

**Scottish Ancestral DNA Pattern**

Scottish	385	458	449	557	534
	11-13	16	29	16	16

**Ancestors of Clan Family 110** Joseph d 1761 and Robert d 1775 and Thomas d 1788  
 Common Ancestor in 1400s, 3 mutations

	DYS458	DYS557	DYS534
Scottish	17	16	16
CF110	18	17	17

**Ancestors of CF 111** Alexander d pr to 1751 Augusta Co VA  
 Common Ancestor in early 1600s  
 2 mutations between 1600s and 1710

	DYS449	DYS557
Scottish	29	16
CF111	30	17

**Irish Mutation Families**  
 Common ancestor in early to mid 1600s, 1 mutation by early 1700s  
 CF 201 Island Magee  
 CF121 Bruslee, Ballillinney  
 CF117 Wm->Laurens Co SC 1773  
 CF 213 James b 1806 Carrickfergus  
 John 1752 and James b 1769 =>America abt 1774?, NJ 1781, NC abt 1785, TN 1794

	385
Scottish	11-13
various	11-14

**Scottish Families with 1-2 mutations**  
 CF 56: James md 1753 Glasgow  
 CF 22: Thomas md 1720 Dailly  
 CF 24: Thomas md 1781 Dumbartonshire  
 Cf 30: Thomas md 1796 St Quivox  
 ?CF 7: Thomas b 1760 Maybole

**Unmutated Irish Families**  
 Common Ancestor late 1600s  
 Ancestors of CF 112/108: Alexander d 1761 Hunterdon Co NJ  
 CF 202: William 1778-1855 Co Antrim/Carlow->Bowmanville Ontario 1821  
**Unmutated Scottish Families**  
 (incomplete results)  
 CF 37 Matthew md 1698 Kirkoswald Ayrshire  
 CF 39 James md Dailly 1768