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



New Mexico Prevalence

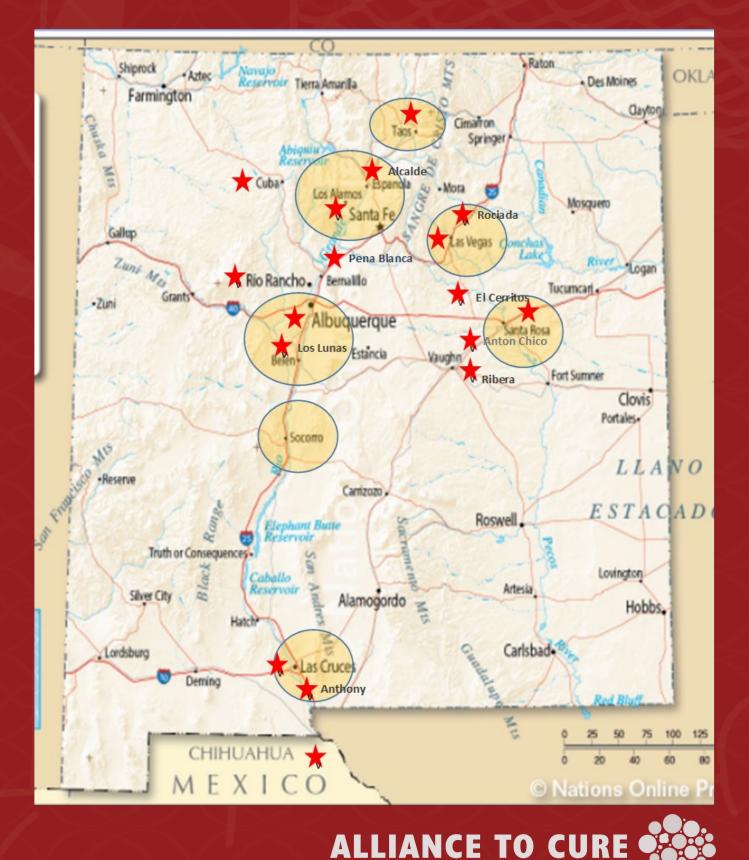
In the US, 1 in 500 people have any kind of CCM, and 1 in 4000 have a CCM1 mutation.

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.

New Mexico Prevalence Hotspots



CAVERNOUS MALFORMATION



| Lucero | Lopez | Gonzales | Garcia | Gallegos | Espinosa/Espinoza | Chavez (Duran y Chavez) |
|--------|---------|-----------|--------|----------|-------------------|-------------------------|
| | Padilla | | | | | havez) Luna |
| | Vigil | Sais/Saiz | Silva | Sandoval | Romero | Rivera |

Apodaca Aragon Armijo Baca * C' de Baca

Campos Casaus

New Mexican Surnames Possibly Affected by CCM1 (to date)



| | 20 | Mendoza Perez | Domingez de Mendoza Grijalva | Aguirre Chavez (Duran y Chavez) Contreras | Affected by | Mexico Surr | | them did not return from Mexico. | . With the exception of Fernando Duran Y | of Juan Dominguez & Elena de Mendoza returned to Mexico ofter the Pueblo Revolt | . The extended family |
|----------------------------|--------------------------------|---------------------------------------|---------------------------------|---|--|-----------------------------------|----------------------------------|-------------------------------------|---|---|--------------------------------------|
| | | | | Ponce (de Leon) Rascon Vejar | Affected by CCM1 (to date) | Mexico Surnames Possibly | | Monica Duran y Chavez 1710-7 | Pedro Duran y Chavez III abt. 1677-1735 | Fernando Duran y Chavez II abt 1648-1715 | Elena Dominguez Mendoza 1620-1680 |
| Joyce Ann Romero 1957 — | Lillian S. Campos 1934—1997 | Guillermo Domingo Campos 1893—1958 | Jesus Mara Campos 1868—1950 | Jose Ramon Campos 1842-1913 | Jose Domingo Jesus Campos Redondo 1807—abt 1881 | Maria Guadalupe Baca 1768-1851 | Diego Antonio Baca Abt 1738—? | Antonio Baca Abt 1706-1792 | Josefa Baca abt 1685-1746 | | |

New Mexico & Southwest Connection

Juan Bartolome "Tome" Dominguez^ b. Spain: 1596-1656

Elena (de la Cruz) de Mendoza^ b. Vera Cruz, MX abt. 1596 before 1661 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 <u>NEW MEXICO</u> 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

SURNAMES 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 <u>MEXICO</u> ARE:

AGUIRRE

CHAVEZ

CONTRERAS

DOMINGUEZ

DOMINGUEZ DE MENDOZA

CAMPOS

ALLIANCE TO CURE

CONTRERAS

GRIJALVA

MENDOZA

PEREZ

PONCE (DE LEON)

RASCON

VIGIL