**Table S1** Genetic diversity parameters in *Ziziphus jujube* cultivars based on SCoT marker.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| POP | Na | Ne | I | He | uHe | %P |
| POP 1 | 0.385 | 1.018 | 0.013 | 0.009 | 0.011 | 1.92% |
| POP 2 | 0.750 | 1.114 | 0.106 | 0.069 | 0.077 | 21.15% |
| POP 3 | 0.404 | 1.018 | 0.013 | 0.009 | 0.011 | 1.92% |
| POP 4 | 0.692 | 1.079 | 0.091 | 0.056 | 0.064 | 21.15% |
| POP 5 | 0.692 | 1.141 | 0.120 | 0.082 | 0.098 | 21.15% |
| POP 6 | 0.423 | 1.027 | 0.023 | 0.016 | 0.018 | 3.85% |
| POP 7 | 0.692 | 1.153 | 0.134 | 0.089 | 0.102 | 25.00% |
| POP 8 | 0.385 | 1.083 | 0.061 | 0.043 | 0.049 | 9.62% |
| POP 9 | 0.558 | 1.132 | 0.119 | 0.079 | 0.088 | 23.08% |
| POP 10 | 0.442 | 1.050 | 0.048 | 0.031 | 0.035 | 9.62% |

b Na: No. of alleles.

c Ne: Effective No. of alleles.

d He: Gene diversity.

e UHe: Unbiased gene diversity.

f %P: Polymorphism percentage.

**Table S2** Genetic diversity parameters in *Ziziphus jujube* cultivars based on REMAP marker.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| POP | Na | Ne | I | He | uHe | %P |
| POP 1 | 0.364 | 1.000 | 0.000 | 0.000 | 0.000 | 0.00% |
| POP 2 | 0.485 | 1.026 | 0.020 | 0.014 | 0.016 | 3.03% |
| POP 3 | 0.485 | 1.026 | 0.029 | 0.018 | 0.022 | 6.06% |
| POP 4 | 0.455 | 1.021 | 0.018 | 0.013 | 0.014 | 3.03% |
| POP 5 | 0.333 | 1.000 | 0.000 | 0.000 | 0.000 | 0.00% |
| POP 6 | 0.333 | 1.000 | 0.000 | 0.000 | 0.000 | 0.00% |
| POP 7 | 0.485 | 1.049 | 0.045 | 0.029 | 0.033 | 9.09% |
| POP 8 | 0.394 | 1.000 | 0.000 | 0.000 | 0.000 | 0.00% |
| POP 9 | 0.455 | 1.030 | 0.021 | 0.015 | 0.017 | 3.03% |
| POP 10 | 0.182 | 1.000 | 0.000 | 0.000 | 0.000 | 0.00% |

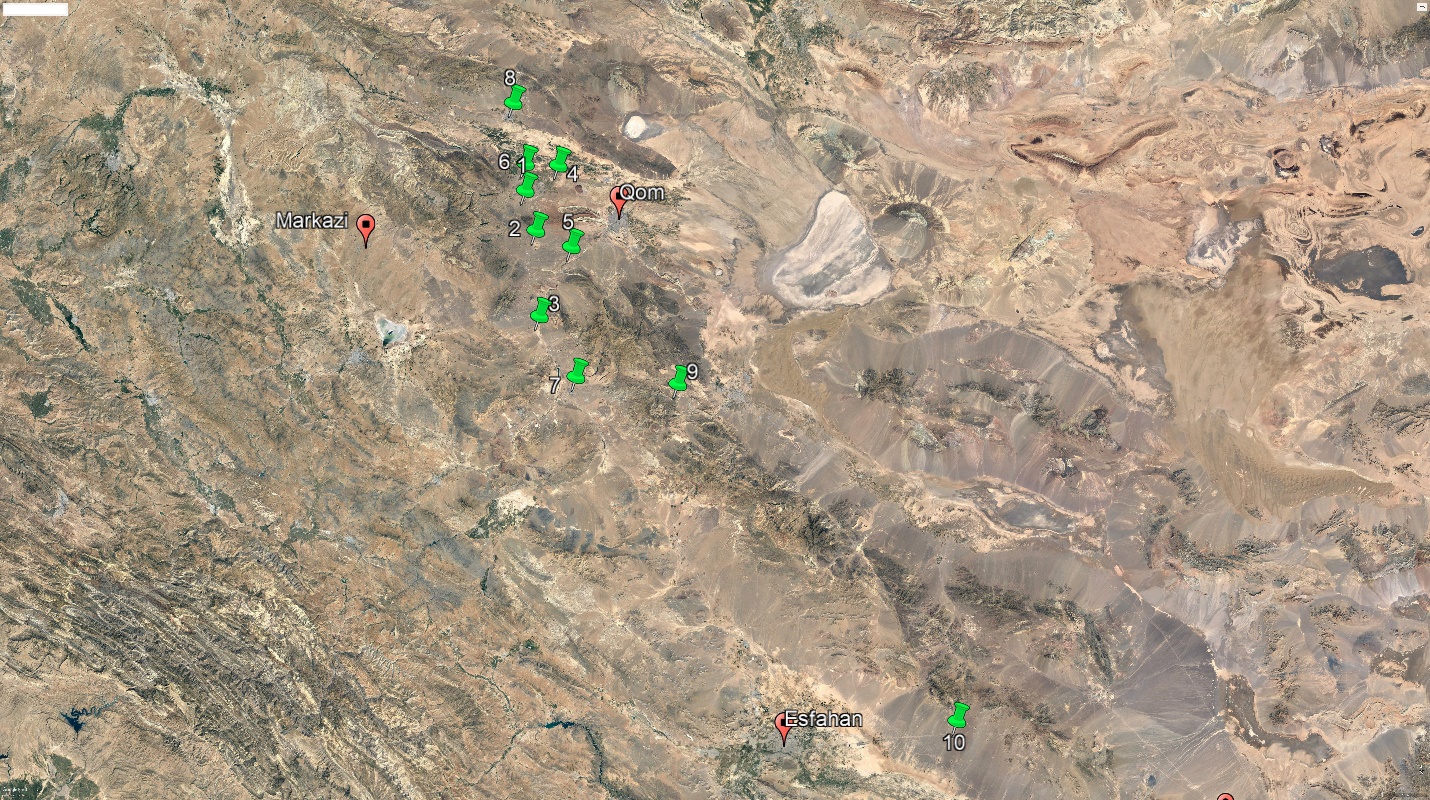
b Na: No. of alleles.

c Ne: Effective No. of alleles.

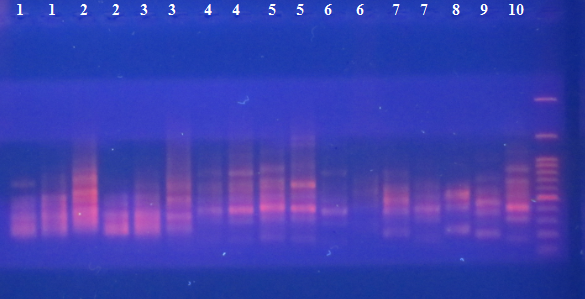
d He: Gene diversity.

e UHe: Unbiased gene diversity.

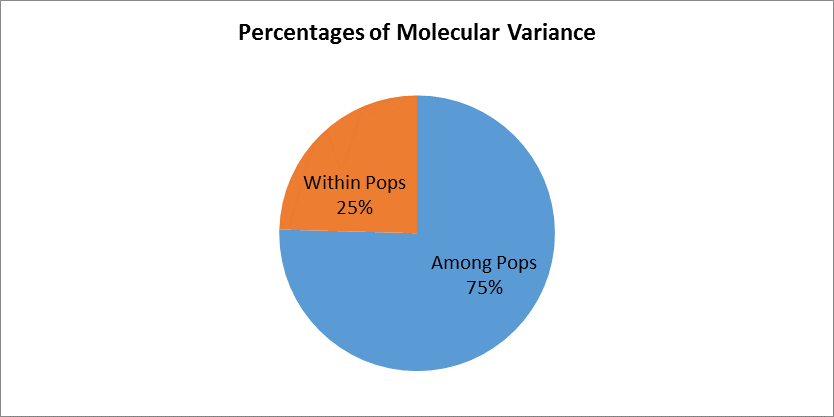
f %P: Polymorphism percentage.



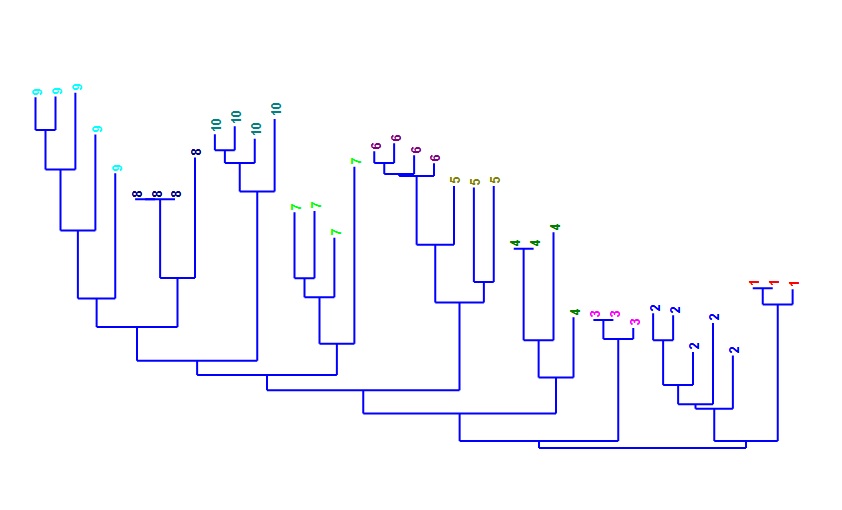
**Fig. S1.** Details of the studied populations in *Ziziphus jujube.*



**Fig. S2.** Pattern of amplified DNA fragments with Scot2 primer.



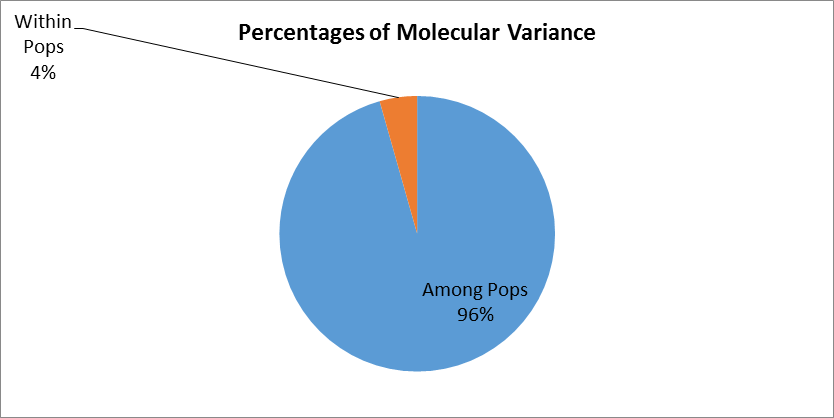
**Fig. S3.** AMOVA test based on SCoT marker.



**Fig. S4.** NJ plot of SCoT marker in *Ziziphus jujube.*

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**Fig. S5.** Pattern of amplified DNA fragments with REMAP primer.



**Fig. S6.** AMOVA test based on REMAP marker.