

Genetics		Generated On: 7/6/2021								
Paw Print NE L 32308		Canine Genetic Testing Report								
										
Township Road 362 arsburg, OH 44654										
Subject Dog 00274393		Date Received: 6/29/2021								
Dog Name: Espo Murphy		Registration: OH-ABA-1904779-001								
Breed: French Bulldog		Microchip:								
Phenotype: Red & Tan Merle		Sex: Male Birth: 04/14/2021								
Sire		Dam								
Sire Name:		Dam Name:								
Breed:		Breed:								
Registration:		Registration:								
Phenotype:		Phenotype:								
Coat Color Testing		Genetic Disorders								
X	A Locus-Ay	AY/AY	Dog has two copies of the gene responsible for fawn/sable coat color.	CDDY	Not Tested					
X	A Locus-Aw	n/n	Negative for wild-sable.	CDPA	Not Tested					
X	A Locus-At	n/n	Dog does not carry the tan points/tricolor gene.	CMR1	Not Tested					
X	A Locus-a	n/n	Dog does not carry the gene responsible for recessive black coat color.	cord1-PRA	Not Tested					
X	B Locus	B/B	Dog does not carry the brown allele, and can never pass on the gene for brown to future offspring.	DM	Not Tested					
X	Cocoa	n/co	Carrier: Dog has one copy of the cocoa mutation.	HUU	Not Tested					
X	D Locus	D/d	Dog carries the dilution gene, but will appear full color.	JHC	Not Tested					
X	E Locus- EM	n/EM	Dog has one copy of the allele for melanistic mask							
X	E Locus- e	E/e	Dog carries the allele responsible for the yellow coat color and could pass on either allele to any offspring.							
X	K Locus-KB	n/KB	Dog has one copy of the dominant black gene. Dog is self-colored and can pass on that gene to any offspring.							
X	Spotting	N/S	Dog has one copy of the MITF variant associated with parti-color in some breeds.							
	Harlequin		Not Tested							
X	Merle	n/M	Dog has one copy of the "M" merle allele and one negative "m" copy of merle allele. The dog can pass either allele on to any offspring.							
Coat Type Testing				Genetic Marker Results Run Date: Not Tested						
	Hair Length		Not Tested	AHT121	AHT137	AHT1171	AHT260	AHTK211	AHTK253	C22-279
	Hair Curl		Not Tested	CAN-AMEL	FH2054	FH2848	INRA21	INU005	INU030	INU055
	Furnishings		Not Tested	REN54P11	REN162C04	REN169D01	REN169O18	REN247M23		
	Shedding		Not Tested	Additional Comments						
				A-Panel: Ay/Ay - Homozygous for fawn/ sable. E-Panel: EM/e-Dog has one copy of the melanistic mask allele and one copy of the recessive yellow allele.						