

TABLE S1
Panel of 36 purebred dogs for assessing marker performance

Breed	Avg. HET ^a
Afghan Hound	0.41
American Foxhound	0.47
American Staffordshire Terrier	0.49
Australian Shepherd	0.45
Bedlington Terrier	0.25
Belgian Malinois	0.49
Bichon Frise	0.30
Border Collie	0.42
Border Terrier	0.37
Boston Terrier	0.44
Boxer	0.26
Brittany	0.54
Cocker Spaniel, American	0.37
Collie	0.31
Dachshund, Miniature, Smooth	0.53
Dalmatian	0.39
Doberman Pinscher	0.40
Field Spaniel	0.33
Giant Schnauzer	0.29
Golden Retriever	0.46
Jack Russell Terrier	0.55
Kerry Blue Terrier	0.46
Labrador Retriever	0.45
Maltese	0.47
Newfoundland	0.43
Norwich Terrier	0.38
Poodle, Standard	0.39
Portuguese Water Dog	0.43
Pug	0.27
Rottweiler	0.37
Schipperke	0.38
Shetland Sheepdog	0.38
Shih Tzu	0.41
Silken Windhound	0.41
Staffordshire Bull Terrier	0.45
Whippet	0.41

^aHET, heterozygosity