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**DNA Genotype - CERTIFICATE**  
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Name dog : Bavana`S Pride Hexia  
Registrationnumber : 201200573  
MicroChipnumber : 528210002749091  
Date of birth : 19-01-2012  
Gender : Female

Owner : Sophie & Mats Freier & Carlsson  
Address : Trälket 11  
Town : Töreboda  
Country : Sweden

B.I.G.S. results

<b>Genotype</b>	<b>Result</b>
<b>Morphology</b>	
Body mass, insulin-like growth factor 1 (IGF1) gene variant	G/G
Ear erectness (pricked ears versus floppy ears), variant chr10:11072007	C/T
Natural Bobtail (T-box mutation)	C/C
Snout/skull length (shortened head versus elongated head), bone morphogenetic protein 3 (BMP3) gene	C/C
Tiny size, insulin-like growth factor 1 receptor (IGF1R) gene variant	G/G
<b>Coat colour</b>	
Coat Furnishings (moustache and eyebrows) / Improper Coat in Portuguese Water Dogs, variant chr13	C/C
Coat Furnishings (moustache and eyebrows) / Improper Coat in Portuguese Water Dogs, variant chr13	G/G
Colour Locus A	ay/ay
Colour Locus A (ASIP gene): Black and Tan, Saddle-Tan (at allele)	T/T
Colour locus A (ASIP gene): fawn, sable (ay-allele)	T/T
Colour Locus B (Livernose DNA)	B/B    B/bd    bd/bd
Colour Locus B (TYRP1 gene): brown, liver (bc allele)	T/T
Colour Locus B (TYRP1 gene): brown, liver (bs allele)	C/C
Colour Locus E	Em/Em
Colour Locus E (MC1R gene): dark mask (EM allele)	G/G
Colour Locus E (MC1R gene): grizzle, domino (EG allele)	G/G
Colour Locus E (MC1R gene): recessive red, yellow, cream (e allele)	C/C
Colour Locus H	h/h
Colour Locus H (PSMB7 gene): harlequin spots (H allele)	T/T
Colour Locus K	ky/ky
Colour Locus K (CBD103 gene)	I/I
<b>Coat type</b>	
Coat length (Long hair)	G/G
Colour Locus A	ay/ay
Curly coat	C/C
Furnishings / Improper Coat in Portuguese Water Dogs (marker test)	GG/CC

?/? : Test is not finished yet. Result will be available soon.

For all your questions about **DNA** go to the BI **--SUPPORT / HELPDESK-- !!!**  
This option is to be found on all 3 websites of BI in the horizontal bar.

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