

Transcriptional profiling of chickpea genes differentially regulated by salicylic acid, methyl jasmonate and aminocyclopropane carboxylic acid to reveal pathways of defence-related gene regulation

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Supplemental Table 1

Lists of DE transcripts in all chickpea genotypes after treatment with ACC, SA and MeJA. Fold change represents the log₂ of mean expression ratio of treated vs control samples, and 95% +/- is the interval above and below the mean corresponding to the 95% confidence interval. For 'clone source', CA indicates *Cicer arietinum* and LS indicates *Lathyrus sativus*

ACC

| Time-point | Condition | Fold change | 95% +/- | Clone source | Putative function | GenBank accession | | |
|------------|-----------|-------------|-----------------------------|--------------|---|-------------------|-------------------|----------|
| 03 hpt | IC Up | 1.93 | 0.16 | CA | Multi-resistance ABC transporter protein | CV793605 | | |
| | | 1.78 | 0.15 | CA | Oxygen splitting enhancer of photosystem II | DY475060 | | |
| | | 1.31 | 0.12 | LS | EREBP-4 | DY396395 | | |
| | | 1.22 | 0.07 | CA | Fructose-1,6-bisphosphatase | DY475543 | | |
| | | 1.20 | 0.09 | LS | EREBP-4 | DY396400 | | |
| | | 1.20 | 0.20 | CA | S1-3 homologue | CV793591 | | |
| | | 1.14 | 0.11 | CA | Unknown | EB085028 | | |
| | | 1.14 | 0.07 | CA | Cytosolic fructose 1,6-bisphosphatase | DY475548 | | |
| | | 1.13 | 0.19 | CA | Unclear | DY475175 | | |
| | | 0.95 | 0.24 | LS | Glutathione S-transferase | DY396404 | | |
| | | 0.87 | 0.19 | LS | Histidine-containing phosphotransfer protein | DY396300 | | |
| | | LA Up | LA Up | 2.23 | 0.34 | CA | Unknown | EB085028 |
| | | | | 1.68 | 0.50 | CA | Thylakoid protein | DY475305 |
| 1.46 | 0.36 | | | CA | Unclear | DY475175 | | |
| 1.45 | 0.23 | | | CA | Superoxide dismutase copper chaperone precursor | DY475397 | | |
| 1.34 | 0.37 | | | CA | Unknown | EB085044 | | |
| 1.23 | 0.49 | | | CA | Unknown | DY475365 | | |
| 1.22 | 0.42 | | | CA | PPF1 – post floral protein | DY475509 | | |
| 1.20 | 0.16 | | | CA | Unknown | DY475191 | | |
| 1.18 | 0.42 | | | LS | Glycolate oxidase | DY396348 | | |
| 1.16 | 0.45 | | | CA | Unclear | DY475355 | | |
| 1.14 | 0.23 | | | CA | Cytochrome P450 | DY475136 | | |
| 1.08 | 0.13 | | | LS | EREBP-4 | DY396400 | | |
| 1.08 | 0.37 | | | CA | Unknown | DY475160 | | |
| 1.07 | 0.09 | | | CA | Disease resistance response protein DRRG49-C | EB085032 | | |
| 1.06 | 0.36 | | | CA | 26S rRNA | EB085013 | | |
| 1.05 | 0.09 | | | CA | Histidine-containing phosphotransfer protein | DY475511 | | |
| 1.05 | 0.34 | | | CA | 50S ribosomal protein | DY475359 | | |
| 1.04 | 0.39 | | | CA | Unknown | EB085034 | | |
| 1.02 | 0.36 | | | CA | Ribose 5-phosphate isomerase | DY475240 | | |
| 0.96 | 0.32 | | | CA | Similar to ferredoxin-thioredoxin reductase | DY475304 | | |
| 0.92 | 0.11 | | | CA | Unknown | DY475064 | | |
| 0.90 | 0.59 | | | CA | Unknown | EB085014 | | |
| 0.88 | 0.16 | | | LS | Histidine-containing phosphotransfer protein | DY396300 | | |
| 0.88 | 0.34 | | | CA | Chloroplast 4.5S/5S/16S/23S mRNA | DY475154 | | |
| 0.86 | 0.27 | | | CA | Translational activator | EB085015 | | |
| 0.86 | 0.25 | | | CA | Unknown | DY475461 | | |
| 0.83 | 0.41 | | | CA | Succinate dehydrogenase subunit 3 | DY475443 | | |
| 0.83 | 0.32 | | | CA | Histidine-rich glycoprotein precursor | DY475271 | | |
| 0.82 | 0.19 | | | LS | EREBP-4 | DY396395 | | |
| 0.82 | 0.27 | | | CA | 50S ribosomal protein | DY475131 | | |
| 0.80 | 0.28 | | | CA | Unknown | DY475075 | | |
| 0.79 | 0.31 | | | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 | | |
| 0.76 | 0.31 | CA | Chloroplast genome DNA | DY475176 | | | | |
| 0.72 | 0.30 | LS | Magnesium chelatase subunit | DY396363 | | | | |
| 0.71 | 0.36 | CA | Chloroplast DNA | EB085054 | | | | |

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|---------|---------|-------|------|---|----------|----------|
| FL Up | 1.81 | 0.50 | CA | Leucine-zipper containing protein | CV793601 | |
| | 1.74 | 0.55 | CA | Unknown | EB085057 | |
| | 1.51 | 0.05 | CA | Unknown | DY475293 | |
| | 1.46 | 0.39 | CA | Photosystem I reaction centre subunit VI-2 | DY475285 | |
| | 1.43 | 0.47 | CA | Photosystem I reaction centre subunit XI | DY475132 | |
| | 1.32 | 0.19 | CA | Anthranilate phosphoribosyltransferase | DY475507 | |
| | 1.21 | 0.27 | CA | Unknown | EB085030 | |
| | 1.19 | 0.06 | CA | Asparagine synthetase | DY475477 | |
| | 1.10 | 0.28 | CA | Chloroplast CP12 mRNA | DY475058 | |
| | 1.02 | 0.28 | CA | Unknown | EB085051 | |
| | 1.00 | 0.38 | CA | Oxygen splitting enhancer of photosystem II | DY475052 | |
| | 0.96 | 0.29 | CA | Chlorophyll a/b binding protein | DY475202 | |
| | 0.75 | 0.26 | CA | Light inducible protein of photosystem II | DY475129 | |
| | IC Down | -3.10 | 0.97 | CA | Unknown | DY475236 |
| | | -2.55 | 0.47 | CA | Unknown | DY475339 |
| -2.14 | | 0.23 | CA | 26S rRNA | DY475540 | |
| -2.09 | | 0.25 | CA | 18S nuclear rRNA | DY475150 | |
| -1.85 | | 0.35 | CA | 26S rRNA | DY475211 | |
| -1.74 | | 0.55 | CA | Chloroplast Val-tRNA | DY475537 | |
| -1.61 | | 0.80 | CA | Phosphate-induced protein | DY475172 | |
| -1.57 | | 0.33 | CA | Chlorophyll a/b binding protein | DY475534 | |
| -1.56 | | 0.21 | LS | Cornifin alpha (small proline-rich protein) | DY396399 | |
| -1.56 | | 0.69 | CA | Unknown | DY475481 | |
| -1.51 | | 0.16 | CA | Unknown | DY475539 | |
| -1.46 | | 0.54 | LS | Protein kinase-like protein | DY396362 | |
| -1.28 | | 0.25 | CA | Unclear | DY475099 | |
| -1.19 | | 0.41 | CA | Proton pump interacting protein | DY475434 | |
| -1.14 | | 0.28 | CA | Unknown | DY475347 | |
| -1.12 | | 0.63 | CA | Probable 3-hydroxyisobutyrate dehydrogenase mitochondrial precursor | DY475417 | |
| -1.11 | | 0.36 | CA | 18S rRNA | DY475542 | |
| -1.09 | | 0.05 | CA | Unknown | DY475311 | |
| -1.06 | | 0.30 | CA | Unknown | DY475431 | |
| -1.05 | | 0.21 | CA | Phosphate-induced protein | EB085042 | |
| -1.04 | | 0.39 | LS | Ca-binding carrier protein | DY396262 | |
| -0.99 | | 0.24 | CA | 5.8S, 18S and 25S rRNA | EB085033 | |
| -0.96 | | 0.13 | LS | RAC-GTP binding protein-like | DY396336 | |
| -0.94 | | 0.11 | LS | Serine/threonine protein kinase | DY396307 | |
| -0.93 | | 0.13 | CA | Peptidase-like protein | DY475387 | |
| -0.90 | | 0.22 | CA | Unknown | EB085061 | |
| -0.90 | | 0.28 | CA | ATP Synthase C chain (lipid binding protein) | DY475464 | |
| -0.81 | | 0.19 | CA | Unknown | DY475253 | |
| -0.81 | | 0.36 | CA | Unknown | DY475513 | |
| -0.80 | | 0.27 | CA | Unknown | DY475338 | |
| -0.79 | | 0.29 | CA | Unclear | DY475217 | |
| -0.75 | | 0.45 | CA | Unclear | DY475095 | |
| -0.71 | | 0.55 | CA | Chlorophyll mRNA | EB085059 | |
| LA Down | -6.15 | 0.73 | CA | Oxygen splitting enhancer of photosystem II | DY475060 | |
| | -3.36 | 0.79 | CA | Unknown | DY475481 | |
| | -3.33 | 0.54 | LS | Disease resistance response protein DRRG49-C | DY396265 | |
| | -3.18 | 0.63 | CA | Unknown | DY475513 | |
| | -3.03 | 1.17 | LS | Pathogenesis-related protein | DY396301 | |
| | -2.90 | 1.01 | CA | Unclear | DY475444 | |
| | -2.66 | 0.67 | LS | Transcription initiation protein SPT4 | DY396309 | |
| | -2.50 | 1.17 | CA | Chloroplast Val-tRNA | DY475537 | |

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|-------|------|----|---|----------|
| -2.40 | 0.57 | LS | Pathogenesis-related protein | DY396343 |
| -2.36 | 0.33 | CA | Unknown | DY475084 |
| -2.35 | 0.39 | CA | Asparagine synthetase | DY475475 |
| -2.33 | 0.53 | CA | Chlorophyll mRNA | EB085059 |
| -2.28 | 0.89 | CA | Unknown | EB085063 |
| -2.26 | 0.44 | CA | S-adenosylmethionine decarboxylase | DY475170 |
| -2.21 | 0.18 | CA | 18S rRNA | DY475542 |
| -2.17 | 0.59 | LS | Poly(A)-binding protein | DY396412 |
| -2.14 | 1.03 | CA | Unknown | DY475401 |
| -2.11 | 1.12 | CA | Unknown | DY475356 |
| -2.10 | 0.54 | LS | Xyloglucan endotransglycosylase | DY396308 |
| -2.08 | 0.50 | LS | GTP-binding protein SAR1A | DY396259 |
| -2.05 | 0.74 | CA | Unknown | DY475327 |
| -1.96 | 0.86 | LS | Putative auxin-repressed protein | DY396359 |
| -1.91 | 0.53 | CA | Unknown | DY475185 |
| -1.91 | 0.44 | CA | S1-3 homologue | CV793591 |
| -1.91 | 0.59 | LS | Disease resistance response protein 39 precursor | DY396296 |
| -1.89 | 0.58 | CA | Unknown | DY475533 |
| -1.84 | 0.20 | CA | Unknown | DY475236 |
| -1.82 | 0.70 | CA | Unknown | DY475223 |
| -1.79 | 0.71 | CA | Unknown | EB085022 |
| -1.77 | 0.74 | CA | Phosphate-induced protein | DY475076 |
| -1.76 | 1.64 | LS | Putative auxin-repressed protein | DY396289 |
| -1.65 | 0.86 | CA | SNAKIN2 antimicrobial peptide precursor | CV793606 |
| -1.56 | 0.43 | CA | Unknown | DY475364 |
| -1.56 | 0.17 | CA | Phosphate-induced protein | DY475172 |
| -1.54 | 0.63 | CA | Unclear | DY475313 |
| -1.52 | 0.50 | CA | Chloroplast 16S rRNA | DY475101 |
| -1.52 | 0.46 | LS | Cytochrome B5 | DY396340 |
| -1.49 | 0.45 | CA | Xylosidase | DY475408 |
| -1.44 | 0.52 | CA | Proline-rich structural protein | DY475348 |
| -1.38 | 0.50 | CA | Unknown | DY475414 |
| -1.36 | 0.49 | CA | Unknown | DY475159 |
| -1.35 | 0.39 | LS | Glutathione S-transferase | DY396404 |
| -1.34 | 0.53 | CA | Unknown | DY475206 |
| -1.33 | 0.24 | CA | RNA polymerase beta subunit | DY475196 |
| -1.32 | 0.33 | CA | Fructose-1,6-bisphosphatase | DY475543 |
| -1.30 | 0.08 | CA | Chloroplast 16S rRNA | DY475146 |
| -1.26 | 0.55 | LS | Thioredoxin | DY396293 |
| -1.25 | 0.56 | CA | Unknown | DY475203 |
| -1.24 | 0.75 | CA | Unknown | DY475472 |
| -1.23 | 0.32 | CA | Unclear | DY475546 |
| -1.23 | 0.43 | CA | Thioredoxin | DY475069 |
| -1.21 | 0.06 | CA | 18S nuclear rRNA | DY475150 |
| -1.21 | 0.61 | CA | Chloroplast DNA between Rubisco large subunit and ATPase (beta) genes | DY475518 |
| -1.19 | 0.36 | LS | Disease resistance response protein 39 precursor | DY396277 |
| -1.15 | 0.10 | CA | Phosphate-induced protein | EB085042 |
| -1.15 | 0.08 | CA | 26S rRNA | DY475211 |
| -1.13 | 0.26 | LS | Small GTP-binding protein | DY396367 |
| -1.11 | 0.32 | LS | Lectin-like protein | DY396427 |
| -1.11 | 0.54 | CA | Unknown | EB085052 |
| -1.08 | 0.39 | CA | Similar to endopeptidase | DY475396 |
| -1.02 | 0.24 | CA | Unclear | DY475473 |
| -1.02 | 0.08 | CA | Unknown | DY475462 |
| -1.01 | 0.25 | CA | Unknown | DY475391 |
| -0.98 | 0.56 | LS | Putative auxin-repressed protein | DY396269 |
| -0.97 | 0.18 | LS | Guanine nucleotide regulatory protein | DY396313 |

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|---------|-------|------|------|---|---|----------|
| | -0.96 | 0.50 | CA | NADH-plastoquinone oxidoreductase | DY475287 | |
| | -0.96 | 0.34 | LS | Putative auxin-repressed protein | DY396292 | |
| | -0.93 | 0.21 | CA | Unclear | DY475284 | |
| | -0.92 | 0.30 | CA | Carbonic anhydrase like protein | DY475403 | |
| | -0.91 | 0.21 | LS | Thioredoxin H-type 1 | DY396330 | |
| | -0.89 | 0.39 | CA | Unknown | DY475340 | |
| | -0.89 | 0.15 | CA | Unknown | DY475263 | |
| | -0.89 | 0.32 | CA | NADH dehydrogenase | DY475316 | |
| | -0.88 | 0.45 | CA | Beta glucosidase | DY475415 | |
| | -0.86 | 0.36 | LS | RAC-GTP binding protein-like | DY396336 | |
| | -0.86 | 0.22 | CA | Unknown | DY475347 | |
| | -0.82 | 0.39 | LS | TMV resistance protein-like | DY396385 | |
| | -0.82 | 0.20 | LS | Ubiquitin | DY396326 | |
| | -0.82 | 0.31 | LS | L-ascorbate peroxidase cytosolic | DY396435 | |
| | -0.79 | 0.56 | LS | Senescence-associated protein DIN1 | DY396338 | |
| | -0.76 | 0.33 | LS | Transport protein SEC61 gamma subunit | DY396418 | |
| | -0.75 | 0.27 | CA | Chloroplast DNA | EB085019 | |
| FL Down | -4.40 | 1.13 | CA | Unknown | DY475485 | |
| | -4.21 | 1.28 | LS | Pathogenesis-related protein | DY396343 | |
| | -3.89 | 1.49 | LS | 18.2 KDA class I heat shock protein | DY396282 | |
| | -3.53 | 0.98 | LS | EREBP-4 | DY396395 | |
| | -3.52 | 0.74 | CA | Unclear | DY475175 | |
| | -3.41 | 1.18 | LS | Polyubiquitin | DY396410 | |
| | -3.13 | 0.82 | LS | Environmental stress inducible protein | DY396298 | |
| | -3.11 | 0.97 | CA | Unknown | DY475084 | |
| | -2.91 | 1.26 | LS | Putative ubiquitin protein | DY396366 | |
| | -2.85 | 0.59 | CA | Superoxide dismutase copper chaperone precursor | DY475397 | |
| | -2.81 | 0.31 | CA | NADH-plastoquinone oxidoreductase | DY475287 | |
| | -2.38 | 0.35 | CA | NADH dehydrogenase | DY475316 | |
| | -2.37 | 0.59 | CA | Unknown | DY475203 | |
| | -2.18 | 1.08 | CA | Unknown | DY475185 | |
| | -1.88 | 1.47 | CA | Unknown | DY475536 | |
| | -1.59 | 0.07 | CA | Hypothetical transmembrane protein | DY475478 | |
| | -1.57 | 0.35 | CA | Disease resistance response protein DRRG49-C | EB085032 | |
| | -1.48 | 0.31 | CA | Unclear | DY475313 | |
| | -1.40 | 0.13 | CA | Unclear | DY475205 | |
| | -1.38 | 0.15 | CA | S-adenosylmethionine decarboxylase | DY475170 | |
| | -1.36 | 0.02 | LS | Pathogenesis-related protein 4A | DY396281 | |
| | -1.32 | 0.23 | CA | Membrane sugar-transport protein | DY475239 | |
| | -1.24 | 0.04 | CA | Thioredoxin H-type 1 | DY396330 | |
| | -1.20 | 0.04 | CA | Similar to endopeptidase | DY475396 | |
| | -1.18 | 0.36 | CA | L-allo-threonine aldolase | DY475068 | |
| | -1.18 | 0.03 | LS | Hypothetical proline-rich protein | DY396288 | |
| | -1.09 | 0.40 | CA | Amino acid transferase | DY475122 | |
| | -1.08 | 0.63 | LS | Poly(A)-binding protein | DY396412 | |
| | -1.05 | 0.04 | CA | Thiazole biosynthetic enzyme | DY475242 | |
| | -0.98 | 0.54 | CA | Unclear | DY475319 | |
| | -0.96 | 0.04 | CA | FKBP-type peptidyl-prolyl cis-trans isomerase | DY475406 | |
| | -0.94 | 0.31 | CA | Protein kinase mRNA | DY475470 | |
| | -0.93 | 0.16 | CA | Aquaporin membrane protein | DY475174 | |
| | -0.86 | 0.17 | CA | Unclear | DY475367 | |
| | -0.82 | 0.39 | CA | Chloroplast 4.5S, 5S, 16S and 23S mRNA | DY475545 | |
| | -0.81 | 0.21 | CA | Unknown | DY475048 | |
| | -0.76 | 0.43 | LS | Putative auxin-repressed protein | DY396269 | |
| | -0.75 | 0.54 | CA | Unknown | DY475431 | |
| 27 hpt | IC Up | 3.93 | 0.34 | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 |

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|------|------|----|--|----------|
| 2.70 | 0.62 | LS | Pathogenesis-related protein | DY396305 |
| 2.56 | 0.62 | CA | Unknown | DY475520 |
| 2.47 | 0.51 | CA | Cytochrome P450 | DY475136 |
| 2.33 | 0.53 | CA | Pathogenesis-related protein 4A | CV793597 |
| 2.00 | 0.47 | CA | Unclear | DY475222 |
| 1.98 | 0.50 | CA | Unclear | DY475226 |
| 1.96 | 0.36 | CA | Nuclear transport factor | DY475059 |
| 1.95 | 0.44 | LS | Glycolate oxidase | DY396348 |
| 1.86 | 0.27 | CA | Leucine-zipper containing protein | CV793601 |
| 1.85 | 0.46 | CA | Unknown | EB085037 |
| 1.84 | 0.47 | CA | Multispanning membrane protein | DY475410 |
| 1.82 | 0.48 | CA | Histidine-containing phosphotransfer protein | DY475511 |
| 1.81 | 0.54 | CA | Unknown | DY475054 |
| 1.75 | 0.43 | CA | Unknown | EB085035 |
| 1.72 | 0.55 | CA | Unknown | EB085034 |
| 1.72 | 0.47 | CA | Auxin-repressed protein | DY475078 |
| 1.70 | 0.62 | LS | Ubiquitin | DY396326 |
| 1.69 | 0.43 | CA | Flavonol glucosyl transferase | CV793607 |
| 1.67 | 0.40 | CA | Cinnamyl-alcohol-dehydrogenase (CAD) | CV793602 |
| 1.66 | 0.25 | LS | Pathogenesis-related protein 4A | DY396281 |
| 1.66 | 0.39 | CA | Cysteine protease | DY475458 |
| 1.66 | 0.40 | CA | 60S rRNA | EB085023 |
| 1.64 | 0.50 | CA | Gamma-thionen type defensin/protease inhibitor | CV793588 |
| 1.63 | 0.60 | LS | Polyubiquitin | DY396302 |
| 1.61 | 0.47 | LS | Catalase | DY396413 |
| 1.60 | 0.36 | CA | Protein kinase | DY475103 |
| 1.59 | 0.36 | CA | Unknown | DY475160 |
| 1.53 | 0.62 | LS | Polyubiquitin | DY396378 |
| 1.52 | 0.45 | CA | Aquaporin | DY475124 |
| 1.50 | 0.14 | CA | Unknown | DY475191 |
| 1.50 | 0.57 | LS | Ubiquitin | DY396368 |
| 1.47 | 0.40 | CA | PPF1 - post floral protein | DY475509 |
| 1.45 | 0.15 | CA | Unknown | EB085028 |
| 1.45 | 0.47 | CA | Unclear | DY475086 |
| 1.42 | 0.30 | CA | Cysteine protease | DY475066 |
| 1.42 | 0.41 | CA | Unknown | DY475098 |
| 1.41 | 0.46 | CA | Unknown | DY475349 |
| 1.40 | 0.47 | CA | Auxin repressed protein | DY475137 |
| 1.39 | 0.33 | CA | Unknown | DY475061 |
| 1.38 | 0.01 | CA | Anthranilate phosphoribosyltransferase | DY475507 |
| 1.38 | 0.37 | CA | 50S ribosomal protein L12 | DY475131 |
| 1.37 | 0.38 | LS | Poly(A)-binding protein | DY396360 |
| 1.36 | 0.22 | CA | Acyl-activating enzyme | EB085018 |
| 1.34 | 0.48 | LS | Polyubiquitin | DY396428 |
| 1.32 | 0.34 | CA | Unknown | DY475133 |
| 1.31 | 0.54 | CA | Unknown | DY475315 |
| 1.28 | 0.49 | CA | S29 ribosomal protein | DY475504 |
| 1.28 | 0.35 | CA | Adenosylhomocysteinase | DY475372 |
| 1.28 | 0.43 | LS | Ubiquinol-cytochrome C reductase complex | DY396401 |
| 1.28 | 0.29 | CA | Unknown | DY475437 |
| 1.27 | 0.18 | CA | Unknown | DY475432 |
| 1.26 | 0.39 | CA | Acidic 60s ribosomal protein | DY475421 |
| 1.24 | 0.20 | CA | Photosystem II core complex protein psbY | DY475480 |
| 1.24 | 0.18 | CA | Photosystem I reaction centre subunit VI-2 | DY475285 |
| 1.21 | 0.29 | CA | 60S ribosomal protein L19 | DY475324 |
| 1.21 | 0.40 | CA | Unknown | EB085040 |
| 1.19 | 0.31 | CA | Unknown | DY475426 |
| 1.19 | 0.16 | CA | Unknown | DY475472 |

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|---------|-------|------|----|--|----------|
| | 1.17 | 0.14 | CA | Photosystem I reaction centre subunit XI | DY475132 |
| | 1.17 | 0.45 | LS | Ubiquitin | DY396424 |
| | 1.14 | 0.40 | CA | Translation initiation factor SUI1 | EB085043 |
| | 1.13 | 0.35 | CA | 40S ribosomal protein S15 | DY475117 |
| | 1.12 | 0.28 | CA | Chloroplast CP12 mRNA | DY475058 |
| | 1.08 | 0.30 | CA | Unknown | DY475416 |
| | 1.03 | 0.33 | CA | Ribose 5-phosphate isomerase | DY475240 |
| | 1.03 | 0.28 | CA | Unclear | EB085017 |
| | 1.00 | 0.14 | CA | Unknown | DY475538 |
| | 1.00 | 0.12 | CA | Unknown | DY475291 |
| | 0.95 | 0.31 | CA | Chloroplast DNA | EB085065 |
| | 0.92 | 0.15 | CA | Photosystem I reaction centre subunit IV | DY475128 |
| | 0.91 | 0.32 | CA | Cationic peroxidase | DY475306 |
| | 0.90 | 0.13 | CA | Unknown | EB085057 |
| | 0.89 | 0.32 | LS | Pathogenesis-related protein 4A | DY396388 |
| | 0.87 | 0.40 | LS | Disease resistance response protein DRRG49-C | DY396265 |
| | 0.81 | 0.20 | CA | Unclear | DY475205 |
| LA Up | 2.41 | 0.12 | LS | Pathogenesis-related protein | DY396305 |
| | 2.12 | 0.34 | CA | Cytochrome P450 | DY475136 |
| | 2.02 | 0.20 | CA | Unclear | DY475367 |
| | 1.98 | 0.18 | CA | Unknown | EB085028 |
| | 1.44 | 0.43 | CA | Unknown | DY475521 |
| | 1.30 | 0.07 | CA | SNAKIN2 antimicrobial peptide precursor | CV793606 |
| | 1.21 | 0.14 | CA | Unclear | DY475205 |
| | 1.11 | 0.11 | CA | Amino acid transferase | DY475122 |
| | 0.83 | 0.28 | LS | Metallothionein-like protein | DY396322 |
| | 0.80 | 0.26 | CA | Glutathione S-transferase | DY475250 |
| FL Up | 4.07 | 0.06 | CA | Multi-resistance ABC transporter protein | CV793605 |
| | 2.84 | 0.13 | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 |
| | 2.45 | 0.13 | CA | Unknown | EB085028 |
| | 1.90 | 0.08 | LS | Pathogenesis-related protein | DY396305 |
| | 1.60 | 0.14 | CA | Histidine-containing phosphotransfer protein | DY475511 |
| | 1.57 | 0.10 | CA | Unknown | DY475191 |
| | 1.53 | 0.18 | CA | Cytochrome P450 | DY475136 |
| | 1.53 | 0.20 | CA | Unknown | DY475054 |
| | 1.43 | 0.15 | CA | Unknown | DY475521 |
| | 1.17 | 0.06 | LS | Pathogenesis-related protein 4A | DY396281 |
| | 1.06 | 0.03 | CA | Unknown | DY475293 |
| | 0.99 | 0.10 | CA | 4.5S, 5S, 16S and 23S rRNA | EB085066 |
| | 0.95 | 0.09 | CA | Unknown | DY475055 |
| | 0.94 | 0.32 | CA | Leucine-zipper containing protein | CV793601 |
| | 0.91 | 0.10 | CA | Pathogenesis-related protein 4A | CV793597 |
| | 0.81 | 0.26 | CA | Unknown | EB085057 |
| | 0.79 | 0.25 | CA | Chloroplast CP12 mRNA | DY475058 |
| | 0.77 | 0.24 | CA | Unknown | DY475432 |
| IC Down | -4.26 | 1.10 | CA | 26S ribosomal RNA | DY475153 |
| | -3.04 | 1.05 | LS | TMV resistance protein-like | DY396385 |
| | -2.77 | 0.30 | LS | Protein kinase-like protein | DY396382 |
| | -2.50 | 1.32 | CA | Unclear | DY475273 |
| | -2.45 | 0.66 | LS | Glutathione peroxidase | DY396331 |
| | -2.42 | 0.77 | CA | Chloroplast 16S rRNA | DY475146 |
| | -2.39 | 0.51 | CA | Unknown | DY475339 |
| | -2.16 | 0.72 | LS | Thioredoxin | DY396293 |
| | -2.11 | 0.74 | CA | ATP synthase | DY475423 |
| | -2.07 | 0.79 | CA | Unclear | DY475376 |

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|---------|-------|------|----|---|----------|
| | -2.04 | 0.55 | CA | NADH dehydrogenase | DY475316 |
| | -1.99 | 0.58 | CA | Superoxide dismutase | DY475155 |
| | -1.72 | 0.56 | LS | Hypothetical proline-rich protein | DY396288 |
| | -1.68 | 0.38 | CA | Unknown | DY475187 |
| | -1.66 | 0.26 | LS | Putative membrane related protein | DY396429 |
| | -1.66 | 0.53 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | -1.61 | 0.67 | CA | Aquaporin 2 protein | DY475512 |
| | -1.54 | 0.68 | CA | Heat shock protein | DY475278 |
| | -1.52 | 0.51 | CA | Unknown | EB085026 |
| | -1.52 | 0.54 | LS | Putative senescence-associated protein | DY396273 |
| | -1.46 | 0.27 | CA | Unknown | DY475451 |
| | -1.45 | 0.48 | CA | Unknown | DY475159 |
| | -1.37 | 0.47 | CA | Chloroplast DNA | DY475541 |
| | -1.36 | 0.37 | CA | Chloroplast DNA between Rubisco large subunit and ATPase (beta) genes | DY475518 |
| | -1.34 | 0.65 | CA | Unknown | DY475366 |
| | -1.34 | 0.16 | LS | Disease resistance response protein 39 precursor | DY396296 |
| | -1.29 | 0.36 | CA | Chloroplast DNA | EB085050 |
| | -1.29 | 0.36 | CA | Unknown | EB085021 |
| | -1.28 | 0.22 | LS | Disease resistance response protein 39 precursor | DY396276 |
| | -1.28 | 0.35 | CA | Proline-rich structural protein | DY475348 |
| | -1.26 | 0.24 | CA | Chloroplast 30S ribosomal protein S12 | DY475063 |
| | -1.23 | 0.24 | CA | Cytochrome C biogenesis protein ccsA | DY475393 |
| | -1.07 | 0.17 | CA | Unknown | DY475177 |
| | -1.06 | 0.29 | CA | Unclear | DY475313 |
| | -0.93 | 0.27 | CA | Unknown | DY475167 |
| LA Down | -4.87 | 1.80 | CA | Chlorophyll a/b binding protein | DY475554 |
| | -3.45 | 0.71 | CA | Unknown | DY475462 |
| | -3.08 | 1.41 | CA | Chloroplast DNA | EB085050 |
| | -2.99 | 0.65 | CA | Unknown | DY475481 |
| | -2.98 | 0.62 | LS | Nitrate transporter NRT1-1 | DY396335 |
| | -2.78 | 0.61 | CA | Serine/threonine protein kinase | DY475320 |
| | -2.69 | 1.05 | CA | Unclear | DY475186 |
| | -2.47 | 0.44 | LS | Putative glutaredoxin | DY396317 |
| | -2.42 | 0.46 | CA | Apocytochrome F | DY475181 |
| | -2.38 | 0.47 | LS | Putative senescence-associated protein | DY396273 |
| | -2.35 | 0.27 | CA | Thymidylate kinase | DY475379 |
| | -2.14 | 0.28 | CA | Chloroplast Val-tRNA | DY475537 |
| | -1.95 | 1.17 | LS | Lectin-like protein | DY396427 |
| | -1.69 | 0.19 | CA | Chloroplast 16S rRNA | DY475101 |
| | -1.57 | 0.28 | CA | Chloroplast DNA for P700 chlorophyll a-apoprotein | DY475501 |
| | -1.54 | 0.18 | LS | Similarity to RNA-binding protein | DY396387 |
| | -1.25 | 0.19 | CA | Unknown | DY475236 |
| | -1.15 | 0.21 | CA | Chlorophyll a/b binding protein | DY475534 |
| | -1.11 | 0.23 | CA | Unclear | DY475273 |
| | -0.92 | 0.11 | LS | Serine carboxypeptidase isolag | DY396280 |
| | -0.89 | 0.14 | LS | Disease resistance response protein 39 precursor | DY396296 |
| FL Down | -4.91 | 0.88 | CA | Asparagine synthetase | DY475108 |
| | -3.63 | 1.27 | LS | Putative glutaredoxin | DY396317 |
| | -3.54 | 0.44 | CA | Unknown | DY475279 |
| | -3.53 | 0.89 | CA | Unknown | DY475462 |
| | -3.15 | 0.70 | CA | Unclear | DY475444 |
| | -2.86 | 1.21 | LS | Nitrate transporter NRT1-1 | DY396335 |
| | -2.74 | 0.26 | LS | Auxin-responsive protein IAA9 | DY396315 |
| | -2.69 | 1.12 | CA | Protein transport protein | DY475074 |
| | -2.41 | 0.31 | LS | Putative membrane related protein | DY396429 |

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|-------|------|----|--|----------|
| -2.41 | 0.55 | LS | Ripening-related protein | DY396377 |
| -2.36 | 0.75 | LS | Alpha-amylase precursor | DY396337 |
| -2.33 | 0.73 | CA | Unclear | DY475367 |
| -2.33 | 0.83 | CA | Unclear | DY475400 |
| -2.27 | 0.48 | CA | Unknown | DY475353 |
| -2.25 | 0.53 | CA | Unknown | DY475485 |
| -2.24 | 0.42 | CA | Chloroplast mRNA | EB085059 |
| -2.23 | 0.10 | LS | Putative auxin-repressed protein | DY396379 |
| -2.23 | 0.62 | CA | Chloroplast 16S rRNA | DY475146 |
| -2.20 | 0.45 | LS | Senescence-associated protein DIN1 | DY396338 |
| -2.13 | 0.44 | CA | 18S rRNA | DY475542 |
| -2.11 | 0.55 | CA | Unknown | DY475236 |
| -2.09 | 0.65 | LS | Thioredoxin | DY396293 |
| -2.02 | 0.39 | LS | TMV resistance protein-like | DY396385 |
| -2.01 | 0.53 | CA | Hypothetical transmembrane protein | DY475478 |
| -2.01 | 0.71 | CA | Cytosolic fructose 1,6-bisphosphatase | DY475548 |
| -2.01 | 0.39 | CA | Nucleotide-sugar epimerise | DY475112 |
| -2.00 | 0.43 | LS | Aquaporin-like transmembrane protein | DY396334 |
| -1.97 | 0.67 | CA | Thiazole biosynthetic enzyme | DY475242 |
| -1.97 | 0.49 | LS | EREBP-4 | DY396395 |
| -1.96 | 0.58 | LS | Putative auxin-repressed protein | DY396359 |
| -1.96 | 0.59 | CA | Unclear | DY475376 |
| -1.95 | 0.44 | CA | S1-3 homologue | CV793591 |
| -1.94 | 0.29 | CA | Photosystem II reaction centre I protein | DY475116 |
| -1.93 | 0.72 | CA | UDP-glucose 4-epimerase | DY475149 |
| -1.93 | 0.52 | CA | Glucosyltransferase | DY475498 |
| -1.92 | 0.38 | CA | Beta glucosidase | DY475415 |
| -1.92 | 0.30 | LS | Transcription factor NTLIM1 | DY396263 |
| -1.91 | 0.35 | CA | Chloroplast 50S ribosomal protein L14 | DY475344 |
| -1.87 | 0.44 | CA | Unknown | EB085029 |
| -1.85 | 0.35 | LS | Ripening-related protein | DY396344 |
| -1.83 | 0.54 | CA | Unclear | DY475186 |
| -1.82 | 0.36 | CA | Unknown | DY475206 |
| -1.81 | 0.25 | CA | Dehydrin cold-induced protein | DY475092 |
| -1.80 | 0.28 | CA | Endoxyloglucan transferase | DY475207 |
| -1.79 | 0.38 | LS | Ripening-related protein | DY396347 |
| -1.78 | 0.34 | CA | Photosystem I reaction centre subunit IX | DY475047 |
| -1.76 | 0.34 | LS | Dehydrin-cognate | DY396324 |
| -1.76 | 0.27 | LS | Putative auxin-repressed protein | DY396289 |
| -1.72 | 0.36 | CA | Unknown | EB085060 |
| -1.68 | 0.22 | LS | Lectin-like protein | DY396427 |
| -1.67 | 0.47 | LS | GTP-binding protein SAR1A | DY396259 |
| -1.66 | 0.45 | LS | Hypothetical proline-rich protein | DY396288 |
| -1.59 | 0.04 | LS | Small GTP-binding protein | DY396367 |
| -1.57 | 0.24 | CA | Photosystem I assembly protein ycf3 | DY475345 |
| -1.56 | 0.37 | CA | Unclear | EB085045 |
| -1.56 | 0.47 | LS | Putative auxin-repressed protein | DY396269 |
| -1.56 | 0.87 | CA | Unclear | EB085048 |
| -1.54 | 0.29 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| -1.53 | 0.14 | CA | Fructose-1,6-bisphosphatase | DY475543 |
| -1.45 | 0.28 | LS | Glutathione peroxidase | DY396331 |
| -1.45 | 0.29 | CA | Chloroplast 30S rRNA | EB085036 |
| -1.44 | 0.25 | CA | Chloroplast DNA | EB085050 |
| -1.43 | 0.43 | CA | Aquaporin 2 protein | DY475512 |
| -1.42 | 0.32 | CA | Unknown | EB085021 |
| -1.42 | 0.24 | LS | Serine carboxypeptidase isolag | DY396280 |
| -1.42 | 0.66 | CA | Unclear | EB085046 |
| -1.38 | 0.45 | CA | Unknown | DY475336 |

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|-------|------|----|--|----------|
| -1.34 | 0.19 | CA | Unknown | DY475360 |
| -1.30 | 0.48 | CA | RNA polymerase beta subunit | DY475196 |
| -1.29 | 0.40 | CA | Superoxide dismutase | DY475155 |
| -1.29 | 0.06 | CA | Chlorophyll a/b binding protein | DY475534 |
| -1.29 | 0.35 | CA | Beta-galactosidase | EB085056 |
| -1.27 | 0.31 | CA | Chloroplast DNA | EB085038 |
| -1.25 | 0.52 | CA | Unknown | DY475401 |
| -1.25 | 0.32 | LS | Non-specific lipid-transfer protein precursor | DY396350 |
| -1.25 | 0.36 | CA | Unclear | DY475095 |
| -1.24 | 0.20 | CA | NADH dehydrogenase | DY475316 |
| -1.22 | 0.26 | CA | Unclear | DY475175 |
| -1.20 | 0.60 | CA | Unknown | DY475255 |
| -1.18 | 0.17 | CA | Unknown | DY475084 |
| -1.15 | 0.33 | CA | Unknown | DY475476 |
| -1.13 | 0.12 | CA | Membrane-related protein CP5 | DY475119 |
| -1.13 | 0.22 | CA | Apocytochrome F | DY475181 |
| -1.09 | 0.15 | CA | Aquaporin membrane protein | DY475174 |
| -1.06 | 0.41 | CA | S-adenosylmethionine decarboxylase | DY475170 |
| -1.06 | 0.12 | LS | Metallothionein-like protein | DY396406 |
| -1.06 | 0.33 | LS | Ca-binding carrier protein | DY396262 |
| -1.06 | 0.19 | CA | Unknown | DY475177 |
| -1.05 | 0.30 | CA | Unclear | DY475097 |
| -1.04 | 0.34 | CA | Cytochrome P450 | EB085031 |
| -1.04 | 0.57 | CA | Unknown | DY475275 |
| -1.04 | 0.22 | CA | Unknown | DY475159 |
| -1.02 | 0.05 | CA | Chloroplast DNA for P700 chlorophyll a-apoprotein | DY475501 |
| -1.01 | 0.20 | LS | Polyubiquitin | DY396410 |
| -1.01 | 0.50 | CA | 60S ribosomal protein L11 | DY475395 |
| -1.00 | 0.17 | CA | Xylosidase | DY475408 |
| -0.99 | 0.30 | CA | GTP-binding protein | DY475290 |
| -0.99 | 0.37 | CA | Serine: glyoxylate aminotransferase/alanine : glyoxylate aminotransferase | DY475479 |
| -0.97 | 0.23 | LS | Disease resistance response protein 39 precursor | DY396277 |
| -0.97 | 0.10 | LS | Poly(A)-binding protein | DY396412 |
| -0.96 | 0.33 | CA | 4-alpha-glucanotransferase | DY475302 |
| -0.96 | 0.23 | LS | RAC-GTP binding protein-like | DY396336 |
| -0.96 | 0.25 | CA | Unknown | DY475185 |
| -0.95 | 0.26 | CA | Unknown | EB085039 |
| -0.95 | 0.25 | CA | 40S ribosomal protein S11 | DY475258 |
| -0.94 | 0.16 | CA | 60S ribosomal protein L34 | DY475201 |
| -0.94 | 0.36 | CA | Unknown | DY475340 |
| -0.94 | 0.28 | CA | Unknown | DY475461 |
| -0.93 | 0.35 | LS | Putative tonoplast intrinsic protein | DY396419 |
| -0.93 | 0.15 | LS | Polyubiquitin | DY396354 |
| -0.91 | 0.15 | CA | Chloroplast 30S ribosomal protein S12 | DY475063 |
| -0.91 | 0.16 | CA | Chloroplast 16S rRNA | DY475101 |
| -0.89 | 0.24 | CA | Zinc-binding dehydrogenase | DY475500 |
| -0.86 | 0.26 | CA | Proline oxidase | DY475225 |
| -0.86 | 0.19 | CA | Carbonic anhydrase like protein | DY475403 |
| -0.86 | 0.21 | LS | Guanine nucleotide regulatory protein | DY396313 |
| -0.85 | 0.27 | CA | Unknown | DY475536 |
| -0.84 | 0.22 | CA | Chlorophyll a/b binding protein | DY475555 |
| -0.82 | 0.18 | LS | Protein kinase-like protein | DY396382 |
| -0.81 | 0.37 | CA | Unclear | DY475473 |
| -0.80 | 0.20 | LS | Cytochrome B5 | DY396340 |
| -0.76 | 0.45 | LS | Glycine-rich cell wall protein GRP 1.8 | DY396342 |
| -0.76 | 0.27 | CA | Unknown | EB085041 |
| -0.75 | 0.37 | LS | Polyubiquitin | DY396328 |

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|--|--|-------|------|----|--------------------------------|----------|
| | | -0.75 | 0.34 | CA | Caffeoyl-CoA-Methyltransferase | CV793595 |
| | | -0.74 | 0.39 | CA | Cytochrome P450 | DY475449 |

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| Time-point | Condition | Fold change | 95% +/- | Clone source | Putative function | GenBank accession | | |
|-------------------|------------------|--------------------|----------------|---------------------|--|--------------------------|------------------------------|----------|
| 03 hpt | IC Up | 1.12 | 0.38 | CA | Pathogenesis-related protein 4A | CV793597 | | |
| | | 0.77 | 0.25 | CA | Glutathione <i>S</i> -transferase | DY475250 | | |
| | LA Up | 3.92 | 0.14 | LS | Ripening-related protein | DY396347 | | |
| | | 3.73 | 0.14 | LS | Ripening-related protein | DY396344 | | |
| | | 3.47 | 0.10 | CA | Dehydrin cold-induced protein | DY475092 | | |
| | | 2.88 | 0.21 | LS | Lectin-like protein | DY396427 | | |
| | | 2.87 | 0.22 | LS | Ripening-related protein | DY396377 | | |
| | | 2.48 | 0.12 | CA | Unknown | DY475353 | | |
| | | 1.95 | 0.11 | CA | Photosystem II reaction centre I protein | DY475116 | | |
| | | 1.76 | 0.56 | LS | Thioredoxin H-type 1 | DY396330 | | |
| | | 1.63 | 0.09 | LS | Pathogenesis-related protein | DY396343 | | |
| | | 1.51 | 0.34 | LS | Pathogenesis-related protein | DY396301 | | |
| | | 1.46 | 1.18 | LS | Disease resistance response protein DRRG49-C | DY396265 | | |
| | | 1.44 | 0.12 | CA | Chloroplast DNA | EB085050 | | |
| | | 1.35 | 0.59 | CA | Carbonic anhydrase like protein | DY475403 | | |
| | | 1.28 | 0.14 | CA | Aquaporin 2 protein | DY475512 | | |
| | | 1.24 | 0.48 | LS | Glutathione peroxidase | DY396331 | | |
| | | 1.20 | 0.36 | CA | Unknown | DY475084 | | |
| | | 1.18 | 0.41 | CA | Pathogenesis-related protein 4A | CV793597 | | |
| | | 1.17 | 0.11 | LS | Dehydrin-cognate | DY396324 | | |
| | | 1.13 | 0.13 | CA | Beta-galactosidase | DY475141 | | |
| | | 1.07 | 0.04 | CA | Unknown | DY475338 | | |
| | | 1.01 | 0.02 | CA | Unclear | DY475259 | | |
| | | 0.94 | 0.09 | LS | Putative auxin-repressed protein | DY396359 | | |
| | | 0.77 | 0.27 | LS | Xyloglucan endotransglycosylase LEXET2 | DY396308 | | |
| | | 0.43 | 0.62 | CA | 5.8S, 18S and 25S rRNA | EB085027 | | |
| | | | FL Up | 3.05 | 0.16 | LS | Ripening-related protein | DY396344 |
| | | | | 2.90 | 0.28 | LS | Ripening-related protein | DY396347 |
| | | | | 2.62 | 0.24 | LS | Ripening-related protein | DY396377 |
| 2.18 | 0.10 | | | LS | Thioredoxin H-type 1 | DY396330 | | |
| 1.44 | 0.07 | | | LS | Disease resistance response protein DRRG49-C | DY396265 | | |
| 1.42 | 0.06 | | | LS | Pathogenesis-related protein | DY396301 | | |
| 1.40 | 0.32 | | | CA | Dehydrin cold-induced protein | DY475092 | | |
| 1.32 | 0.21 | | | LS | Lectin-like protein | DY396427 | | |
| 1.16 | 0.08 | | | CA | Disease resistance response protein DRRG49-C | EB085032 | | |
| 1.05 | 0.10 | | | LS | Pathogenesis-related protein 4A | DY396372 | | |
| 0.97 | 0.21 | | | CA | Beta-galactosidase | EB085056 | | |
| 0.95 | 0.14 | | | LS | Dehydrin-cognate | DY396324 | | |
| 0.83 | 0.24 | | | LS | Alpha-amylase precursor | DY396337 | | |
| 0.82 | 0.27 | | | CA | Chlorophyll a/b binding protein | DY475555 | | |
| 0.81 | 0.28 | | | CA | Beta-galactosidase | DY475141 | | |
| 0.80 | 0.30 | | | CA | Carbonic anhydrase like protein | DY475403 | | |
| 0.75 | 0.34 | | | LS | Senescence-associated protein DIN1 | DY396338 | | |
| 0.71 | 0.48 | | | LS | Small GTP-binding protein | DY396367 | | |
| 0.50 | 0.67 | | | LS | Glutathione peroxidase | DY396331 | | |
| | IC Down | | | -5.03 | 0.88 | LS | RAC-GTP binding protein-like | DY396336 |
| | | -4.48 | 0.79 | CA | Unknown | DY475451 | | |

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|---------|-------|------|----|---|----------|
| | -4.04 | 0.47 | CA | Squalene epoxidase | DY475199 |
| | -4.00 | 0.57 | CA | Unknown | DY475513 |
| | -3.45 | 0.57 | CA | Unclear | DY475323 |
| | -3.28 | 0.55 | LS | Environmental stress inducible protein | DY396298 |
| | -3.28 | 1.48 | CA | Hypothetical transmembrane protein | DY475478 |
| | -3.20 | 0.73 | CA | Unclear | DY475205 |
| | -2.79 | 0.58 | CA | Unknown | DY475080 |
| | -2.54 | 0.63 | CA | Unclear | DY475313 |
| | -2.07 | 0.32 | CA | Unknown | DY475177 |
| | -2.05 | 0.70 | CA | NADH-ubiquinone oxidoreductase | DY475294 |
| | -2.04 | 0.89 | CA | Unknown | DY475289 |
| | -1.90 | 0.40 | CA | Unknown | DY475263 |
| | -1.82 | 0.48 | CA | Cytochrome C oxidase subunit | DY475113 |
| | -1.57 | 0.19 | CA | Unclear | DY475400 |
| | -1.50 | 0.33 | CA | Unclear | DY475319 |
| | -1.45 | 0.35 | CA | SNAKIN2 antimicrobial peptide precursor | CV793606 |
| | -1.44 | 0.25 | CA | Chloroplast DNA for P700 chlorophyll a-apoprotein | DY475501 |
| | -1.41 | 0.30 | CA | Asparagine synthetase | DY475475 |
| | -1.23 | 0.83 | CA | Photosystem I reaction centre subunit IX | DY475047 |
| | -1.08 | 0.45 | CA | Unclear | DY475546 |
| | -0.98 | 0.12 | LS | Protein kinase precursor-like | DY396264 |
| | -0.98 | 0.15 | CA | Unknown | DY475187 |
| | -0.95 | 0.06 | CA | ATP synthase | DY475082 |
| | -0.89 | 0.17 | CA | Unknown | DY475185 |
| | -0.84 | 0.18 | LS | Putative ARF1 GTPase activating protein | DY396291 |
| | -0.81 | 0.54 | LS | Pathogenesis-related protein 4A | DY396388 |
| LA Down | -6.50 | 1.62 | CA | Unknown | EB085049 |
| | -5.46 | 0.60 | CA | Unknown | DY475080 |
| | -5.41 | 0.24 | CA | Protein kinase | DY475077 |
| | -4.87 | 1.75 | LS | Beta-glucan binding protein | DY396299 |
| | -4.28 | 1.65 | CA | Hypothetical membrane spanning ring-H2 finger protein | DY475508 |
| | -4.28 | 0.61 | CA | Unclear | DY475205 |
| | -4.23 | 0.99 | LS | Subtilisin inhibitors I and II | DY396374 |
| | -4.22 | 0.12 | CA | Chloroplast 16S rRNA | DY475101 |
| | -4.03 | 0.43 | CA | 18S nuclear rRNA | DY475150 |
| | -3.71 | 0.64 | CA | Hypothetical transmembrane protein | DY475478 |
| | -3.59 | 1.01 | CA | Unclear | DY475367 |
| | -3.53 | 0.16 | CA | Unknown | DY475451 |
| | -3.47 | 0.51 | LS | 18.2 KDA class I heat shock protein | DY396282 |
| | -3.47 | 0.12 | CA | Unknown | DY475483 |
| | -3.37 | 0.97 | CA | Squalene epoxidase enzyme | DY475199 |
| | -3.31 | 0.10 | CA | Membrane sugar-transport protein | DY475239 |
| | -3.21 | 0.57 | CA | Unknown | DY475513 |
| | -3.12 | 0.57 | CA | Cytochrome C oxidase subunit | DY475113 |
| | -2.95 | 0.49 | LS | Putative membrane related protein | DY396429 |
| | -2.94 | 0.95 | LS | Transcription factor NTLIM1 | DY396263 |
| | -2.70 | 0.71 | CA | Beta adaptin like protein | DY475424 |
| | -2.67 | 1.18 | CA | WD repeat protein | DY475550 |
| | -2.63 | 0.95 | CA | Unknown | DY475055 |
| | -2.47 | 0.09 | CA | Phosphate-induced protein | EB085042 |
| | -2.43 | 0.26 | CA | Unknown | EB085052 |
| | -2.27 | 0.28 | CA | Unknown | DY475206 |
| | -2.23 | 0.54 | CA | UDP-glucose 4-epimerase | DY475221 |
| | -2.21 | 0.04 | CA | Endoxyloglucan transferase | DY475207 |
| | -2.19 | 1.24 | CA | Unknown | DY475437 |
| | -2.19 | 0.87 | CA | Unknown | DY475289 |

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|---------|-------|------|----|---|----------|
| | -2.17 | 0.39 | CA | Amino acid transferase | DY475122 |
| | -2.12 | 0.21 | CA | Nodulin 21 protein | DY475200 |
| | -2.08 | 0.29 | CA | Unknown | EB085024 |
| | -1.99 | 0.14 | CA | Unknown | DY475177 |
| | -1.95 | 0.31 | CA | Unknown | EB085053 |
| | -1.91 | 0.20 | CA | Phosphate-induced protein | DY475172 |
| | -1.90 | 0.45 | CA | Similar to alpha galactosidase | DY475286 |
| | -1.89 | 0.64 | CA | Similar to endopeptidase | DY475396 |
| | -1.89 | 0.74 | CA | Unknown | DY475446 |
| | -1.85 | 0.49 | CA | Similarity to protein-tyrosine-kinase receptor | DY475463 |
| | -1.77 | 0.88 | CA | Unknown | EB085062 |
| | -1.75 | 0.64 | CA | Unknown | DY475260 |
| | -1.69 | 0.25 | CA | Unknown | EB085026 |
| | -1.69 | 0.82 | CA | Unknown | DY475171 |
| | -1.68 | 0.46 | CA | Cytochrome F | DY475180 |
| | -1.67 | 0.08 | CA | Unknown | EB085021 |
| | -1.66 | 0.15 | CA | Unclear | DY475313 |
| | -1.65 | 0.78 | CA | Mitochondrial 26S rRNA | DY475087 |
| | -1.58 | 0.37 | CA | Unknown | DY475263 |
| | -1.57 | 0.12 | CA | Membrane-related protein CP5 | DY475119 |
| | -1.49 | 0.30 | LS | Putative senescence-associated protein | DY396273 |
| | -1.47 | 0.31 | CA | Unknown | DY475315 |
| | -1.46 | 0.49 | LS | NADH dehydrogenase | DY396279 |
| | -1.44 | 0.64 | LS | Auxin-responsive protein IAA9 | DY396315 |
| | -1.41 | 0.41 | CA | Nucleotide-sugar dehydratase | DY475244 |
| | -1.39 | 0.15 | CA | Unknown | EB085016 |
| | -1.37 | 0.33 | CA | Probable 3-hydroxyisobutyrate dehydrogenase mitochondrial precursor | DY475417 |
| | -1.29 | 0.45 | CA | Dehydration-induced protein | DY475070 |
| | -1.28 | 0.52 | CA | Unclear | DY475526 |
| | -1.26 | 0.76 | CA | GPI-anchored membrane protein | DY475246 |
| | -1.21 | 0.06 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | -1.13 | 0.68 | CA | Unknown | DY475062 |
| | -1.09 | 0.13 | CA | Unknown | EB085061 |
| | -1.05 | 0.20 | CA | Unknown | DY475364 |
| | -1.04 | 1.29 | CA | Unclear | DY475217 |
| | -1.02 | 0.03 | CA | Unknown | DY475048 |
| | -0.97 | 0.50 | LS | RAC-GTP binding protein-like | DY396336 |
| | -0.96 | 1.26 | CA | Unknown | EB085064 |
| | -0.96 | 0.14 | CA | Unknown | DY475051 |
| | -0.95 | 0.09 | CA | Unknown | DY475130 |
| | -0.94 | 0.26 | CA | DNA binding protein | DY475266 |
| | -0.93 | 0.18 | CA | Unknown | DY475336 |
| | -0.91 | 0.74 | CA | Cyclic ion channel protein | DY475468 |
| | -0.82 | 0.19 | CA | Unknown | DY475519 |
| | -0.67 | 0.32 | CA | Chlorophyll a/b binding protein | DY475534 |
| | -0.67 | 0.94 | CA | Mitochondrial glyoxylase | DY475321 |
| | -0.46 | 0.66 | CA | Unclear | DY475522 |
| FL Down | -3.24 | 1.06 | CA | Formyltetrahydrofolate deformylase | DY475493 |
| | -3.13 | 1.48 | LS | Protein kinase C inhibitor-like protein | DY396285 |
| | -2.91 | 0.25 | CA | Unknown | DY475521 |
| | -2.84 | 0.12 | LS | RAC-GTP binding protein-like | DY396336 |
| | -2.80 | 0.20 | CA | Unknown | DY475048 |
| | -2.63 | 0.91 | CA | Superoxide dismutase copper chaperone precursor | DY475397 |
| | -2.09 | 0.74 | CA | Cytochrome C oxidase subunit | DY475113 |
| | -1.98 | 0.25 | CA | Unknown | DY475536 |
| | -1.93 | 0.31 | LS | Environmental stress inducible protein | DY396298 |

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|--------|-------|-------|------|----|---|----------|
| | | -1.91 | 0.55 | CA | Protein kinase | DY475077 |
| | | -1.64 | 0.34 | CA | ATP synthase | DY475245 |
| | | -1.60 | 0.58 | CA | Chloroplast 30S ribosomal protein S12 | DY475063 |
| | | -1.42 | 0.57 | CA | DNA directed RNA polymerase | DY475419 |
| | | -1.41 | 0.36 | CA | Fructose-1,6-bisphosphate aldolase | DY475547 |
| | | -1.39 | 0.01 | LS | Laccase-like protein | DY396358 |
| | | -1.33 | 0.34 | LS | 18.2 KDA class I heat shock protein | DY396282 |
| | | -1.20 | 0.24 | LS | Kinesin-like protein | DY396287 |
| | | -1.18 | 0.18 | LS | Putative ARF1 GTPase activating protein | DY396291 |
| | | -1.18 | 0.14 | LS | Nucleic acid binding protein-like | DY396266 |
| | | -1.17 | 0.40 | CA | Unclear | DY475531 |
| | | -1.11 | 0.19 | LS | Poly(A)-binding protein | DY396412 |
| | | -1.11 | 0.25 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | | -1.10 | 0.39 | CA | Similarity to protein-tyrosine-kinase receptor (EC 2.7.1.112) | DY475463 |
| | | -1.07 | 0.30 | CA | Unknown | DY475315 |
| | | -1.05 | 0.30 | CA | Unclear | DY475217 |
| | | -1.04 | 0.47 | CA | Unclear | DY475409 |
| | | -1.03 | 0.37 | CA | Unknown | DY475206 |
| | | -1.03 | 0.62 | LS | Pathogenesis-related protein 4A | DY396281 |
| | | -1.02 | 0.34 | CA | Unknown | EB085025 |
| | | -1.01 | 0.33 | CA | 4.5S, 5S, 16S and 23S rRNA | EB085066 |
| | | -1.01 | 0.57 | CA | Trehalose-phosphatase | DY475282 |
| | | -0.99 | 0.23 | CA | Glutamate dehydrogenase | DY475308 |
| | | -0.98 | 0.33 | CA | Unclear | DY475355 |
| | | -0.97 | 0.29 | CA | Unknown | EB085024 |
| | | -0.96 | 0.41 | CA | Apocytochrome F | DY475181 |
| | | -0.96 | 0.32 | CA | Unknown | DY475055 |
| | | -0.95 | 0.28 | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 |
| | | -0.94 | 0.33 | CA | Anthranilate phosphoribosyltransferase | DY475507 |
| | | -0.90 | 0.20 | CA | Cyclic ion channel protein | DY475468 |
| | | -0.89 | 0.25 | CA | Peptidase-like protein | DY475387 |
| | | -0.87 | 0.20 | LS | Auxin-responsive protein IAA9 | DY396315 |
| | | -0.86 | 0.24 | CA | Unknown | DY475349 |
| | | -0.84 | 0.26 | CA | Mitochondrial glyoxylase | DY475321 |
| | | -0.81 | 0.23 | CA | GPI-anchored membrane protein | DY475246 |
| | | -0.79 | 0.22 | CA | Unknown | DY475299 |
| | | -0.79 | 0.29 | CA | Unknown | EB085062 |
| | | -0.78 | 0.27 | CA | Unknown | DY475437 |
| | | -0.77 | 0.26 | CA | Unknown | DY475390 |
| | | -0.70 | 0.33 | CA | UDP-glucose 4-epimerase | DY475221 |
| 27 hpt | IC Up | 3.84 | 0.08 | LS | Putative chitinase | DY396275 |
| | | 3.28 | 0.18 | CA | Multi-resistance ABC transporter protein | CV793605 |
| | | 3.20 | 0.08 | CA | Unknown | DY475288 |
| | | 2.91 | 0.10 | CA | Phosphate-induced protein | DY475076 |
| | | 2.77 | 0.09 | LS | Beta-glucan binding protein | DY396299 |
| | | 2.29 | 0.16 | LS | Xyloglucan endotransglycosylase LEXET2 | DY396308 |
| | | 2.13 | 0.10 | CA | Unclear | EB085058 |
| | | 2.09 | 0.42 | CA | Glutathione S-transferase | DY475250 |
| | | 2.08 | 0.05 | CA | Unknown | DY475451 |
| | | 2.00 | 0.09 | CA | Unknown | DY475521 |
| | | 1.92 | 0.15 | CA | Serine/threonine protein kinase | DY475384 |
| | | 1.82 | 0.16 | LS | Pathogenesis-related protein 4A | DY396372 |
| | | 1.70 | 0.11 | LS | Pathogenesis-related protein | DY396301 |
| | | 1.63 | 0.35 | CA | Asparagine synthetase | DY475477 |
| | | 1.60 | 0.14 | LS | Disease resistance response protein DRRG49-C | DY396265 |
| | | 1.52 | 0.06 | CA | Unclear | DY475329 |

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|---------|-------|------|----|---|----------|
| | 1.47 | 0.10 | CA | 5.8S, 18S and 25S rRNA | EB085027 |
| | 1.28 | 0.14 | CA | Unclear | DY475205 |
| | 1.20 | 0.09 | LS | ER66 protein/calmodulin-like protein | DY396364 |
| | 1.09 | 0.11 | LS | Calmodulin-like protein/ER66 | DY396411 |
| | 0.96 | 0.12 | CA | Putative disease resistance protein | CV793593 |
| LA Up | 4.00 | 0.18 | LS | Glutathione <i>S</i> -transferase | DY396404 |
| | 3.98 | 0.51 | CA | Glutathione <i>S</i> -transferase | DY475250 |
| | 3.61 | 0.34 | LS | Pathogenesis-related protein 4A | DY396281 |
| | 3.58 | 0.16 | LS | Pathogenesis-related protein 4A | DY396372 |
| | 3.51 | 0.16 | LS | Pathogenesis-related protein 4A | DY396384 |
| | 3.34 | 0.94 | CA | Pathogenesis-related protein 4A | CV793597 |
| | 3.30 | 0.10 | LS | Pathogenesis-related protein 4A | DY396388 |
| | 3.09 | 0.24 | CA | Phosphate-induced protein | DY475076 |
| | 3.01 | 0.46 | CA | Unclear | EB085058 |
| | 2.90 | 0.37 | LS | Disease resistance response protein DRRG49-C | DY396265 |
| | 2.72 | 0.37 | LS | Pathogenesis-related protein | DY396301 |
| | 2.72 | 0.23 | CA | Unknown | DY475288 |
| | 2.57 | 0.60 | LS | Pathogenesis-related protein | DY396305 |
| | 1.80 | 0.38 | CA | Ferredoxin | DY475487 |
| | 1.76 | 0.85 | CA | Class 10 pathogenesis related protein | CV793610 |
| | 1.66 | 0.62 | CA | Unknown | EB085020 |
| FL Up | 3.31 | 0.78 | CA | Glutathione <i>S</i> -transferase | DY475250 |
| | 3.31 | 0.24 | LS | Glutathione <i>S</i> -transferase | DY396404 |
| | 3.29 | 0.11 | CA | Multi-resistance ABC transporter protein | CV793605 |
| | 2.53 | 0.35 | CA | Wound-induced protein | DY475254 |
| | 2.52 | 0.36 | CA | Unclear | EB085058 |
| | 2.52 | 0.56 | CA | Glutamate dehydrogenase | DY475308 |
| | 2.36 | 0.43 | LS | Pathogenesis-related protein 4A | DY396281 |
| IC Down | -4.55 | 0.12 | LS | Protein kinase precursor-like | DY396264 |
| | -4.14 | 0.41 | CA | Probable 3-hydroxyisobutyrate dehydrogenase mitochondrial precursor | DY475417 |
| | -4.00 | 0.70 | LS | Putative glutaredoxin | DY396317 |
| | -3.55 | 0.21 | LS | Putative membrane related protein | DY396429 |
| | -3.28 | 0.44 | CA | Unclear | DY475259 |
| | -3.20 | 0.10 | LS | Protein kinase C inhibitor-like protein | DY396283 |
| | -3.15 | 0.12 | LS | Putative protein kinase | DY396375 |
| | -3.14 | 0.48 | CA | Formyltetrahydrofolate deformylase | DY475493 |
| | -3.10 | 0.31 | CA | Unclear | DY475313 |
| | -3.02 | 0.25 | LS | Cornifin alpha (small proline-rich protein) | DY396399 |
| | -2.97 | 0.43 | CA | Sorting nexin protein | DY475523 |
| | -2.89 | 0.71 | LS | TMV resistance protein-like | DY396385 |
| | -2.84 | 0.46 | CA | Unknown | DY475279 |
| | -2.83 | 0.53 | CA | Chlorophyll mRNA | EB085059 |
| | -2.74 | 0.47 | LS | Auxin-responsive protein IAA9 | DY396315 |
| | -2.67 | 0.36 | LS | Putative protein kinase | DY396351 |
| | -2.60 | 0.78 | CA | L-allo-threonine aldolase | DY475068 |
| | -2.55 | 0.34 | CA | Squalene epoxidase | DY475199 |
| | -2.54 | 0.89 | CA | Unclear | DY475175 |
| | -2.45 | 0.21 | LS | Ca-binding carrier protein | DY396262 |
| | -2.43 | 0.19 | CA | Unclear | DY475409 |
| | -2.43 | 0.37 | CA | Similar to endopeptidase | DY475396 |
| | -2.43 | 0.56 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | -2.36 | 0.21 | CA | Unknown | DY475431 |
| | -2.23 | 0.59 | CA | Chloroplast DNA for P700 chlorophyll a-apoprotein | DY475501 |
| | -2.18 | 0.42 | LS | Amine oxidase | DY396386 |

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|-------|------|----|---|----------|
| -2.17 | 0.18 | LS | Laccase-like protein | DY396358 |
| -2.07 | 0.27 | CA | Hypothetical transmembrane protein | DY475478 |
| -2.01 | 0.36 | CA | Unclear | DY475546 |
| -1.94 | 0.23 | LS | <i>Cf9</i> resistance gene cluster | DY396352 |
| -1.89 | 1.12 | CA | Serine/threonine protein kinase | DY475320 |
| -1.83 | 0.56 | CA | Unknown | DY475533 |
| -1.78 | 0.47 | LS | Splicing factor-like protein | DY396290 |
| -1.69 | 0.75 | CA | Chloroplast DNA between Rubisco large subunit and ATPase (beta) genes | DY475518 |
| -1.62 | 0.36 | CA | Unclear | DY475323 |
| -1.62 | 0.33 | CA | Unclear | DY475444 |
| -1.60 | 0.41 | CA | ATP synthase | DY475082 |
| -1.59 | 0.47 | CA | Unknown | DY475253 |
| -1.52 | 0.32 | CA | 18S Rrna | DY475542 |
| -1.51 | 0.36 | LS | Caffeoyl-CoA-Methyltransferase | DY396415 |
| -1.51 | 0.25 | CA | Fructose-1,6-bisphosphate aldolase | DY475547 |
| -1.48 | 0.17 | LS | Environmental stress inducible protein | DY396298 |
| -1.44 | 0.18 | CA | NADH dehydrogenase | DY475316 |
| -1.36 | 0.90 | CA | ATP synthase | DY475245 |
| -1.35 | 0.20 | CA | Unclear | DY475284 |
| -1.35 | 0.53 | CA | Protein containing leucine-zipper motif | CV793599 |
| -1.35 | 0.24 | LS | Thioredoxin | DY396293 |
| -1.32 | 0.32 | LS | Heat shock protein DnaJ homologue | DY396397 |
| -1.31 | 0.12 | CA | Beta-galactosidase | DY475141 |
| -1.27 | 0.44 | CA | Unclear | DY475217 |
| -1.24 | 0.19 | LS | Senescence-associated protein DIN1 | DY396338 |
| -1.23 | 0.38 | CA | Membrane sugar-transport protein | DY475239 |
| -1.17 | 0.42 | CA | Unknown | DY475048 |
| -1.16 | 0.45 | CA | Xylosidase | DY475408 |
| -1.15 | 0.06 | LS | Histone H2A | DY396268 |
| -1.13 | 0.41 | CA | Phosphate-induced protein | EB085042 |
| -1.11 | 0.45 | CA | Cytochrome F | DY475180 |
| -1.11 | 0.27 | CA | Fructose-1,6-bisphosphatase | DY475543 |
| -1.11 | 0.19 | LS | Putative auxin-repressed protein | DY396379 |
| -1.09 | 0.10 | CA | Chlorophyll a/b binding protein | DY475534 |
| -1.08 | 0.34 | CA | DNA directed RNA polymerase | DY475419 |
| -1.04 | 0.80 | CA | Unknown | DY475513 |
| -1.01 | 0.15 | LS | Poly(A)-binding protein | DY396412 |
| -1.00 | 0.39 | CA | Unknown | DY475293 |
| -0.99 | 0.34 | CA | Unknown | DY475171 |
| -0.99 | 0.19 | CA | Unknown | DY475338 |
| -0.98 | 0.14 | CA | Unknown | EB085044 |
| -0.98 | 0.13 | LS | Transcription factor NTLIM1 | DY396263 |
| -0.94 | 0.16 | CA | Unknown | DY475191 |
| -0.94 | 0.48 | CA | Unknown | DY475206 |
| -0.94 | 0.27 | LS | Ripening-related protein | DY396377 |
| -0.93 | 0.18 | CA | Wound-induced protein | DY475220 |
| -0.92 | 0.23 | CA | Unknown | EB085024 |
| -0.92 | 0.16 | CA | RNA binding protein | DY475297 |
| -0.91 | 0.23 | CA | Unknown | DY475260 |
| -0.91 | 0.27 | CA | Unknown | DY475055 |
| -0.90 | 0.17 | CA | S1-3 homologue | CV793591 |
| -0.88 | 0.30 | CA | Anthranilate phosphoribosyltransferase | DY475507 |
| -0.88 | 0.14 | CA | Chloroplast DNA | EB085054 |
| -0.88 | 0.30 | CA | Unclear | DY475099 |
| -0.86 | 0.23 | LS | Protein kinase C inhibitor-like protein | DY396285 |
| -0.86 | 0.22 | LS | Kinesin-like protein | DY396287 |
| -0.81 | 0.44 | CA | Unknown | EB085052 |

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|---------|-------|------|----|---|----------|
| | -0.81 | 0.27 | CA | Unknown | DY475062 |
| | -0.79 | 0.33 | CA | Unclear | DY475526 |
| | -0.75 | 0.34 | CA | Superoxide dismutase copper chaperone precursor | DY475397 |
| LA Down | -4.17 | 1.09 | CA | Unknown | DY475539 |
| | -4.09 | 1.60 | CA | 26S ribosomal RNA | DY475153 |
| | -4.08 | 1.34 | CA | Unknown | DY475051 |
| | -3.91 | 0.68 | CA | ATP synthase | DY475082 |
| | -3.71 | 1.00 | CA | L-allo-threonine aldolase | DY475068 |
| | -3.65 | 1.02 | CA | Unclear | DY475313 |
| | -2.96 | 0.90 | LS | RAC-GTP binding protein-like | DY396336 |
| | -2.84 | 0.92 | CA | 18S nuclear rRNA | DY475150 |
| | -2.40 | 0.36 | LS | Protein kinase-like protein | DY396362 |
| | -2.10 | 0.10 | CA | Unknown | EB085021 |
| | -1.96 | 1.01 | CA | Unknown | DY475263 |
| | -1.95 | 0.27 | CA | Unknown | DY475159 |
| | -1.93 | 0.31 | CA | Unknown | DY475347 |
| | -1.89 | 0.24 | CA | 26S rRNA | DY475211 |
| | -1.82 | 0.32 | CA | Unknown | EB085024 |
| | -1.81 | 0.54 | CA | Chloroplast 16S rRNA | DY475101 |
| | -1.81 | 0.41 | CA | Unknown | DY475055 |
| | -1.70 | 1.45 | LS | Putative membrane related protein | DY396429 |
| | -1.69 | 0.21 | CA | 26S rRNA | DY475540 |
| | -1.67 | 0.28 | CA | 18S rRNA | DY475542 |
| | -1.65 | 0.36 | CA | Unknown | EB085063 |
| | -1.63 | 0.30 | CA | 26S rRNA | EB085055 |
| | -1.54 | 0.29 | CA | Chlorophyll a/b binding protein | DY475534 |
| | -1.52 | 0.47 | CA | Membrane-related protein CP5 | DY475119 |
| | -1.42 | 0.13 | CA | Unknown | DY475451 |
| | -1.41 | 0.19 | CA | Unclear | DY475274 |
| | -1.40 | 0.67 | CA | Phosphate-induced protein | EB085042 |
| | -1.39 | 0.06 | CA | Unclear | DY475367 |
| | -1.31 | 0.83 | CA | Chlorophyll mRNA | EB085059 |
| | -1.30 | 0.25 | LS | Similarity to RNA-binding protein | DY396387 |
| | -1.24 | 0.08 | CA | Unknown | EB085049 |
| | -1.23 | 0.52 | CA | Chloroplast Val-tRNA | DY475537 |
| | -1.15 | 0.23 | CA | Cytochrome C biogenesis protein ccsA | DY475393 |
| | -1.14 | 0.65 | CA | Unknown | DY475533 |
| | -1.12 | 0.40 | LS | Protein kinase C inhibitor-like protein | DY396285 |
| | -0.97 | 0.49 | LS | Transcription initiation protein SPT4 | DY396309 |
| | -0.94 | 0.24 | CA | Unknown | DY475236 |
| | -0.75 | 0.41 | LS | <i>Cf9</i> resistance gene cluster | DY396352 |
| FL Down | -5.51 | 0.55 | CA | Protein containing leucine-zipper motif | CV793599 |
| | -3.55 | 1.05 | CA | Unknown | DY475051 |
| | -3.39 | 0.55 | CA | Unknown | DY475125 |
| | -3.36 | 0.41 | CA | Chloroplast DNA for P700 chlorophyll a-apoprotein | DY475501 |
| | -3.00 | 1.28 | CA | Unknown | DY475253 |
| | -2.91 | 0.47 | CA | 26S rRNA | DY475211 |
| | -2.88 | 0.29 | LS | Putative senescence-associated protein | DY396273 |
| | -2.83 | 0.61 | CA | Cytochrome C biogenesis protein ccsA | DY475393 |
| | -2.80 | 0.90 | LS | Dehydration stress-induced protein | DY396321 |
| | -2.63 | 0.47 | LS | Putative protein kinase | DY396351 |
| | -2.58 | 0.62 | LS | Putative protein kinase | DY396375 |
| | -2.57 | 0.63 | CA | Unknown | EB085049 |
| | -2.48 | 0.66 | CA | Unknown | EB085063 |
| | -2.45 | 1.50 | CA | Homogentisate 1,2 dioxygenase | DY475551 |
| | -2.39 | 0.25 | CA | Unknown | DY475431 |

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|-------|------|----|---|----------|
| -2.15 | 1.25 | LS | Alpha-amylase | DY396402 |
| -2.12 | 0.77 | CA | Unknown | DY475293 |
| -2.08 | 0.88 | CA | Unknown | EB085021 |
| -2.03 | 0.24 | CA | Unclear | DY475522 |
| -2.02 | 0.17 | CA | Chloroplast Val-tRNA | DY475537 |
| -1.93 | 0.34 | CA | Unclear | DY475095 |
| -1.84 | 0.83 | LS | Protein kinase C inhibitor-like protein | DY396283 |
| -1.71 | 0.43 | LS | Serine carboxypeptidase isolag | DY396280 |
| -1.71 | 0.86 | CA | Unclear | DY475546 |
| -1.54 | 0.32 | CA | Unknown | DY475048 |
| -1.51 | 0.14 | CA | Chloroplast 4.5S, 5S, 16S and 23S mRNA | DY475545 |
| -1.49 | 0.31 | LS | Cornifin alpha (small proline-rich protein) | DY396399 |
| -1.46 | 0.11 | CA | Unknown | DY475462 |
| -1.42 | 0.39 | CA | Amino acid transferase | DY475122 |
| -1.42 | 0.03 | CA | Chloroplast 16S rRNA | DY475101 |
| -1.36 | 0.30 | CA | Unknown | DY475536 |
| -1.36 | 0.16 | CA | 26S rRNA | EB085013 |
| -1.31 | 0.59 | CA | Unclear | DY475313 |
| -1.27 | 0.27 | CA | Unknown | DY475236 |
| -1.21 | 0.40 | CA | Unknown | DY475338 |
| -1.19 | 0.48 | LS | Protein kinase C inhibitor-like protein | DY396285 |
| -1.18 | 0.12 | CA | Unknown | DY475539 |
| -1.17 | 0.35 | CA | Unknown | EB085064 |
| -1.14 | 0.55 | CA | Sorting nexin protein | DY475523 |
| -1.12 | 0.23 | LS | Caffeoyl-CoA-Methyltransferase | DY396415 |
| -0.91 | 0.60 | CA | Phosphate-induced protein | DY475172 |
| -0.89 | 0.30 | LS | Serine/threonine protein kinase | DY396307 |
| -0.89 | 0.36 | CA | Chlorophyll mRNA | EB085059 |
| -0.80 | 0.50 | CA | Phosphate-induced protein | EB085042 |
| -0.77 | 0.44 | LS | ER66 protein/calmodulin binding protein | DY396364 |

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| Time-point | Condition | Fold change | 95% +/- | Clone source | Putative function | GenBank accession |
|-------------------|------------------|--------------------|----------------|---------------------|---|--------------------------|
| 03 hpt | IC Up | 1.18 | 0.25 | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 |
| | | 1.16 | 0.06 | LS | Pathogenesis-related protein 4A | DY396281 |
| | | 1.07 | 0.45 | CA | Pathogenesis-related protein 4A | CV793597 |
| | | 0.89 | 0.15 | CA | Unclear | EB085058 |
| LA Up | LA Up | 1.88 | 0.15 | CA | Glutathione S-transferase | DY475250 |
| | | 1.30 | 0.31 | CA | Unknown | DY475401 |
| | | 1.17 | 0.23 | CA | Unclear | EB085058 |
| | | 0.98 | 0.17 | CA | Phosphate-induced protein | DY475076 |
| | | 0.98 | 0.11 | CA | Unknown | DY475485 |
| | | 0.84 | 0.23 | CA | Unclear | DY475186 |
| | | 0.80 | 0.64 | CA | 18S rRNA | DY475542 |
| | | FL Up | FL Up | 1.41 | 0.11 | LS |
| 1.38 | 0.08 | | | LS | Thioredoxin H-type 1 | DY396330 |
| 1.26 | 0.15 | | | LS | Cytochrome B5 | DY396340 |
| 0.96 | 0.17 | | | LS | Histone H2A | DY396268 |
| 0.72 | 0.28 | | | LS | Ripening-related protein | DY396347 |
| IC Down | IC Down | -1.34 | 0.38 | LS | Cytochrome B5 | DY396340 |
| | | -1.21 | 0.18 | LS | Putative auxin-repressed protein | DY396269 |
| | | -1.20 | 0.19 | LS | Dehydrin-cognate | DY396324 |

| | | | | | | |
|---------|-------|-------|------|----|---|----------|
| | | -1.19 | 0.33 | LS | Disease resistance response protein 39 precursor | DY396296 |
| | | -1.17 | 0.04 | LS | Putative senescence-associated protein | DY396273 |
| | | -1.13 | 0.24 | CA | Chloroplast DNA | EB085050 |
| | | -1.12 | 0.15 | LS | Putative auxin-repressed protein | DY396359 |
| | | -1.10 | 0.22 | LS | Putative nuclear transport factor 2 | DY396436 |
| | | -1.05 | 0.10 | LS | Thioredoxin H-type 1 | DY396330 |
| | | -1.05 | 0.06 | CA | Xylosidase | DY475408 |
| | | -1.04 | 0.16 | CA | Photosystem I assembly protein ycf3 | DY475345 |
| | | -1.02 | 0.12 | CA | Chloroplast 16S rRNA | DY475146 |
| | | -1.00 | 0.24 | CA | Unknown | DY475339 |
| | | -1.00 | 0.17 | CA | Photosystem I reaction centre subunit IX | DY475047 |
| | | -0.99 | 0.14 | CA | Beta-galactosidase | EB085056 |
| | | -0.99 | 0.12 | LS | NADH dehydrogenase | DY396279 |
| | | -0.98 | 0.13 | LS | Polyubiquitin | DY396354 |
| | | -0.94 | 0.20 | LS | Putative auxin-repressed protein | DY396292 |
| | | -0.94 | 0.14 | LS | Putative auxin-repressed protein | DY396289 |
| | | -0.92 | 0.13 | LS | Poly(A)-binding protein | DY396412 |
| | | -0.89 | 0.24 | CA | Unclear | DY475175 |
| | | -0.82 | 0.18 | CA | NADH-plastoquinone oxidoreductase | DY475556 |
| | | -0.70 | 0.34 | LS | Alpha-amylase precursor | DY396337 |
| LA Down | | -1.68 | 0.37 | LS | Putative senescence-associated protein | DY396273 |
| | | -1.52 | 0.19 | CA | Unknown | DY475084 |
| | | -1.43 | 0.60 | CA | Xylosidase | DY475408 |
| | | -1.38 | 0.37 | LS | Protein kinase-like protein | DY396362 |
| | | -1.37 | 0.38 | LS | <i>Cf9</i> resistance gene cluster | DY396352 |
| | | -1.20 | 0.13 | CA | Fructose-1,6-bisphosphatase | DY475543 |
| | | -1.18 | 0.39 | LS | Laccase-like protein | DY396358 |
| | | -1.13 | 0.17 | LS | Pathogenesis-related protein 4A | DY396281 |
| | | -0.97 | 0.33 | CA | Probable 3-hydroxyisobutyrate dehydrogenase mitochondrial precursor | DY475417 |
| | | -0.95 | 0.17 | CA | Unclear | DY475175 |
| | | -0.93 | 0.34 | LS | Ca-binding carrier protein | DY396262 |
| | | -0.74 | 0.26 | LS | Putative membrane related protein | DY396429 |
| | | -0.69 | 0.34 | CA | Unknown | DY475177 |
| FL Down | | -1.11 | 0.06 | CA | Auxin repressed protein | DY475137 |
| | | -0.94 | 0.10 | CA | Chloroplast DNA | EB085019 |
| | | -0.93 | 0.22 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | | -0.93 | 0.07 | CA | Class 10 pathogenesis related protein | CV793610 |
| | | -0.86 | 0.23 | CA | Unclear | DY475274 |
| 27 hpt | IC Up | 2.27 | 0.29 | CA | Oxygen splitting enhancer of photosystem II | DY475060 |
| | | 1.96 | 0.56 | CA | Unknown | EB085053 |
| | | 1.53 | 0.48 | CA | Unknown | DY475160 |
| | | 1.22 | 0.70 | CA | SNAKIN2 antimicrobial peptide precursor | CV793608 |
| | | 1.00 | 0.37 | CA | Adenosylhomocysteinase | DY475372 |
| | | 0.94 | 0.06 | CA | Unknown | DY475401 |
| | | 0.92 | 0.20 | CA | Carbonic anhydrase like protein | DY475403 |
| | | 0.76 | 0.39 | CA | Unknown | DY475472 |
| | LA Up | 0.93 | 0.17 | CA | Carbonic anhydrase like protein | DY475403 |
| | | 0.82 | 0.18 | CA | Unknown | DY475191 |
| | FL Up | 1.54 | 0.07 | CA | ATP synthase | DY475423 |
| | | 1.48 | 0.03 | CA | DnaJ-like protein | DY475488 |
| | | 1.13 | 0.04 | CA | Unknown | DY475293 |
| | | 0.70 | 0.40 | CA | Unknown | DY475191 |

| | | | | | |
|---------|-------|------|----|---|----------|
| IC Down | -4.58 | 0.82 | LS | Nitrate transporter NRT1-1 | DY396335 |
| | -4.45 | 1.01 | CA | Unknown | DY475364 |
| | -4.41 | 1.20 | CA | Probable 3-hydroxyisobutyrate dehydrogenase mitochondrial precursor | DY475417 |
| | -4.16 | 0.54 | CA | Unknown | EB085052 |
| | -3.96 | 1.32 | CA | Unclear | DY475273 |
| | -3.85 | 0.83 | CA | NADH-plastoquinone oxidoreductase | DY475287 |
| | -3.58 | 1.50 | LS | Putative senescence-associated protein | DY396273 |
| | -3.56 | 0.32 | CA | Unknown | DY475390 |
| | -3.47 | 0.87 | CA | Protein kinase | DY475077 |
| | -3.00 | 0.46 | CA | NADH dehydrogenase | DY475316 |
| | -2.91 | 1.26 | CA | Superoxide dismutase copper chaperone precursor | DY475397 |
| | -2.89 | 0.39 | CA | Peptidase-like protein | DY475387 |
| | -2.68 | 0.98 | CA | Apocytochrome F | DY475181 |
| | -2.53 | 0.23 | CA | Unknown | EB085021 |
| | -2.32 | 0.68 | CA | Unclear | DY475284 |
| | -2.23 | 0.12 | CA | 26S rRNA | DY475211 |
| | -2.15 | 0.36 | CA | Unknown | DY475084 |
| | -2.06 | 0.82 | CA | Unknown | DY475283 |
| | -1.91 | 0.37 | CA | Unknown | DY475513 |
| | -1.86 | 0.19 | CA | Xylosidase | DY475408 |
| | -1.79 | 0.18 | CA | 26S ribosomal RNA | DY475153 |
| | -1.78 | 0.06 | CA | Unknown | DY475539 |
| | -1.70 | 0.15 | CA | Unknown | DY475451 |
| | -1.57 | 0.42 | CA | Unknown | EB085062 |
| | -1.56 | 0.16 | CA | Unknown | EB085064 |
| | -1.56 | 0.33 | CA | Unknown | DY475336 |
| | -1.52 | 0.74 | CA | Chloroplast DNA | DY475541 |
| | -1.47 | 0.41 | CA | Cytochrome F | DY475180 |
| | -1.47 | 0.75 | CA | Unknown | DY475289 |
| | -1.02 | 0.33 | CA | Unknown | DY475178 |
| | -0.95 | 0.64 | CA | 18S rRNA | EB085047 |
| | -0.75 | 0.47 | CA | Unclear | EB085048 |
| | -0.64 | 0.72 | CA | Chloroplast DNA | EB085050 |
| | -0.54 | 0.79 | CA | Cytochrome C oxidase subunit | DY475113 |
| LA Down | -1.47 | 0.29 | CA | Wound-induced protein | DY475220 |
| | -1.17 | 0.35 | LS | Putative auxin-repressed protein | DY396289 |
| | -0.86 | 0.17 | LS | Subtilisin inhibitors I and II | DY396374 |
| FL Down | -1.10 | 0.12 | CA | Chloroplast DNA | EB085019 |
| | -1.00 | 0.03 | LS | Putative auxin-repressed protein | DY396379 |
| | -0.90 | 0.20 | LS | Pathogenesis-related protein 4A | DY396372 |
| | -0.87 | 0.21 | LS | Putative auxin-repressed protein | DY396359 |
| | -0.76 | 0.23 | LS | Pathogenesis-related protein | DY396301 |

Supplemental Table 2

Characteristics of the 768 microarray features

| Meta Row | Meta Column | Row | Column | GenBank Accession | Gene Name | Source | Biosequence Type | Reporter Usage | Control Type |
|----------|-------------|-----|--------|-------------------|--|-------------------------|------------------|----------------|--------------|
| 1 | 1 | 1 | 1 | DY396334 | Aquaporin-like transmembrane channel protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 1 | 2 | DY396423 | Gibberellin-regulated protein 3 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 1 | DY396360 | Poly(A)-binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 2 | DY396394 | Transcription initiation factor TFIID 85 KDA subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 3 | DY396387 | Similarity to RNA-binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 4 | DY396378 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 5 | DY396376 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 6 | DY396371 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 7 | DY396414 | Splicing factor RSZ33 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 8 | DY396410 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 9 | DY396293 | Thioredoxin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 10 | DY396290 | Splicing factor-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 11 | DY396282 | 18.2 KDA class I heat shock protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 12 | DY396279 | NADH dehydrogenase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 13 | DY396386 | Amine oxidase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 2 | 14 | DY396338 | Senescence-associated protein DIN1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 1 | DY396374 | Subtilisin inhibitors I and II (ASI-I and ASI-II) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 2 | DY396379 | Putative auxin-repressed protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 3 | DY396382 | Protein kinase-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 4 | DY396405 | PR1A precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 5 | DY396389 | Polygalacturonase inhibitor protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 6 | DY396392 | Multi resistance protein (F20D22.11 protein) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 7 | DY396288 | Hypothetical proline-rich protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 8 | DY396302 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 9 | DY396432 | Transcription initiation factor IIF, beta subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 10 | DY396286 | Ubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 11 | DY396274 | Ubiquitin-specific protease 6 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 12 | DY396322 | Metallothionein-like protein 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 13 | DY396320 | salt-inducible protein-like | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 3 | 14 | DY396318 | Transcription initiation factor IIF beta subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 1 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 2 | EB085055 | 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

| | | | | | | | | | |
|---|---|---|----|----------|---|-------------------------|------------|--------------|----|
| 1 | 1 | 4 | 3 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 4 | EB085058 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 5 | DY396283 | Protein kinase C inhibitor-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 6 | DY396289 | Putative auxin-repressed protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 7 | DY396292 | Putative auxin-repressed protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 8 | DY396296 | Disease resistance response protein 39 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 9 | DY396299 | Beta-glucan binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 10 | DY396301 | Pathogenesis-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 11 | DY396305 | Pathogenesis-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 12 | DY396311 | Disease resistance response protein 230 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 13 | DY396365 | Serine acetyl transferase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 4 | 14 | DY396369 | Putative WD-repeat protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 1 | EB085019 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 2 | EB085021 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 3 | EB085038 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 4 | EB085039 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 5 | DY475538 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 7 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 8 | EB085043 | Translation initiation factor SUI1 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 9 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 10 | EB085045 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 11 | EB085051 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 12 | EB085066 | 4.5S, 5S, 16S and 23S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 13 | EB085053 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 5 | 14 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 1 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 2 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 3 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 4 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 5 | EB085060 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 7 | EB085027 | 5.8S, 18S and 25S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 8 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 9 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 10 | EB085065 | 18S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

| | | | | | | | | | |
|---|---|---|----|----------|---------------------------------|------------------------|------------|--------------|----|
| 1 | 1 | 6 | 11 | DY475554 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 12 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 13 | DY475536 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 6 | 14 | DY475532 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 1 | DY475350 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 2 | DY475353 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 3 | DY475360 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 4 | DY475363 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 5 | DY475365 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 6 | DY475369 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 7 | DY475436 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 8 | DY475439 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 9 | DY475446 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 10 | DY475459 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 11 | DY475462 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 12 | DY475472 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 13 | DY475481 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 7 | 14 | DY475483 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 1 | DY475171 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 2 | DY475178 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 3 | DY475187 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 4 | DY475191 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 5 | DY475260 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 6 | DY475268 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 7 | DY475275 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 8 | DY475279 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 9 | DY475281 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 10 | DY475288 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 11 | DY475291 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 12 | DY475295 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 13 | DY475342 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 8 | 14 | DY475347 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 1 | DY475323 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 2 | DY475333 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 3 | DY475552 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 4 | DY475522 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

| | | | | | | | | | |
|---|---|----|----|----------|---|------------------------|------------|--------------|----|
| 1 | 1 | 9 | 5 | DY475528 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 6 | DY475054 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 7 | DY475056 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 8 | DY475062 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 9 | DY475067 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 10 | DY475079 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 11 | DY475157 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 12 | DY475159 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 13 | DY475165 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 9 | 14 | DY475167 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 1 | DY475209 | Lipid transfer protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 2 | DY475290 | GTP-binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 3 | DY475447 | Protein transport protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 4 | DY475488 | DNAJ-like protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 5 | DY475523 | Sorting nexin protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 6 | DY475065 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 7 | DY475086 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 8 | DY475097 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 9 | DY475259 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 10 | DY475264 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 11 | DY475272 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 12 | DY475274 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 13 | DY475292 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 10 | 14 | DY475319 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 1 | DY475489 | Chlorophyll a/b binding protein Chloroplast DNA between the RUBISCO large subunit and ATPase (beta) genes | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 2 | DY475518 | | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 3 | DY475063 | Chloroplast 30S ribosomal protein S12 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 4 | DY475104 | Ribosomal protein L41 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 5 | DY475117 | 40S ribosomal protein S15 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 6 | DY475122 | Amino acid transferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 7 | DY475420 | 26S ribosomal protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 8 | DY475425 | 60S ribosomal protein L23 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 9 | DY475442 | Translation initiation factor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 10 | DY475499 | S28 ribosomal protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 11 | DY475506 | Chloroplast 50S ribosomal protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 12 | DY475510 | 30S ribosomal protein S13 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|---|------------------------|------------|--------------|----|
| 1 | 1 | 11 | 13 | DY475524 | 40S ribosomal protein S27 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 11 | 14 | DY475101 | Chloroplast 16S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 1 | DY475500 | Zinc-binding dehydrogenase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 2 | DY475530 | Thiamine biosynthesis protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 3 | CV793610 | Class 10 pathogenesis related protein Transcription factor of the AP2/EREBP1 DNA binding domain | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 4 | CV793594 | Photosystem I reaction centre subunit IX | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 5 | DY475047 | Chloroplast CP12 mRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 6 | DY475058 | Thioredoxin | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 7 | DY475069 | Ferredoxin-NADP reductase (EC 1.18.1.2) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 8 | DY475083 | Photosystem I reaction centre subunit IV | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 9 | DY475128 | Photosystem I reaction centre subunit XI | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 10 | DY475132 | Photosystem II D2 protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 11 | DY475142 | Photosystem II protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 12 | DY475148 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 13 | DY475454 | Photosystem II core complex protein psbY | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 12 | 14 | DY475480 | Thymidylate kinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 1 | DY475379 | WD repeat protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 2 | DY475550 | Superoxide dismutase (EC 1.15.1.1) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 3 | DY475155 | Acetyl transferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 4 | DY475179 | Apocytochrome F | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 5 | DY475181 | Squalene epoxidase enzyme (EC 1.14.99.7) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 6 | DY475199 | Glyceraldehyde 3-phosphate dehydrogenase (EC 1.2.1.12) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 7 | DY475212 | Ribose 5-phosphate isomerase (EC 5.3.1.6) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 8 | DY475240 | Glycine cleavage system H protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 9 | DY475234 | Fructose-1,6-bisphosphate aldolase (EC 4.1.2.13) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 10 | DY475547 | Succinate dehydrogenase subunit 3 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 11 | DY475443 | Lipoamide dehydrogenase (EC 1.8.1.4) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 12 | DY475457 | Asparagine synthetase (EC 6.3.5.4) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 13 | DY475475 | Homogentisate 1,2 dioxxygenase (EC 1.13.11.5) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 13 | 14 | DY475551 | Nucleotide-sugar epimerase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 1 | DY475112 | Nucleotide-sugar dehydratase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 2 | DY475244 | Actin | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 3 | DY475300 | Adenosylhomocysteinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 4 | DY475372 | Metallothionein protein (MT-2) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 5 | DY475049 | | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|--|-------------------------|------------|--------------|----------|
| 1 | 1 | 14 | 6 | DY475076 | Phosphate-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 7 | DY475092 | Dehydrin cold-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 8 | DY475137 | Auxin repressed protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 9 | DY475509 | PPF1 - post floral protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 10 | DY475077 | Protein kinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 11 | DY475103 | Protein kinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 12 | DY475198 | SNAP25 protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 13 | DY475248 | Polymorphic antigen membrane protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 1 | 14 | 14 | DY475320 | Serine/threonine protein kinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 1 | 8 | NA | Printing Control | NA | Oligo | Control | Printing |
| 1 | 2 | 1 | 9 | NA | Blank | NA | Blank | Control | Negative |
| 1 | 2 | 1 | 10 | NA | Blank | NA | Blank | Control | Negative |
| 1 | 2 | 2 | 1 | DY396406 | Metallothionein-like protein 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 2 | DY396402 | Alpha-amylase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 3 | DY396399 | Cornifin alpha (small proline-rich protein 1) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 4 | DY396270 | Putative deoxycytidylate deaminase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 5 | DY396267 | Enolase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 6 | DY396428 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 7 | DY396420 | Similarity to heat shock related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 8 | DY396317 | Putative glutaredoxin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 2 | 9 | DY396419 | Putative tonoplast intrinsic protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 1 | DY396411 | Calmodulin-binding protein/ER66 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 2 | DY396416 | Disease resistance response protein 230 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 3 | DY396422 | Protein kinase-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 4 | DY396426 | Subtilisin inhibitors I and II (ASI-I and ASI-II) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 5 | DY396427 | Lectin-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 6 | DY396430 | Chalcone reductase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 7 | DY396310 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 8 | DY396306 | Epoxide hydrolase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 9 | DY396342 | Glycine-rich cell wall protein GRP 1.8 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 10 | DY396340 | Cytochrome B5 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 11 | DY396337 | Alpha-amylase precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 12 | DY396326 | Ubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 13 | DY396368 | Ubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 3 | 14 | DY396363 | Magnesium chelatase subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 1 | DY396262 | Probable Ca-binding mitochondrial carrier AT2G35800 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|---|-------------------------|------------------|--------------|---------------|
| 1 | 2 | 4 | 2 | DY396265 | Disease resistance response protein DRRG49-C | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 3 | DY396275 | Putative chitinase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 4 | DY396277 | Disease resistance response protein 39 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 5 | DY396314 | Immunophilin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 6 | DY396331 | Glutathione peroxidase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 7 | DY396335 | Nitrate transporter NRT1-1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 8 | DY396436 | Putative nuclear transport factor 2 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 9 | DY396345 | Protein kinase-like protein (Serine/Threonine kinase PBS1) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 10 | DY396351 | Putative protein kinase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 11 | DY396358 | Laccase-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 12 | DY396362 | Protein kinase-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 13 | DY396395 | EREBP-4 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 4 | 14 | DY396384 | Pathogenesis-related protein 4A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 1 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 2 | EB085037 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 3 | EB085046 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 4 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 5 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 7 | DY475539 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 8 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 9 | EB085050 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 10 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 5 | 11 | NA | Normalisation control 2 | <i>Cicer arietinum</i> | cDNA clone | Control | Normalisation |
| 1 | 2 | 5 | 12 | NA | Digested pGEM-T Easy Vector II (Promega) Plasmid <i>AluI</i> | NA | Digested Plasmid | Control | Negative |
| 1 | 2 | 5 | 13 | NA | SMART (Clontech) PCR primer | NA | Oligo | Control | Negative |
| 1 | 2 | 5 | 14 | DY396260 | Subtilisin Inhibitors I and II (ASI-I and ASI-II) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 1 | EB085028 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 2 | EB085029 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 3 | EB085030 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 4 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 5 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 7 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 8 | EB085032 | Disease resistance response protein DRRG49-C | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|----------|------------------------|------------|--------------|----|
| 1 | 2 | 6 | 9 | EB085023 | 60S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 10 | DY475533 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 11 | EB085061 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 12 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 13 | EB085026 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 6 | 14 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 1 | DY475391 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 2 | DY475399 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 3 | DY475407 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 4 | DY475414 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 5 | DY475426 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 6 | DY475431 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 7 | DY475485 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 8 | DY475491 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 9 | DY475553 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 10 | DY475519 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 11 | DY475521 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 12 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 13 | EB085014 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 7 | 14 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 1 | DY475230 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 2 | DY475236 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 3 | DY475243 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 4 | DY475255 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 5 | DY475298 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 6 | DY475303 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 7 | DY475311 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 8 | DY475315 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 9 | DY475327 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 10 | DY475331 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 11 | DY475337 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 12 | DY475339 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 13 | DY475373 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 8 | 14 | DY475382 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 1 | DY475444 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 2 | DY475473 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|---------------------------------------|------------------------|------------|--------------|----|
| 1 | 2 | 9 | 3 | DY475081 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 4 | DY475085 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 5 | DY475094 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 6 | DY475100 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 7 | DY475106 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 8 | DY475125 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 9 | DY475133 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 10 | DY475051 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 11 | DY475203 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 12 | DY475208 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 13 | DY475215 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 9 | 14 | DY475219 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 1 | DY475114 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 2 | DY475126 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 3 | DY475175 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 4 | DY475205 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 5 | DY475217 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 6 | DY475222 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 7 | DY475226 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 8 | DY475235 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 9 | DY475367 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 10 | DY475380 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 11 | DY475388 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 12 | DY475549 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 13 | DY475409 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 10 | 14 | DY475418 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 1 | DY475312 | 60S ribosomal protein L14 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 2 | DY475324 | 60S ribosomal protein L19 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 3 | DY475344 | Chloroplast 50S ribosomal protein L14 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 4 | DY475354 | 40S ribosomal protein S27A | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 5 | DY475371 | 60S ribosomal protein L38 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 6 | DY475395 | 60S ribosomal protein L11 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 7 | DY475109 | Mitochondrial 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 8 | DY475146 | Chloroplast 16S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 9 | DY475153 | 26S ribosomal RNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 10 | DY475196 | RNA polymerase beta subunit | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|---|------------------------|------------|--------------|----|
| 1 | 2 | 11 | 11 | DY475297 | RNA binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 12 | DY475419 | DNA directed RNA polymerase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 13 | DY475074 | Protein transport protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 11 | 14 | DY475169 | Potassium channel regulatory factor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 1 | CV793606 | SNAKIN2 antimicrobial peptide precursor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 2 | CV793608 | SNAKIN2 antimicrobial peptide precursor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 3 | CV793603 | Nematode resistance protein <i>Hs1pro-1</i> homologue | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 4 | CV793587 | Extensin-like protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 5 | DY475163 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 6 | DY475202 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 7 | DY475245 | ATP synthase (EC 3.6.1.34) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 8 | DY475287 | NADH-plastoquinone oxidoreductase subunit I (EC 1.6.5.3) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 9 | DY475304 | Similar to ferredoxin-thioredoxin reductase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 10 | DY475316 | NADH dehydrogenase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 11 | DY475402 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 12 | DY475430 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 13 | DY475131 | 50S ribosomal protein L12 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 12 | 14 | DY475238 | Chloroplast 30S ribosomal protein S7 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 1 | DY475136 | Cytochrome P450 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 2 | DY475149 | UDP-glucose 4-epimerase (EC 5.1.3.2) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 3 | DY475286 | Similar to alpha galactosidase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 4 | DY475306 | Cationic peroxidase (EC 1.11.1.7) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 5 | DY475309 | Xylose isomerase (EC 5.3.1.5) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 6 | DY475374 | Cytochrome P450 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 7 | DY475387 | Peptidase-like protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 8 | DY475396 | Similar to endopeptidase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 9 | DY475403 | Carbonic anhydrase like protein (EC 4.2.1.1) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 10 | DY475415 | Beta glucosidase (EC 3.2.1.21) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 11 | CV793593 | Homology to putative disease resistance protein from <i>A. thaliana</i> | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 12 | CV793598 | beta-1,3-glucanase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 13 | CV793600 | Transcriptional activator | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 13 | 14 | CV793602 | Cinnamyl-alcohol-dehydrogenase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 1 | DY475172 | Phosphate-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 2 | DY475192 | Dehydration-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 3 | DY475220 | Wound-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|---|-------------------------|------------|--------------|----|
| 1 | 2 | 14 | 4 | DY475237 | Translation initiation factor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 5 | DY475254 | Wound-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 6 | DY475278 | Heat shock protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 7 | DY475335 | Heat shock protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 8 | DY475453 | Heat shock protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 9 | DY475463 | Similarity to protein-tyrosine-kinase receptor (EC 2.7.1.112) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 10 | DY475478 | Hypothetical transmembrane protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 11 | DY475525 | Actin regulating protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 12 | DY475068 | L-allo-threonine aldolase (EC 4.1.2.5) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 13 | DY475105 | Sucrose synthase (EC 2.4.1.14) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 2 | 14 | 14 | DY475108 | Asparagine synthetase (EC 6.3.5.4) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 1 | 1 | DY396330 | Thioredoxin H-type 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 1 | 2 | DY396404 | Glutathione S-transferase GST 8 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 1 | DY396354 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 2 | DY396413 | Catalase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 3 | DY396383 | Putative extracellular dermal glycoprotein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 4 | DY396377 | Ripening-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 5 | DY396373 | Metallothionein-like protein 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 6 | DY396370 | Ubiquitin-conjugating enzyme E2 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 7 | DY396412 | Poly(A)-binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 8 | DY396408 | Ubiquitin-specific protease 16 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 9 | DY396284 | Histone deacetylase 2 isoform B | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 10 | DY396287 | Kinesin-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 11 | DY396280 | Serine carboxypeptidase isolag | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 12 | DY396396 | Cysteine proteinase 15A precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 13 | DY396348 | Glycolate oxidase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 2 | 14 | DY396435 | L-ascorbate peroxidase cytosolic | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 1 | DY396375 | Putative protein kinase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 2 | DY396381 | Small GTP-binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 3 | DY396388 | Pathogenesis-related protein 4A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 4 | DY396385 | TMV resistance protein-like | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 5 | DY396390 | Disease resistance response protein 230 (DRR230-a) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 6 | DY396393 | 6-Phosphogluconate dehydrogenase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 7 | DY396303 | Ubiquitin-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 8 | DY396298 | Environmental stress inducible protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 9 | DY396295 | Metallothionein-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|---|-------------------------|------------|--------------|---------------|
| 1 | 3 | 3 | 10 | DY396278 | Ubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 11 | DY396263 | Transcription factor NTLIM1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 12 | DY396321 | Dehydration stress-induced protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 13 | DY396319 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 3 | 14 | DY396315 | Auxin-responsive protein IAA9 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 1 | DY475542 | 18S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 2 | EB085056 | Beta-galactosidase (EC 3.2.1.23) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 3 | EB085057 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 4 | NA | Normalisation control 1 | <i>Cicer arietinum</i> | cDNA clone | Control | Normalisation |
| 1 | 3 | 4 | 5 | DY396285 | Protein kinase C inhibitor-like protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 6 | DY396291 | Putative ARF1 GTPase activating protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 7 | DY396294 | Putative steroid binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 8 | DY396297 | Isovaleryl-coa dehydrogenase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 9 | DY396300 | ATHP3 (histidine-containing phosphotransfer protein like) | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 10 | DY396304 | Putative steroid binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 11 | DY396307 | Serine/thrionine protein kinase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 12 | DY396313 | Guanine nucleotide regulatory protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 13 | DY396367 | Small GTP-binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 4 | 14 | DY396372 | Pathogenesis-related protein 4A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 1 | EB085020 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 2 | EB085022 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 3 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 4 | EB085040 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 5 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 6 | EB085041 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 7 | EB085042 | Phosphate-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 8 | EB085044 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 9 | DY475558 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 10 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 11 | EB085052 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 12 | EB085064 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 13 | EB085054 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 5 | 14 | DY475541 | Chloroplast DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 1 | DY475531 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 2 | EB085015 | Translational activator | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 3 | EB085016 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|---|------------------------|------------|--------------|----|
| 1 | 3 | 6 | 4 | EB085017 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 5 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 7 | DY475556 | NADH-plastoquinone oxidoreductase chain 1 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 8 | EB085063 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 9 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 10 | EB085018 | Acyl-activating enzyme | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 11 | EB085034 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 12 | EB085035 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 13 | DY475537 | Chloroplast Val-tRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 6 | 14 | DY475555 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 1 | DY475351 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 2 | DY475356 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 3 | DY475362 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 4 | DY475364 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 5 | DY475366 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 6 | DY475370 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 7 | DY475437 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 8 | DY475445 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 9 | DY475451 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 10 | DY475461 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 11 | DY475469 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 12 | DY475476 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 13 | DY475482 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 7 | 14 | DY475484 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 1 | DY475177 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 2 | DY475185 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 3 | DY475189 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 4 | DY475193 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 5 | DY475263 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 6 | DY475270 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 7 | DY475277 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 8 | DY475280 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 9 | DY475283 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 10 | DY475289 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 11 | DY475293 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|--|------------------------|------------|--------------|----|
| 1 | 3 | 8 | 12 | DY475296 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 13 | DY475343 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 8 | 14 | DY475349 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 1 | DY475329 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 2 | DY475355 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 3 | DY475515 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 4 | DY475526 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 5 | DY475048 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 6 | DY475055 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 7 | DY475061 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 8 | DY475064 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 9 | DY475075 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 10 | DY475080 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 11 | DY475158 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 12 | DY475160 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 13 | DY475166 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 9 | 14 | DY475168 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 1 | DY475239 | Membrane sugar-transport protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 2 | DY475424 | Beta adaptin like protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 3 | DY475468 | Cyclic ion channel protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 4 | DY475512 | Aquaporin 2 protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 5 | DY475053 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 6 | DY475071 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 7 | DY475095 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 8 | DY475099 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 9 | DY475262 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 10 | DY475265 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 11 | DY475273 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 12 | DY475284 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 13 | DY475313 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 10 | 14 | DY475322 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 1 | DY475501 | Chloroplast DNA for P700 chlorophyll a- apoproteins | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 2 | DY475050 | Chloroplast 30S ribosomal protein S3 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 3 | DY475073 | 40S ribosomal protein S3 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 4 | DY475110 | 60S ribosomal protein L17 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 5 | DY475120 | 40S ribosomal protein S18 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|--|------------------------|------------|--------------|----|
| 1 | 3 | 11 | 6 | DY475123 | 60S ribosomal protein L10 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 7 | DY475421 | Acidic 60s ribosomal protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 8 | DY475429 | 50S ribosomal protein L7Ae | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 9 | DY475479 | Serine:glyoxylate aminotransferase (EC 2.6.1.45)/alanine:glyoxylate aminotransferase (EC 2.6.1.44) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 10 | DY475504 | S29 ribosomal protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 11 | DY475507 | Anthranilate phosphoribosyltransferase-like protein (EC 2.4.2.18) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 12 | DY475511 | Histidine-containing phosphotransferprotein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 13 | DY475087 | Mitochondrial 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 11 | 14 | DY475544 | Chloroplast 4.5S, 5S, 16S and 23S mRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 1 | DY475516 | Cytochrome C oxidase subunit | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 2 | CV793595 | Caffeoyl-CoA-Methyltransferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 3 | CV793589 | Homology to an Avr9/Cf9 rapidly elicited protein from <i>N. tabacum</i> | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 4 | CV793591 | S1-3 protein homologue induced by CMV infection in cowpea | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 5 | DY475052 | Oxygen splitting enhancer protein of photosytem II | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 6 | DY475060 | Oxygen splitting enhancer protein of photosytem II | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 7 | DY475082 | ATP synthase (EC 3.6.1.34) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 8 | DY475116 | Photosystem II reaction centre I protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 9 | DY475129 | mRNA for light inducible protein precursor of photosystem II | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 10 | DY475139 | NADH dehydrogenase subunit/NADH-Plastoquinone oxidoreductase subunit | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 11 | DY475144 | Chloroplast psbB operon | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 12 | DY475151 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 13 | DY475464 | ATP Synthase C chain (lipid binding protein) (EC 3.6.1.34) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 12 | 14 | DY475487 | Ferredoxin | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 1 | DY475384 | Serine/threonine protein kinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 2 | DY475410 | Multispanning membrane protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 3 | DY475170 | S-adenosylmethionine decarboxylase (EC 4.1.1.50) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 4 | DY475180 | Cytochrome F | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 5 | DY475184 | Carboxytransferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 6 | DY475200 | Nodulin 21 protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 7 | DY475213 | Carbonic anhydrase (EC 4.2.1.1) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|--|-------------------------|------------|--------------|----------|
| 1 | 3 | 13 | 8 | DY475221 | UDP-glucose 4-epimerase (EC 5.1.3.2) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 9 | DY475242 | Thiazole biosynthetic enzyme | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 10 | DY475282 | Trehalose-phosphatase (EC 3.1.3.12) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 11 | DY475449 | Cytochrome P450 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 12 | DY475458 | Cysteine proteinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 13 | DY475477 | Asparagine synthetase (glutamine hydrolysing) (EC 6.3.5.4) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 13 | 14 | DY475498 | Glucosyltransferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 1 | DY475227 | Myosin heavy-chain protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 2 | DY475266 | DNA binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 3 | DY475357 | RNA/ssDNA binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 4 | DY475493 | Formyltetrahydrofolate deformylase-like (EC 3.5.1.10) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 5 | DY475070 | Dehydration-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 6 | DY475078 | Auxin-repressed protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 7 | DY475111 | Wound-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 8 | DY475138 | Aluminium-induced protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 9 | DY475517 | Farnesylated/isoprenylated protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 10 | DY475091 | Zinc finger protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 11 | DY475119 | Membrane-related protein CP5 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 12 | DY475246 | GPI-anchored membrane protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 13 | DY475271 | Histidine-rich glycoprotein precursor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 3 | 14 | 14 | DY475348 | Proline-rich structural protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 1 | 8 | NA | Printing Control | NA | Oligo | Control | Printing |
| 1 | 4 | 1 | 9 | NA | Blank | NA | Blank | Control | Negative |
| 1 | 4 | 1 | 10 | NA | Blank | NA | Blank | Control | Negative |
| 1 | 4 | 2 | 1 | DY396403 | Ubiquitin-carboxyl extension Ubiquinol-cytochrome C reductase complex 6.7 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 2 | DY396401 | KDA protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 3 | DY396397 | Heat shock protein DNAJ homologue | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 4 | DY396268 | Histone H2A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 5 | DY396266 | Nucleic acid binding protein-like | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 6 | DY396424 | Ubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 7 | DY396417 | Glycogen synthase kinase-3 homologue MSK-3 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 2 | 8 | DY396308 | Xyloglucan endotransglycosylase LEXET2 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 1 | DY396415 | Caffeoyl-coa O-methyltransferase 4 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 2 | DY396418 | Protein transport protein SEC61 gamma subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|---|-------------------------|------------|--------------|----|
| 1 | 4 | 3 | 3 | DY396425 | Disease resistance response protein 230 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 4 | DY396347 | Ripening-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 5 | DY396429 | Putative membrane related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 6 | DY396273 | Putative senescence-associated protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 7 | DY396309 | Transcription initiation protein SPT4 homologue 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 8 | DY396344 | Ripening-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 9 | DY396341 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 10 | DY396339 | Magnesium chelatase subunit | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 11 | DY396328 | Polyubiquitin | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 12 | DY396324 | Dehydrin-cognate | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 13 | DY396366 | Putative ubiquitin protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 3 | 14 | DY396361 | Heat shock factor binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 1 | DY396264 | Protein kinase precursor-like | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 2 | DY396269 | Putative auxin-repressed protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 3 | DY396276 | Disease resistance response protein 39 precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 4 | DY396281 | Pathogenesis-related protein 4A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 5 | DY396325 | Cutinase negative acting protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 6 | DY396332 | Lipid transfer protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 7 | DY396336 | RAC-GTP binding protein-like | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 8 | DY396343 | Pathogenesis-related protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 9 | DY396350 | Nonspecific lipid-transfer protein precursor | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 10 | DY396352 | CF-9 resistance gene cluster | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 11 | DY396359 | Putative auxin-repressed protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 12 | DY396364 | ER66 protein/calmodulin binding protein | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 13 | DY396400 | EREBP-4 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 4 | 14 | DY396407 | Defence-related peptide 1 | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 1 | EB085036 | Chloroplast 30S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 2 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 3 | EB085047 | 18S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 4 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 5 | EB085048 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 6 | EB085049 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 7 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 8 | DY475540 | 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 9 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 10 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|---|----|----------|---|-------------------------|------------------|--------------|---------------|
| 1 | 4 | 5 | 11 | NA | Normalisation control 3 Digested pGEM-T Easy Vector II (Promega) | <i>Cicer arietinum</i> | cDNA clone | Control | Normalisation |
| 1 | 4 | 5 | 12 | NA | Plasmid <i>HaeIII</i> | NA | Digested Plasmid | Control | Negative |
| 1 | 4 | 5 | 13 | DY396259 | GTP-binding protein SAR1A | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 5 | 14 | DY396261 | Receptor-like protein kinase | <i>Lathyrus sativus</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 1 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 2 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 3 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 4 | EB085031 | Cytochrome P450 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 5 | DY475557 | 18S rRNA, partial | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 6 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 7 | DY475535 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 8 | EB085033 | 5.8S, 18S and 25S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 9 | EB085024 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 10 | DY475534 | Chlorophyll a/b binding protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 11 | EB085025 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 12 | EB085062 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 13 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 6 | 14 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 1 | DY475392 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 2 | DY475401 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 3 | DY475412 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 4 | DY475416 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 5 | DY475428 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 6 | DY475432 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 7 | DY475490 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 8 | DY475503 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 9 | DY475513 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 10 | DY475520 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 11 | DY475529 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 12 | EB085013 | 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 13 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 7 | 14 | NA | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 1 | DY475232 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 2 | DY475241 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 3 | DY475253 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 4 | DY475256 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|---------|------------------------|------------|--------------|----|
| 1 | 4 | 8 | 5 | DY475299 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 6 | DY475310 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 7 | DY475314 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 8 | DY475326 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 9 | DY475330 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 10 | DY475336 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 11 | DY475338 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 12 | DY475340 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 13 | DY475377 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 8 | 14 | DY475390 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 1 | DY475448 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 2 | DY475495 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 3 | DY475084 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 4 | DY475089 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 5 | DY475098 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 6 | DY475102 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 7 | DY475115 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 8 | DY475130 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 9 | DY475143 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 10 | DY475156 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 11 | DY475206 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 12 | DY475210 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 13 | DY475216 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 9 | 14 | DY475223 | Unknown | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 1 | DY475118 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 2 | DY475173 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 3 | DY475186 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 4 | DY475214 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 5 | DY475218 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 6 | DY475546 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 7 | DY475233 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 8 | DY475257 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 9 | DY475376 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 10 | DY475386 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 11 | DY475389 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 12 | DY475400 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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|---|---|----|----|----------|--|------------------------|------------|--------------|----|
| 1 | 4 | 10 | 13 | DY475411 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 10 | 14 | DY475438 | Unclear | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 1 | DY475317 | 40S ribosomal protein S8 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 2 | DY475334 | Chloroplast 30S ribosomal protein S7 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 3 | DY475346 | Elongation factor (translation initiation factor) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 4 | DY475359 | 50S ribosomal protein L27 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 5 | DY475394 | 60S ribosomal protein L39 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 6 | DY475406 | FKBP-type peptidyl-prolyl cis-trans isomerase (EC 5.2.1.8) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 7 | DY475545 | Chloroplast 4.5S, 5S, 16S and 23S mRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 8 | DY475150 | 18S nuclear rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 9 | DY475154 | Chloroplast 4.5S/5S/16S/23S mRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 10 | DY475211 | 26S rRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 11 | DY475375 | Sucrose responsive transcription factor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 12 | DY475059 | Nuclear transport factor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 13 | DY475124 | Aquaporin | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 11 | 14 | DY475174 | Aquaporin membrane protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 1 | CV793607 | Flavonol glucosyl transferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 2 | CV793609 | Similar to elicitor-inducible receptor-like protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 3 | CV793590 | Protein translation factor homologue (translation initiation factor nps45) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 4 | CV793588 | Gamma-thionen type defensin/protease inhibitor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 5 | DY475176 | Chloroplast genome DNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 6 | DY475224 | Plastocyanin | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 7 | DY475285 | Photosystem I reaction centre subunit VI-2 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 8 | DY475294 | NADH-ubiquinone oxidoreductase (EC 1.6.5.3) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 9 | DY475305 | Thylakoid protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 10 | DY475345 | Photosystem I assembly protein ycf3 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 11 | DY475423 | ATP synthase (EC 3.6.1.34) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 12 | DY475434 | Proton pump interactor protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 13 | DY475201 | 60S ribosomal protein L34 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 12 | 14 | DY475258 | 40S ribosomal protein S11 | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 1 | DY475141 | Beta-galactosidase (EC 3.2.1.23) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 2 | DY475152 | Cytidine deaminase enzyme | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 3 | DY475302 | 4-alpha-glucanotransferase (EC 2.4.1.25) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 4 | DY475308 | Glutamate dehydrogenase (EC 1.4.1.3) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 5 | DY475321 | Mitochondrial glyoxylase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |

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| 1 | 4 | 13 | 6 | DY475548 | Cytosolic fructose 1,6-bisphosphatase (EC 3.1.3.11) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 7 | DY475393 | Cytochrome C biogenesis protein ccsA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 8 | DY475398 | Glutamine synthetase (glutamate ammonia ligase) (EC 6.3.1.2) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 9 | DY475408 | Xylosidase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 10 | DY475417 | Probable 3-hydroxyisobutyrate dehydrogenase (HIBADH) mitochondrial precursor (EC 1.1.1.31) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 11 | CV793597 | Pathogenesis-related protein 4A | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 12 | CV793599 | Protein containing leucine-zipper motif | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 13 | CV793601 | Leucine-zipper containing protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 13 | 14 | CV793605 | Multi-resistance protein ABC transporter S-adenosylmethionine synthetase enzyme (EC 2.5.1.6) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 1 | DY475190 | Endoxyloglucan transferase involved in water-stress | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 2 | DY475207 | Proline oxidase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 3 | DY475225 | Glutathione S-transferase (EC 2.5.1.18) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 4 | DY475250 | Homocysteine methyltransferase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 5 | DY475276 | Ubiquitin conjugating protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 6 | DY475328 | Superoxide dismutase copper chaperone precursor | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 7 | DY475397 | Heat shock protein | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 8 | DY475474 | Protein kinase mRNA | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 9 | DY475470 | Hypothetical protein with a membrane spanning ring-H2 finger domain | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 10 | DY475508 | Cysteine proteinase | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 11 | DY475066 | Glyceraldehyde 3-phosphate dehydrogenase (EC 1.2.1.12) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 12 | DY475096 | Fructose-1,6-bisphosphatase (EC 3.1.3.11) | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 13 | DY475543 | Cytochrome C oxidase subunit | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |
| 1 | 4 | 14 | 14 | DY475113 | | <i>Cicer arietinum</i> | cDNA clone | Experimental | NA |