FIG. 1

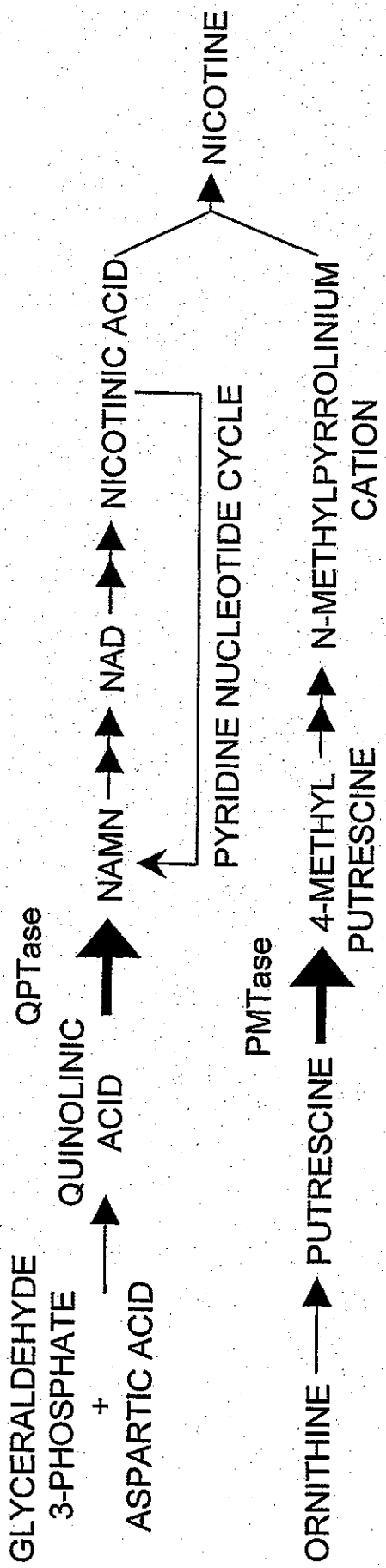

GLYCERALDEHYDE
3-PHOSPHATE
+
ASPARTIC ACID
QUINOLINIC
ACID
QPTase
NAMN
NAD
NICOTINIC ACID
NICOTINE
PYRIDINE NUCLEOTIDE CYCLE
ORNITHINE
PUTRESCINE
PMTase
4-METHYL
PUTRESCINE
N-METHYLPYRROLINIUM
CATION

FIG. 2

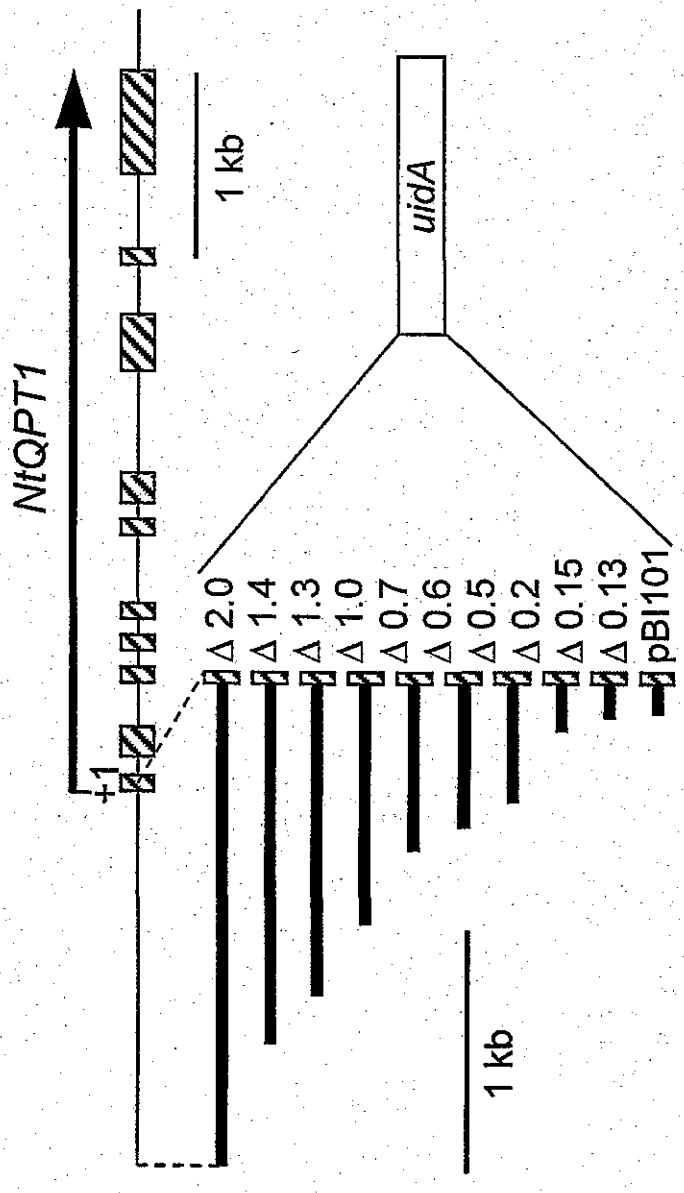
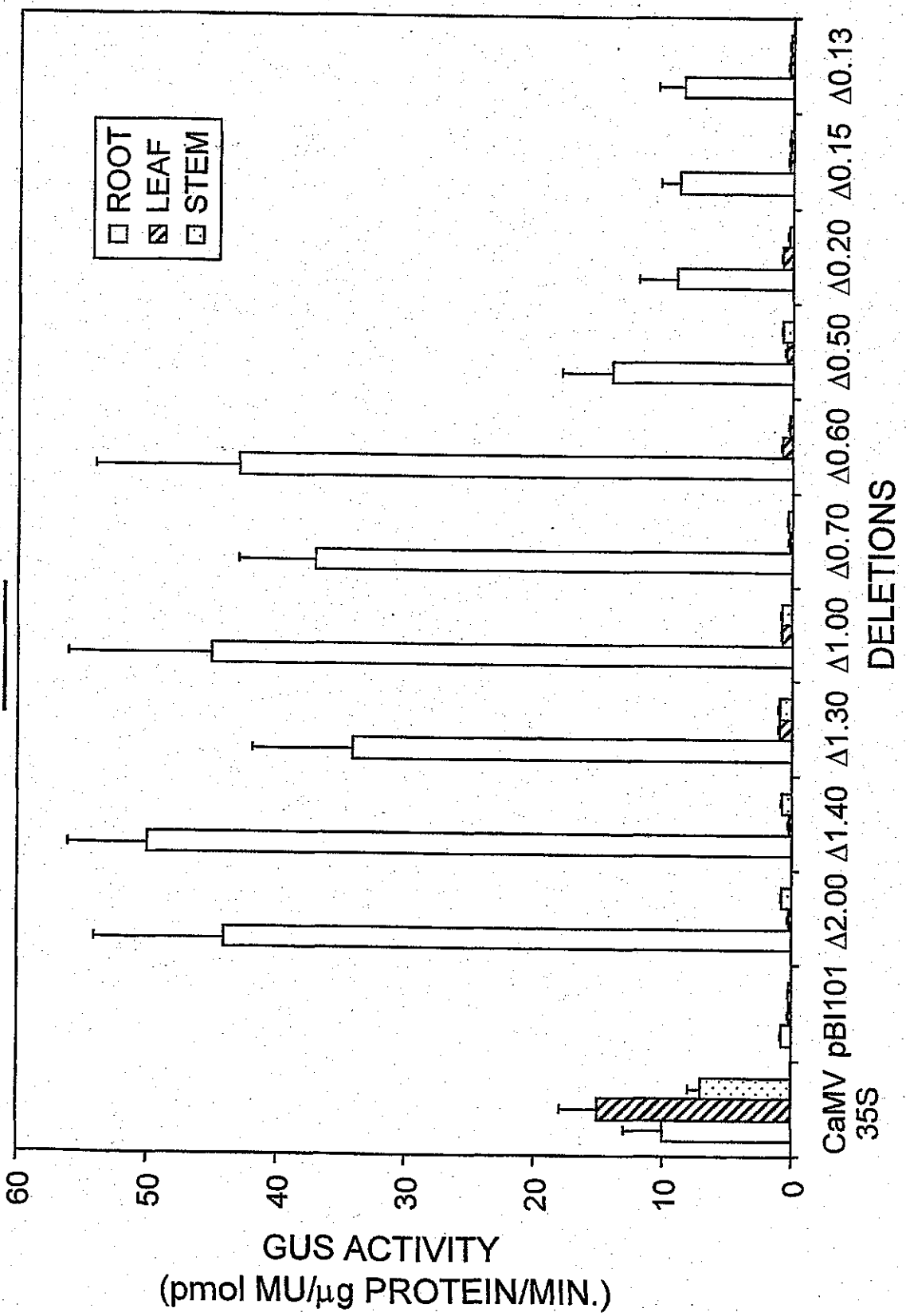

NtQPT1
+1
1 kb
uidA
Δ 2.0
Δ 1.4
Δ 1.3
Δ 1.0
Δ 0.7
Δ 0.6
Δ 0.5
Δ 0.2
Δ 0.15
Δ 0.13
pBI101
1 kb

FIG. 3


ROOT
LEAF
STEM
60
50
40
30
20
10
0
GUS ACTIVITY
(pmol MU/µg PROTEIN/MIN.)
CaMV 35S
pBI101
Δ2.00
Δ1.40
Δ1.30
Δ1.00
Δ0.70
Δ0.60
Δ0.50
Δ0.20
Δ0.15
Δ0.13
DELETIONS