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Frontiers Media SA, Switzerland

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RECEIVED 11 February 2024
ACCEPTED 12 February 2024
PUBLISHED 12 March 2024

CITATION
Sequeira JJ, Vinuthalakshmi K, Das R,
van Driem G and Mustak MS (2024),
Corrigendum: The maternal U1 haplogroup in the Koraga tribe as a correlate of their North Dravidian linguistic affinity.
Front. Genet. 15:1384937.
doi: 10.3389/fgene.2024.1384937

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Corrigendum: The maternal U1 haplogroup in the Koraga tribe as a correlate of their North Dravidian linguistic affinity

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KEYWORDS

mtDNA, North Dravidian, Koraga tribe, Indus civilisation, tribes of India, Caucasus, last glacial maximum

A Corrigendum on The maternal U1 haplogroup in the Koraga tribe as a correlate of their North Dravidian linguistic affinity

by Sequeira JJ, Vinuthalakshmi K, Das R, van Driem G and Mustak MS (2024). *Front. Genet.* 14: 1303628. doi: 10.3389/fgene.2023.1303628

In the published article, there was an error in the legend for **Figure 4** as published. The following part was incorrect: “SINB, Sindhi-Baloci; IRA, Iran; BK, Betta Kuruba; VED, Vedda; CAU, Caucasus; UK, Urali Kuruman; MK, Malekudiya; KER, Kerala; JK, Jenu Kuruba.” The corrected legend appears below.

“FIGURE 4 | Pairwise F_{st} variation in the Koraga tribe and other populations spread along areas of U1 haplogroup prevalence. MN, Munda; NWI, North West Indian; AED, Dubai; UAE, United Arab Emirates; YEM, Yemen; MLD, Maldives; NP, North Pakistan; SINB, Sindhi-Baloci; IRA, Iran; BK, Bēṭṭu Kuṟumba; VED, Vedda; CAU, Caucasus; UK, Ūṛāḷi Kuruman; MK, Malekudiya; KER, Kerala; JK, Jēnu Kurumba.”

In the published article, there was an error. “Sindhi-Balochi” should be “Sindhi-Baloci” and “Betta Kurumba” should be: Bēṭṭu Kuṟumba.”

A correction has been made to **Results**, 3.2 *Koraga in comparison with West Asian, Caucasian and South Indian tribes*, Paragraph number 1. This sentence previously stated:

“Two populations, namely, the Betta Kurumba (BK, cf. **Zvelebil, 1982**) and the Sindhi-Baloci (SINB), stand out with their higher genetic distances. Interestingly, the Nei’s distance between the Koraga and the Sindhi-Baloci, a northwestern population, is less than between the Koraga and the South Indian Betta Kurumba tribe. Similarly, the F_{st} value between the Koraga and Caucasian populations is 0.01 (**Figure 4**), which is much less than between the Koraga and the Bēṭṭu Kuṟumba (0.36), suggesting that the Koraga exhibit a greater maternal affinity with populations of the Caucasus and West Asia than with Indian tribes rich in the M2 haplogroup.”

The corrected sentence appears below:

“Two populations, namely, the Bēṭṭu Kuṟumba (BK, cf. **Zvelebil, 1982**) and the Sindhi-Baloci (SINB), stand out with their higher genetic distances. Interestingly, the Nei’s distance

between the Koraga and the Sindhī-Balocī, a northwestern population, is less than between the Koraga and the South Indian Bēṭṭu Kuṛumba tribe. Similarly, the F_{st} value between the Koraga and Caucasian populations is 0.01 (Figure 4), which is much less than between the Koraga and the Bēṭṭu Kuṛumba (0.36), suggesting that the Koraga exhibit a greater maternal affinity with populations of the Caucasus and West Asia than with Indian tribes rich in the M2 haplogroup.”

A correction has been made to **References**. This sentence previously stated:

“Zvelebil, K. V. (1982). Bēṭṭukurumba: first report on a tribal language. *J. Am. Orient Soc.* 102, 523. doi:10.2307/602307.”

The corrected sentence appears below:

“Zvelebil, K. V. (1982). Bēṭṭu Kuṛumba: first report on a tribal language. *J. Am. Orient Soc.* 102, 523. doi:10.2307/602307.”

In the published article, there was an error. “South-India” should be “South India.”

A correction has been made to **Results**, 3.3 *Divergence time estimate for U1 haplogroup in the Koraga tribe*, Paragraph number 1. This sentence previously stated:

“These assumptions are based on the spatial distribution of U1 haplogroup (Figure 1) and the divergence time gradient observed in U1 clades from the Caucasus to South-India. The TMRCA measured in our study is consistent with earlier results (Supplementary Table S2).”

The corrected sentence appears below:

“These assumptions are based on the spatial distribution of U1 haplogroup (Figure 1) and the divergence time gradient observed in U1 clades from the Caucasus to South India. The TMRCA measured in our study is consistent with earlier results (Supplementary Table S2).”

In the published article, there was an error. “Jēnu Kurumba” should be “Jēnu Kurumba.”

A correction has been made to **Results**, 3.2 *Koraga in comparison with West Asian, Caucasian and South Indian tribes*, Paragraph number 2. This sentence previously stated:

“The Koraga formed a separate cluster, closer to the northwestern populations. The only other southern population closer were the Jēnu Kurumba.”

The corrected sentence appears below:

“The Koraga formed a separate cluster, closer to the northwestern populations. The only other southern population closer were the Jēnu Kuṛumba.”

A correction has been made to **Results**, 3.2 *Koraga in comparison with West Asian, Caucasian and South Indian tribes*, Paragraph number 3. This sentence previously stated:

“Although haplogroup U1 is responsible for this contrast, the contribution of M3 in both the Koraga and Jēnu Kurumba (a.k.a. Kāṭṭu Nāyakkar, Kaṭṭunāyakan, cf. Zvelebil, 1988) should not be ignored, as this haplogroup is widely present in northwestern

populations carrying the Ancestral North Indian component (Reich et al., 2009).”

The corrected sentence appears below:

“Although haplogroup U1 is responsible for this contrast, the contribution of M3 in both the Koraga and Jēnu Kuṛumba (a.k.a. Kāṭṭu Nāyakkar, Kaṭṭunāyakan, cf. Zvelebil, 1988) should not be ignored, as this haplogroup is widely present in northwestern populations carrying the Ancestral North Indian component (Reich et al., 2009).”

A correction has been made to **Discussion**, Paragraph number 4. This sentence previously stated:

“More salient is the exceedingly high frequency of Y-chromosomal haplogroup H1 (M82) in the Koraga (Anthropological Survey of India, 2021c), a paternal lineage also found in high frequency in Gōṇḍ tribes (Sharma, 2009), in the Kāṭkarī and Jēnu Kuṛumba and other population groups categorised as untouchable or of low status (Anthropological Survey of India, 2021c).”

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In the published article, there was an error. “Jēnu Kurumba: brief report on a “tribal” language of the Nilgiri area” should be “Jēnu Kuṛumba: Brief report on a “tribal” language of the Nilgiri area.”

A correction has been made to **References**. This sentence previously stated:

“Zvelebil, K. V. (1988). Jēnu Kurumba: brief report on a “tribal” language of the Nilgiri area. *J. Am. Orient Soc.* 108, 297. doi:10.2307/603656.”

The corrected sentence appears below:

“Zvelebil, K. V. (1988). Jēnu Kuṛumba: Brief report on a “tribal” language of the Nilgiri area. *J. Am. Orient Soc.* 108, 297. doi:10.2307/603656.”

The authors state that the modifications made do not change the scientific conclusions of the article in any way. The original article has been updated.

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