

Gonzalez-Segovia et al. Supplemental Materials

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Table S10. Genome sequence data generated in this study

Identifier	Accession	Elevation (m)	Source	Coverage	Filtered SNPs
PT1	MEXI5	2,597	CIMMyT	41x	63,802,556
PT2	MEXI5	2,597	CIMMyT	42x	64,028,598
MM1	TC313	2,271	Carrera	70x	66,586,613

Table S11. Introgression events larger than 1 Mb identified from the top 10% outliers

Chromosome	Start (Mb)	End (Mb)	Size (Mb)	Gene count	RR (cM/Mb)
3	80.3	85.0	4.7	21	0.0
3	98.6	100.9	2.3	22	0.03
4	167.5	168.6	1.1	6	0.23
4	168.8	171.0	2.2	55	0.12
4	172.5	173.8	1.3	38	0.03
4	177.1	178.4	1.3	33	0.09
5	114.3	115.4	1.1	13	0.00
6	50.0	53.4	3.3	18	0.08
6	54.0	55.8	1.9	18	0.08

Table S12. Introgression events larger than 0.5 Mb located outside pericentromeric regions

chr	start	end	size	RR (cM/Mb)	RR NAM(cM/Mb)
1	178776090	179369070	592980	0.33	0.53
3	157784932	158395423	610491	0.58	0.81
4	8777068	9697246	920178	1.91	2.62
4	167471523	168578399	1106876	0.23	0.78
4	168782414	170998801	2216387	0.12	0.83
4	171586337	172138580	552243	0.05	1.08
4	172473846	173742820	1268974	0.03	1.2
4	173839003	174497224	658221	0.02	1.49
4	175801991	176531617	729626	0.04	1.61
4	177083713	178412600	1328887	0.09	1.53
4	178697931	179386468	688537	0.15	1.35

4	180085104	180656401	571297	0.23	1.22
4	180683844	181252546	568702	0.28	1.22
4	208214069	208771311	557242	0.02	0.16

Table S13. Contingency table for 21, 029 genes with Fst estimates

	In introgression	Not in introgression
Sig Fst	62	574
Non sig Fst	347	20, 046

Table S14. Contingency table for 18, 855 genes with Fst estimates outside chr 4

	In introgression	Not in introgression
Sig Fst	28	311
Non sig Fst	383	18, 133

Table S15. Contingency table for genes with fixed high effect SNPs

	In introgression	Not in introgression
High effects	40	422
Other SNPs	1, 340	37, 503

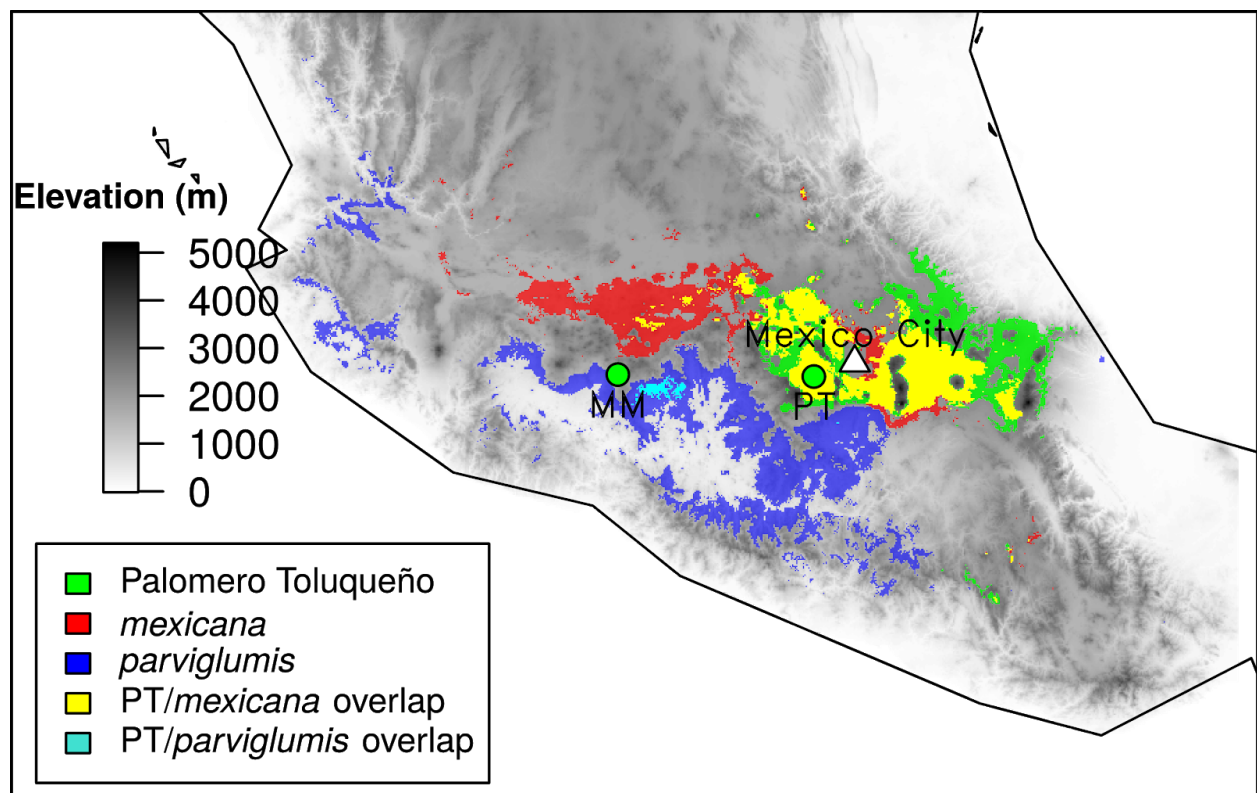
Table S16. Contingency table for genes with fixed moderate effect SNPs

	In introgression	Not in introgression
Moderate effects	502	7, 528
Other SNPs	878	30, 397

Supplemental Figures

Figure S1. Mexican highland maize is cultivated sympatrically with teosinte *mexicana*.

Ecological niche suitability map for teosintes *mexicana* and *parviglumis*, and the highland maize landrace Palomero Toluqueño. Regions of distribution overlap between Palomero Toluqueño and *mexicana* or *parviglumis* are indicated in yellow and light blue, respectively. The collection locations of the highland accessions PT and MM are shown. Mexico City is marked for reference.



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