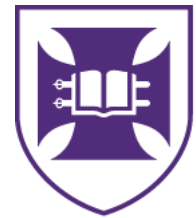


AWM genetics – Riverina Update



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE



Australian Government
Grains Research and
Development Corporation



GRDC
GRAINS RESEARCH
& DEVELOPMENT
CORPORATION



CRDC

At what scale should we co-ordinate weed management?



CRDC

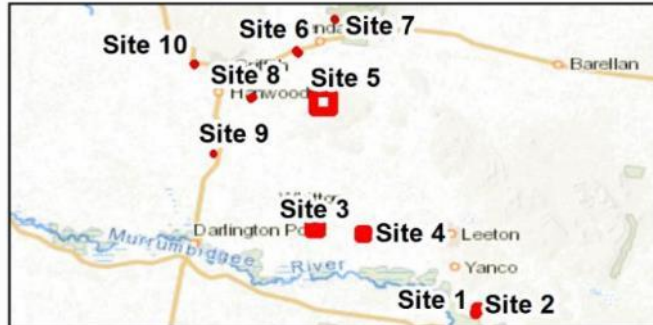


Riverina Fleabane Sites

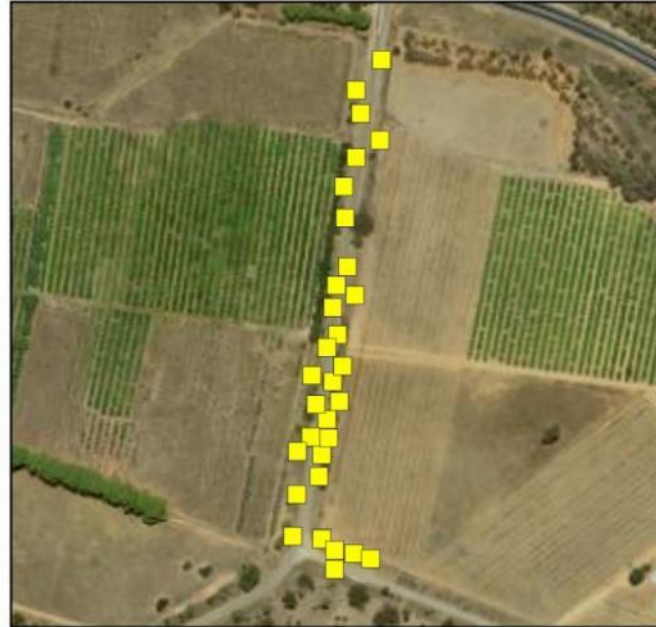
■ Sample Location

INTERNAL USE ONLY

not for general distribution



Site 1



Site 2



Site 3



Site 4



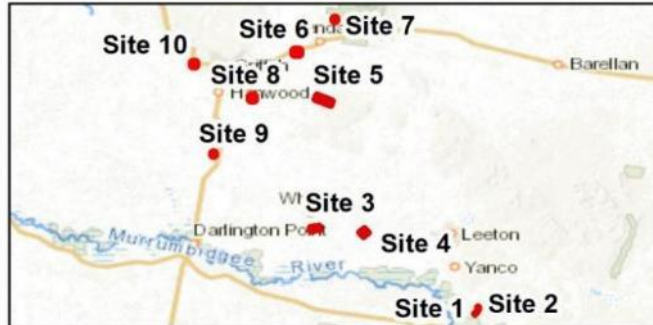
Site 5

Riverina Fleabane Sites

■ Sample Location

INTERNAL USE ONLY

not for general distribution



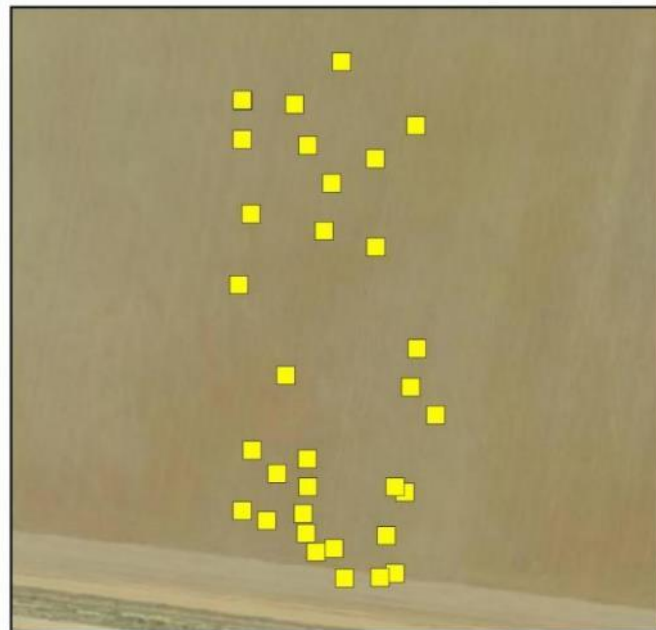
Site 10



Site 7



Site 8



Site 9



Site 10



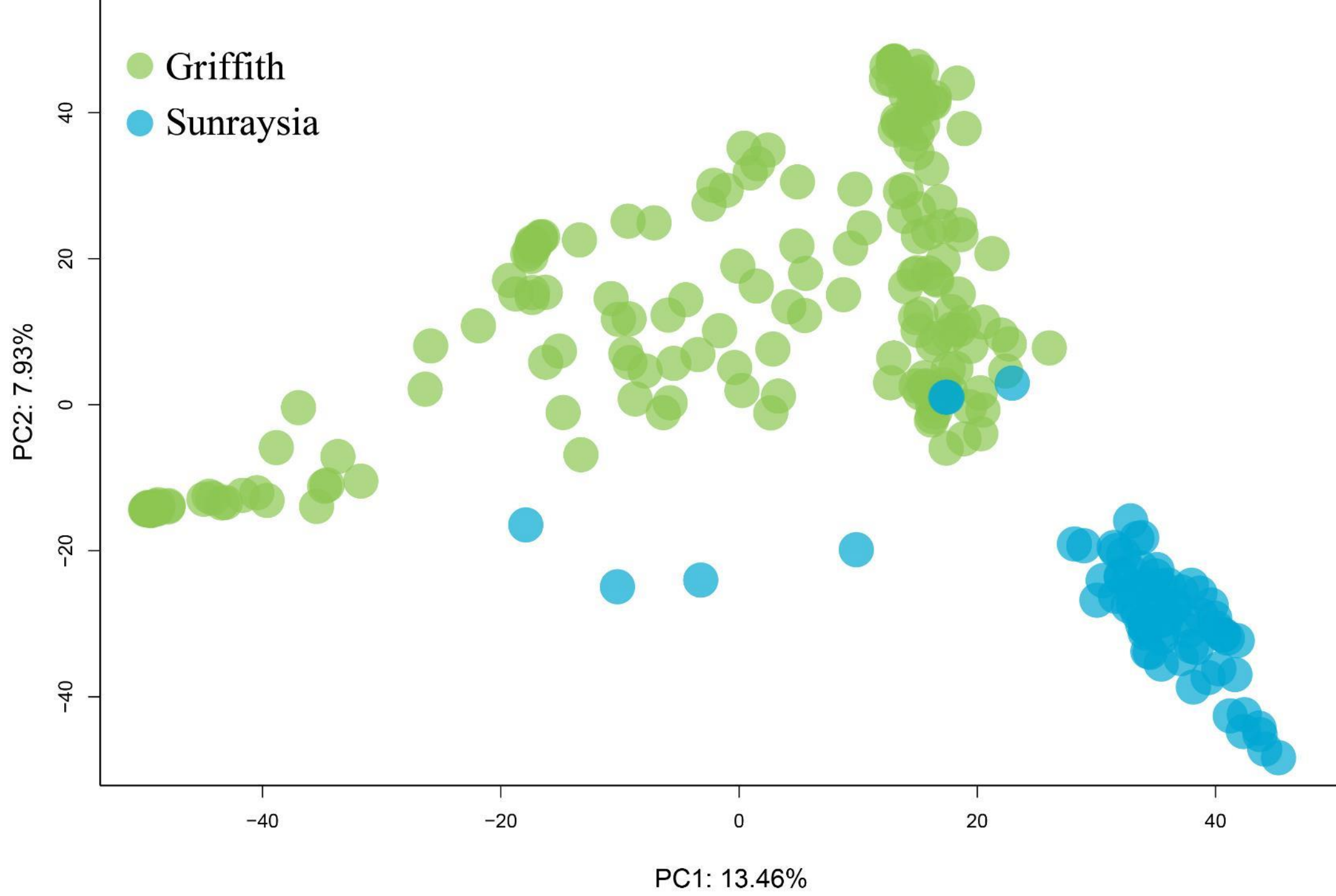


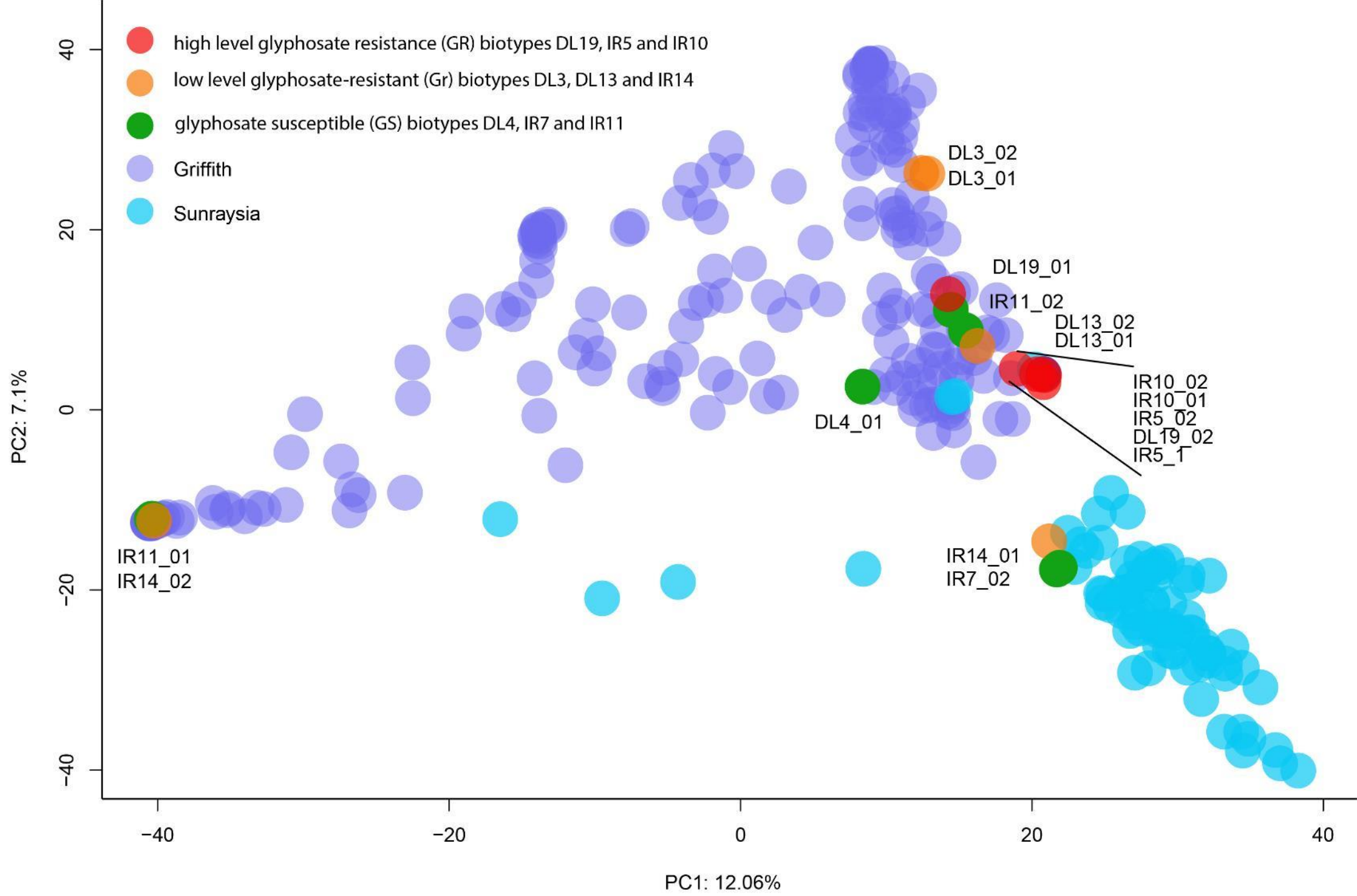
ANUM C

ANUM B

ANUM
A







Riverina Fleabane Sites

■ Sample Location

INTERNAL USE ONLY
not for general distribution

Site 1



Site 2



Site 3



Site 4



Site 5



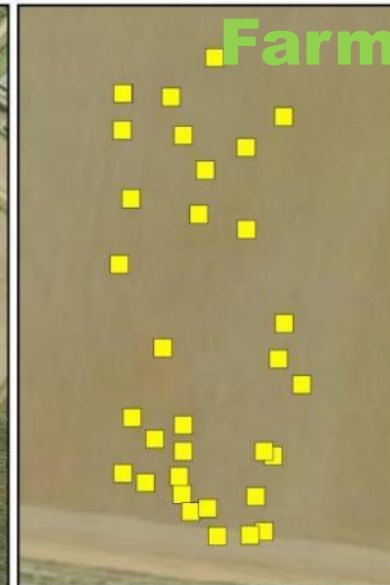
Site 6



Site 7



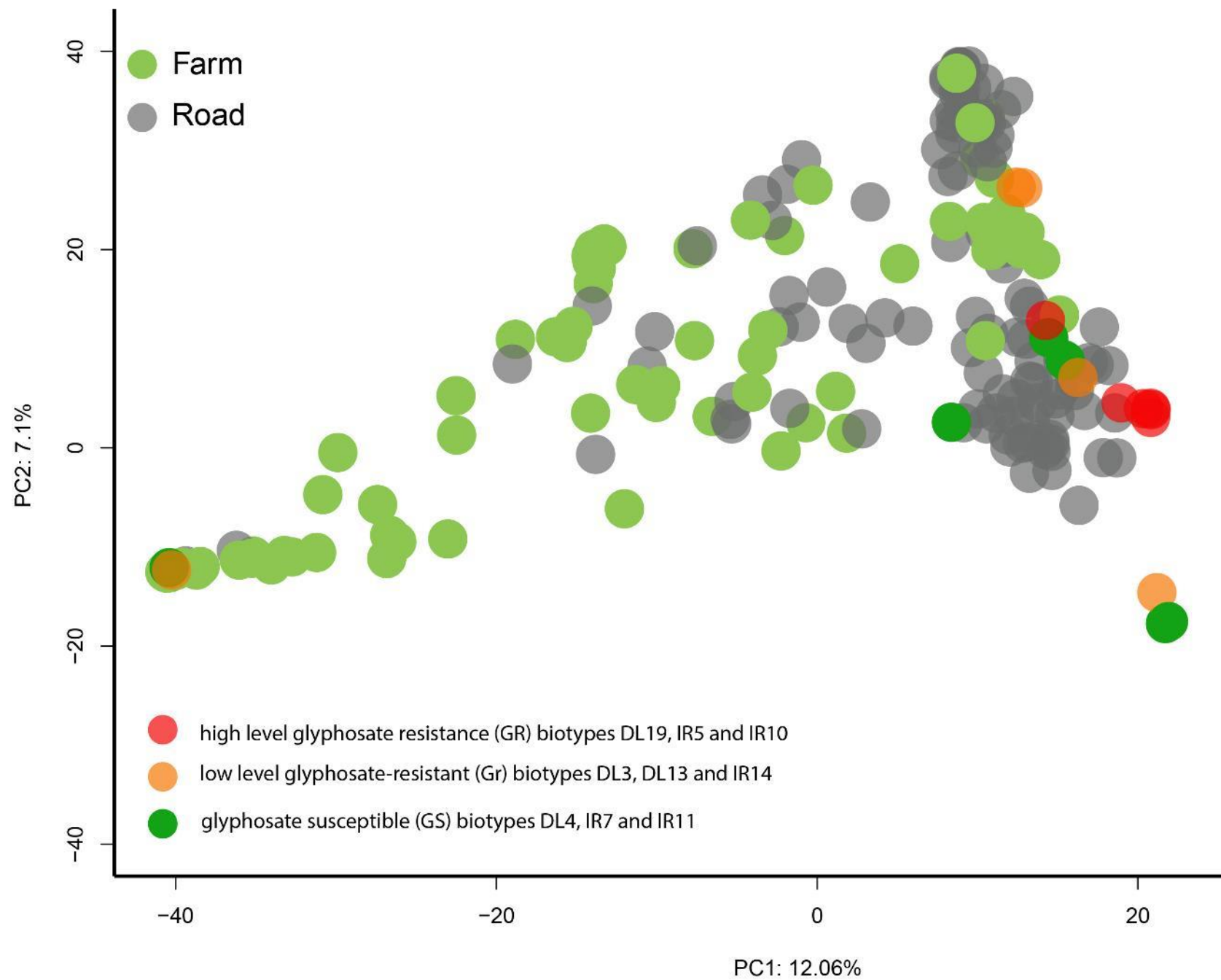
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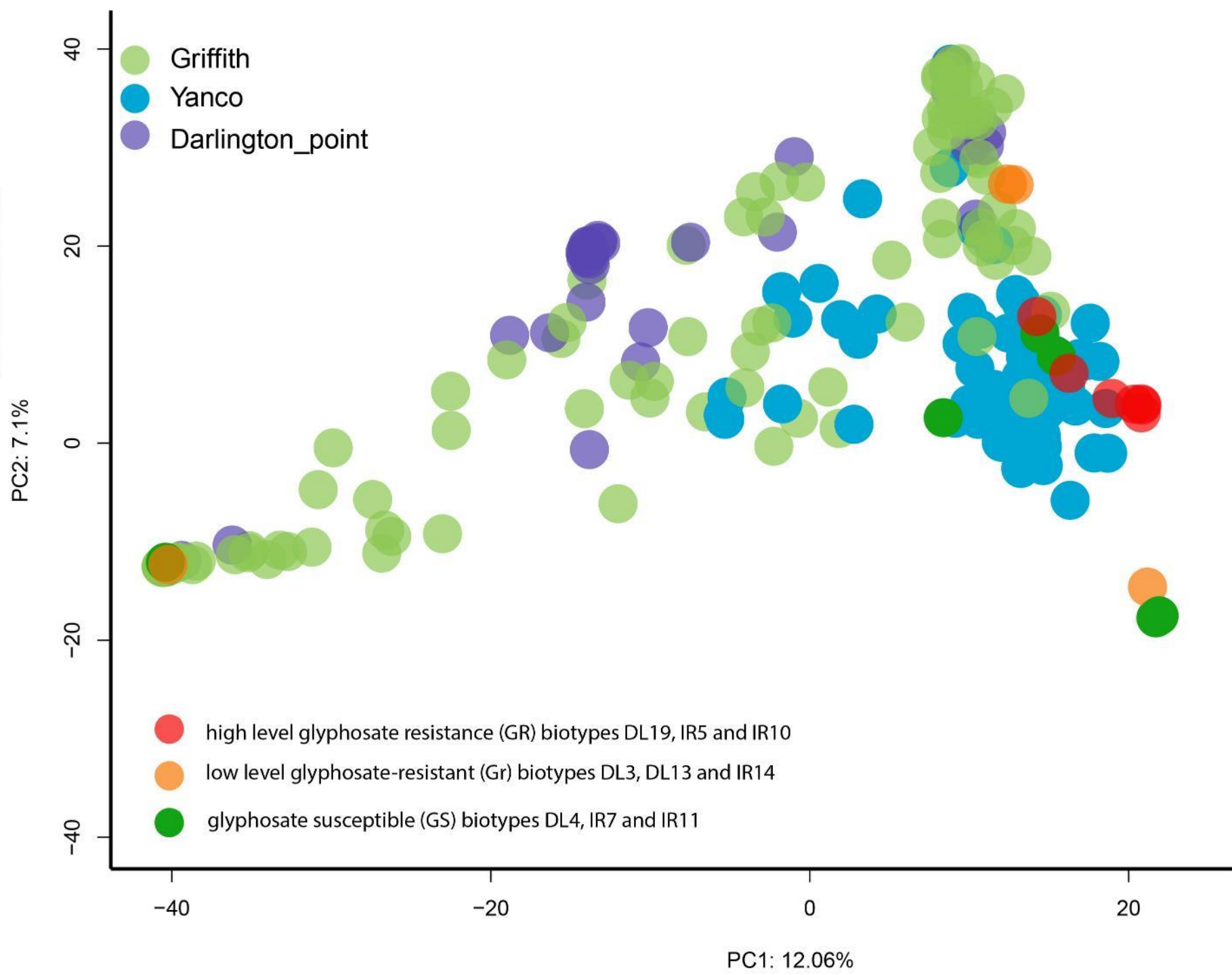
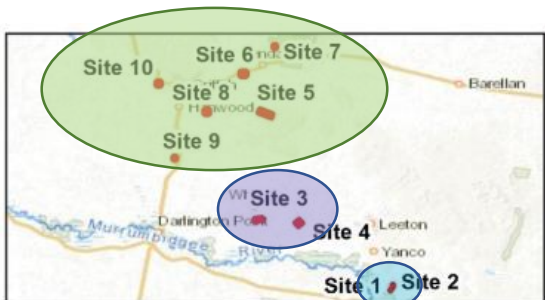


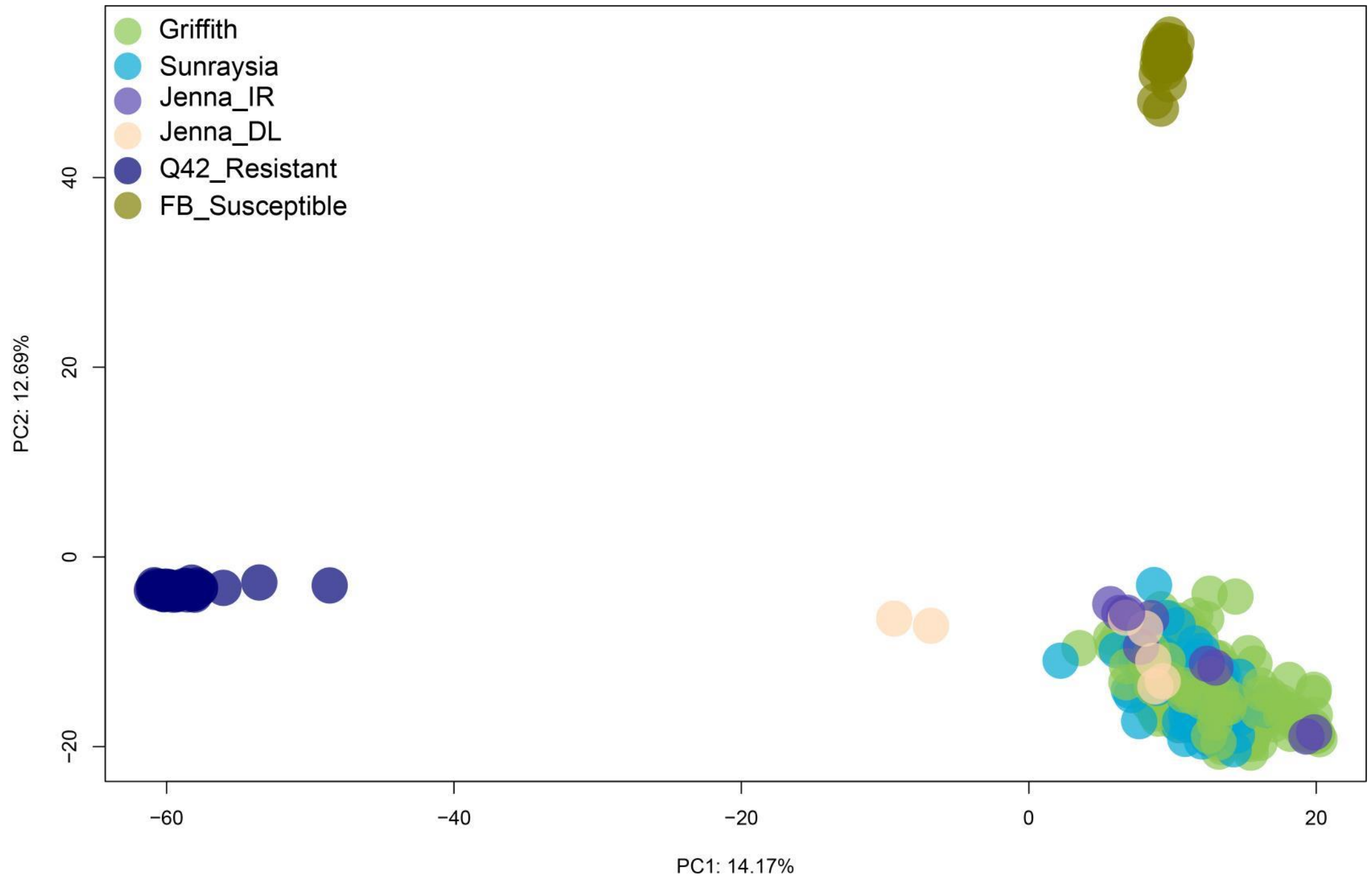
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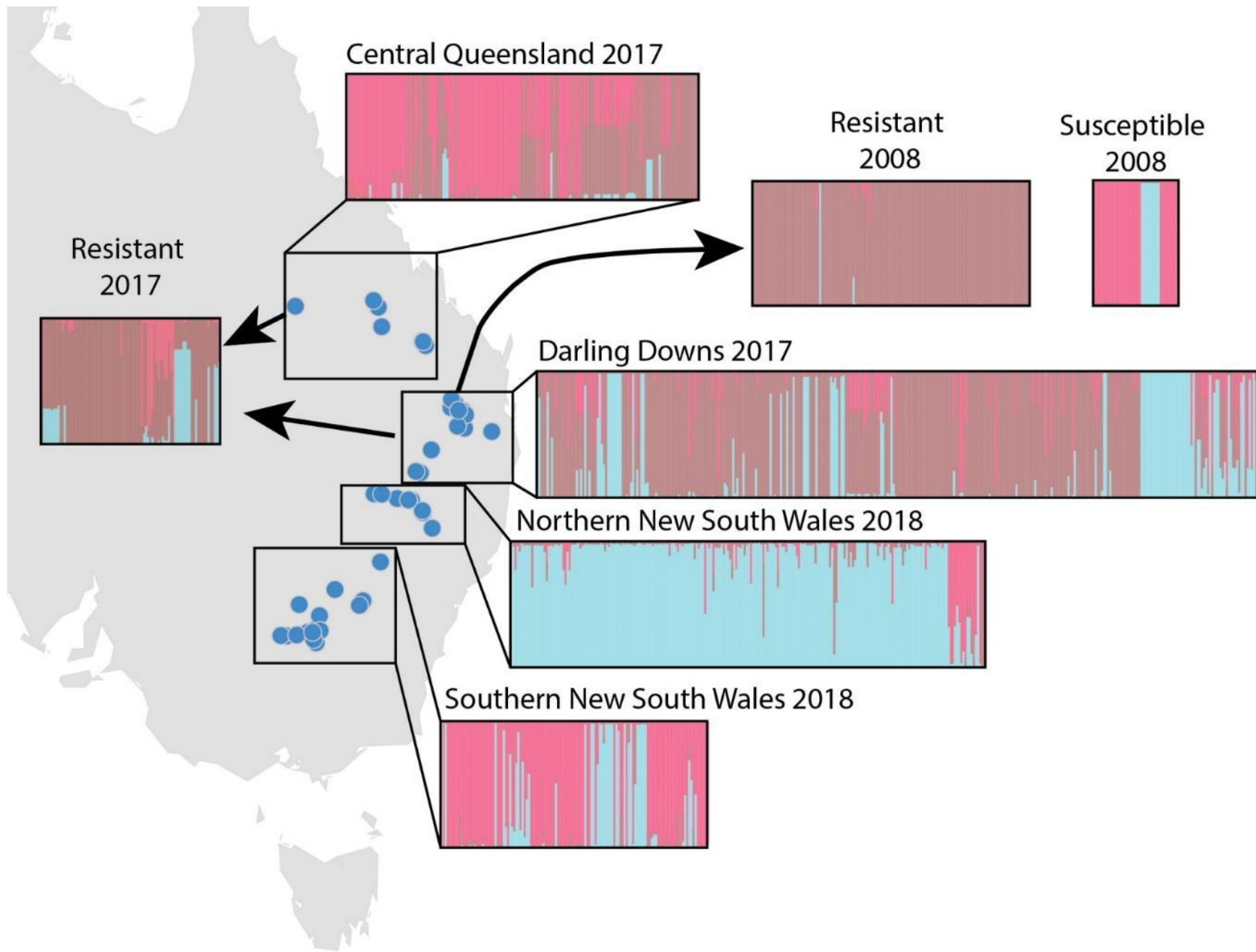


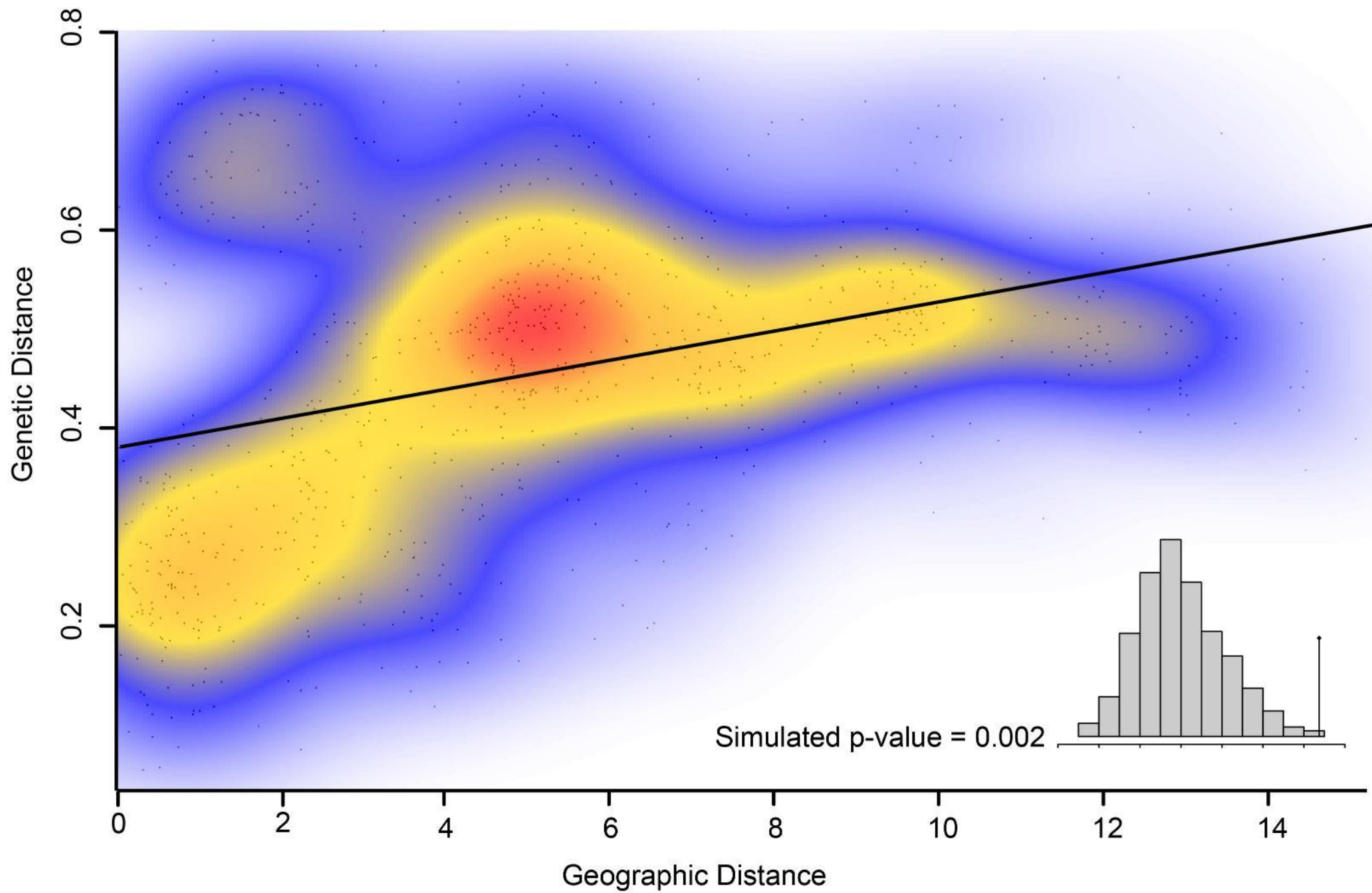
Site 10

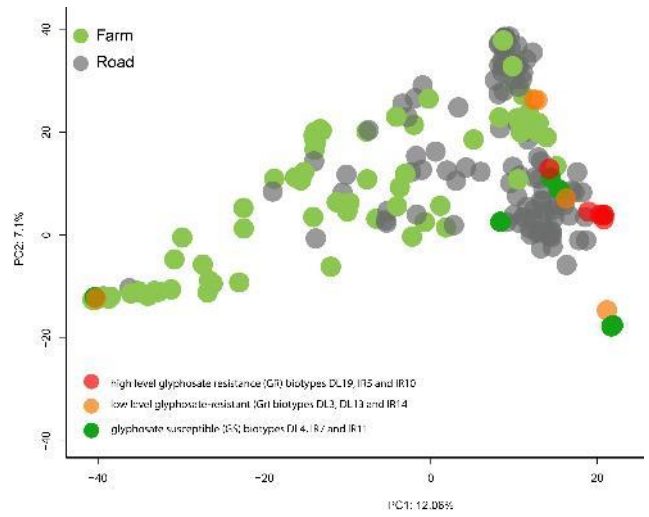




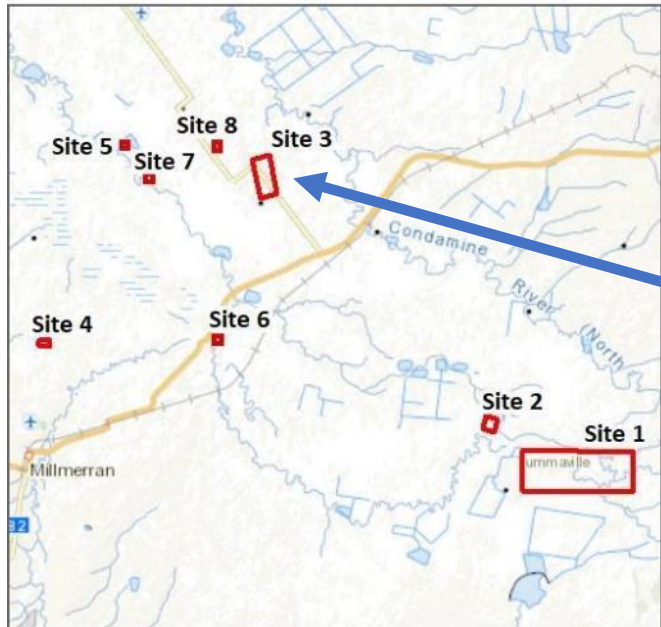




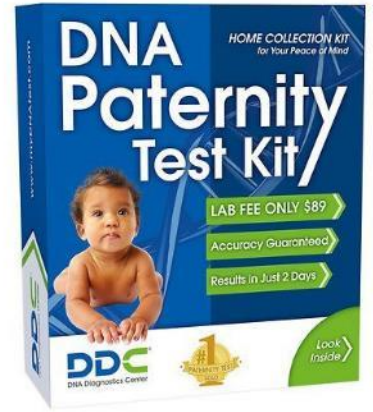
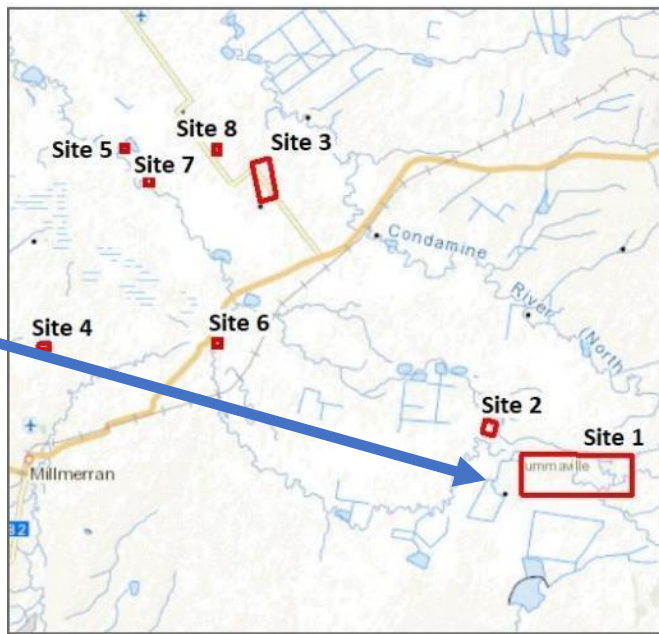




Season 1



Season 2



WHO'S
YOUR
DADDY

- Despite high movement, fleabane has genetically different populations at a regional scale
- Concerted efforts to control herbicide survivors are likely to have community benefits at the regional scale
- Evolution and spread of resistance highlights the importance of controlling seed and pollen production

Thank You!

SITE: 8A
DATE: 8-5-2020
LAT: 34.33606
LONG: 146.09279
WP: 168
Need: FB

SITE: 6A
DATE: 22-8-2020
LAT: 34.26782
LONG: 146.16951
WP: 216
Need: FB

SITE: 6A
DATE: 22-8-2020
LAT: 34.26349
LONG: 146.16058
WP: 201
Need: FB

SITE: 8A
DATE: 8-5-2020
LAT: 34.33943
LONG: 146.09024
WP: 182
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SITE: 8A
DATE: 8-5-2020
LAT: 34.33842
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WP: 181
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SITE: 6A
DATE: 22-8-2020
LAT: 34.26399
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WP: 201
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SITE: 3
DATE: 30-5-20
LAT: 37.75674
LONG: 151.23177
WP: 01
Need: FB

SITE: 5
DATE: 2-3-20
LAT: 37.75674
LONG: 151.23177
WP: 01
Need: FB

SITE: 5
DATE: 2-3-20
LAT: 37.75674
LONG: 151.23177
WP: 01
Need: FB