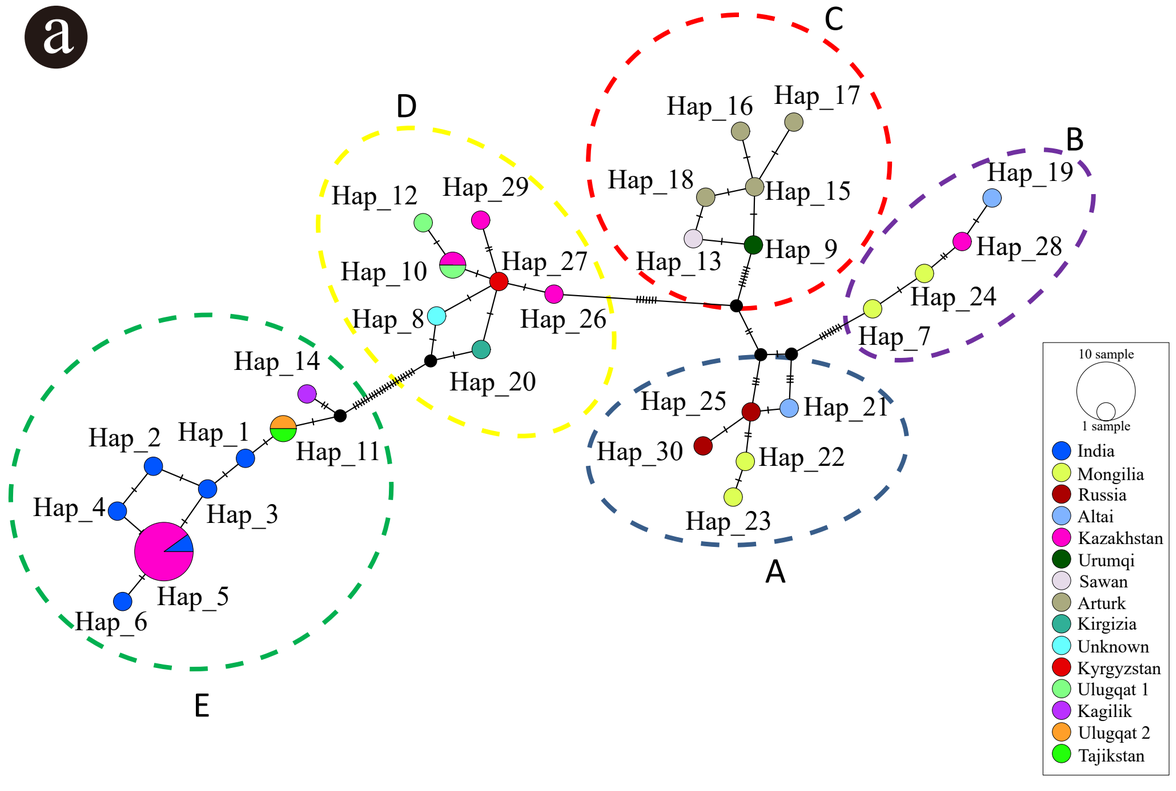
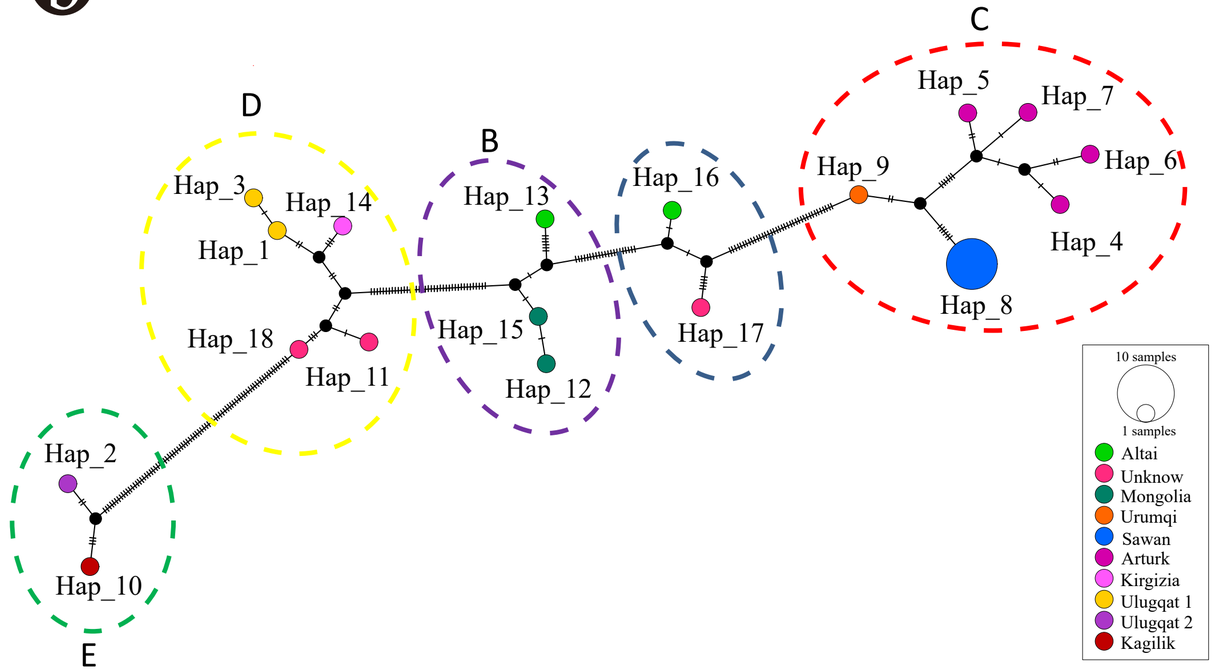
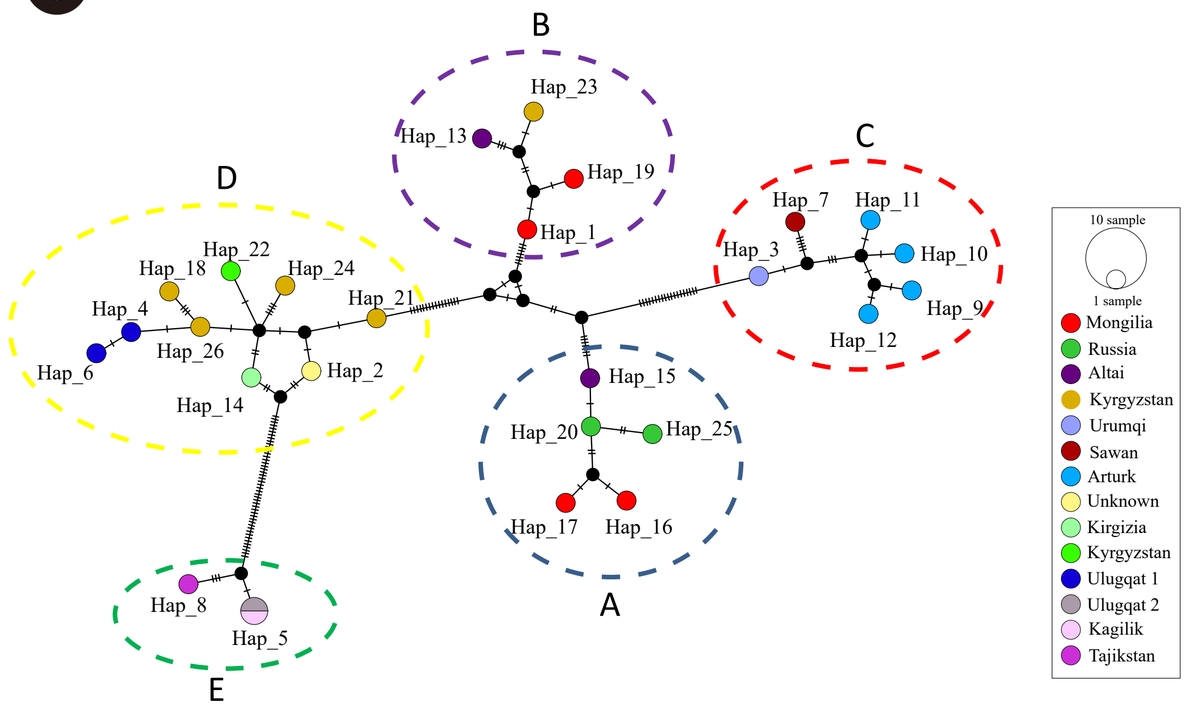
a


C
D
B
A
E
Hap_16
Hap_17
Hap_18
Hap_15
Hap_13
Hap_9
Hap_19
Hap_28
Hap_24
Hap_7
Hap_12
Hap_29
Hap_10
Hap_27
Hap_8
Hap_26
Hap_20
Hap_14
Hap_25
Hap_21
Hap_30
Hap_22
Hap_23
Hap_2
Hap_1
Hap_11
Hap_4
Hap_3
Hap_5
Hap_6
10 sample
1 sample
India
Mongilia
Russia
Altai
Kazakhstan
Urumqi
Sawan
Arturk
Kirgizia
Unknown
Kyrgyzstan
Ulugqat 1
Kagilik
Ulugqat 2
Tajikstan

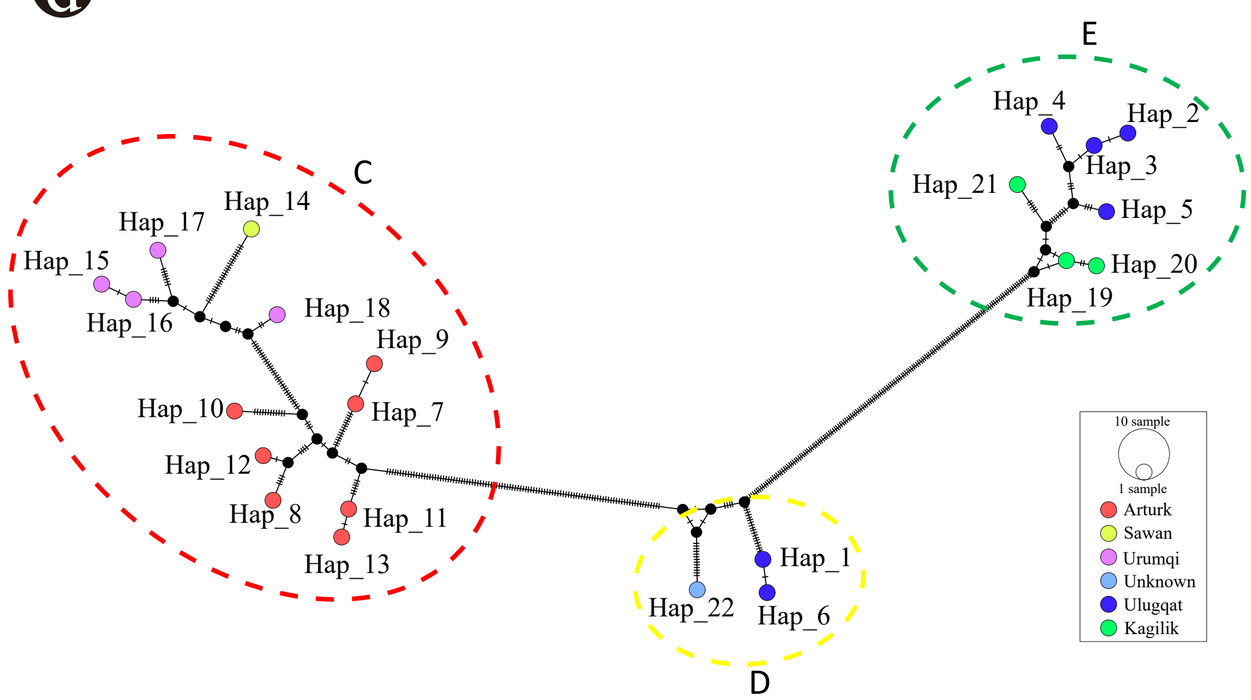
b


D
B
C
E
Hap_3
Hap_14
Hap_1
Hap_18
Hap_11
Hap_13
Hap_15
Hap_12
Hap_16
Hap_17
Hap_5
Hap_7
Hap_9
Hap_6
Hap_4
Hap_8
Hap_2
Hap_10
10 samples
1 samples
Altai
Unknow
Mongolia
Urumqi
Sawan
Arturk
Kirgizia
Ulugqat 1
Ulugqat 2
Kagilik

c


B
C
D
A
E
Hap_23
Hap_13
Hap_19
Hap_1
Hap_7
Hap_11
Hap_3
Hap_10
Hap_9
Hap_12
Hap_22
Hap_18
Hap_24
Hap_4
Hap_21
Hap_26
Hap_6
Hap_2
Hap_14
Hap_15
Hap_20
Hap_25
Hap_17
Hap_16
Hap_8
Hap_5
10 sample
1 sample
Mongilia
Russia
Altai
Kyrgyzstan
Urumqi
Sawan
Arturk
Unknown
Kirgizia
Kyrgyzstan
Ulugqat 1
Ulugqat 2
Kagilik
Tajikstan

d


C
E
D
Hap_14
Hap_17
Hap_15
Hap_16
Hap_18
Hap_9
Hap_10
Hap_7
Hap_12
Hap_8
Hap_11
Hap_13
Hap_4
Hap_2
Hap_3
Hap_21
Hap_5
Hap_20
Hap_19
Hap_1
Hap_22
Hap_6
10 sample
1 sample
Arturk
Sawan
Urumqi
Unknown
Ulugqat
Kagilik