

APPENDIX TABLE 1

Summary of HNF4 α dHPLC & Sequence Analysis in 96 Ashkenazi Jewish T2DM probands

Promoter/ Exon	GenBank Accession	5' intronic boundary	Exon	3' intronic boundary	Total size (bp)	No. WAVE patterns	actual No. of variants	dbSNPs identified	NT_011362 Contig position (lg= novel SNPs)
P2	AF509467	---	---	---	415	4	0		
Pr.3.4	NT_011362	---	---	---	500	1	0		
Pr. 4.2	NT_011362	---	---	---	500	6	1	rs1800963*#	8082200
Exon 1a	U72959	-75	218	34	327	4	1		lg8082797†
Exn 1c	U72960	-46	62	77	185	2	1		lg8082890†
Exon 1b	U72959	-99	91	166	356	4	2	rs2071197‡#	8083399
									lg8084031‡
Exon 2	U72961.1	-130	174	96	400	4	3	rs736824‡	8087575
								rs745975‡	8087608
								rs736823§#	8087698
Exon 3	U72962.1	-120	64	189	403	2	0		
Exon 4	U72963.1	-157	106	385	648	3	2		lg8095181§
								rs1800961§	8095279
Exon 5	U72964.1	-166	155	264	585	5	2		lg8095966‡
								rs3212195#	8096010‡
Exon 6	U72965.1	-212	87	179	478	4	1		lg8100208‡#
Exon 7	U72966	-211	155	137	503	5	1		lg8101167‡
Exon 8	U72967	-85	236	175	496	1	0		
Exon 9	U72968	-106	152	120	378	1	0		
Exon 10	U72969	-70	89	65	221	1	0		
<i>total</i>					6395	47	14		

Location of SNPs indicated as follows: * Genomic region of HNF4 α ; † 5'UTR; ‡ Intronic; § coding: synonymous; # Characterized further in sample 3.