



## Supplementary Material: Legacy of Rice Roots as Encoded in Distinctive Microsites of Oxides, Silicates, and Organic Matter

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Figure S1: Original NanoSIMS images, exemplified by transect 2.



Figure S2: Original NanoSIMS images, exemplified by transect 3.

![](_page_3_Figure_1.jpeg)

**Figure S3**: Scatter plots, showing the relation between <sup>56</sup>Fe<sup>16</sup>O<sup>-</sup>/<sup>16</sup>O<sup>-</sup>, <sup>27</sup>Al<sup>16</sup>O<sup>-</sup>/<sup>16</sup>O<sup>-</sup>, <sup>28</sup>Si<sup>-</sup>/<sup>16</sup>O<sup>-</sup> and <sup>12</sup>C<sup>14</sup>N<sup>-</sup>/<sup>12</sup>C<sup>-</sup> for each pixel of all three transects, differentiated between -15–0  $\mu$ m, 0-10  $\mu$ m and 10-40  $\mu$ m distance from the root surface. Grey: transect 1; blue: transect 2; red: transect 3.

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![](_page_3_Figure_4.jpeg)

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