

Table S1. Number of animals with an inbreeding coefficient of 0 or >0 and frequencies of the inbreeding coefficients of the five bovine breeds analyse at different ranges.

<b>F</b>	<b>Frieiresa</b>	<b>Caldela</b>	<b>Cachena</b>	<b>Limia</b>	<b>Vianesa</b>
0	1048	1945	6252	1550	4277
>0	3393	7433	21952	4252	9882
>0 - 0.03	0.51076	0.54352	0.73152	0.43838	0.64187
0.031-0.06	0.28824	0.24876	0.13922	0.31538	0.19409
0.061-0.09	0.08989	0.06485	0.04608	0.10019	0.04807
0.091-0.12	0.02210	0.02597	0.00676	0.02187	0.00789
0.121-0.15	0.02653	0.03969	0.02024	0.03951	0.02975
0.151-0.18	0.00825	0.00996	0.00593	0.01411	0.00638
0.181-0.21	0.00295	0.00525	0.00384	0.00188	0.00293
0.211-0.24	0.00088	0.00108	0.00093	0.00141	0.00101
0.241-0.27	0.02181	0.04251	0.04641	0.04539	0.05070
0.271-0.3	0.02299	0.01170	0.00820	0.00917	0.00982
0.301-0.33	0.00531	0.00471	0.00361	0.00400	0.00415
0.331-0.36	0.00000	0.00067	0.00144	0.00235	0.00051
0.361-0.39	0.00029	0.00135	0.00111	0.00282	0.00121
0.391-0.42			0.00069	0.00024	0.00020
0.421-0.45			0.00005	0.00024	
0.451-0.48			0.00042		
0.481-0.51			0.00014		
0.511-0.54			0.00005		
0.541-0.57			0.00005		