

CARDWELL DNA PROJECT  
by Rand Cardwell

		DYS#																																						
Code	Ancestor	Haplo	393	390	19	391	385 a	385 b	426	388	439	389 -1	392	389- 2	458	459 a	459 b	455	454	447	437	448	449	464 a	464 b	464 c	464 d	460	GAT AH4	YCA IIa	YCA IIb	456	607	576	570	CDY a	CDY b	442	438	
<b>Cardwell Line I</b>		R1b1	12	24	14	11	11	14	12	12	12	13	14	29	?	9	10	11	11	25	15	19	30	15	15	17	17	11	12	19	23	15	16	?	17	35	39	12	12	
C-23	Thomas of Henrico VA 1683 / John / Thomas L./ John of Webster MO	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29	16	9	10	11	11	25	15	19	30	15	15	17	17	11	12	19	23	15	16	18	17	35	39	12	12	
C-21	Thomas of Henrico VA 1683 / George / John / Francis / Thomas W. of Warren Co.TN & TX	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29	17	9	10	11	11	25	15	19	30	15	15	17	17	11	11	19	23	15	16	19	17	35	12	12	12	
C-25	Thomas of Henrico VA 1683 / George / John / Wm. of McNairy Co.TN	R1b1b2	12	24	14	11	11	14	12	12	13	13	14	29																										
C-26	Thomas of Henrico VA 1683/ George / John /Francis / Henry J of Warren Co.TN	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29																										
C-03	James L. Cardwell of Illinois. 1786VA	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29																										
C-30	Thomas of Henrico VA1683 / George /Rev. Perrin / John of Breathitt KY	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29																										
C-01	Thomas of Henrico VA 1683 / George / Rev. Perrin / Thomas George of Knox Co.,TN	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29	17	9	10	11	11	25	15	19	30	15	15	17	17	11	12	19	23	15	16	19	17	35	39	12	12	
C-17	Thomas of Henrico VA 1683 / George / John / Daniel J./ James Calvin of Union Co.TN	R1b1b2	12	24	14	11	11	14	12	12	12	13	14	29	17	9	10	11	11	25	15	19	30	15	15	17	17	11	12	19	23	15	16	19	17	35	39	12	12	
C-04	Thomas of Henrico VA 1683/ Richard/ Daniel/ Asa / Daniel Franklin/ John Henry b.1844 Wilkes Co.NC	R1b1b2	12	23	14	11	11	14	12	12	12	13	14	29																										
C-13	William Cardwell- VA 1773 - d. Brown Co.IN	R1b1b2h	12	23	14	11	11	14	12	12	12	13	14	29	18	9	10	11	11	25	15	19	30	15	15	16	17	11	12	19	23	15	15	19	17	35	39	12	12	
<b>Cardwell Line II</b>		R1b	13	23	14	11	11	14	12	12	12	13	13	29	17	9	10	11	11	24	15	19	29	15	16	17	19	11	11	19	23	15	15	17	17	37	40	13	12	
C-16	Robert Cardwell - Ireland to VA 1746/7 - James Dixon Cardwell line	R1b	13	23	14	11	11	14	12	12	12	13	13	29	17	9	10	11	11	24	15	19	29	15	16	17	18	11	11	19	23	15	15	17	17	37	40	13	12	
C-14	Robert Cardwell - Ireland to VA 1746/7 - William Amos Cardwell line	R1b	13	23	14	11	11	14	12	12	12	13	13	29	17	9	10	11	11	24	15	19	29	15	16	17	19	11	11	19	23	15	15	17	17	37	40	13	12	
C-27	Robert Cardwell - Ireland to VA 1746/7 - Anthony R. Cardwell line	R1b1c	13	23	14	11	11	14	12	12	12	13	13	29	16	9	10	11	11	24	15	19	29	15	16	17	19	11	11	19	23	15	15	17	17	37	40	13	12	
<b>Cardwell Line III</b>		R1b1c	13	23	14	12	11	14	12	12	11	13	13	29	18	9	9	11	11	25	15	19	29	15	15	17	18	11	11	19	22	15	12	16	17	38	40	12	12	
C-12	Thomas Cardwell - Dinwiddie Co.,VA d.1782	R1b1c	13	23	14	12	11	14	12	12	11	13	13	29	17	9	9	11	11	25	15	19	29	15	15	16	19	11	11	19	22	15	12	16	17	38	40	12	12	
C-06	Thomas Cardwell - b. 1831 - Manchester, England - Charles, b. 1864 Delaware	R1b1c	13	23	14	12	11	14	12	12	11	13	13	30	17	9	9	11	11	25	15	19	29	15	15	17	18			19	22	15						12	12	
C-22	Thomas Cardwell - of Granville Co.,NC - d. 1799 - William N. of Obion Co.TN	R1b1c	13	23	14	12	10	14	12	12	11	13	13	29	18	9	9	11	11	25	15	19	29	15	15	17	18	11	11	19	22	15	12	16	17	38	41	12	12	
C-24	Thomas Cardwell - of Granville Co., NC - Caleb of Montgomery Co. IL	R1b1c	13	23	14	12	11	14	12	12	11	13	13	29	18	9	9	11	11	25	15	19	29	15	15	17	18	11	11	19	22	15	12	16	17	38	40	12	12	
C-29	Thomas Cardwell - of Granville Co.,NC - Nelson of Simpson Co., KY	R1b1c	13	23	14	12	11	14	12	12	11	13	13	29	18	9	9	11	11	24	15	19	29	15	15	17	18	11	12	19	22	15	12	17	17	38	40	12	12	

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<b>Cardwell Line VI</b>			R1b1b2	13	24	14	10	11	14	12	12	11	13	15	29																									
C-02	William Cardwell - b. 1758 VA - d. 1838 Bullitt Co. KY	R1b1b2	13	24	14	10	11	14	12	12	11	13	15	29																										
<b>NPE Lines</b>																																								
C-20	Noah Cardwell - NC 1796 - NPE - Line IV	R1b1	13	25	14	11	11	13	12	12	12	13	14	29	17	9	10	11	11	25	15	19	31	15	16	17	17	11	11	19	23	15	16	18	17	38	39	12	12	
C-31	Gabriel Cardwell - NC 1803 - NPE - Line V	R1b1	13	24	14	10	11	14	12	12	12	12	14	28	17	9	10	11	11	25	15	19	30	15	15	17	18	11	11	19	23	16	15	15	17	38	38	12	12	
C-08	Richard Ivan Cardwell - Grainger Co. TN 1851 - NPE - Line VIII	R1b1	13	24	14	10	11	14	12	12	12	12	14	28	15	9	10	11	11	25	15	19	30	15	15	17	18	11	11	19	23	16	15	15	17	38	38	12	12	
C-05	William Henderson Cardwell - b. Grainger Co. TN 1856 - NPE - Line VII	R1b	13	24	14	10	11	15	12	12	12	14	13	30	18	9	10	11	11	25	15	20	29	15	15	17	17			19	23	18							17	12

**NOTE:** C-13, C-20, C-22, C-23, C-29 and C-31 were tested for 67 markers. Those results are not posted on this site for display purposes. Contact those individuals for details on their 38-67 marker results.

**Cardwell Line I**

The results from the various tests that have been grouped in Cardwell Line I have provided a solid genetic signature for the descendants of Thomas Cardwell and Martha Perrin. Thomas was born about 1683 in Henrico County, VA. C-23, C-21, C-26, C-25, C-30 and C-01 all have been researched through traditional methods to this couple. All of the stated results indicate a solid connection and provide a standard genetic signature for individuals that descend from this line. Additionally, C-17 has the same genetic signature, but traditional research has not yielded a connection to the established descendants of Thomas Cardwell/Martha Perrin. Also, C-13 is currently grouped in Line I. This is due to the fact that the results indicate a connection to this line that is closer than any of the other established Cardwell Lines. C-03 is now confirmed as Line I and is a perfect 12-marker match for this line.

**Cardwell Line II**

Testing results have now established a solid genetic signature for the line stemming from Robert Cardwell of Campbell County, VA. This line has had three distinct results from lines of three sons of Robert. Traditional research has validated the results as well. Other sons of Robert Cardwell have yet to be tested, but the three results should indicate a very common genetic signature.

**Cardwell Line III**

The results of C-12 stem from Thomas Cardwell/Obedience Thweatt line of Halifax County, VA. This line has received a ton of focus through the years from earlier researchers. As of October 2008, this is the only test result from this line of the family. The closest match for C-12 is the C-22, C-24, C-29 group. They share a common ancestor within the last 24 generations with a probability of 91%. C-22, C-24, and C-29 results stem from the line of Thomas Cardwell of Granville County, NC. C-05 is one of the results from Ancestry.com's DNA testing. With that, several of the markers we normally use are missing from the result, but enough are present to allow proper assignment into one of the established lines. C-05's oldest known ancestor, Thomas Cardwell 1831, was born in Manchester, England and immigrated to Delaware.

**Cardwell Line VI**

This line indicates a new line genetic signature in the Cardwell DNA Project. William Cardwell, this lines patriarch, was born in 1758 in Virginia. This is validated by William's Revolutionary War Pension Records. He settled in Bullitt County, Kentucky and raised several children. Hopefully, other Cardwell men will test and we'll find a match for this sole result. Granted, it was only a 12 marker test, but the nearest match within the Cardwell DNA Project is removed by 4 markers, which indicates a substantial difference from the other established Cardwell Lines.

**NPE Lines (Lines IV, V, VII and VIII)**

Line IV is of interest to several Cardwell researchers. Anne Cardwell, born 10 Dec 1773, appears to have had several children out-of-wedlock. One of them being Noah Cardwell, born ca 1796, who has proven to be the ancestor of C-20. DNA testing is pointing to a member of the Dalton family as being the father of Noah. This find is interesting since Anne Cardwell's mother, Rebecca, has been reported by some researchers as being a Dalton prior to her marriage to Richard Perrin Cardwell. More research is needed, but this is the most solid link for this line to date.

Line V was predicted through paper research to be a NPE. The test results confirm that assumption with no matches to the established Cardwell DNA lines thus identified. Gabreil Cardwell was the son of Susannah Cardwell of Rockingham County, NC. She was the daughter of Richard Perrin Cardwell and had several children out-of-wedlock. Gabriel's line is the only one tested as of April 2008. The results indicate a strong genetic association with the Sharp family. This is also vindicated with the results of C-08, which are from another NPE. Matilda Cardwell (1834-1904) is from a different branch of the family and can no way be linked to Gabreil's line, reverted back to her maiden name after the Civil War. Her children all carried the Cardwell surname, as do their descendants. Results from this project indicate that at least two of her sons had different fathers. Richard Ivan Cardwell (C-08) does not have a similar genetic signature as William Henderson Cardwell (C-05), both are sons of Caroline Matilda Cardwell. Richard Ivan Cardwell's line result indicate a strong genetic association with the Sharp family as well. It should be noted that two of Caroline Matilda Cardwell's sisters married Sharp brothers in Rockingham County, NC. Richard Ivan Cardwell's line is known as Line VIII. The close association between Line V and Line VIII indicate the strong genetic association with the Sharp family and does not relect an association between the two Cardwell lines.

Line VI was predicted through paper research to be a NPE. Test results confirm that assumption with no matches to any of the established Cardwell DNA lines thus identified. William Henderson Cardwell was the son of Caroline Matilda "Tilda" Cardwell of Grainger County, TN. She was the daughter of Richard M. Cardwell and Sarah Crowder and it appears that William, along with his siblings, took his mother's maiden name. Research is being conducted to confirm the assumption that William's father was Alfred Reddick, who Matilda was married to for a short time. The DNA testing was conducted through Ancestry.com, not FamilyTreeDNA, so several of the markers are missing from the results since the two companies do not test the exact same markers.