

At3g22960, PK_p-α, 67% coverage

msqsiqfstpshtphllhphsqfnrplssisfrfrplttikytsira
sssspspdlldssssssqvlspngtgavksdersvavattdts
gievdtvteaekengfrstrrtklictigpatcgfeqlealavggmnvarl
nmchgtrdwhrgvirsvrrlneekgfavaimmdtegeihmgdlgg
easakaedgenvtftvrafdsrpertisvsydgfaedvrvgdellvd
ggmvrfeiekigpdkclctdpgllpranltfwrtdgslvrenampti
sskdwlididfgiaegvdfiavsvksaevinhksylaarsrggeigvia
kiesidsltnleeiilasdgamvargdlgaqipleqvpaqqrivqvra
lnkpivasqllesmieypttraevadvseavrqrdsalmlsgesa
mgqfpdkaltvrtvslrierwwrekrhesvplqaignsfsdkiseeic
nsaakmannlgvdavfvyttsghmaslvsrcrpdcpifattttsvrrrl
nlqwgliplrfsfddmesnlkntfslksrgmiksgdlviavsdmlqsi
qvmnvp

At5g52920, PK_p-β₁, 21 % coverage

maqvvatrsiqgsmispnggsvstrsekllkpasfavkvlgne
akrsgrvsvrrrvdttvrsarvetevipvspedvnpreeqlerlle
mqqfgdtsvgmwskpvrktkivctvgpstntremiwlkiaeagmn
varmnmshgdhashkkvidlvkeynaqtkdntiaimldtkgpevrs
gdllppimldpgqefttiergvstpscvsvnyddfndveagdmllv
dggmmsfmvsktkdsvkcevvdggelksrrhlnvrgksatpSITE
kdwedikfvenkvdfyavsvkdaqvhelkkylnsgadihvivki
esadsipnlhsiitasdgamvargdlgaelpieevpilqeeiinlcrsm
gkavivatnmlsmivhpttraevsdiaivregadavmlsgetah
gkfpkkaagvmhtvalrteatitsgempplgqafknhmsemfayh
atmmsntlgtstvvftrtgfmailshyrpsgtiyafnekkqqrlalyqg
vcpiymeftddaetfanalatllkqgmvkkggeeiaivqsqtqpiwrs
qsthniqvrkv

At1g32440, PK_p-β₂, 10% coverage

maaygqissgmtvdpqvlsssrnigvslsplrtligagrvtsti
slrqcslsvrsiki sedsrpkayaengafdvglvdsyyrladsrts
sndsrrktkivctigpssssremiwlkiaeagmnvarlnmshgdhas
hqitidlvkeynsfvdkaiaimldtkgpevrgdvpqpfleegqefnft
ikrgvslkdtvsvnyddfndvevgdillvdggmmslavksktsdlvk
cvvidggelqsrhlnvrgksatpSITEkdwedikfvdnqvdfyavs
fvkdakvhelknylktcsadisvivkiesadsiknlpsiisacdgamv
argdlgaelpieevpllqeeiirrcrsihkpvivatnmlsmihpttra
evsdiaivregadaimlsgetahgkfpkavnmhtvalrteaspv
rtsasrttaykghmgqmfaahasimantlssplivftrtgsmavllshyr
psatifaftnqrimqrlalyqgvmpiyamefsddaedyarsikllqden
mkegqhvltlvqsgsqpiwreesthliqvrkikigg

Supplemental Figure 2. Protein sequences, predicted transit peptides, and proteomics coverage of PK_p-α, PK_p-β₁, and PK_p-β₂. Gene Loci, encoded subunit, and percent coverage by proteomics are listed. ChloroP predicted chloroplast transit peptides are in bold. Peptide fragments identified by proteomics are highlighted in gray.