

Supplementary Table S11. The nsSNPs identified in the pigmentation-related genes from total nsSNP sets from Hanwoo, Jeju Heugu, Chikso, and Korean Holstein. The TYR, TYRP1, DCT, and MC1R indicate tyrosinase, tyrosinase-related protein 1, dopachrome tautomerase, and melanocortin 1 receptor respectively.

Breed	TYR	TYRP1	DCT	MC1R
Hanwoo			Chr12:69507694 (T>C: Heterozygous)	
		Chr8:31717680 (T>C: Heterozygous)	Chr12:69532190 (T>C: Heterozygous)	
			Chr12:69534625 (A>G: Heterozygous)	
Jeju Heugu			Chr12:69534625 (A>G: Heterozygous)	Chr18:14758485 (G>A: Heterozygous)
			Chr12:69527675 (C>T: Heterozygous)	
Korean Holstein			Chr12:69534625 (A>G: Heterozygous)	Chr18:14757910 (T>C: Homozygous)
			Chr12:69544526 (A>G: Heterozygous)	
Chikso	Chr29:6461851 (G>A: Heterozygous)	Chr8:31717680 (T>C: Heterozygous)	Chr12:69544299 (G>C: Heterozygous)	