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Correction: Telomere and subtelomere high polymorphism might contribute to the specifcity of homologous recognition and pairing during meiosis in barley in the context of breeding

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Following publication of the original article [1], it was reported that Table 1 was missing grey highlighting and underlining in the text as described in the table caption. Table 1 has been correctly reproduced in this Correction article, and the original article has been updated.

The online version of the original article can be found at https://doi.org/10.1186/s12864-023-09738-y.

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1H-S GTTCCCGCTTCGATCCAAACATTTCGAGAACCAG GGGTCCGGTTATGTGGAACTCGTCAAAACACGCA GTTTTGGCCTATTCCGGCGAGTTTAGTAAGGTACT ACTCACTGATTTTGGTTGCCCCTATGATTCGACGT TTTGGGAACCCCGAGGTCCGATTACGGGGAACTC GTCAAAA	**1H-L** GACCCAAAATCAGTTACTAATAGCATACAAAACTGTCCATAATAGGC CAAAACTACGAGTTTTGACGAGTTCCCCCTAACCGAACCCTGGGGTT TCTGAAACGTTCGGATCGCATCACGACCCAAAATAAGTGACTAATAG CATACAGAACTGGCCGGAATAGGCCAAAACTGCGAGTTT
2H-S AAAACTGGCCGGAATAGGCCAAAACTGCGAGTTT TCATGATTTCCCCTTCACCGGACCCCGTGGTTCCG AAAACGTTCGGATGGCTTTGGGACCCAAAATCGA TGACTATAGCATACAAAACTGGCCGGGATAGGCC AAAACTGCGAGTTTTCACGAGTTCCCGTAACTGG ACCC	**2H-L** CAAAACTAGGGTAGCATGTGTATTTTATA<u>TTTAGGGGTTAGGGGTTT TAGGGTTTAGGTTTAGGGTTTAGGGTTTAGGGTTGGGGGTTTTTAGG GTTTAGGGTTTAGGGTTTAGGGGTTAGGGGTTAGG</u>*(TelomericRepeats)*$_{497}$<u>TTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGTTTAGGGTTTAG GGTTTAGGGGTTAGGGTTTAGGGTTTAGGGTTAGGGTTAGGGTTTAG GGTTTGGA</u>
3H-S GGACCCAAAATCAATAAGAAATAGCATATAAAA CTAGTGAGAATAGGCCAAAATGCGAGTTTTAACG AGTTTCCCCGTAACCGGACCCCGAGGTTCCCGAA ATGTTCGATCACAGCGACACAAAATCAGTGAGTA ATAGCATACAAAACTGGCTGGAATAGGCAAAACT GTGA	**3H-L** CTTATTCTGTAATTGCTAGTGTGCATTT<u>TTTAGGGGTTTAGGGTTTAG GGTTTTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGGG TTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGG</u>*(TelomericRepeats)*$_{1919}$<u>TTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGGTTTAGGTTTAG GGTTTTAGGGTTTAGGGTTTAGGGTTTTAGGGGTTTAGGGTTTAGGG TTAGGGTTT</u>
4H-S AATAGTTCGGATCGCAGCGGGAACCAAAATCAGT GAGTAATAGCATACAAAAGGGCAAGAATAGACC AAAACTGCGAGATTTGACGAGTTCCGCGTAATCG GACCCCGGGTTCCCAAATAGTTCGGATCGCAGCG TGAACCAAAATCAGTGACTAATAGCTTCAAAACT CGCC	**4H-L** GAACCCTGTGCACGACTATCGAGATGTCGCAAGAAATCAGTGTATTT GTCGTTTGGGCCACTTTCGTGGGCTATAGTGCACTGTTTTTGTGGTCT TGTGTCGTTTTTGAAGCTCCATGAACCCTTTGCACGACTATCGAGAC GTAAAAAAACTCGTTGTTTTTATCGTTTCG
5H-S CGGCAACCAAAAGCAGTGAGTAATAGCATACAA AACTGGCCAAATAGGCCAAACTGCGAGTTTTCAT GAGTTCCACGTAATCGGACCCCGGGGTTCCCAAA ACGTTCGACAACAGCGGGACCCAAAATCAGTGA GTGATAGCATACGAAACTGGCCACAATAGACCAA AAGT	**5H-L** ACTACTTGGTCCACTCCACCCGTTTC<u>TTTAGGGTTTAGGGGTTTCGGG TTTTGTTTTGAGGGTTTTCGGGTTTTGTGTAGGGTTTAGGGTTAGGGG TTTGGGGTTTGGGGTTTGGGGTTAGGGGTTAGG</u>*(TelomericRepeats)*$_{722}$<u>T TTAGGGTTTAGGGTTGTAGGGTTTAGGGTTTAGGGTTTAGGGTTTTG GGTTTGGGTTTAGGGTTTAGGGGGTGTAGGGTTTAGGGGGTGAGGGT TTAGGGTTT</u>
6H-S GCGGGACCCAAAATCAGTGAGTAATAGCATACA AAACTGGTCGGAATAGGCCAAAACTGTGAGTTTT CACGATTTCCCCTTAACCGGGCCCGGGGGTTCCC GAAACGTCGGATCGCAACGGGAACCAAAATCAA TGAGTAATAGCATATAAAACTGGCCGGAATAGGA CAAAAA	**6H-L** TACTTCTGGTTGCCGCTGCGATCCAAACGTTTCGGGAACCTCGGGTC CGGTTACGGGGAACTCGTCGAAACTCACAATTTTGGTCTATTTGCCG GTTTTGTATGCTATTACTCACTGATTTTGGGTCCCGCTGTCATCCGCA CGTTTCGGGAACCCCGGGGTCCGATTAG
7H-S CGGGATCCAAAATCACTAAGCAACAGCATATAGA ACGAGCCAGAATAGGCCAAAACTGCGAGTTTTGA CGAGTTCCTCGTAACCGGACCCCGAGGTTCCGGA AATATTCGGATCACAGCGGGACGAAAAATCAGTG ACTAATAGCATACAAAACTGTCCGAAATAGGCCA AATCT	**7H-L** CCAGGAACGTTCGGTTCGCAGCACGACCCAAAATCAGTGACTAATA GCGTACAAAACTGGCCGGAATAGGCCAAAACTGCGACTTTTCACGA GTTCCGCGTAACCGGACCCCGGGGTTCCCGAAACGTTCGGATCGTAG CAGGAACGAAAATCAGTGACAAATAGCGTACAAAA

Table 1 Sequences of barley (*Hordeum vulgare*) chromosome ends. All 14 chromosomes ends are displayed, including both short and long arms of chromosomes. All sequences are presented on the direction of the sequencing, from the end of the short chromosome arm to the end of the long chromosome arm. Chromosome arms that present telomeric repeats are highlighted in grey. The telomeric sequence of 2 H-L, 3 H-L and 5 H-L chromosome arms is underlined. Sequences were obtained by ENA from EBI (RefSeq MorexV3)

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References

1. Serrano-León IM, Prieto P, Aguilar M. Telomere and subtelomere high polymorphism might contribute to the specificity of homologous recognition and pairing during meiosis in barley in the context of breeding. BMC Genomics. 2023;24:642. https://doi.org/10.1186/s12864-023-09738-y.

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