

**Table S4** Location of the 33 *parviglumis* study populations with mean per-SNP values of summary statistics

Population	State/	Latitude	Longitude	Altit-	N	F	HWE_			Fay/	
	Province			ude			P-value	$\theta_H$	$\pi$	TajD	Wu H
Crustel	Guererro	18.383	-100.145	985	22	0.84	0.48	0.32	0.26	1.31	-0.06
Amates 1	Guererro	18.388	-100.128	1110	25	0.74	0.47	0.31	0.28	1.36	-0.03
Amates 2	Guererro	18.394	-100.108	1210	24	0.75	0.39	0.30	0.28	1.31	-0.02
Iguala	Guererro	18.414	-99.909	1506	28	0.36	0.96	0.31	0.28	1.51	-0.03
Rincon	Guererro	18.350	-99.841	1624	28	0.30	0.20	0.31	0.27	1.68	-0.04
Ahuacatitlan	Guererro	18.356	-99.814	1528	19	0.18	0.59	0.29	0.27	1.43	-0.02
Huetamo 1	Michoacan	19.063	-101.283	832	25	0.58	0.63	0.31	0.25	1.28	-0.06
Puerto 1	Michoacan	18.963	-101.058	870	20	0.53	0.66	0.32	0.26	1.26	-0.06
Zapote	Michoacan	18.938	-101.048	915	24	0.38	0.59	0.31	0.26	1.33	-0.05
Puerto 2	Michoacan	18.916	-101.000	727	20	0.56	0.58	0.31	0.24	1.12	-0.07
Huetamo 2	Michoacan	18.900	-100.979	677	20	0.60	0.46	0.30	0.25	1.09	-0.05
Cuirindalillo	Michoacan	18.883	-100.957	697	21	0.40	0.69	0.31	0.25	1.03	-0.06
Crucero	Michoacan	18.794	-100.946	653	25	0.90	0.02	0.30	0.23	1.17	-0.07
Quenchendio	Michoacan	18.805	-100.946	635	26	0.88	0.51	0.31	0.25	1.09	-0.06
Potrero	Michoacan	18.820	-100.916	654	20	0.60	0.85	0.30	0.26	1.12	-0.04
Crucita	Michoacan	18.858	-100.857	609	29	0.78	0.56	0.31	0.25	1.25	-0.06
Guayabo	Michoacan	18.862	-100.844	555	27	0.61	0.12	0.31	0.25	1.23	-0.06
Toluca 1	Mexico	18.899	-100.181	1422	24	0.31	0.74	0.31	0.27	1.33	-0.04
Toluca 2	Mexico	18.895	-100.209	1355	23	0.50	0.86	0.31	0.28	1.22	-0.03
Toluca 3	Mexico	18.854	-100.239	1015	19	0.66	0.82	0.32	0.27	1.06	-0.05
Salitre-Monte	Mexico	18.842	-100.238	958	23	0.28	0.23	0.31	0.27	1.17	-0.04
Taretan	Michoacan	19.344	-101.944	1170	18	0.58	0.90	0.29	0.21	0.98	-0.08
Los Guajes	Michoacan	19.231	-100.491	985	27	0.76	0.65	0.31	0.27	1.36	-0.04
Norte	Michoacan	19.281	-100.434	1332	27	0.50	0.85	0.30	0.27	1.33	-0.03
Zuluapan 1	Mexico	19.148	-100.355	1178	28	0.53	0.46	0.31	0.28	1.33	-0.03
Zuluapan 2	Mexico	19.146	-100.329	1346	30	0.52	0.73	0.31	0.27	1.30	-0.04
Zacazonapan 1	Mexico	19.079	-100.266	1468	28	0.27	0.99	0.30	0.26	1.33	-0.04
Zacazonapan 2	Mexico	19.039	-100.295	1085	28	0.70	0.71	0.32	0.27	1.38	-0.05
El Puente	Mexico	19.029	-100.296	1075	24	0.67	0.76	0.31	0.27	1.30	-0.04
Queretanillo	Michoacan	19.551	-100.918	1342	28	0.41	0.32	0.32	0.26	1.33	-0.06
Temascal 1	Michoacan	19.483	-100.921	1100	28	0.36	0.80	0.32	0.27	1.33	-0.05
Temascal 2	Michoacan	19.464	-100.912	1030	19	0.55	0.27	0.31	0.27	1.18	-0.04
Casa Blanca	Michoacan	19.161	-101.329	1268	26	0.33	0.00	0.33	0.26	1.40	-0.07

N: sample size; F: frequency of *Inv1n-l*.