

ATTACHMENT

Sarangi & Ruby: Comparison of 2 Telomere Tests

Two rounds of PetAge360 analysis reports for senior dogs Sarangi (12 years) and Ruby (14 years) (Jul. & Oct. 2026, requested by Maru Animal Hospital)

2.80 → 3.20 Sarangi telomere kb · about 14% increase	1.20 → 2.50 Ruby telomere kb · about 2.1×	84 days Test interval (7.20 → 10.12)	Both dogs Longer at the 2nd test
--	---	--	--

Subject	Sarangi · Dog · Female · 12 years old / Ruby · Dog · Female · 14 years old (as stated in the reports)
Test	PetAge360 telomere analysis (oral swab collection, RQ-PCR) · Requested by Maru Animal Hospital
Test date	1st: July 20, 2026 · 2nd: October 12, 2026 (84 days apart)

01 Comparison of the two test results



Dog	Age	1st (2026.07.20)	2nd (2026.10.12)	Change
Sarangi	12 years	2.80 kb	3.20 kb	+0.40 kb (about 14% increase)
Ruby	14 years	1.20 kb	2.50 kb	+1.30 kb (about 108% increase)

Notes on the data

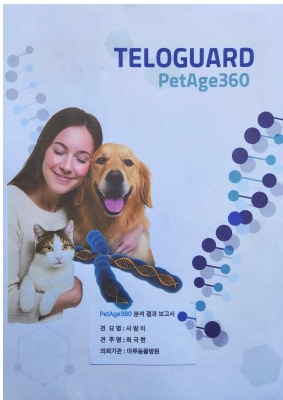
- Figures are transcribed exactly as printed in the four reports.
- Grade ranges in the reports (against the same weight and age group): Very short below 3.80 · Short 3.81~5.00 · Normal 5.01~5.40 · Long 5.41~6.50 · Very long 6.51 or above.
- Both dogs' telomeres lengthened, but the 2nd-test grade is still “Very short”.

02 3 Maru Animal Hospital Telomere Retests at a Glance

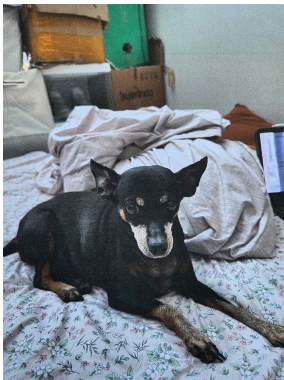
Dog	Age	1st → 2nd test date	Telomere (kb)	Change	Source
Pangi	11 years	2026.08.18 → 09.22	2.80 → 3.08	+0.28 (~10%)	Attachment 03
Sarangi	12 years	2026.07.20 → 10.12	2.80 → 3.20	+0.40 (~14%)	This document
Ruby	14 years	2026.07.20 → 10.12	1.20 → 2.50	+1.30 (~108%)	This document

All three dogs had the same PetAge360 test requested by Maru Animal Hospital, and all three showed longer telomeres at the 2nd test.

03 Dog photos and report covers



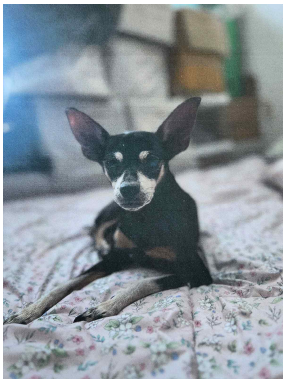
Sarangi · Report cover
Pet name: Sarangi · Requested by Maru Animal Hospital



Sarangi · Photo from report



Ruby · Report cover
Pet name: Ruby · Requested by Maru Animal Hospital



Ruby · Photo from report

04 Sarangi — Original reports (1st · 2nd)



1st report · 2026.07.20

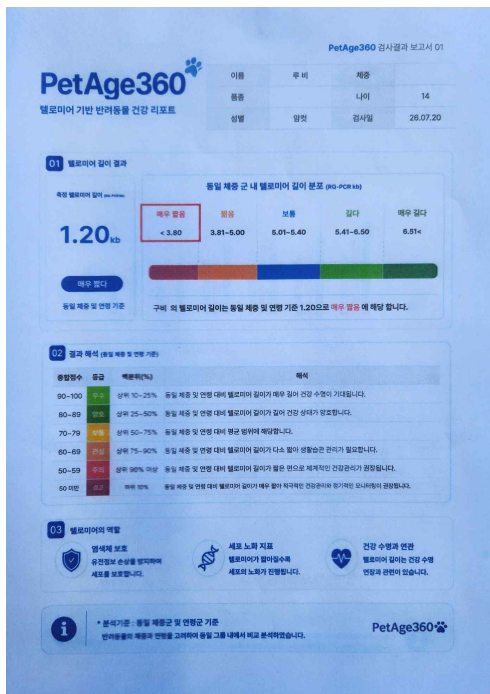
Measured telomere length 2.80 kb, grade "Very short"



2nd report · 2026.10.12

Measured telomere length 3.20 kb, grade "Very short"

05 Ruby — Original reports (1st · 2nd)



1st report · 2026.07.20

Measured telomere length 1.20 kb, grade "Very short"



2nd report · 2026.10.12

Measured telomere length 2.50 kb, grade "Very short"

06 Reference · Sarangi's 1st detailed report (2026.07.20)

The 1st test also came with a 17-page detailed report. Shown here are its overall results page and the overall findings printed in the report.



Overall 65 points (Caution) · Telomere 2.80 T/S · Biological age 13.5 years · Aging rate 1.13

Overall findings as printed in the report

- The overall health score is assessed at 65 points (Caution), and the current health status falls in the Caution stage.
- Telomere length is 2.80 against the same weight and age group, shorter than average, at a stage requiring management.
- Biological age is higher than actual age, and the aging rate of 1.13x is faster than average, so aging management is judged to be needed.
- It is recommended to slow the aging rate through a balanced diet, appropriate exercise and weight management, and to track changes with a retest after 6 months.