

THE GENEALOGY
OF THE CCM1
COMMON
MUTATION & THE
BACA FAMILY IN
NEW MEXICO



ALLIANCE TO CURE

CAVERNOUS MALFORMATION



New Mexico Prevalence

In the US, 1 in 500 people have any kind of CCM, and 1 in 4000 have a CCM1 mutation.

Because of a founder mutation, in New Mexico, Hispanic residents have a higher incidence of CCM1 mutation than anywhere in the world, with concentrations along the path of the Camino Real.

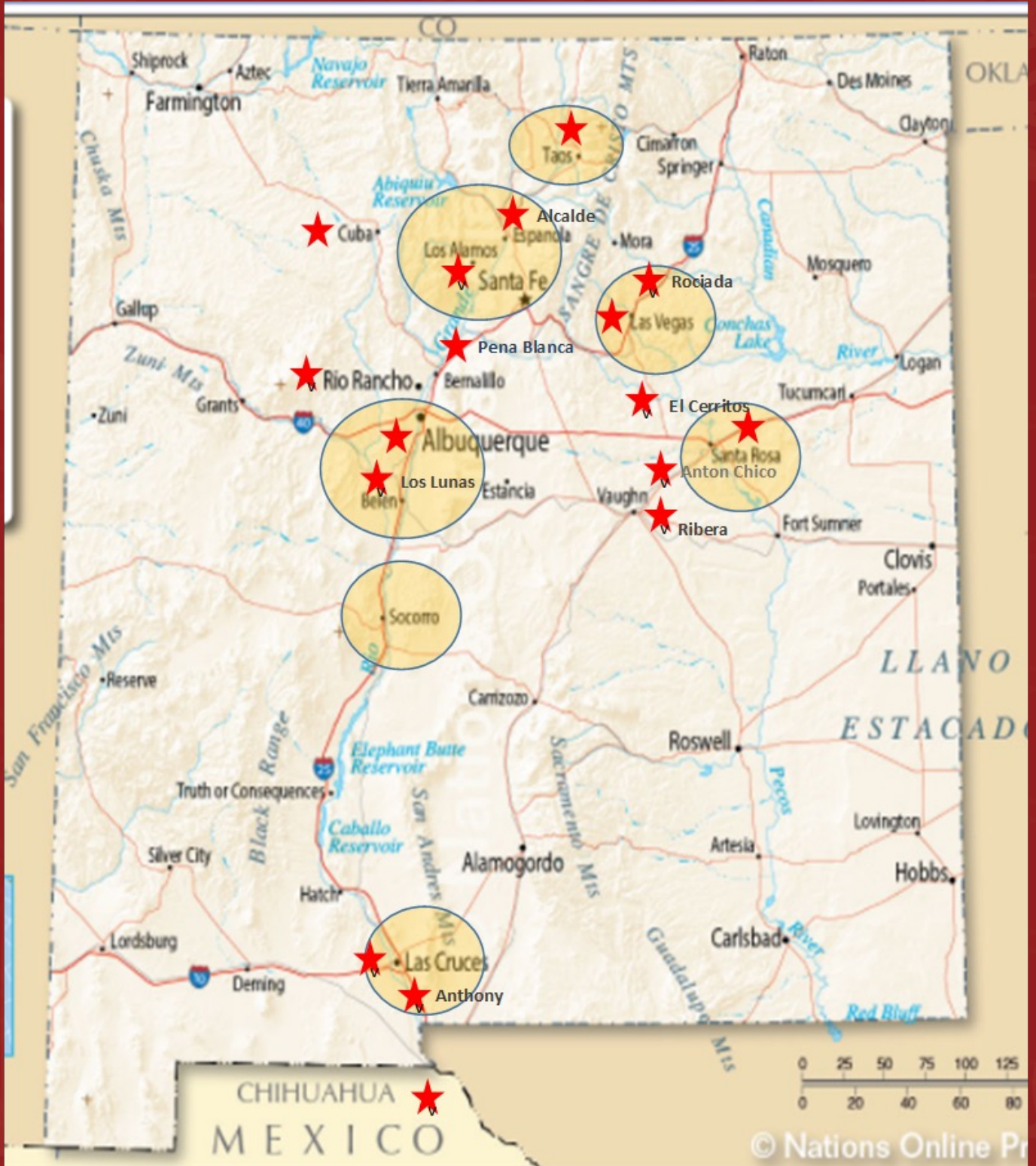
Most are not diagnosed. There are between 30,000-40,000 affected individuals in the state.

High-risk names include CdeBaca, Campos, and many more.

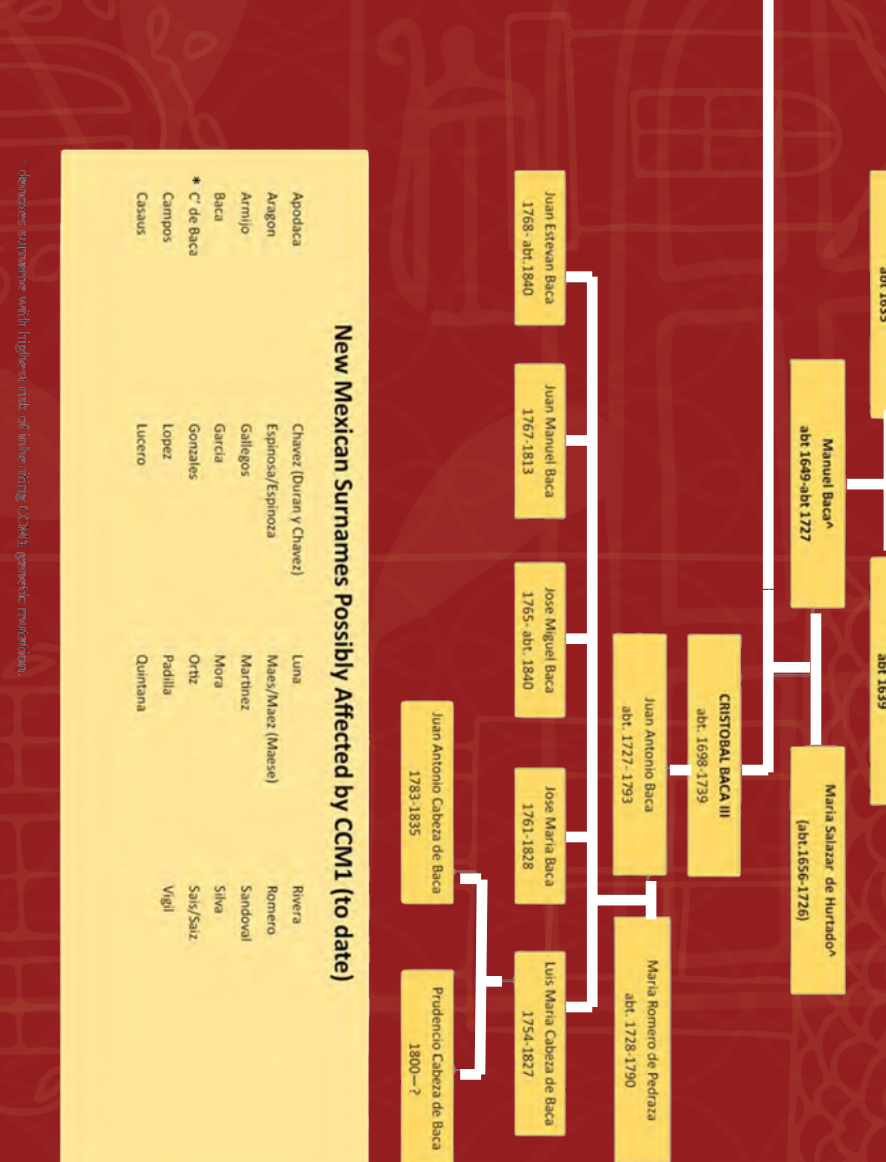
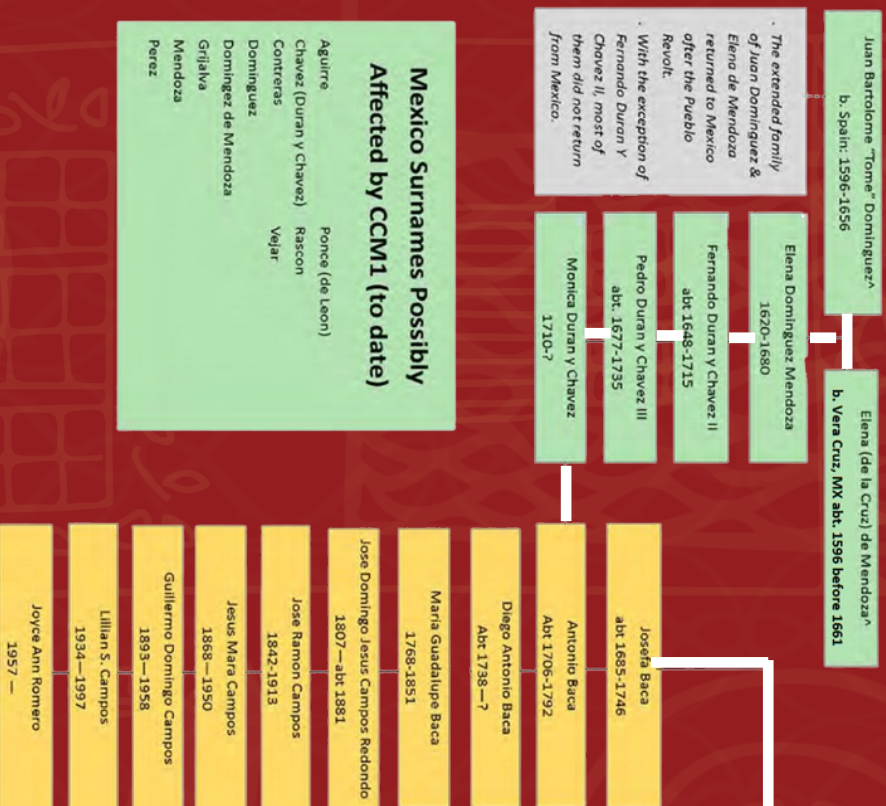
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New Mexico Prevalence Hotspots



New Mexico & Southwest Connection



Mexico Surnames Possibly Affected by CCM1 (to date)

Aguirre	Ponce (de Leon)
Chavez (Duran y Chavez)	Rascon
Contreras	Velaz
Dominguez	
Dominguez de Mendoza	
Grijalva	
Mendoza	
Perez	

New Mexican Surnames Possibly Affected by CCM1 (to date)

Apodaca	Chavez (Duran y Chavez)	Luna	Rivera
Aragon	Espinosa/Espinosa	Maes/Maese (Maese)	Romero
Arrijo	Gallegos	Martinez	Sandoval
Baca	Garcia	Mora	Silva
* C' de Baca	Gonzales	Ortiz	Sais/Saiz
Campos	Lopez	Padilla	Vigil
Casaus	Lucero	Quintana	

^a denotes surnames with highest risk of inheriting CCM1 genetic mutation.

THROUGH GENEALOGY, WE CONTINUE TO DISCOVER
MORE SURNAMES AND FAMILY LINES THAT MIGHT BE AT
HIGHER RISK FOR THE CCM1 COMMON MUTATION.

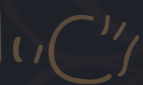
THE SURNAMES WE KNOW HAVE A HIGHER INCIDENCE OF
THE CCM1 COMMON MUTATION IN NEW MEXICO ARE:

APODACA	CHAVEZ (DYC)	MAES/MAIS	ROMERO
ARAGON	ESPINOSA/ZA	MARTINEZ	SANDOVAL
ARMIJO	GARCIA	MORA	SILVA
BACA	GONZALES	ORTIZ	SAIS/SAIZ
C' DE BACA	LOPEZ	PADILLA	VIGIL
CAMPOS	LUCERO	QUINTANA	
CASAUS	LUNA	RIVERA	



THROUGH GENEALOGY, WE CONTINUE TO DISCOVER MORE
SURNAMENES AND FAMILY LINES THAT MIGHT BE AT HIGHER
RISK FOR THE CCM1 COMMON MUTATION.

THE SURNAMES THAT WE KNOW HAVE A HIGHER INCIDENCE
OF THE CCM1 COMMON MUTATION IN MEXICO ARE:



AGUIRRE

CHAVEZ

CONTRERAS

DOMINGUEZ

DOMINGUEZ DE MENDOZA

CAMPOS

CONTRERAS

GRIJALVA

MENDOZA

PEREZ

PONCE (DE LEON)

RASCON

VIGIL

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