

Supplemental Table 3. Overview of selected SNPs that are strongly associated with exposure (AS consumption).

	SNP	Effect_Allele	Other_Allele	EAF	β	SE	<i>p</i> -value	chr	Function	Gene	F value
cereal	rs72747173	T	C	0.266542	-0.0110869	0.00224546	7.90E-07	1	intergenic	LHX9	24.38
	rs145641302	A	G	0.014446	0.0417765	0.00825296	4.10E-07	2	intron	INPP4A	25.62
	rs74820736	C	T	0.14228	-0.0127849	0.0027467	3.20E-06	4	intergenic	RP11-500G9.1	21.67
	rs55980851	A	G	0.019671	0.0327601	0.00700917	3.00E-06	4	3_prime_UTR	TMEM154	21.85
	rs2288674	A	G	0.509315	-0.00898835	0.00191713	2.80E-06	4	intron	1-Mar	21.98
	rs188066979	T	C	0.020064	0.0324788	0.00710396	4.80E-06	5	downstream	CTD-2218K11.2	20.90
	rs117206618	T	C	0.017706	0.0342398	0.00725611	2.40E-06	6	intergenic	RNU6-248P	22.27
	rs140773429	C	T	0.01599	0.0369019	0.00800034	4.00E-06	6	intron	TARID	21.28
	rs116906430	T	C	0.011002	0.0467568	0.00948977	8.30E-07	7	upstream	AC073150.6	24.28
	rs7294858	A	G	0.249686	-0.0115358	0.00222803	2.20E-07	12	intron	PRH1	26.81
	rs139091456	A	G	0.037547	0.0255681	0.00521606	9.50E-07	14	intron	CCDC175	24.03
	rs149157321	T	C	0.027196	0.031923	0.00643389	7.00E-07	15	upstream	RP11-20G13.1	24.62
	rs60728512	C	T	0.042979	0.0297958	0.00628371	2.10E-06	16	intron	RP11-410D17.2	22.48
	rs61275781	C	T	0.373344	0.00991525	0.00199391	6.60E-07	16	intron	RP11-420N3.2	24.73
	rs34075872	A	T	0.08285	0.0164808	0.00348254	2.20E-06	17	intergenic	RP11-618P13.1	22.40
	rs9807368	C	T	0.735974	-0.0100077	0.00217573	4.20E-06	18	upstream	PPP4R1	21.16
	rs214818	A	G	0.79799	-0.0120569	0.00239369	4.70E-07	20	intron	TGM3	25.37
	rs1153250	C	A	0.619474	-0.00937584	0.00199564	2.60E-06	21	intron	AF131217.1	22.07
	rs115966947	C	A	0.008525	0.0540392	0.0107528	5.00E-07	22	intron	CTA-929C8.8	25.26
coffee	rs11936086	C	G	0.013625	0.0686796	0.0146489	2.80E-06	4	intron	INTU	21.98
	rs78115985	T	G	0.023822	0.0515675	0.0111357	3.60E-06	5	intergenic	CTD-2232E5.2	21.44
	rs141134342	T	C	0.010666	0.0797698	0.0167203	1.80E-06	5	intergenic	LINC02142	22.76
	rs78234354	T	C	0.169085	-0.0218794	0.00454019	1.40E-06	5	intron	MAPK9	23.22
	rs138306370	C	T	0.007002	0.107726	0.0215224	5.60E-07	8	intron	ST3GAL1	25.05

coffee	rs72907976	A	G	0.096938	0.0277523	0.00573663	1.30E-06	11	intron	CELF1	23.40
	rs12270786	G	A	0.39905	0.0166123	0.00360359	4.00E-06	11	intergenic	RP11-326C3.15	21.25
	rs11068069	T	C	0.177108	0.0207445	0.00443796	2.90E-06	12	upstream	MAP1LC3B2	21.85
	rs61914781	A	G	0.253001	-0.0338414	0.00390673	4.60E-18	12	intron	PRR4	75.04
	rs138900734	A	C	0.007499	0.10188	0.0215951	2.40E-06	14	intron	ESR2	22.26
	rs140774793	A	G	0.008949	0.0868514	0.0182361	1.90E-06	18	intergenic	RP11-767C4.1	22.68
	rs238134	C	G	0.257109	-0.0179481	0.00387652	3.70E-06	18	intron	TGIF1	21.44
tea	rs186608696	A	G	0.016206	0.0644177	0.0129094	0.0000006	1	intergenic	RNA5SP73	24.90
	rs116388961	T	C	0.017444	0.0554218	0.012135	0.0000049	2	upstream	AC011286.1	20.86
	rs1403082	C	A	0.243978	0.0170521	0.0036935	0.0000039	3	intron	RP11-231I13.2	21.31
	rs79253620	A	C	0.109699	0.0252884	0.00511534	0.00000077	6	intron	B3GAT2	24.44
	rs139804693	C	A	0.022186	0.0537975	0.0117497	0.0000047	7	intron	DGKI	20.96
	rs77014507	C	T	0.203594	0.0193603	0.00403441	0.0000016	9	intergenic	APTX	23.03
	rs117987395	G	T	0.017547	0.0662791	0.0133783	0.00000073	10	intergenic	RP11-271F18.4	24.54
	rs72781148	G	C	0.009931	0.0734808	0.0160136	0.0000045	10	intergenic	LINC00841	21.06
	rs61928618	G	A	0.254514	-0.032642	0.003651	3.9E-19	12	intron	PRR4	79.93
	rs62045220	T	C	0.0594	0.0326678	0.00679435	0.0000015	15	intron	NEDD4	23.12
	rs79022294	G	T	0.015806	0.0611177	0.0131551	0.0000034	17	intron	FN3K	21.58
	rs11905412	A	T	0.096316	-0.0250201	0.00538729	0.0000034	20	intron	PLCB1	21.57
	rs6091103	G	A	0.376353	-0.0158338	0.00326666	0.0000013	20	intron	CTNNBL1	23.49
	rs1335579	G	A	0.852592	-0.0212735	0.00447937	0.000002	20	intron	TCEA2	22.56
	rs191527510	T	C	0.010384	0.0773626	0.0161049	0.0000016	22	intron	NFAM1	23.08