



**UNIVERSITY OF KENTUCKY
ANIMAL GENETIC TESTING AND RESEARCH LABORATORY**

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Member Laboratory of the International Society for Animal Genetics: Lab code 84415

COLOR TEST REPORT

NAME: Sparky

FARM: JONATHAN HEIREMAN

ACCESSION NUMBER: H14-02611

REG. NUMBER:

COLOR:

DAM:

BREED:

DAM REG. NO:

SEX:

SIRE: B.Uk Okions Call Me Apache

DOB:

SIRE REG. NO:

TEST DATE:

DATE COMPLETE: 6/16/2014

COAT COLOR & GENETIC MUTATION TEST RESULT

Overall ACAN Dwarfism Results: N/N

This horse does not possess any of the recognized ACAN mutations. This horse exhibits the normal phenotype. It may be bred to carriers of any of the ACAN mutations and will not produce the dwarf phenotype due to an ACAN mutation. It is possible that there are other mutations that cause dwarfism that have not been identified.

Marker ACAN D1 N/N

ACAN D1 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D1
This horse does not possess the D1 mutation in the ACAN gene.

Marker ACAN D2 N/N

ACAN D2 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D2
This horse does not possess the D2 mutation in the ACAN gene.

Marker ACAN D3 N/N

ACAN D3 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D3
This horse does not possess the D3 mutation in the ACAN gene.

Marker ACAN D4 N/N

ACAN D4 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D4
This horse does not possess the D4 mutation in the ACAN gene.