A Big Earth Data Platform for Three Poles

**Phenotypic data of main domestic animals (2021)**

1、Description

In order to describe the distribution pattern of genetic diversity of main domesticated animals in the Qinghai Tibet Plateau and its surrounding areas, clarify their related genetic background, and establish the corresponding genetic resource bank. In 2021, we collected a total of 267 samples of blood, heart, liver, spleen, lung, kidney, muscle, fat, large intestine, small intestine, stomach and testis of large forehead cattle (Dulong cattle) in Yunnan Province. This data set contains basic sample information such as sample species, species, detailed sampling place, gender, sample type, collection time, collector and storage method, as well as individual photos. The solid samples are stored in the wildlife germplasm resource bank and Animal Germplasm Resource Bank in Southwest China.

2、Keywords

Theme：Biological Resources,Domestic animal,Others  
Discipline：Others,Human-nature Relationship  
Places：Yunnan  
Time：2021

3、Data details

1.Scale：None

2.Projection：None

3.Filesize：111.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：43.3 | - |
| west：89.53 | - | east：104.22 |
| - | south：31.34 | - |

5、Time frame:2020-12-31 16:00:00+00:00--2021-12-30 16:00:00+00:00

6、Reference method

References to data:

LI Yan. Phenotypic data of main domestic animals (2021). A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2719752022

References to articles:

7、Supporting project information

Pan-Third Pole Environment Study for a Green Silk Road-A CAS Strategic Priority A Program  
Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

name: LI Yan  
unit: Yunnan University  
email: liyan0910@ynu.edu.cn