

Group A

| Year | Sero +, GnRh vacs | Sero -, Non-vacs | Bulls |
|--------|-------------------------|--|------------------------|
| | | 10 cows | |
| Jun-10 | 10 cows | | 2 |
| | | 10 cows, 7 calves | |
| Jun-11 | 10 cows | | 2 |
| | | 10 cows, 7 yearlings, 10 calves | |
| Jun-12 | 10 cows | | 2 |
| | | 10 cows, 7 two yr olds, 10 yearlings, 10 calves | |
| Jun-13 | 10 cows | | 2 |
| | | 17 cows, 10 two yr olds, 10 yearlings, 15 calves | |
| Jun-14 | 10 cows | | 2 |
| | 10 animals total | 52 animals total | 2 animals total |

Group B

| Year | Sero +, non-vacs | Sero -, Non-vacs | Bulls |
|--------|--------------------------------|--------------------------------|-------|
| Jun-10 | 10 cows | 10 cows | 2 |
| Jun-11 | 10 cows, 5 calves | 10 cows, 7 calves | 2 |
| Jun-12 | 10 cows, 5 yearlings, 8 calves | 10 cows, 7 yearlings, 9 calves | 2 |

| | | | | |
|--------|--|---|---|------------------------|
| Jun-13 | 10 cows, 4 two yr olds, 8 yearlings, 9 calves | | 10 cows, 7 two yr olds, 9 yearlings, 9 calves | 2 |
| Jun-14 | 14 cows, 6 two yr olds, yearlings, 11 calves | 9 | 17 cows, 10 two yr olds, 10 yearlings, 13 calves | 2 |
| | 40 animals total | | 50 animals total | 2 animals total |

Group A

| Year | Sero +, GnRh vacs | Sero -, Non-vacs | Bulls |
|--------|-------------------------|---|--|
| Jun-10 | 10 cows | 10 cows | 2 |
| Jun-11 | 10 cows | 10 cows, 4 Fe calves | 2 adults, 3 calves |
| Jun-12 | 10 cows | 10 cows, 4 yearlings, 5 calves | 2 adults, 3 yearlings, 5 calves |
| Jun-13 | 10 cows | 10 cows, 4 two yr olds, 5 yearlings, 5 calves | 2 adults, 3 two-yr olds, 5 yearlings, 5 calves |
| Jun-14 | 10 cows | 14 cows, 4 two yr olds, 5 yearlings, 7 calves | 5 adults, 5 two yr olds, 5 yearlings, 6 calves |
| | 10 animals total | 30 animals total | 21 animals total |

Group B

| Year | Sero +, non-vacs | Sero -, Non-vacs | Bulls |
|--------|---|---|--|
| Jun-10 | 10 cows | 10 cows | 2 |
| Jun-11 | 10 cows, 2 calves | 10 cows, 4 calves | 2 adults, 5 calves |
| Jun-12 | 10 cows, 2 yearlings, 4 calves | 10 cows, 4 yearlings, 5 calves | 2 adults, 3 yearlings, 8 calves |
| Jun-13 | 10 cows, 2 two yr olds, 4 yearlings, 5 calves | 10 cows, 4 two yr olds, 5 yearlings, 5 calves | 2 adults, 3 two-yr olds, 8 yearlings, 8 calves |

Jun-14

12 cows, 4 two yr olds,
yearlings, 5 calves

5

14 cows, 5 two yr olds,
5 yearlings, 5 calves

5 adults, 8 two yr olds,
8 yearlings, 10 calves

26 animals total

29 animals total

31 animals total

| Bangle Tag | GonaCon | Pregnant 2013 | Birth | Serology | Culture | Pregnant 2014 | Birth | Serology | Culture | Pregnant 2015 | Birth | Serology | Culture |
|---------------|---------|---------------|---------------------|----------|-------------|---------------|----------------|----------|-------------|---|------------------------|----------|-------------|
| Green 08 | No | Yes | Calf | Neg | (b) (3) (A) | Yes | Calf | Neg | (b) (3) (A) | Yes | Calf | Neg | |
| Green 09 | No | Yes | Weak Calf | Pos | | No | n/a | Pos | | Yes | Calf | Pos | |
| Green 10 | No | Yes | Weak Calf/Abortion | Pos | | Yes | Abortion | Pos | | rep. Yes | Mummy/Cow died 5/18/15 | | |
| Green 14 | No | Yes | Calf | Neg | | Yes | Abortion | Pos | | Yes | Abortion | Pos | |
| Green 15 | No | Yes | Abortion (mummy) | Pos | | Yes | Abortion | Pos | | Yes | Calf | Pos | |
| Red 03 | No | Yes | Abortion | Pos | | Yes | Calf | Pos | | Yes | Calf | | |
| Red 06 | No | Yes | None, removed radio | Pos | | Yes | Calf | Pos | | Yes | Abortion | Pos | (b) (3) (A) |
| Red 07 | No | Yes | Calf | Pos | | Yes | Calf | Sus | | Yes | Calf | Neg | |
| Red 08 | No | Yes | Calf | Pos | | Yes | Abortion | Pos | | Yes | Abortion | Pos | |
| Red 09 | No | No | n/a | Pos | | No | n/a | Pos | | Yes | Stillbirth | Pos | |
| Red 13 | No | Yes | Calf | Pos | | Yes | Calf | Pos | | Yes | Calf | Pos | |
| Red 15 | No | No | n/a | Pos | | Yes/Dead | DEAD | | | No samples | | | |
| Red 16 | No | Yes | Abortion | Pos | | Yes | Calf | Pos | | Yes | Calf | Pos | |
| Red 17 | No | No | n/a | Pos | | No | n/a | Pos | | No | n/a | | |
| Red 18 | No | Yes | Calf | Pos | | No | n/a | Pos | | Yes | Calf | Pos | |
| Red 20 | Yes | Yes | Calf | Pos | | No | n/a | Pos | | Yes | Abortion | Pos | |
| Red 21 | No | Yes | Calf | Pos | | Yes | Calf | Pos | | Yes | Abortion | Pos | |
| Red 22 | No | Yes | Calf | Pos | | Yes | Calf | Pos | | Yes | Calf | | |
| Red 25 | No | Yes | Calf | Pos | | Yes | abortion.mummy | Pos | | No | n/a | | |
| Red 24 | Yes | Yes | Calf | Pos | | Yes | Calf | Pos | | Yes | Calf | Pos | |
| Red 26 | Yes | Yes | Calf | Pos | | No | | Pos | | Yes | Calf | Pos | |
| Red 30 | No | Yes | Calf | Pos | | DEAD | DEAD | | | No isolation on Retro or Mammary gland at death | | | |
| GONACON PEN 1 | | | | | | | | | | | | | |
| Green 02 | No | Yes | Calf | Neg | | Yes | Calf | Neg | | Yes | Abortion | | |
| Green 03 | No | Yes | Calf | Neg | | No | n/a | Neg | | Yes | Calf | Neg | |
| Green 04 | No | No | n/a | Neg | | Yes | Calf/Dead | Neg | | Yes | Calf | Neg | |
| Green 06 | No | No | n/a | Sus | | Yes | Calf | Neg | | Yes | Calf | Neg | |
| Green 17 | No | Yes | Calf | Neg | | Yes | Calf | Neg | | Yes | Calf | Neg | |
| Red 01 | Yes | No | n/a | Neg | | No | n/a | Pos | | | | | |
| Red 02 | Yes | No | n/a | Pos | | Yes | Calf | Neg | | Yes | Calf | Neg | |
| Red 04 | Yes | No | n/a | Neg | | No | n/a | Pos | | | | | |
| Red 05 | Yes | No | n/a | Pos | | No | n/a | Neg | | | | | |
| Red 11 | Yes | No | n/a | Neg | | No | n/a | Neg | | | | | |
| Red 14 | Yes | No | n/a | Pos | | No | n/a | Pos | | Yes | Calf | Pos | |
| Red 19 | Yes | No | n/a | Pos | | No | n/a | Pos | | | | | |
| Red 23 | Yes | No | n/a | Pos | | No/Dead | DEAD | | | (b) (3) (A) | ; retro LN at death | | |
| Red 27 | Yes | No | n/a | Neg | | No | n/a | Pos | | | | | |
| Red 28 | Yes | No | n/a | Pos | | No | n/a | Pos | | | | | |
| Red 29 | Yes | No | n/a | Pos | | No | n/a | Pos | | | | | |
| Red 31 | Yes | No | n/a | Neg | | No | n/a | Neg | | | | | |
| GONACON PEN 2 | | | | | | | | | | | | | |
| Green 01 | No | | | | | | | | | Yes | Calf | Neg | |
| Green 07 | No | | | | | | | | | Yes | Stillbirth/Hu | Neg | |
| Green 13 | No | | | | | | | | | Yes | Calf | Neg | |
| Green 21 | No | | | | | | | | | No | | | |
| Green 24 | No | | | | | | | | | No | | | |
| Green 25 | No | | | | | | | | | Yes | Calf | | |
| Red 32 | Yes | | | | | | | | | No | | | |
| Red 34 | Yes | | | | | | | | | No | | | |
| Red 36 | Yes | | | | | | | | | No | | | |
| Red 38 | Yes | | | | | | | | | No | | | |
| Red 39 | Yes | | | | | | | | | No | | | |
| Red 41 | Yes | | | | | | | | | No | | | |
| Red 42 | Yes | | | | | | | | | No | | | |
| Red 43 | Yes | | | | | | | | | No | | | |
| Red 44 | Yes | | | | | | | | | No | | | |
| Red 45 | Yes | | | | | | | | | No | | | |
| Red 46 | Yes | | | | | | | | | No | | | |
| Red 47 | Yes | | | | | | | | | No | | | |
| Red 48 | Yes | | | | | | | | | No | | | |
| Red 49 | Yes | | | | | | | | | No | | | |
| Red 51 | Yes | | | | | | | | | No | | | |
| Red 52 | Yes | | | | | | | | | No | | | |
| Red 53 | Yes | | | | | | | | | No | | | |
| Red 54 | Yes | | | | | | | | | No | | | |
| Red 55 | Yes | | | | | | | | | No | | | |
| Red 56 | Yes | | | | | | | | | No | | | |

| Animal ID | Bleed Date | | | |
|-----------|------------|----------|-----------|----------|
| | 5/1/2012 | 1/9/2013 | 7/11/2013 | 1/7/2014 |
| R1 | Pre | 128 | 32 | 16 |
| R2 | Pre | 4 | 0 | 0 |
| R3 | Pre | 0 | n/a | 0 |
| R4 | Pre | 128 | 32 | 16 |
| R5 | Pre | 128 | 64 | 16 |
| R6 | Pre | 0 | n/a | 0 |
| R7 | Pre | 0 | n/a | 0 |
| R8 | Pre | 0 | n/a | 0 |
| R9 | Pre | 0 | n/a | 0 |
| R10 | Pre | n/a | n/a | 0 |
| R11 | Pre | 64 | 16 | 16 |
| R12 | Pre | n/a | n/a | 0 |
| R13 | Pre | 0 | n/a | 0 |
| R14 | Pre | 32 | 32 | 8 |
| R15 | Pre | 0 | n/a | 0 |
| R16 | Pre | 0 | n/a | 0 |
| R17 | Pre | 0 | n/a | 0 |
| R18 | Pre | 0 | n/a | 0 |
| R19 | Pre | 128 | 16 | 4 |
| R20 | Pre | 32 | 8 | 8 |
| R21 | Pre | 0 | n/a | 0 |
| R22 | Pre | 0 | n/a | 0 |
| R23 | Pre | 64 | 64 | 32 |
| R24 | Pre | 0 | 0 | 0 |
| R25 | Pre | 0 | n/a | 0 |
| R26 | Pre | 8 | 2 | 0 |
| R27 | Pre | 64 | 16 | 16 |
| R28 | Pre | 32 | n/a | 16 |
| R29 | Pre | 128 | 128 | 128 |
| R30 | Pre | n/a | n/a | 0 |
| R31 | Pre | 64 | 64 | 64 |
| G1 | Pre | n/a | n/a | 32 |
| G2 | Pre | 0 | n/a | 16 |
| G3 | Pre | 0 | n/a | 64 |
| G4 | Pre | 0 | n/a | 32 |
| G6 | Pre | 0 | n/a | 16 |
| G7 | Pre | n/a | n/a | 16 |
| G8 | Pre | 0 | n/a | 16 |
| G9 | Pre | 0 | n/a | 16 |
| G10 | Pre | 0 | n/a | 16 |
| G14 | Pre | 0 | n/a | 16 |
| G15 | Pre | 0 | n/a | 16 |
| G17 | Pre | 0 | n/a | 16 |
| G18 | Pre | n/a | n/a | 16 |

| Activity | Agreement # | Coop | State | End Date | Days Remain | Expended | Allocated | Balance |
|--|-------------|----------------------------------|-------|-----------|-------------|----------|-----------|----------|
| Detection of TB, Bruc, etc in Swine | 1694080367 | Fundacio URV in Tarragona, Spain | SPAIN | 14-Aug-17 | 70 | 27995 | 27995 | 0 |
| Inactivated Brucella abortus vaccine in mice | 1694080403 | Colorado State University | CO | 30-Jun-17 | 25 | 19298.29 | 19776.9 | 478.61 |
| Molecular Detection of Mycobacterium bovis | 1694080404 | Colorado State University | CO | 14-Aug-17 | 70 | 7846.68 | 13063.03 | 5216.35 |
| TB bovis vaccine in feral swine | 1694080344 | Colorado State University | CO | 31-Jul-17 | 56 | 48128.82 | 82877.5 | 34748.68 |
| | | | | | | | | |