

Supplementary Table VI - Classification of calcium-responsive down-regulated genes

<i>Transcription factors and DNA/RNA related proteins</i>	
AT5G59780	putative transcription factor (MYB59)
AT5G65210	bZIP transcription factor, TGA1
AT2G24260	bHLH transcription factor
AT1G55250	nuclear zinc finger protein
AT1G02780	60S ribosomal protein L19
AT5G59870	histone H2A, putative
<i>Signaling related genes</i>	
<i>kinases</i>	
AT4G16360	kinase like protein
<i>others</i>	
AT2G33830	auxin-regulated protein
AT3G51370	protein phosphatase 2C -related protein
AT5G13180	hypothetical protein SENU5 - senescence up-regulated
AT3G26740	light regulated protein
AT3G16460	jacalin-like lectin - similar to myrosinase binding protein - JA inducible
AT3G16420	jacalin-like lectin - similar to myrosinase binding protein - JA inducible
<i>Transporters</i>	
AT5G47560	sodium-dicarbonic-acid-transporter
AT5G43370	inorganic phosphate transporter (PHT2)
<i>aquaporins</i>	
AT3G61430	PIP1A - Aquaporin
AT3G53420	PIP2A - aquaporin
AT3G26520	GAMMA-TIP2 aquaporin
<i>Defense and PCD related genes</i>	
AT4G26090	disease resistance protein RPS2 (CC-NBS-LRR class), putative
AT4G11650	osmotin precursor
AT1G35720	Ca ²⁺ -dependent membrane-binding protein annexin
AT5G17820	peroxidase ATP13a
AT5G64100	peroxidase ATP3a
AT4G30170	peroxidase ATP8a
AT2G46750	FAD-linked oxidoreductase family
<i>Proteases</i>	
AT4G39090	cysteine proteinase RD19A,
AT5G43060	cysteine proteinase RD21A
AT1G73260	putative trypsin inhibitor
AT5G59090	subtilisin-like serine protease
<i>Cellular metabolism and others</i>	
AT5G43450	1-aminocyclopropane-1-carboxylate oxidase
AT5G23660	nodulin MtN3 family protein
AT4G34030	3-METHYLCROTONYL-COA CARBOXYLASE, MCCB
AT5G49360	glycosyl hydrolase family 3
AT5G44020	vegetative storage protein-related
AT1G11580	pectin methylesterase
AT1G66270	glycosyl hydrolase family 1, beta-glucosidase
AT4G16260	glycosyl hydrolase family 17 - glucan endo-1,3-beta-glucosidase

AT1G66200 glutamine synthetase
AT5G10300 alpha-hydroxynitrile lyase HNL4
AT3G04445 putative polyribonucleotide phosphorylase
AT4G14060 major latex protein (MLP)-related
AT4G37070 similar to patatin-like latex allergen
AT3G03470 cyp89a9 - cytochrome p450
AT1G54000 myrosinase-associated protein, putative
AT2G43150 putative extensin
AT3G49100 signal recognition particle subunit 9 - like
AT2G33790 putative proline-rich protein

Unknown -21 genes

AT1G15670 unknown protein
AT1G21310 unknown protein
AT1G24040 unknown protein
AT1G56220 unknown protein
AT1G62060 unknown protein
AT1G80440 unknown protein
AT2G03890 unknown protein
AT3G15950 unknown protein
AT3G22280 unknown protein
AT3G23190 unknown protein
AT3G27260 unknown protein
AT3G28550 unknown protein
AT3G49070 unknown protein
AT3G51730 unknown protein
AT3G52060 unknown protein
AT4G37900 unknown protein
AT5G26260 unknown protein
AT5G44610 unknown protein
AT5G50900 unknown protein
AT3G26510 octicosapeptide/Phox/Bem1p (PB1) domain-containing protein
AT4G35750 putative protein similar to E1B 19K Bcl-2-interacting protein Nip2, Homo sapiens