



Figure 34. Histochemical assay to detect GUS activity in rice embryogenic callus (**A**) that were transformed with construct pITB228. No expression of GUS was observed in untransformed callus (**B**) and high level of GUS expression in callus that was transformed with pITB228 (**C**-left) and pITB342 (**C**-right) construct. GUS expression in leaves transformed with pITB228 (**D**-Left; **E**-left and right; **F**-left), pCAMBIA1301 (**D**-middle, **E**-right) and pITB342 (**F**-right). There was no GUS expression in the leaves of wild type plants (**D**-right; **F**-middle). Strong expression was observed in the roots that were transformed with construct pITB228 (**G**) while absent in roots that were transformed with pITB342 construct (**H**)