

Table S1. SNP properties, genome location, substitution type, FST P-value associated with test for outlier status, minor allele frequency, GenBank annotation and references.

Locus name	Location	Region	Substitution	Allele	Frequent allele	FST				N° of locations where the locus was polymorphic	MAF	GenBank annotation	Reference
						FST	B-Y	H _o	F _{is}				
1 BM101A	Ribosomal protein L7a	coding	synon	A/T	T	0.748		0.435	-0.006	8	0.084	KT713378	Wenne et al. 2016
2 BM102A	Proteasome subunit beta type-6-like	coding	synon	C/T	T	0.145	*	0.248	-0.026	16	0.143	KT713379	Wenne et al. 2016
3 BM103B	Proteasome subunit beta type-5-like	coding	nonsyn	A/G	A	0.737		0.074	0.053	1	0.014	KT713380	Wenne et al. 2016
4 BM105A	UnKnown	NA	NA	A/G	A	0.377		0.136	0.068	6	0.067	KT713381	Wenne et al. 2016
5 BM106B	UnKnown	NA	NA	A/G	G	0.787		0.417	0.980	8	0.056	KT713382	Wenne et al. 2016
6 BM10B	Ribosomal protein S20	coding	synon	A/C	A	0.805		0.081	0.027	1	0.010	KJ871040	Zbawicka et al. 2014
7 BM113A	Protein BTG1	coding	synon	A/T	A	1	*	1.000	0	0	0.000	KT713385	Wenne et al. 2016
8 BM118A	UnKnown	NA	NA	A/G	G	0.139		0.055	-0.027	5	0.029	KT713388	Wenne et al. 2016
9 BM11A	Ribosomal protein L22	coding	synon	A/G	A	0.982		0.098	0.000	1	0.001	KJ871041	Zbawicka et al. 2014
10 BM12A	Ribosomal protein L23a	coding	synon	C/T	T	0.875		0.454	0.092	7	0.038	KJ871042	Zbawicka et al. 2014
11 BM12C	Ribosomal protein L23a	coding	synon	C/T	C	0.628		0.417	0.096	14	0.100	KJ871042	Wenne et al. 2016
12 BM147A	UnKnown	NA	NA	C/T	C	0.434	*	0.380	-0.004	17	0.141	KT713383	Wenne et al. 2016
13 BM151A	adhesive foot protein gene	coding	synon	G/T	G	0.865		0.434	0.178	9	0.033	HQ257471.1	Gardner et al. 2016
14 BM16B	ribosomal protein L21	coding	synon	C/T	A	0.014	*	0.280	-0.035	19	0.167	KJ871044	Wenne et al. 2016
15 BM17B	Ribosomal protein L7a	coding	synon	A/G	A	0.684		0.477	0.100	11	0.113	KJ871045	Zbawicka et al. 2014
16 BM201B	<i>H4 histone</i> gene	noncoding (intron)	NA	A/C	C	0.704		0.070	0.727	1	0.015	AY267750.1	Zbawicka et al. 2012
17 BM201C	<i>H4 histone</i> gene	coding	synon	G/T	T	0.513		0.243	-0.039	8	0.093	AY267750.1	Zbawicka et al. 2012
18 BM202A	<i>H3 histone</i> gene	noncoding (intron)	NA	A/C	A	1	*	1.000	0	0	0.000	AY267749.1	Zbawicka et al. 2012
19 BM202B	<i>H3 histone</i> gene	coding	synon	A/T	T	1	*	1.000	0	0	0.000	AY267749.1	Zbawicka et al. 2012
20 BM203B	<i>H2B histone</i> gene	noncoding (intron)	NA	C/T	C	0.492		0.241	-0.030	8	0.095	AY267742.1	Zbawicka et al. 2012
21 BM203C	<i>H2B histone</i> gene	noncoding (intron)	NA	C/T	A	0.622		0.530	0.064	18	0.131	AY267742.1	Zbawicka et al. 2012
22 BM203D	<i>H2A histone</i> gene	noncoding (intron)	NA	A/T	A	1	*	1.000	0	0	0.000	AY267757.1	Zbawicka et al. 2012
23 BM204A	<i>p53</i>	coding	synon	C/T	T	0.333		0.169	0.023	7	0.080	DQ865151	Zbawicka et al. 2012
24 BM21B	qm-like protein	coding	nonsyn	C/G	C	0.726		0.491	-0.071	13	0.104	KJ871047	Zbawicka et al. 2014
25 BM21C	qm-like protein	coding	synon	A/C/T	A	0.652		0.137	-0.092	8	NA	KJ871047	Zbawicka et al. 2014
26 BM26B	UnKnown13	NA	NA	A/T	A	0.794		0.126	-0.102	4	0.015	KJ871050	Zbawicka et al. 2014
27 BM2G	UnKnown05	coding	synon	G/T	G	0.944		0.095	-0.042	1	0.003	KJ871032	Zbawicka et al. 2014
28 BM30A	Ribosomal protein I17	coding	synon	A/G	A	0.856		0.086	-0.150	1	0.008	KJ871052	Zbawicka et al. 2014
29 BM30C	Ribosomal protein I17	coding	synon	A/T	T	0.51		0.052	0.087	1	0.025	KJ871052	Zbawicka et al. 2014
30 BM32A	ubiquinol-cytochrome c reductase subunit 6	coding	synon	A/G	G	0.098	*	0.496	0.086	19	0.362	KT713371	Wenne et al. 2016
31 BM33B	Cytochrome c oxidase subunit IV	coding	synon	A/T	A	0.398		0.051	-0.130	3	0.027	KJ871054	Zbawicka et al. 2014
32 BM35C	Ribosomal protein L7	coding	synon	A/T	A	0.37	*	0.488	0.049	19	0.223	KJ871055	Wenne et al. 2016
33 BM36F	ribosomal protein S3a	coding	synon	A/C	A	0.777		0.129	0.081	6	0.016	KT713373	Wenne et al. 2016
34 BM38B	ribosomal protein S8e	coding	synon	A/G	G	0.255	*	0.381	0.010	19	0.180	KT713368	Wenne et al. 2016
35 BM44B	ubiquitin/ribosomal protein S27a	coding	synon	A/G	G	0.526		0.053	0.492	1	0.024	KJ871057	Zbawicka et al. 2014
36 BM50B	CoA-binding protein	coding	synon	A/G	G	0.056		0.007	-0.060	1	0.004	KJ871059	Zbawicka et al. 2014
37 BM54A	ETC_C1_NDUFA4	coding	synon	A/G	A	1	*	1.000	0	0	0.000	KJ871060	Zbawicka et al. 2014
38 BM57A	NADH-ubiquinone oxidoreductase	coding	nonsyn	C/T	C	0.523		0.341	0.130	11	0.120	KT713374	Wenne et al. 2016
39 BM57D	NADH-ubiquinone oxidoreductase	coding	synon	A/C	C	0.445		0.152	0.000	4	0.072	KT713374	Wenne et al. 2016
40 BM5B	Ribosomal protein S6e	coding	synon	A/G	A	0.069		0.027	-0.083	3	0.014	KJ871035	Wenne et al. 2016
41 BM5D	Ribosomal protein S6e	coding	synon	C/T	C	0.263		0.141	-0.067	8	0.071	KJ871035	Zbawicka et al. 2014
42 BM61A	Ribosomal_L1	coding	synon	C/T	T	0.316	*	0.502	0.270	18	0.247	KT713375	Wenne et al. 2016
43 BM62A	Ribosomal L13e	coding	synon	A/G	G	0.664		0.152	0.168	6	0.028	KJ871064	Zbawicka et al. 2014
44 BM64A	Ribosomal protein L35	coding	synon	C/T	C	1	*	1.000	0	0	0.000	KJ871065	Zbawicka et al. 2014
45 BM67C	Ribosomal protein S6e	coding	synon	A/T	T	0.292	*	0.477	0.118	18	0.273	KJ871066	Wenne et al. 2016
46 BM6C	EFG_N	coding	synon	C/T	C	0.626		0.512	0.059	13	0.133	KJ871036	Zbawicka et al. 2014
47 BM78B	UnKnown12	coding	synon	A/G	G	0.592		0.380	0.057	15	0.104	KJ871069	Zbawicka et al. 2014
48 BM8E	Ribosomal protein L3	coding	synon	A/G	G	0.966		0.103	-0.001	2	0.002	KJ871038	Zbawicka et al. 2014
49 BM92B	UnKnown06	coding	synon	A/T	A	1	*	1.000	0	0	0.000	KJ871074	Zbawicka et al. 2014
50 BM9B	Ribosomal protein S2	coding	synon	A/G	G	0.143	*	0.496	0.099	19	0.352	KJ871039	Zbawicka et al. 2014
51 BM9C	Ribosomal protein S2	coding	synon	A/C/T	A	0.212	*	0.544	0.059	19	NA	KJ871039	Zbawicka et al. 2014

Values with P < 0.05 are marked in bold; *, values with P < 0.05 after Benjamini–Yekutieli correction; F_{IS} , inbreeding coefficient; H_o , observed heterozygosity; NA, not applicable