

Supplementary Table 1. Companies found to be providing direct-to-consumer genetic tests marketed as relating to sport and exercise performance or risk of injury. Data may not be 100% accurate because accuracy is dependent on the ability to navigate the websites appropriately, and the contemporary accuracy of the information provided on the websites or client reports that have been shared with us. Gene names are in several instances listed verbatim as presented on the company websites/client reports, even though some gene names given might not conform to the standard nomenclature.

Company	Website name	Number of variants tested	Genes of variants tested (according to websites/client reports)
23andMe	23andme.com	1	<i>ACTN3</i>
Advanced Business Services	abservices.eu	Nf	Nf
Agoga	agoga.com.au	Nf	Nf
Asper Biotech	asperbio.com	2	<i>ACE, ACTN3</i>
Athletigen	athletigen.com	18	<i>ACTN3, ADRB2, AGT, AMPD1, CILP, COL1A1, COL5A1, CREB1, IL1B, HIF1A, MMP3, NAT2, PPARG, PPARGC1A, RAD23A</i>
Atlas Sports Genetics	atlasgene.com	1	<i>ACTN3</i>
C2DNA	c2dna.com	Nf	Nf
Cosmetics DNA	cosmetics-dna.com	Nf	Nf
CyGene Direct	cygene.infinityarts.com	6	<i>ACE, APOE, BDKRB2, ENOS, VDR</i>
DNA Fit	dnafit.com	21	<i>ACE, ACTN3, ADRB2, AGT, BDKRB2, COL1A1, COL5A1, CRP, GDF5, GSTM1, GSTT1, IL6, IL-6R, NRF-2, PPARA, PPARGC1A, SOD2, TNF, TRHR, VDR, VEGF</i>
DNA Spectrum	dnaspectrum.com	7	<i>ACE, ACTN3, ADRB2, ADR3B, ENOS, FTO</i>

DNAeX	dnaex.net	14	<i>ACE, ACTN3, ADRB2, AGT, BDKRB2, COL5A1, CRP, IL6, NRF, PPARA, PPARGC1A, TRHR, VDR, VEGF</i>
DNAlysis	danalysis.co.za	19	<i>ACE, ACTN3, ADRB2, AGT, BDRKB, COL1A1, COL5A1, CRP, GDF5, IL6, IL-6R, NRF-2, PPARA, PPARGC1A, SOD2, TNF, TRHR, VDR, VEGF</i>
GenePlanet	geneplanet.com	2	<i>ACTN3, PPARA</i>
Genetic Center	genetic-center.com	Nf	Nf
Genetic Performance	geneticperformance.com	Nf	Nf
Genetrainer	genetrainer.com	Nf	Nf
Gknowmix	gknowmix.com	Nf	Nf
Gonidio	gonidio.com	27	<i>ACE, ACTN3, ADRA2A, ADRB1, ADRB2, AMPD1, BDKRB2, CHRM2, CK-MM, COL1A1, COL5A1, DIO1, EPOR, HBB, HIF-1, MCT-1, MMP3, NOS3, PPARD, PPARGC1, VDR, VEGF</i>
IgnitePlay	igniteplay.com	Nf	Nf
Institute for Optimum Nutrition	ion.ac.uk	Nf	Nf
Lyfgene DNA	lyfgene.com	Nf	Nf
Molecular Testing Labs Fitness	mtlfitness.com	9	<i>ACTN3, EDN1, INSIG2, LIPC, LPL, MMP3, PPARD, PPARGC1A, SLC30A9</i>
Musclegenes	musclegenes.com	Nf	Nf
MyInnerGo	myinnergo.com	Nf	Nf
MyRISQ	myrisq.com	Nf	Nf
Nordic Laboratories	nordiclabs.com	20	<i>ACE, ACTN3, ADRB2, AGT, BDRKB, COL1A1, COL5A1, CRP, GDF5, IL6,</i>

			<i>IL6R, NRF, PPARA, PPARGC1A, SOD2, TNF, TRHR, VDR, VEGF</i>
Nutragene	nutragene.com	Nf	Nf
Pathway Genomics	pathway.com	Nf	Nf
Phenom Biosciences	iamaphenom.com	Nf	Nf
PlayDNA	playdna.co.uk	Nf	Nf
Simplified Genetics	simplifiedgenetics.com	5	<i>ADRB2, ADRB3, APOE, PPARG</i>
Sports Gene	sportsgene.ee	6	<i>ACE, ACTN3, AMPD1, GDF8, NOS3, PPARGC1A</i>
The Wellness Gene	wellnessgene.com	23	<i>ACE, ACTN3, AMPD1, BDKRB2, CHRM2, CKMM, COL1A1, COL5A1, DIO1, EPOR, HBB, HIF1A, MCT1, MMP3, NOS3, PPARG, PPARGC1A, VDR, VEGF</i>
TheMakingsofMe	themakingsofme.com	3	<i>ACTN3, HIF1A, NOS3</i>
ThinnerGene	thinnergene.com	Nf	Nf
ThriveLondon	thrivelondon.com	Nf	Nf
Woblab	woblab.com	6	<i>ACE, ACTN3, AMPD1, GDF8, NOS3, PPARGC1A</i>
XRGenomics	xrgenomics.com	Nf	Nf

Nf = Information not found