

Supplementary Information, Table S3 Candidate admixed populations revealed by the F4 test.

Step	Top admixed population	# of supporting combinations* (Z score ≥ 3 or ≤ -3)
1	Northern Chinese indigenous dogs	579
2	African village dogs	427
3	AFG (<u>Afghan</u>)	306
4	SLO (<u>Sloughi</u>)	183
5	ALM (<u>Alaskan Malamute</u>)	136
6	SAM (<u>Samoyed</u>)	103
7	ESL (<u>East Siberian Laika</u>)	68
8	SIH (<u>Siberian Husky</u>)	31
9	GRD (<u>Greenland dog</u>)	10

* after removing combinations involving populations from previous steps.