

DNA TEST CERTIFICATE

Certificate ID: S5K9-53DQ-7S2A-SU2U-X418
Sample ID: C01 3206

Sample received: 21.07.2022.
Date reported: 08.08.2022.

Animal

Yara Kimi Aka Czech Jakobin

Breed: SHIBA
Sex: female
Birth certificate no:
Tattoo number:
Microchip number: 963002000003189
Registration number:
Date of birth: 01.07.2021.

* Sample taken by the owner

Owner/Breeder

Anthony Marinov
Bartolići 31
Zagreb
Croatia
anthony.marinov@yahoo.com

Test: A Locus (Agouti)

Result: ay/at (tri-factored sable)

Results summary:

Gene	c.631 G>T, c.635 G>A, c.673 C>T	Inheritance	Zygoty	Detection method
ASIP	Detected	Autosomal recessive	Heterozygous	Sequencing

Interpretation:

Four mutations of ASIP gene present on A locus cause pigment type-switching. The agouti series contains four alleles: ay (sable), aw (agouti/wolf grey), at (black and tan), and a (recessive black). The ay/at dog has a tri-factored sable coat.



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Martina Tunjić

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Laboratory Manager