

Table S1. Suggestive significant markers for the binary (presence or absence of digital dermatitis) phenotype.

SNP	Chromosome	Position (bp)	P-value	Genetic variance explained	Timepoint of foot examination
ARS-BFGL-NGS-66604	21	18,496,366	8.09E-06	0.097	DRY (up to 120 days before calving)
BTA-63485-no-rs	7	103,114,045	1.44E-05	0.162	LATE (170-305 days after calving)
BovineHD1500005081	15	19,773,230	7.88E-06	0.091	LATE (170-305 days after calving)
BovineHD1600002396	16	8,011,283	1.13E-05	0.104	LATE (170-305 days after calving)
BovineHD1900006440	19	21,981,558	9.66E-06	0.072	LATE (170-305 days after calving)