### Supplemental Table 1. Individual information of dogs with hemangioma.

| Number | Bleed                  | Age | Sex            |
|--------|------------------------|-----|----------------|
| 1      | Wire Fox Terrier       | 7   | 10 Male, castrated |
| 2      | Golden Retriever       | 4   | 0  Male, castrated |
| 3      | Miniature Dachshund    | 14  | 0  Male, castrated |
| 4      | Shiba Inu              | 13  | 1  Male          |
| 5      | Golden Retriever       | 7   | 4  Female, spayed |
| 6      | Border Collie          | 9   | 3  Female        |
| 7      | Golden Retriever       | 4   | 1  Female        |
| 8      | Miniature Dachshund    | 13  | 7  Female        |
| 9      | Golden Retriever       | 8   | 0  Female, spayed |
| 10     | Shih Tzu               | 9   | 0  Male, castrated |
| 11     | Toy Poodle             | 4   | 3  Male, castrated |
| 12     | German Shepherd Dog    | 8   | 2  Male, castrated |
| 13     | Miniature Dachshund    | 16  | 3  Female, spayed |
| 14     | Beagle                 | 13  | 0  Female, spayed |
| 15     | Golden Retriever       | 9   | 0  Female, spayed |
| 16     | Mix                    | 12  | 0  Female, spayed |
| 17     | Toy Poodle             | 13  | 6  Female, spayed |
| 18     | German Shepherd Dog    | 9   | 4  Female        |
| 19     | French Bulldog         | 7   | 8  Male, castrated |
| 20     | Miniature Schnauzer    | 7   | 8  Female, spayed |
| 21     | Spitz                  | 13  | 0  Male, castrated |
| 22     | Golden Retriever       | 3   | 9  Female, spayed |
| 23     | Pembroke Welsh Corgi   | 14  | 0  Male, castrated |
| 24     | French Bulldog         | 7   | 0  Female        |
| 25     | Pembroke Welsh Corgi   | 13  | 0  Female        |
| 26     | Toy Poodle             | ND  | ND Female, spayed |

ND, no data
| Number | Breed                       | Age year | Age month | Sex      | Primary site | Histopathological subtype |
|--------|-----------------------------|----------|-----------|----------|--------------|---------------------------|
| 1      | German Shepherd Dog         | 6        | 0         | Female   | Spleen       | Conventional              |
| 2      | Labrador Retriever          | 12       | 0         | Female   | Spleen       | Conventional              |
| 3      | Miniature Dachshund         | 11       | 2         | Female, spayed | Spleen     | Epithelioid               |
| 4      | Golden Retriever            | 9        | 4         | Female, spayed | Spleen     | Kaposiform                |
| 5      | Pembroke Welsh Corgi        | 13       | 0         | Female, spayed | Spleen     | Epithelioid               |
| 6      | Mix                         | 11       | 7         | Male     | Spleen       | Conventional              |
| 7      | Chihuahua                   | 13       | 6         | Male     | Spleen       | Kaposiform                |
| 8      | Golden Retriever            | 9        | 10        | Male, castrated | Spleen     | Conventional              |
| 9      | French Bulldog              | 13       | 8         | Male     | Spleen       | Conventional              |
| 10     | Miniature Dachshund         | 14       | 3         | Female, spayed | Spleen     | Epithelioid               |
| 11     | Labrador Retriever          | 9        | 0         | Male, castrated | Spleen     | Epithelioid               |
| 12     | Toy Poodle                  | 13       | 0         | Male, castrated | Spleen     | Conventional              |
| 13     | Miniature Dachshund         | 13       | 0         | Female, spayed | Spleen     | Kaposiform                |
| 14     | Miniature Dachshund         | 10       | 0         | Female, spayed | Spleen     | Conventional              |
| 15     | Miniature Schnauzer         | 11       | 3         | Female, spayed | Spleen     | Kaposiform                |
| 16     | ND                          | 12       | 0         | Male     | Spleen       | Conventional              |
| 17     | Toy Poodle                  | 15       | 1         | Female, spayed | Spleen     | Conventional              |
| 18     | French Bulldog              | 13       | 8         | Male, castrated | Spleen     | Conventional              |
| 19     | Shetland Sheepdog           | 10       | 2         | Male     | Spleen       | Conventional              |
| 20     | Toy Poodle                  | 8        | 7         | Male, castrated | Spleen     | Conventional              |
| 21     | Miniature Dachshund         | 14       | 3         | Male     | Spleen       | Conventional              |
| 22     | Golden Retriever            | 11       | 0         | Male     | Spleen       | Kaposiform                |
| 23     | Miniature Dachshund         | 12       | 0         | Female, spayed | Spleen     | Conventional              |
| 24     | Toy Poodle                  | 12       | 0         | Male, castrated | Spleen     | Conventional              |
| 25     | Border Collie               | 12       | 0         | Female, spayed | Spleen     | Kaposiform                |
| 26     | Border Collie               | 10       | 10        | Male, castrated | Spleen     | Conventional              |
| 27     | Golden Retriever            | 12       | 6         | Male, castrated | Spleen     | Conventional              |
| 28     | Italian Greyhound           | 13       | 5         | Female, spayed | Skin       | Epithelioid               |
| 29     | Shiba Inu                   | 14       | 7         | Male     | Skin         | Conventional              |
| 30     | Miniature Dachshund         | 17       | 0         | Male     | Skin         | Conventional              |
| 31     | Labrador Retriever          | 9        | 10        | Female, spayed | Skin       | Conventional              |
| 32     | Jack Russell Terrier        | 10       | 1         | Male     | Skin         | Epithelioid               |
| 33     | Miniature Dachshund         | 8        | 0         | Female, spayed | Skin       | Epithelioid               |
| 34     | Pug                         | 7        | 6         | Male     | Skin         | Conventional              |
| 35     | Toy Poodle                  | 9        | 0         | Male, castrated | Skin       | Epithelioid               |
| 36     | Mix                         | 12       | 7         | Male     | Skin         | Conventional              |
| 37     | Bernese Mountain Dog        | 9        | 7         | ND       | Skin         | Conventional              |
| 38     | ND                          | 12       | 11        | Male     | Skin         | Conventional              |
| 39     | ND                          | 14       | 11        | ND       | Skin         | Epithelioid               |
| 40     | Pembroke Welsh Corgi        | 12       | 5         | Male, castrated | Skin       | Conventional              |
| 41     | Miniature Dachshund         | 13       | 0         | Male     | Skin         | Conventional              |
| 42     | Wire Fox Terrier            | 10       | 0         | Female   | Skin         | Kaposiform                |
| 43     | Golden Retriever            | 15       | 3         | Female, spayed | Skin       | Conventional              |
| 44     | Whippet                     | 9        | 0         | Male, castrated | Skin       | Conventional              |
| 45     | Shih Tzu                    | 9        | 0         | ND       | Skin         | Conventional              |
| 46     | Miniature Dachshund         | 14       | 3         | Male     | Skin         | Epithelioid               |
| 47     | French Bulldog              | 13       | 2         | Female   | Skin         | Conventional              |
| 48     | Labrador Retriever          | 11       | 8         | Female, spayed | Skin       | Epithelioid               |
| 49     | Yorkshire Terrier           | 13       | 9         | Female   | Skin         | Conventional              |
| 50     | Papillon                    | 13       | 5         | ND       | Skin         | Epithelioid               |
| 51     | Miniature Dachshund         | 13       | 2         | ND       | Skin         | Kaposiform                |
| 52     | French Bulldog              | 11       | 3         | Female, spayed | Skin       | Conventional              |
| 53     | Toy Poodle                  | 13       | 4         | Female   | Skin         | Epithelioid               |
| 54     | French Bulldog              | 9        | 0         | Female, spayed | Skin       | Epithelioid               |
| 55     | Miniature Dachshund         | 13       | 0         | Male, castrated | Kidney     | Kaposiform                |
| 56     | Miniature Dachshund         | 13       | 1         | Female   | Kidney       | Kaposiform                |
| 57     | Toy Poodle                  | 11       | 10        | Male     | Kidney       | Conventional              |
| 58     | Pembroke Welsh Corgi        | 12       | 6         | Female   | Kidney       | Conventional              |
| 59     | Labrador Retriever          | 12       | 7         | Male, castrated | Liver      | Epithelioid               |
| 60     | ND                          | 9        | 1         | Male     | Liver        | Conventional              |
| 61     | Labrador Retriever          | 10       | 0         | Male, castrated | Bone       | Conventional              |
| 62     | Mix                         | 11       | 10        | Male, castrated | Bone       | Conventional              |
| 63     | Mix                         | 9        | 10        | Male, castrated | Adrenal gland | Conventional              |
| 64     | Jack Russell Terrier        | 9        | 11        | Male     | Mesentery    | Epithelioid               |
| 65     | Flat-Coated Retriever       | 6        | 0         | Female   | Abdominal cavity | Conventional              |