

Evaluating the breeding potential of cultivated lentils for protein and amino acid concentration and quality

unpublished

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Contents

Contents	3
AGILE	3
Collaborators	5
Supplemental Table 1	5
Figures	5
Figure 1	5
Figure 2	6
Figure 3	7
Figure 4	8
Figure 5	9
Supplemental Figures	13
Supplemental Figure 1	13
Supplemental Figure 2	13
Supplemental Figure 3	14
Supplemental Figure 4	15
Supplemental Figure 5	16
Additional Figures	20
Additional Figure 1	20
Additional Figure 2	20
Additional Figure 3	21
Additional Figure 4	22

Additional Figure 5	22
Additional Figure 6	23
Additional Figure 7	24

Derek Wright, Jiayi Hang, James D House & Kirstin E Bett (2020) **Lentil Protein.** *unpublished*
which is follow-up to:

- Jiayi Hang, Da Shi, Jason Neufeld, Kirstin E. Bett & James D. House. **Prediction of protein and amino acid concentration in whole and ground lentils using near-infrared reflectance spectroscopy.** *LWT.* (2022) 165: 113669. doi.org/10.1016/j.lwt.2022.113669

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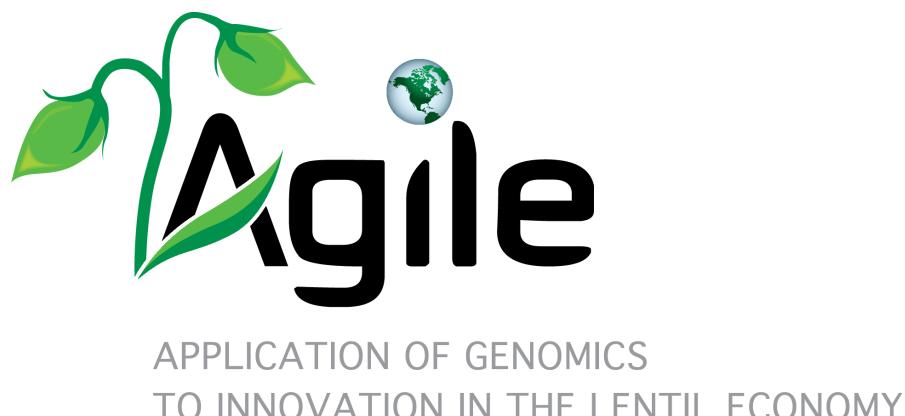
- Derek M. Wright, Sandesh Neupane, Taryn Heidecker, Teketel A. Haile, Crystal Chan, Clarice J. Coyne, Rebecca J. McGee, Sripada Udupa, Fatima Henkrar, Eleonora Barilli, Diego Rubiales, Tania Gioia, Giuseppina Logozzo, Stefania Marzario, Reena Mehra, Ashutosh Sarker, Rajeev Dhakal, Babul Anwar, Debashish Sarker, Albert Vandenberg & Kirstin E. Bett. **Understanding photothermal interactions can help expand production range and increase genetic diversity of lentil (*Lens culinaris* Medik.).** *Plants, People, Planet.* (2020) 3(2): 171-181. doi.org/10.1002/ppp3.10158

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- https://github.com/derekmichaelwright/AGILE_LDP_Protein
 - View as pdf
 - View as HTML
 - Source Code Vignette (LDP_Protein_Vignette.html)

Contents

- Figures
- Supplemental Figures
- Additional Figures

AGILE





EVOLVES | *Enhancing the Value Of Lentil
Variation for Ecosystem Survival*

Collaborators

- Department of Plant Sciences and Crop Development Centre, University of Saskatchewan, Saskatoon, Saskatchewan, Canada
- Department of Food and Human Nutritional Sciences, Faculty of Agriculture and Food Science, University of Manitoba, Winnipeg, MB, Canada

Supplemental Table 1

Supplemental_table_01.csv

Figures

Figure 1

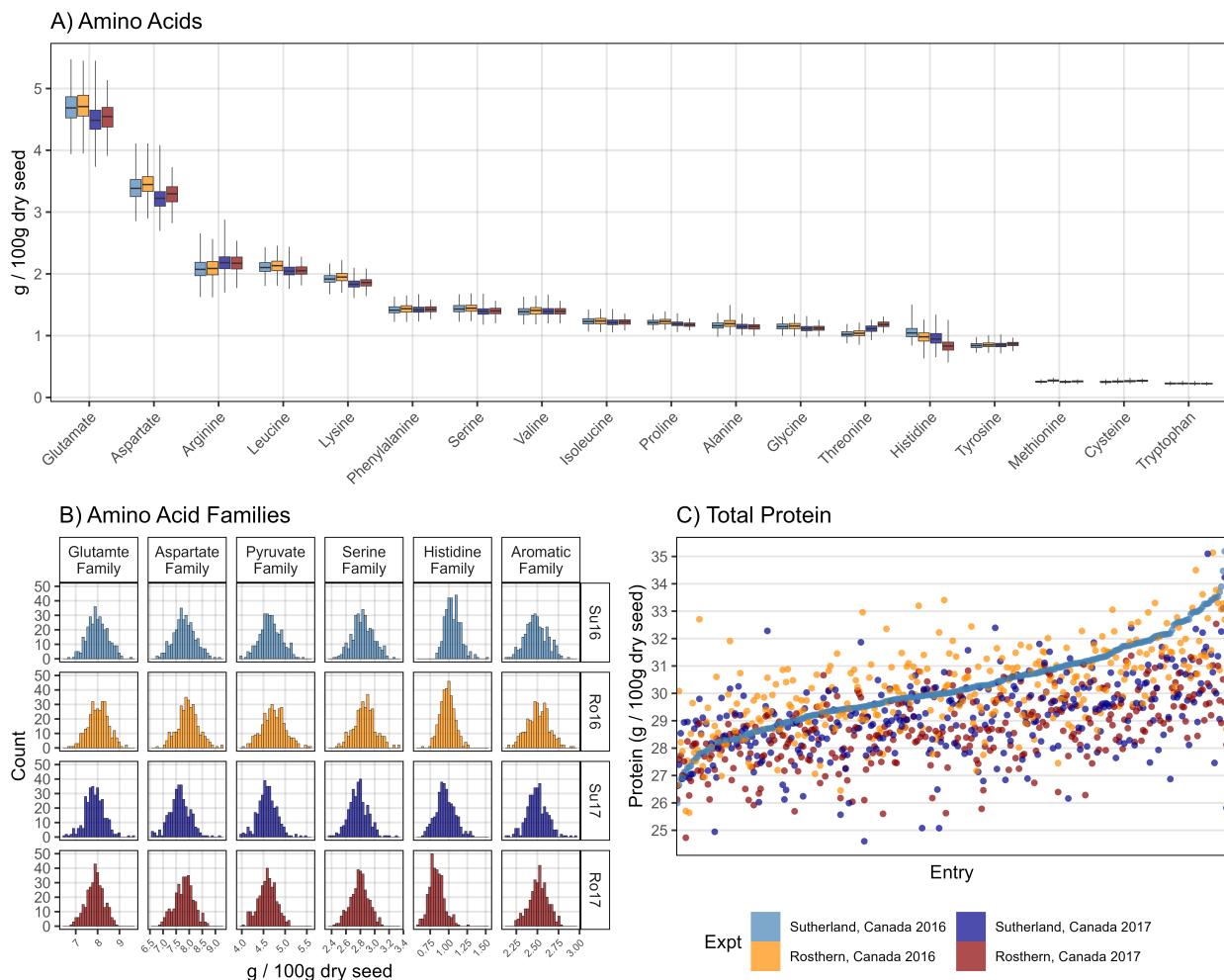


Figure 2

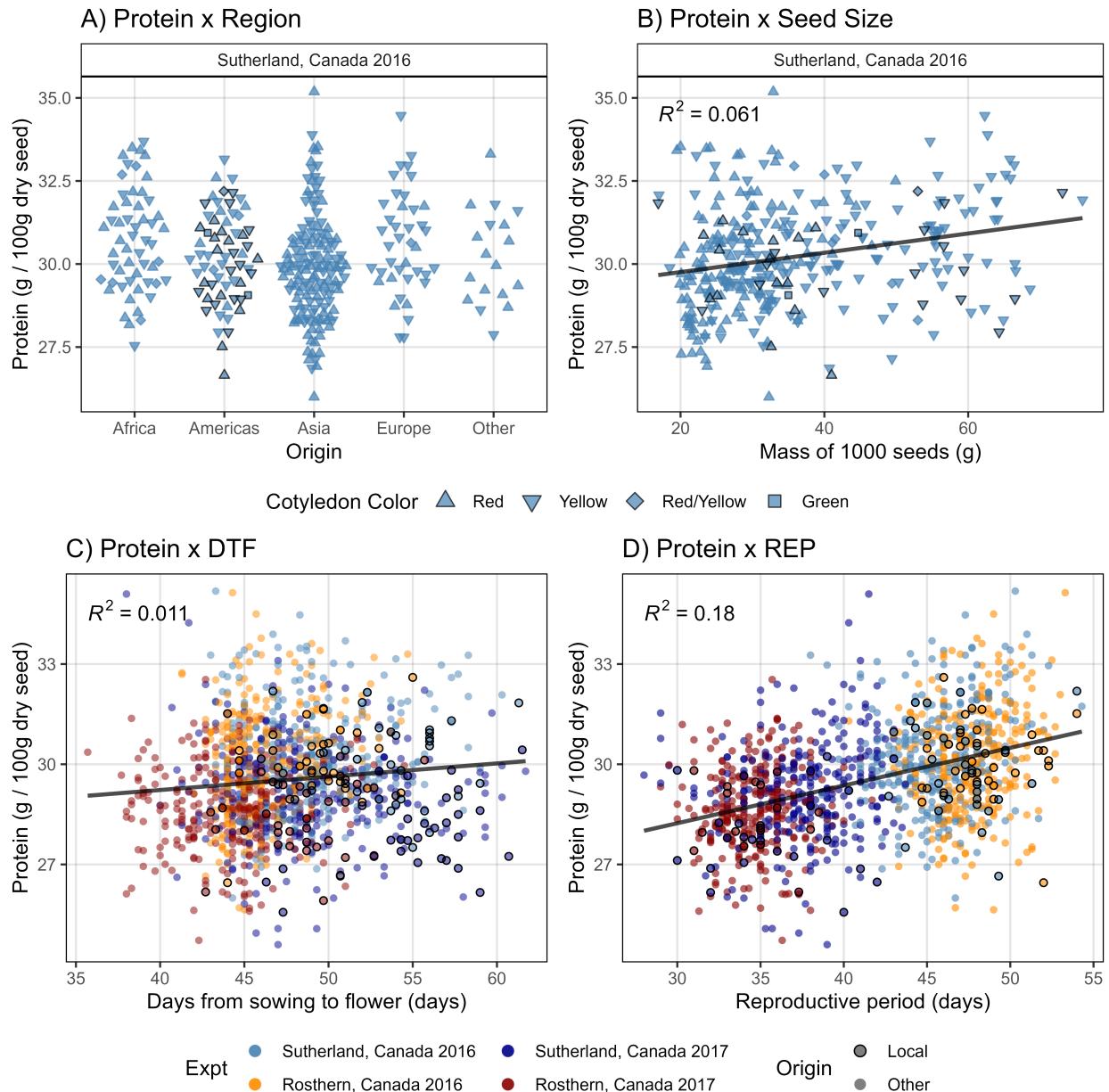


Figure 3

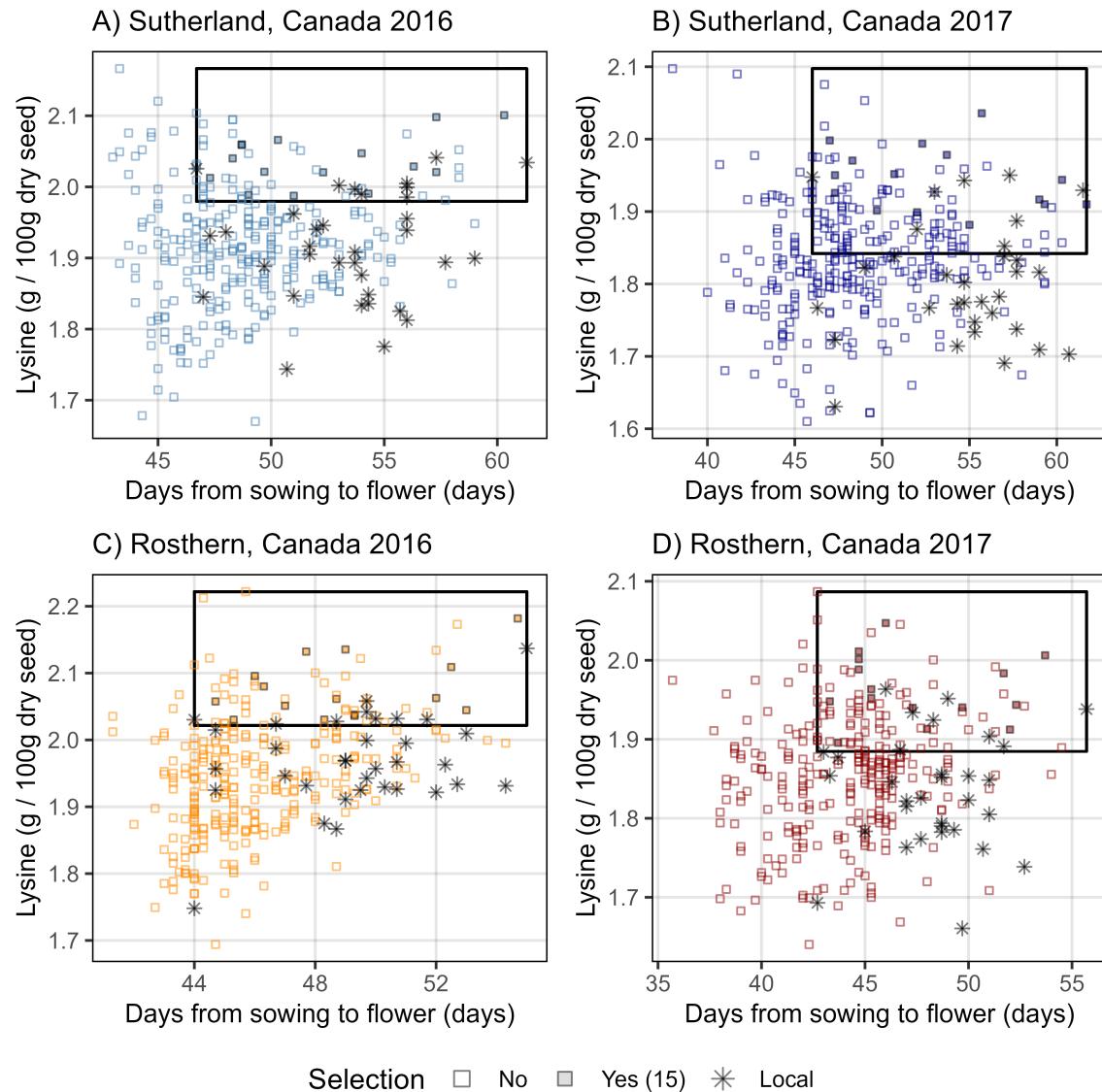


Figure 4

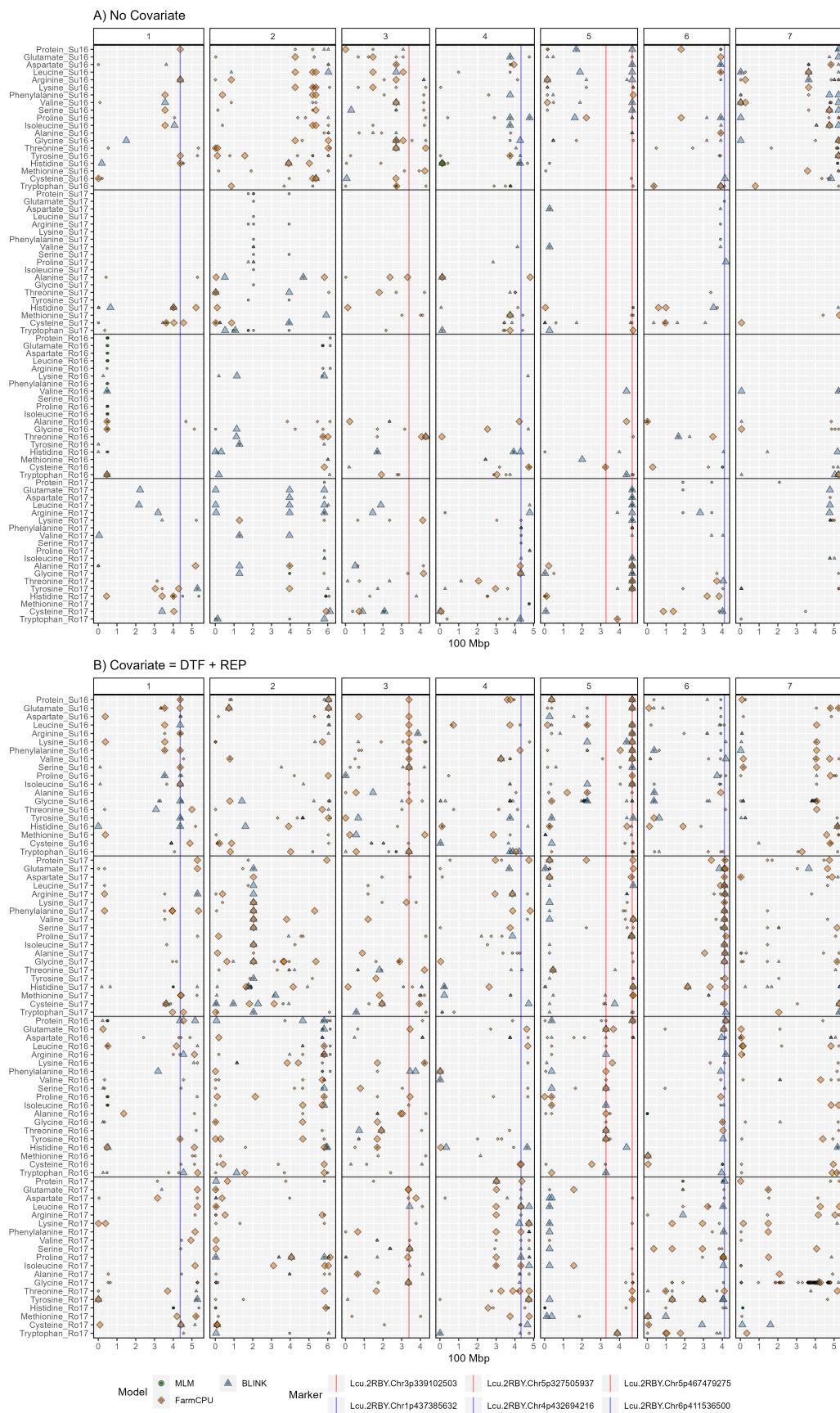
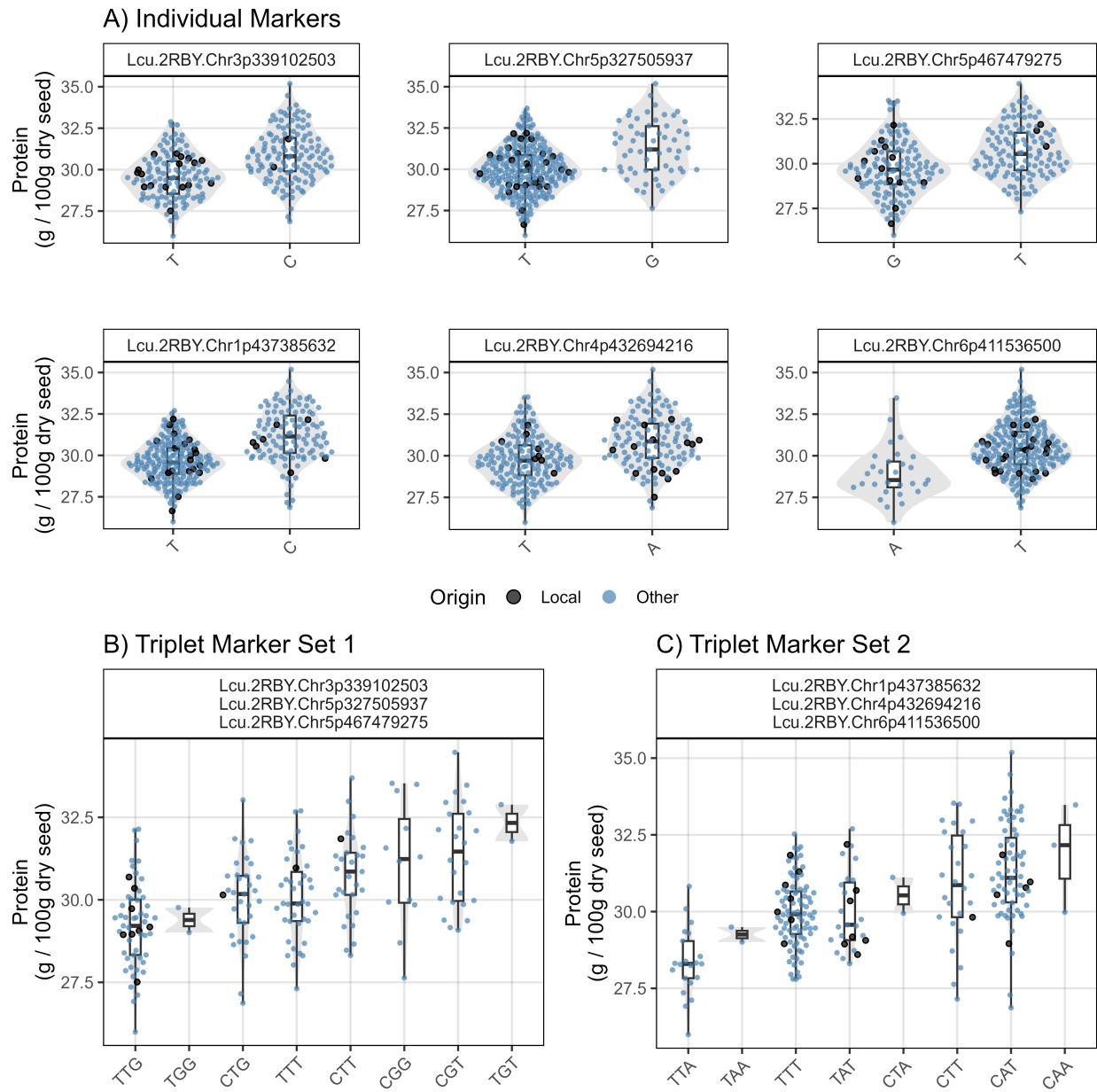
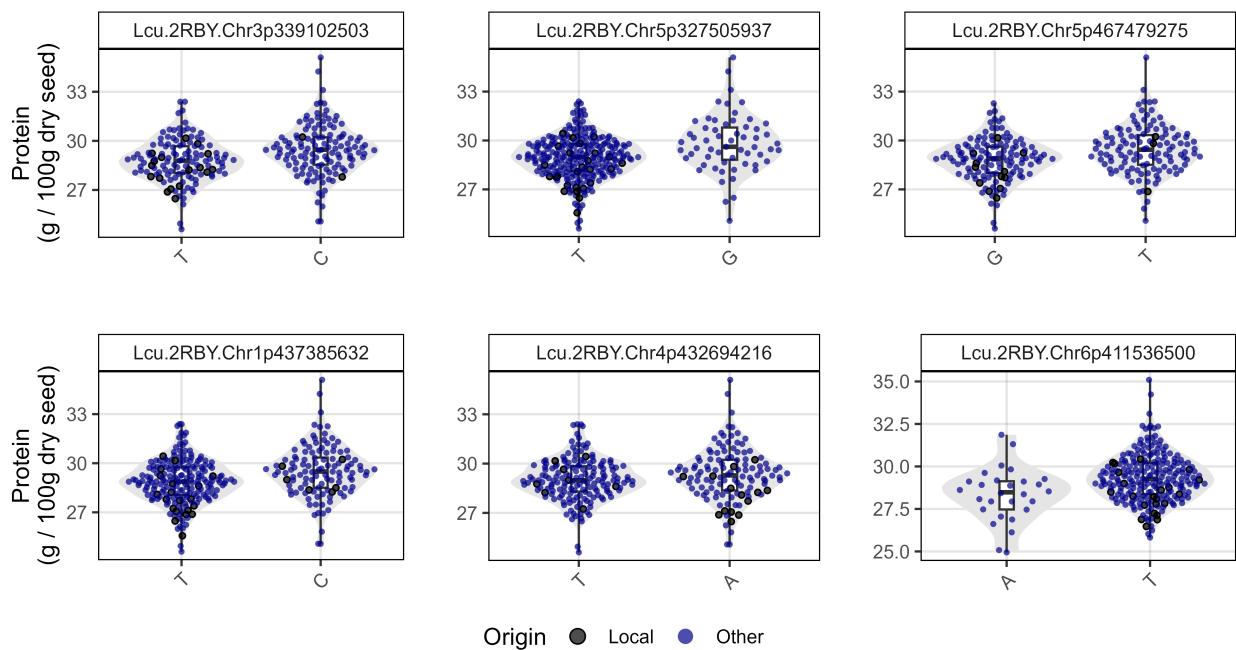


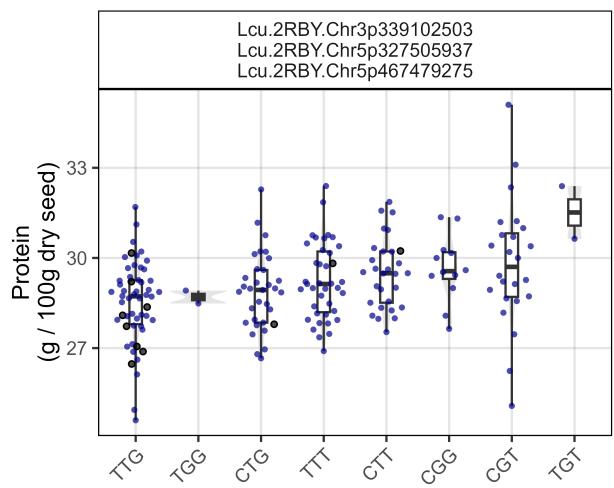
Figure 5



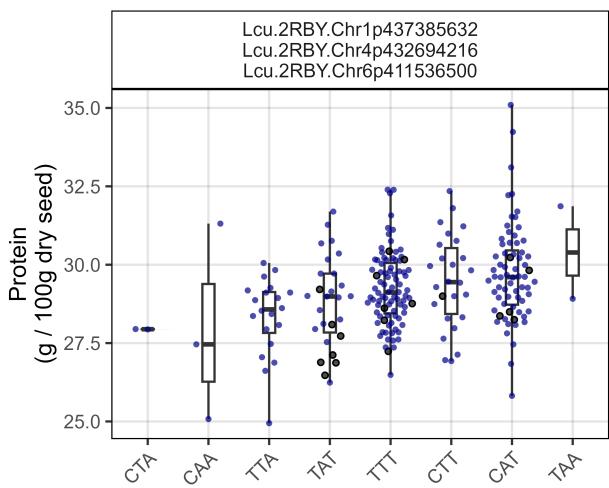
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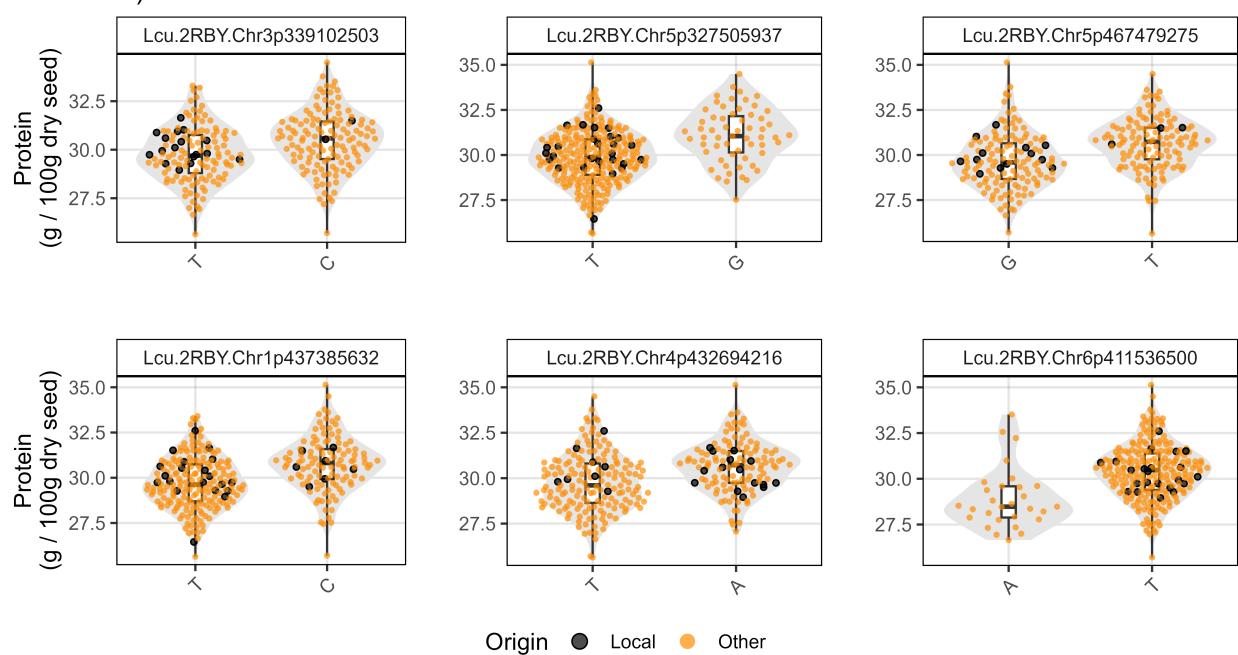
B) Triplet Marker Set 1



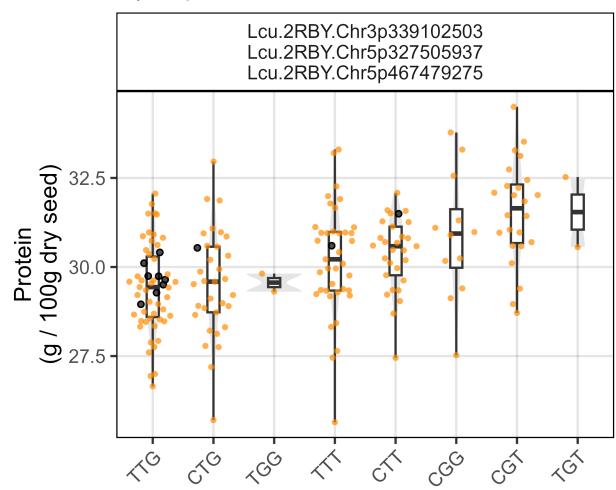
C) Triplet Marker Set 2



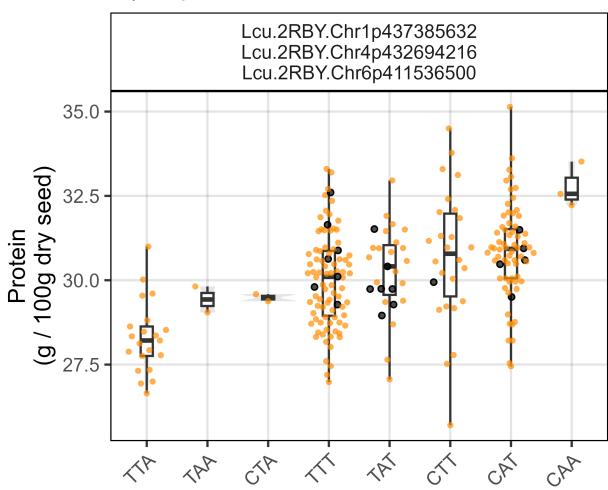
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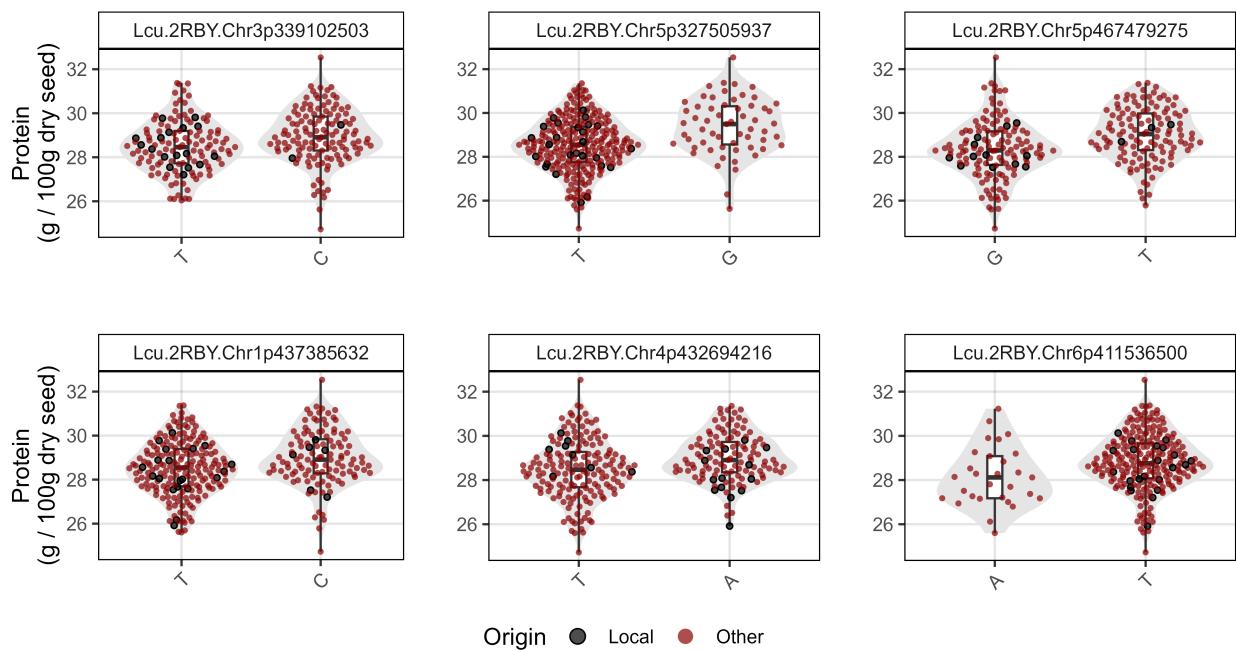
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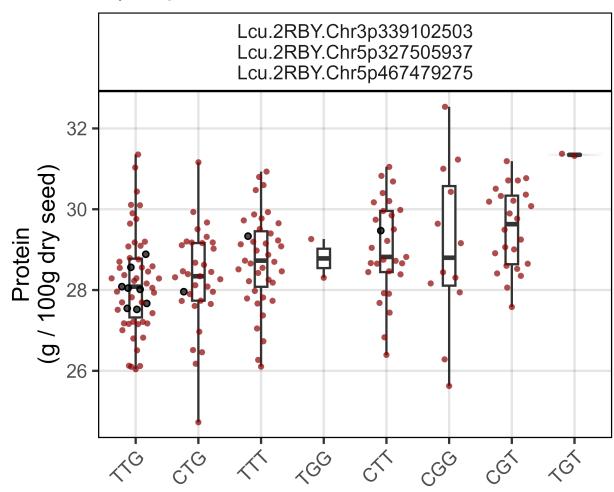
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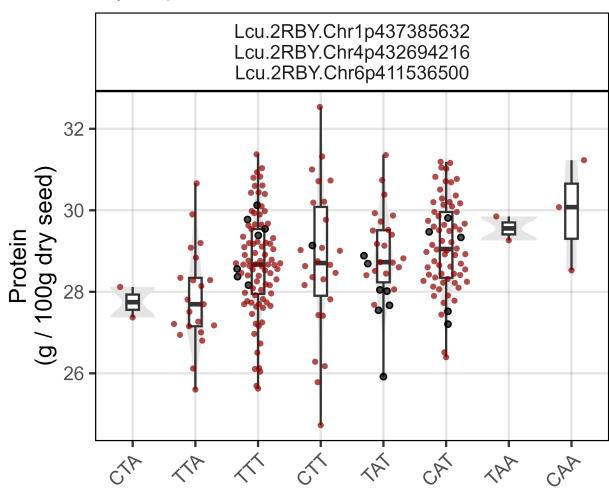
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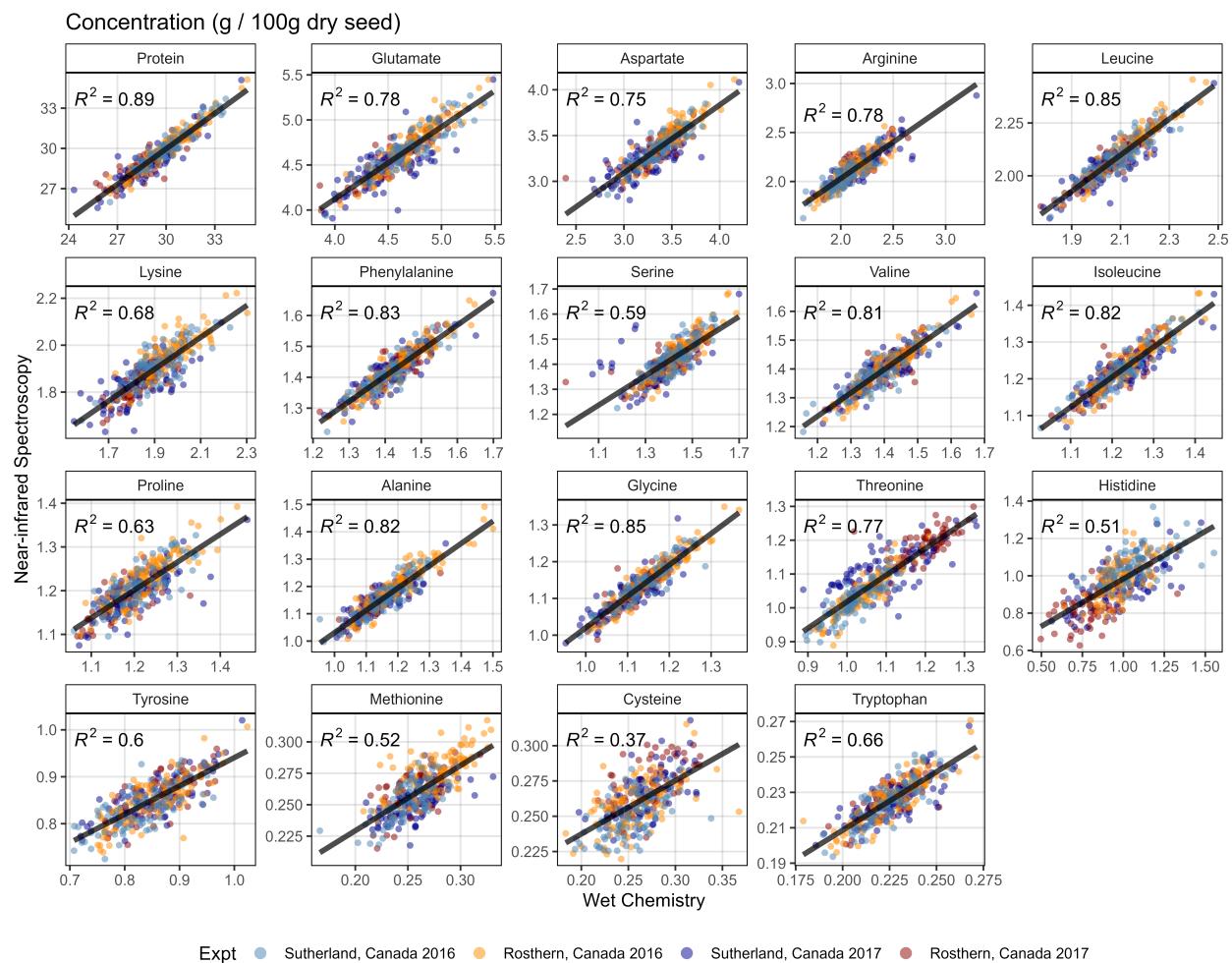


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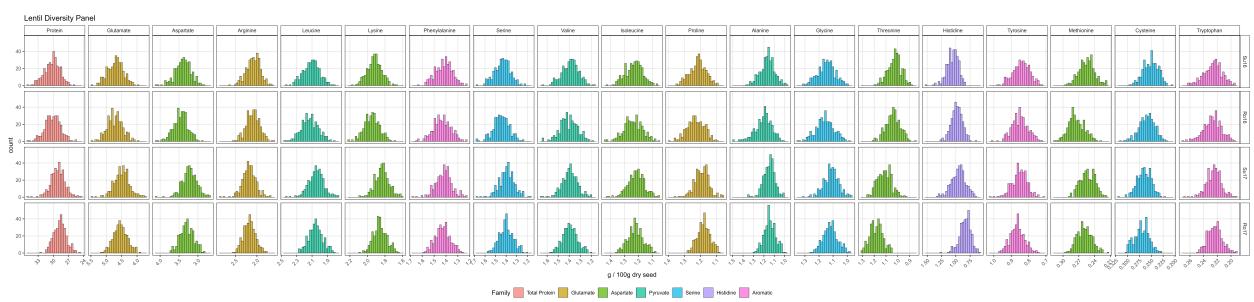


Supplemental Figures

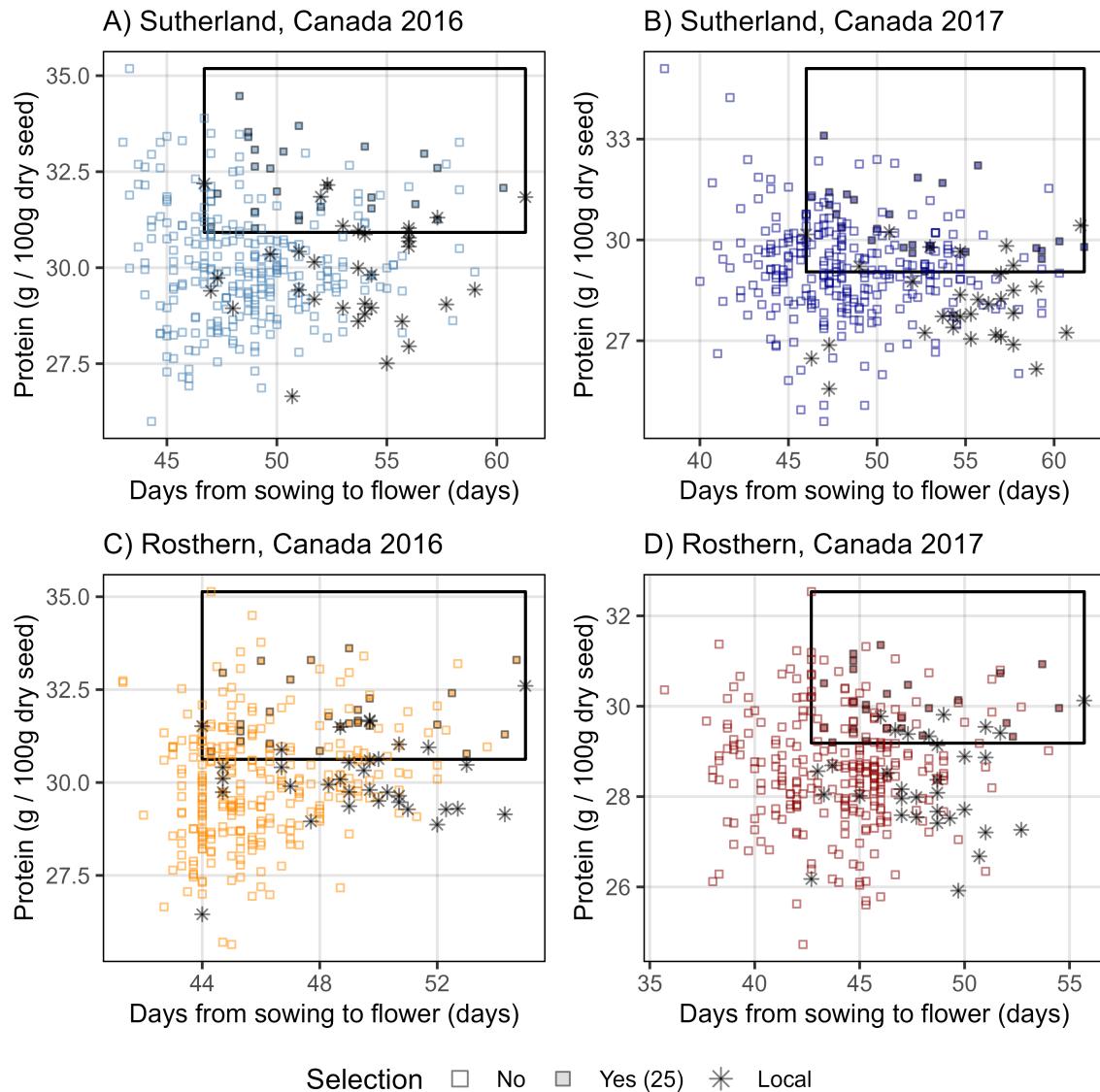
Supplemental Figure 1



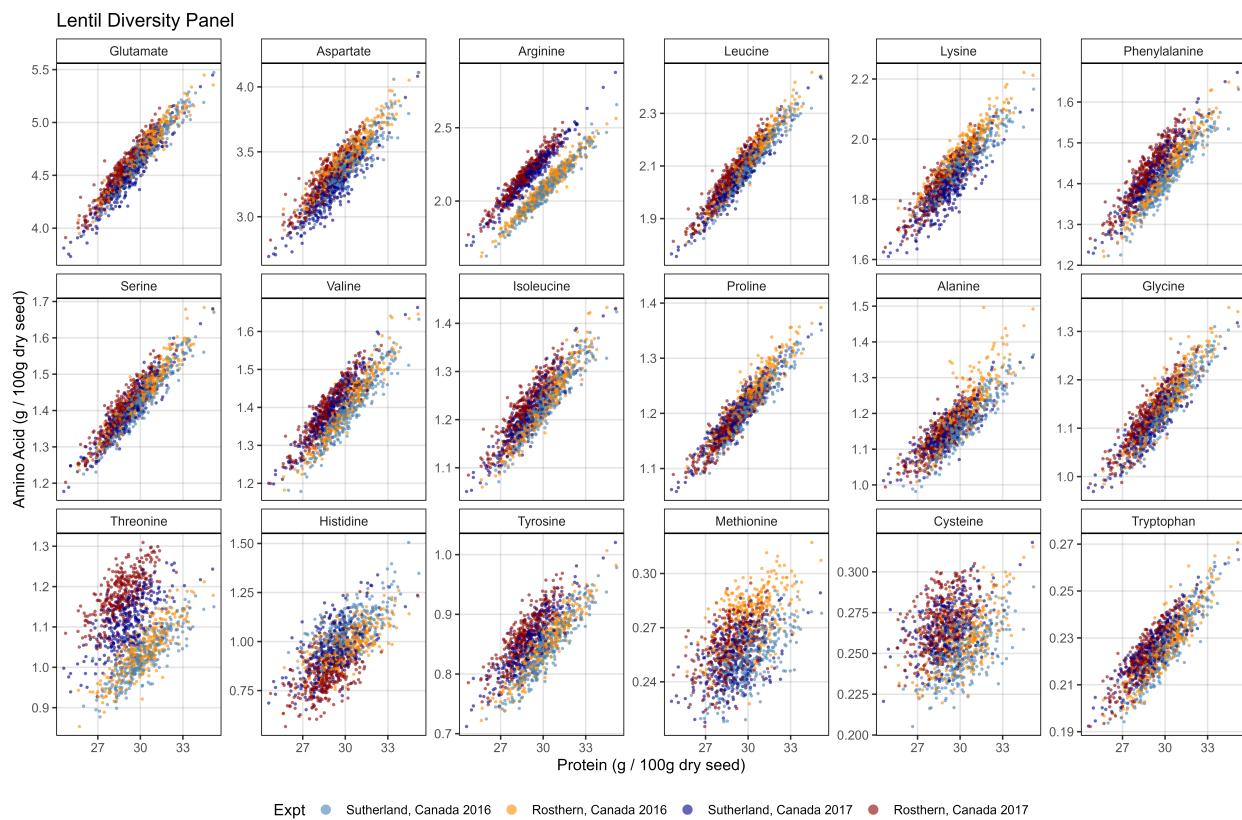
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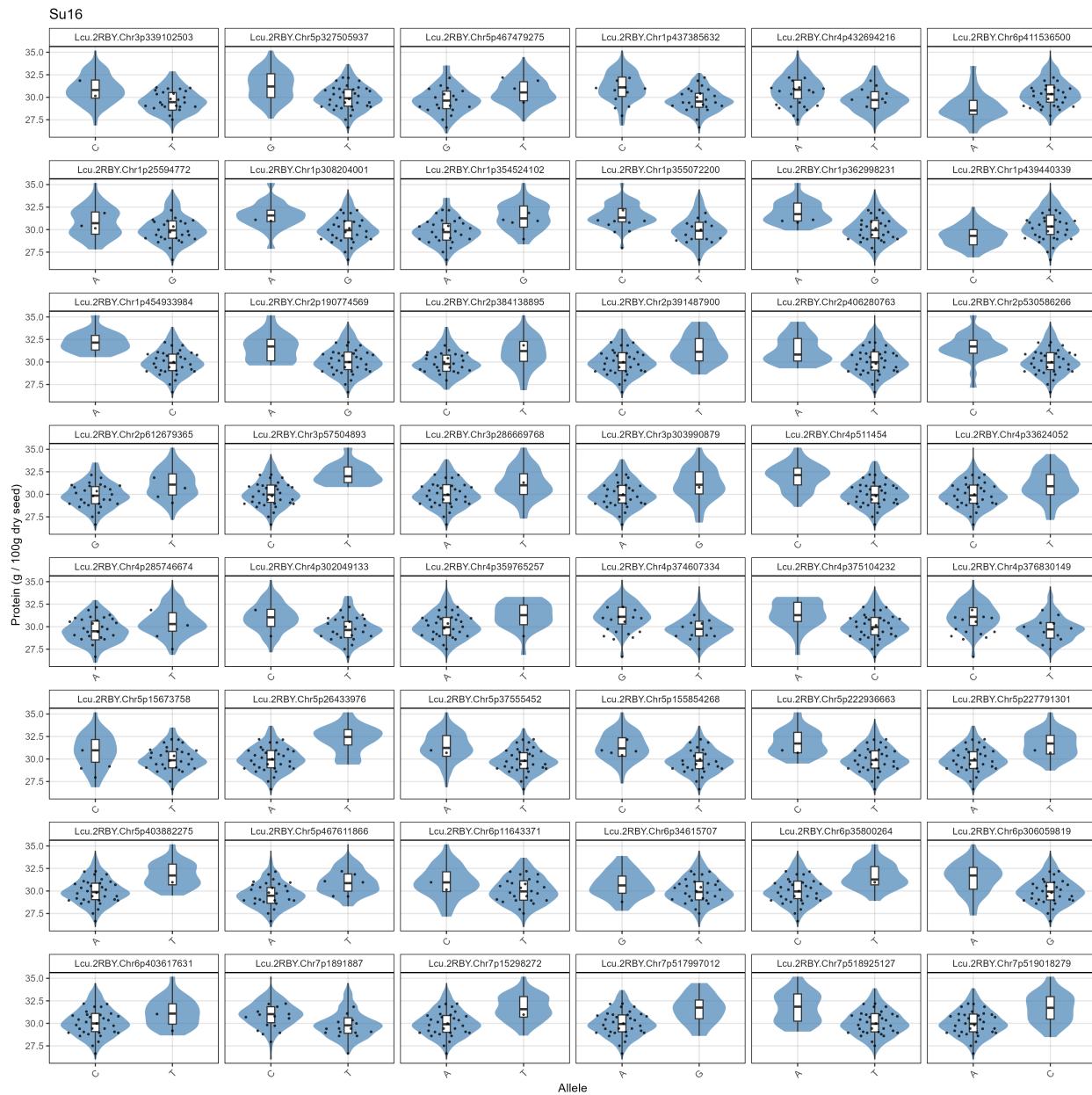
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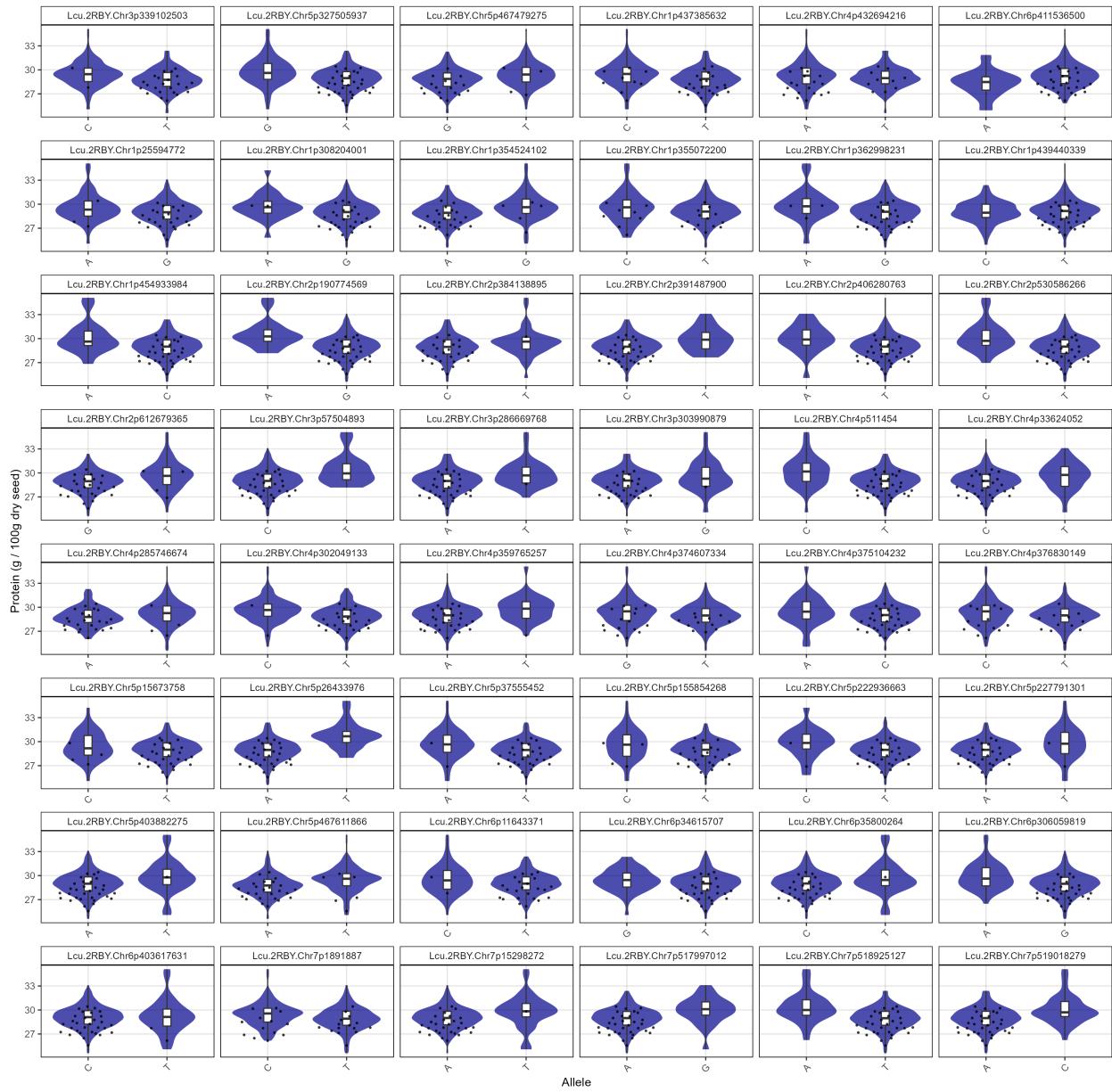
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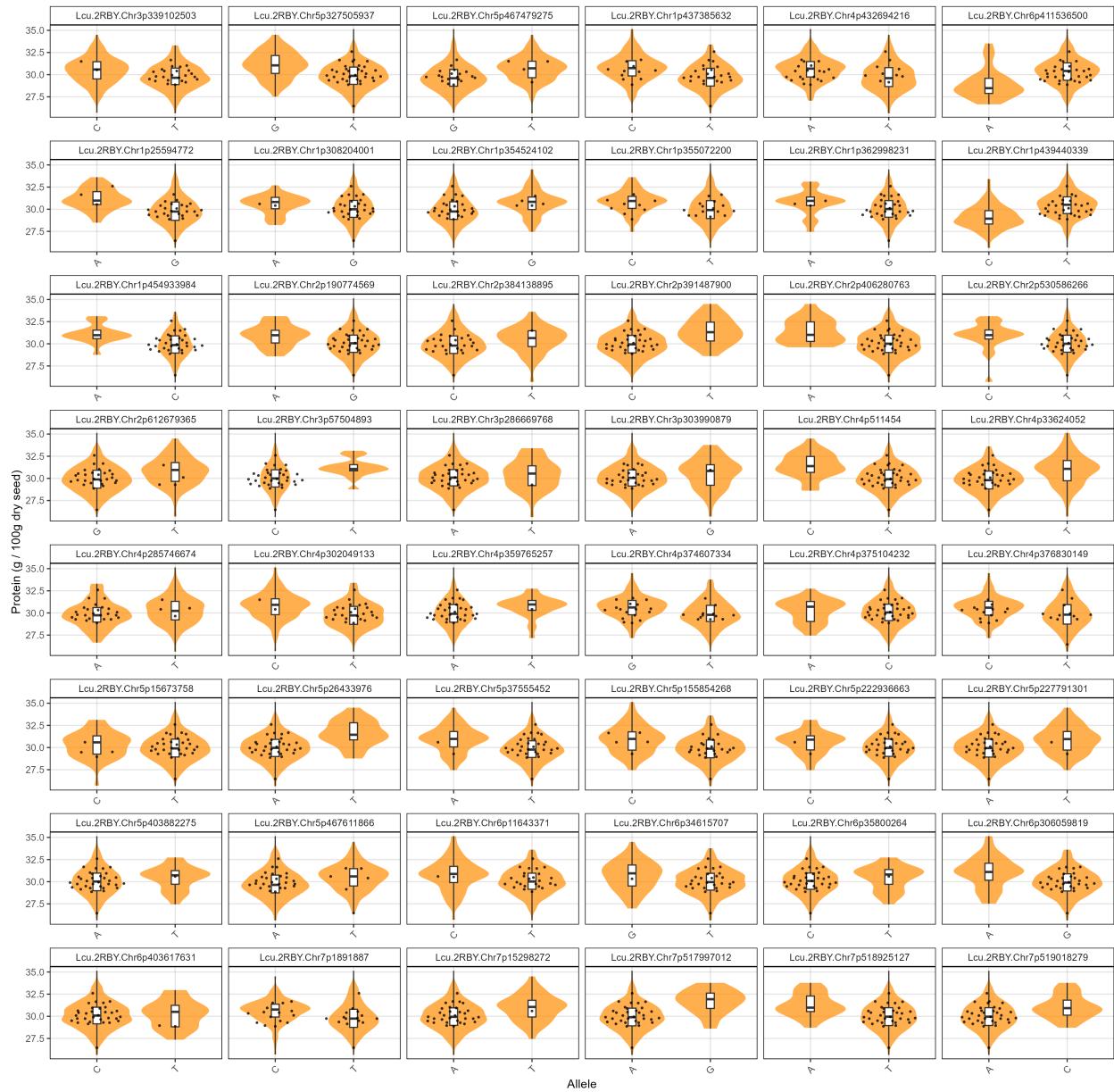
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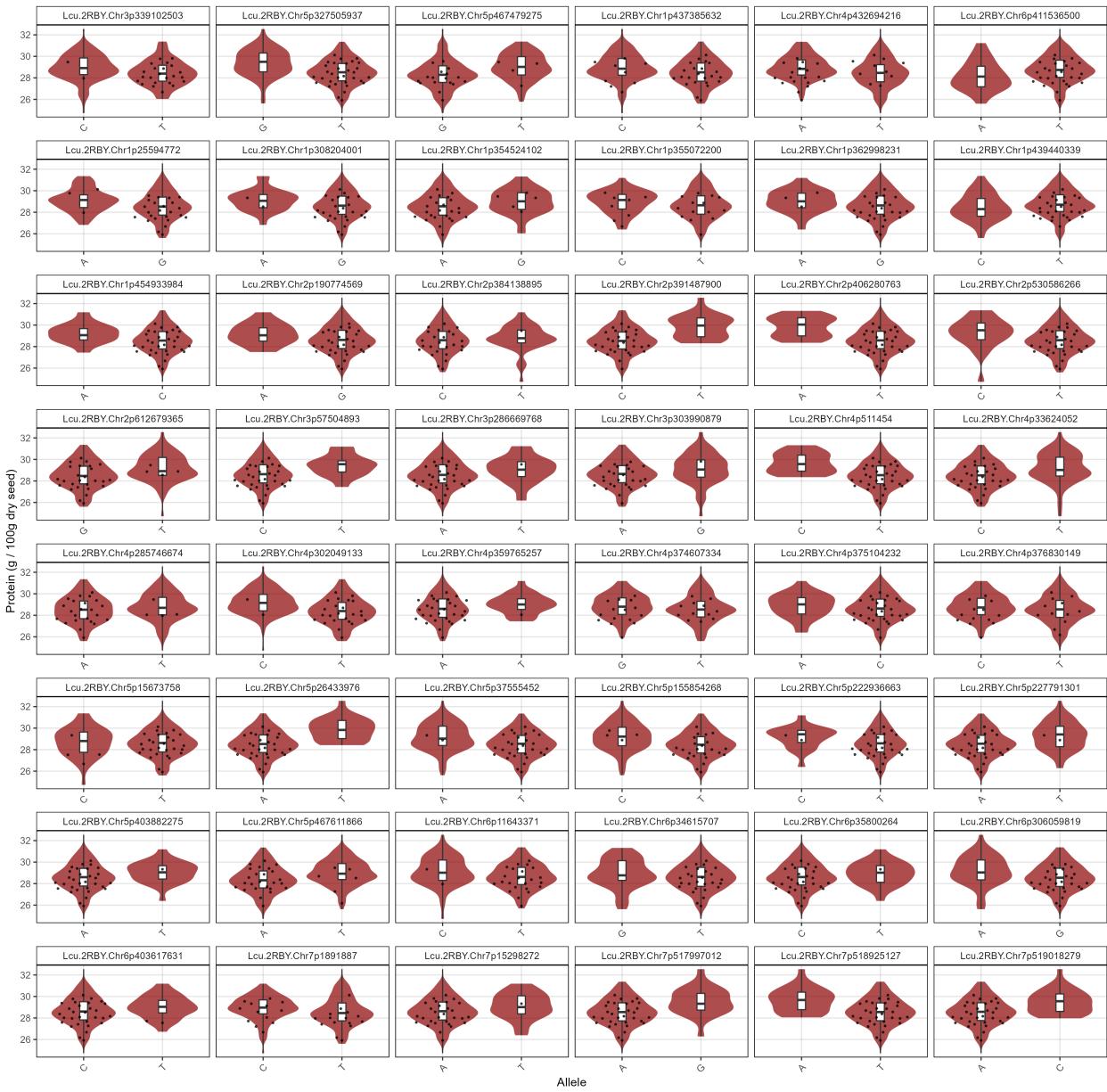
Su17



Ro16

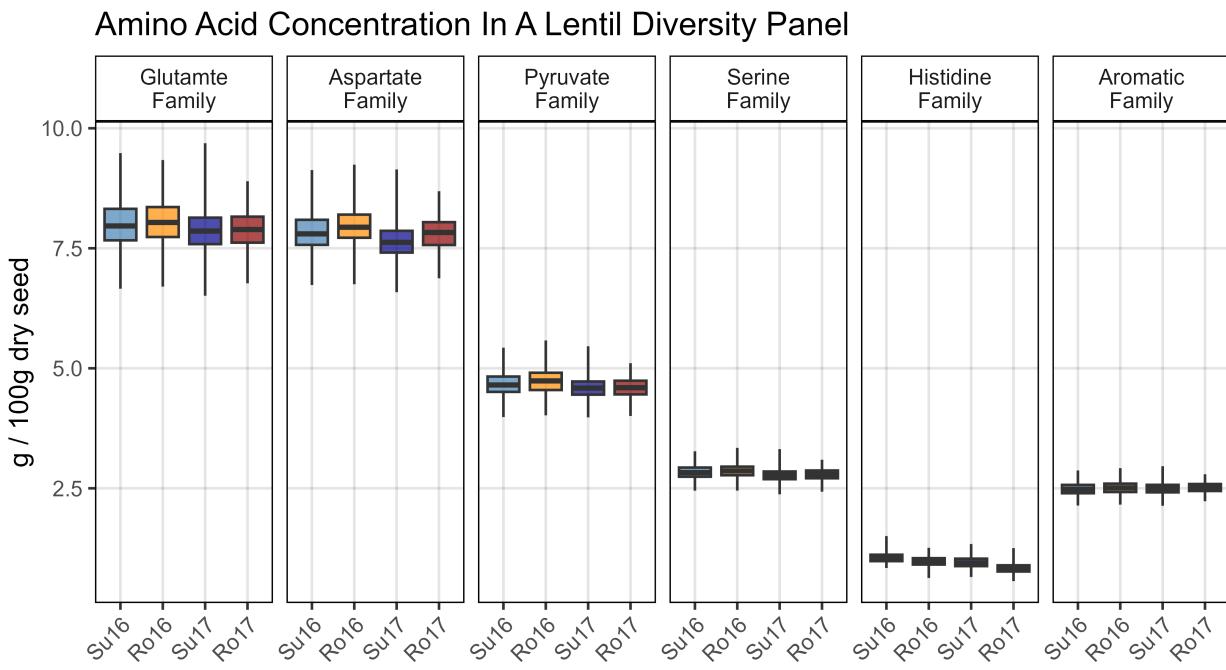


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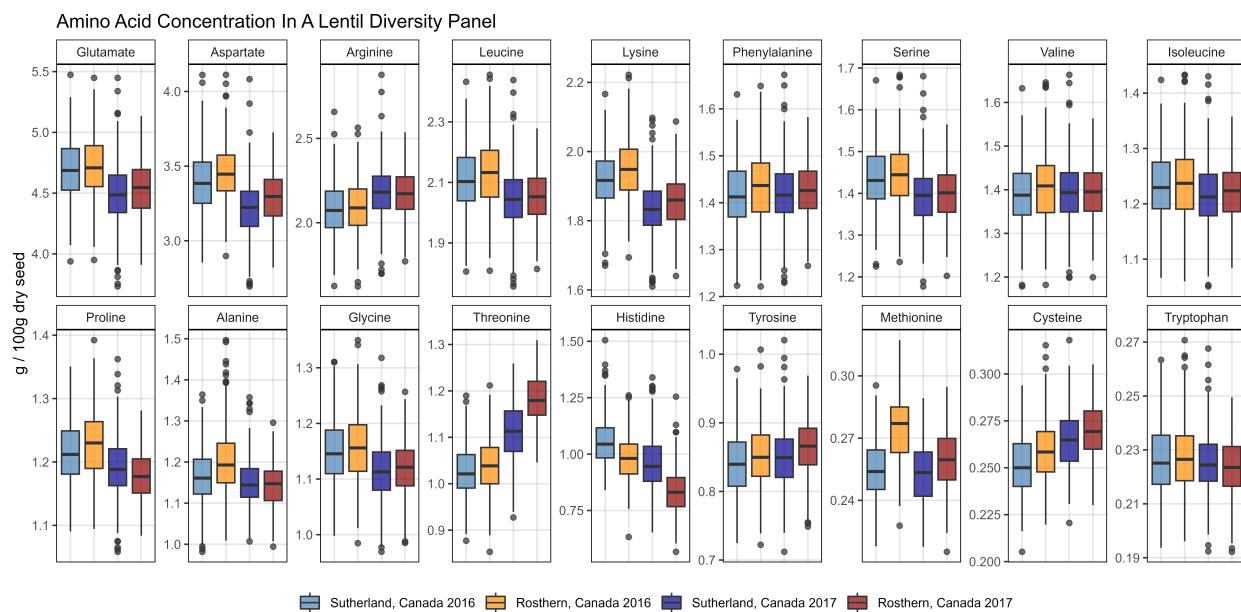


Additional Figures

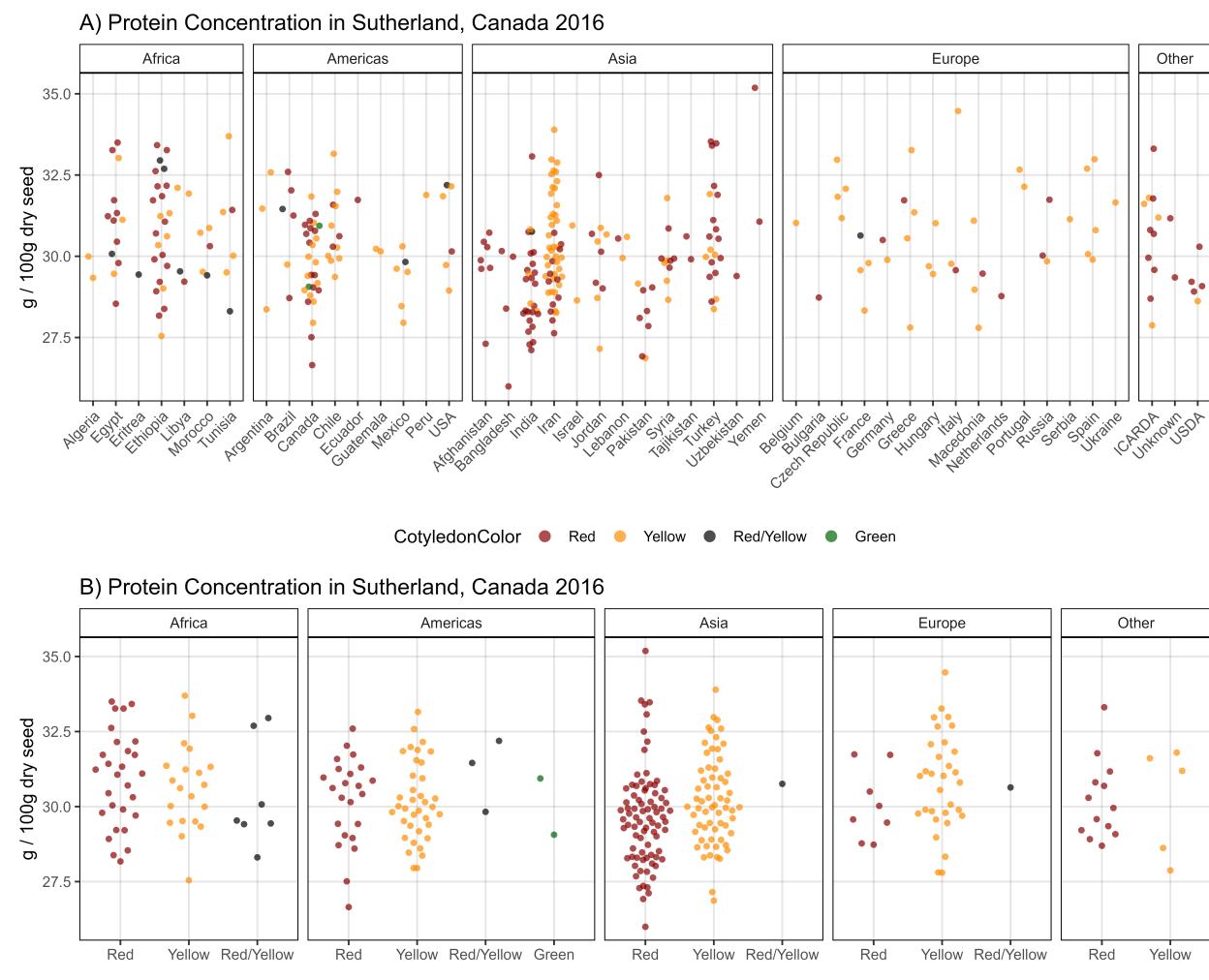
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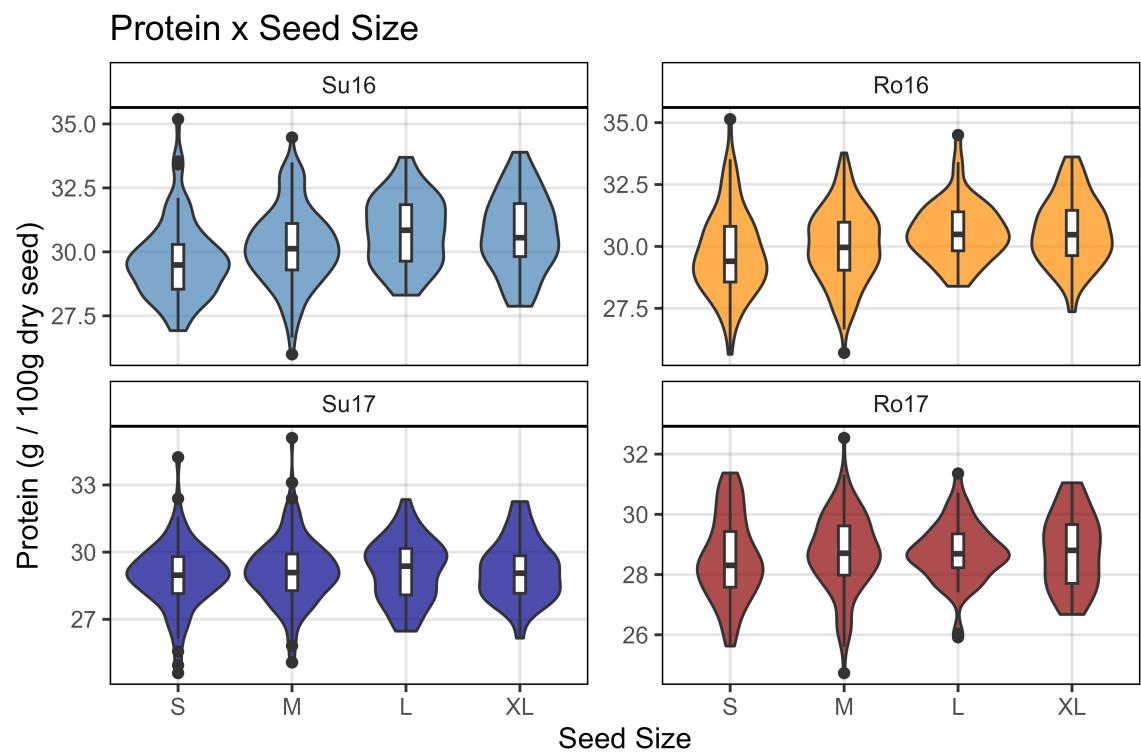
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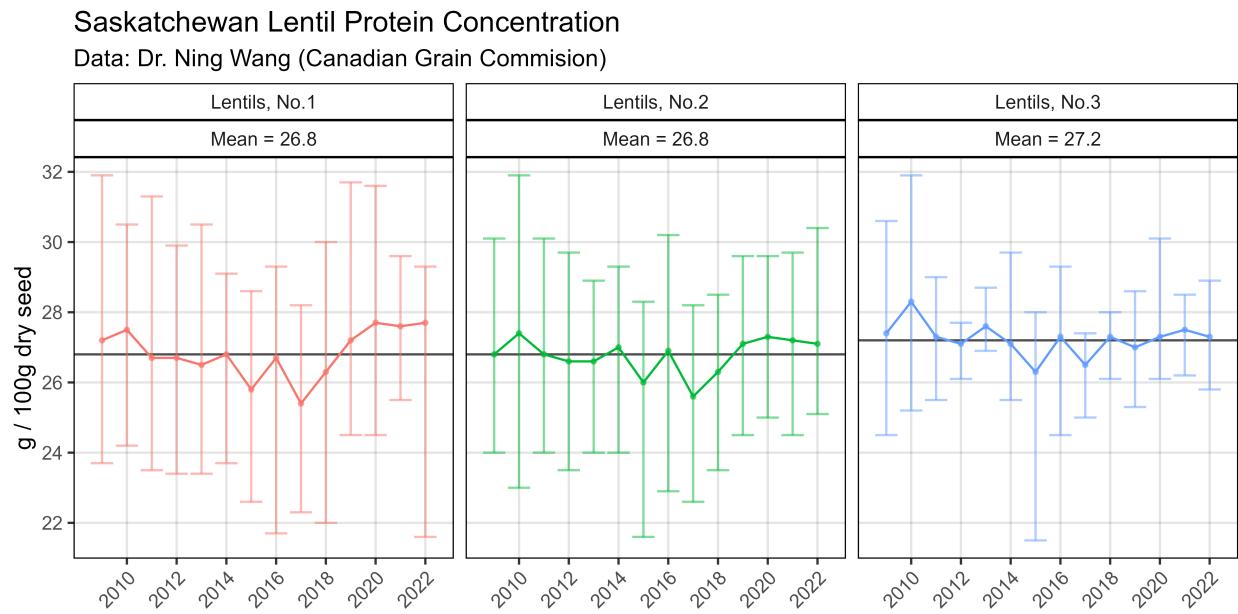
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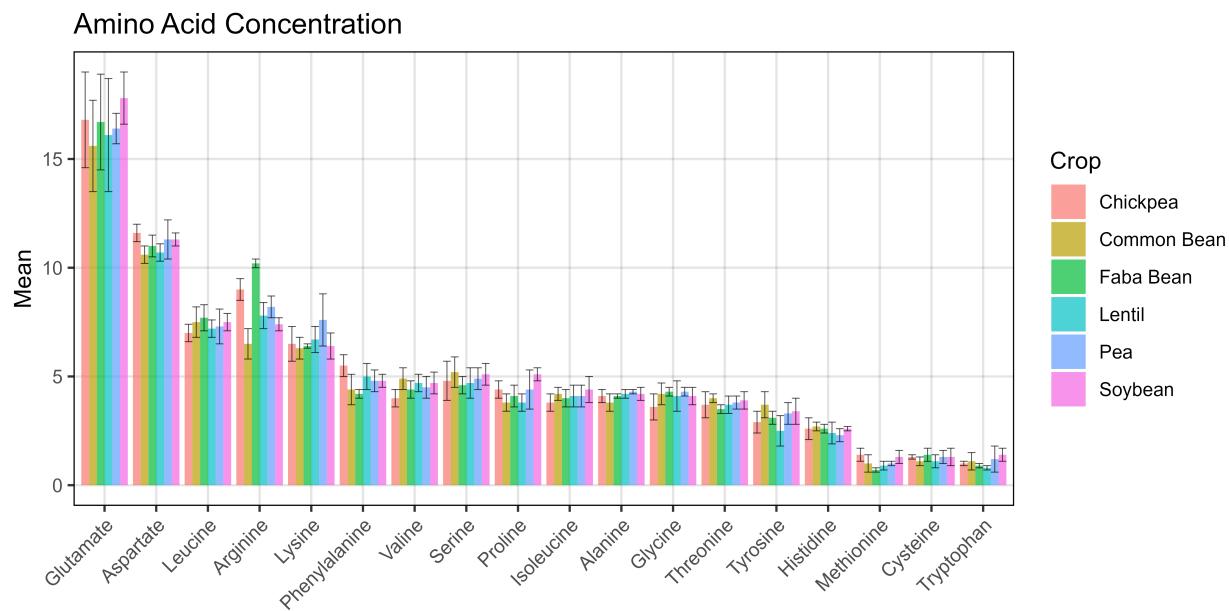
Additional Figure 4



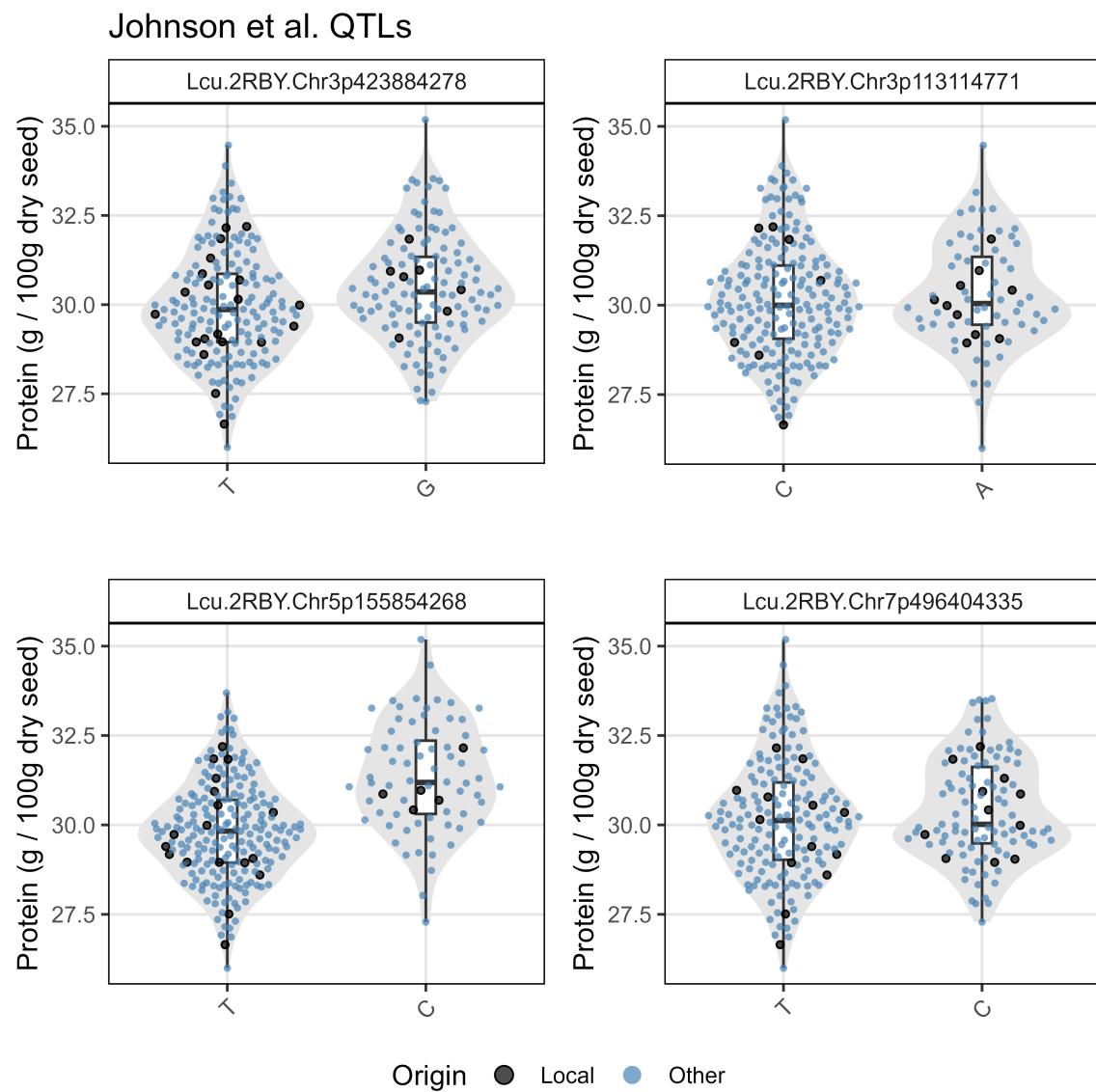
Additional Figure 5



Additional Figure 6



Additional Figure 7



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