

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Positively selected genes identified in different species and lineages using phylogeny including plateau zokor and bamboo rat.

File Name: Supplementary Data 2

Description: Positively selected genes identified in different species and lineages using phylogeny without plateau zokor and bamboo rat.

File Name: Supplementary Data 3

Description: ECM-related GO terms enriched by the higher expressed genes in subterranean skin and lung.