

PTC Taste Sensitivity and Red Green Colourblindness in Three Endogamous Populations of Andhra Pradesh

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ABSTRACT The ability to taste Phenylthiocarbamide (PTC) and the incidence of colourblindness were investigated in three endogamous caste population namely Arya Vysya, Kalinga Vysya and Thrivamika of Visakhapatnam, Vizianagaram and Srikakulam districts of Coastal Andhra Pradesh. The non-taster allele 't' is lower in Kalinga Vysya compared to the other two populations. The percentage frequency of red green colourblindness in males is in the decreasing order (Kalinga Vysya > Arya Vysya > Thrivarnika). Interestingly in Kalinga Vysya two females were also found to be colourblind.