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## HYPP REPORT

MARTY FOX 2323 NW ICE AVE TERREBONNE, OR 97760	<b>Case:</b> <b>HYP97807</b> <b>Date Received:</b> 01-Dec-2008 <b>Report Date:</b> 02-Dec-2008 <b>Report ID:</b> 6037-1772-3370-4044
<i>Horse:</i> <b>FX TYED UP IN FAME</b> <i>YOB:</i> <b>08</b> <i>Breed:</i> <b>PT</b> <i>Sex:</i> <b>M</b>	<i>Reg:</i> <b>934,885</b> <i>Alt. ID:</i>
<i>Sire:</i> TOBEHO DUECES WILD <i>Dam:</i> LITTLE TY FAME	<i>Reg:</i> 267,741 <i>Reg:</i> 4114708

## HYPP Test Result

N/N

### Result Codes:

- H/H    Hyperkalemic - Homozygous for HYPP (two copies of the HYPP gene).  
N/H    Hyperkalemic - Heterozygous (one normal and one HYPP gene).  
N/N    Normal - Does not possess the disease-causing HYPP gene.

The disease is inherited as an autosomal dominant trait, which means that a heterozygote (N/H) bred to a normal (N/N) will result in approximately half of the offspring being affected and half being normal. The homozygote (H/H) is usually severely affected with the disease.

The test indicates the presence or absence of a base pair substitution in the skeletal muscle sodium channel gene. The abnormal gene codes for a defective sodium channel protein that causes the disease Hyperkalemic Periodic Paralysis (HYPP).