



## Testing at the Nationals

Paw Print Genetics will send a representative to the 2023 Nationals in St. Louis. They will staff a table at the conformation show on Wednesday, August 30th, and Thursday August 31st from 8 am to 5 pm. Sample collection for genetic testing will be provided by club members at Field Trials on Saturday, August 26th and Sunday, August 27th and at the Fun Day on Saturday, August 26th.

With the discount code BHCA23, Paw Print is offering a 20% discount on genetic tests for Basset Hounds from now through May 2024. During Nationals, and using the code **BHCAHC**, the discount will bump to 30% and will be applied to all orders made at the Nationals and those placed directly with Paw Print between August 20th and September 22nd. To order directly, go to **www.PawPrintGenetics.com** or call **1.855.202.4889**, Mon-Fri from 8 AM to 5 PM PST.

Paw Print offers multiple tests for the same dog at progressively lower costs for each additional test. They have reduced their base price and are offering a smaller discount, but their resulting price is similar to that offered in past years. There is no subsidy from the BHCA Foundation this year.

# Tests per dog	Base price	Additional test price	Total	With Paw Print discount for Basset Hounds
1	\$55.00	—	\$55.00	\$38.00
2	\$55.00	\$46.00	\$101.00	\$70.70
3	\$55.00	\$44.00	\$143.00	\$100.10
4	\$55.00	\$42.00	\$181.00	\$126.70

Testing for MPS1 specific to Basset Hounds remains available only through the Orthopedic Foundation for Animals. The cost is \$65. <https://ofa.org/mucopolysaccharidosis-i/>

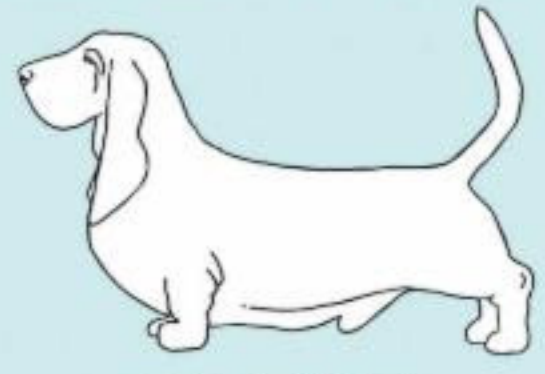
## Forum on Lafora Following Dog Judging August 30th

The Health and Research Committee will host a forum on Lafora in which members are invited to share their experiences with genetically-affected dogs and their thinking about whether to breed a dog who tested positive (carrier or at risk / affected) for the Lafora mutation.

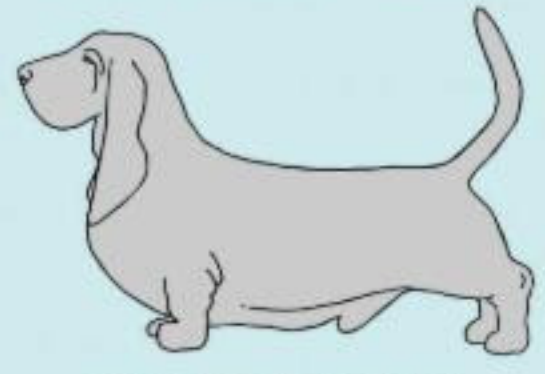
There is little scientifically-validated information about how to care for affected dogs, so this forum is intended as an opportunity for members to share the signs they are seeing in their dogs, what they have learned from veterinarians, what medications they are finding helpful and what, if any, changes they have made to their dog's diet. Members' comments and experiences will help shape on-going research into the course of Lafora disease and treatment.

Also, because the Lafora mutation is widespread, it is critical to the long-term health of the breed that we include Lafora carriers in our breeding programs, only breed them to clear dogs, and ensure that their offspring are similarly managed. This forum is intended to provide an opportunity for members to share their ideas about how to proceed as responsible breeders coping with Lafora carriers and affected dogs, avoiding the breeding of at-risk/affected puppies, and ensuring that successive generations of carriers do not produce at-risk/affected offspring.

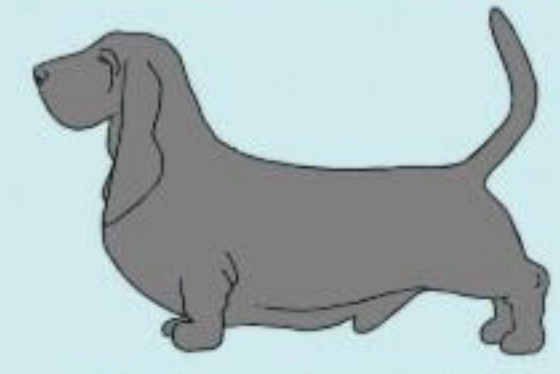
# INHERITANCE OF A SIMPLE RECESSIVE GENE



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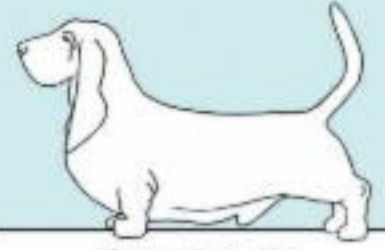


CARRIER

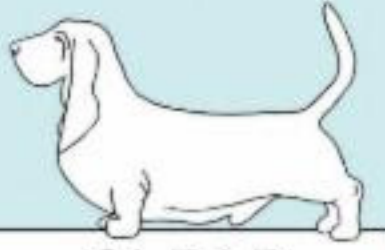


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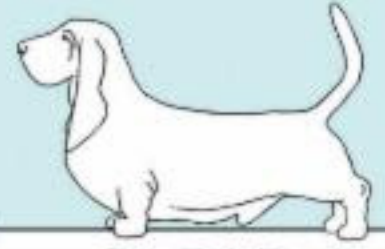
## PARENTS



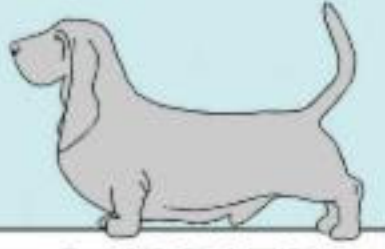
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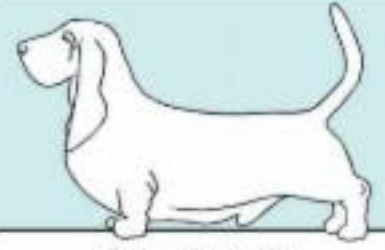
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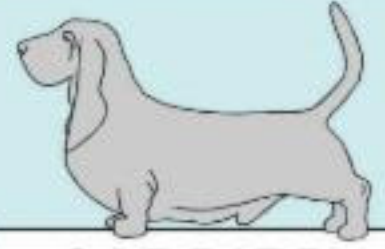
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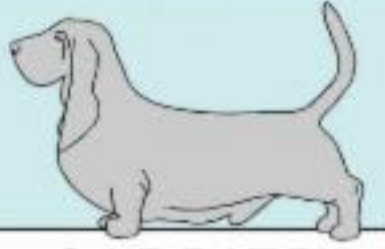
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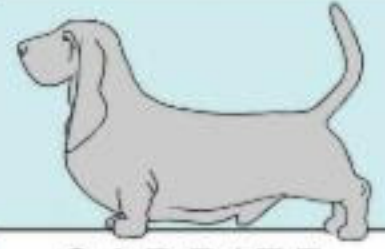
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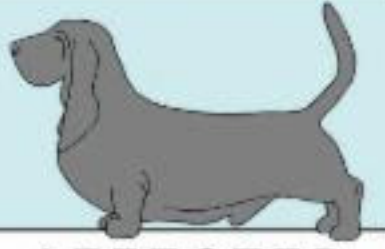
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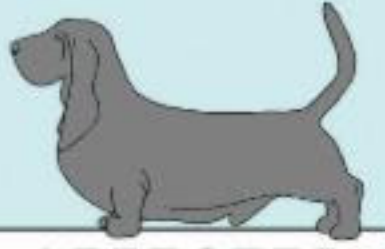
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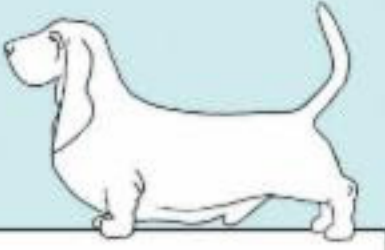
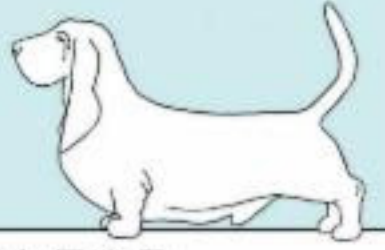
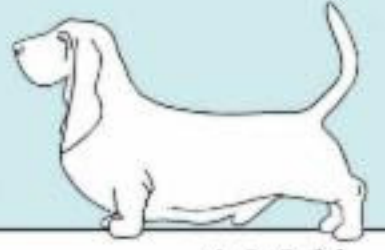
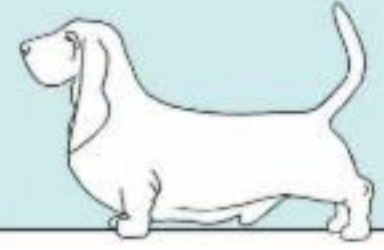


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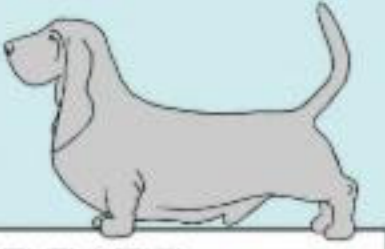
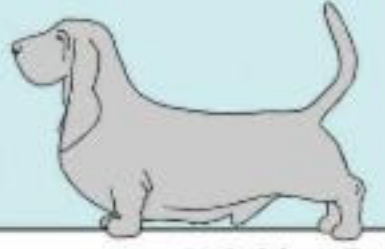
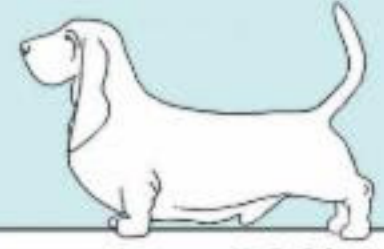


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## STATISTICAL PREDISPOSITION

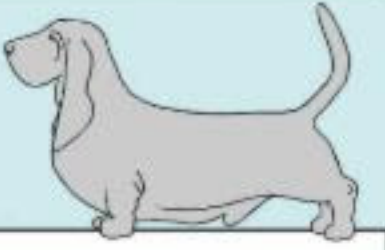
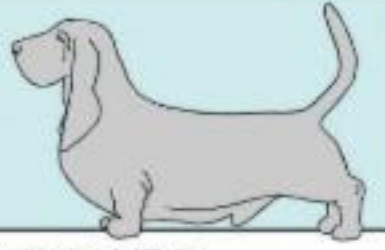
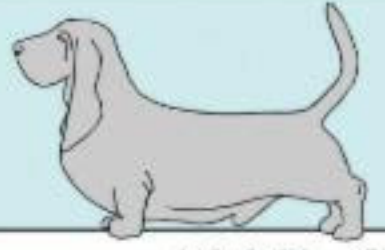
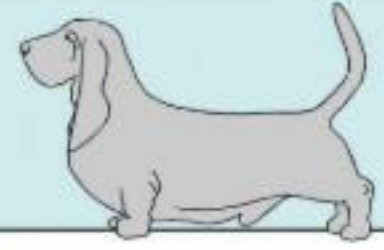


100% CLEAR

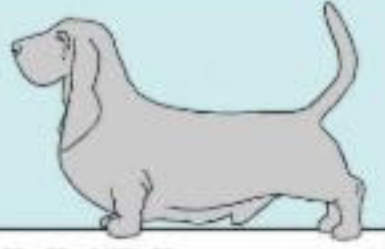
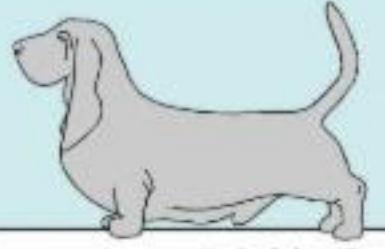
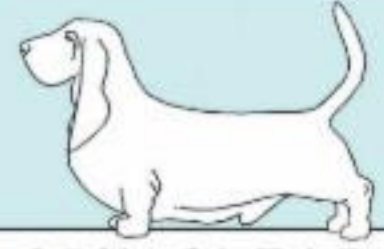


50% CLEAR

50% CARRIER



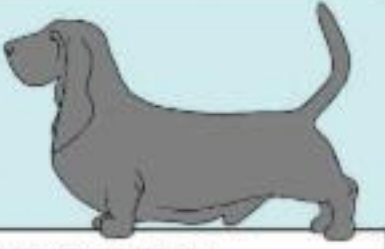
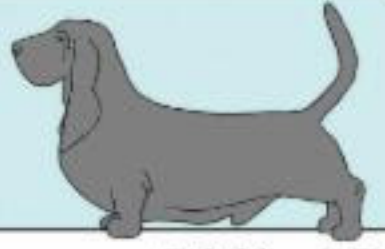
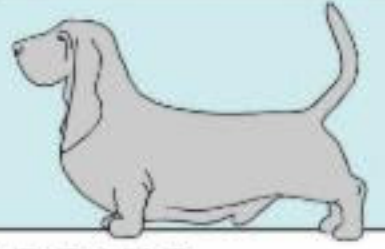
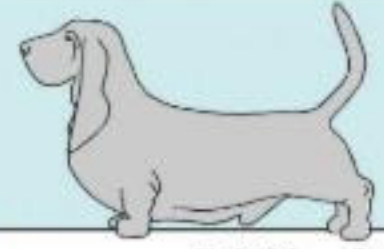
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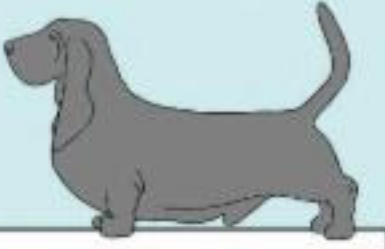
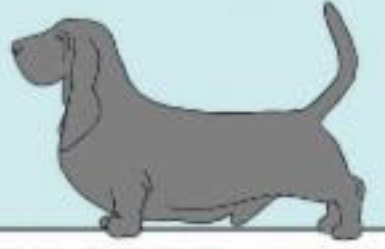
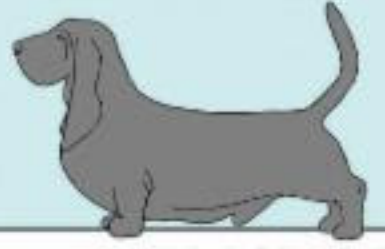
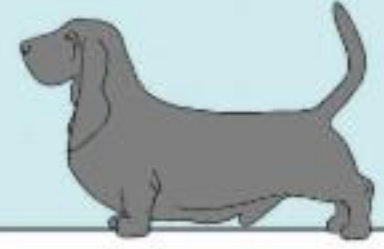
50% CARRIER

25% AFFECTED



50% CARRIER

50% AFFECTED



100% AFFECTED

Graphic drawn by Anne Lind • FetchitGraphics.com

Chart based on Hugo Cuenca's original design.