Abstract Title (Times New Roman, 14pt, bold, centered)

Author 1, Co-Author 2 (Times New Roman, 12pt, presenting author underlined)

1 Department1, Institution1, Address, City1, Country1 (Times New Roman, 10pt, italic).

2 Department2, Institution2, Address, City2, Country2 (email only for the presenting author)

The field of plant non-coding RNAs (ncRNAs) has seen significant advancements in recent years, with many ncRNAs recognized as important regulators of gene expression during plant development and stress responses. Moreover, the coding potential of these ncRNAs, giving rise to ncRNA-encoded peptides (ncPEPs), has emerged as an essential area of study. However, existing plant ncRNA databases lack comprehensive information on ncRNA-encoded peptides (ncPEPs) and cell type-specific interactions. To address this gap, we present ncPlantDB (https://bis.zju.edu.cn/ncPlantDB), a comprehensive database integrating ncRNA and ncPEP data across 43 plant species. ncPlantDB encompasses 353 140 ncRNAs, 3799 ncPEPs and 4 647 071 interactions, sourced from established databases and literature mining. （Times New Roman, 12pt, single line spacing）

**Keywords:** ncRNA, ncPEP, interaction, coding-potential, network

**References:**

[1] A.B. Smith, C.D. Brown (Year). Journal, Vol, Initial page.(Times New Roman 10pt, single line spacing.)

(References should be indicated as consecutive numbers placed in square brackets, e.g. [1] and [2,3], etc., and referenced as in the example below.)

**Graph Abstract** (optional）

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