

Table S2. Frequency of Derived Allele in *AMYB2*
Ancestry Informative SNPs for High and Low Starch
Dog Breeds

aiSNP	Breed	Starch	Dfreq
chr6.50074785	Pekingese	High	1
	Saluki	High	1
	SharPei	High	0.29
	ShihTzu	High	1
	Akita	Low	1
	AlaskanMalamute	Low	0.59
	American Eskimo Dog	Low	1
	SiberianHusky	Low	0.29
chr6.50081582	Pekingese	High	1
	Saluki	High	1
	SharPei	High	0.29
	ShihTzu	High	1
	Akita	Low	1
	AlaskanMalamute	Low	0.59
	American Eskimo Dog	Low	1
	SiberianHusky	Low	0.29
chr6.50089070	Pekingese	High	1
	Saluki	High	1
	SharPei	High	0.29
	Shihtzu	High	1
	Akita	Low	1
	AlaskanMalamute	Low	0.59
	American Eskimo Dog	Low	1
	SiberianHusky	Low	0.29

Column headings: aiSNP-location of the ancestry informative snp; Breed- name of dog breed; Starch- High or low starch consumption; Dfreq- derived allele frequency.