| **Supplementary Table S1** | | |
| --- | --- | --- |
| *Complete Serum-Saliva Paired Samples Per Individual Puppy* | | |
| Subject Number | Sex | Number of Paired Samples |
| 5 | F | 3 |
| 6 | M | 1 |
| 8 | M | 1 |
| 9 | F | 1 |
| 19 | M | 10 |
| 20 | F | 8 |
| 21 | M | 8 |
| 26 | F | 2 |
| 27 | F | 6 |
| 30 | M | 6 |
| 37 | M | 21 |
| 40 | F | 18 |
| 41 | M | 5 |
| 45 | F | 2 |
| 46 | M | 12 |
| 48 | F | 6 |
| 51 | F | 10 |
| 52 | M | 9 |
| 54 | M | 19 |
| 56 | M | 6 |
| 58 | M | 18 |
| 62 | M | 6 |
| 67 | F | 5 |
| 71 | F | 5 |
| 75 | F | 4 |
| 78 | M | 6 |
| 80 | M | 4 |
| 90 | M | 4 |
| 91 | M | 3 |
| 92 | M | 2 |
| 93 | M | 2 |
| 95 | M | 1 |
| 98 | M | 2 |
| 100 | F | 2 |

| **Supplementary Table S2** | | | | |
| --- | --- | --- | --- | --- |
| *Adult Dog Cortisol Concentrations* | | | | |
| Subject Number | Age (years) | Breed | Mean Salivary Cortisol Concentration (ug/dL) | Serum Cortisol Concentration (ug/dL) |
| 1 | 2 | Labrador Retriever | 1.322 | 3.117071403 |
| 2 | 3 | Belgian Malinois | 0.153 | 0.579920261 |
| 3 | 3 | Great Pyrenees | 0.132 | 0.6886553099 |
| 4 | 12 | Golden Retriever mix | 1.005 | 2.392171076 |
| 5 | 3 | Golden Retriever | 0.437 | 1.304820587 |
| 6 | 15 | Labrador Retriever mix | 2.458 | 3.370786517 |
| 7 | 5 | Labrador Retriever | 1.618 | 1.014860457 |
| 8 | 8 | Pitbull mix | 0.407 | 4.42189199 |
| 9 | 1 | Unknown Mix | 0.848 | 3.660746647 |
| 10 | 6 | Golden Retriever | 0.821 | 3.008336354 |
| 11 | 5 | Unknown Mix | 0.271 | 4.204421892 |
| 12 | 8 | German Shepherd mix | 0.877 | 6.415367887 |
| 13 | 3 | Labrador Mix | 1.267 | 1.123595506 |
| 14 | 4 | Golden Retriever | 0.542 | 2.210945995 |
| 15 | 5 | Greyhound | 1.354 | 1.812250816 |
| 16 | 3 | Coonhound | 8.846 | 7.75643349 |
| 17 | 5 | Labrador Retriever | 0.223 | 1.37731062 |
| 18 | 3 | Unknown Mix | 1.306 | 1.776005799 |
| 19 | 5 | Norwegian Elkhound | 1.932 | 1.631025734 |
| 20 | 8 | Greyhound | 0.401 | 1.66727075 |
| 21 | 3 | Labradoodle mix | 0.254 | 1.739760783 |
| 22 | 2 | Goldendoodle | 0.562 | 3.262051468 |
| 23 | 5 | Great Pyrenees | 1.08 | 1.014860457 |
| 24 | 10 | Norwegian elkhound | 4.964 | 0.6524102936 |
| 25 | 7 | Basset Hound | 0.889 | 2.210945995 |
| 26 | 12 | Newfoundland mix | 7.647 | 4.458137006 |
| 27 | 2 | German Shepherd | 2.555 | 0.6886553099 |
| 28 | 5 | Labrador Retriever | 1.03 | 1.848495832 |
| 29 | 4 | Goldendoodle | 0.532 | 1.413555636 |
| 30 | 5 | Great Pyrenees | 0.185 | 5.038057267 |
| 31 | 7 | Australian Shepherd | 0.419 | 2.210945995 |
| 32 | 1 | Old English Sheepdog | 0.848 | 2.06596593 |
| 33 | 3 | Labrador Retriever | 0.2 | 1.66727075 |
| 34 | 3 | Wooly Siberian Husky | 3.482 | 2.319681044 |
| 35 | 9 | Labrador Retriever mix | 0.438 | 3.334541501 |
| 36 | 3 | Golden Retriever | 1.536 | 2.464661109 |
| 37 | 2 | Great Pyreneses | 0.91 | 0.6886553099 |
| 38 | 11 | Golden Retriever | 2.112 | 2.573396158 |