

PERMANOVA, P=0.085

PCoA2(10.79%)

0.10

0.05

0.00

-0.05

-0.10

-0.3

-0.2

-0.1

0.0

0.1

0.2

PCoA1(70.09%)

● Golden Retriever ▲ Chinese Pastoral Dog ■ Kunming Dog + German shepherds

Sample21

Sample17

Sample22

Sample16

Sample12

Sample14

Sample6

Sample15

Sample1

Sample23

Sample5

Sample3

Sample2

Sample20

Sample7

Sample4

Sample11

Sample10

Sample24

Sample8

Sample9

Sample13

Sample18



Golden Retriever



Chinese Pastoral Dog



Kunming Dog



German shepherds