Modulation of higher-plant NAD(H)-dependent glutamate dehydrogenase activity in transgenic tobacco via alteration of beta subunit levels

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Unfortunately on page 172, under the heading *GDH isoenzyme profile, α : β subunit ratio and sub-cellular localisation of GDH protein in T_2 transformants*, the first paragraph, was published with errors. The correct paragraph is given here:

The GDH isoenzyme profile was examined in A63-H and in each of the three over-expressing lines (Fig. 3a). In roots of the corresponding NS lines, activity staining revealed that the isoenzyme profile was skewed cathodically, suggesting a predominance of β -subunits. In A63-H roots, there was a slight anodic shift in the isoenzyme profile, suggesting that the amount of β -subunit may have been reduced. In roots of the over-expressing lines the profile was unexpectedly skewed anodically, with a large increase in the

amount of the most anodic isoenzyme. When GDH extracts from leaves of WT tomato and over-expressing line S77-H were co-electrophoresed, the most cathodic tomato isoenzyme (i.e., isoenzyme 1) co-migrated with the most anodic isoenzyme of S77-H (Fig. 3b). This indicates that tomato GDH isoenzyme 1 migrates faster than tobacco GDH isoenzyme 1, and that in S77-H tissues the predominant and most anodic isoenzyme is in fact a homohexamer of tomato β -subunits.

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