

Data on Direct-to-Consumer Genetic Testing and DNA testing companies

Author:

Dr Andelka M. Phillips
Ussher Assistant Professor in Information Technology Law,
School of Law,
Trinity College Dublin,
The University of Dublin

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Contact information:

Email: andelka.m.phillips@tcd.ie

<http://www.andelkamphillips.com>

Explanatory Note:

This table was compiled between 2011 and 2018. It is a list of companies offering direct-to-consumer DNA tests over the internet. It is primarily concerned with direct-to-consumer genetic testing companies operating currently and also includes those, which are no longer operating. The table briefly summarizes the services offered by each company and gives the company's location.

I am continuing to update this list, so it is a work in progress, it does include some companies that advertise their services to physicians and some companies may have altered their offerings. Further updates will be provided later in 2018. I have added a shorter table at the end of relevant other companies.

This work is being released for informational and educational purposes and should not be used for commercial purposes.

This work builds upon work done by the Human Genetics Commission (HGC), the Government Accountability Office (GAO) and the Genetics and Public Policy Center (GPPC) at Johns Hopkins, which have all compiled lists of DTC companies. I have also had the benefit of consulting Mary Chitty from Cambridge Healthtech Institute and comparing her list with my own, although her focus is on biotech consumer focussed companies more broadly, rather than DTC specifically. However, the list compiled here is more extensive than others previously published, and has involved a very large amount of hours of independent Internet trawling and frequent checks to ascertain whether companies are continuing to operate. As there have been a number of versions of this document prior to releasing it here, not all the checks I have carried out are included.

I have also made tables categorizing companies according to service type, which I am in the process of updating, but I am releasing this master list.

Table of Direct-to-Consumer Genetic Testing Companies showing their location and the services offered

Company:	Location of company:	Services offered:
1) 23andMe ¹	California, USA 899 West Evelyn Ave., Mountain View, CA 94041.	<ul style="list-style-type: none"> • Ancestry and health • Current EU prices €79 for ancestry and €129 for health and ancestry (14 February 2018) • Valentines special 20% off (14 February 2018) • Previously offered: <ul style="list-style-type: none"> ○ Pre-symptomatic ○ Predictive/susceptibility ○ Pharmacogenetic ○ Carrier
2) 23DNA ²	Over 100 locations, but slightly unclear where they are based. Probably UK and Brooklyn, NY, USA.	<ul style="list-style-type: none"> • Paternity • Non invasive paternity • Relationship including: <ul style="list-style-type: none"> ○ Maternity ○ Twin zygosity • Mitochondrial

¹ 23andMe, <<https://www.23andme.com/health/>> accessed 5 January 2013. [Checked again 22 January 2014 and still operating]. [Checked again 24 April 2014]. Checked several times in 2016 and 2017. Still operating. Last checked 26 January 2018.

² 23DNA, <<http://23dna.co>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]; and <<http://brooklyn.23dna.co/DNAKit?gclid=CKDXpfrBoLwCFVKWtAodf3MAJQ>> accessed 28 January 2014. [Checked again 8 April 2014]. Checked again 26 January 2018 and still operating.

		<ul style="list-style-type: none"> • Immigration • Home kits
3) Accu-metrics Viaguard ³	<p>Toronto, Canada Address: 1232 Kingston Road, Toronto, Ontario, M1N 1P3 Phone: (416) 691-4167 Fax: (416) 691-8112</p>	<ul style="list-style-type: none"> • CIC Immigration DNA Testing • Paternity Testing • Prenatal Paternity Testing • Prenatal Gender Testing • Ancestry testing • Health • Infidelity • DNA Relationship Testing
4) Accurate Paternity Testing ⁴	<p>Philadelphia, USA</p>	<ul style="list-style-type: none"> • [Website not working as of 28 August 2013].[checked again 8 Sept, still not working].This may not longer be operating [7 April 2014] – no longer operating 26 January 2018, • Paternity – has legal options • Maternity • Prenatal • Relationship testing
5) AccuraScience ⁵	<p>US Headquarters: AccuraScience LLC 5721 Merle Hay Road, Suite #16B Johnston, IA 50131</p>	<ul style="list-style-type: none"> • Aimed at academia and clinics. • Services are only available through physician.

³ Accu-metrics Viaguard, <<http://accu-metrics.com>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. Checked again 26 January 2018 and still operating.

⁴ Accurate Paternity Testing, <<http://philadelphiadnatesting.com>> accessed 28 August 2013. [Checked again 22 January 2014 and website not displaying]. [Check again!] Checked again 26 January 2018 and no longer operating.

⁵ AccuraScience, <<http://www accurascience.com>> accessed 28 January 2014. Checked again 26 January 2018 and still operating. Checked again 26 January 2018 and still operating.

	<p>Email: info@us accurascience.com Tel: 1-800-439-2978 (Toll-free) Fax: 1-866-414-6984 (Toll-free) China Office: AccuraScience (China) 18 Zhongguancun East Road, CaiZhi Tower Beijing, China Email: info@cn accurascience.com Tel: +86-10-51197773 ext. 8188</p>	
6) AdisonLAB Genetics⁶	<p>Lots of locations 51/52 Fitzwilliam Square West Dublin (Ireland) Telephone: +35 376 606 0012 <u>patientcare@adisonlab.com</u></p>	<ul style="list-style-type: none">• Nutrigenetics• Athletic testing
7) Advanced Healthcare Inc⁷	<p>Tamil Nadu, India And New Jersey, USA Address:</p>	<ul style="list-style-type: none">• Ancestry• Paternity• Maternity• Twin

⁶ AdisonLAB Genetics, <<http://www.adisonlab.com/en/>> accessed 2 December 2015. Checked again 26 January 2018 and still operating.

⁷ Advanced Healthcare Inc, <<http://www.advanceddna.in>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating], [and again 7 April 2014]. Checked again 26 January 2018 and still operating.

	<p>Advand Halt, 99, Morris Ave, Spring Field Township, New Jersey - 07081,U.S.A.</p> <p>And in India: 1st Floor. SMM BUILDING, Next to Canara Bank, K.P. Road, Nagercoil -629001, Kanyakumari Dist. TamilNadu, SouthIndia. Ph.No. : 04652 - 295749 Fax No: 04652 – 278248</p>	<ul style="list-style-type: none"> • Grandparent and other relationship testing • Immigration • Infidelity • Claims 'Advanced Health Care INC, India is authorized by a leading DNA testing center in USA'.⁸
<p>8) African Ancestry⁹</p>	<p>African Ancestry 5614 Connecticut Avenue NW, #297 Washington, DC 20015</p>	<ul style="list-style-type: none"> • Ancestry • Has 3 products: <ul style="list-style-type: none"> ○ myDNAMix – \$199.00 [Sale Price \$180.00] ○ PatriClan Test Kit – \$299.00 ○ MatriClan Test Kit – \$299.00
<p>9) African DNA¹⁰</p>	<p>1445 North Loop West, Suite 820 Houston, Texas 77008,</p>	<ul style="list-style-type: none"> • [NOTE: this is a division of Family Tree DNA, owned by Gene by Gene].

⁸ Advanced Healthcare Inc, 'About Us', <<http://www.advanceddna.in/aboutus.html>> 7 April 2014. Checked again 26 January 2018 and still operating.

⁹ African Ancestry, <<http://www.africanancestry.com>> accessed 8 September 2013. [Checked again 22 January 2014 and still operating]. Checked again 26 January 2018 and still operating.

¹⁰ AfricanDNA, <<http://www.africandna.com>> accessed 8 September 2013. [Checked again 22 January and 7 April 2014 and still operating]. Receive security warning about this website in December 2017 and 26 January 2018.

	USA Phone: (713) 868-1438	<ul style="list-style-type: none"> • Ancestry • 3 products: <ul style="list-style-type: none"> ○ Paternal¹¹ ○ Maternal ○ And World Origin
10) All About Truth DNA Services¹²	<p>Main Office (Send Mail Here)</p> <p>100 S. Pine Island Rd., Ste 148 Plantation, FL 33324 Phone: (954) 476-4646</p> <p>632 Washington Avenue Homestead, FL 33030 (Free standing Medical Bldg) Phone: (786) 344-4647</p> <p>7959 NW 2nd Street Miami, FL 33126 Phone: (305) 936-1115</p>	<ul style="list-style-type: none"> • Paternity testing with legal option • Relationship testing • Prenatal testing • Ancestry testing • Infidelity testing
11) Alpha Biolabs¹³	<p>Warrington, UK Address: 14 Webster Court Carina Park</p>	<ul style="list-style-type: none"> • Paternity test – home collection kit £169 [as of 7 April 2014]. • Drug and alcohol testing

¹¹ AfricanDNA, 'Tests & Products' <<http://www.africandna.com/tests.aspx>> accessed 7 April 2014.

¹² All About Truth DNA Services, <<http://www.allabouttruthdna.com>> accessed 28 April 2014. Checked in November 2016 and January 2017. Checked again 26 January 2018 and still operating.

¹³ Alpha Biolabs, <<http://www.alphabiolabs.com>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. [Checked again 30 April 2014]. Checked again 26 January 2018 and still operating.

	<p>Warrington WA5 8WD United Kingdom Telephone: 0800 170 1200 International 00441925 255450 Fax: 0845 5050 002 Email: info@alphabiotech.co.uk</p>	<ul style="list-style-type: none">• Immigration testing• Legal DNA testing• Ancestry testing
<p>12) American International Biotechnology, LLC (AIBioTech)¹⁴</p>	<p>Address: 601 Biotech Drive, Richmond, VA 23235 USA</p>	<ul style="list-style-type: none">• This is a clinical lab, which also does contract research. Their services are available only through physicians. Links to Fairfax Identity Labs and Mitotyping Technologies.• They offer:<ul style="list-style-type: none">▪ Pharmacogenomics▪ Paternity and forensics▪ Predisposition testing• Their products are as follows:<ul style="list-style-type: none">○ PersonaGene Genetic Panels – this covers:<ul style="list-style-type: none">▪ Apolipoprotein (ApoE)▪ Cytochrome P450 2C9-VKORC1 (CYP2C9)▪ Cytochrome P450 2C19 (CYP 2C19)▪ Cytochrome P450 2D6 (CYP 2D6)

¹⁴ AIBioTech, <<http://www.aibiotech.com>> 22 January 2014. [Checked again 7 April 2014]. Checked again 26 January 2018 – no longer operating.

- Cytochrome P450 3A4 and 3A5
- Factor II (Prothrombin)
- Factor V Leiden
- L-asparaginase Assay for Leukemia Patients¹⁵
- U-Swab Genital Pathogen Testing¹⁶ – this includes:
 - Bacterial Vaginosis (BV) Panel
 - Candida Vaginitis (CV) Panel
 - Urogenital Mycoplasma and Ureaplasma Panel (UroGen Quad)
 - Herpes subtype (HSV-1, HSV-2)
 - Human Papilloma Virus (HPV) Genotyping
 - Group B Streptococcus (GBS)
 - Cystic Fibrosis(CF) DNA Screening
 - Cytomegalovirus (CMV)
 - Leukorrhea Panel
- KRAS-BRAF Testing for Colorectal Cancer Mutations¹⁷

13) **American Paternity**¹⁸

Ohio, USA
No address provided.
Phone
1-800-281-2906

- Paternity
- Maternity Testing
- Grandparentage Testing
- Siblingship Test

¹⁵ AIBioTech, 'L-asparaginase Assay for Leukemia Patients' <<http://www.aibiotech.com/services/medical-services/l-asparaginase-assay-leukemia-patients>> accessed 7 April 2014.

¹⁶ AIBioTech, 'U-Swab Genital Pathogen Testing' <<http://www.aibiotech.com/services/medical-services/u-swab-genital-pathogen-testing>> accessed 7 April 2014.

¹⁷ AIBioTech, 'KRAS-BRAF Testing for Colorectal Cancer Mutations' <<http://www.aibiotech.com/services/medical-services/kras-braf-testing-colorectal-cancer-mutations>> accessed 7 April 2014.

¹⁸ American Paternity, <<http://www.paternity.us/index.html>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. [Checked again 9 April 2014]. Web address now: <<https://dnacenter.com>> Checked again 26 January 2018 and still operating.

	Email questions@paternity.us	<ul style="list-style-type: none">• Twin Zygosity Testing• Genetic Reconstruction Test• Ancestry• This now seems to have been acquired or linked with DDC Diagnostics Center https://dnacenter.com 26 January 2018
14)	ANABOLICGenes¹⁹ Europe zone n°2 : Uhlandstrasse 20-25, 10623, Berlin, Allemagne American Zone : 2749 East Parleys Way Suite 100, Salt Lake City, UT, 84109, USA	<ul style="list-style-type: none">• Nutrigenomics• Athletic testing, described as athleticogenomics – test for €89 or \$96(US) or £59• Lab analyses performed by DNA Genotek• Has links with 23andMe• For health testing it links out to GeneticConcept²⁰• “ Use your 23andme interpretation of your raw data file to personalize your fitness and nutrition with the world-leading fitness dna testing company : AnabolicGenes• Our fitness dna testing service is now available for 23andme interpretation. Get your DNA-based training and nutrition plan for these goals : muscle building, weight loss, cardio and strength performances, and overall health. Our mission at Anabolicgenes is to take personalization of your nutrition and workout routine

¹⁹ ANABOLICGenes, <<https://anabolicgenes.com/en/index.html>> accessed 16 May 2016. Checked again 26 January 2018 and still operating.

²⁰ GenetiConcept, <<https://geneticconcept.com/order.html>> accessed 16 May 2016. Checked again 26 January 2018 and still operating.

		to the next level, with training plans and advice personalized to you using your raw data (23andme interpretation)." ²¹
15) AncestryDNA ²²	<p>UT, USA Address: Ancestry.com 360 W 4800 N Provo, UT 84604, USA</p> <p>United States (Contiguous 48 states, Alaska, Hawaii) 1-800-ANCESTRY (262-3787) (toll free) TTY Users: Dial 7-1-1, then ask the Communications Assistant (CA) to dial 1-800- 240-7608.</p> <p>United Kingdom 0800-404-9723 (toll free) Monday - Friday: 9:00 am - 10:00 pm GMT Saturday - Sunday: 9:00 am - 8:00 pm GMT Ireland</p>	<ul style="list-style-type: none">• Linked to Ancestry.com. It offers its service is currently €95 (as of 14 February 2018) (\$99 (US).[As of 10 August 2013]).• Ancestry.com is a website primarily focussed on tracing people's genealogy.• Ancestry.com was founded in 1983.

²¹ ANABOLICGenes, <<http://anabolicgenes.com/blog/en/23andme-interpretation/>> accessed 16 May 2016. Checked again 26 January 2018 and still operating.

²² AncestryDNA, <<http://ldna.ancestry.com/offers/buyKit.aspx>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. <<https://www.ancestry.co.uk/dna/>> Accessed in 2015, 2016, October, and December 2017, 26 January 2018.

	<p>1800-303-664 (toll free) Australia 1-800-251-838 (toll free) New Zealand 0-800-442-100 (toll free) Canada 1-800-958-9073 (toll free) *We do not offer French support on weekends. Sweden 020-091 0203 (toll free) Other Locations Country code for the United States + 801-494-8595</p>	
16)	<p>AncestrybyDNA²³ No phone number or address provided</p>	<ul style="list-style-type: none"> • Ancestry testing • Has maternal and paternal lineage options. • Owned by DNA Diagnostics Center Inc (DDC), which has trademarked its AncestrybyDNA service. Its ancestry testing services are used by several other DTC companies. • Has CLIA, CAP, ACLASS accreditations for relationship testing.
17)	<p>ANTAGENE²⁴ ANTAGENE France (Headquarters) : 6 allée du Levant CS 60001 69890 La</p>	<ul style="list-style-type: none"> • DTC for cats and dogs

²³ AncestrybyDNA, <<https://www.ancestrybydna.com/lineage-faq.php>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. Checked again 26 January 2018 - website not working.

²⁴ ANTAGENE, <<http://www.antagene.com/en>> accessed 22 January 2014. Checked again 26 January 2018

	<p>tour de Salvagny France <i>Customer service</i> <i>(french/english speaking)</i> Tél: +33 (0)4 37 49 90 03 Fax : +33 (0)4 37 49 04 89 Email : contact@antagene.com</p>	
18) Any Lab Test Now®²⁵	<p>Texas, USA Address: 5714 NW Loop 410, Ste # 500 San Antonio, TX 78238</p>	<ul style="list-style-type: none"> • Ancestry • Predisposition • STD testing • Paternity with legal option • Siblingship • Drug testing • Infidelity
19) Any Time Lab²⁶	<p>Has several locations in Florida Address: 1165 West 49th Street Unit 103, Hialeah FL 33012</p>	<p>Offers over 8000 lab tests including:</p> <ul style="list-style-type: none"> ○ Paternity Testing ○ Drug Testing ○ STD Testing ○ Poisons and Toxins Testing ○ Unknown Substance testing ○ Wellness Testing ○ Relationship testing ○ Infidelity testing
20) Apple's ResearchKit		<p>One to watch Developer platform for apps</p>

²⁵ Any Lab Test Now®, <<http://www.mylabsa.com/index.html>> accessed 28 August 2013. [Checked again 22 January 2014 and still operating]. Checked again 26 January 2018 and still operating.

²⁶ Any Time Lab, <<http://anytimelab.com/index.html>> accessed 7 April 2014. Checked again 26 January 2018 and still operating.

21) ARCpoint Labs ²⁷	South Carolina, USA Address: 220 North Main Street Suite 325 Greenville, SC 29601	<ul style="list-style-type: none">• Seems to be for order via physician, although they advertise for individuals. They also provide 'legal and judicial solutions' (26 January 2018)• [Listed as a collection site for Labcorp].• Paternity• Court Admissible DNA Testing• Maternity DNA Testing• Infidelity• Twin Zygosity• Ancestry testing• Athletic testing• Wellness• Also:• Urine Drug Testing• Hair Follicle Testing• Saliva Testing• Fingernail Testing• Sweat / Skin Patch Testing• Steroid Testing• Environmental Testing
22) Asper Biotech ²⁸	Estonia Address: Vaksali 17a, 50410 Tartu, ESTONIA Telephone +372	<ul style="list-style-type: none">• Paternity• Predisposition• Pre-symptomatic• Carrier testing

²⁷ ARCpoint Labs, <<http://www.arcpointlabs.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. Checked again 26 January 2018 and still operating.

²⁸ Asper Biotech, <<http://www.asperbio.com/genetic-tests>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 9 April 2014]. Checked again 26 January 2018 and still operating.

	7307 295 Fax +372 7307 298 E-mail info@asperbio.com	<ul style="list-style-type: none">• Athletic ability• Lactose intolerance• Animal testing
23)	AssureDNA²⁹ Operated by Anglia DNA Services Ltd Anglia DNA Services Ltd Norwich Reasearch Park, Colney Lane, Norwich, Norfolk, NR4 7UH Accredited by the UK Accreditation Service to the ISO 17025 International Standard for its paternity testing	<ul style="list-style-type: none">• Paternity test kit – sold online through various pharmacies.• Has a Code of Practice (26 January 2018)• Error message when trying to access terms and conditions (26 January 2018)
24)	AthGene³⁰	<ul style="list-style-type: none">• Also sells through Amazon.co.uk• AthGene Premium test available through Amazon for £295.00 (As of 23 February 2018)• Nutrigenetics• Fitness• Through their company website offer (23 February 2018):<ul style="list-style-type: none">▪ Fitness test £249▪ Nutrition test £249

²⁹ AssureDNA, <<http://www.assuredna.co.uk>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 30 April 2014]. Checked again 26 January 2018 and still operating.

³⁰ AthGene, <<http://www.athgene.com>> accessed 23 February 2018.

		<ul style="list-style-type: none"> ▪ Premium test £299
25)	Athleticcode ³¹ San Francisco, CA, USA Address: 930 Montgomery, Suite 501 San Francisco, CA 94133 415-578-9688 info@athleticcode.com	<ul style="list-style-type: none"> • DTC through physician • Athletic testing – APOE test • Concussion rehabilitation testing • [Website is malfunctioning 30 April 2014]
26)	Atlas Biomed ³² Atlas Biomed Group Limited, WeWork South Bank, 22 Upper Ground, London, SE1 9PD, United Kingdom	<ul style="list-style-type: none"> • Price for DNA tests as of 19 February 2018 €169 • Microbiome • Ancestry • Health • Nutrigenetics • Sport • Personal traits
27)	Atlas Sports Genetics ³³ Colorado, USA Address: Atlas Sports Genetics, LLC. 2845 29th Street	<ul style="list-style-type: none"> • Athletic ability, focussing on testing for variants of the ACTN3 gene. • Also does talent identification and sells athletic equipment.

³¹ Athleticcode, <<http://athleticcode.com>> accessed 10 August 2013. [Checked again 22 January 2014 and still operating]. [Checked again 9 April 2014]. Checked again 26 January 2018 and still operating.

³² Atlas Biomed Group Limited, <<https://atlasbiomed.com/ie>> accessed 7 February 2018.

³³ Atlas Sports Genetics, <<http://www.atlasgene.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 9 April 2014]. Checked again 26 January 2018 and still operating.

	Boulder, CO 80301	
28)	BalanceDiet™³⁴	<p>Has centres in:</p> <ul style="list-style-type: none"> Longview, TX Wareham, MA Atlanta (Buckhead), GA Oakland, MI Bismarck, ND Sunset, FL Manassas, VA <ul style="list-style-type: none"> • Weight Management Test. Samples are collected in person at their centre and then processed at a CLIA approved lab.
29)	Beta Paternity³⁵	<p>Address:</p> <p>DNA Technology Park 225 Corporate Court Fairfield, OH 45014, USA</p> <ul style="list-style-type: none"> • Now when you type http://www.betagenetics.com it comes up as www.dnacenter.com which is DDC DNA Diagnostics Center (26 January 2018) • Paternity • Relationship testing • Prenatal paternity testing • DNA banking • DNA profiling <p>‘Beta Paternity owns and operates its laboratory facilities located at the DNA Technology Park in Fairfield, Ohio. The Park is home to the largest commercial DNA testing</p>

³⁴ BalanceDiet, <<http://www.gobalancediet.com/about/about-balancediet/>> and < <https://gobalancediet.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 30 April 2014]. Checked again 26 January 2018 and still operating.

³⁵ Beta Paternity, <<http://www.betagenetics.com/terms.html>> and < <http://www.betagenetics.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. <http://www.betagenetics.com> it comes up as www.dnacenter.com which is DDC DNA Diagnostics Center (26 January 2018)

		facilities in the United States specializing in home and legal paternity testing, human genetics, and forensic DNA testing services'. ³⁶
30)	Beyond Nutrition ³⁷ UK Address: Berkhamsted, Hertfordshire, UK +44 (0)7980 215406	<ul style="list-style-type: none"> • Nutrigenomics • [Having problems with the website 13 August 2013] – website is working 28 August 2013. Website working on 10 April 2014. Website not working 26 January 2018.
31)	Biocod Biotech ³⁸ Matriz BH/MG Rua Aimorés, 66 - 6ºAndar Bairro Funcionários - CEP: 30140-070 (31) 3036.5000 Unidade Chapecó/SC (49) 3323-0018 Unidade Governador Valadares/MG (33) 3082.1002 0800 283 5505 dna@biocod.com.br	Most of the website is only available in Portuguese Malware website warning 26 January 2018

³⁶ Beta Paternity, 'About Beta Paternity' < <http://www.betagenetics.com/about-beta-paternity.html>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 30 April 2014].

³⁷ Beyond Nutrition, <<http://www.beyond-nutrition.co.uk/dna-diet/>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Website not working 26 January 2018.

³⁸ Biocod Biotech, <<http://www.biocod.com.br/about-biocod/>> accessed 22 January 2014. [Checked again 28 January 2014 and still operating]. Malware website warning 26 January 2018

<p>32) BioClinics (Genetic Health Management)³⁹</p>	<p>Current address 26 January 2018: Crystal Health Group The Old Chapel, 53 Peel Street Manchester , M30 0NG</p> <p>t: 0800 988 7107 e: info@crystal-health.co.uk Old address: UK: Freephone 0800 032 5945 Republic of Ireland: Freephone 1800 806 151 International: 0044 (0)161 359 4180</p>	<ul style="list-style-type: none">• Now comes up as Crystal Health Group 26 January 2018• On the home page there is this message:• <u>https://www.crystal-health.co.uk/service-currently-unavailable/</u> (26 January 2018)• Crystal does:<ul style="list-style-type: none">Genetic Health testsPolygraph testsDrug tests• Old information (2014):• Nutrigenomic• Its main product is the Your Weight Loss DNA Test• Has a list of certified trainers and nutritional therapists.• Founded by Nichola McChrystal who 'has carried out extensive research regarding the Weight Loss DNA Test'.⁴⁰
<p>33) Bio Logis⁴¹</p>	<p>bio.logis Zentrum für Humangenetik Altenhöferallee 3 60438 Frankfurt am Main Germany Tel.: +49 – 69 – 59 79 70 300</p>	<ul style="list-style-type: none">• A variety of services, which are offered via physician or direct to consumer.• They offer a variety of packages. These are:<ul style="list-style-type: none">○ PGS.nutrition○ PGS.pharma○ PGS.prevention

³⁹ BioClinics, 'About' <<http://www.weightloss-dnatesting.co.uk/about>> accessed 7 April 2014. Now comes up as Crystal Health Group 26 January 2018

⁴⁰ BioClinics, 'About' <<http://www.weightloss-dnatesting.co.uk/about>> accessed 30 April 2014.

⁴¹ Bio Logis, <<https://pgsbox.com>> accessed 22 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

	info@bio.logis.de https://www.biologis.com	<ul style="list-style-type: none">○ PGS.carrier○ PGS.complete○ PGS.clopidogrel○ PGS.lactose○ PGS.statins○ PGS.thrombosis
34) Biotechnology Group Inc ⁴²	NJ, USA 777 Terrace Ave, Hasbrough Heights NJ 07604 Phone Number: 201.727.1000	<ul style="list-style-type: none">• No longer operating (26 January 2018)• Health related testing including:<ul style="list-style-type: none">○ Age-related macular degeneration○ Alzheimer's disease, late onset○ Amyotrophic lateral sclerosis (sporadic)○ Asthma○ Atrial fibrillation○ Breast cancer (females only)○ Colorectal cancer○ Coronary artery disease○ Diabetes, Type 1○ Diabetes, Type 2○ Glaucoma○ Hypertension○ Leukemia, chronic lymphocytic○ Lung cancer○ Melanoma○ Multiple sclerosis○ Myocardial infarction○ Obesity

⁴² Biotechnology Group Inc, <<http://www.biotechnologygroup.com/index.html>> accessed 22 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 – no longer operating.

- Osteoarthritis
- Parkinson's disease
- Peripheral arterial disease
- Prostate cancer (males only)
- Psoriasis
- Rheumatoid arthritis
- Systemic lupus erythematosus
- Ulcerative colitis
- Carrier status including:
 - -Methylcrotonyl-CoA carboxylase deficiency
 - Acrodermatitis enteropathica
 - Alpha-1 antitrypsin deficiency
 - Amyotrophic lateral sclerosis
 - Argininosuccinate lyase deficiency
 - Autoimmune polyglandular syndrome, type I
 - Bartter syndrome type 4A
 - Beta-ketothiolase deficiency
 - Beta-thalassemia
 - Biotinidase deficiency
 - Bloom syndrome
 - Canavan disease
 - Carnitine deficiency, primary systemic
 - Cerebrotendinous xanthomatosis
 - Citrullinemia type I
 - Corticosterone methyl oxidase deficiency
 - Crigler-Najjar syndrome
 - Cystic fibrosis
 - Diabetes, permanent neonatal
 - Dihydropyrimidine dehydrogenase deficiency

- Dubin-Johnson syndrome
- Ehlers-Danlos syndrome, dermatosparaxis
- Ehlers-Danlos syndrome, hypermobility
- Ehlers-Danlos syndrome, kyphoscoliotic
- Ethylmalonic aciduria
- Factor XI deficiency
- Familial dysautonomia
- Familial Mediterranean fever
- Fanconi anemia
- Galactokinase deficiency
- Galactosemia
- Gaucher disease
- Glutaric acidemia, type 1
- Glycogen storage disease, type 1A
- GM1-gangliosidosis
- Hearing loss, DFNB1 and DFNB9 nonsyndromic
- Hearing loss, DFNB59 nonsyndromic
- Hemochromatosis
- Hemoglobin C
- Hemoglobin E
- HMG-CoA lyase deficiency
- Homocystinuria, cbIE type
- Homocystinuria, classic
- Hurler syndrome
- Krabbe disease
- Lipoprotein lipase deficiency, familial
- Maple syrup urine disease
- Medium-chain acyl-CoA dehydrogenase deficiency
- Pharmacogenetic – drug response tests including:

		<ul style="list-style-type: none"> ○ Abacavir Hypersensitivity ○ Aminoglycoside Antibiotics Induced Hearing Loss ○ Caffeine Metabolism ○ Carbamazepine Hypersensitivity ○ Clopidrogrel Metabolism ○ Methotrexate Toxicity ○ Estrogen supplementation (HRT, birth control): risk of venous thrombosis (females only) ○ Statin Induced Myopathy ○ Statin protection against myocardial infarction ○ Tamoxifen Response ○ Warfarin Metabolism <ul style="list-style-type: none"> • Also nutrigenomic and diet and lifestyle
35)	Bio Wellness Inc ⁴³ Bio Wellness, Inc. 535 Brentwood Blvd. Copley, OH 44321 330-670-9895 michaelw@biowellinc.com chrisjanelli@biowellinc.com cwilly@biowellinc.com	<ul style="list-style-type: none"> • 26 January 2018 – is still operating • Seems to be aimed more at physicians. However, the website is not functioning properly [22 January 2014]. • It is not clear how you order anything. • Checked again 10 April – the website still exists, but not sure that the company is operating.
36)	Boston Paternity ⁴⁴ 340 Harvey Road Manchester, NH 03103, USA	<ul style="list-style-type: none"> • Paternity with legal options • Relationship • Child DNA profile • Infidelity

⁴³ Bio Wellness Inc, <<http://www.biowellinc.com/index.html>> accessed 22 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

⁴⁴ Boston Paternity, <<http://www.bostonpaternity.com/paternity-dna-testing/overview.aspx>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. Checked again 26 January 2018 and still operating.

		<ul style="list-style-type: none"> • Immigration • Prenatal testing • Founded 1999.
37)	BritainsDNA ⁴⁵ support@britainsdna.com Ph: 0845 872 7634	<ul style="list-style-type: none"> • It ceased trading 3rd July 2017 – see https://isogg.org/wiki/BritainsDNA (26 January 2018) • [This has links with Scotlands DNA] • Ancestry • Founded in 2012.
38)	BRT Labs Inc ⁴⁶ 400 W. Franklin St., Baltimore, MD, 21201 USA Ph: 1-800-765-5170 contact@dnacenter.com	<ul style="list-style-type: none"> • Paternity • Relationship • Immigration
39)	Cambridge DNA Services ⁴⁷	<ul style="list-style-type: none"> • [This company is no longer operating 9 September 2013]. • Ancestry
40)	Canadian DNA Services ⁴⁸ 5515 130 Ave SE Calgary, Alberta, Canada T2Z 0N3	<ul style="list-style-type: none"> • Paternity – peace of mind • And legal option • Infidelity

⁴⁵ BritainsDNA, <<http://www.britainsdna.com>> accessed 8 September 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and no longer operating.

⁴⁶ BRT Labs Inc, <<http://www.brtlabs.com>> accessed 22 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

⁴⁷ Cambridge DNA Services, <<http://web.archive.org/web/20111228002431/http://www.cambridgedna.com>> accessed 9 September 2013.

⁴⁸ Canada DNA Services, <<https://canadiandnaservices.ca/>> 19 December 2017, checked again 26 January 2018 and still operating.

		<ul style="list-style-type: none"> • Forensics • Prenatal • Ancestry • Relationship testing
41) Carigen Caribbean Genetics ⁴⁹	<p>E. info@caribbeangenetics.com</p> <p>E. sales@caribbeangenetics.com</p> <p>P. 1-888-DNA-TEST</p> <p>P. 1-876-977-4342</p> <p>P. 1-876-935-8791</p>	<ul style="list-style-type: none"> • Ancestry <ul style="list-style-type: none"> ○ Y chromosomal ○ Mitochondrial ○ Informative markers • Relationship • Health • Forensics
42) The Carlson Company LLC ⁵⁰	<p>The Carlson Company LLC 6660 Delmonico Dr. Ste D- 425 Colorado Springs, CO 80919-1899</p>	<ul style="list-style-type: none"> • Infidelity • Date rape drug testing using hair strands or urine samples • Post-mortem • Cremains – testing of cremated person.
43) C2DNA (Canadian Centre for DNA Diagnostics) ⁵¹	<p>5120 75 Street Edmonton AB, T6H 6W2 Canada</p>	<ul style="list-style-type: none"> • Predisposition testing, has a variety of cancer related tests • Will soon be making available tests for other diseases,

⁴⁹ Carigen Caribbean Genetics, <<http://caribbeangenetics.com/about/#>> accessed 17 October 2016. Checked again 26 January 2017 and still operating. Checked again 19 February 2018 and still operating.

⁵⁰The Carlson Company LLC, <<http://thecarlsoncompany.net/infidelity.html>> accessed 20 January 2014. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

⁵¹ C2DNA, <<http://www.c2dna.com/index.html>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and website malfunctioning.

		such as Alzheimer's [these seem to be available now, as of 10 April 2014].
		<ul style="list-style-type: none"> • Nutrigenomics – diet test • Athletic performance • Drug sensitivity
44)	CD Genomics ⁵²	<p>45-16 Ramsey Road Shirley, NY 11967 USA Tel: 1-631-626-9181 Fax: 1-631-614-7828 Email: info@cd-genomics.com</p> <ul style="list-style-type: none"> • Can send an inquiry regarding order, but it is likely that this is really only available through physicians. • They offer whole genome sequencing and a variety of other services including: <ul style="list-style-type: none"> ○ Exome sequencing ○ Whole genome mapping ○ Genome resequencing ○ Genetic diagnosis for hereditary disease ○ And Human MHC-Seq ○ Epigenomic sequencing • Founded in 2004.
45)	Cellmark ⁵³	<p>Abingdon, UK</p> <p>Registered Office: 16 Blacklands Way, Abingdon Business Park, Abingdon, Oxon, UK, OX14 1DY.</p> <ul style="list-style-type: none"> • Paternity and relationship testing • Maternity • Immigration • Hair drug testing • Alcohol testing

⁵² CD Genomics, <<http://www.cd-genomics.com>> accessed 29 January 2014. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

⁵³ Cellmark, <<https://www.cellmark.co.uk/geninfo/information.php>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 26 January 2018 and still operating.

<p>46) Center for Medical Genetics⁵⁴</p>	<p>CMG Telephone: Toll Free: 1.866.790.1990 Phone: 713.790.1990 Fax: 713.790.1903</p> <p>Houston Fannin Address (Headquarters): 7400 Fannin, Suite 700 Houston, Texas 77054</p> <p>Business Hours: Monday - Friday 8:00 A.M. - 5:30 P.M. U.S. Central Standard Time</p> <p>For Appointments Call: 713.790.1990</p> <p>Memorial Southwest 7777 Southwest Frwy, Ste 650 Houston, TX 77074 Business Hours: Tues 8:30am - 12:30pm Every other Wed 8:30am - 12:30pm</p> <ul style="list-style-type: none"> • Jewish diseases genetic testing • Ultra-Screen™ - Nuchal Translucency First Trimester Prenatal Screen • Second Screen™ - Second Trimester Prenatal Screen • Pregnancy loss genetic evaluation • Cystic fibrosis testing • Founded in 1997, this is a private academic institute, which has physicians on staff, so this is DTC but with doctors.
<p>47) Check Mate Test LLC⁵⁵ (Getcheckmate)</p>	<p>Pennsylvania, USA Has offices in Australia, UK, Finland, and Greece.</p> <ul style="list-style-type: none"> • Infidelity • The kit has been on the market since 1999.
<p>48) And also has the website Checkmatetest.com⁵⁶</p>	<p>Address: CheckMate Test Corporate Headquarters: Check Mate Test LLC</p> <ul style="list-style-type: none"> • Infidelity • Parentage test • Also sells spy equipment and lock picking equipment

⁵⁴ Center for Medical Genetics, <<http://www.geneticstesting.com>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. Checked again 26 January 2018 and may not be operating – website not displaying.

⁵⁵ CheckMate Test LLC, <<http://www.getcheckmate.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 30 April 2014] Checked again 26 January 2018 and still operating.

⁵⁶ CheckMate Test, <<http://www.checkmatetest.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. Checked again 19 December 2017 and still operating. Checked again 14 February 2018 and still operating.

	984 Bristol Pike Bensalem, PA 19020. United States	
49) China Life Science Holding Group Ltd (CLS) ⁵⁷	Based in Hong Kong	<ul style="list-style-type: none"> • Whole genome • Child talent • Beauty test • Diabetes test
50) Color Genomics ⁵⁸	1801 Murchison Dr #128, Burlingame, CA 94010, United States Clients: support@getcolor.com Providers: providers@getcolor.com Security: security@getcolor.com Press: press@getcolor.com	<ul style="list-style-type: none"> • Specialises in breast and ovarian cancer testing • Ordering via physicians <p>From the website:</p> <p>Included with Color:</p> <ul style="list-style-type: none"> • Comprehensive analysis of 19 genes (including BRCA1 and BRCA2) associated with an increased risk of breast or ovarian cancer. • Analysis of your personal and family health history to inform your results. • Consultation with a board-certified genetic counselor from Color and results shared with your healthcare provider, if desired.

⁵⁷ China Life Science Holding Group Ltd (CLS), <<http://www.clsgrouphk.com/en/>> accessed 19 December 2017. Checked again 14 February 2018 and still operating.

⁵⁸ Color Genomics, <<https://getcolor.com>> accessed 4 November 2015. Checked again 19 December 2017 and still operating. Checked again 14 February 2018 and still operating.

		<ul style="list-style-type: none"> • A physician designated by Color will review your information and order your test. If any questions arise, the physician may contact you’. • Price \$249 at 16 May 2016
51) Cosmetics DNA ⁵⁹	<p>Dr M Burstein Laboratories E-mail: geninn@netvision.net.il Tel: (+972) - 8-675-1146 Fax: (+972) - 8-675-1140</p>	<ul style="list-style-type: none"> • Lifestyle and anti-aging (derma genomics) • Nutrigenomics • Predictive/susceptibility
52) Consumer Genetics ⁶⁰	<p>Santa Clara, California, USA Consumer Genetics, Inc. - The Pink or Blue® Company 1951 Colony St. Unit T, Mountain View, CA 94043, USA Phone: 1-(408)789-6864</p>	<ul style="list-style-type: none"> • Paternity • Relationship testing <ul style="list-style-type: none"> ○ Grandparent ○ Sibling [some tests are currently unavailable 22 August 2013]. • Hair alcohol • Drug testing • Pink and Blue Gender testing
53) Counsyl ⁶¹	<p>Counsyl, Inc. 180 Kimball Way South San Francisco, CA 94080</p>	<ul style="list-style-type: none"> • As of 14 February 2018: <ul style="list-style-type: none"> ○ Foresight Carrier Screen ○ Prelude Prenatal Screen

⁵⁹ Cosmetics DNA, <<http://www.cosmetics-dna.com/index.htm>> accessed 30 April 2014. Checked 18 February 2018 and website not loading, may no longer be operating.

⁶⁰ Consumer Genetics, <<http://www.consumergenetics.com>> accessed 28 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 19 December 2017 and still operating. Checked again 14 February 2018 and still operating.

⁶¹ Counsyl, <<https://www.counsyl.com>> accessed 28 January 2014. [Checked again 10 April 2014]. Checked again 14 February 2018 and still operating.

	<p>Phone 1-888-COUNSYL (1-888-268-6795) Fax 608-541-2450 Email Clinics and patients: support@counsyl.com General inquiries: contact@counsyl.com Media inquiries: press@counsyl.com CLIA License Number 05D1102604 CAP Accreditation 7519776 AU-ID: 1586635</p>	<ul style="list-style-type: none">○ Reliant Cancer Screen.• Offers a blood test which must be performed by a physician• This is primarily carrier testing• They offer genetic counselling
54) Cygene Direct ⁶²	<p>Florida, USA Address: 7786 Wiles Rd Coral Springs, FL 33067</p>	<ul style="list-style-type: none">• Ordering website is malfunctioning, when you click on the shop link, it takes you to dnatestnow.com, but the page does not load [22 August 2013]. [Still not working 28 August 2013], [still not working 9 September] [Checked again 10 April and website is still malfunctioning].• Athletic performance• Glaucoma and Macular Degeneration• Osteoporosis

⁶² Cygene Direct, <<http://cygene.infinityarts.com>> accessed 9 September 2013. [Checked again 28 January 2014 and still operating]. Checked again 14 February 2018 and not sure if still operating. Check again.

55) Dadchecksilver ⁶³	UK, owned by Complement Genomics Ltd Address: Complement Genomics Ltd 129i Bioscience Centre Business and Innovation Centre Sunderland Tyne & Wear SR5 2TJ	<ul style="list-style-type: none">• Thrombosis• As of 14 February 2018:<ul style="list-style-type: none">○ Personal information Paternity testing £145○ Parentage for legal purposes £349○ Personal information DNA test £145<ul style="list-style-type: none">▪ Sibling▪ Avuncular▪ Grandparent• Previously: Paternity – 1 child and alleged father = £145 [22 August 2013]• Has legal options.• They have a different website aimed at lawyers, local authorities, and social services, which is called Dadcheckgold, <http://www.dadcheckgold.com> accessed 7 April 2014. – Mailing address is: Complement Genomics Ltd (dadcheck@gold), Unit 129i, BIC, Wearfield, Sunderland, SR5 2TA, UK.• Also has the website www.dadcheck.com
56) Dante Labs ⁶⁴	'Dante Labs is a global NGS-based biotech company with offices in New York and Europe.'	<ul style="list-style-type: none">• Also sells through Amazon.co.uk• As of 23rd February 2018 offers:<ul style="list-style-type: none">○ Whole genome sequencing for €649.00 (this is a

⁶³ Dadchecksilver, <<http://www.dadchecksilver.com/who-are-we.htm>> accessed 9 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 14 February 2018 and still operating.

⁶⁴ Dante Labs, <<https://www.dantelabs.com>> accessed 23rd February 2018.

	379 West Broadway, Suite 538, New York, NY 10012	<p>special price, normally €850.00)</p> <ul style="list-style-type: none"> ○ Health, Wellness, and Longevity €129.00 ○ Whole exome €499 ○ Common hereditary cancers €399 ○ Breast and Ovarian Cancer €199 • NIPT non invasive prenatal test €349.00
57)	<p>Darwin Dieticians⁶⁵</p> <p>Australia</p> <p>Address: Darwin Private Hospital Rocklands Drive, TIWI 0810, Australia</p>	<ul style="list-style-type: none"> • (14 February 2018) – offers: <ul style="list-style-type: none"> ○ genetic test for weight loss ○ genetic test for sport performance ○ also polymorphisms in MTHFR gene • Nutrigenetics and sport • This is run by dieticians, who offer genetic testing for weight loss and sports performance through Darwin Private Hospital.
58)	<p>DeCODEme⁶⁶</p> <p>Now owned by Amgen- California, USA</p>	<ul style="list-style-type: none"> • NOTE- NO LONGER DTC AS OF JANUARY 2013. However, it does still make its Privacy Policy, Code of Conduct and Terms of Use available on its website. • Pre-symptomatic • Predictive/susceptibility • Founded in 1996

⁶⁵ Darwin Dieticians, <<http://www.darwindieticians.com.au>> accessed 22 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 14 February 2018 and still operating.

⁶⁶ DeCODEme, <<http://www.decodeme.com>> accessed 22 August 2013. [Checked again 28 January 2014 and still operating, but not as DTC].

<p>59) Definite DNA⁶⁷</p>	<p>Only has phone number 855-9-DEF-DNA They have collection sites throughout the USA, but do not provide addresses.</p>	<ul style="list-style-type: none"> • Samples must be collected either at one of their clinics or by a member of their staff who makes home visits. • Paternity with legal options • Relationship (Sibling, Grandparent) • Immigration • Legal Forensic Casework • Estate Planning
<p>60) Dermagenetics⁶⁸</p>	<p>Florida, USA Address: DERMAGENETICS, INC. 8250 EXCHANGE DRIVE, SUITE 120, ORLANDO, FL 32809 TEL: 1-888-877-0703.</p>	<ul style="list-style-type: none"> • DNA profile of skin and skincare products • Provides a list of practices that offer its services • Also sells supplements • This is a division of GeneLink Inc • GeneLink was founded in 1994
<p>61) Determigene⁶⁹</p>	<p>Kirkland, WA, USA</p>	<ul style="list-style-type: none"> • Paternity • Relationship testing <ul style="list-style-type: none"> ○ Siblingship ○ Twin zygosity ○ Avuncular • Immigration • Infidelity • Ancestry

⁶⁷ Definite DNA, <<http://defdna.com/our-advantage/>> accessed 12 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked 14 February 2018 and website not working. Probably no longer operating.

⁶⁸ Dermagenetics, <<http://dermagenetics.com>> accessed 22 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked 14 February 2018 and website not working. Probably no longer operating.

⁶⁹ Determigene, <<http://www.determigene.com>> accessed 22 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked 14 February 2018 and still operating.

		<ul style="list-style-type: none"> • Storage of DNA samples • DNA registry for adoptees
62)	DexaFit LLC ⁷⁰	<p>Has a number of US locations 401 Edith Boulevard Southeast, Albuquerque, NM, United States</p> <ul style="list-style-type: none"> • Fitness testing • Nutrigenetics • 3D body scan • Has 3 different plans where people pay monthly either \$5 a month, \$29 or \$49 (16 February 2018) • 3D Body scan for \$50 • RMR Metabolic test for \$150 • VO2 Cardio Firntess \$150 • DXA Body Composition Scan \$150
63)	Diagnomics ⁷¹	<p>Diagnomics, Inc. 5795 B Kearny Villa Rd. San Diego, CA 92123 Toll Free: (800) 605-8422 Regular Line: (858) 345-5105 Fax: (858) 909-8209 email : info@diagnomics.com</p> <ul style="list-style-type: none"> • Think this is only available through physicians. They are a research company as well, which have a joint venture with the largest research laboratory in Korea. • Digital genome fingerprinting • Non-invasive fetal diagnosis
64)	DNALYSIS Biotechnology ⁷²	<p>Thrupps Centre, South Block, 204 Oxford Rd, Illovo, 2196, South Africa</p> <ul style="list-style-type: none"> • As of 14 February 2018: <ul style="list-style-type: none"> ○ Nutrigenomics: <ul style="list-style-type: none"> ▪ DNA Diet ▪ DNA health

⁷⁰ DexaFit, <<https://www.dexafit.com>> accessed 14 February 2018. Checked 16 February 2018

⁷¹ Diagnomics, <<http://www.diagnomics.com>> accessed 27 January 2014. Checked 14 February 2018 and still operating.

⁷² DNALYSIS Biotechnology, <<http://www.dnalysis.co.za/About-us.aspx>> accessed 22 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 19 December 2017 and still operating. Checked 14 February 2018 and still operating.

		<ul style="list-style-type: none">▪ DNA oestrogen▪ DNA sport○ Pharmacogenomics:<ul style="list-style-type: none">▪ 62 genetic variations within 20 genes – approx. 150 prescription drugs▪ 4 options: mygeneRX,• Previously: Nutrigenomic testing – focus on diet and metabolism<ul style="list-style-type: none">○ DNA Diet○ DNA Fit○ DNA Health• Also sell the Pink or Blue prenatal gender test• Links to Wellcome Trust website for information on genomic science http://genome.wellcome.ac.uk/interactive/zoom/index.html
65) DNA Ancestry Project ⁷³	Owned by Genebase, Addresses: In Canada (Headquarter) Genebase Systems, Inc. 200 - 2806 Kingsway Vancouver BC V5R 5T5 Canada <i>In USA:</i> Genebase Systems, Inc.	<ul style="list-style-type: none">• [Has links with Genebase].• Ancestry testing

⁷³ DNA Ancestry Project, <http://www.dnaancestryproject.com/ydna_intro_about.php> accessed 10 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 19 December 2017 and still operating.

	#180 - 4616 25th Avenue NE Seattle, WA 98105 United States	
66) DNA Ancestry & Family Origin ⁷⁴	Dubai, UAE Address: UAE Floor No: 19, Office No: 1909 Shatha Tower, Dubai Media City P.O.Box No: 212671 Dubai, United Arab Emirates Email:info@dnaancestry.ae Tel: +971-4-4503875 Fax: +971-4-4503874	<ul style="list-style-type: none"> • As of 18 February 2018 offers: <ul style="list-style-type: none"> ○ Maternal ancestry line ○ Paternal ancestry line ○ Family finder ○ Combined tests • [NOTE: this is a Middle East division of Family Tree DNA, owned by Gene by Gene]. Ancestry testing
67) DNA Bioservices ⁷⁵	Australia Has offices in: Sydney, Brisbane, Perth, Adelaide, and Melbourne. Sydney: Level 23, Tower 1 520 Oxford St Bondi Junction Sydney NSW Brisbane: Northbank Plaza	<ul style="list-style-type: none"> • As of 16 February 2018 offers: <ul style="list-style-type: none"> ○ Paternity test for \$295 (AUD) ○ NATA Legal Paternity test \$595 (AUD) ○ Pre-natal non-invasive Paternity \$1595(AUD) ○ Maternal lineage \$695(AUD) ○ Y Chromosome DNA Test \$650 (AUD) ○ Sibling ○ Grandparent ○ Twin • Paternity with legal option • Relationship testing • Ancestry testing • Twin testing

⁷⁴ DNA Ancestry & Family Origin, <http://www.dnaancestry.ae/index_eg.php> accessed 11 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 18 February 2018 and still operating.

⁷⁵ DNA Bioservices, <<http://www.dnabioservices.com.au/>> accessed 13 May 2014. Checked 16 February 2018 and still operating.

Level 22
69 Ann St
Brisbane QLD

Perth:
Level 3,
267 St Georges
Terrace
Perth WA

Adelaide:
PO Box 343
Hahndorf
SA 5245

Melbourne:
Level 5
11 Queens Rd
Melbourne VIC

68) **DNA Clinics**⁷⁶

Based in Ireland and the UK.
They have a large number of
collection sites, including one
in Ethiopia.
UK: Freephone 0800 032
5945
Republic of Ireland:

- Ancestry
- Paternity
- Relationship
- Founded in 2005 and is now part of the BioClinics Group

⁷⁶ DNA Clinics, 'About' <<http://www.dnatestingclinics.co.uk/about>> accessed 16 April 2014. Checked again 18 February 2018 and still operating.

	<p>Freephone 1800 806 151 International: 0044 (0)161 359 4180</p>	
69) DNA Connect ⁷⁷	<p>Has several offices in Pennsylvania and New Jersey, USA Addresses: 4708 N 5th St Philadelphia, PA 19120 1024 W Airy St Norristown, PA 19401</p>	<ul style="list-style-type: none"> • As of 18 February 2018 loads as DDC DNA Diagnostics Center • Paternity – has legal option as well • Prenatal • Siblingship • Immigration • Drug abuse testing • Infidelity testing
70) DNA Consultants ⁷⁸	<p>Arizona, USA Address: DNA Consultants 26438 N. 42nd Way Phoenix, AZ 85050</p>	<ul style="list-style-type: none"> • Ancestry
71) DNA Diagnostics Center ⁷⁹ (DDC)	<p>USA, and also UK: Address:</p>	<ul style="list-style-type: none"> • Specialises in ancestry testing for Native Americans • Also does paternity with legal option

⁷⁷ DNA Connect, <<http://www.dnaconnect.com>> accessed 11 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 18 February 2018 and still operating.

⁷⁸ DNA Consultants, <<http://www.dnaconsultants.com>> accessed 16 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 10 April 2014]. Checked again 18 February 2018 and still operating.

⁷⁹ DDC DNA Diagnostics Center, <<http://www.dnacenter.com>> accessed 16 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

	DDC World Headquarters One DDC Way Fairfield, OH 45014 United States of America	<ul style="list-style-type: none">• And relationship testing• DNA banking• DNA profiling• Human cell line authentication• Veterinary testing• Has trademarked its AncestrybyDNA service.⁸⁰
72) DNA Diagnostics Centre⁸¹ (DDC)	UK Address: DNA Diagnostics Centre Britannia House 11 Glenthorne Road London, W6 0LH	<ul style="list-style-type: none">• Has 2 different websites in the UK• Has several different websites for different countries and available in a large number of languages, including French, Dutch, Belgian, Italian, German, Turkish, Greek, Croatian and Romanian.• Paternity with legal option• Maternity• Relationship testing<ul style="list-style-type: none">○ Grandparentage○ Genetic reconstruction○ Siblingship○ Aunt or uncle○ Twin zygoty• Genetic profiling• Ancestry• Immigration

⁸⁰ LegalForce Trademarkia, 'AncestrybyDNA WorldView' <<http://www.trademarkia.com/ancestrybydna-worldview-86129396.html>> accessed 1 May 2014.

⁸¹ DDC DNA Diagnostics Centre, <<http://www.dna-bioscience.co.uk>> accessed 16 August 2013 [Checked again 11 April 2014]; and <<http://www.dnacentre.co.uk>> accessed 16 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

		<ul style="list-style-type: none"> • Forensics • DNA meat testing
73) DNA Diagnostics Ltd⁸²	<p>Laboratory based in Auckland, New Zealand. Has collection sites throughout New Zealand.</p> <p>Address: 43 Symonds St, Auckland, NZ</p> <p>Phone: (09) 571 6474 Fax: (09) 571 6475 Email: dna@dnadiagnostics.co.nz</p>	<ul style="list-style-type: none"> • Profiling • Paternity testing • Founded in 1989
74) DNA Dimensions⁸³	<p>Detroit 18720 Grand River Ave Detroit, MI 48223 - Phone: 313-831-5DNA (5362)</p> <p>Southfield 26677 W 12 Mile Road Southfield, MI 48034 - Phone: 248-497-9653</p>	<ul style="list-style-type: none"> • Tests must be performed at one of their locations and are by appointment only. • Their main focus does seem to be on paternity, although they provide other tests. • Health, including: <ul style="list-style-type: none"> ○ Alzheimer's Disease Risk ○ Hair Drug Abuse Test Hair Alcohol Abuse Test ○ Hair Drug Abuse Test Hair Drug Abuse Test ○ Hair Drug Abuse Test Early Fetal Gender Detection • Paternity • Ancestry

⁸² DNA Diagnostics, <www.dnadiagnostics.co.nz> accessed 13 May 2014. Checked again 18 February 2018 and still operating.

⁸³ DNA Dimensions, <http://detroitdna.com> accessed 7 April 2014. Checked again 18 February 2018 and website not loading, may no longer be operating.

		<ul style="list-style-type: none"> • Forensics • Relationship • Nutrigenomics <ul style="list-style-type: none"> ○ Weight Management DNA Test
75)	DNA DTC ⁸⁴	<p>Owned by Gene by Gene-Houston, Texas, USA</p> <ul style="list-style-type: none"> • Exome Sequencing 80x • Complete Genome Sequencing • Human Mitochondrial Test • GWAS Array - Illumina Omni ExpressNote: website has now become genebygene.com
76)	DNA Findings ⁸⁵	<p>Owned by Gene by Gene-Houston, Texas, USA DNA Findings A division of Genealogy by Genetics, Ltd.</p> <p>Address: World Headquarters 1445 North Loop West, Suite 820 Houston, Texas 77008, USA Phone: (832) 381-5410</p> <ul style="list-style-type: none"> • Paternity • Immigration • Forensic Infidelity • Legal DNA testing

⁸⁴ DNADTC <<http://www.dnadt.com/about.aspx>> accessed 1 February 2013. [Checked 11 April 2014 and still operating]. Checked again 18 February 2018 and still operating. It does not load as <www.genebygene.com>

⁸⁵ DNA Findings, <<https://www.dnafindings.com>> accessed 9 August 2013. [Checked again 11 April 2014 and still operating]. Checked again 18 February 2018 and still operating.

	Fax : (832) 201-7147	
77) DNA Genie ⁸⁶	DNA Genie Ltd Kao Hockham Building, Edinburgh Way, Harlow, Essex, CM20 2NQ. Phone: +44(0)1279 730808 Email: sales@dna-genie.com	<ul style="list-style-type: none"> • Paternity with legal options • Relationship testing including: <ul style="list-style-type: none"> ○ Maternity ○ Avuncular ○ Grandparentage • Weight management test • Genetic predisposition test for a large range of conditions including Lupus and Alzheimer's [it may not be offering this currently, as of 11 April 2014].
78) DNA Heritage ⁸⁷		<ul style="list-style-type: none"> • Ancestry [no longer operating, acquired by Family Tree DNA].
79) DNA Identifiers ⁸⁸	Oregon, USA Address: 5316 NE 15th Avenue, Portland OR 97211	<ul style="list-style-type: none"> • Has separate websites for Oregon and California: <ul style="list-style-type: none"> ○ <www.california-dna-testing.com> <www.oregon-dna.com> ○ and Dog DNA testing website - <www.dog-dna.com> • Paternity with legal options. • Maternity

⁸⁶ DNA Genie, <<http://www.dna-genie.com/?gclid=COjOn4zSo7wCFZHJtAodnWEAdA>> accessed 29 January 2014. [Checked again 11 April 2014]. Checked again 18 February 2018 and may no longer be operating. It seems to be advertising other DTC services.

⁸⁷ DNA Heritage, <<https://twitter.com/DNAHeritage>> accessed 9 September 2013. [Checked again 28 January 2014]. Checked again 18 February 2018 – it now loads as Family Tree DNA.

⁸⁸ DNA Identifiers, <<http://www.dna-testing-paternity.com/testing-services>> accessed 11 August 2013. [Checked again 31 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and may no longer be operating.

		<ul style="list-style-type: none"> • Ancestry • Relationship testing • DNA banking • Dog DNA testing • Immigration testing • Infidelity • Forensics • Secret DNA testing
80)	DNA Ireland ⁸⁹ DNA Ireland South Cork Industrial Estate, Vicar's Road, Cork	<ul style="list-style-type: none"> • Paternity –legal and non-legal option • Maternity • Relatedness • Ancestry – maternal and paternal
81)	DNA Labs ⁹⁰ NSW, Australia Address: Level 1, 14 Giffnock Avenue Macquarie Park, NSW 2113 Australia Mailing Address: Locked Bag 145 North Ryde, NSW 1670	<ul style="list-style-type: none"> • Paternity testing with legal option • Prenatal paternity testing • Relationship testing • Immigration testing

⁸⁹ DNA Ireland, <<http://www.dnaireland.ie/about.html>> accessed 10 February 2013. Checked again 18 February 2018 and still operating.

⁹⁰ DNA Labs, <www.dnalabs.com/home.aspx> accessed 13 May 2014. Checked again 18 February 2018 and still operating.

Australia		
82)	DNA Plus ⁹¹	<p>DNA Plus headquarters DNA Plus – Zentrum für Humangenetik UG (haftungsbeschränkt) Gewerbegasse 6 83395 Freilassing Germany +49 8654 4803 808 Also has branches in: UK, Australia, USA, and Canada</p> <ul style="list-style-type: none"> • Health • Nutrigenomic • Pharmacogenomic • Athletic ability
83)	DNA Print Genomics	<p>Was based in Sarasota, Florida, USA.</p> <ul style="list-style-type: none"> • [No longer operating, it ceased operations in 2009]⁹² • Ancestry testing • Forensics
84)	DNA Romance ⁹³	<p>UBC Vancouver DNA Romance LTD. Entrepreneurship at UBC 6163 University Boulevard Vancouver, BC Canada V6T 1Z1</p> <ul style="list-style-type: none"> • UBC project links to the Genes for Good project by the University of Michigan • 'At DNA Romance, we are deciphering the essential elements behind the "scent of love" and the ideal personality combinations for successful relationships full of love. We are pioneers in understanding of how DNA plays a role in human attraction and loving

⁹¹ DNA Plus, 'Products' <<http://www.dnaplus.de/en/products/dna-verdauung-3/>> accessed 3 February 2014. [Checked again 14 April 2014]. Checked again 18 February 2018 and still operating.

⁹² GenomeWeb staff reporter, 'DNAPrint Genomics Goes Bust' (*GenomeWeb Daily News*, 3 March 2009) <<http://www.genomeweb.com/dnaprint-genomics-goes-bust>> accessed 1 May 2014.

⁹³ DNA Romance, <<https://www.dnaromance.com>> accessed 19 December 2017.

		relationships. Our mission is to enrich peoples lives by helping them make genuine connections that hopefully lead to lasting love. We aim improve the accuracy of our romantic predictions with each new member.'
85) DNAQ⁹⁴ owned by Genomics For Life Pty Ltd	Queensland, Australia Address: Genomics For Life Pty Ltd (ABN: 69 163 460 937) Locked Bag 2019 ARCHERFIELD bc 4108	<ul style="list-style-type: none"> • Paternity • Maternity • Relationship • DNA profiling • Private investigation services • Genomics For Life Pty Ltd is a private pathology laboratory that focuses on personalised medicine⁹⁵ - they offer genetic counselling services as well.
86) DNA Services of America⁹⁶	Lafayette, Louisiana, USA	<ul style="list-style-type: none"> • Paternity • Family Relationship • Immigration • Infidelity • Native American Tribal Rights • Ancestry • Forensics and Animal
87) DNA Spectrum⁹⁷	Phoenix, AZ, USA Address: DNA Spectrum Headquarters	<ul style="list-style-type: none"> • Ancestry • Ethnicity

⁹⁴ DNAQ, <dnaq.com.au/about-us/> accessed 13 May 2014. Checked again 19 December 2017 and still operating.

⁹⁵ Genomics For Life Pty Ltd, <genomicsforlife.com.au> accessed 13 May 2014. Checked again 19 December 2017 and still operating.

⁹⁶ DNA Services of America, <<http://www.dnaso.com/dna-testing/>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

⁹⁷ DNA Spectrum, <<http://www.dnaspectrum.com>> accessed 8 September 2013. [Checked again 28 January 2014 and still operating]. Checked again 11 April 2014]. Checked again 18 February 2018 and may no loner be operating.

	<p>26438 N 42nd Way, Phoenix AZ 85050 United States Telephone: (800) 471-6164 M-F 9am-8pm EST info@dnaspectrum.com</p>	<ul style="list-style-type: none"> • Nutrigenomic – myDNAlifestyle coming soon [11 April 2014] • DNA Safe – DNA banking, subscription service \$2 a month
88) DNA Solutions ⁹⁸	<p>Has branches and websites in:</p> <ul style="list-style-type: none"> • Australia • New Zealand⁹⁹ • USA • UK • Belgium • Canada • Germany • Spain • Ireland • Romania • Russia • Chile 	<ul style="list-style-type: none"> • Paternity • Ancestry • Relationship testing: <ul style="list-style-type: none"> ○ Grandparents ○ Twins ○ Siblingship • Also does bird sexing
89) DNA Test ¹⁰⁰	<p>South Africa Address:</p>	<ul style="list-style-type: none"> • Terms of Service are coming up as a blank screen [15

⁹⁸ DNA Solutions, <www.dnanow.com> accessed 22 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

⁹⁹ DNA Solutions New Zealand, <www.dnasolutions.co.nz> accessed 13 May 2014. Checked again 18 February 2018 and still operating.

¹⁰⁰ DNA Test, <<http://www.dnatest.co.za>> accessed 8 September 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

	Suite 301, 3rd Floor, African Palms 9 Palm Boulevard Umhlanga, South Africa	August 2013]. • Paternity • Infidelity • Relationship • Ancestry [Sells AncestrybyDNA's test]
90) DNA Test.ie ¹⁰¹	easyDNA Ireland. Kandoy House, 2 Fairview Strand, Dublin 3, Co. Dublin, Ireland Telephone: +353 (1) 685 6929 FAX: +353 (1) 685 6932 E-mail: info@easydna.ie	• [May be a division of EasyDNA]. • Paternity testing, including legal paternity testing • Relationship testing • Discreet samples: • Infidelity
91) DNA Testing Center of America ¹⁰²	Madison, Wisconsin, USA Toll Free Tel: 1-877-714-6360 Toll Free Fax: 1-888-655-8877 Customer Support: support@dnatca.com Technical Support: lab@dnatca.com Accounts:	• Paternity testing • Court admissible paternity testing • Family relationship • Ancestry testing • Immigration testing

¹⁰¹ DNA Test, <<http://www.dnatest.ie/relationship-test-services/>> accessed 8 September 2013. [Checked again 28 January 2014 and still operating].

¹⁰² DNA Testing Center of America, <<http://www.dnatca.com>> accessed 10 February 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014].

	accounts@dnatca.com Web: http://www.dnatca.com/	
92) DNA Testing Centre Inc¹⁰³	DNA Testing Centre, Inc. 2601 Coolidge Rd, Suite 203 East Lansing, MI 48823-6361 Toll Free: 888-875-7574 Toll Free Fax: 800-886-2148 Local Fax: 517-349-5538 Email: Sales@DNATestingCentre.com	<ul style="list-style-type: none"> • Paternity • Maternity • Personal identity • Ancestry • Relationship • Infidelity • DNA storage
93) DNA Testing Centres of Canada¹⁰⁴	Email: DNACanada@gmail.com Oakville- Head Office 2378 Parkhaven Blvd Oakville, ON L6H 0E7 Toll Free: 1.866.863.5139 Tel: 905.582.5299 Fax: 1.866.476.4449 DNACanada@gmail.com	<ul style="list-style-type: none"> • Paternity Test • Allergy Testing • Prenatal Gender Testing • Carrier status testing • Drug response testing (pharmacogenetics) • Siblingship testing • Ancestry Ancestral Origins Testing • Diet and fitness optimization testing • Screening for Complex Genetic Conditions • Drug Testing

¹⁰³ DNA Testing Centre Inc, <<http://www.dnatestingcentre.com>> accessed 7 April 2014. [Checked again 11 April 2014]. Checked again 18 February 2018 and still operating.

¹⁰⁴ DNA Testing Centres of Canada, <<http://dnatestingcanada.com/about-us/>> accessed 7 April 2014. [Checked again 12 April 2014]. Checked again 18 February 2018 and still operating.

<p>94) DNA Traits¹⁰⁵</p>	<p>Owned by Gene by Gene- Houston, Texas, USA</p>	<ul style="list-style-type: none"> • Only accessible through physician now. [15 August 2013] • Is now called Gene by Gene 2 February 2014. • Carrier • Predictive/susceptibility • Now also does whole genome and whole exome sequencing. Also mtDNA sequencing and Illumina OMNI Express GWAS Studies
<p>95) DNA Tribes¹⁰⁶</p>	<p>Address: DNA Tribes P.O. Box 735 Arlington, VA 22216 USA</p>	<ul style="list-style-type: none"> • As of 19 February 2018 DNA Tribes Genetic Ancestry Analysis: Marker test for \$119 • Ancestry • Ethnicity
<p>96) DNA Worldwide¹⁰⁷</p>	<p>Address: K10 The Courtyard Jenson Avenue Commerce Park Frome, BA11 2FG UK Tel: +44 01373 751 130 UK Fax: +44 0845 2801732</p>	<ul style="list-style-type: none"> • As of 19 February 2018 offers: <ul style="list-style-type: none"> ○ Family Ancestry ○ Fatherline Ancestry ○ Motherline Ancestry ○ Paternity – Who’s the Dad £99 ○ Prenatal Paternity test £1235 ○ Immigration paternity test – Who’s the dad £388.80 ○ Immigration maternity test – Who’s the mum £388.80 ○ Drug and alcohol testing

¹⁰⁵ DNA Traits, <<http://www.dnatraits.com/about.aspx>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. Website is now <<https://www.genebygene.com/pages/dnatraits>> accessed 2 February 2014. [Checked again 11 April 2014].

¹⁰⁶ DNA Tribes, <<http://www.dnatribes.com>> accessed 8 September 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked again 18 February 2018 and still operating. Checked 19 February 2018 and still operating.

¹⁰⁷ DNA Worldwide, <<http://www.dna-worldwide.com>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked 19 February 2018 and still operating.

		<ul style="list-style-type: none"> ○ Extended family testing • Previously: <ul style="list-style-type: none"> ○ Paternity ○ Maternity ○ Ancestry ○ Relationship ○ Immigration ○ Drug and alcohol ○ Pet DNA testing
97)	DNAme¹⁰⁸	<p>UK Has booths. UK currently: The Centre: MK Milton Keynes MK9 3EP United Kingdom</p> <ul style="list-style-type: none"> • Ancestry testing • NOTE: setting up booths in France and UK
98)	DNA-Fingerprint¹⁰⁹	<ul style="list-style-type: none"> • [No longer operating – acquired by Family Tree DNA]. It instructs you to order through Family Tree DNA 28 January 2014].
99)	DNAFit¹¹⁰	<p>Has offices in Reading, UK, Chicago, USA, Bern,</p> <ul style="list-style-type: none"> • Has 4 options, all focus on genes associated with athletic performance or nutrigenomics

¹⁰⁸ DNAme, <<http://www.dna-me.co.uk>> accessed 9 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked 19 February 2018 and is no longer operating.

¹⁰⁹ DNA-Fingerprint, <<http://www.dna-fingerprint.com>> accessed 9 September 2013. [Checked again 28 January 2014]. Checked 19 February 2018 and still operating.

¹¹⁰ DNAFit, <<http://www.dnafit.com/uk/>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked 19 February 2018 and still operating. However, the UK version of the website is not displaying properly, but the .com site is working normally. <<https://www.dnafit.com>>

	Switzerland, Camps Bay, SA, and Russia. Address: Lasarow Healthcare Technologies Ltd 1st Floor West Davidson House, Forbury Square Reading RG1 3EU United Kingdom Tel: +44 (0) 845 463 4653 Reg no.: 8170208 VAT Reg. No.: 144482805	<ul style="list-style-type: none"> • It also provides a list of the company's accredited personal trainers
100) DNAForce ¹¹¹	Toronto and Montreal, Canada Address: DNAForce inc. 130 King West Suite 1800 Toronto, M5X 1E3 Canada	<ul style="list-style-type: none"> • Ancestry • Paternity with legal options • Relationship testing
101) DNA4Life ¹¹²	service@dna4life.com	<ul style="list-style-type: none"> • Skin • pharmacogenetics

¹¹¹ DNAForce, <<https://www.dnatest.ca>> accessed 12 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 11 April 2014]. Checked 19 February 2018 and may no longer be operating. Check again

¹¹² DNA4Life, <<https://www.dna4life.com>> accessed 9 November 2015. Checked 19 February 2018 and may no longer be operating.

102) DrGene ¹¹³	Israel based – lab processes sample in US, analysis performed in Israel – offering services in Hong Kong Room 41, Level 8, Core C, Cyberport 3, 100 Cyberport Road, Hong Kong	<ul style="list-style-type: none">• Now focused on selling software (19 February 2018)• Previously:<ul style="list-style-type: none">○ Nutrigenetics○ Pharmacogenetics○ Cancer disease risk• Hereditary Cancer Risk Assessment• Hereditary Disease DNA Screening• Pre-pregnancy tests
103) DNA Power ¹¹⁴	<p>https://www.dnapower.com/company/ Canada Founded 2008 dnaPower Lab PO Box 37136 RPO Lonsdale North Vancouver, BC, V7N 4M4 Canada</p> <p>P: 1-844-DNA-1DNA (362-1362) E:</p>	<ul style="list-style-type: none">• As of 19 February 2018 offers:<ul style="list-style-type: none">○ dietPower for \$299○ dietPower + fitPower \$599○ totalPower \$999 (discounted rate)• Diet and fitness tests• Health• Links out to SkinDNA• Also provides diet plans and fitness plans• nutrigenetics

¹¹³ DrGene, <<https://www.drgene.com/en/home>> accessed 8 November 2016. Checked 19 February 2018 and still operating, but sells software

¹¹⁴ dnaPowerLab, <<https://www.dnapower.com>> accessed 19 December 2017. Checked 19 February 2018 and still operating.

	customer@dnapower.com	
104) easyDNA ¹¹⁵	<p>Possibly California, but has offices worldwide. Also has websites and contact information for offices in a large number of countries.</p> <p>Address: easyDNA, Amphenol Business Centre, Floor 5, Thanet Way, Whitstable, Kent, CT5 3SB United Kingdom</p>	<ul style="list-style-type: none"> • As of 19 February 2018, price for home paternity test is £99 • Predisposition • Paternity with legal options • Relationship • Immigration • Infidelity • Baby gender • DNA profiles • Legal DNA test • Ancestry
105) Eurofins Medigenomix GmbH ¹¹⁶	Germany and UK	<ul style="list-style-type: none"> • Paternity with legal options • Relationship testing including: <ul style="list-style-type: none"> ○ Maternity ○ Siblingship • Ancestry [may not be doing this now – 14 April 2014] • Immigration • Forensics

¹¹⁵ easyDNA, <<http://www.easydna.co.uk>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked 19 February 2018 and still operating.

¹¹⁶ Eurofins Medigenomix GmbH, <<http://www.medigenomix.de/en/>> accessed 27 January 2014. [Checked again 14 April 2014].

		<ul style="list-style-type: none"> • Founded in 1998
106)	Eugene ¹¹⁷	<ul style="list-style-type: none"> • Weight loss DNA test • Sells through Amazon.co.uk as well.
107)	EuroPaternity ¹¹⁸ Canada, but has USA, UK, Russian, French, Spanish and German phone numbers and websites. Address: 355 Burrard Street BC V6 C, Vancouver CANADA	<ul style="list-style-type: none"> • NOTE: although the website is in English, not all of the English version of the website is in English, ie. the Questions section of the UK website is in French. • [Website malfunctioning 28 January 2014] [seems to no longer be functioning as of 14 April 2014] • Maternity • Paternity • Kinship • Infidelity
108)	Evergreen Life ¹¹⁹ UK based	<ul style="list-style-type: none"> • Nutrigenetics • DNA Diet test • Fitness test • Skin
109)	Existence Genetics ¹²⁰ California, USA	<ul style="list-style-type: none"> • Website says it is coming soon [27 January 2014]. [Still coming soon 14 April 2014] • Not sure may have gone under but there's this

¹¹⁷ Eugene, <<https://eugenedna.com>> accessed 23 February 2018.

¹¹⁸ Europaternity, <<http://www.europaternity.co.uk>> accessed 15 August 2013. [Checked again 28 January 2014]. [Checked again 14 April 2014].

¹¹⁹ Evergreen Life, <<https://www.evergreen-life.co.uk/evergreen-dna-diet>> accessed 7 February 2018.

¹²⁰ Existence Genetics, <<http://www.existencegenetics.com>> accessed 27 January 2014. [Checked again 14 April 2014]. Checked again 7 February 2018 and the website is working <<http://www.existencehealth.com/services.php>>

		<ul style="list-style-type: none"> • http://www.existencehealth.com/services.php health testing - this website is still working 7 February 2018
110) Fairfax Identity Labs ¹²¹	<p>Fairfax Identity Laboratories c/o AiBioTech, LLC 601 Biotech Drive Richmond, VA 23235 fax: 804.648.2641 email: info@fairfaxidlab.com phone: 1.800.848.4362</p>	<ul style="list-style-type: none"> • Specialises in identification with legal options • Forensic • Paternity • Relationship • Note: Linked with AIBioTech
111) Family Tree DNA ¹²²	<p>Owned by Gene by Gene-Houston, Texas, USA Address: Gene By Gene, Ltd. World Headquarters 1445 North Loop West, Suite 820 Houston, Texas 77008, USA For Sales: (713) 868-1438 Fax : (832) 201-7147</p>	<ul style="list-style-type: none"> • Ancestry testing
112) Gene by Gene ¹²³	<p>Gene By Gene, LTD. 1445 North Loop West, Suite</p>	<ul style="list-style-type: none"> • Owns a number of other companies including Family Tree DNA, African DNA, DNA Findings and formerly

¹²¹ Fairfax Identity Labs, <<http://www.fairfaxidlab.com>> accessed 27 January 2014. [Checked again 14 April 2014]. Checked 7 February 2018 and website not working, may no longer be operating.

¹²² Family Tree DNA <<http://www.familytreedna.com>> accessed 27 January 2014. [Checked again 14 April 2014]. Checked 2015, 2016, October and December 2017, 7 February 2018.

¹²³ Gene By Gene, <<http://genebygene.com>> checked 2014, 2015, 2016, 2017. Checked again 14 February 2018 and still operating.

	820 Houston, TX 77008 P. (713) 474-2401 F. (713) 230-8999	DNA Traits ¹²⁴ and DNA DTC. <ul style="list-style-type: none"> • Have a research laboratory in Texas • Whole exome and whole genome sequencing available, but must be ordered through physician
113) FitGenes ¹²⁵	Head Office Level 6/360 Queen Street, Brisbane QLD 4000 GPO Box 906 Brisbane QLD 4001 Branch Office 68-72 York Street, South Melbourne VIC 3205 T: 1300 348 436 37 F: +61 7 3229 7641	<ul style="list-style-type: none"> • Nutrigenomic • Only available through their practitioner.
114) Fitness Genes ¹²⁶	unclear	<ul style="list-style-type: none"> • Fitness DNA test • Sport and nutrigenetics
115) FitnessHub ¹²⁷	TEL: 01 5349454 ADDRESS: Unit 5 O'Rourke Park Sallynoggin Dun Laoghaire	<ul style="list-style-type: none"> • Athletics company • Offers DNA Fitness, by appointment only

¹²⁴ DNA Traits, <<http://www.dnatraits.com/about.aspx>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. Website is now <<https://www.genebygene.com/pages/dnatraits>> accessed 2 February 2014. [Checked again 11 April 2014].

¹²⁵ FitGenes, <<http://www.fitgenes.com>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked in 2015, 2016 and 2017. Checked again 7 February 2018 and still operating.

¹²⁶ Fitness Genes, <<https://fitnessgenes.com>> accessed 14 February 2018.

¹²⁷ FitnessHub, <<http://www.fitnesshub.ie>> accessed 30 April 2014. Checked again 19 February 2018 and no longer operating.

	Co Dublin info@fitnesshub.ie	
116) Forensics Genetics Center ¹²⁸	Toronto, Canada Address: Forensic Genetics Center 2175 Keele Street Toronto, Ontario M6M 3Z4 Canada	<ul style="list-style-type: none"> • Paternity • Forensic • Infidelity • Prenatal paternity • Prenatal gender test
117) ForuMed Biotechnology ¹²⁹	Greece MINOOS 24 PC 2042 STROVOLOS 0035722029280 0035722004278 info@forumed.gr KALYPSOUS 85-87 PC 17671 KALITHEA – ATHENS 6948885707 2130287581 info@forumed.gr	<ul style="list-style-type: none"> • Paternity • Predisposition • Founded in 2007
118) Foundation Medicine	150 Second Street	<ul style="list-style-type: none"> • Unclear how you order at present [27 January 2014].

¹²⁸ Forensics Genetics Center, <<http://www.forensicgeneticscenter.com/contact.asp>> accessed 10 February 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 19 February 2018 and still operating

¹²⁹ ForuMed Biotechnology, <<http://www.forumed.eu/επικοινωνία>> accessed 30 April 2014. Checked again 19 February 2018 and no longer operating.

Inc ¹³⁰	Cambridge, MA 02141 Phone: 617-418-2200 Fax: 617-418-2201	<ul style="list-style-type: none">• Think this is only available through physicians [14 April 2014].• 'Foundation Medicine (NASDAQ: FMI) is a molecular information company focused on fundamentally changing the way patients with cancer are treated. Our proprietary molecular information platform generates actionable genomic information about a patient's individual cancer, enabling physicians to optimize treatments in clinical practice and enabling biopharmaceutical companies to develop targeted oncology therapies more effectively. The Company's first clinical product, FoundationOne™, is the first commercially available comprehensive molecular information product designed for use in the routine care of patients with cancer'.
119) Full Genomes Corporation ¹³¹	Address: Full Genomes Corporation, Inc. 2275 Research Blvd, Suite 500 Rockville, MD 20850	<ul style="list-style-type: none">• [No privacy policy or terms 27 January 2014]. You may only be able to see these when you open an account.• Created an account and found that you can get Comprehensive Y-Chromosome Sequencing for \$1250.00, but the terms and conditions are still not available. [27 January 2014].• Ancestry

¹³⁰ Foundation Medicine Inc, <<http://www.foundationmedicine.com>> accessed 27 January 2014. [Checked again 14 April 2014].

¹³¹ Full Genomes Corporation, <<https://www.fullgenomes.com>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014].Checked 2016. Checked again 14 February 2018 and still operating.

120) FutureSkin ¹³²	Kate Kerr London Skin HQ is part of Kate Kerr London Ltd. Registered in England No. 10123643. Should you have any questions or queries we are happy to help. Please email info@katekerrskinhq.co.uk .	<ul style="list-style-type: none">• Skin care test
121) GATC Biotech AG ¹³³	Germany GATC Biotech AG (Headquarter) European Genome and Diagnostics Centre Jakob-Stadler-Platz 7 78467 Constance Germany Tel. +49 - 7531 81 60 0 Fax +49 - 7531 81 60 81 GATC Biotech AG European Custom Sequencing Centre Gottfried-Hagen-Straße 20 51105 Cologne	<ul style="list-style-type: none">• Variety of sequencing services, but this is aimed at industry and academia and consumers cannot order directly.

¹³²FutureSkin, <<https://katekerrskinhq.co.uk/tcs/#contact>> accessed 17 October 2016. Checked again 14 February 2018 and still operating.

¹³³GATC Biotech AG, <<http://www.gatc-biotech.com/en/index.html>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating.

Germany

Great Britain

GATC Biotech Ltd.
The London BioScience
Innovation Centre
2 Royal College Street
London, NW1 0NH
United Kingdom

France

GATC Biotech SARL
4 rue des Bonnes Gens
68100 Mulhouse
France
Tel. +33 - 97 04 46 743
Fax: +33 - 48 30 75 737

Sweden

GATC Biotech AB
Frösundaviks allé 15, 4tr
16970 Solna
Sweden
Tel. +46 - 8 655 3609
Fax: +46 - 8 655 2610

122) **Genebase**¹³⁴

In Canada (Headquarter)

Genebase Systems, Inc. 200
- 2806 Kingsway Vancouver
BC V5R 5T5 Canada

In US

Genebase Systems,
Inc. #180 - 4616 25th
Avenue NE Seattle, WA
98105 United States

- As of 14 February 2018 offers a wide range of tests:
 - DNA paternal ancestry test \$119
 - DNA Celiac Disease test \$249
 - DNA Warrior Gene test \$119
 - Promiscuity Gene DRD4 VNTR Test \$119
 - Anxiety & Depression DNA Test \$119
 - Aspirin and Colorectal Cancer Risk DNA Test \$89
 - Narcolepsy test \$195
 - DNA Alzheimer's Disease Risk Test \$195
 - Thrombotic risk \$249
 - Male Pair-Bonding Gene AVPR1A STR Test \$119
 - DNA Caffeine Sensitivity Test \$129
 - Lactose intolerance test \$129
 - Cardiovascular Disease Risk Factor (Apolipoprotein E) Genetic Test \$195
 - DNA Hemochromatosis Test \$195
 - DNA Warfarin Sensitivity Test \$195
 - Ashkenazi Jewish Mutation Panel DNA Test \$549
 - Fragile X Syndrome (FMR1) DNA Analysis with Reflex Test \$359
 - Autosomal DNA STR Marker Test for DNA Reunion \$99
 - Paternity \$99
 - Sibling \$150
 - Sickle Cell Disease (HbC, HbE and HbS) DNA Test \$195

¹³⁴ Genebase, <<http://www.genebase.com>> accessed 9 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 14 April 2014]. Checked 14 February 2018 and still operating

		<ul style="list-style-type: none"> ○ Cystic Fibrosis Mutation Analysis (39 Mutation Panel) DNA Test \$325 ○ Grandparent \$150 ○ Beta Thalassemia (HBB Gene Sequencing) DNA Test \$359 ○ Female Infidelity Gene AVPR1A SNP Test \$119 ○ Paternity and maternity combo \$164 ○ DNA maternity test \$150 ○ Twin test \$150 ○ Aunt/uncle \$150 ○ Cousin \$150 <ul style="list-style-type: none"> • Previously:Ancestry • Relationship testing
123)	GeneCare ¹³⁵ Australia	<ul style="list-style-type: none"> • Website is offline [13 May 2014] [still offline 3 July 2014] • Australia and India
124)	GeneticConcept ¹³⁶ Email: contact@geneticconcept.com 100 rue de la chapelle, 75018 Paris, France Corner Hutson&Eyre Street, Belize city, Belize	<ul style="list-style-type: none"> • (14 February 2018) Pharmacogenetics - Drug response (over 120 medications) • Skin • Fitness • Wellbeing • Service created by DNA Factory Ltd. Founded 2014.

¹³⁵ GeneCare, <www.genecare.com.au> accessed 13 May 2014.

¹³⁶ GenetiConcept, <https://geneticconcept.com> accessed 16 May 2016. Checked January 2018 and 14 February 2018 and still operating.

	Previously had a German address: Uhlandstrasse 20-25, 10623, Berlin, Germany	<ul style="list-style-type: none"> • Health testing, including: (covers 100 traits) • Brain DNA (neurogenetics) testing. • 2016 note: NOTE: looks like ANABOLIC and GentiConcept have same privacy policy and contract (looks very similar).
125) geneDecode™	Hong Kong	<ul style="list-style-type: none"> • talent test • health tests • cardiovascular • fitness • disease susceptibility
126) GenEffect¹³⁷	Has French phone number +33.9.81.39.92.68 and German address GenEffect® Dr. Claas Otto und Dr. Enrico Schmidt GbR Teichstrasse 24 04617 Fockendorf	<ul style="list-style-type: none"> • Athletic test – GenEffect Sports Performance test
127) Genefit¹³⁸	UK, but does not have address on website	<ul style="list-style-type: none"> • Nutrigenetics • Fitness • Performance DNA kkit for £99 • Performance kit and consultation £129

¹³⁷ GenEffect, <<http://www.geneffect.com/actn3/en/index.html>> accessed 13 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and may no longer be operating.

¹³⁸ Genefit, <<http://www.genefitdna.com>> accessed 14 February 2018. Checked 16 February 2018.

		<ul style="list-style-type: none">• Genetic consultation from Genefit DNA £40 (prices as of 16 February 2018)
128) GeneLex¹³⁹ has linked up with DDC DNA Diagnostics Center for paternity testing [14 August 2013] (name is Genelex though 14 February 2018)	Seattle, USA	<ul style="list-style-type: none">• Has options that are ordered through physicians and also collection sites.• As of 14 February 2018:• Tests for following health conditions:<ul style="list-style-type: none">○ Cancer○ Depression○ Diabetes○ Epilepsy○ Heart disease○ Pain○ Ulcers/acid reflux○ Also Pharmacogenomics<ul style="list-style-type: none">▪ Fluorouracil▪ Plavix▪ Tamoxifen▪ Strattera▪ Warfarin▪ 30+ Other medications• Previously: Prenatal• Paternity [not sure if they are still offering this 14 April 2014]<ul style="list-style-type: none">○ Has legal option as well which has different requirements:

¹³⁹ Genelex, <<http://genelex.com>> accessed 5 January 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked 2016. Checked again 14 February 2018 and still operating.

		<p>'For legally admissible paternity testing, a trained DNA collector will take a painless cheek swab sample at one of our 2200 collection locations...'</p> <ul style="list-style-type: none"> ○ 'For home paternity tests, you can easily collect cheek swabs yourself'. • Pharmacogenetic • Immigration DNA testing
129) GenePlanet ¹⁴⁰	<p>Slovenia Address: Tehnološki park Ljubljana Tehnološki park 24 1000 Ljubljana Slovenija But has laboratories in Italy and USA.</p>	<ul style="list-style-type: none"> • Website is playing up [as of 14 August 2013]. • Website working again on 15 August 2013. • Nutrigenomic • Pharmacogenetic • Predictive/susceptibility • Nutrigenomic
130) Genetica DNA Laboratories Inc ¹⁴¹	<p>Ohio, USA Also has offices in Mexico, Canada, and Puerto Rico Address: Headquarters Address:</p>	<ul style="list-style-type: none"> • Paternity – legal and home paternity test • Relationship testing • Identity testing • Immigration • Native American DNA test

¹⁴⁰ GenePlanet, <<http://www.geneplanet.com>> accessed 2 January 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked 2016 and 2017. Checked again 14 February 2018 and still operating.

¹⁴¹ Genetica DNA Laboratories, <<http://www.genetica.com/geneticawebv2.nsf/?Open>> accessed 10 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating. Checked 14 February 2018 and website not working, may no longer be operating.

	<p>Genetica DNA Laboratories, Inc. 8740 Montgomery Road Cincinnati, Ohio 45236 USA</p>	<ul style="list-style-type: none"> • Adoption DNA test
131) Geneticom ¹⁴²	<p>Netherlands</p>	<ul style="list-style-type: none"> • Website now only available in Dutch [as of 14 August 2013] may not be operating anymore 10 September] • Disease risk- • Predictive/susceptibility
132) GenetiConcept ¹⁴³	<p>Email: contact@geneticconcept.com</p> <p>Uhlandstrasse 20-25, 10623, Berlin, Germany</p> <p>Corner Hutson & Eyre Street, Belize city, Belize</p>	<ul style="list-style-type: none"> • Health testing, including: (covers 100 traits) <ul style="list-style-type: none"> ○ Drug response ○ Skin test ○ Fitness test ○ Overall wellbeing, neurotransmitters ○ Uninterpreted raw data file with +1million SNPs tested. • Brain DNA testing. • All in one test package \$279(US), €249 • Fitness test in association with ANABOLICGenes, \$134(US), €114 • Uses slogan "Knowledge is power" • If you buy one kit you will get 5% off additional kits

¹⁴² Geneticom, <<http://www.geneticom.nl>> accessed 10 September 2013. [Checked again 28 January 2014, <<http://www.mijndomein.nl/?rf=9971>>]. [May not be operating - Checked again 14 April 2014]. Checked again 14 February and still operating.

¹⁴³ GenetiConcept, <<https://geneticconcept.com/index.html>> accessed 16 May 2016. Checked again 26 January 2018 and 14 February 2018 and still operating.

		<ul style="list-style-type: none">• Created by DNA Factory Ltd.• Has links with ANABOLICGenes and 23andMe• NOTE: looks like ANABOLIC and GentiConcept have same privacy policy and contract (looks very similar).
133) Genetic Profiles ¹⁴⁴	10675 Treena St., Suite 103 San Diego, CA 92131	<ul style="list-style-type: none">• Specialises in paternity testing• Including cord blood• Also offers other types of relationship testing including:<ul style="list-style-type: none">○ Grandparentage○ Avuncular○ Genetic reconstruction○ Siblingship○ Twin Zygoty• DNA profiling• DNA banking
134) Genetic Center Company Limited ¹⁴⁵	Hong Kong and Kuala Lumpur, Malaysia	<ul style="list-style-type: none">• Disease susceptibility• Child talent• Carrier testing• Pharmacogenetic testing – drug response

¹⁴⁴ Genetic Profiles, <<http://www.geneticprofiles.com>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating.

¹⁴⁵ Genetic Center Company Limited, <<http://www.genetic-center.com>> accessed 13 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014].

<p>135) Genetic Health¹⁴⁶</p>	<p>UK Address: 68 Harley Street, London, W1G 7HE</p>	<ul style="list-style-type: none"> • Nutrigenomic • Pharmacogenetic • Predictive/susceptibility
<p>136) Genetic Healthcare Group (geneLAB)¹⁴⁷</p>	<p>Genetic Healthcare (M) Sdn Bhd (1036564-U) B1-1-2, Solaris Dutamas No. 1, Jalan Dutamas 1 Mont Kiara, 50480 Kuala Lumpur +60 (3) 6211 9021</p>	<ul style="list-style-type: none"> • Predisposition
<p>137) Genetic Performance¹⁴⁸</p>	<p>EUROPEAN HEADQUARTERS Unit 5, O'Rourke Park, Sallynoggin, Dun Laoghaire, Co. Dublin. hello@geneticperformance.ie +353 1 534 9454 UNITED KINGDOM Beach cottage, Itchenor, Chichester, West Sussex, PO20 7DD. hello@geneticperformance.co.uk +44 2032 900 860</p>	<ul style="list-style-type: none"> • Genetic Performance DNA Test – athletic performance • Nutrigenomics – offers DNA Slim through DNA Slim website

¹⁴⁶ Genetic Health, <<http://www.genetic-health.co.uk>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 14 April 2014].

¹⁴⁷ Genetic Healthcare Group, <http://genetic-healthcare.com/gh_about_us.html> accessed 30 April 2014.

¹⁴⁸ Genetic Performance, <<http://geneticperformance.com>> accessed 29 April 2014.

	<p>UNITED STATES OF AMERICA 5268-G Nicholson LN #340, Kensington, MD 20895-USA. hello@geneticperformance.com</p>	
138) DNA Slim ¹⁴⁹	<p>European HQ +353 (1) 534-9454 Unit 5, O'Rourke Park Sallynoggin, Dun Laoghaire Co Dublin, Ireland info@dnaslim.ie American HQ +1 (301) 637-2533 5268-G Nicholson LN #340, Kensington, MD 20895-USA. info@dnaslim.org</p>	<ul style="list-style-type: none"> • Nutrigenomic • Athletic performance
139) Genetic Testing Laboratories Inc (GTL) ¹⁵⁰	<p>New Mexico, USA GTL, Genesis Center - A, 3655 Research Drive, Las Cruces, NM 88003 For Email: info@ggcdna.com Toll Free Telephone (866) 833-6895</p>	<ul style="list-style-type: none"> • For some tests, samples must be collected by a physician. • Predisposition • Paternity Tests • Maternity Tests • Grandparent

¹⁴⁹ DNA Slim, <<https://www.dnaslim.org>> accessed 29 April 2014.

¹⁵⁰ GTL DNA, <<http://www.gtldna.com>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014].

	<p>Has an Australian division. Address: GTL Australia, Level 20, Tower A, Zenith Centre, 821 Pacific Highway, Chatswood NSW 2067, Australia Email: info@gtldna.com.au Telephone: +61 (02) 8448 8123 Fax: +61 (02) 9475 4330</p>	<ul style="list-style-type: none"> • Siblingship Tests • Twin Zygosity Tests – identifies whether twins are fraternal or identical. • Reconstruction • mtDNA Relationship • Immigration • DNA Profile • Infidelity • Forensics
140) Genetic Technologies ¹⁵¹	<p>Victoria, Australia Address: 60-66 Hanover Street Fitzroy Vic 3065 Australia Free Call : 1800 822 999 Telephone: +61 3 8412 7000 Facsimile : +61 3 8412 7041</p> <p>Postal Address: PO Box 115 Fitzroy Vic 3065</p>	<ul style="list-style-type: none"> • Susceptibility, including breast and ovarian cancer and epilepsy • Neurogenetics • Forensics • Paternity • Animal testing
141) Genetrack Biolabs ¹⁵²	<p>Canada and UK General Inquiries: info@genetrack.co.uk Technical Support:</p>	<ul style="list-style-type: none"> • Paternity with legal options • Maternity with legal options • DNA banking

¹⁵¹ Genetic Technologies, <gtmedical.com.au/about_us.php> accessed 13 May 2014. Checked again 19 February 2018 and may no longer be operating.

¹⁵² Genetrack Biolabs, <<http://www.genetrack.co.uk>> accessed 5 January 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 19 February 2018 and still operating.

	lab@genetrack.co.uk Immigration: immigration@genetrack.com Job Applications: careers@genetrack.co.uk	<ul style="list-style-type: none"> Relationship testing
142) Genetrainer ¹⁵³	"Genetrainer" means Genetrainer Limited, whose registered business address is at 5 Jupiter House, Calleva Park, Aldermaston, Reading, Berkshire, United Kingdom, RG7 8NN. contact@genetrainer.com	<ul style="list-style-type: none"> "genetically guided fitness" Links out to 23andMe
143) GeneTree		<ul style="list-style-type: none"> [No longer operating]. Now owned by AncestryDNA¹⁵⁴
144) GENEU ¹⁵⁵	65 NEW BOND STREET LONDON W1S 1RN, UK TEL: +44 (0)20 749 971 61 E: INFO@GENEU.COM	<ul style="list-style-type: none"> Personalised skincare
145) Genewiz ¹⁵⁶	Locations: GENEWIZ Global Headquarters 115 Corporate Boulevard	<ul style="list-style-type: none"> Aimed at clinics, industry and academia, consumers cannot order directly. Services for consumers must be ordered through physician.

¹⁵³ Genetrainer, <<https://www.genetrainer.com>> accessed 16 May 2016.

¹⁵⁴ Wikipedia, 'GeneTree' <<http://en.wikipedia.org/wiki/GeneTree>> accessed 27 January 2014.

¹⁵⁵ GENEU, <<https://www.geneu.com>> accessed 17 March 2015.

¹⁵⁶ Genewiz, <<http://www.genewiz.com>> accessed 27 January 2014. [Checked again 14 April 2014].

South Plainfield, NJ 07080

GENEWIZ Boston
19 Blackstone Street
Cambridge, MA 02139

GENEWIZ Washington, D.C.
Metro
20271 Goldenrod Lane
Germantown, MD 20876

GENEWIZ Research Triangle
Park
7020 Kit Creek Road
Research Triangle Park, NC
27709

GENEWIZ San Diego
11099 North Torrey Pines
Road
Suite 270
La Jolla, CA 92037

GENEWIZ San Francisco
614 Bancroft Way
Suite H
Berkeley, CA 94710

GENEWIZ Seattle

- They offer:
- *EGFR and KRAS*
 - Mutation analysis, assessment, and reporting
 - CLIA Certified
- Cancer Panels*
 - A comprehensive assay detailing medically actionable genetic alterations for major cancer types
 - CLIA Certified
- Pharmacogenomics (PGx) Panel*
 - A comprehensive assay detailing medically actionable genetic variations for drug selection and dosage
 - CLIA Certified
- Also, certified by Illumina

1551 Eastlake Avenue East
Seattle, WA 98102

GENEWIZ Europe
London, United Kingdom
+44 780-947-8030

GENEWIZ Germany
Langen, Germany
+49 172-700-2299

GENEWIZ Japan
Metlife Kabuto-cho Building
3F
5-1 Nihonbashi Kabuto-cho
Chuo-ku, 103-0026
Tokyo, Japan
+80 9602 1917

GENEWIZ Suzhou
C3 Building, 218 Xinghu Road
Suzhou Industrial Park,
215123
Suzhou, China

GENEWIZ Beijing
30 Science Park Road
Zhong-Guan-Cun Life Science
Park

	Changping District, 102206 Beijing, China +86 400-8100-669 GENEWIZ China	
146) Genex Diagnostics Inc ¹⁵⁷	United States - Head Office Genex Diagnostics, Inc. #180 - 4616 25th Avenue NE Seattle, WA 98105 United States International Genex Diagnostics, Inc. #101 - 1001 W. Broadway, Dept. 600 Vancouver, BC V6H 4E4 Canada Inquiries about Our Services For Legal Counsels To inquire about legal DNA testing services, please submit a request through our online information request form or call 1-888-262-2263.	<ul style="list-style-type: none">• Appears to own SwabTest• Paternity testing• Relationship testing• Prenatal• Forensics• Ancestry

¹⁵⁷ Genex Diagnostics Inc, 'Welcome to Genex Diagnostics' <<http://www.genexdiagnostics.com>> accessed 24 April 2014.

For Healthcare Professionals
To inquire about DNA testing services for physicians or other healthcare professionals, please submit a request through our online information request form or call 1-888-262-2263.

For Media or Press
To inquire about our DNA testing services, interviews, or other expert opinions, please submit a request through our online information request form or call 1-888-262-2263.

For Patients
To inquire our DNA testing services, please submit a request through our online information request form or call 1-888-262-2263.

147) **GeneYouIn**¹⁵⁸

Tel: 1-877-409-3629
MaRS Centre, Heritage

- PillCheck™ uses SNP Genotyping
- Whole exome sequencing

¹⁵⁸ GeneYouIn, <<https://www.geneyouin.ca>> accessed 16 November 2016. Checked again 14 February 2018 and still operating.

	<p>Building 101 College Street, Suite 230 Toronto, M5G 1L7 Canada</p>	
148) Genoma International ¹⁵⁹	<p>TOLL FREE: (844) 664 6476</p> <p>EMAIL ADDRESS: info@genomainternational.com</p>	<ul style="list-style-type: none"> • Pharmacogenomics • Health • Athletic performance (sport) • Nutrigenetics • Weight management
149) Genome Liberty ¹⁶⁰	<p>69 Wilbur Road Bergenfield, NJ 07621 contact@genomeliberty.com</p>	<ul style="list-style-type: none"> • Seems to be specialising in pharmacogenetics
150) Genomic Express Inc ¹⁶¹	<p>General Information: email: information@genomicexpress.com Telephone: 805.495.7515 Genomic Express, Inc. 725-H Lakefield Rd. Westlake Village, CA 91361</p>	<ul style="list-style-type: none"> • Ancestry • Athletic performance – ACTN3 • Caffeine metabolism • Medical: <ul style="list-style-type: none"> ○ Cancer ○ Cardiovascular ○ Pharmacogenetics

¹⁵⁹ Genoma International, <<https://genomainternational.com>> accessed 14 February 2018

¹⁶⁰ Genome Liberty, <<http://www.genomeliberty.com>> accessed 4 November 2015

¹⁶¹ Genomic Express Inc, <<https://secure.genomicexpress.com/home.html>> accessed 27 January 2014. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating.

	Media Inquiries: press@genomicexpress.com	<ul style="list-style-type: none"> Some medical tests must be ordered through a physician and their ancestry service is provided by Ancestry.com
151) Genomic Health Inc ¹⁶²	<p>California, USA</p> <p>Address: Corporate Headquarters 301 Penobscot Drive, Redwood City, CA 94063-4700 Tel: +1 (650) 556-9300 Fax: +1 (650) 556-1132</p>	<ul style="list-style-type: none"> Can only be ordered through healthcare provider Offers several targeted assays: <ul style="list-style-type: none"> Oncotype DX Breast Cancer Assay, the Oncotype DX Colon Cancer Assay and the Oncotype DX Prostate Cancer Assay
152) Genosense (and DNA Plus) ¹⁶³	<p>Austria</p> <p>Contact: Business & Management Dr. Daniel Wallerstorfer Bsc. (Managing Director) E-Mail: ceo@novogenia.com Tel: +43 664 160 10 90 Customer Service Sandra Bugarcic E-Mail: office@genosense.com Tel: +43 662 42 50 99 33</p>	<ul style="list-style-type: none"> As of 14 February 2018, seems not to be research laboratory targeting services to physicians. Nutrigenomic [seems to be more focussed on this at present – 14 April 2014] Pharmacogenetic Predictive/susceptibility Pre-symptomatic

¹⁶² Genomic Health Inc, <<http://www.genomichealth.com/en-US.aspx#.UuuKSv07S44>> accessed 15 January 2014. [Checked again 31 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating.

¹⁶³ Genosense, <<http://www.genosense.com>> accessed 2 January 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating.

<p>153) Gensys¹⁶⁴</p>	<p>Fairfield, Ohio, USA Address: DNA Technology Park 225 Corporate Court Fairfield, Ohio 45014</p> <p>Phone: 1-888-362-2592 (9am - 6pm ET) Email: answers@paternity-answers.com</p>	<ul style="list-style-type: none">• As of 14 February 2018 the website loads as DDC DNA Diagnostics Center. Offers:<ul style="list-style-type: none">○ Paternity○ Prenatal paternity with blood sample○ Immigration○ Relationship• Previously:<ul style="list-style-type: none">○ Ancestry testing○ Paternity with legal options○ Maternity○ Relationship testing○ DNA banking
<p>154) GenoVive¹⁶⁵</p>	<p>No address provided</p>	<ul style="list-style-type: none">• Nutrigenomics• They sell a package which includes a DNA test and they then deliver meals to consumers based on their DNA profile.• They also sell supplements.• '\$599.98 for your start up package during our Introductory Special. Includes your Weight

¹⁶⁴ Gensys, <<http://www.paternity-answers.com>> accessed 12 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 14 April 2014]. Checked again 14 February 2018 and still operating, but loads as DDC DNA Diagnostics Center

¹⁶⁵ GenoVive, <<https://www.genovive.com/index.php/how-genovive-works.html>> accessed 7 April 2014. Checked again 14 February 2018 and website not working. May no longer be operating.

		Management DNA Test Kit, profile report, and first month of your Customized Meal Program. Monthly meal program reorders are \$449.99 for a limited time. No membership fees or additional charges for supplemental products'. ¹⁶⁶
155) Gentle ¹⁶⁷	Middelweg 129, 3001 Leuven, Belgium	<ul style="list-style-type: none"> • Predisposition • Carrier status • Lifestyle • Pharmacogenetic
156) GenTrace DNA Testing Laboratories ¹⁶⁸	<p>Hours of Operation: Monday to Friday, 8AM to 5PM PT, 11AM to 8PM ET. Orders can be placed online 24 hours a day, 7 days a week using the secure SSL encrypted online order form. All orders are shipped immediately.</p> <p>Call our laboratory at 1-877-714-6358. Our technicians will be happy to help you with any questions that you may</p>	<ul style="list-style-type: none"> • DNA Family Check <ul style="list-style-type: none"> ○ Paternity ○ Maternity ○ Sibling ○ Twin ○ Cousin ○ Aunt/uncle ○ grandparent

¹⁶⁶ GenoVive, 'How It Works', <<https://www.genovive.com/index.php/how-genovive-works.html>> accessed 7 April 2014.

¹⁶⁷ Gentle, <<https://gentlelabs.com>> accessed 7 April 2014. Checked again 14 February 2018 and website not loading, may no longer be operating. Check again.

¹⁶⁸ GenTrace DNA Testing Laboratories, <<http://dnafamilycheck.com>> accessed 17 October 2016. Checked again 14 February 2018 and still operating.

have or to help you initiate a file for DNA testing.

Toll Free Tel: 1-877-714-6358

Toll Free Fax: 1-888-655-8877

Customer Support:
support@dnafamilycheck.com

Technical Support:
lab@dnafamilycheck.com

Accounts:
accounts@dnafamilycheck.com

Web:
<http://www.dnafamilycheck.com/>

157) **GFI Lab**¹⁶⁹

Gaskin Forensics Inc (GFI Lab)
GFI Lab
109 W Main St, Suite 201
Somerset, PA USA 15501
CONTACT

- Paternity
- Maternity
- Relationship
- Ancestry
- Infidelity

¹⁶⁹ GFI Labs, <<http://www.gfilab.com/dna-testing-services/infidelity-dna-test/>> accessed 7 April 2014. Checked again 14 February 2018 and website not loading, may no longer be operating. Check again.

	info@gfilab.com Phone: 1 (814) 521-7122	
158) Gonidio ¹⁷⁰	Swiss Nutraceuticals GmbH Flurstrasse 1, P.O. Box 30 Hagendorn - Cham, Switzerland CH - 6332 Tel: 0041 41 780 65 84 Fax: 0041 41 780 01 82 email: info@gonidio.com	<ul style="list-style-type: none"> • Predisposition testing • Pre-symptomatic • Athletic ability • Nutrigenomics
159) Google's life sciences division	And Google Genomics ¹⁷¹	<ul style="list-style-type: none"> • One to watch
160) Graceful Earth ¹⁷²	Florida, USA Graceful Earth Inc. Company Address: 1813 Concordia Lake Circle #2004, Cape Coral, FL 33909 Country: U.S.A. Phone Number: (561) 829-5152 / Toll Free: (877)	<ul style="list-style-type: none"> • Alzheimer's Genome Test • Hair testing • Pet hair analysis • Home allergy test • Herbal products • Drinking water systems

¹⁷⁰ Gonidio, <<http://www.gonidio.com/whyus.php>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

¹⁷¹ Google, <<https://cloud.google.com/genomics/>> accessed 9 November 2015. Checked again 14 February 2018 and still operating.

¹⁷² Graceful Earth, <<http://gracefulearth.com>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

697-7300		
161) Habit LLC ¹⁷³	USA	<ul style="list-style-type: none"> • Nutrigenetics • 2 main options: <ul style="list-style-type: none"> ○ Habit Core \$299(US) ○ Habit Core and DNA import (allowing for import of 23andMe results) \$199 • DNA tests used to generate report and eating plan
162) Halo Health ¹⁷⁴	Unclear	<ul style="list-style-type: none"> • Nutrigenomic testing – store will be opening soon [13 August 2013] [Store is open now 29 January 2014]. • Sells supplements • Its tests are: <ul style="list-style-type: none"> ○ The Wellness Gene ○ Comprehensive Hormone Profile ○ Food Allergy
163) HealthCheckUSA ¹⁷⁵	Texas, USA Address: 8700 Crownhill Rd., Suite 110 San Antonio, TX 78209	<ul style="list-style-type: none"> • Allows online ordering of tests, but the individual must visit a lab in order to take the test. • Offers a large range of health related tests. [Many of these are not genetic] • Founded in 1987, their website claims that they were: 'the first known company to offer lab testing directly to consumers. Complex and antiquated laws and regulations do not allow a consumer to order testing directly in most

¹⁷³ Habit, <<https://habit.com>> accessed 14 February 2018

¹⁷⁴ Halo Health, <<http://halohealth.com/item/home-4/>> accessed 14 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and seems to be no longer operating.

¹⁷⁵ HealthCheckUSA, <<http://www.healthcheckusa.com>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

		circumstances. HealthCheckUSA takes care of the authorization requirements and enables the consumer to have the access to the critical lab data we all need. Because of our high volume of referrals, our partner laboratories are able to provide us deeply discounted pricing for lab testing - and we pass that savings on to our customers. Our testing is 50-80% cheaper than if one were to order this testing directly'. ¹⁷⁶
164) HairDX ¹⁷⁷		<ul style="list-style-type: none"> • Hair loss DNA test
165) Hair Loss Control Clinic (HLCC) ¹⁷⁸	4 Avis Dr, Latham, NY 12110-2650 Toll-free phone: 1-877-HLCC-123 (452-2123) 1-518-220-1500	<ul style="list-style-type: none"> • Hair loss DNA test
166) Health Street ¹⁷⁹		<ul style="list-style-type: none"> • Paternity • Ancestry • Drug testing • Has a truck called 'Who's Your Daddy?'
167) Holistic Health	USA. NOTE: does not have an address on the website, only	<ul style="list-style-type: none"> • Has several linked websites with discussion groups etc, interested in autism.

¹⁷⁶ HealthCheckUSA, 'Why HealthCheckUSA' <<http://www.healthcheckusa.com/why-healthcheckusa.aspx>> accessed 29 January 2014.

¹⁷⁷ HairDX, <<http://www.hairdx.com/en-us/>> accessed 8 July 2014.

¹⁷⁸ Hair Loss Control Clinic, <<http://www.hlconline.com/about.html>> accessed 8 July 2014. Checked again 14 February 2018 and still operating.

¹⁷⁹ Health Street, <<http://www.health-street.net/dna-tests.html>> accessed 3 July 2014. Checked again 14 February 2018 and still operating.

<p>International¹⁸⁰</p>	<p>has a phone number, 1-800-768-8744</p>	<ul style="list-style-type: none"> • Markets supplements as well. • Also sells RNA formulas. • Nutrigenomic • Hair testing • DNA Methylation Pathway with Methylation Pathway Analysis (Formerly called Comprehensive Methylation Panel with Methylation Pathway Analysis)
<p>168) HomeDNAdirect¹⁸¹</p>	<p>California, USA, 9245 Laguna Springs Drive, Suite 200, Elk Grove, CA 95758 Tel: +1 916-509-7193 Fax: +1 916-509-7001 Web: www.homednadirect.com Email: info@homednadirect.com Also has offices in: Australia, Belgium, Canada, France, Ireland, Italy, New Zealand, Romania, Spain, South Africa, and Switzerland.</p>	<ul style="list-style-type: none"> • As of 14 February 2018 offers: <ul style="list-style-type: none"> ○ Paternity (current price \$129) ○ Relational ○ Ancestry ○ Legal ○ Immigration ○ Prenatal • Previously: • Paternity <ul style="list-style-type: none"> ○ Paternity Test - Alleged Father and 1 Child £119.00 ○ Paternity Test - Alleged Father and 3 Children £219.00 ○ Paternity Test - Mother, Alleged Father and 1 Child £139.00 ○ Paternity Test - Alleged Father and 2 Children £189.00 ○ Paternity Test - Mother, Two Alleged Fathers

¹⁸⁰ Holistic Health International, <<http://www.holisticheal.com>> accessed 3 February 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

¹⁸¹ HomeDNAdirect, <<http://www.homednadirect.com/about-us.html>> accessed 10 February 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

- and 1 Child £189.00
- Paternity Test - Mother, Two Alleged Fathers and 2 Children £239.00
- Parental testing
- Relationship
- Prenatal
- Genetic profile
- Legal testing - Legal Paternity Test - Alleged Father, Mother and Child £289.00
- And infidelity
- Ancestry testing:
 - Ancestral Origins™ DNA Ancestry Map - Additional person £150.00
 - Ancestral Origins™ DNA Ancestry Map - 1 person £199.00
 - Ancestral Origins™ DNA Ancestry Map - 2 persons £349.00
 - Maternal & Paternal Lineage Test - 1 person £269.00
 - Maternal & Paternal Lineage Test - 2 persons £469.00
 - Maternal & Paternal Lineage Test - Additional person £200.0
 - Maternal Lineage (mtDNA) Testing - 1 person £199.
 - Maternal Lineage (mtDNA) Testing - 2 persons £349.0
 - Maternal Lineage Test - Additional Person £150.00

		<ul style="list-style-type: none"> ○ Paternal Lineage DNA Test - 1 person £139.00 ○ Paternal Lineage DNA Test - 2 persons £239.00 Paternal Lineage Test - Additional person £100.00
169) Home DNA Inc ¹⁸²	Texas, USA Address: HomeDNA, Inc. PO Box 1067 Gruver, TX 79040	<ul style="list-style-type: none"> • As of check on 14 February 2018 offers: <ul style="list-style-type: none"> ○ Ancestry ○ Skin ○ Paternity ○ Nutrigenetics – healthy weight \$119 ○ Health • Previously offered home paternity testing
170) Identigene Inc ¹⁸³	Utah, USA IDENTIGENE, LLC 2495 South West Temple Salt Lake City, UT 84115 Toll Free: (888) 404-GENE Fax: (801) 462-1403	<ul style="list-style-type: none"> • Paternity • You can order online or buy their kits in pharmacies. • [Seems to be linked with dnatesting.com]
171) iGENEA ¹⁸⁴	iGENEA AG Lättichstrasse 6 CH-6340 Baar	<ul style="list-style-type: none"> • Ancestry testing

¹⁸² Home DNA Inc, <<https://www.homedna.com>> accessed 11 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

¹⁸³ Identigene Inc, <<http://www.identigene.com>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked 2016. Checked again 14 February 2018 and website not loading. Check again.

¹⁸⁴ iGENEA, <<http://www.igenea.com/en/home>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

Switzerland		
172) Independent Forensics ¹⁸⁵	500 Waters Edge Suite 210 Lombard, IL 60148 info@ifi-test.com Phone 1-866-434-2400 Fax 1-708-978-5115 International Fax 1-708-978-5115 Laboratory 1-708-234-1200	<ul style="list-style-type: none"> • Paternity with legal options [they may no longer be selling directly 15 April 2014] • Immigration • Forensics • Also sells technology
173) ION (Institute for Optimal Nutrition) ¹⁸⁶	Avalon House 72 Lower Mortlake Road Richmond London TW9 2JY General Enquiries: 020 8614 7800 Clinic Enquiries: 020 8614 7822	<ul style="list-style-type: none"> • Offers a variety of athletic performance and ability test • Nutrigenomics
174) IDNA Systems ¹⁸⁷	Paul Sollitti, Ph.D., MBA, TS(ABB), BLD-Spec. Laboratory Director IDNA Systems, Inc. Human Identification/ Genotyping 3430 Sunset Ave., Suite 21	<ul style="list-style-type: none"> • [Links to Getcheckmate and also a German company called PapaGenom] • Identity • Paternity • Relationship testing • DNA profiling

¹⁸⁵ Independent Forensics, <<http://www.ifi-test.com/index.php>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 14 February 2018 and still operating.

¹⁸⁶ ION, (Institute for Optimal Nutrition), <http://www.ion.ac.uk/performance/dna_testing> accessed 24 April 2014.

¹⁸⁷ IDNA Systems, <<http://www.idna-systems.com>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014].

	Ocean, NJ 07712-3918 Electronic mail: info1@idna-systems.com	<ul style="list-style-type: none">• Semen detection
175) Helix¹⁸⁸ (connected to Illumina)	USA	<ul style="list-style-type: none">• As of 14 February 2018 offering:<ul style="list-style-type: none">○ Ancestry○ Entertainment○ Family○ Fitness○ Health○ Nutrition (nutrigenomics)• Launched in 2016 <p>Illumina's new Helix venture, which should begin operating from 2016 is also one to watch. Illumina plans to build an app store for genetic information.¹⁸⁹ Its website claims that 'Genomic sequence stored with the highest privacy and security standards. Sequence once and query often',¹⁹⁰ which is also interesting.</p> <ul style="list-style-type: none">• Ancestry• Entertainment• Family• Fitness• Health• Nutrition

¹⁸⁸ Helix <<http://www.helix.com>> accessed 16 October 2015. Accessed 19 December 2017. Checked 14 February 2018 and still operating.

¹⁸⁹ Regalado, A., 19 August 2015. Inside Illumina's Plans to Lure Consumers with an App Store for Genomes. MIT Technology Review. <<http://www.technologyreview.com/news/540711/inside-illumina-plans-to-lure-consumers-with-an-app-store-for-genomes/>> accessed 11 October 2015

¹⁹⁰ Helix <<http://www.helix.com>> accessed 16 October 2015. Accessed 19 December 2017. Checked 14 February 2018 and still operating.

		<p>Eg: Neanderthal by Insitome Discover which of your unique traits may have been inherited from our Neanderthal ancestors—like muscle growth, skin color, and cognitive ability—and why they matter today. \$109.00 at 19 December 2017</p>
176) Indian Biosciences ¹⁹¹	<p>Regd. Office: G-2 (Ground Floor Rear), Kailash Colony, New Delhi - 110048, India. Phone: +91 (0)11 29236088, Email: info@inbdna.com.</p>	<ul style="list-style-type: none"> • [NOTE: affiliated (and possibly owned by) International Biosciences] • Ancestry • Paternity with legal options • Immigration • Relationship • Predisposition
177) Infidelity Testing ¹⁹²	<p>No address provided US ph number: 1 800 713 1389</p>	<ul style="list-style-type: none"> • DNA comparison • Infidelity testing • Semen testing
178) Ingram Health Care P.C. ¹⁹³		<ul style="list-style-type: none"> • Nutrigenetics • Infidelity • Relationship

¹⁹¹ Indian Biosciences, <<http://www.inbdna.com>> accessed 9 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 19 December 2017 and still operating.

¹⁹² Infidelity Testing, <<http://www.infidelitydnatesting.com>> accessed 8 September 2013. [Checked again 28 April 2014]. Checked again 19 February 2018 and still operating.

¹⁹³ Ingram Health Care P.C., <<http://www.ingramhc.com>> accessed 2 December 2015. Checked again 19 February 2018 and still operating.

179) Inherent Health ¹⁹⁴	Owned by Interleukin Genetics, Inc Address: Interleukin Genetics 135 Beaver Street Waltham, MA 02452 866-990-GENE (4363)	<ul style="list-style-type: none">• Predisposition• Nutrigenomics
180) Inner Sport ¹⁹⁵	1250 Addison St. Suite 102, Berkeley	<ul style="list-style-type: none">• Athletic
181) Inneova ¹⁹⁶	Inneova Corporation Limited West Vancouver, B.C. Canada Please contact us by e-mail at inneova@inneova.com to obtain our full mailing address. Telephone: +1.206.337.1700 (also voice messaging 24/7) Facsimile: +1.206.337.7713	<ul style="list-style-type: none">• Anti-ageing• Predictive genetic tests• Whole genome sequencing

¹⁹⁴ Inherent Health, <<http://www.inherenthealth.com/our-tests.aspx>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 19 February 2018 and loads as ORIG3N.

¹⁹⁵ Inner Sport Chiropractic, <<http://innersport.com/archives/2421>> accessed 2 December 2015. Checked again 19 February 2018 and still operating.

¹⁹⁶ Inneova, <<http://www.inneova.com>> accessed 16 November 2016. Checked again 19 February 2018 and website not loading, may no longer be operating.

	Corporate E-Mail: inneova@inneova.com	
	Customer Service: cs@inneova.com customerservice@inneova.com	
182) Insitome ¹⁹⁷	Littlefield Building, 106 E 6th St #230, Austin, TX 78701, USA	<ul style="list-style-type: none"> • Partnered with Helix • Ancestry testing • health • and also they have developed an application Insitome Traits, which is available in the iTunes App Store
183) Instant Chemistry ¹⁹⁸	100 College Street, Suite #325 Toronto, ON, M5G 1L5 Canada Direct: 416-506-3030 Toll-Free: 1-855-353-3030	<ul style="list-style-type: none"> • DNA dating website, which sells a DNA test through matchmakers.
184) Interleukin Genetics, Inc ¹⁹⁹	Interleukin Genetics Incorporated 135 Beaver Street Waltham, MA 02452 Telephone: (781) 398-0700 Facsimile: (781) 398-0720	<ul style="list-style-type: none"> • 'Interleukin Genetics' goal is to provide the best available genetic information, to help you and your health care provider make intelligent lifestyle decisions related to nutrition, exercise, lifestyle habits and health care practices aimed at preserving your good health into your later years'.

¹⁹⁷ Insitome, <<https://insito.me>> accessed 14 February 2018.

¹⁹⁸ Instant Chemistry, <<https://instantchemistry.com>> accessed 10 April 2014.

¹⁹⁹ Interleukin Genetics, <<http://ilgenetics.com/content/products-services>> accessed 15 April 2014.

		<ul style="list-style-type: none">• 'Interleukin's state-of-the-art genetic testing laboratory is certified under the Clinical Laboratory Improvement Amendments (CLIA) to ensure accurate, high quality, secure results for every test'.²⁰⁰• Owns Inherent Health – it brought this range of tests on to the market in 2009.²⁰¹• Also, it has developed the PerioPredict™ Genetic Risk Test²⁰²
185) International Biosciences ²⁰³	Brighton, UK Address: Phoenix House 32 West Street Brighton East Sussex BN1 2RT	<ul style="list-style-type: none">• As of 19 February 2018 offers:<ul style="list-style-type: none">○ Home paternity testing for £99○ Legal DNA test for £289○ Prenatal paternity £899○ Variety of relationship testing including:<ul style="list-style-type: none">▪ Sibling £199▪ Twin zygosity £119▪ Grandparents £249○ Also ancestry tests with 4 options○ Health tests:<ul style="list-style-type: none">▪ Diet and Healthy Weight Test £119▪ SkinCareDNA test £139▪ Wellness and Lifestyle DNA test £99

²⁰⁰ Interleukin Genetics, 'Products & Services' <<http://ilgenetics.com/content/products-services>> accessed 15 April 2014. Checked 19 February 2018 and loads as ORIG3N <<https://orig3n.com>>

²⁰¹ Interleukin Genetics, 'Inherent Health' <<http://ilgenetics.com/content/products-services/inherent-health>> accessed 15 April 2014.

²⁰² Interleukin Genetics, 'PerioPredict™ Genetic Risk Test' <<http://ilgenetics.com/content/products-services/periopredict>> accessed 15 April 2014.

²⁰³ International Biosciences, <<http://www.ibdna.com/regions/UK/EN/>> accessed 9 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 15 April 2014]. Checked again 19 February 2018 and still operating.

- Animal tests
- Nutrigenetics
- Was offering a DNA testing kit free of charge (August 2013)²⁰⁴
- Paternity
- Maternity
- Relationship
- Ancestry
- Predisposition
- Infidelity
- DNA banking
- Tests offered:
 - Paternity Test (no maternal involvement)
 - Paternity Test (with maternal involvement)
 - Maternity Test
 - Multiple Testing
 - Siblingship Test
 - Y-STR Male Lineage Test
 - X-SV Female Lineage Test
 - Twin Zygoty Test
 - Missing Parent Test
 - Avuncular Test
 - Cousin Test
 - Prenatal Paternity Test
 - Identification Profiling
 - Home DNA Banking

²⁰⁴ As of 10 August 2013, see <<http://www.ibdna.com/regions/UK/EN/?page=kitRequest>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating].

		<ul style="list-style-type: none">○ Infidelity Testing• Court Approved Paternity Testing:<ul style="list-style-type: none">○ Paternity Test○ For Immigration○ Maternity Test○ Additional Test○ Siblingship Test○ Y-STR Male Lineage Test○ X-SV Female Lineage Test○ Twin Zygoty Test○ Missing Parent Test○ Avuncular Test• Identification Profiling
186) iTest DNA LLC ²⁰⁵	Based in Arizona. Has 3 locations in Phoenix and affiliate locations in 50 states. Phone: 623-594-1605	<ul style="list-style-type: none">• As of 19 February 2018 offer:<ul style="list-style-type: none">○ Paternity test \$150○ Relationship testing including:<ul style="list-style-type: none">▪ Sibling▪ grandparent▪ avuncular○ Secret Paternity test \$250• [Note: they own Shecheated.net]• Paternity with legal option• Relationship including:<ul style="list-style-type: none">○ Grandparent○ Sibling○ Avuncular

²⁰⁵ iTest DNA, <<http://www.itestdna.net>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 16 April 2014]. Checked again 19 February 2018 and still operating.

187) Kailos Genetics ²⁰⁶	601 Genome Way Northwest, Huntsville, AL 35806, USA	<ul style="list-style-type: none"> • Secret testing • Health • They allow consumers to order tests online and company gets doctor's approval • They also can connect consumers with doctors • As of 19 February 2018 offers: <ul style="list-style-type: none"> ○ Cancer screening \$225 ○ PGX Complete \$299 ○ ADHD \$149 ○ Variety of pharmacogenetics test including: <ul style="list-style-type: none"> ▪ Antidepressants \$99 ▪ Tamoxifen \$99 ▪ Pain management \$99 • Cancer • Pharmacogenetics • ADHD • Founded in 2010
188) Kimball ²⁰⁷	Colorado, USA Address: 650 S. Cherry Street, Suite 225, Denver, Colorado 80246 But their mailing address for sample collection is: LabCorp HLA Lab 1440 York Court,	<ul style="list-style-type: none"> • Allows for order by physicians or individuals. • If an individual orders a test without a physician, then the company provides genetic counselling over the phone. • Tests for specific conditions: <ul style="list-style-type: none"> ○ Cardiovascular disease, APOE ○ Celiac disease ○ Fragile X syndrome and related testing

²⁰⁶ Kailos Genetics, <<https://www.kailosgenetics.com>> accessed 16 November 2016. Checked again 19 February 2018 and still operating.

²⁰⁷ Kimball, <<http://www.kimballgenetics.com/tests.html>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 16 April 2014]. Checked again 19 February 2018 and still operating.

	<p>Burlington, NC 27215-3361 [They are linked with LabCorp]. 8490 Upland Drive, Suite 100, Englewood, CO 80112 Tel: 800-444-9111 [address as of 16 April 2014]</p>	<ul style="list-style-type: none"> ○ Hemochromatosis ○ HLA-B27 (ankylosing spondylitis) ○ Narcolepsy • Pharmacogenetic for Warfarin • Founded in 1994 – became part of Labcorp in 2009²⁰⁸
189) Knome ²⁰⁹	<p>Cambridge, MA, USA Knome Inc. 25 First Street, Suite 107, Cambridge, MA 02141 617-934-5600 617-715-1050</p>	<ul style="list-style-type: none"> • Used to be DTC. • Now does contract research for academic institutions, medical institutions, and pharmaceutical companies
190) LabCorp ²¹⁰	<p>They have laboratories in many locations. Their address is probably: LabCorp HLA Lab 1440 York Court, Burlington, NC 27215-3361 Their billing address is: LabCorp PO Box 2240 Burlington, NC 27216-2240</p>	<ul style="list-style-type: none"> • (2018) Really aimed at selling tests to physicians. Not DTC now. • Does have an option for ordering at home paternity and maternity tests (19 February 2018) <https://www.labcorpdna.com/at-home-collections/paternity-maternity/order> • Previously: <ul style="list-style-type: none"> ○ Identity

²⁰⁸ Kimball, 'About Kimball Genetics' <<http://www.kimballgenetics.com/about.html>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 16 April 2014].

²⁰⁹ Knome, <<http://www.knome.com/knome-blog/direct-to-consumer-genomics-reinvents-itself/>> accessed 10 August 2013. [Checked again 16 April 2014].

²¹⁰ Labcorp, <<https://www.labcorp.com/wps/portal/>> accessed 27 January 2014. [Checked again 16 April 2014]. Checked again 19 February 2018 and still operating.

	Phone: 800-845-6167	<ul style="list-style-type: none"> ○ Paternity ○ Does not allow for home collection.
191) Legal DNA Testing ²¹¹	<p>Headquarters Saint Louis MO 1-855-241-1859 info@legal-dna-testing.com</p>	<ul style="list-style-type: none"> • As of 19 February 2018 offers: <ul style="list-style-type: none"> • Paternity • Ancestry • Relationship • Infidelity • Previously: <ul style="list-style-type: none"> ○ Paternity ○ Ancestry <ul style="list-style-type: none"> ▪ Fingerprint ▪ Y chromosomal ▪ mtDNA mitochondrial ○ Prenatal ○ Infidelity ○ Immigration
192) LifeGenetics ²¹²	<p>Slovenia Address: Genelitik d.o.o. Pot k sejmišču 26A 1000 Ljubljana Slovenia (EU)</p>	<ul style="list-style-type: none"> • Mainly concerned with nutrigenomics • Predisposition • Has 4 products: <ul style="list-style-type: none"> ○ DNA test Slim ○ DNA test Premium ○ DNA test Premium + Slim ○ DNA test Baby

²¹¹Legal DNA Testing, <<http://legal-dna-testing.com/#>> accessed 17 October 2016. Checked again 19 February 2018 and still operating.

²¹²LifeGenetics, <<http://lifegenetics.net/shop/dna-test-premium/>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 16 April 2014]. Checked again 19 February 2018 and still operating.

<p>193) Life Letters²¹³</p>	<p>LifeLetters Level 24, 1 Alfred Street Circular Quay, Sydney NSW 2000 Australia</p>	<ul style="list-style-type: none"> • Seems to be aimed at physicians • Tiny Letters <p>'Tiny Letters is a preconception carrier screening test to see if you are at increased risk of passing on any of more than 100 heritable genetic disorders'.</p> <ul style="list-style-type: none"> • Script Letters <p>'Script Letters determines whether you're on the right medication and taking the right amount. It does this by examining how quickly your body responds to your prescription medication.'</p>
<p>194) Lumigenix²¹⁴</p>	<p>Sydney, Australia</p>	<ul style="list-style-type: none"> • Website has not been functioning properly for a few months [14 August 2013].[The site is still malfunctioning 29 January 2014]. [Checked again 16 April 2014 and website is still not working]. • Disease risk, predictive/susceptibility • Pre-symptomatic • Ancestry • Other lifestyle tests, including earwax and IQ.
<p>195) Map My Gene²¹⁵</p>	<p>Arizona, USA Address: 1930 W Camelback Rd, Phoenix, Arizona 85015 United States</p>	<ul style="list-style-type: none"> • DTC either through physician or by ordering through email. • Disease Susceptibility Gene Test • Inborn Talent Genetic Test <p>Updated:</p>

²¹³ Life Letters, <<https://lifeletters.com>> accessed 17 March 2015. Checked again 19 February 2018 and still operating.

²¹⁴ Lumigenix, <<https://www.lumigenix.com/services/overview.html>> accessed 5 January 2013. [Checked again 16 April 2014].

²¹⁵ Map My Gene, <<http://www.mapmygene.com/index.htm>> accessed 2 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 16 April 2014]. Checked again 19 December 2017 and still operating.

		<i>As of 19 December 2017: Inborn talent genetic test Disease susceptibility test Nutritional and psychological counselling</i>
196) Map My Genome ²¹⁶	Mapmygenome™ Royal Demeure,HUDA Techno Enclave, Plot No. 12/2, Sector-1 Madhapur, Hyderabad Andhra Pradesh India 500081 Phone: 1800 102 4595	<ul style="list-style-type: none"> • 2 services: <ul style="list-style-type: none"> ○ Genomepatri™ – composite report of your genetic makeup ○ Cardiomap – which is a genetics based cardiac health profile. ○ Oncomap ○ Gynaecmap • They offer genetic counseling
197) Matt Roberts ²¹⁷	Registered office 118 New Bond Street Mayfair London W1S 1EW	<ul style="list-style-type: none"> • As of 2018 may no longer be offering DNA tests. Check again. • Previously offered DNA Fit Body Performance Pro £249.00 • He is a fitness trainer and the site also sells supplements, books, and training equipment
198) Matrix Genomics ²¹⁸	Kansas, USA Mailing Address: Matrix Genomics, Inc. 3900 Paseo del Sol	<ul style="list-style-type: none"> • Order function on website is currently malfunctioning [14 August 2013] [Ordering function is still not working, 29 January 2014]. [Still malfunctioning 22 April 2014].

²¹⁶ Map My Genome, <<http://www.mapmygenome.in>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. Checked again 19 February 2018 and still operating.

²¹⁷ Matt Roberts, <<http://www.mattroberts.co.uk/store/performance/dna-fit-body-performance-pro/>> accessed 7 April 2014. Checked again 19 February 2018 and still operating.

²¹⁸ Matrix Genomics, <<http://www.matrixgenomics.com/aboutourlabCRL.php>> accessed 14 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. Checked again 19 February 2018 and may no longer be operating.

	Santa Fe, NM 87507	<ul style="list-style-type: none"> • Pharmacogenetic • Pre-symptomatic • Predictive/susceptibility • Specifically tests for: <ul style="list-style-type: none"> ○ Alzheimer's ○ Parkinson's ○ Breast cancer • Heart attack panel • Their laboratory is the Clinical Reference Laboratory (CRL), which was established in 1979 (<http://www.crlcorp.com>)
199)	<p>Medigenomix²¹⁹</p> <p>Germany</p> <p>Address: Eurofins Medigenomix GmbH Anzinger Str. 7a D-85560 Ebersberg Germany</p>	<ul style="list-style-type: none"> • Paternity – has legal options, which directs you to a list provided by Justice UK. • Authenticity of food • Forensics • DNA analysis
200)	<p>MEDomics²²⁰</p> <p>California, USA</p> <p>Address: 426 North San Gabriel Avenue Azusa, California 91702 Phone: 626.804.3645 Fax: 626.529.0907</p>	<ul style="list-style-type: none"> • Only available through physician • As of check on 14 February 2018 has tests through physicians for: <ul style="list-style-type: none"> ○ ID ○ Epilepsy ○ Autism

²¹⁹ Medigenomix, <<http://www.medigenomix.de>> accessed 14 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. Checked again 19 February 2018 and loads as Eurofins <<https://www.eurofinsgenomics.eu>>

²²⁰ MEDomics, <<http://www.medomics.com>> [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. Checked again 14 February 2018 and still operating.

- Mitochondrial disease
- And intellectual deficiency
- Previously Tests were (2014):
 - **MitoDx™** - mitochondrial testing
 - **MitoMED1204™**
 - **MitoMED-Autism** – ‘analyzes 1204 nuclear-encoded mitochondrial residing or mitochondrial related genes plus 75 additional nuclear genes known to contribute to ASD’.
 - **MitoMED-Epilepsy™** – ‘analyzes 1204 nuclear-encoded mitochondrial residing or mitochondrial related genes plus 343 genes known to cause or contribute to epilepsy’.
 - **MitoMED-ID™** – ‘analyzes 1204 nuclear-encoded mitochondrial residing or mitochondrial related genes plus 110 additional nuclear genes known to cause or contribute to intellectual disability’.
 - **Interpretive Diagnostic ExOMe (InDxOM™)**
– ‘For the InDxOM™ test, the coding sequence and the exon/intron boundaries of ~20,000 protein-coding genes are analyzed by harnessing the massively parallel power of NGS. MEDomics proprietary bioinformatics pipeline is used to map and compare the patient’s DNA sequence to that of a reference sequence and to control individuals, as well as assess the depth of coverage and data quality. The exome sequence data is analyzed by

MEDomics scientists to detect at least three different types of mutations: 1) point mutations that cause an amino acid substitution, 2) point mutations that cause a splicing abnormality, and 3) micro-deletions/insertions that cause a frame shift in the protein sequence. Clinical exome interpretation includes an analysis of protein “truncoid” mutations (stop codons, critical splice junction mutations, and microdeletions or insertions) and an analysis of the presence of any of the many thousands of putative mutations listed in the Human Gene Mutation Database (HGMD). The presence of such variants triggers a more detailed analysis of other variants in that gene’.

- And customized Mutation Expert Analysis

201) **MLSBioDNA Ltd**²²¹

telephone +356 23980148 or +356 21665164, or by e-mail on contact@mlsbiodna.net.

- As of check on 14 February 2018:
 - Paternity testing (will accept non standard samples, including toothbrush, blood, chewing gum, envelopes and stamps)
 - Forensics
 - Relationship testing
 - Food testing
 - Animal testing
- Previously (10 January 2016):
 - Paternity
 - Relationship testing

²²¹ MLSBioDNA Ltd, <<http://mlsbiodna.net>> accessed 10 January 2016. Checked again 14 February 2018 and still operating.

<p>202) Molecular Diagnostic Services (PTY) LTD²²²</p>	<p>Based in South Africa, but has branches in Australia and the UK.</p>	<ul style="list-style-type: none"> • Athletic • (14 February 2018) – now offers paternity testing <ul style="list-style-type: none"> ○ other tests available through physician ○ links out to WellPro for wellness • Previously: Available through physician • Links to WellPro <http://www.wellpro.co.za> which is their nutrigenomics division. • Paternity
<p>203) WellPro²²³</p>	<p>South Africa MDS Laboratories 6 Ribston Place Westville 3630, South Africa</p>	<ul style="list-style-type: none"> • (14 February 2018) – describes itself as the Wellness division of Molecular Diagnostic Services • Now offers a variety of tests: <ul style="list-style-type: none"> ○ Nutrigenetics ○ Paternity ○ DNA identity ○ Health • ImuPro – ‘designed to detect the presence of elevated IgG antibodies to specific food proteins. The detection of IgG antibodies has increasingly been associated with adverse symptoms’. • GenePro – ‘a personalized blood test that takes your genetic information and your current lifestyle choices and gives you a risk for future chronic disease. The

²²² Molecular Diagnostic Services (PTY) LTD, <<http://www.mdsafrica.net/site/default.asp>> accessed 27 January 2014. [Checked again 22 April 2014]. Checked again 14 February 2018 and still operating.

²²³ WellPro, <<http://www.wellpro.co.za/tests-landing/>> accessed 27 January 2014. Checked again 22 April 2014]. Checked 2016. Checked again 14 February 2018 and still operating.

		<p>most exciting part about the GenePro test is that the mutations looked at can be "switched" off or on depending on your lifestyle choices so you may actually have some control over the types of conditions you will suffer from in the future. This test costs R 3950.00'.</p> <ul style="list-style-type: none"> • IgE – 'for a panel of inhalants, foods and/or a mixture of both inhalants and foods, each with a total IgE test. Each panel costs R790'.
<p>204) MUHDO²²⁴</p>	<p>8 Westerfield Road, Ipswich, Suffolk, IP4 2XN info@muhdo.com, by telephone on +44 (0) 203 432 5956</p>	<ul style="list-style-type: none"> • Also sells through Amazon.co.uk • Nutrigenetics • Fitness • As of 23rd February 2018 offers a DNA Profiling Kit through its website for £249 • Epigenetics • Training • DNA tests that provide information on: <ul style="list-style-type: none"> ○ Nutrition ○ Addiction ○ Heart health ○ Anti- aging
<p>205) MVP Testing²²⁵</p>	<p>MA, USA Address: 30 South Broadway South Lawrence, Ma 01843,</p>	<ul style="list-style-type: none"> • Paternity DNA Testing • Immigration DNA Testing • Family Relationships

²²⁴ MUHDO, <<https://muhdo.com>> accessed 23 February 2018.

²²⁵ MVP Testing, <<http://www.mvptesting.org>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. [Checked again 22 April 2014]. Checked again 14 February 2018 and still operating.

	USA	<ul style="list-style-type: none"> • Family Reconstruction • Forensics • Infidelity
206)	myDNA ²²⁶	<p>Only provides phone number, 011- 43003779. But seems to be based in India.</p> <ul style="list-style-type: none"> • Predisposition • Pre-symptomatic • Pharmacogenetic, tests for the certain drug responses • Similar to what deCODEme used to offer, it offers a Complete Health Scan which looks for a large number of SNPs associated with disease • Tests are customised for Indians • [having problems with the website 13 August 2013 – the ordering function is malfunctioning][Still malfunctioning 22 April 2014] • Offers genetic counselling
207)	My DNA Life Australia Pty Ltd ²²⁷	<p>Suite 15.01 / 9 Yarra St, South Yarra, VIC 3141 1300 436 373 help@mydna.life</p> <ul style="list-style-type: none"> • Selling Weight Management test through Amazon.co.uk and Lloyd’s Pharmacy²²⁸ - £49 from Lloyd’s (as of 23 February 2018) • As of 19 February 2018 offers: <ul style="list-style-type: none"> ○ DNA Fitness Report ○ DNA Diet Report \$119 ○ DNA Medication Report • Health tests specialising in drug response

²²⁶ myDNA, <<http://www.mydna.co.in/index.html>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 22 April 2014]. Checked 19 February 2018 and may no longer be operating.

²²⁷ My DNA Life Australia, <<https://www.mydna.life/#our-test>> accessed 16 May 2016. Checked again 19 February 2018 and still operating.

²²⁸ See <<http://www.lloydspharmacy.com/en/info/mydna>> accessed 23 February 2018.

		(pharmacogenetics)
		<ul style="list-style-type: none">• Available via physicians and Chemmart and Quality pharmacies.
208) My DNA Health Ltd²²⁹	My DNA Health Ltd. (9302344 - UK) 22 Longacre, Covent Garden, London, WC2E 9LY, United Kingdom info@mydnahealth.co.uk 44(20) 7084 6322	<ul style="list-style-type: none">• nutrigenetics and fitness.• Offers diet and exercise plans and supplements• £149• "DNA Complete™ consists of detailed and personalised report with recommendations for weight-loss and well being. The report will include the following genetic and lifestyle analysis;<ul style="list-style-type: none">○ Whether you over-absorb sugars and fats.○ Not being able to lose fat with exercise.○ Your stress levels causing fat formation.○ How you are craving foods causing weight gain○ Any genetic predispositions in becoming pre-diabetic and putting on weight.○ Sluggish removal of toxins causing weight gain.• You will receive;<ul style="list-style-type: none">○ A gene based dietary advice and eating plan.○ A gene based exercise plan○ Requirements for nutritional supplementation,

²²⁹ My DNA Health Ltd, <<http://mydnahealth.co.uk/contact.aspx>> accessed 16 May 2016. Checked again 19 February 2018 and still operating.

		where required" ²³⁰
209) MyGene ²³¹	Victoria, Australia Address: Suite 3, Level 2, 199 Toorak Road, South Yarra VIC 3141	<ul style="list-style-type: none"> • [As of September 11, 2013, the MyGene company has been dissolved.]²³² • Tests must be ordered through a healthcare provider and they also have specialised clinics. • Nutrigenomic • Pharmacogenetic • Tests for: <ul style="list-style-type: none"> ○ Coeliac Disease ○ Lactose Intolerance • Athletic ability
210) My Gene Diet (Natures Remedies Ltd) ²³³	Natures Remedies Ltd, PO Box 233, Amersham, Buckinghamshire, HP6 5JA UK	<ul style="list-style-type: none"> • Nutrigenomics – test for diet and exercise
211) Mygenome.com ²³⁴	USA	<ul style="list-style-type: none"> • As of 14 August 2013, the website is not functioning. It exists, but has no information on it. It is probably

²³⁰ My DNA Health Ltd, <http://mydnahealth.co.uk/dna_complete.aspx> accessed 16 May 2016. Checked 7 February 2018 and still operating.

²³¹ My Gene, <<http://www.mygene.com.au>> accessed 13 August 2013. [Checked again 29 January 2014 and website suspended]. [Checked again 22 April 2014].

²³² Ageless Clinic, <<http://www.agelessclinics.com.au/our-treatments/mygene-genetic-testing.html>> accessed 24 April 2014. Checked 7 February 2018 and still operating.

²³³ My Gene Diet, <<http://www.my-gene-diet.com/products.php>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 23 April 2014]. Checked 7 February 2018 and still operating.

²³⁴ Mygenome.com, <<http://mygenome.com/mygenomehome.html>> accessed 6 January 2013. [Checked again 29 January 2014 and not operating]. [Checked again 24 April 2014]. Checked 7 February 2018 and website malfunctioning.

		<p>not functioning 24 April 2014.</p> <ul style="list-style-type: none"> • According to the <i>More Genes Direct Report</i>, it offered a wide variety of health-related DTC tests, but as of January 2013, there is no information on their website.
212) MyHeritage ²³⁵	No address provided.	<ul style="list-style-type: none"> • Ancestry testing [seems to be owned by FamilyTreeDNA]
213) MyInnerGo ²³⁶	<p>info[at]myinnergo.co.uk</p> <p>U.K. Office: CB22 3AT, United Kingdom, Babraham Hall, Babraham, Cambridge</p> <p>U.K. Logistics: Fallows, Danes Rd., Staveley, Kendal, Cumbria, LA8 9PR, U.K.</p>	<ul style="list-style-type: none"> • Athletic testing • and nutrigenetics • Now (7 February 2018): <ul style="list-style-type: none"> ○ Weight test for £99 ○ Sport gene test £99
214) Myriad ²³⁷	<p>Myriad Genetics, Inc. 320 Wakara Way Salt Lake City, UT 84108 Tel: (801) 584-3600 Fax: (801) 584-3640</p>	<ul style="list-style-type: none"> • Must be ordered through physician. • As of 14 February 2018, variety of tests, primarily focused on cancer. <ul style="list-style-type: none"> ○ Hereditary breast cancer

²³⁵ My Heritage, <<http://www.myheritage.com/dna-tests>> accessed 12 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked 2015 and 2016. Checked again 7 February 2018 and still operating.

²³⁶ MyInnerGo, <<http://www.myinnergo.co.uk>> accessed 4 November 2015. Checked again 7 February 2018 and still operating.

²³⁷ Myriad, <<https://www.myriad.com/patients/>> accessed 29 January 2014. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

- Hereditary colon cancer
- Lung cancer
- Melanoma
- Hereditary ovarian cancer
- Hereditary pancreatic cancer
- Prostate cancer
- Rheumatoid arthritis
- Previously: Tests include:
 - 'The BRACAnalysis® test assesses a woman's risk of developing hereditary breast or ovarian cancer based on detection of mutations in the BRCA1 and BRCA2 genes. This test has become the standard of care in identification of individuals with hereditary breast and ovarian cancer.
 - COLARIS® testing assesses a person's risk of developing hereditary colorectal cancer and a woman's risk of developing hereditary uterine cancer. COLARIS detects disease-causing mutations in the MLH1, MSH2, MSH6, PMS2 and EPCAM genes which are responsible for the majority of Lynch syndrome related cancers.
 - COLARIS AP® testing assesses a person's risk of developing hereditary colorectal polyps and cancer. COLARISAP detects mutations in the APC and MYH genes, which cause adenomatous polyposis colon cancer syndromes, including familial adenomatous polyposis (FAP), attenuated FAP (AFAP), and MYH-associated polyposis (MAP).
 - MELARIS® testing assesses a person's risk of

developing hereditary melanoma. This test detects inherited mutations in the p16 gene (also called CDKN2A or INK4A), which are associated with hereditary melanoma.

- PANEXIA® testing assesses a person's risk of developing hereditary pancreatic cancer. PANEXIA offers insight about the risk of future hereditary cancers for patients and their families. PANEXIA analyzes the PALB2 and BRCA2 genes, the two genes most commonly mutated in families with hereditary pancreatic cancer.
- PREZEON™ testing assesses loss of PTEN function in cancer patients, which is associated with more aggressive disease progression and poorer survival rate. The PTEN gene is a major tumor suppressor that plays a critical role in cell signaling pathways that are the target of cancer drugs, such as EGFR and mTOR inhibitors.
- TheraGuide® 5-FU testing assesses a person's risk of developing a severe toxic reaction to 5-FU-based chemotherapy. It detects variations in 2 genes, dihydropyrimidine dehydrogenase (DPYD) and thymidylate synthetase (TYMS), that are responsible for a significant portion of serious adverse reactions to 5-FU-based therapy.
- Prolaris® testing assesses the prostate cancer aggressiveness in conjunction with other clinical parameters. Prolaris measures the expression level of genes involved with cell cycle progression

		in tumor specimens to predict disease outcome'. ²³⁸
215) Myriad – BRACNOW ²³⁹	Myriad: 320 Wakara Way, Salt Lake City, UT 84108, USA	<ul style="list-style-type: none"> • BRac gene testing • Must be ordered through physician.
216) National Geographic's Genographic Project ²⁴⁰	Washington DC, USA	<ul style="list-style-type: none"> • Used to have links with Family Tree DNA and now is linked with AncestryDNA (7 February 2018) • Geno 2.0 - Genographic Project Participation and DNA Ancestry Kit, currently priced at \$199.95 [as of 10 August 2013].[Same price 24 April 2014]
217) Natural Health Ministries ²⁴¹	23 S. Main St., Suite #I, Hartford, WI 53027 p: 262-670-0184	<ul style="list-style-type: none"> • (7 February 2018) offers homeopathic DNA energy testing • Nutrigenetics
218) Nature Doctors ²⁴²	Canada	<ul style="list-style-type: none"> • Nutrigenetics • Athletic • Health

²³⁸ Myriad, 'Current Products' <<http://www.myriad.com/products/>> accessed 29 January 2014. Checked again 19 February 2018 and still operating.

²³⁹ BRACNOW, <<http://www.bracnow.com/get-tested/>> accessed 17 March 2015. Checked 2016. Checked again 7 February 2018 and still operating.

²⁴⁰ National Geographic's Genographic Project, <<https://genographic.nationalgeographic.com>> accessed 14 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 19 February 2018 and still operating.

²⁴¹ Natural Health Ministries, <<http://www.naturalhealthministries.com/index.php?page=homeopathic-energy>> accessed 2 December 2015. Checked again 7 February 2018 and still operating.

²⁴² Nature Doctors, <<http://thenaturedoctors.ca/services/specialty-testing/youunique-genomics-genetic-testing/>> accessed 2 December 2015. Checked again 7 February 2018 and still operating.

		<ul style="list-style-type: none">• Mental health• addiction
219) Navigenics ²⁴³		<ul style="list-style-type: none">• Was DTC and then DTC through physician, but since its acquisition by Life Technologies, it is no longer offering DTC. [As of 2013].• 'Navigenics was recently acquired by Life Technologies, a global biotechnology company dedicated to innovation and improving life in meaningful ways. As the Navigenics team transitions its focus to Life Technologies' developing molecular diagnostic business, we want to thank you for your patronage and making genetics a part of your health'.• 'We remain committed to our founding principle of protecting the privacy and security of our members' genetic information. We've answered key questions about your Navigenics account and results in our online FAQs. We are no longer accepting orders or samples for the Navigenics Health Compass service'.²⁴⁴
220) New Life Genetics ²⁴⁵	Registered company name: New Life Genetics ApS.	<ul style="list-style-type: none">• Test for stress• Child talent• Allergy test

²⁴³ Navigenics, <<http://www.navigenics.com>> accessed 6 January 2013. [Checked again 29 January 2014]. [Checked again 24 April 2014].

²⁴⁴ Navigenics, <<http://www.navigenics.com>> accessed 6 January 2013. [Checked again 29 January 2014]. [Checked again 24 April 2014].

²⁴⁵ New Life Genetics, accessed August 2017, checked 19 December 2017 <<http://newlifegenetics.com>> accessed 17 October 2016. Checked again 7 February 2018 and still operating.

	<p>We are incorporated in Denmark. Our principal place of business is Vestergade, 8600 Silkeborg, DK. CVR: DK35812482. Telephone +45 2217 2217 – told free call (Operation hours 9.00 to 16.00 / working days)</p> <p>Email: contact(@)newlifegenetics.com</p>	<ul style="list-style-type: none"> • Genetic potential for kids • Sport and athletics • Fitness test for women • Fitness test for men • Kid and baby test <p>Website in English and Danish</p>
<p>221) Nimble Diagnostics²⁴⁶</p>	<p>UK Address: Nimble Diagnostics 2nd Floor 145-157 St John Street London EC1V 4PY</p>	<ul style="list-style-type: none"> • Paternity • Prenatal gender testing • Ancestry • Also sells supplements, Cancer Nutraceuticals
<p>222) North American DNA Testing²⁴⁷</p>	<p>Has centres throughout the USA.</p>	<ul style="list-style-type: none"> • Paternity • Relationship • Immigration • Ancestry

²⁴⁶ Nimble Diagnostics, <<http://www.nimblediagnostics.co.uk>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 19 December 2017 still operating. Checked again 29 December 2017. Checked again 7 February 2018 and still operating.

²⁴⁷ North American DNA Testing, <<http://northamericandnatesting.com>> accessed 7 April 2014. [Checked again 24 April 2014]. May no longer be operating 19 December 2017. Checked 7 February 2018 and website not loading.

		<ul style="list-style-type: none"> • Forensic • Infidelity • Identification
223) Nordic Laboratories ²⁴⁸	Nordic Laboratories Nygade 6, 3 sal 1164 Copenhagen K Denmark	<ul style="list-style-type: none"> • DNA Sport • DNA Diet • DNA Health • DNA Gluten Panel • DNA Oestrogen • mycardioRx • mypainRX • mypsychRx •
224) Northgene ²⁴⁹	Newcastle, UK Address: NorthGene Ltd International Centre for Life Newcastle upon Tyne NE1 4EP	<ul style="list-style-type: none"> • Paternity testing • Maternity • Sibling and twin testing • Immigration • Forensics

²⁴⁸ Nordic Laboratories, <<http://www.nordiclabs.com/Default.aspx>> accessed 9 February 2018.

²⁴⁹ Northgene, <<http://www.paternitytesting.co.uk>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014][checked again 19 December 2017]. Checked again 7 February 2018 and still operating.

<p>225) Nutrigenomix²⁵⁰</p>	<p>Nutrigenomix Inc. 2 Bloor Street West, Suite 700 Toronto, ON, M4W 3R1 Phone: 416-323-7599 Fax: 416-972-5071</p> <p>Is in both Canada and Australia</p>	<ul style="list-style-type: none"> • Nutrigenomics – available through dieticians.
<p>226) NW DNA²⁵¹</p>	<p>1836 Westlake Ave N, Suite #104, Seattle, Washington 98109 Tel: 1-888-571-2220</p>	<ul style="list-style-type: none"> • Ancestry • Immigration • Relationship • Paternity • Sibling • Prenatal
<p>227) OneOme²⁵²</p>		<ul style="list-style-type: none"> • Pharmacogenomics – order through physician
<p>228) Ormond Quay Paternity Services²⁵³</p>	<p>6 - 9 Trinity Street Dublin 2</p> <p>Appointments at our offices are strictly by invitation only.</p>	<ul style="list-style-type: none"> • Genetic relationship including: <ul style="list-style-type: none"> ○ Paternity ○ Grandparent ○ Aunt/uncle ○ Sibling ○ Y Chromosome heritage

²⁵⁰ Nutrigenomix, <<https://www.nutrigenomix.com/information-for-dietitians>> accessed 3 July 2014. Checked again 19 December 2017 still operated. Checked again 7 February 2018 and still operating.

²⁵¹ NW DNA, <<http://www.nwdnatesting.com>> accessed 17 October 2016. Checked again 7 February 2018 and still operating.

²⁵² OneOme, <<https://oneome.com/about>> accessed 19 February 2018.

²⁵³ Ormond Quay, <http://www.oqps.ie/?gclid=EAIaIQobChMI3I_AzqiU2QIVpbvtCh2frg1XEAAAYASAAEgI3W_D_BwE> checked again 7 February 2018 and still operating.

	<p>Due to sample collection commitments, our office is not always manned by a member of staff. We are unable to meet people who call unannounced to our offices without a scheduled appointment. To arrange an appointment call us on: (01) 487 77 94.</p> <p>Phone: (01) 487 77 94</p> <p>Email: info@oqps.ie</p> <p>Company Number: 519884</p> <p>Irish Vat Number: IE 9849355D</p>	<ul style="list-style-type: none">• Surrogacy• Forensic• Immigration• Drug• Established 2004
229) Oxford Ancestors ²⁵⁴	<p>Oxford, UK</p> <p>Address: Oxford Ancestors PO Box 841 Oxford OX1 9LJ United Kingdom</p>	<p>Offers</p> <ul style="list-style-type: none">• Paternal ancestry testing• Maternal ancestry testing<ul style="list-style-type: none">○ MatriLine DNA Service Price: £199.00○ MatriLine and Y-Clan Classic DNA Combo Price: £369.00

²⁵⁴ Oxford Ancestors, <<http://www.oxfordancestors.com/content/view/86/137/>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

	Phone + 44 (0)845 5438060	○ Y-Clan Classic DNA Service Price: £199.00
230) Paternity Depot ²⁵⁵	UK Address not on website	<ul style="list-style-type: none"> • Paternity • Immigration
231) Paternity Testing Corp ²⁵⁶	Paternity Testing Corporation 300 Portland Street Columbia, MO 65201 USA Email: ptc@ptclabs.com	<ul style="list-style-type: none"> • Paternity • Maternity • Other relationship testing • Immigration • Forensics
232) PaternityUSA ²⁵⁷	New Mexico, USA Genetic Testing Laboratory in Las Cruces New Mexico, and is part of (NMSU) New Mexico State University	<ul style="list-style-type: none"> • Home Paternity DNA Test • Legal Paternity DNA Test • Immigration Paternity Test • Home Maternity DNA Test • Legal Maternity DNA Test • Immigration Maternity Test • Home Grandparent Test • Legal Grandparent Test • Immigration Grandparent Test • Home Sibling DNA Test • Legal Siblingship DNA Test • Immigration Sibship Test • Home Aunt/Uncle Test • Legal Avuncular DNA Test • Immigration Avuncular DNA

²⁵⁵ Paternity Depot, <<http://www.paternitydepot.co.uk>> accessed 17 October 2016. Checked again 7 February 2018 and still operating.

²⁵⁶ Paternity Testing Corp, <<http://www.ptclabs.com>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

²⁵⁷ PaternityUSA, <<https://paternityusa.com/dnatests.htm>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

		<ul style="list-style-type: none"> • Home Missing Parent Test • Legal Missing Parent Test • Immigration Missing Parent • Infidelity [do not think they do this anymore, as of 24 April 2014]
233) Pathway Genomics ²⁵⁸	<p>Current address: 4755 Nexus Center Drive San Diego CA, 92121</p> <p>clientservices@pathway.com</p> <p>PH 877.505.7374</p> <p>Old address: 4045 Sorrento Valley Blvd. San Diego CA, 92121, USA Phone: (877) 505-7374 Fax: (858) 450-6604</p>	<ul style="list-style-type: none"> • Previously DTC through physician • Now (7 February 2018): <ul style="list-style-type: none"> ○ Fit IQ ○ And Skin IQ (these seem to be available DTC without physician) ○ Also Pathway Fit • Previous test range: <ul style="list-style-type: none"> ○ Cardiac DNA Insight ○ Cardiac Healthy Weight DNA Insight ○ Carrier Status DNA Insight ○ Health Conditions DNA Insight ○ Healthy Mommy DNA Insight [Now, Healthy Woman DNA Insight]. ○ Healthy Weight DNA Insight ○ Medication DNA Insight ○ Mental Health DNA Insight ○ Pain Medication DNA Insight ○ Pathway Fit® - nutrigenomic
234) Perkin Elmer	<p>Waltham, MA, USA Customer Care USA</p>	<ul style="list-style-type: none"> • Only through physicians • They offer a variety of maternal marker, newborn, and

²⁵⁸Pathway Genomics, <<https://www.pathway.com> > accessed 11 February 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

<p>Genetics²⁵⁹</p>	<p>Telephone : 800-762-4000 or +1 203-925-4602 FAX : +1 203-944-4904 Customer Care US@perkinelmer.com Corporate Headquarters 940 Winter Street Waltham Massachusetts 02451 USA Corporate Inquires : +1 (781) 663-6900</p>	<p>molecular testing</p> <ul style="list-style-type: none"> • Also cord blood and tissue banking
<p>235) PerioPredict™ Genetic Risk Test²⁶⁰</p>	<p>Owned by Interleukin</p>	<ul style="list-style-type: none"> • Now loads as Orig3n (7 February 2018) • Detects risk for developing periodontal disease.
<p>236) Proactive Four Corners of Health²⁶¹</p>	<p>Has several locations in Auckland and Wellington, New Zealand For physio, Transformative Rehabilitation™ and wellbeing enquiries in Auckland, please contact your local clinic.</p> <p>Parnell</p>	<ul style="list-style-type: none"> • DNA based diet and exercise plans • Nutrigenetics • Fitness • Concussion • DNAFit Plus for \$599(NZD) – seems to be distributing DNAFit tests (14 February 2018)

²⁵⁹ Perkin Elmer Genetics, <<http://www.perkinelmer.com/AboutUs/ContactUs/ContactUs>> accessed 10 August 2013. [Checked again 24 April 2014]. Checked again 7 February 2018.

²⁶⁰ PerioPredict™, 'What is PerioPredict™?' <<http://periopredict.com/patient/about.php>> accessed 15 April 2014.

²⁶¹ Proactive, <<http://proactive4health.co.nz>> accessed 14 February 2018.

Level 1, 177 Parnell Road,
Parnell, Auckland, 1052
P: (09) 307 3344 F: (04) 586
8497
E:
info@proactive4health.co.nz
More details

Wellington City

Soho Building, 72 Taranaki
Street, Wellington, 6011
P: (04) 586 8479 F: 04 586
8497
E:
info@proactive4health.co.nz
More details

237) **Orig3n**²⁶²

27 Drydock Ave, Boston, MA
02210, USA
Phone: +1 800-316-7301
<https://orig3n.com>
info@orig3n.com
Also selling through
Amazon.com (December
2017)

- Wide range of nutrigenetics
- Also skin testing
- Health and fitness
- Fitcode
- Aura
- Fuel bliss
- Bloom
- Superhero

²⁶² Orig3n, <<https://orig3n.com>> 7 February 2018.

238) Personal Genomics ²⁶³	Taiwan	<ul style="list-style-type: none"> • Brand new company [hard to track down, but probably coming online soon] • Still unclear 7 February 2018 <https://www.genomeweb.com/sequencing-technology/taiwanese-firm-developing-optoelectronic-single-molecule-sequencing-platform>
239) Personal Genome Diagnostics Inc ²⁶⁴	Based in John Hopkins University, Personal Genome Diagnostics, Inc. 855 N. Wolfe Street, Suite 629 Baltimore, MD 21205	<ul style="list-style-type: none"> • Can only be ordered by physicians • Does various cancer gene tests • Also cancer exome sequencing
240) PHENOM Biosciences Inc ²⁶⁵	4445 Eastgate Mall Suite 200 San Diego, CA 92121 1-855-PHENOM-HELP (1-855-743-6664) help@phenombio.com	<ul style="list-style-type: none"> • Has 4 options, but focus is on nutrigenomics and athletic ability. • Founded in 2011

²⁶³ Personal Genomics, website still coming. [24 April 2014]. Checked 2015 and 2016. Checked again 7 February 2018 and still operating, but now loads as <<https://orig3n.com>>

²⁶⁴ Personal Genome Diagnostics Inc, <<http://personalgenome.com/about-personal-genome-diagnostics>> accessed 13 August 2013. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

²⁶⁵ PHENOM Biosciences, <<http://www.phenombio.com/about-us>> accessed 30 April 2014. Checked again 7 February 2018 and may no longer be operating.

241) Prenetics ²⁶⁶	care@prenetics.com 7/F, Prosperity Millennia Plaza 663 King's Road, Quarry Bay Hong Kong +852 2210 9588	<ul style="list-style-type: none">• Nutrigenomics• Pharmacogenomics• Inherited cancer screen• Family planning screen
242) Priority Investigations ²⁶⁷	Based in Belfast, but has offices in Maryland, USA and in also in Croydon, UK. Address (as of 7 February 2018): Priority Investigations Ireland Limited 13 Upper Baggot Street 2nd Floor Dublin 4, D04 W7K5, Ireland Tel: + 353 (0)1 969 7874 3 Wellington Park Belfast, BT9 6DJ Northern Ireland T: + 44 (0) 28 9442 8284 Old addresses: Head Office PO Box 266 Belfast BT5 4AQ UK	<ul style="list-style-type: none">• Offers a wide range of investigation services, including<ul style="list-style-type: none">○ Paternity testing:<ul style="list-style-type: none">▪ at £125 for self collection▪ legal DNA test at £250 plus £50 collection fee.

²⁶⁶ Prenetics, <<http://www.prenetics.com/igenes-patients/>> accessed 8 November 2016. Checked again 7 February 2018 and still operating.

²⁶⁷ Priority Investigations, <http://www.pilimited.com/pages/index.asp?title=About_Us> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

	<p>Priority Investigations Agencies – Head Office PO Box 266, Belfast, BT5 4AQ E-mail: HQ@PILimited.com Tel: 028 9442 8284 (+44 28 9442 8284) United Kingdom Priority Investigations – London 403 Davis House, High Street, Croydon, CR0 1QQ E-mail: Croydon@PILimited.com Tel: 020 7345 6700 (+44 20 7345 6700)</p>	
243) Private Lab Results²⁶⁸	<p>Address: 3107 W. Colorado Ave #265 Colorado Springs CO 80904</p> <p>Phone: 1-800-908-9117</p>	<ul style="list-style-type: none"> • Paternity testing • Infidelity testing • Cremated remains testing • Date rape testing • Food tests
244) Prophase Genetics²⁶⁹	<p>Only has phone number – 1-800-DNA-1840, but a GoogleMaps search suggests</p>	<ul style="list-style-type: none"> • Paternity – legal and home option • Maternity

²⁶⁸ Private Lab Results, <<https://privatelabresults.com>> accessed 16 May 2016. Checked again 7 February 2018 and still operating.

²⁶⁹ Prophase Genetics, <http://www.prophase-genetics.com/about_prophase_genetics.html> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and now links to <<https://dnacenter.com>>

	that the company is based in Australia: 103 Victoria Parade Collingwood VIC 3066 Australia	<ul style="list-style-type: none"> • Relationship testing • Native American • Ancestry
245) Relative Genetics		<ul style="list-style-type: none"> • [No longer operating]. Now owned by AncestryDNA • <https://www.familytreedna.com/learn/imports/transfer-y-dna-results/tested-relative-genetics-qualify-transfer/>
246) Remede ²⁷⁰	13 Glyde St Mosman Park, 6012 Perth, Western Australia P: 08 9286 1166 F: 08 9286 1883 E: reception@remede.com.au	<ul style="list-style-type: none"> • Nutrigenomics • Customer must meet with practitioner.
247) Rightangled LTD ²⁷¹	The Biohub Birmingham, 97 Vincent Drive, Birmingham, West Midlands B15 2SQ UK	<ul style="list-style-type: none"> • As of 19 February 2018 offers: <ul style="list-style-type: none"> ○ Diet and nutrition test £79 ○ Drug response £129 ○ Inherited conditions £129 ○ Full heart £169 • Nutrigenetics

²⁷⁰ Remede, <<http://remede.com.au/dna-profiles-nutrigenomics/>> accessed 7 April 2014. [Checked again 24 April 2014]. Checked in 2015 and 2016. Checked again 7 February 2018 and still operating.

²⁷¹ Rightangled LTD, <<https://www.heartdnatest.com/index.asp>> accessed 19 February 2018.

		<ul style="list-style-type: none">• Pharmacogenetics• health
248) Roots for Real ²⁷²	Cambridge, UK Roots for Real, Genetic Ancestry, PO BOX 503, Cambridge CB1 0AN, ENGLAND	<ul style="list-style-type: none">• Ancestry testing<ul style="list-style-type: none">○ mtDNA test ("motherline"), \$290/€230/£195○ Y test ("fatherline", men only), \$290/€230/£195○ Blood relationship test (two samples), \$580/€460/£390○ New Autosomal Admixture test, \$350/€260/£220○ Reanalysis of an existing mtDNA or Y chromosomal profile, \$95/€80/£70
249) Salugen ²⁷³		<ul style="list-style-type: none">• Website not currently working. Company may no longer be operating. [As of 13 August 2013] [Do not think this is operating any longer 24 April 2014].

²⁷² Roots for Real, <<http://www.rootsforreal.com>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked in 2016 and 2016. Checked again 7 February 2018 and still operating.

²⁷³ Salugen, <<http://salugen.com>> accessed 13 August 2013. [Checked again 29 January 2014 and website malfunctioning, check again]. [Checked again 24 April and seems to no longer be operating]. Checked the website 7 February 2018 and there is still a website.

		<ul style="list-style-type: none"> Checked the website again 7 February 2018 and according to the website it has been acquired by Sherbrooke Equity AG²⁷⁴
250)	ScientificMatch Boston, MA	<ul style="list-style-type: none"> Was DTC DNA dating website founded in 2007. [No longer operating]²⁷⁵
251)	Sciona	<ul style="list-style-type: none"> No longer operating. But had been prominent in the field of nutrigenomics Was founded in 2001²⁷⁶
252)	Scotlands DNA ²⁷⁷ Scotland, but no address provided	<ul style="list-style-type: none"> Linked to Britain's DNA - It ceased trading 3rd July 2017 – see https://isogg.org/wiki/BritainsDNA (26 January 2018) Ancestry testing
253)	SecureDNA Australia Secure DNA Technologies Pty	<ul style="list-style-type: none"> Website no longer operating.²⁷⁸? but as of 7 February

²⁷⁴ Press Release (2008) <<http://www.24-7pressrelease.com/press-release/salugen-acquired-by-swiss-investment-group-sherbrooke-equity-fra-s59-and-becomes-salugen-ag-68098.php>> accessed 7 February 2018.

²⁷⁵ ScientificMatch.com, <http://inventorspot.com/articles/scientific_match_finds_you_date_based_chemistryyou_know_test_tub_28439> accessed 31 January 2014; MK Scott, 'ScientificMatch.com Uses DNA Samples To Make Perfect Couple' (*Huffington Post* 12 November 2009) <http://www.huffingtonpost.com/2009/11/13/scientificmatchcom-uses-d_n_356646.html> accessed 19 June 2013 [checked again 31 January 2014]; and ScientificMatch.com in Wikipedia, <<http://en.wikipedia.org/wiki/ScientificMatch.com>> [checked again 31 January 2014].

²⁷⁶ See Sciona UK, <<http://eurogene.biomed.ntua.gr/page11.html>> accessed 24 April 2014; GeneWatch UK, 'The Body Shop and Sciona' <<http://www.genewatch.org/sub-425647>> accessed 24 April 2014.

²⁷⁷ Scotlands DNA, <<http://www.scotlandsdna.com>> accessed 8 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and is not operating.

²⁷⁸ Thanks to Dianne Nicol and Mary Charbonneau. Checked <<http://www.securedna.com.au>> 10 January 2016. Checked again October/November 2016 and 7 February 2018 and still operating.

<p>Technologies</p>	<p>Ltd Office Address: Level 1, 7 Clunies Ross Court, Eight Mile Plains, Qld 4113, Australia</p>	<p>2018 it does seem to be operating.</p> <ul style="list-style-type: none"> • lifestyle • nutrigenetics • health • ancestry • athletic
<p>254) Serotech Laboratories LTD²⁷⁹</p>	<p>Toronto and Burlington, Ontario, Canada</p> <p>Toronto Office 22 College Street, Unit 104 Toronto, Ontario M5G1Y6 Tel: 416-967-0567 or 1-877- DNA-5556 Fax: 905-637-3930</p> <p>Burlington Testing Facilities 26 – 4380 South Service Road Burlington, ON L7L 5Y6 Tel: 905-637-2814 or 1-877- DNA-5556 Fax: 905-637-3930</p> <p>Phone order number 1-877-</p>	<ul style="list-style-type: none"> • The online ordering function is not currently working [14 August 2013]. [Still seems to be malfunctioning as of 24 April 2014, but you can order by phone]. • DTC, it has home collection kits and also collection sites • They have sites throughout Canada. • Paternity • Maternity • Relationship testing • Forensic material identification and testing (infidelity)

²⁷⁹ Serotech Laboratories LTD, <<http://serotech.com/contact.php>> accessed 12 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked 7 February 2018 and may no longer be operating.

	DNA-5556	
255) She Cheated ²⁸⁰	SheCheated 3820 W. Happy Valley Rd. Suite 141-214 Glendale, AZ 85310 info@shecheated.net toll free 888-908-9046 7 days 8-8	<ul style="list-style-type: none">• DNA testing for Infidelity
256) Signal Genetics Inc ²⁸¹	667 Madison Ave., 14th Floor, New York, NY 10065 . Phone: 212.486.0040 . Fax: 212.319.3328 Email: info@signalgenetics.com	<ul style="list-style-type: none">• Through physician• Cancer• 'MyPRS™ test analyzes a whole-genome expression profile (GEP) of the patient's tumor cells and uses proprietary, well-validated algorithms to generate a personalized prognosis assessment and molecular characterization of the disease. This can aid physicians in selecting the optimal treatment regimen for each patient's unique condition. MyPRS™ can be used at the time of initial myeloma diagnosis or if the patient

²⁸⁰ She Cheated, <<http://www.shecheated.net>> accessed 2 February 2013. [Checked again 24 April 2014]. Checked in 2015 and 2016. Checked October 2017 and 7 February 2018 and may no longer be operating

²⁸¹ Signal Genetics Inc, <<http://www.signalgenetics.com>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked 7 February 2018 and may no longer be operating.

		has experienced a relapse of their disease’.
257) SingldOut ²⁸²	Based in San Diego, CA, according to this article:	<ul style="list-style-type: none"> • Founded in 2014²⁸³ • Genetic matchmaking site. • As of 7 February 2018 the website is not loading normally and it seems to be linking to DNA Romance <https://www.dnaromance.com/?utm_source=singldout.com>
258) Simplified Genetics ²⁸⁴	2622 Commerce St, Dallas, TX 75226, USA	<ul style="list-style-type: none"> • Nutrigenetics • fitness • Simply Fit Essentials DNA testing Kit \$299 (as of 16 February 2018)
259) Silbase Genetics ²⁸⁵	Victoria, Australia Address: 60-66 Hanover Street Fitzroy VIC 3065 Australia Postal Address: P.O. Box 115	<ul style="list-style-type: none"> • Paternity with legal option • Maternity with legal option

²⁸² SingldOut, <<https://singldout.com/#/>> accessed 4 November 2015. Checked 7 February 2018 and still operating, but now seems to be DNA Romance

²⁸³ See Jordan Crook, ‘Singld Out, A DNA-Based Dating Service, Can Match You With Dates Who Will Smell Sexy’ TechCrunch (28 August 2014) <<https://techcrunch.com/2014/08/28/singld-out-a-dna-based-dating-service-can-match-you-with-dates-who-will-smell-sexy/>> Wikipedia entry for <<https://en.wikipedia.org/wiki/SingldOut>>; See also Erik Sherman, ‘Can you find your genetic love match?’ <http://www.cbsnews.com/news/computer-dating-meets-dna-analysis/>

²⁸⁴ Simplified Genetics, <<https://simplifiedgenetics.com/dna-fitness-testing-kits/simply-fit-essentials/>> accessed 14 February 2018. Checked 16 February 2018.

²⁸⁵ Silbase Genetics, <www.silbase.com.au> accessed 13 May 2014. <<http://www.paternity.silbase.com.au>> Checked again 7 February 2018 and still operating.

	Fitzroy VIC 3065 Australia Free Call 1800 822 564 Fax +61 3 8412 7041	
260) Skin DNA Canada ²⁸⁶	Based in Vancouver, Phone 1-844-DNA-0DNA (362-0362) Email Addresses Clinic Sales & Customer Inquiries customercare@skindnacanada.com Address SkinDNA Canada Inc. P.O. Box 37136 RPO Lonsdale North Vancouver, BC V7N 9Z9	<ul style="list-style-type: none">• Skin DNA tests – link with DNAPowerLab
261) Smart DNA ²⁸⁷	smart DNA Pty Ltd Suite 16, Level 1 181 Bay Street Brighton Vic 3186, Australia	<ul style="list-style-type: none">• Aimed at medical practitioners (7 February 2018)<ul style="list-style-type: none">○ Offers:<ul style="list-style-type: none">▪ Genomic Wellness Test▪ And smartGUT Microbiome test• Test kits can only be ordered by a physician, but once

²⁸⁶ SKINDNA, <<https://www.skindnacanada.com>> accessed 19 December 2017. Checked again 7 February 2018 and still operating.

²⁸⁷ Smart DNA, <<http://www.smartdna.net.au/howitworks.html>> accessed 13 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014].

		<p>this is done, they do allow for home sample collection. (2014)</p> <ul style="list-style-type: none"> • 'smart DNA has devised the most appropriate gene panels to assess your clients health. Each test has the ability to capture up to 72 genetic snips. These panels include: <ul style="list-style-type: none"> ○ Phase I and Phase II Detox (Anti-aging) ○ Oxidative Stress ○ Bone Health ○ Lipid Profiling ○ Diabetes ○ Inflammation ○ Nutria-gen ○ Lactose Intolerance ○ Weight & Exercise Management' (quoted from website in 2014)
<p>262) Smart Genes²⁸⁸</p>	<p>The Herbal Dispensary 160 Hills Road, Christchurch</p> <p>The Herb Centre 220 Kilmore Street, Christchurch New Zealand</p>	<ul style="list-style-type: none"> • Nutrigenetics • Health • Diabetes • Weight loss profile
<p>263) Soccer Genomics²⁸⁹</p>	<p>USA</p>	<ul style="list-style-type: none"> • DNA soccer test • Child talent

²⁸⁸ Smart Genes, <<http://www.smartgenes.co.nz>> accessed 14 February 2018.

²⁸⁹ Soccer Genomics, <<https://www.soccergenomics.com>> accessed January 2018. Checked again 9 February 2018 and still operating.

<p>264) Sports Gene LLC²⁹⁰</p>	<p>Lai 30, 51005, Tartu, ESTONIA, EU Consultations and food intolerance test are available also in Tallinn, Kollane 8/10- 7.</p> <p>E- mail: info@sportsgene.ee</p>	<ul style="list-style-type: none"> • Genetic test for atheletic ability • Genetic test for weight management • Food intolerance • Nutrigenetics
<p>265) SwabTest²⁹¹</p>	<p>Seattle, USA United States - Head Office Genex Diagnostics SwabTest - Molecular Diagnostics Division #180 - 4616 25th Ave NE Seattle, WA 98105 United States</p>	<ul style="list-style-type: none"> • Paternity and Maternity <ul style="list-style-type: none"> ○ Premium Motherless DNA Paternity Test (for child and alleged father) \$79(US). ○ Premium DNA Paternity Test (for mother, child, and alleged father) \$125(US) • Grandparent • Twin • Prenatal • And forensic
<p>266) TellmeGen²⁹²</p>	<p>Seems to be based in Spain: info@tellmegen.comArquitect o Mora, 5 – 4 / 46010 / Valencia(+34) 960 090 596 Also has outlets in Argentina, Colombia, UAE, and Uruguay</p>	<ul style="list-style-type: none"> • Health • Genetic predisposition testing • pharmacogenetics • IQ

²⁹⁰ Sports Gene, <<http://www.sportsgene.ee/services>> accessed 4 November 2015. Checked again 7 February 2018 and still operating.

²⁹¹ SwabTest, <<http://www.swabtest.com/findatest/paternity.php>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014].

²⁹² TellmeGen, <<https://www.tellmegen.com/en/>> accessed 7 February 2018.

<p>267) Test Country²⁹³</p>	<p>San Diego, CA, USA, But has UK and EU websites as well and offices in UK and EU. Global Business Support Systems, Inc. DBA TestCountry 6370 Nancy Ridge Dr. Ste 104 San Diego, CA 92121</p>	<ul style="list-style-type: none"> • Ancestry • Immigration • Paternity • Maternity • Relationship testing • Variety of wellness test options • Nutrigenomic • Drug testing • Cat and dog wellness
<p>268) Test Diagnostics²⁹⁴</p>	<p>Test Diagnostics Limited 78 York Street London United Kingdom W1H 1DP</p>	<ul style="list-style-type: none"> • Ancestry • Predisposition • Identification profiling • Paternity and relationship • Missing parent • Food allergy test
<p>269) Test Infidelity²⁹⁵</p>	<p>Test Infidelity 21704 Devonshire Street, Suite 303 Chatsworth CA, 91311 Phone: Toll-free 1-877-786- 9323 (24 Hours / 7 Days)</p>	<ul style="list-style-type: none"> • Forensic Infidelity test

²⁹³ Test Country, <<http://www.testcountry.com>> accessed 10 August 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014].

²⁹⁴ Test Diagnostics, <<http://www.testdiagnostics.com/uk/category/genetic-health>> accessed 5 February 2014. [Checked again 24 April 2014].

²⁹⁵ Test Infidelity, <<http://www.testinfidelity.com>> accessed 20 January 2014. [Checked again 24 April 2014].

	Fax: 818-772-8688 Email: contact@testinfidelity.com	
270) That DNA Company ²⁹⁶	UK, owned by Complement Genomics Ltd Complement Genomics Ltd 129i Bioscience Centre Business and Innovation Centre Sunderland, Tyne & Wear SR5 2TJ	<ul style="list-style-type: none"> • Paternity • – for 1 child and alleged father = £88 • – for 2 children and alleged father = £135 • – child and 2 alleged fathers = £135
271) The Makings Of Me ²⁹⁷	Appears to be based in Japan, but no address given	<ul style="list-style-type: none"> • Nutrigenomics • Hair loss • Nearsightedness • Child talent • Athletic ability • Height • Overweight potential • Smoking behaviour <p>[Much of the website is malfunctioning as of 24 April 2014] [Check again]</p>
272) The Wellness Brothers ²⁹⁸	No address proved. However, it seems to be based in the United Arab Emirates	<ul style="list-style-type: none"> • Nutrigenomics • 4 tests offered: <ul style="list-style-type: none"> ○ DNA Diet ○ DNA Health

²⁹⁶ That DNA Company, <<http://www.thatdnacompany.com>> accessed 9 September 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014].

²⁹⁷ The Makings of Me, <<http://www.themakingsofme.com>> accessed 7 April 2014. [Checked again 24 April 2014].

²⁹⁸ The Wellness Brothers, <<http://thewellnessbrothers.com/dna-diet.htm>> accessed 7 April 2014. [Checked again 24 April 2014].

		<ul style="list-style-type: none">○ DNA Fit○ DNA Oestrogen• [Testing only available in UAE]
<p>273) The Wellness Gene²⁹⁹</p>	<p>LOCATIONS: Beaverton, OR 17933 NW Evergreen Pkwy Suite 220, Beaverton, OR 97006</p> <p>PHONE: (503) 828-0241</p> <p>Vancouver, WA 15593 SE Mill Plain Blvd Vancouver, WA 98684</p> <p>PHONE: (360) 896-0424</p> <p>Auburn, WA 201 S. Division Street Ste. D Auburn WA 98001</p> <p>PHONE:(253) 737-5550</p> <p>Lacey, WA 4460 Pacific Ave SE, Ste A Lacey, WA 98503</p>	<ul style="list-style-type: none">• Nutrigenomic• Athletic performance• Disease risk

²⁹⁹ The Wellness Gene, <<http://www.wellnessgene.com/DNA-Test.html>> accessed 29 April 2014. Checked again 29 December 2017

PHONE: (360) 742-6030		
274) Theranostics Lab ³⁰⁰	New Zealand No address provided.	<ul style="list-style-type: none"> • Pharmacogenetic • Diagnostic • Predictive • Nutrigenomic: <ul style="list-style-type: none"> ○ Lactose intolerance \$115(NZD) ○ Caffeine metabolism \$95(NZD) • Coronary Artery Disease Risk
275) Toldot Genetics ³⁰¹	Toldot Genetics LTD BATM Group Phone: +972.9.866.2525 Fax: +972.9.866.2500 Address: Neve Ne'eman Ind. Area 4 Ha'harash Street, P.O.B. 7318 4524075 Hod Hasharon, Israel Email: info@toldot-dna.com	<ul style="list-style-type: none"> • Services through physicians • Much of site is 'Coming Soon'
276) Triangle Wellness &	USA 182 Wind Chime Court, Suite	<ul style="list-style-type: none"> • As of 7 February 2018 unclear exactly what genetic tests are offered.

³⁰⁰ Theranostics Lab, <<http://www.theranostics.co.nz/afawcs0143120/tn-products.html>> accessed 5 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014].

³⁰¹ Toldot Genetics, <<http://www.toldot-dna.com/content/about-us>> accessed 28 January 2014. [Checked again 24 April 2014].

<p>Sports Cente³⁰²</p>	<p>203 Raleigh, North Carolina 27615</p>	<ul style="list-style-type: none"> • atheletic • nutrigenetic • disease risk • health
<p>277) ULISSES WORLD³⁰³</p>	<p>No address provided USA.</p>	<ul style="list-style-type: none"> • Athletic testing • Not clear whether they still sell genetic tests (7 February 2018)
<p>278) Universal Genetics DNA Testing Laboratory³⁰⁴</p>	<p><u>Universal Genetics</u> headquarters is located in the Greater Los Angeles area. We have a large <u>specimen collection network</u> in all 50 states and around the world. Wherever you are, we will be able to arrange a convenient specimen collection appointment for you. You can reach us at: Mailing Address: 604 E. Huntington Drive, Los Angeles, CA 91016 TOLL FREE: 1 - 800 - 914 - 1002 Direct Telephone: (626)</p>	<ul style="list-style-type: none"> • Paternity legal and non legal 'curiosity' • Relationship testing • Native American testing • DNA profiling

³⁰² Triangle Wellness & Sports Center, <<http://www.trianglewellness.com/contact.htm>> checked 4th November 2015 and malfunctioning. Checked again 10 January 2016 and website working again. Checked again 7 February 2018 and still operating

³⁰³ ULISSES World, <<http://www.ulissesworld.com/570-2/>> accessed 30 April 2014. Checked again 7 February 2018 and still operating.

³⁰⁴ Universal Genetics, <<http://www.dnatestingforpaternity.com/other-dna-tests.html>> accessed 3 July 2013. Checked again 7 February 2018 and still operating.

	930 - 8700 FAX: (626) 737-6221 E-MAIL: info@universalgenetics.com	
279) Veritas Genetics ³⁰⁵	Based in USA 99 Conifer Hill Dr, Danvers, MA 01923, USA	<ul style="list-style-type: none"> • Whole genome sequencing • Disease risk • Health • Family • Co-founded in 2014 by George Church
280) VIAMEDEX Genetic Laboratories ³⁰⁶	info@viamedex.co.uk	<ul style="list-style-type: none"> • Ancestry • Predisposition • Drug and alcohol
281) VITAGENE ³⁰⁷	415 Brannan Street San Francisco, CA 94107 USA info@vitagene.com Consent	<ul style="list-style-type: none"> • Health • Ancestry • Nutrigenetics • Diet • fitness • Offers health and ancestry test combo for \$99 (as of 14 February 2018) • Also sells through Amazon.com
282) vuGene ³⁰⁸	California, USA	<ul style="list-style-type: none"> • Predisposition testing for Alzheimer's Dementia • Stroke risk test • Has the following tests:

³⁰⁵Veritas Genetics <<https://www.veritasgenetics.com>> checked 10 August 2017. Checked again 29 December 2017 and still operating. Checked 7 February 2018 and still operating.

³⁰⁶ VIAMEDEX, <<http://viamedex.co.uk/contact.php>> accessed 17 October 2016. Checked again 29 December 2017 and still operating. Checked 7 February and 14 February 2018 and still operating.

³⁰⁷ VITAGENE, <<https://vitagene.com>> accessed 14 February 2018

³⁰⁸ vuGene, <<http://www.mygenesdirect.com>> accessed 2 January 2013. [Checked again 29 January 2014 and website not displaying]. [Checked again 24 April 2014]. Checked 7 February 2018 and may no longer be operating. Need to check again.

		<ul style="list-style-type: none"> ○ Alzheimer's Basic Test - \$199.95 ○ Alzheimer's Test for Women - \$209.95 ○ Stroke Risk Test - \$149.95 ○ Weight Gain/Loss Risk Test - \$189.95 ○ Obstructive Sleep Apnea Risk Test - \$199.95 • [Website not working as of 24 April 2014]
283) White Lotus ³⁰⁹	<p>Based in Canada White Lotus Naturopathic Clinic and Integrated Health 121 Willowdale Ave Suite 301 Toronto, Ontario M2N 6A3 Canada Phone: (416) 730 - 8218 Fax: 1-(888) 688 - 2028 Email: info@whitelotusclinic.ca</p>	<ul style="list-style-type: none"> • nutrigenetics • fertility
284) Who's the daddy? ³¹⁰	<p>East Sussex, UK Who'sTheDaddy?TM Phoenix House 32 West Street Brighton East Sussex BN1 2RT Telephone: 0800 840</p>	<ul style="list-style-type: none"> • Paternity with legal options • Maternity with legal options • Ancestry • DNA identification profiling • Home DNA banking <ul style="list-style-type: none"> ○ £99 for alleged father and 1 child

³⁰⁹ White Lotus, <<http://www.whitelotusclinic.ca>> checked 10 January 2016; checked again 7 February 2018 and still operating.

³¹⁰ Who's the daddy?, <<http://www.whozthedaddy.com/regions/UK/EN/contact.asp>> accessed 5 January 2013. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked in 2015, October 2016, October and December 2017. Checked January and 7 February 2018 and still operating.

	<p>1134 Telephone: +44 (0) 1273 321314 (from outside the UK) Fax: 01273 748505 The Paternity Testing Company Limited T/A Who'sTheDaddy?™ Registe red in England and Wales Company No. 7767995 Registered Office: 23 Brunswick Terrace, Hove, BN3 1HJ VAT Registration Number: TBC Data Protection Registration Number: Z1488414 It provides franchise opportunities</p>	<ul style="list-style-type: none"> ○ £119 for Alleged father, mother and 1 child ○ £99 for alleged mother and 1 child ○ £199 siblingship ○ Paternal ancestry – £249 Y-STR Male Lineage Test ○ Maternal ancestry – £349 X-SV Female Lineage Test ○ Missing Parent test – £249 Child and both maternal or paternal grandparent ○ Other relationship testing – £199 Child and alleged grandparent/aunt/uncle ○ Legal, court approved: <ul style="list-style-type: none"> ▪ Court Approved Paternity Test (with mother) – £299 ▪ Court Approved Maternity Test with 1 alleged mother and 1 child – £299 ▪ Court Approved Siblingship Test – £349 ▪ Court Approved Missing Parent Test – £399
<p>285) XRGenomics Ltd³¹¹</p>	<p>xrgenomics@cellmark.co.uk Based in Sweden and research offices based in London, UK. Has locations in Europe, Australia, and USA. Research Offices:</p>	<ul style="list-style-type: none"> • May no longer be operating 7 February 2018. • Offers XRpredict + £149 [as of 1 May 2014] • Established in 2012 • 'XRGenomics holds the world's first patented diagnostic for guiding exercise and life-style advice and partners with Cellmark, the world's first

³¹¹ XRGenomics, <<http://www.xrgenomics.co.uk/about/>> and <<http://www.xrgenomics.com>> accessed 1 May 2014. Checked 7 February 2018 and may no longer be operating.

	31-35 Kirby Street, London EC1N 8TE	commercial DNA testing laboratory, to provide world-wide delivery of our novel DNA guided computer-directed analysis of your personalised fitness goals'.
286) YSEQ DNA Origins Project ³¹²	Call (+1) 281-627-8872 info@yseq.net	<ul style="list-style-type: none">• May no longer be operating 7 February 2018.• Ancestry testing focussing on paternal lineage.• Website is malfunctioning [as of 1 May 2014]• 'Thomas and Astrid Krahn have launched a new small business by the name of YSEQ.net. Thomas and Astrid were formerly employed by Family Tree DNA where they developed the Walk Through the Y SNP discovery programme. The new company will cater for a niche market developing custom SNPs on demand. Thomas announced the service on the Genealogy DNA list and in the ISOGG Facebook group as follows:<ul style="list-style-type: none">○ Expecting a flood of new SNPs from Next Gen sequencing we try to help with cleaning up the mess by offering very traditional Sanger sequencing for any marker you desire on the Y chromosome. The testing will be performed in our own laboratory.• Check out http://yseq.net/ and http://shop.yseq.net/• We don't have very many markers yet, but you can "Wish a SNP" of your choice and we'll make it available as fast as we can. We'll not limit the number of markers to 2000 or so. If you just received your NGS results, ask us for a bulk package offer by e-mail

³¹² YSEQ DNA Origins Project, <<http://www.yseq.net>> accessed 1 May 2014. Checked 7 February 2018 and may no longer be operating.

(info@yseq.net). Let me know if you have questions.

- YSEQ will focus on providing SNPs that are not available with other testing companies. SNPs will be available either singly or in panels. Family Tree DNA was previously the only other company to offer single SNP testing, but they currently do not have the capacity to provide testing for more than 2000 additional SNPs.
- New SNPs can be suggested. There is a \$1 fee for suggestions but this is a formal spam blocker, and it will be possible to send a long list of markers at once with a single submission.
- YSEQ also plan to offer a Y-STR testing service in the near future. It is expected that this service will focus on the 300 or more STRs that are included in the next generation sequencing tests but which are not currently available to test separately from any commercial provider.
- YSEQ will provide a very useful and much-needed service as we anticipate the arrival of the SNP tsunami. We are entering uncharted territory with next generation sequencing of the Y-chromosome. Custom SNP testing using the tried and tested Sanger sequencing technology will be necessary to validate the new SNPs found. Custom SNP testing will also provide a cheaper method for comparative testing of

		SNPs to verify their placement on the branches of the Y-tree'. ³¹³
287) YOUology ³¹⁴	YOUology Health Ltd. U.S.A. and Canada 1-877-766-8950 info@youology.com www.facebook.com/YOUology	<ul style="list-style-type: none">• Nutrigenomics• 3 products:<ul style="list-style-type: none">○ DNA test for weight loss○ DNA test for fitness○ DNA test for diet

³¹³ Debbie Kennett, 'YSEQ.net - a new company offering a single SNP testing service' <<http://cruwys.blogspot.co.uk/2013/11/yseqnet-new-company-offering-single-snp.html>> accessed 1 May 2014.

³¹⁴ YOUology, <<http://www.youology.com/about-youology.html>> accessed 7 April 2014. [Checked again 24 April 2014].Checked 2016 [Checked again 7 February 2018 and website malfunctioning, but may still be operating].

Additional relevant companies:

Company	Location	Service
1) Amazon		<ul style="list-style-type: none"> Note: Amazon through Amazon.ca, amazon.com, and amazon.co.uk³¹⁵ sells a number of other companies' DTC tests, including: <ul style="list-style-type: none"> ○ 23andMe ○ AncestryDNA ○ MyHeritage ○ ORIG3N Vitagene
2) Athena Diagnostics Inc³¹⁶	<p>Massachusetts</p> <p>Athena Diagnostics, Inc. 200 Forest Street, 2nd Floor Marlborough, MA 01752 Phone: 1 (800) 394-4493</p>	<ul style="list-style-type: none"> Only available through physician Linked with Quest Diagnostics Wide range of health tests Not DTC (26 January 2018)
3) ATHLETIGEN³¹⁷	<p>Athletigen Technologies, Inc. 211 Horseshoe Lake Drive. Halifax, NS B3S 0B9 Canada</p>	<ul style="list-style-type: none"> Not DTC, but provides sport report on the basis of other companies' data. Athletic testing /sport Allows for uploading of Athletigen, AncestryDNA, and

³¹⁵ Amazon, <www.amazon.com>, <www.amazon.ca>, checked 29 December 2017. <www.amazon.com>, <www.amazon.ca>, <www.amazon.co.uk> checked 14 February 2018

³¹⁶ Athena Diagnostics, <https://www.athenadiagnostics.com> checked October 2016. Checked again 26 January 2018 and still operating.

³¹⁷ ATHLETIGEN, <https://athletigen.com> accessed 9 February 2018.

		23andMe Data
4) ARUP Lab ³¹⁸	<p>ARUP Laboratories 500 Chipeta Way Salt Lake City, UT 84108-1221 Phone (800) 242-2787 (801) 583-2787 (800) 522-2706 (fax) HIPAA Compliance and Privacy Officer Dina Hannah, MBA/HCM, MT(ASCP)H, SBB, CIPP (800) 242-2787, ext. 5126) 522-2706 (fax)</p>	<ul style="list-style-type: none"> • Offers large number of specialised test. • This service is only available to physicians. [This probably is not DTC, but it is included as one of the companies that target physicians] • These are some examples: <ul style="list-style-type: none"> ○ 5-Fluorouracil (5-FU) Toxicity and Chemotherapeutic Response, 7 Mutations ○ Achondroplasia (FGFR3) 2 Mutations ○ Carnitine Panel • Ashkenazi Jewish Diseases (BLM, ASPA, IKBKAP, FANCC, GBA, MCOLN1, SMPD1, HEXA)
5) DNADirect ³¹⁹	<p>DNA Direct, Inc. 400 Buckwalter Place Blvd. Bluffton, SC 29910 USA Phone: 800.918.8924 Fax: 866.699.8160</p>	<ul style="list-style-type: none"> • Acquired by eviCore healthcare Lab Management • Is aimed at hospitals and physicians. Services are only available through physicians.
6) Enterolab ³²⁰	<p>Dallas, Texas, USA Address: 13657 Jupiter Road, Suite</p>	<ul style="list-style-type: none"> • Aimed at physicians • Variety of tests, most of which are focussed on

³¹⁸ ARUP Lab, <<http://www.aruplab.com/genetics/tests>> accessed 22 January 2014. Checked again 26 January 2018 and still operating.

³¹⁹ DNADirect, <<http://www.dnadirect.com/dnaweb/consumers/consumers.html>> accessed 9 September 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked 19 February 2018 and there is a message that it has been acquired by eviCore healthcare Lab Management and the site then loads as this
 <<https://www.evicore.com/solution/Pages/LabManagement.aspx>>

³²⁰ Enterolab, <<https://www.enterolab.com>> accessed 15 August 2013. [Checked again 28 January 2014 and still operating]. [Checked again 12 April 2014]. Checked 19 February 2018 and still operating.

	106, Dallas, TX 75238.	sensitivities to particular foods.
7) Facebook's Genes For Good ³²¹	Linked with University of Michigan's School of Public Health	<ul style="list-style-type: none"> • One to watch • Working with University of Michigan³²² : • This is a study: <ul style="list-style-type: none"> ○ 'Genes for Good is a research study conducted at the University of Michigan. The major goal of the study is to engage tens of thousands of individuals in genetic research. The primary tool to accomplish this is the Genes for Good Facebook App. Participants engage in the study through the App, answer health-related questions, and view summaries of selected survey questions.' ○ 'Common and Complex Disease Heart disease, cancer, diabetes, smoking, alcohol abuse -- these are some of the diseases and behaviors that impact our entire society. They are leading causes of death and disability in the U.S. and worldwide. Each is caused, at least in part, by genes. The DNA we inherited from our parents affects our risk for a vast array of diseases and behaviors. Our chances of trying cigarettes or becoming addicted to alcohol, for example, is strongly influenced by our genes.'³²³
8) Genepeeks ³²⁴	VA, USA	<ul style="list-style-type: none"> • Now operating • Not DTC – available through physicians

³²¹ Facebook, <<https://genesforgood.sph.umich.edu>> accessed 9 November 2015.

³²² <https://genesforgood.sph.umich.edu/facebook_app> accessed 7 February 2018.

³²³ About the Study, <https://genesforgood.sph.umich.edu/about_study> accessed 23 February 2018.

³²⁴ Genepeeks, <<http://www.genepeeks.com>> accessed 27 January 2014. [Checked again 14 April 2014].

		<ul style="list-style-type: none">• Identities risk for 1100 genetic diseases (14 February 2018)• Fertility testing• They will soon be offering the Matchright Kit, which will offer:³²⁵<ul style="list-style-type: none">○ Personalized, risk-screened catalogue of donors based on your unique genetic profile○ Unlimited access to all donor information, including extended hand-written profiles, audio interviews, and childhood pictures of donors○ Professional genetic counseling services• Complimentary donor matching services
9) Guardiome ³²⁶	La Jolla, California, USA	<ul style="list-style-type: none">• The idea is to give consumers their genome on an encrypted device
10) Nebula Genomics		<ul style="list-style-type: none">• New venture (2018)• Quoted from website:• 'Nebula Genomics will leverage blockchain technology to eliminate middlemen and empower people to own their personal genomic data. This will effectively lower sequencing costs and enhance data privacy, resulting in growth of genomic data. Our open protocol will

³²⁵ Genepeeks, <http://www.genepeeks.com/get_started/order_matchright/> accessed 27 January 2014. [Checked again 14 April 2014]. Checked again 14 February 2018 and operating.

³²⁶ Ray, T., and Thomas, U., (29 December 2015) 'Startup Guardiome Emphasizes Privacy in New WGS Consumer Offering' Genomeweb <<https://www.genomeweb.com/sequencing-technology/startup-guardiome-emphasizes-privacy-new-wgs-consumer-offering>> accessed 30 December 2015. Guardiome, <<https://www.guardiome.com>> checked again 16 February 2018 and it says to check back on 1st March 2018

		<p>leverage the genomic data growth by enabling data buyers to efficiently aggregate standardized data from many individual people and genomic databanks.³²⁷</p> <ul style="list-style-type: none"> • Founded by George Church, Dennis Grishin, and Kamal Obbad • In partnership with Veritas and Enigma
11) Portable Genomics ³²⁸	Janssen Labs Incubator 3210 Merryfield Row San Diego, CA, 92121 USA	<ul style="list-style-type: none"> • This is not DTC genetics, but it is a consumer focused service offering a platform for storing and controlling data • Genome by phone – smartphone application • <http://portablegenomics.com/platform/>
12) Progenika Inc ³²⁹	<p>Email: info@progenika.com Telephone: (+34) 94 406 45 25 Progenika Inc. 200 Rivers Edge Drive - 1st FL Medford, MA 02155 USA Tel: +1 617 500 5100 Fax: +1 781 391 0111</p>	<ul style="list-style-type: none"> • Really a research laboratory, not DTC. (7 February 2018) • Their blood group genotyping test is available through ARUP Laboratories. • They also offer Familial Hypercholesterolemia (FH) Test. • [only available through physicians]
13) Sophia Genetics ³³⁰	Swiss	This is actually a research Lab service and not DTC '106,000: number of patients tested to date' (taken from

³²⁷ Nebula Genomics, <<https://www.nebulagenomics.io>> accessed 14 February 2018.

³²⁸ Portable Genomics, <<http://www.portablegenomics.com/#!/home>> accessed 17 March 2015. Checked again 7 February 2018 and still operating.

³²⁹ Progenika Inc, <<http://www.progenika.com/us/index.php>> [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.

³³⁰ Sophia Genetics, <<http://www.sophiagenetics.com/home.html>> checked 10 August 2017. Checked again 7 February 2018 and still operating.

	Headquarters Lausanne, Switzerland Industry Biomedicine Status Private Years on the List <u>2017</u> Valuation N/A	MIT Tech Review 10 August 2017 https://www.technologyreview.com/lists/companies/2017/intro/#merck
14) Sorenson Genomics ³³¹	2511 South West Temple Salt Lake City, UT 84115 Phone: (801) 462- 1400 Fax: (801) 462-1404	<ul style="list-style-type: none">• Research Lab company (7 February 2018), but owns Identigene• They do paternity and relationship testing.• Also clinical diagnostics, but unclear how you order, apart from ordering Identigene

³³¹ Sorenson Genomics, <<http://www.sorensongenomics.com>> accessed 27 January 2014. [Checked again 29 January 2014 and still operating]. [Checked again 24 April 2014]. Checked again 7 February 2018 and still operating.