Global Genotype Flow in *Cercospora beticola* Populations Confirmed through Genotyping-By-Sequencing

**Niloofar Vaghefi1, Julie R. Kikkert2, Melvin D. Bolton3,5, Linda E. Hanson4, Gary A. Secor5, Scot C. Nelson6, Sarah J. Pethybridge1\***

**1** School of Integrative Plant Science, Plant Pathology & Plant-Microbe Biology Section, Cornell University, Geneva, New York, United States of America, **2** Cornell Cooperative Extension, Canandaigua, New York, United States of America, **3** United States Department of Agriculture – Agricultural Research Service (USDA-ARS), Red River Valley Agricultural Research Center, Fargo, North Dakota, United States of America, **4** USDA-ARS, Sugar Beet and Bean Research Unit, Michigan State University, Michigan, United States of America, **5** Department of Plant Pathology, North Dakota State University, Fargo, North Dakota, United States of America, **6** College of Tropical Agriculture and Human Resources, Department of Tropical Plant and Soil Sciences, University of Hawaii at Manoa, Honolulu, Hawaii, United States of America

\*sjp277@cornell.ed.au (SJP)

**Table S4. Genetic differentiation among *Cercospora* *beticola* populations based on pairwise Jost’s *D* [56] calculated in the package *mmod* [59].** The first number indicates *D* calculated from genotyping 12 microsatellite loci; the second number was obtained from the strictly filtered GBS-SNP data set; and the third and fourth numbers were obtained from the relaxed-filtered GBS-SNP data set 1 and 2, respectively.

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| --- | --- | --- | --- | --- | --- | --- |
|  | **North Dakota** | **Europe** | **New York – Farm 2** | **Hawaii** | **New York – Field 3** | **New York – Farm 1** |
| **Europe** | 0.20110.03760.03550.0355 |  |  |  |  |  |
| **New York – Farm 2** | 0.26050.07280.06970.0697 | 0.06740.03230.03170.0317 |  |  |  |  |
| **Hawaii** | 0.61960.16440.15410.1541 | 0.46260.15570.14970.1497 | 0.53770.16110.15550.1555 |  |  |  |
| **New York – Field 3** | 0.45080.12690.11340.1134 | 0.58280.14330.12900.1290 | 0.51320.14000.12610.1261 | 0.64610.13390.12210.1221 |  |  |
| **New York – Farm 1** | 0.37780.11810.10980.1098 | 0.48560.12750.11840.1184 | 0.46210.13740.12710.1271 | 0.62280.16130.15550.1555 | 0.22980.07340.07020.0702 |  |
| **New York – Field 5** | 0.46000.12900.11420.1142 | 0.56840.15030.13330.1333 | 0.49050.15280.136930.13693 | 0.63210.14270.12830.1283 | 0.06440.03670.03330.0333 | 0.20160.10780.10460.1046 |