What's the Difference Between GEDMATCH.com and DNAgedcom.com?

And Other Confusing
Autosomal DNA Conundrums…

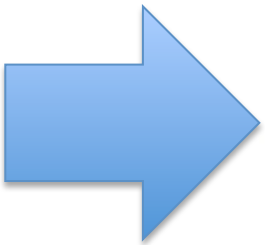
Autosomal Tests & Tools

- Testing Companies
  - AncestryDNA (1 million tests sold)
  - 23andMe (1 million tests sold)
  - Family Tree DNA (150 thousand tests sold)
- 3rd Party DNA Analysis Tools
  - Web Sites: www.GEDMATCH.com, www.DNAgedcom.com (including ADSA)
  - Applications: GenomeMate, DNAmatch4iPad, AncestryDNAHelper, etc.

Testing Companies Provide

- DNA lab test (optional for Family Tree DNA)
- Inclusion in a database of test results
- Web Tools for finding matches, trees and performing analysis within their database
- Ability to download raw lab test results
- Ability to download matches & segments (except for AncestryDNA)

From Saliva to Raw Data



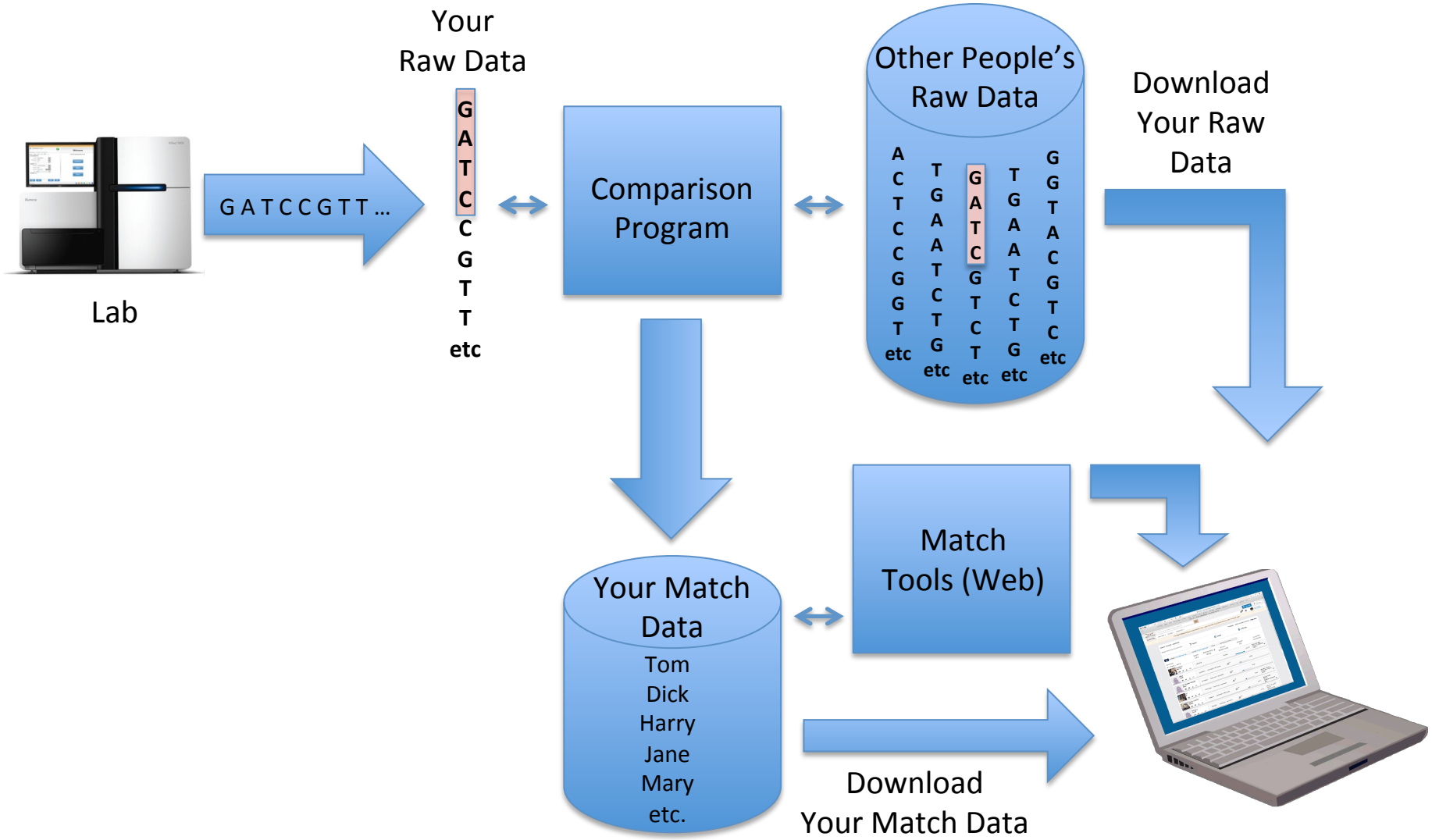
Sample Collection

DNA Sequencer in Lab

DNA Raw Data

AncestryDNA, 23andMe, or Family Tree DNA

(GEDmatch does this too)



Raw Data versus Match Data

Raw Data from Sequencer

rsid	chromosome	position	allele1	allele2
rs4477212	1	82154	T	T
rs3131972	1	752721	G	G
rs12562034	1	768448	0	0
rs11240777	1	798959	G	G
rs6681049	1	800007	C	C
rs4970383	1	838555	C	C
rs4475691	1	846808	C	C
rs7537756	1	854250	A	A
rs13302982	1	861808	G	G
rs1110052	1	873558	T	G
rs17160698	1	887162	T	T
rs3748597	1	888659	C	C
rs13303106	1	891945	G	G
rs28415373	1	893981	0	0
rs13303010	1	894573	A	A
rs6696281	1	903104	C	C
rs28391282	1	904165	G	G
rs2340592	1	910935	G	G
rs13303118	1	918384	T	T
rs2341354	1	918573	G	G
rs6665000	1	924898	A	A
rs2341362	1	927309	C	C
rs9777703	1	928836	T	T
rs1891910	1	932457	G	G
rs9697457	1	934345	G	G
rs35940137	1	940203	G	G
rs3128117	1	944564	T	T
rs2465126	1	947034	A	A
rs2341365	1	948692	A	A

Match Data

List of names of cousins with matching DNA

	Full Name	Match Date	Relationship	Suggested Re	Shared cM	Longest Bloc	Known Relat	E-mail
2	Paul Michael Young	4/21/14 0:00	5th Cousin -	-	24	9		paul.young@gs.com
3	Barb Pierce c/o Jane Gilbert	11/25/13 0:00	4th Cousin -	-	29	13		hokiejane@yahoo.com
4	Mrs. Valerie Wheeler	11/1/13 0:00	4th Cousin -	-	39	12		vwheeler1@verizon.net
5	John H. Frazier	2/18/14 0:00	4th Cousin -	-	36	12		jkfrazier@hughes.net
6	Mr. Thomas Emerson Neel	4/9/13 0:00	5th Cousin -	-	24	9		bgbrrto@aol.com
7	Mr. Thomas Charles Roger	11/1/13 0:00	5th Cousin -	-	24	9		Moragada@sbcglobal.net
8	Mr. Kevin Dewayne Newman	11/15/13 0:00	5th Cousin -	-	28	8		Kdn24@aol.com
9	Mr. James Mayall Easton	11/1/13 0:00	5th Cousin -	-	21	8		easton_j@telus.net
10	Mr. Walter J LaFleur	11/1/13 0:00	5th Cousin -	-	21	8		patton@pvtn.net
11	Dan W. Olds	7/6/12 0:00	5th Cousin -	-	34	9		oldsdw@charter.net
12	Mark Henry Allen Bolding	7/6/12 0:00	5th Cousin -	-	34	8		mbolding1@cox.net
13	Mr. Donald Glenn Cupit	7/6/12 0:00	4th Cousin -	-	32	13		donald.cupit@outlook.com
14	Mr. George W Boehlke	7/21/14 0:00	3rd Cousin -	4th Cousin	39	17		jdlongley@sbcglobal.net
15	Patricia Cottrell Williams							
16	Mr. John William Worden							
17	Harry William Morlan							
18	Robert Brian Hodes							
19	S S Mason							
20	Patrick Benham							
21	Mr. Jerrold Edward Carlson							
22	Stephen Davis Blades							
23	Jonathan Andrew Davidenas							

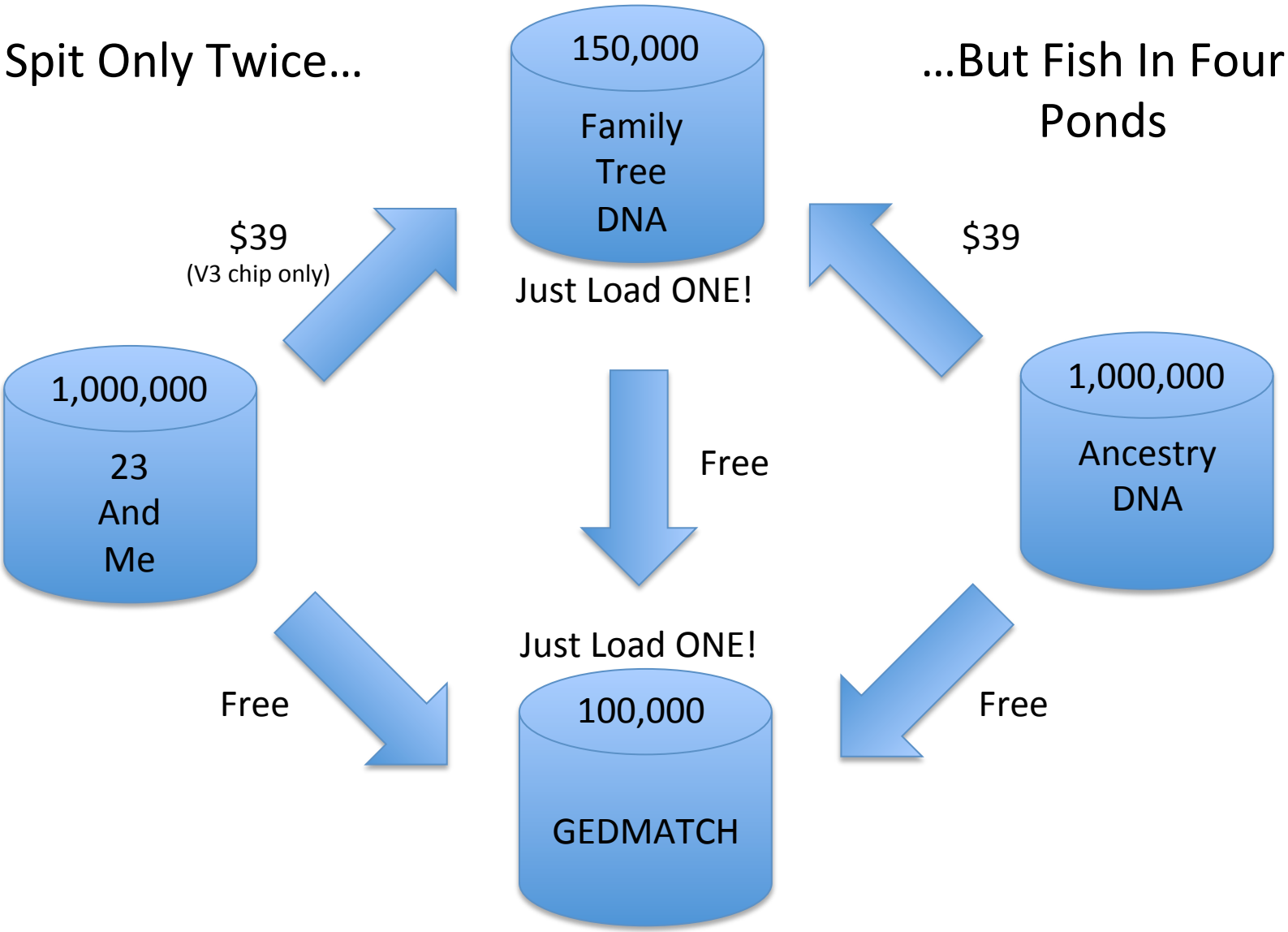
List of segments of DNA shared with those cousins

	A	B	C	D	E	F	G	H
	Paste the contents of the clipboard							
2	Don Dyson Worth		1	98738916	100776350	1.38	500	213533
3	Don Dyson Worth		10	19852591	21116106	1.94	500	213533
4	Don Dyson Worth		11	57048377	59330556	1.91	500	213533
5	Don Dyson Worth		11	62288127	64598591	1.36	600	213533
6	Don Dyson Worth		11	87620927	91252687	2.31	700	213533
7	Don Dyson Worth		15	38766943	43352855	3.68	900	213533
8	Don Dyson Worth		17	68361167	71109514	8.21	962	213533
9	Don Dyson Worth		2	27055361	29090423	1.53	500	213533
10	Don Dyson Worth		2	38858709	40749889	1.62	500	213533
11	Don Dyson Worth		5	98027758	102915694	2.32	800	213533
12	Don Dyson Worth		6	87595825	90188641	1.75	500	213533
13	Don Dyson Worth		8	87595825	90188641	1.75	500	213533
14	Don Dyson W	Adam Cary T	1	69857385	72366047	1.81	600	381694
15	Don Dyson W	Adam Cary T	11	64249338	66116597	2.23	600	381694
16	Don Dyson W	Adam Cary T	11	64249338	66116597	2.23	500	381694
17	Don Dyson W	Adam Cary T	18	72484246	74908769	11.16	973	381694
18	Don Dyson W	Adam Cary T	20	36207916	38229539	3.19	500	381694
19	Don Dyson W	Adam Cary T	5	137555847	140861658	2.86	600	381694
20	Don Dyson W	Adam Cary T	7	124600985	127558837	2.94	600	381694
21	Don Dyson W	Al Hagan	10	15392064	16949595	2.27	500	3071956
22	Don Dyson W	Al Hagan	11	85086480	86712858	1.36	500	3071956
23	Don Dyson W	Al Hagan	2	51367187	52976930	1.2	600	3071956
24	Don Dyson W	Al Hagan	6	103458895	105918001	3.06	500	3071956
25	Don Dyson W	Al Hagan	7	98754182	100483336	2.09	500	3071956
26	Don Dyson W	Al Hagan	8	41380701	50511655	2.27	696	3071956

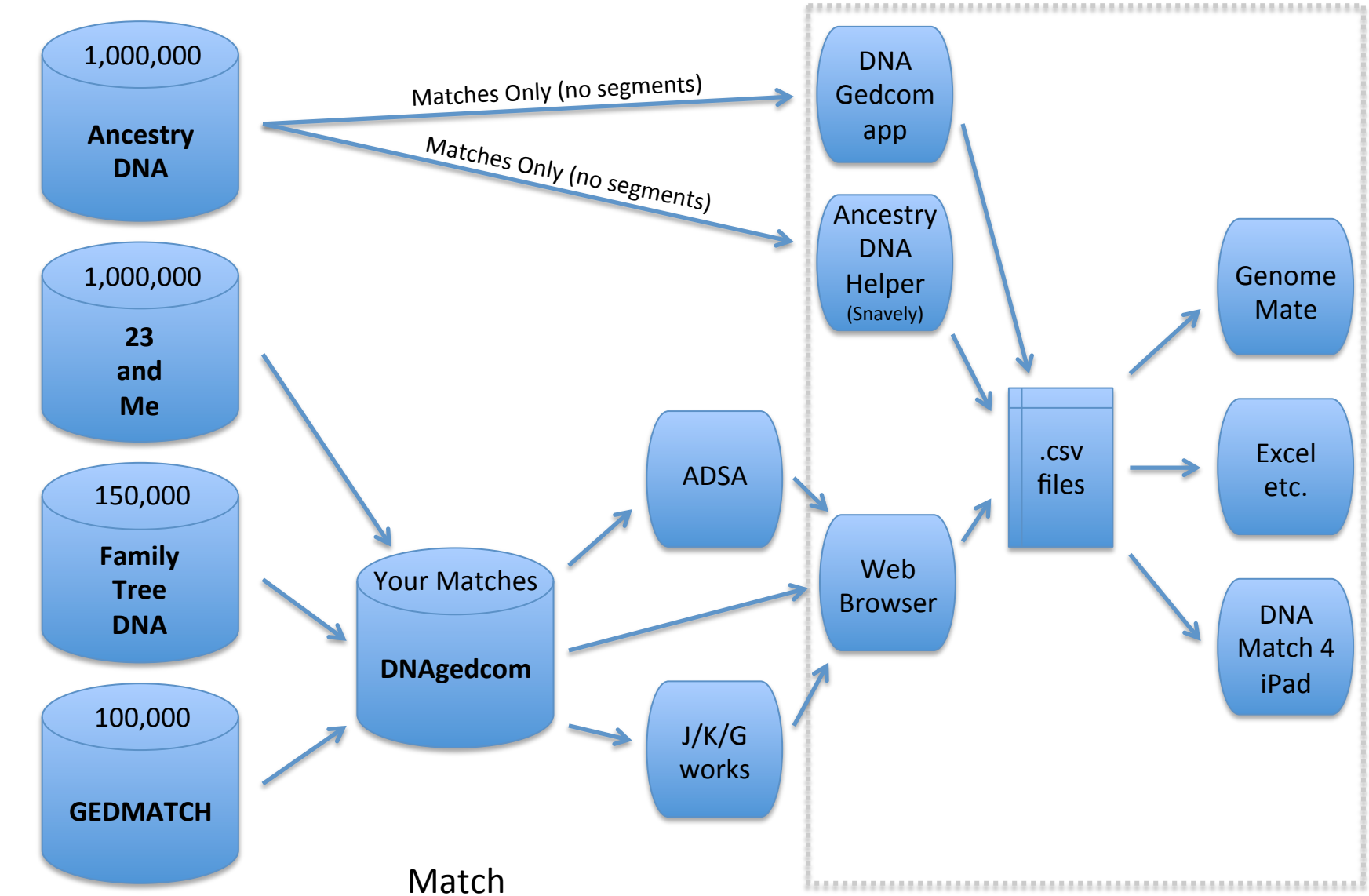
Never Changes
Same at Each Company

New Matches Added Over Time
Different at Each Company

DNA Raw Data Transfers (copies)



DNA Match Tools



To Do List

- Get tested
- Download your raw data to a file
- Transfer your raw data to:
  - Family Tree DNA (if you tested elsewhere first)
  - GEDMATCH
- Download your match data from each database you are in to DNAgedcom and as a file on your computer
- Redownload your match data periodically to pick up new matches