Table S6.

f3 admixture tests calculated using ADMIXTOOLS 2. (A) Targeted f3 tests focusing on Shiga and Kyushu as potential admixed target groups. (B) Complete qp3pop output. In f3(Target; Source 1, Source 2), a significantly negative f3 value would support an admixed origin of the target group. No significantly negative f3 values were detected. Rows in which the target group is repeated as one of the source groups, or in which the same source group is used twice, are shown only as part of the complete qp3pop output and were not interpreted as admixture tests. KansaiChugoku corresponds to Kansai–Chugoku.

(A)

Target group (pop1)	Source group 1 (pop2)	Source group 2 (pop3)	f3 estimate	SE	*Z* -score	*p* -value	Supports admixture?	Notes
Shiga	Tokai	KansaiChugoku	0.01007	0.00277	3.632	2.81×10^{-4}	No	Positive f3; admixture not supported under the f3 criterion.
Shiga	Tokai	Hokuriku	0.01531	0.00299	5.115	3.15×10^{-7}	No	Positive f3; admixture not supported under the f3 criterion.
Shiga	Hokuriku	KansaiChugoku	0.01276	0.00228	5.606	2.07×10^{-8}	No	Positive f3; admixture not supported under the f3 criterion.
Shiga	Tokai	Kyushu	0.01332	0.00255	5.221	1.78×10^{-7}	No	Positive f3; admixture not supported under the f3 criterion.
Shiga	KansaiChugoku	Kyushu	0.01255	0.00235	5.349	8.84×10^{-8}	No	Positive f3; admixture not supported under the f3 criterion.
Shiga	Hokuriku	Kyushu	0.1023	0.00773	13.24	5.12×10^{-40}	No	Positive f3; admixture not supported under the f3 criterion.
Kyushu	Hokuriku	Shiga	0.008982	0.00264	3.397	6.81×10^{-4}	No	Positive f3; admixture not supported under the f3 criterion.
Kyushu	Hokuriku	KansaiChugoku	0.009191	0.00268	3.43	6.03×10^{-4}	No	Positive f3; admixture not supported under the f3 criterion.
Kyushu	Tokai	Hokuriku	0.01097	0.00312	3.52	4.32×10^{-4}	No	Positive f3; admixture not supported under the f3 criterion.
Kyushu	Tokai	KansaiChugoku	0.09552	0.00756	12.64	1.34×10^{-36}	No	Positive f3; admixture not supported under the f3 criterion.

(B)

Target group (pop1)	Source group 1 (pop2)	Source group 2 (pop3)	f3 estimate	SE	*Z* -score	*p* -value	Supports admixture?	Notes
Kyushu	Hokuriku	Hokuriku	0.0357	0.00504	7.083	1.41×10^{-12}	No	Positive f3; no evidence of target admixture.
Kyushu	Hokuriku	KansaiChugoku	0.009191	0.00268	3.43	6.03×10^{-4}	No	Positive f3; no evidence of target admixture.
Kyushu	Hokuriku	Kyushu	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.
Kyushu	Hokuriku	Shiga	0.008982	0.00264	3.397	6.81×10^{-4}	No	Positive f3; no evidence of target admixture.
Kyushu	KansaiChugoku	Hokuriku	0.009191	0.00268	3.43	6.03×10^{-4}	No	Positive f3; no evidence of target admixture.
Kyushu	KansaiChugoku	KansaiChugoku	0.1061	0.00767	13.83	1.57×10^{-43}	No	Positive f3; no evidence of target admixture.
Kyushu	KansaiChugoku	Kyushu	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.
Kyushu	KansaiChugoku	Shiga	0.09877	0.00762	12.96	1.94×10^{-38}	No	Positive f3; no evidence of target admixture.
Kyushu	Tokai	Hokuriku	0.01097	0.00312	3.52	4.32×10^{-4}	No	Positive f3; no evidence of target admixture.
Kyushu	Tokai	KansaiChugoku	0.09552	0.00756	12.64	1.34×10^{-36}	No	Positive f3; no evidence of target admixture.
Kyushu	Tokai	Kyushu	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.
Kyushu	Tokai	Shiga	0.098	0.0076	12.89	5.05×10^{-38}	No	Positive f3; no evidence of target admixture.
Shiga	Hokuriku	Hokuriku	0.1291	0.00781	16.53	2.19×10^{-61}	No	Positive f3; no evidence of target admixture.
Shiga	Hokuriku	KansaiChugoku	0.01276	0.00228	5.606	2.07×10^{-8}	No	Positive f3; no evidence of target admixture.
Shiga	Hokuriku	Kyushu	0.1023	0.00773	13.24	5.12×10^{-40}	No	Positive f3; no evidence of target admixture.
Shiga	Hokuriku	Shiga	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.
Shiga	KansaiChugoku	Hokuriku	0.01276	0.00228	5.606	2.07×10^{-8}	No	Positive f3; no evidence of target admixture.
Shiga	KansaiChugoku	KansaiChugoku	0.01987	0.00293	6.773	1.26×10^{-11}	No	Positive f3; no evidence of target admixture.
Shiga	KansaiChugoku	Kyushu	0.01255	0.00235	5.349	8.84×10^{-8}	No	Positive f3; no evidence of target admixture.
Shiga	KansaiChugoku	Shiga	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.
Shiga	Tokai	Hokuriku	0.01531	0.00299	5.115	3.15×10^{-7}	No	Positive f3; no evidence of target admixture.
Shiga	Tokai	KansaiChugoku	0.01007	0.00277	3.632	2.81×10^{-4}	No	Positive f3; no evidence of target admixture.
Shiga	Tokai	Kyushu	0.01332	0.00255	5.221	1.78×10^{-7}	No	Positive f3; no evidence of target admixture.
Shiga	Tokai	Shiga	0	0			Not interpretable	Target is repeated as one source; not used as an admixture test.