**S1 Table. Dogs used as tissue donors for the experiments.** Dogs used as skin tissue donors for the experiments, including breed, sex and age, are listed.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Dog number | Breed | Age | Gender | Tissue for RNAseq |
| 1 | Labrador retriever | 10 years | fs | epidermis, hair follicles (anagen) |
| 2 | Labrador mix | 14 years | fs | epidermis, hair follicles (telogen) |
| 3 | Mixed breed | 11 years | fs | epidermis, hair follicles (telogen) |
| 4 | Australian shepherd | 10 years | fs | epidermis, hair follicles (anagen + telogen) |
| 5 | Mixed breed | 9 years | fs | epidermis, hair follicles (telogen) |
| 6 | Great Dane | 4 years | fs | epidermis, hair follicles (anagen) |
| 7 | Chihuahua | 7 months | m | epidermis |
| 8 | Labrador retriever | 15 years | fs | hair follicles (anagen + telogen) |