

Supplementary table S2. Haplotypes of *TLR2* directly determined by PacBio resequencing. Haplotypes in the proximal amplicon of *TLR2* were directly determined with PacBio resequencing in the Czech Red Pied cattle population and their frequencies are indicated; the haplotypes are ordered alphabetically.

Haplotype No	Order of SNPs ^a	Number of differences from the reference sequence	Haplotype frequency in population (%)
1	C_A_G_G_T_G_A_G_C	1	1.9
2	C_T_A_A_C_A_C_T_T	9	4.8
3	C_T_A_A_T_A_C_T_T	8	1.5
4	C_T_G_A_C_A_C_T_T	8	2.2
5	C_T_G_G_C_A_C_T_T	7	0.6
6	T_A_A_G_T_G_A_G_C	1	2.1
7	T_A_G_A_C_A_C_T_T	6	2.5
8	T_A_G_G_G_G_A_G_C	1	0.7
9	T_A_G_G_T_A_A_G_C	1	1.9
10	T_A_G_G_T_G_A_G_C	0	68.9
11	T_A_G_G_T_G_A_G_T	1	2.4
12	T_A_G_G_T_G_A_T_C	1	5.2
13	T_A_G_G_T_G_G_G_C	1	1.5
14	T_T_A_A_C_A_C_T_T	8	2.4
15	T_T_G_G_T_G_A_G_C	1	1.2

^a Haplotypes consist of ordered SNPs 115T>C, 222A>T, 412G>A, 423G>A, 459T>C, 528G>A, 538A>C, 624C>T, and 657C>T. The individual SNPs are separated by underscores.