

Additional file 5

Table S4: Chromosome-wide significance thresholds used in multibreed GWAS for conformation traits in four Beninese indigenous cattle

BTA	SNP marker after QC	Effective number of independent SNP marker based on LD calculated using GEC	p-value threshold (pc)
1	2376	2049.3	2.44E-05
2	1893	1654	3.02E-05
3	1738	1521.19	3.29E-05
4	1710	1520.59	3.29E-05
5	1453	1281.61	3.90E-05
6	2156	1764.76	2.83E-05
7	1855	1578.1	3.17E-05
8	1635	1433.32	3.49E-05
9	1493	1310.28	3.82E-05
10	1654	1411.28	3.54E-05
11	1518	1333.92	3.75E-05
12	1163	1043.83	4.79E-05
13	1184	1063.92	4.70E-05
14	1200	1070.96	4.67E-05
15	1177	1049.68	4.76E-05
16	1199	1058.1	4.73E-05
17	1157	1014.16	4.93E-05
18	914	824.35	6.07E-05
19	984	872.74	5.73E-05
20	1154	977.02	5.12E-05
21	1022	893.05	5.60E-05
22	874	786.52	6.36E-05
23	855	755.74	6.62E-05
24	878	776.26	6.44E-05
25	647	585.93	8.53E-05
26	718	648.8	7.71E-05
27	693	627.82	7.96E-05
28	674	617.25	8.10E-05
29	746	660.34	7.57E-05
overall	36720	32184.82	1.55E-06