1.88	2.13
183717_at	F20B10.3 /// status:Partially_confirmed	1.07	1.01
183724_at	status:Confirmed /// Y11D7A.5	1.21	1.44
183731_at	K01D12.1 /// status:Partially_confirmed	2.31	3.77
183733_at	F44C8.7 /// status:Confirmed	1.44	2.33
183755_s_at	F46C8.8 /// status:Confirmed	1.94	2.14
183818_s_at	C05E7.1 /// status:Partially_confirmed	1.49	1.69
183911_at	T19A5.3b	1.17	1.41
183941_s_at	F56D3.1 /// status:Confirmed	1.01	1.39
183975_s_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-46	1.42	1.65
184091_at	GRound-Like (grd related) /// locus:grl-10	1.33	1.65
184106_at	M03F8.1 /// status:Partially_confirmed	3.50	4.04
184125_at	C05D12.1 /// status:Partially_confirmed	1.19	1.16
184138_at	K02E7.1a	1.75	2.18
184140_at	F49E8.2 /// status:Partially_confirmed	1.13	1.88
184151_at	F26A1.9 /// status:Partially_confirmed	1.85	1.70
184199_s_at	C04F1.1 /// status:Partially_confirmed	1.81	2.04
184205_at	status:Partially_confirmed /// Y52B11B.1	1.90	2.04
184220_at	C56C10.4 /// status:Confirmed	1.20	1.65
184236_at	T24C12.4 /// status:Partially_confirmed	1.75	2.76
184254_at	C46H11.7 /// status:Partially_confirmed	1.37	2.13
184268_s_at	PHaryngeal gland Toxin-related /// locus:phat-2	1.30	1.71
184335_at	DumPY : shorter than wild-type /// locus:dpy-1	1.06	1.03
184352_at	C17H12.6 /// status:Partially_confirmed	1.09	2.03
184662_at	status:Partially_confirmed /// Y46G5A.29	1.53	1.33
184682_s_at	K09B11.10 /// status:Partially_confirmed	1.98	1.97
184684_at	Y53F4B.27a	1.31	1.51
184693_s_at	C32H11.11 /// C32H11.8 /// status:Predicted /// status:Predicted	1.67	1.78
184828_s_at	MoLTing defective	1.39	1.44

185108_at	F36F12.1 /// status:Partially_confirmed	1.37	2.83
185172_s_at	CHitin Synthase /// locus:chs-2	1.22	1.22
185231_at	F41E6.14 /// status:Predicted	1.22	1.28
185287_at	status:Partially_confirmed /// Y53F4B.25	1.74	2.11
185334_s_at	R02F11.1 /// status:Confirmed	1.14	1.52
185390_at	F49D11.6 /// status:Predicted	1.24	2.45
185424_s_at	F33D4.6b	1.45	1.65
185468_at	GRound-Like (grd related) /// locus:grl-15	1.25	1.75
185593_at	H23N18.5 /// status:Partially_confirmed	1.98	2.36
185764_s_at	F33D4.6b	1.44	1.67
185795_at	Prion-like-(Q/N-rich)-domain-bearing protein	1.97	2.39
185933_at	F49E10.2a	1.35	1.70
185972_at	H42K12.3 /// status:Confirmed	1.13	1.51
186106_at	T14G12.6 /// status:Predicted	2.12	2.54
186134_at	status:Partially_confirmed /// Y62H9A.12	1.40	1.25
186249_at	C03A7.12 /// status:Partially_confirmed	1.44	1.60
186758_at	status:Partially_confirmed /// Y39A3CR.5	1.22	1.67
186764_s_at	F16G10.11 /// status:Predicted	2.48	3.02
186814_at	R07B1.6 /// status:Predicted	1.32	1.15
186865_at	R07B1.5 /// status:Predicted	1.21	1.63
186927_s_at	GRound-Like (grd related)	1.76	1.98
186998_at	C35A5.5 /// status:Partially_confirmed	1.06	1.17
187162_s_at	status:Partially_confirmed /// Y38A10A.2	1.22	1.52
187228_at	R07G3.6 /// status:Confirmed	1.60	1.75
187278_at	C28H8.5a	2.44	2.80
187329_at	T19C3.2 /// status:Partially_confirmed	1.58	1.51
187509_at	B0280.7 /// status:Confirmed	1.90	2.22
187630_at	C30G12.1 /// status:Predicted	1.17	1.66
187885_at	C02D5.1 /// locus:acd-6	1.67	1.79
187901_s_at	Male ABnormal /// locus:mab-7	1.34	1.85
188102_s_at	PaTched Related family /// locus:ptr-2	1.01	1.27
188116_at	Onchocerca Related Antigen family /// locus:ora-1	1.78	2.24
188188_s_at	PaTched Related family /// locus:ptr-18	1.54	1.95
188312_at	F57B7.3 /// locus:col-156	1.49	1.51
188331_s_at	C39E9.3 /// locus:col-131	2.18	2.03
188368_at	ZK836.1 /// locus:lon-3	1.03	1.30
188461_s_at	F29B9.9 /// locus:col-111	1.81	1.85
188537_s_at	ZK20.6 /// locus:nep-1	1.37	1.59
188589_at	F33D11.3 /// locus:col-54	1.27	1.66
188611_s_at	Fem-3 mRNA Binding Factor /// locus:fbf-2	1.42	1.18
188659_at	Y38C1BA.3 /// locus:col-109	1.09	1.30
188705_s_at	T06D8.10 /// peroxidase	2.36	2.31
188747_at	Y54E10BL.2 /// locus:col-48	1.79	2.06
189221_at	Cytochrome P450 family /// locus:cyp-37B1	1.15	1.56
189278_s_at	T21D11.1 /// zinc protease	5.20	5.81

189443_at	T19B10.9 /// max protein like	1.07	1.08
189455_at	C27A2.4 /// acid phosphatase	1.37	1.74
189458_s_at	T07F10.1a	1.36	1.37
189747_at	F14E5.1 /// glucose transporter	1.29	1.42
189797_s_at	COLlagen /// locus:col-104	1.38	1.70
189814_s_at	COLlagen /// locus:col-173	1.43	1.58
189847_at	R12A1.3 /// protease inhibitor	1.29	1.83
189891_at	M02G9.1 /// keratin like protein	1.65	2.28
189952_at	R08B4.1b	1.05	1.36
189987_s_at	Nematode AStacin protease /// locus:nas-36	1.38	1.09
190020_at	T23F2.1 /// locus:bus-8	1.31	1.60
190091_at	SQuaT /// locus:sqt-2 /// status:Confirmed	1.27	1.87
190134_s_at	T10B10.1 /// locus:col-41	1.81	2.02
190193_s_at	R11A5.7 /// zinc carboxypeptidase	1.22	1.50
190213_s_at	C16C8.2 /// peroxidase precursor	2.26	2.23
190306_s_at	locus:wrt-8 /// WaRThog (hedgehog-like family)	1.26	1.08
190326_at	CadHerin family /// locus:cdh-9	1.12	1.35
190340_s_at	locus:wrt-4 /// WaRThog (hedgehog-like family)	1.97	2.35
190360_s_at	DumPY : shorter than wild-type /// locus:dpy-5	1.42	1.57
190386_at	T13H5.3 /// chitinase-like repeats	1.02	1.57
190479_s_at	QUAhog (hedgehog related) /// locus:qua-1	1.34	1.00
190601_at	C05C9.1 /// LBP / BPI / CETP family	1.01	1.44
190615_s_at	F13B12.4 /// cysteine synthase like	1.48	1.20
190713_at	Fungus-Induced Protein /// locus:fip-1	2.18	1.94
190766_s_at	Nematode AStacin protease /// locus:nas-15	1.65	2.07
190877_at	Nematode AStacin protease /// locus:nas-7	1.31	1.29
190901_s_at	K04H4.2a	1.11	1.61
191001_s_at	H10E21.4 /// calcium-binding protein	2.30	2.16
191036_at	LIPaSe related /// locus:lips-3	2.14	2.35
191042_at	Nuclear Hormone Receptor family /// locus:nhr-181	1.03	1.09
191066_s_at	UDP-GlucuronosylTransferase	1.02	1.74
191180_at	locus:wrt-1 /// WaRThog (hedgehog-like family)	1.06	1.70
191217_s_at	F30H5.3 /// Serine protease inhibitor	1.15	1.70
191522_s_at	Osmotic Stress Resistant /// locus:osr-1	1.07	1.24
191612_at	F28D1.9 /// fatty acid transport protein	1.52	1.38
191688_at	F15B9.8 /// Thrombospondin type 1 domain	1.37	1.62
192026_at	COLlagen	1.85	1.97
192038_at	C06H2.3 /// Acetyltransferase (GNAT) family	1.08	1.41
192089_s_at	F13H8.5 /// Phospholipase ADRAB-B (Rabbit)	1.46	1.74
192153_at	M153.1 /// pyrroline-5-carboxylate reductase	1.05	1.37
192252_at	F18F11.4 /// serine/threonine-protein kinase	1.85	1.21
192610_at	Nematode AStacin protease /// locus:nas-12	1.97	2.34
192682_at	ROLler: helically twisted, animals roll when moving /// locus:rol-6	1.21	1.53
192967_at	ROLler: helically twisted, animals roll when	1.08	1.24

	moving		
192968_s_at	ROlner: helically twisted, animals roll when moving	1.10	1.33
193147_at	F01G10.10 /// lipopolysaccharide-binding protein like	1.36	1.26
193258_at	PHarynx-associated GAS (growth arrest protein) related /// locus:phg-1	1.17	1.71
193327_at	F53B1.4 /// thymidine diphosphoglucose 4,6-dehydratase	1.77	2.21
193409_at	LRP X(cross)-hybridizing /// locus:lrx-1	1.35	1.99
193477_s_at	E01G6.1 /// pancreatic trypsin inhibitor (kunitz) protein	1.22	1.44
193601_at	K10H10.6 /// Alcohol/other dehydrogenases, short chain type	1.74	2.41
193677_at	F32D8.7b	1.20	1.14
193686_at	See oma /// locus:moe-3	1.59	1.91
193991_at	F41G3.3 /// calcium channel protein alpha-1 chain isoform (PIR:A41098) (weak)	1.37	2.03
194146_x_at	F49E2.1b	1.08	1.33
194238_x_at	MoLTing defective	1.36	1.39

表 6. ガジュツ抽出物あるいはケルセチンの 24 時間暴露により共通して発現抑制が認められた線虫の遺伝子群

Probe Set ID	Gene Title	ガジュツ (Log2 Ratio)	ケルセチン (Log2 Ratio)
172332_at	T24D8.6 /// status:Partially_confirmed	-4.98	-2.62
172474_x_at	Nematode Specific Peptide family, group B /// locus:nspb-11	-1.03	-1.12
172623_at	status:Partially_confirmed /// Y105C5A.10	-1.99	-1.58
173096_at	K08D12.6 /// status:Confirmed	-1.07	-1.90
173274_s_at	W01F3.2 /// status:Confirmed	-1.05	-1.39
173310_at	status:Confirmed /// Y51F10.7	-1.05	-1.29
173977_at	Deubiquitylating with USP/UBP and OTU domains /// locus:duo-3	-1.00	-1.26
174573_at	potassium channel, KvQLT family	-1.03	-2.05
174971_at	CKA And Striatin Homolog /// locus:cash-1	-1.19	-1.26
175760_at	F56H11.1a	-1.23	-1.40
177032_at	COLagen /// locus:col-91	-1.12	-1.35
177167_at	status:Partially_confirmed /// Y38C1AA.9	-1.07	-1.07
177445_at	Serpentine Receptor, class G (gamma) /// locus:srg-64	-1.92	-3.77
178430_at	C35C5.9 /// status:Confirmed	-1.05	-1.08
179615_at	Seven TM Receptor /// locus:str-45	-3.72	-2.12
179892_at	K06A5.2 /// status:Confirmed	-1.13	-1.02
179970_at	C27F2.6 /// status:Partially_confirmed	-2.47	-2.99
180627_at	K04F1.9 /// status:Partially_confirmed	-1.48	-1.08
180829_at	F23B2.10 /// status:Partially_confirmed	-1.50	-2.19
182559_at	C01G10.6 /// status:Confirmed	-1.03	-1.09
182684_at	Prion-like-(Q/N-rich)-domain-bearing protein /// locus:pqn-98	-1.01	-2.21
183359_at	F58E2.4 /// status:Partially_confirmed	-1.15	-1.42
184579_at	C04E12.4 /// status:Partially_confirmed	-1.32	-1.69
185021_at	Prion-like-(Q/N-rich)-domain-bearing protein /// R11G11.6 /// locus:pqn-60 /// status:Partially_confirmed	-1.40	-1.10
185385_at	status:Partially_confirmed /// Y38E10A.9	-2.62	-3.05
185425_at	C-type LECTin /// locus:clec-4	-1.02	-1.33
186230_at	Serpentine Receptor, class B (beta) /// locus:srb-1	-4.24	-1.34
186337_at	F43C11.3 /// status:Confirmed	-1.66	-2.12
186528_s_at	F46E10.11 /// status:Confirmed	-1.01	-1.10
187994_at	TiTiN family	-1.18	-1.48
188133_at	PaTched Related family	-1.10	-1.33
188371_at	C08H9.4b	-1.20	-1.11
188622_at	C09G5.5 /// locus:col-80	-1.22	-2.65
188884_at	Seven TM Receptor /// locus:str-116	-1.77	-1.35
190211_at	F13E6.2 /// adenylate kinase like	-1.09	-1.18