

Table S2. Amino acid sequences of TaPTF1, TaDHN, TaSRG, TaSC, TaPIMP1, TaMIP, TaHKT1;4, TaGSK, TaP5CS, and TaMYB genes

Gene name	Accession Number	Sequence
<i>TaPTF1</i>	ABI95371.1	MDYNSGFFPSWPGNSASENYSFVDGSVESYAEEGSMPPTGYFRARSNQNLTFDEHEQNPAMLANGCLPY NTQTDLLSGEILSEDKHSNSLMELPQLQNNGLSQSNLIIPPGLTQCTSTPGTFDLQLDTPGLLELPHALSS SIESNGSEVSAFLADVHAVSSASTLCSTFQNVPSYMEPVSLAEAFSFGQIQNAAMFNNTSHSNGNLSVFDE ATMASLHDSKEFLSGSISSEFGTAEQSQLAGSGLKAEQQEQNAMCNIPLPFASGSQMAVSEAQGAMIPSKI SSTMHNNKSEYPVPISHSADAQNKANSANGNSASAKPRARARRGQATDPHSIAERLRREKISERMKNLQD LVPNSNKADKSSMLDEIIDYVKFLQLQVKVLCMSRLGAPGAVLPLLAESQTEGRSNSPLSSPTASQGLLD AAGPEDSLVFEQEVIKLMETSITNAMQYLQNKGLCLMPIALASAINQKGTSAAIIPPER
<i>TaDHN</i>	CAY85463.1	MEHQGHGAGEKKGVVESITEKLPGGHGDHQQATGGTYGQQGHAGVTGENIKEKLPGGHGDHQQTTGMTGS ETHATTATTDGNYGKSGHTGTDGTGENKSIMDKIKDKLPGQH
<i>TaSRG</i>	ABG75754.1	MQGEVEQQTPMQMVLRVKHPSSLSSGSEEASEGEGSSRSALSVFKAKEEQIERKKMEVRDVKVFAQLGRVE EESKRLAFIRQELEGMA DPTKEVESIQRRIDTVNRQLKPLSKSCVKKEKEYKEILEAYNEKSKEKAILV NRLIELVSESERMRMKLEELNKTVDLSLY
<i>TaSC</i>	AAY26392.1	MENLAMLWGIIGPGVAGALFGAGWFWVDVAVCSAVQVSFIHYLPGIFASLAALMFNCV DKAIGNDYYS SYGDDSEWRVKLWLFAVYVVSFVCLAGSVGLLVQDALTDKGPSVMTGVAGVLQCVFVLISGLTYWTCHE D
<i>TaMIP</i>	ABF66147.1	MSVTSNTPTRANSRVNYSNEI HDLSTVQDGAPSLAPSMYYQEKSFADFFPHLGKKVISEMVATFLLV FV TCGAASIYGADVTRVSQLGQSVVGGLIVTVMYIATGHISGAHMNPVATLSFACFRHFPWIQVPFYWAAQF TGAMCAAFVLRVAVLHPITVLGTTPTGPHWHALVIEIIVTFNMMFITCAVATDSRAVGELAGLAVGSAVC ITSIFAGPVSGGSMNPARTLAPAVASGVYTG LWIYFLGPVIGT LSGAVVYTYIRFEEEPSVKDGPQKLSS FKLRRLQSQRSMVDEFDHY
<i>TaPIMP1</i>	ABV59990.1	MTAGLQLGVIGSLALSVASSVAIVICNKALISTLGFPPATTLTSHWLMVTYCTLHVAQR LHFFEPKAIDG HTVILFGFLNGTSIGLLNLSLGFNSIGFYQMTKLAIIPFTVLEITIFLNKRFSETIKLSLMVLLLGVGIA SVTDLELNLLGSVLSGLAIATTCVGQILTNITQKKLKVSSTQLLYQSAPYQAAILFATGPFVDRLLTNRS VFAHKYTPVVGFIILSCLIAVSVNFSTFLVIGTTSPTVYQVLGHLKTCVLVSFGYTL LHDFFT MKNILG ILVAIFGMALYSFFSVRESKKKSTNDALPVSQMPDKETEP LLATKDGS DIKKANGVSHGC
<i>TaHKT1;4</i>	CDN24623.1	YLPPTYTWFFFEESSGVKDHPTEETQGSRLKSTALSQLSYLAIFI I AICVTERENLEENPLNFSLLSIV VEVVRQAPSANQESLKTNNKYDCNLVLPALLVSFMEADIF
<i>TaGSK1</i>	AAM77397.1	MGNMSIRDDRPEDIVVNGNGTEPGHIIVTSIEGRNGQAKQTI SYMAERVVGN SGFTVFQAKCLETGET VAIKKVLQDKRYKNRELQTMRLVDHPNVVALKHCFFSKTEKEELYLNLVLEYVPETAHRVIKHYNMKNQR MPLIYAKLYMYQICRSLAYIHNSIGVCHRDIKPQNLLVNPHTHQLKLCDFGSAKVLVKGEPNISYICSRY YRAPELIFGATEYTTAIDVWSAGCVLAELLLGQPIFPGDSGVDQLVEIIKVLGTP TREEIKCMNP NYTEF KFPQIKAHPPWHKIFHKRMPAEAVDLVSRLQYSPSLRSTALEALIHPPFDEL RDPNTRLNGRFLPPLFN FKPHELKGVPM DILVKLIPEHARKNCA FVGW
<i>TaP5CS</i>	AIZ77473.1	MAGADLNRSFIKDVKRII IKVGTAVITRNDGRLALGRIGALCEQVKDLNAQGYEIVMTSGAVGVGRQRL RYRKLVNSSFADLQKPQMELDGKACA AVGQSGLMALYDMLFTQLDVS SSQLLVTDSDFDNSNFRERLRET VESLLELRVPIPIFNENDAISTRKAPYEDSSGIFWDNDSLAGLLALELKADLLVLLSDVDGLYSGPPSEPS SKLIHTYIKEKHYHEITFGDKSRVGRGGM TAKVQAAVWASTGGVPVVITSGCASQSLVKVL RGEKIGTLF HKNASLWEP SKDTSVREMAVAARDCSRRLQNL TSEERKKILVDVADALEANEDLIRSENEADLAAAHEAG YESALVSR LTLKPGKIASLAKSVRTL ANMEDPINEILK RTEVADGLVLEKTS CPLGVLLIIFESRPDALV QIASLAIRSGNGLLLKGGKEAMRSNAI LHKVITNAIPNNVGEKLI GLITTRDEIADLLKHDDVIDLVI PR GSNKLVAQIKSSTKI PVLGHADGVCHVYIDKSADMDMAKRIVMDAKIDYPACNAMETLLVHKDLMKTPE LNDILVALKTAGVNLYCGPVAHKVLGYPKADSLHLEYSSMACTVEIVDDVQSAIDHIHRYGSAHTDCVVT TDDKVAETFLRQVDSAAVLYNASTRFSDGARFGLGAEVGISTGRIHARGPVGVEGLLTT RWLLRGKGQV NGDKDVEYTHKSLPLQ
<i>TaMYB</i>	AAU06822.1	MMYHAKKFSVPFAPQRAQNSEHVS NIGAFGGSNISNPANPVGSGKQRLRWTS DLHSRFVDAI AQLGGPDR ATPKGVLTVMGVPGIT IYHVKSHLQYRLAKYI PESPAEGSKDEKKDSSDSFSNAD SAPGSQINEALKMQ MEVQKRLHEQLEVKQLQLRIEAQ GKYLQMIIEEQQLKGSLEGSEERKLSHSPPTLDDY PDSIQSPKK PRLDDLSTDAVRGVTQPGFESH LIGPWQDELCPKTNICDPAFQVDEFKANPGLSKS