Rob (extra-big muscles)
Family 1: Bruno and Yukia's offspring

Bruno (extra-big muscles)
Family 1: Rob's parent

Chromosomes
Myostatin Proteins

Chromosomes
Myostatin Proteins
○ Yukia (medium muscles)
Family 1: Rob’s parent

□ Roe (extra-big muscles)
Family 1: Bruno’s parent

Chromosomes
Myostatin Proteins
**Clancy (extra-big muscles)**
Family 1: Bruno's parent

**Orpheus (extra-big muscles)**
Family 1: Yukia's parent

Chromosomes
Myostatin Proteins

Kyle Kehrli & Wilbur Kehrli, American Blue Cattle Breeders. Rights reserved.
**Nidal (typical muscles)**  
Family 1: Yukia's parent

**Sasson (extra-big muscles)**  
Family 2: Hoss and Mama's offspring

Chromosomes

Myostatin Proteins

Chromosomes

Myostatin Proteins
☐ **Hoss** (medium muscles)
Family 2: Sasson's parent

☐ **Mama** (extra-big muscles)
Family 2: Sasson's parent

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**Chromosomes**

**Myostatin Proteins**

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Connie Brooks. Rights reserved.
Clayberg (extra-big muscles)
Family 2: Hoss’ parent

Chrissy (typical muscles)
Family 2: Hoss’ parent

Chromosomes
Myostatin Proteins

Chromosomes
Myostatin Proteins
**Palmers** (extra-big muscles)

Family 2: Mama's parent

![Image of Palmers cow]

**Wink** (medium muscles)

Family 2: Mama's parent

![Image of Wink cow]
**Conrad (extra-big muscles)**

Family 3: Mudhorn and Connie's offspring

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**Mudhorn (extra-big muscles)**

Family 3: Conrad's parent

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Chromosomes

Myostatin Proteins

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Chromosomes

Myostatin Proteins
**Connie (extra-big muscles)**

Family 3: Conrad’s parent

Connie Brooks. Rights reserved.

**Swagger (extra-big muscles)**

Family 3: Mudhorn’s parent


![Chromosomes](image1)

![Myostatin Proteins](image2)

![Chromosomes](image3)

![Myostatin Proteins](image4)
Princess (extra-big muscles)
Family 3: Mudhorn's parent

Spot (extra-big muscles)
Family 3: Connie's parent

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Connie Brooks. Rights reserved.
**Lady** (medium muscles)  
Family 3: Connie's parent

**Dressy** (typical muscles)  
Family 4: Dragon and Shalev's offspring
**Dragon** (typical muscles)
Family 4: Dressy’s parent

**Shalev** (typical muscles)
Family 4: Dressy’s parent

Chromosomes

Myostatin Proteins

Chromosomes

Myostatin Proteins
**Pasteur** (typical muscles)
Family 4: Dragon's parent

**Brownie** (typical muscles)
Family 4: Dragon's parent

Chromosomes

Myostatin Proteins

Chromosomes

Myostatin Proteins
**Tuffy** (typical muscles)
Family 4: Shalev's parent

**Marsy** (typical muscles)
Family 4: Shalev's parent

Niels and Marco
**Uncanny** (extra-big muscles)
Family 5: Jud and Wilkie's offspring

**Jud** (medium muscles)
Family 5: Uncanny's parent
Wilkie (medium muscles)
Family 5: Uncanny's parent

Boss (extra-big muscles)
Family 5: Jud's parent
**Natale** (typical muscles)

Family 5: Jud's parent

**Eos** (extra-big muscles)

Family 5: Wilkie's parent
Wilma (medium muscles)

Family 5: Wilkie's parent

Chromosomes

Myostatin Proteins

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