Supplementary Table 2. Identical by decent (IBD) mapping of exome variants in families 5377 and 5543 from Egypt identified a shared haplotype (orange) on Chromosome 14: 20295764 – 26596857, containing the deleterious TTC5 variant (bold font).

					Family 5377-A	Family 5543-A
Chr	**Position**	**dbSNP**	**Ref**	**Alt**	**Genotype**	**Genotype**
14	20060200	rs1959630	G	T	Hom	Hom
14	20060203	rs1958717	A	G	Hom	Hom
14	20060289	rs112192573	TCATAGATTTGCTCACTGAC	T	Hom	Hom
14	20060346	rs2775253	T	A	Hom	Hom
14	20060369	rs2775254	G	A	Hom	Hom
14	20060860	rs1959629	C	T	Hom	Hom
14	20060884	rs1959628	C	G	Hom	Hom
14	20118273	rs9323534	C	T	Het	Hom
14	20197631	rs4981822	T	A	Het	Hom
14	20197681	rs4981088	G	A	Het	Hom
14	20197728	rs4981823	G	C	Hom	Hom
14	20224415	rs17277221	T	C	Het	NC
14	20224484	rs17277228	T	C	Het	NC
14	**20295764**	**rs199831317**	**G**	**A**	**Hom**	**Hom**
14	20296426	rs1953552	A	C	Hom	Hom
14	20301877	rs3742945	T	C	Hom	Hom
14	20356022	rs3093930	T	C	Hom	Hom
14	20386575	rs945011	A	G	Hom	Hom
14	20435190	rs1713408	T	C	Hom	Hom
14	20456995	rs1130409	T	G	Hom	Hom
14	20558614	rs891297	C	T	Hom	Hom
14	20641011	rs11628297	T	A	Hom	Hom
14	20641119	rs11627438	A	T	Hom	Hom
14	20641226	rs11622969	C	T	Hom	Hom
14	20641512	rs11627574	A	G	Hom	Hom
14	20641567	rs11622794	G	A	Hom	Hom
14	20989972	rs2741733	G	A	Hom	Hom
14	21017978	rs1243445	G	C	Hom	Hom
14	21057920	rs12437266	C	T	Hom	Hom
14	21155131	rs7145814	T	C	Hom	Hom
14	21155489	rs7161544	G	A	Hom	Hom
14	21155677	rs4982419	G	A	Hom	Hom
14	21302571	rs6571751	A	G	Hom	Hom

14	21328625	rs3748361	G	C	Hom	Hom
14	21360970	rs3762158	C	G	Hom	Hom
14	21362893	rs10138699	T	C	Hom	Hom
14	21403494	rs8022395	C	T	Hom	Hom
14	21492657	rs1060722	T	C	Hom	Hom
14	21492810	rs7617	G	A	Hom	Hom
14	21570528	rs17792778	T	C	Hom	Hom
14	22767315	rs8572	C	T	Hom	Hom
14	22771119	rs8786	T	A	Hom	Hom
14	22771504	rs148216086	T	TA GC	Hom	Hom
14	22773619	rs1061040	T	C	Hom	Hom
14	22812901	rs8018462	A	G	Hom	Hom
14	22813240	rs1805059	C	T	Hom	Hom
14	22830077	rs4982685	T	C	Hom	Hom
14	22836839	rs1042703	C	T	Hom	Hom
14	22902571	rs1242631	T	C	Hom	Hom
14	22903704	rs12437151	G	A	Hom	Hom
14	22905226	rs2295680	G	A	Hom	Hom
14	22905653	rs2295682	C	T	Hom	Hom
14	23080170	rs941719	C	G	Hom	Hom
14	23308165	rs910332	A	G	Hom	Hom
14	23309489	rs1950252	A	G	Hom	Hom
14	23310425	rs1535094	C	G	Hom	Hom
14	23433544	rs2069540	G	A	Hom	Hom
14	24060681	rs1951635	A	G	Hom	Hom
14	24076166	rs2070341	C	T	Hom	Hom
14	24302050	rs4247001	T	C	Hom	Hom
14	24321930	rs4981504	A	G	Hom	Hom
14	24369009	rs10151147	T	C	Hom	Hom
14	24376635	rs7149586	T	C	Hom	Hom
14	24377551	rs2243891	A	G	Hom	Hom
14	24429988	rs10146759	C	T	Hom	Hom
14	24432070	rs7151995	G	T	Hom	Hom
14	24440156	rs1043831	T	C	Hom	Hom
14	24440269	rs3211056	C	G	Hom	Hom
14	24441767	rs11625819	T	G	Hom	Hom
14	24441768	rs11625820	T	A	Hom	Hom
14	24506229	rs5249	G	T	Hom	Hom

14	24632954	rs8192917	C	T	Hom	Hom
14	26596857	rs4983176	G	A	Hom	Hom
14	26597707	.	AAAG	A	NC	Het
14	29597723	rs2230505	A	G	Hom	NC
14	29638532	rs2273807	C	T	Hom	NC
14	30630532	rs229150	A	G	Hom	NC
14	30890501	rs72262576;rs10562264	GGTAAA	G	Hom	NC
14	31113320	rs2273483	T	C	Hom	NC
14	31178035	rs2274201	G	A	Hom	NC
14	31295920	rs61741258	T	C	Hom	NC
14	31296055	rs61744248	T	C	Hom	NC
14	31321680	rs28396248	T	G	NC	Hom
14	31349841	rs3736918	C	T	Hom	NC
14	31350707	rs7158257	A	G	Hom	NC

Chr, chromosome; Ref, reference; Alt, alternative; Hom, homozygous; Het, heterozygous.