

2001 Data and Results: 26 Genetic Markers

Book Guide: "Not a Genetic Virgin", pages 25-27

Collected and Analyzed by: [SEQUENOM](#)

Results for David Ewing Duncan, from blood test

Addition genetic markers were tested (approximately 69) that were not identified by Sequenom.

For additional information about these tests, read [Duncan, David Ewing, "DNA as Destiny", Wired, October, 2002](#)

Assay	Alleles	Freq A2	Expected Genotypes			Effect	Susceptibility	"Bad" Allele	Gender	Phenotype	Common		DD		
			A1A1	A1A2	A2A2						GT	Score	GT	Score	
ApoE-1	T/C	0.14	0.74	0.24	0.02	Cys/Arg	E4 susceptible	E4/E4		Alzheimer's Disease	E3/E3	0	E3/E3	0	
ApoE-2	C/T	0.08	0.85	0.15	0.01	Arg/Cys									
p21-1	C/T	0.06	0.88	0.11	0.00	Ser/Arg	T susceptible	T		Cancer	CC	0	CC	0	
p53-5	G/C	0.25	0.56	0.38	0.06	Arg/Pro	C susceptible	C		Cancer	GG	0	GG	0	
CETP-1	A/G	0.27	0.53	0.39	0.07	Ile/Val	G protective	A/-		Cardiovascular Disease	AA	2	AA	2	
CETP-2	A/G	0.41	0.35	0.48	0.17	Intron 1	A protective	G		Cardiovascular Disease	AG	1	AA	0	
MTHFR-3	C/T	0.32	0.46	0.44	0.10	Ala/Val	T susceptible	T		Cardiovascular Disease	CC	0	CC	0	
SELE-3	A/C	0.10	0.81	0.18	0.01	Ser/Arg	C susceptible	C		Cardiovascular Disease	AA	0	AA	0	
GPIIIa	T/C	0.16	0.71	0.27	0.03	Leu/Pro	C susceptible	C		Cardiovascular Disease	TT	0	TT	0	
PAI1	Ins/Del	0.53	0.22	0.50	0.28	/	Del susceptible	Del		Cardiovascular Disease	Ins/Del	1	Ins/Ins	0	
ACE	Ins/Del	0.52	0.23	0.50	0.27	/	Del susceptible	Del		Cardiovascular Disease	Ins/Del	1	Del/Del	2	
FVII	G/A	0.10	0.81	0.18	0.01	Arg/Gln	A protective	G		Cardiovascular Disease	GG	2	GG	2	
AGT	T/C	0.45	0.30	0.50	0.20	Met/Thr	C susceptible	C		Cardiovascular Disease	TC	1	CC	2	
FGB-455	G/A	0.21	0.62	0.33	0.04	Promoter	A susceptible	A		Cardiovascular Disease	GG	0	G/A	1	
CX26-1	G/-	rare				/	Del susceptible	Del		Congenital hearing loss	GG	0	GG	0	
CX26-2	T/-	rare				/	Del susceptible	Del		Congenital hearing loss	TT	0	TT	0	
CF	TTT/-	rare				Phe/-	Del susceptible	Del		Cystic Fibrosis	Ins/Ins	0	Ins/Ins	0	
HFE-1	C/G	rare				His/Asp	G susceptible	G		Hemochromatosis	CC	0	CC	0	
HFE-2	G/A	rare				Cys/Tyr	A susceptible	A		Hemochromatosis	GG	0	GG	0	
CCR5	Ins/Del	0.10	0.81	0.18	0.01	Truncation	Del protective	Ins		HIV Resistance	Ins/Ins	2	Ins/Ins	2	
AAT-1	A/T	rare				Glu/Val	T susceptible	T		Lung and Liver Disease	AA	0	AA	0	
AAT-2	G/A	rare				Glu/Lys	A susceptible	A		Lung and Liver Disease	GG	0	GG	0	
COMT-1	A/G	0.54	0.21	0.50	0.29	Met/Val	G susceptible	G		Schizophrenia	AG	1	AA	0	
PPARG2	C/G	0.10	0.81	0.18	0.01	Pro/Ala	C susceptible	C		Type 2 Diabetes	CC	2	CC	2	
FXIII-2	T/G	0.77	0.05	0.35	0.59	Leu/Val	T protective	G		Venous Thrombosis	GG	2	TG	1	
FV	G/A	rare				Arg/Gln	A susceptible	A		Venous Thrombosis	GG	0	GG	0	
Total											15	Avg. Score		14	Avg. Score
												0.30			0.28