Table S1. Previous nomenclature, previous and current allele notation of SNPs analyzed in the present study.

Gene	SNP	Previous nomenclature/ allele notation used in the literature	Current allele notation (dbSNP NCBI) *	Minor allele (Europeans) **	MAF (%) (Europeans) **
CYBA	rs7195830	*49 A>G	A > G	A	44.64
	rs1049255	*24 A>G, A640G	C > T	C	48.48
	rs1049254	521 T>C	A > G	A	38.63
	rs4673	214 C>T, C242T	A > G	A	34.30
	rs13306296	–536 C>T	G > A	A	35.03
	rs72811418	–675 A>T	A > T	T	7.44
	rs16966671	–852 C>G	C > G	G	47.26
	rs9932581	–930 A>G	C > T	T	40.80
XDH	rs206860	-	G > A	G	28.41
	rs207454	-	T > G	G	8.75
	rs1042039	-	T > C	C	47.14
	rs1054889	-	G > A	A	46.84
	rs2043013	-	A > C	C	41.03
	rs2073316	565+64 C>T	G > A	A	44.72
	rs2295475	2211 C>T (Ile737Ile)	G > A	A	30.19
	rs11904439	-	A > G	G	5.00
	rs45547640	c.3326A>C (Asn1109Thr)	T > G	G	0.0046
	rs148756340	-	A > G	G	1.37
MPO	rs2333227	-463 G>A	C > T	T	8.47
	rs34097845	-129 G>A	C > T	T	6.22
SOD1	rs202449	-	T > A	T	22.17
	rs1041740	-	C > T	T	30.62
	rs2070424	A251G (intron 3; also reported as -251 A>G)	A > G	G	6.41

Gene	SNP	Previous nomenclature/ allele notation used in the literature	Current allele notation (dbSNP NCBI) *	Minor allele (Europeans) **	MAF (%) (Europeans) **
CYBA	rs7195830	*49 A>G	A > G	A	44.64
	rs1049255	*24 A>G, A640G	C > T	C	48.48
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	rs4673	214 C>T, C242T	A > G	A	34.30
	rs13306296	–536 C>T	G > A	A	35.03
	rs72811418	–675 A>T	A > T	T	7.44
	rs16966671	–852 C>G	C > G	G	47.26
	rs9932581	–930 A>G	C > T	T	40.80
XDH	rs206860	-	G > A	G	28.41
	rs207454	-	T > G	G	8.75
	rs2173962	-	T > C	C	4.99
	rs4817420	-	C > T	T	30.16
	rs4998557	7958 G>A	G > A	A	11.95
	rs9974610	-	A > G	G	18.04
	rs10432782	-	T > G	G	6.44
	rs17880135	-	T > G	G	5.62
SOD1	rs17880487	-	C > T	T	0.011
	rs36232792	-1684 50-bp Ins/Del	delGCCCAGTAAAGCA(TGGGGCC)$_2$AGGGA(C)$_5$TTGTTCAGGTGTG	Del	17.28
SOD2	rs4880	47T>C (Val16Ala; also reported as Ala16Val, Ala-9Val)	A > G	G	49.98
SOD3	rs1799895	Arg213Gly (R213G)	C > G	G	1.16
	rs2159757	-	A > C	C	22.76
	rs2284659	-1257 G>T	T > G	T	34.94

Gene	SNP	Previous nomenclature/ allele notation used in the literature	Current allele notation (dbSNP NCBI) *	Minor allele (Europeans) **	MAF (%) (Europeans) **
CYBA	rs7195830	*49 A>G	A > G	A	44.64
	rs1049255	*24 A>G, A640G	C > T	C	48.48
	rs1049254	521 T>C	A > G	A	38.63
	rs4673	214 C>T, C242T	A > G	A	34.30
	rs13306296	–536 C>T	G > A	A	35.03
	rs72811418	–675 A>T	A > T	T	7.44
	rs16966671	–852 C>G	C > G	G	47.26
	rs9932581	–930 A>G	C > T	T	40.80
XDH	rs206860	-	G > A	G	28.41
	rs207454	-	T > G	G	8.75
	rs2536512	Ala40Thr (A40T; also reported as Ala58Thr)	G > A	G	35.21
	rs2855262	5982 C>T	T > C	T	34.82
	rs13435617	-	T > A	A	8.71
CAT	rs769214	-844 C>T (also reported as -844 A>G)	G > A	G	33.30
	rs1001179	-262 C>T	C > T	T	22.20
	rs1049982	-20 C>T	T > C	T	34.27
	rs7943316	-21 A>T (also reported as -89 A>T)	A > T	A	34.61
GPX1	rs3448	-	T > C	T	26.47
	rs1050450	Pro198Leu (also reported as Pro197Leu)	G > A	A	32.25
	rs1800668	-46 C>T	G > A	A	30.87
	rs3811699	-602 A>G	T > C	C	31.09
	rs8179164	-	T > A	A	3.02

Gene	SNP	Previous nomenclature/ allele notation used in the literature	Current allele notation (dbSNP NCBI) *	Minor allele (Europeans) **	MAF (%) (Europeans) **
CYBA	rs7195830	*49 A>G	A > G	A	44.64
	rs1049255	*24 A>G, A640G	C > T	C	48.48
	rs1049254	521 T>C	A > G	A	38.63
	rs4673	214 C>T, C242T	A > G	A	34.30
	rs13306296	–536 C>T	G > A	A	35.03
	rs72811418	–675 A>T	A > T	T	7.44
	rs16966671	–852 C>G	C > G	G	47.26
	rs9932581	–930 A>G	C > T	T	40.80
XDH	rs206860	-	G > A	G	28.41
	rs207454	-	T > G	G	8.75
GCLC	rs17883901	-129 C>T (also reported as -594 C>T)	G > A	A	8.37
GCLM	rs41303970	-590 C>T (also reported as -588 C>T)	G > A	A	16.79
GSTP1	rs1695	A313G (Ile105Val)	A > G	G	33.08
NOS3	rs1799983	G894T (Glu298Asp)	T > G	T	32.36
	rs2070744	-786 T>C	C > T	C	38.29
	rs3918226	-665 C>T (also reported as -690 C>T)	C > T	T	8.33
	rs61722009	4b/4a (27-bp VNTR)	delA(G)4TGAGGAAG TCTAGACC(TGC)2	4a (Del)	0.69

Legend: * NCBI dbSNP [47]: https://www.ncbi.nlm.nih.gov/snp/; ** Allele Frequency Aggregator (ALFA) [48], European population (EUR; BioSample: SAMN10492695): https://www.ncbi.nlm.nih.gov/snp/ (accessed on 29 October 2026).