Table 2: Coding SNPs within the three Gastrokine genes

GKN3 position	Exon	db_SNP ID	bp change	a.a. change	SIFT Tolerated	All pops	European					Asian			African			South American		
							CEU	TSI	GBR	FIN	IBS	CHB	JPT	CHS	YRI	LWK	ASW	MXL	PUR	CLM
69148388	1st	rs191996786	C-G	H3Q	Yes	3/2184				3										
69149651	2nd	rs184117039	C-T	SYNOM		1/2184														1
69149981	3rd	rs10187256	A-G	W59Z	No	406/2184	14	29	13	8	2				116	120	55	10	23	16
69149986	3rd	rs75578132	G-A	G61R	No	115/2184	14	27	13	8	2				8	5	1	7	18	12
69149992	3rd	rs140484758	C-G	I62M	Yes	1/2184								1						
69151692	4th	rs28380047	C-G	L69V	Yes	404/2184	14	29	13	8	2				116	120	55	10	22	15
69151701	4th	rs187669230	G-A	A72T	Yes	1/2184	1													
69151723	4th	rs28627149	C-T	A79V	Yes	404/2184	14	29	13	8	2				116	120	55	10	22	15
69151736	4th	rs11126203	C-G	SYNOM		20/2184						6	6	8						
69151737	4th	rs191803503	A-G	R84G	No	3/2184									1	1			1	
69151746	4th	rs28441323	A-C	K87G	No	406/2184	14	29	13	8	2	1	1		116	120	55	10	22	15
69151769	4th	rs182884529	T-A	D94E	Yes	1/2184													1	
69151785	4th	rs147310854	C-A	L100M	Yes	1/2184							1							
69152826	5th	rs61732290	T-C	Y107H	Yes	88/2184		1		12		15	22	35	1	1		1		
69152944	5th	rs10197208	A-G	Q146R	Yes	736/2184	25	35	23	32	6	56	51	80	132	127	65	44	34	26
69153934	6th	rs79027026	C-G	L172V	Yes	88/2184		1		12		15	22	35	1	1		1		

GKN2 position	Exon	db_SNP ID	bp change	a.a. change	SIFT Tolerated	All pops	European					Asian			African			South American		
							CEU	CHB	JPT	CHS	IBS	CHB	JPT	CHS	YRI	LWK	ASW	MXL	PUR	CLM
69177863	2nd	rs200664095	T-C	I13V	Yes	6/2184	1	3				1							1	
69177359	3rd	rs149153999	T-C	N35D	Yes	1/2184			1											
69177311	3rd	rs61739918	T-C	I51V	Yes	101/2184									31	51	16	2	1	
69177269	3rd	rs62133344	C-A	D65Y	No	58/2184	9	10	6	12							6	4	7	4
69174372	4th	rs142985268	C-G	R74S	No	1/2184						1								
69174362	4th	rs183499773	G-A	R78Z	No	1/2184		1												
69174300	4th	rs189947949	T-C	SYNOM		2/2184							2							
69174293	4th	rs75318938	T-A	I101F	No	1/2184														
69173570	5th	rs1128272	C-T	S113N	Yes	575/2184	13	36	15	25	4	44	55	79	95	102	41	14	23	21
69173520	5th	rs146849599	C-T	V130M	Yes	17/2184						6	5	5				1		
69173466	5th	rs143791081	A-G	SYNOM		2/2184									1	1				
69172570	6th	rs73935451	G-A	A162V	Yes	36/2184									16	14	5			1
69172543	6th	rs200379309	G-A	L171P	No	1/2184									1					

GKN1 position	Exon	db_SNP ID	bp change	a.a. change	SIFT Tolerated	All pops	European					Asian			African			South American		
							CEU	TSI	GBR	FIN	IBS	CHB	JPT	CHS	YRI	LWK	ASW	MXL	PUR	CLM
69201799	1st	rs139153499	G-A	R11H	Yes	1/2184		1												
69204629	2nd	rs35624281	T-C	SYNOM		230/2184	2	12	5	19	1	29	31	50	18	20	9	16	5	13
69204631	2nd	rs144357553	T-C	V20A	Yes	1/2184						1								
69204671	2nd	rs9808077	A-T	SYNOM		505/2184	8	19	11	40	1	40	50	77	88	76	38	26	13	18
69204822	3rd	rs200894594	G-A	SYNOM		1/2184			1											
69206066	4th	rs188500710	G-A	V104I	Yes	3/2184								2				1		
69207131	5th	rs202096982	C-T	SYNOM		1/2184										1				
69207871	6th	rs191187603	G-A	SYNOM		1/2184														1
69207904	6th	rs143595030	T-C	SYNOM		2/2184	1		1											