

Appendix A. Table A5. Allele frequencies of meat quality markers in different swine genetic groups.

Marker	Allele	Frequency	Genetic group	Author/s
A. Rendement napole (RN)				
RN	rn	0.37	Hampshire	(27) Miller <i>et al</i> , 2000
RN	rn	0.33	Hybrid	(53) Rodriguez <i>et al</i> , 2022
RN	rn	0.25	Creole	(53) Rodriguez <i>et al</i> , 2022
B. Cathepsin D (CTSD)				
CTSD	A	1.00	Hampshire	(28) Russo <i>et al</i> , 2008
CTSD	A	0.98	Belgian landrace	(28) Russo <i>et al</i> , 2008
CTSD	A	0.95	Pietrain	(28) Russo <i>et al</i> , 2008
CTSD	A	0.94	Landrace	(28) Russo <i>et al</i> , 2008
CTSD	A	0.88	Duroc	(28) Russo <i>et al</i> , 2008
CTSD	A	0.85	Italian large white	(28) Russo <i>et al</i> , 2008
C. Leptin receptor (LEPR)				
LEPR	B	0.88	Landrace	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.81	Landrace	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.71	Potlava	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.67	Ukrainian large white	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.67	Ukrainian white steppe	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.59	Large black	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.56	Hybrid (D x LW/L)	(30) Galve <i>et al</i> , 2012
LEPR	B	0.56	Myrgorod	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.50	Pietrain	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.40	Meishan	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.39	Ukrainian spotted steppe	(34) Balatsky <i>et al.</i> , 2016
LEPR	B	0.39	Hybrid (LW x L)	(54) Tracovicka <i>et al</i> , 2013
LEPR	B	0.38	Hybrid (LW x L)	(55) Kováčik <i>et al</i> , 2011
LEPR	B	0.31	Hybrid (D x I)	(33) Muñoz <i>et al</i> , 2011
D. Lipoprotein lipase (LPL)				
LPL	C	0.44	Hybrid (S x D)	(36) Xue <i>at al</i> , 2015
E. Calpastatin (CAST)				
CAST	D	1.00	Pietrain	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.88	Polish landrace I	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.87	Polish landrace II	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.75	Zlotnicka spotted	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.75	Torhyb I (PLW x PL)	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.74	Torhyb II (PLW x PL)	(35) Kuryl <i>et al</i> , 2003
CAST	D	0.46	Stamboek (DLW x DL)	(35) Kuryl <i>et al</i> , 2003
F. Insulin-like growth factor binding protein 3 (IGFBP3)				
IGFBP3	A	1.00	Duroc C	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	1.00	Pietrain	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	0.89	Duroc B	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	0.88	Hybrid (LW x P)	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	0.85	Duroc A	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	0.55	Hybrid (I x D)	(57) Carrodegua <i>et al.</i> 2005
IGFBP3	A	0.19	Large white	(58) Kolaříková <i>et al</i> , 2003
IGFBP3	A	0.00	Wild boar	(56) Burgos <i>et al</i> , 2005
IGFBP3	A	0.00	Iberian	(56) Burgos <i>et al</i> , 2005

Abbreviations: LW, Large white; L, Landrace; D, Duroc; I, Iberian; P, Pietrain; S, Shanzhu; PLW, Polish large white; PL, Polish landrace; DLW, Dutch large white; DL, Dutch landrace.