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CORRECTION

Correction to: Characterization of cultivar differences in β-1,3 glucanase gene expression, glucanase activity and fruit pulp softening rates during fruit ripening in three naturally occurring banana cultivars

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In Figure 3 of the original publication, the gel image for MA-actin (Rasthali) in figure part (a) was accidentally re-used in part (b) for cultivar Kanthali.

The figure below shows the corrected Fig. 3 with the original gel for MA-actin (Kanthali).

The original article can be found online at https://doi.org/10.1007/s00299-009-0764-5.

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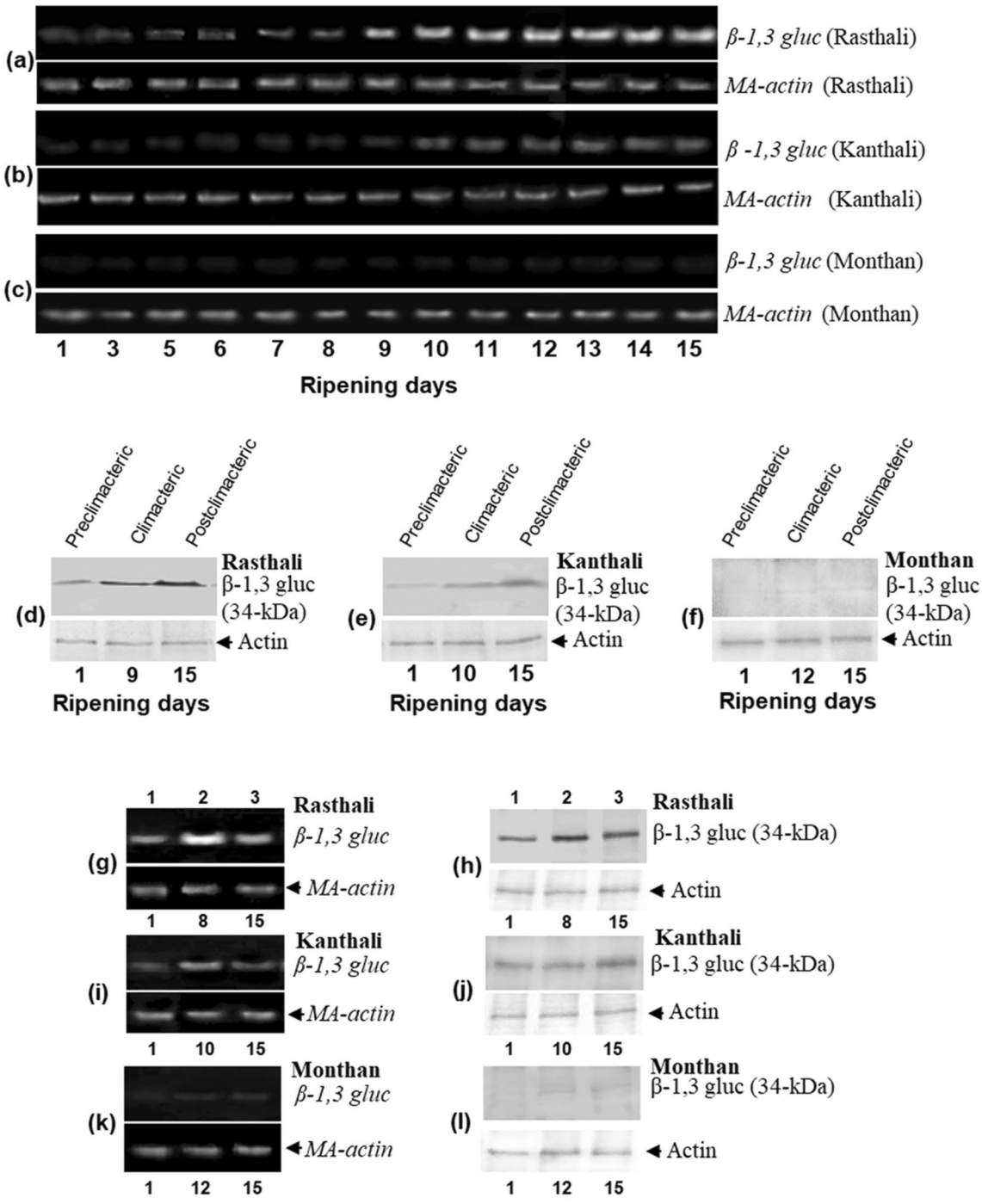
(a)
β-1,3 gluc (Rasthali)
MA-actin (Rasthali)
(b)
β -1,3 gluc (Kanthali)
MA-actin (Kanthali)
(c)
β-1,3 gluc (Monthan)
MA-actin (Monthan)
1 3 5 6 7 8 9 10 11 12 13 14 15
Ripening days
Preclimacteric
Climacteric
Postclimacteric
(d)
Rasthali
β-1,3 gluc
(34-kDa)
Actin
1 9 15
Ripening days
(e)
Kanthali
β-1,3 gluc
(34-kDa)
Actin
1 10 15
Ripening days
(f)
Monthan
β-1,3 gluc
(34-kDa)
Actin
1 12 15
Ripening days
1 2 3
(g)
Rasthali
β-1,3 gluc
MA-actin
1 8 15
(h)
Rasthali
β-1,3 gluc (34-kDa)
Actin
1 8 15
(i)
Kanthali
β-1,3 gluc
MA-actin
1 10 15
(j)
Kanthali
β-1,3 gluc (34-kDa)
Actin
1 10 15
(k)
Monthan
β-1,3 gluc
MA-actin
1 12 15
(l)
Monthan
β-1,3 gluc (34-kDa)
Actin
1 12 15
Days post ethylene treatment

◂**Fig. 3** Changes in β-1,3 glucanase mRNA abundance level during ripening in three different cultivars [Rasthali (R), Kanthali (K), and Monthan (M)] of banana ripened naturally at 25°C (upper panel; **a**, **c**, **e**). Transcript accumulation level of β-1,3 glucanase was analyzed by RT-PCR with gene-specific primers. ~ 5 µg total RNA was taken from each cultivar and from each stage for RT-PCR analysis and then equal amount of amplified product was used for analysis. Representative gel images from at least three independent experiments are shown in **a**–**c**. Transcript profile of MA-actin was used as internal control (lower panel; **a**–**c**). Protein gel blot analysis with total protein extracts prepared from the respective preclimacteric, climacteric, and postclimacteric stages of ripening from three different cultivars of banana and immunodetection of β-1,3 glucanase protein by using β-1,3 glucanase antibody (upper panel; **d**–**f**). Molecular weight of the immunoreactive band is indicated. Steady state protein level of Actin at the indicated conditions was measured by immunoblot as internal control (lower panel; **d**–**f**). RT-PCR analysis of the β-1,3 glucanase expression pattern during the various stages of ripening in three cultivars [Rasthali (C), Kanthali (K), and Monthan (M)] following ethylene treatment (upper panel; **g**, **i**, **k**). Steady state mRNA level of MA-actin at the indicated conditions was measured by RT-PCR as internal control (lower panel, **g**, **I**, **k**). Immunoblot analysis with total protein extracts prepared from different stages of ripening following ethylene treatment from three different cultivars of banana and immunodetection of β-1,3 glucanase protein by using β-1,3 glucanase antibody (upper panel, **h**, **j**, **l**). Steady state protein level of Actin at the indicated conditions was measured by immunoblot as internal control (lower panel, **h**, **j**, **l**)