



A+++ Triple Plus

MMLJAN19

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FASTNET ROCK/FUSAICHI PEGASUS

1 **NORTHERN DANCER (B/C)**

NEARCTIC
NATALMA

DANZIG (I/C)

ADMIRAL'S VOYAGE
PETITIONER

PAS DE NOM

DANEHILL (Q)

HIS MAJESTY (C)

RIBOT
FLOWER BOWL

RAZYANA

1 **SPRING ADIEU**

BUCKPASSER
NATALMA

FASTNET ROCK
(2001)

NIJINSKY II (C/S)

1 **NORTHERN DANCER**
FLAMING PAGE

ROYAL ACADEMY (B/I)
CRIMSON SAINT

CRIMSON SATAN
BOLERO ROSE

PICCADILLY CIRCUS

MARAUDING

SIR TRISTRAM
BISCALOWE

GATANA

TWIGALAE

TWIG MOSS
HONDALAE

Hip 598
Colt

MR. PROSPECTOR (B/C)

RAISE A NATIVE
GOLD DIGGER

FUSAICHI PEGASUS

ANGEL FEVER

DANZIG
ROWDY ANGEL

HARADASUN

MARSCAY (Q)

BISCAY
HEART OF MARKET

CIRCLES OF GOLD
OLYMPIC AIM

ZAMAZAAN
GOLD VINK

FRECKLE FACE
(2009)

DANZIG (I/C)

1 **NORTHERN DANCER**
PAS DE NOM

POLISH PATRIOT
MARIA WALESKA

FILIBERTO
MISS PROTEGE

FRECKLED FACE

SIR IVOR (I/C)

SIR GAYLORD
ATTICA

IVORY MAID

MY FAIR MAID

CRIMSON SATAN
FAIR YE WELL

Sibling Identifier: odd numbers = same dam only; even numbers = same sire and dam

Roman Dosage Profile: (4-6-9-1-0)

D.I.: 2.64 C.D.: 0.65

Werk Quality Rating: Q 7

Dosage Points: 20 + Quality Points: 10 = Total Points: 30

5-Generation Inbreeding:

DANZIG - 3m x 4m, 5f
NORTHERN DANCER - 4m, 5m x 5m
NATALMA - 5m, 5f x
CRIMSON SATAN - 5f x 5f



HYPOTHETICAL: =Fastnet Rock (AUS) -- =Freckle Face (AUS)

Based on the cross of Fastnet Rock (AUS)/Fusaichi Pegasus and his sons and grandsons

A

Variant = 2.58

Hypothetical Foal	=Fastnet Rock (AUS), 01 b	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br
				Pas de Nom, 68 dk b/	Natalma, 57 b
			Razyana, 81 b	His Majesty, 68 b	Admiral's Voyage, 59 dk b/
				Spring Adieu, 74 b	*Petitioner, 52 b
					*Ribot, 52 b
		Piccadilly Circus (AUS), 95 b	Royal Academy, 87 b	Northern Dancer, 61 b	
				Flaming Page, 59 b	
			Crimson Saint, 69 ch	Crimson Satan, 59 ch	
			=Gatana (AUS), 89 b	=Marauding (NZ), 84 b	*Sir Tristram, 71 b
				=Twigalae (AUS), 79 b	=Biscalowe (AUS), 79 ch
	=Twiggalae (AUS), 79 b	=Twig Moss (FR), 73 b			
	=Freckle Face (AUS), 09 ch	=Haradasun (AUS), 03 b	Fusaichi Pegasus, 97 b	Mr. Prospector, 70 b	Raise a Native, 61 ch
				Angel Fever, 90 b	Gold Digger, 62 b
			=Circles Of Gold (AUS), 91 ch	=Marscay (AUS), 79 ch	Danzig, 77 b
				=Olympic Aim, 83 ch	Rowdy Angel, 79 b
					=Biscay (AUS), 65 ch
		=Freckled Face, 93 ch	Polish Patriot, 88 b	Danzig, 77 b	Heart of Market, 67 b
				Maria Waleska (IRE), 76 ch	=Zamazaan (FR), 65 ch
			Ivory Maid, 79 ch	Sir Ivor, 65 b	=Gold Vink, 66 ch
				My Fair Maid, 73 ch	Northern Dancer, 61 b
Pas de Nom, 68 dk b/					Fair Ye Well, 68 b

Pedigree Statistics

Coefficient of Relatedness: 6.84%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 4.18%	Unique Ancestors: 347/510

Dosage Information

Dosage Profile: 4 6 9 1 0	
Dosage Index: 2.64	Center of Distribution: +0.65

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to six generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to eight generations; **Pedigree Completeness** is the portion of the pedigree that is on file to eight generations; **Unique Ancestors** is the number of unique names found to eight generations; **Dosage Information**: visit www.chef-de-race.com/dosage.htm **Direct Cross** refers to the exact sire over exact broodmare sire; **Rated Cross** is the cross used to base the TrueNicks rating and may differ from the direct cross to maintain statistical significance; **AEI**: Average Earnings Index; **AWD**: Average Winning Distance (in furlongs). All currency figures are converted to U.S. dollars at the time of race or sale.

Pedigree and racing information provided by:



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Based on the cross of Fastnet Rock (AUS)/Fusaichi Pegasus and his sons and grandsons

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Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
Direct Sire/ Broodmare Sire Cross	-	Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Additional Starters on Rated Cross	35	Weanlings	-	-	-	Starters	3	35	12
Total Starters	35	Yearlings	1	\$136,515	\$136,515	Winners	1	26	5
		2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Fastnet Rock (AUS)	Broodmare Sire Name	=Haradasun (AUS)
Sire AEI	1.95	Broodmare Sire AEI	0.99
Progeny AWD	7.36 f	Progeny AWD as BM Sire	7.05 f
Chief Earner	Mosheen (AUS) (\$2,889,624)	Chief Earner	Quality Approach (AUS) (\$44,408)

	All Foals Bred on Rated Cross			By Sire Line with Other Mares	Out of BM Sire Line with Other Sires
	All Foals	Colts	Fillies	All Foals	All Foals
Foals of Racing Age	48	25	23	2,251	2,761
Starters (% Foals of Racing Age)	35 (73%)	18 (72%)	17 (74%)	1,561 (69%)	1,743 (63%)
Winners (% Starters)	27 (77%)	13 (72%)	14 (82%)	1,097 (70%)	1,093 (63%)
SW (% Starters)	3 (9%)	2 (11%)	1 (6%)	139 (9%)	55 (3%)
Earnings	\$3,253,750	\$1,176,822	\$2,076,928	\$134,241,893	\$80,026,581
Avg Distance Raced	7.48 f	8.06 f	6.52 f	7.36 f	7.18 f
Avg Winning Distance	7.25 f	7.93 f	6.25 f	7.37 f	7.00 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
CATCHY (AUS)	Mare	2014	Fastnet Rock (AUS)/Fusaichi Pegasus	G1SW
ALBANY REUNION (AUS)	Gelding	2009	Fastnet Rock (AUS)/Fusaichi Pegasus	G1SW
FAST DRAGON (AUS)	Horse	2010	Fastnet Rock (AUS)/Fusaichi Pegasus	SW
Palace Rock (NZ)	Mare	2011	Fastnet Rock (AUS)/Fusaichi Pegasus	G3SP
Main Dane (AUS)	Gelding	2008	Fastnet Rock (AUS)/Fusaichi Pegasus	G3SP
Mineko (AUS)	Mare	2010	Fastnet Rock (AUS)/Fusaichi Pegasus	SP
Charing Cross (AUS)	Gelding	2007	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Koombana Beach (AUS)	Gelding	2010	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
This Cat Rocks (AUS)	Gelding	2010	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Carrraig Aonair (AUS)	Gelding	2013	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Crookhaven (AUS)	Gelding	2009	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Annonay (AUS)	Mare	2008	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Folk Rock (AUS)	Mare	2008	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
Sky Empathy (AUS)	Gelding	2008	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr
East Profit (AUS)	Gelding	2009	Fastnet Rock (AUS)/Fusaichi Pegasus	Wnr

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Stakes winners bred from the FASTNET ROCK--FUSAICHI PEGASUS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALBANY REUNION	2009	G	G1			Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
CATCHY	2014	F	G1			Y	FASTNET ROCK ex CATS WHISKER (FUSAICHI PEGASUS)
FAST DRAGON	2010	C				Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)

Stakes winners bred from the FASTNET ROCK--MR. PROSPECTOR cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALBANY REUNION	2009	G	G1			Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
AMAH ROCK	2008	G				Y	FASTNET ROCK ex GAINESVILLE (AFLEET)
AMICUS	2011	F	G1			Y	FASTNET ROCK ex GOLD CHANT (EL MOXIE)
CASQUETS	2010	F				Y	FASTNET ROCK ex SUITELY (WOODMAN)
CATCHY	2014	F	G1			Y	FASTNET ROCK ex CATS WHISKER (FUSAICHI PEGASUS)
FAS	2014	C	G3			Y	FASTNET ROCK ex SOTKA (DUTCH ART)
FAST DRAGON	2010	C				Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
HARLEM RIVER	2012	F				Y	FASTNET ROCK ex HARLEM HEAT (XAAR)
HOLY SNOW	2014	C	G2			Y	FASTNET ROCK ex ONLY WORDS (END SWEEP)
JADE MARAUDER	2009	F	G3			Y	FASTNET ROCK ex JADE DIVA (JADE ROBBERY)
LONE ROCK	2007	F	G1			Y	FASTNET ROCK ex PRIDE OF PINE (LION CAVERN)
LUMOSTY	2011	F	G2			Y	FASTNET ROCK ex LUMINOUS EYES (BACHELOR DUKE)
MELAGRANA	2012	F	G3			Y	FASTNET ROCK ex GHALIAH (SECRET SAVINGS)
NEENA ROCK	2008	F	G3			Y	FASTNET ROCK ex FEMININE WILES (MIESQUE'S SON)
NINTH LEGION	2009	G	G2			Y	FASTNET ROCK ex XAAR'S JEWEL (XAAR)
NOIRE	2013	F	G2			Y	FOXWEDGE ex VALADON (WOODMAN)
RAIN DRUM	2007	G	G2			Y	FASTNET ROCK ex GIFTED SPIRIT (THUNDER GULCH)
ROCK ROBSTER	2008	F				Y	FASTNET ROCK ex CHINESE WHISPERS (WOODMAN)
ROCKOLICIOUS	2011	F				Y	FASTNET ROCK ex ROCK DIVA (WOODMAN)
ROTHESAY	2006	C	G2			Y	FASTNET ROCK ex SCHIAPARELLI (WOODMAN)
SASSY 'N' SMART	2013	F				Y	SMART MISSILE ex PANORAMA RIDGE (EMPIRE MAKER)
SHOALS	2014	F	G1			Y	FASTNET ROCK ex THE BROKEN SHORE (HUSSONET)
SPEED BABY	2006	G				Y	FASTNET ROCK ex TWISTED HEART (DISTORTED HUMOR)
SPRIGHT	2013	F	G3			Y	HINCHINBROOK ex DASHOFF (DASH FOR CASH)
STRYKER	2006	C	G3			Y	FASTNET ROCK ex LAETITIA (WOODMAN)
SUMSTREETSUMWHERE	2014	C	G2			Y	HIGHLY RECOMMENDED ex STREET SIREN (STREET CRY)
SUPER COOL	2009	G	G1			Y	FASTNET ROCK ex QUEEN MOTHER (KINGMAMBO)
TERRITORIAL WATERS	2008	G				Y	FASTNET ROCK ex MISS ALABAMA (WOODMAN)
WHISPERING BROOK	2013	F	G2			Y	HINCHINBROOK ex ARTFUL WHISPER (MACHIAVELLIAN)

Stakes winners bred from the DANEHILL--FUSAICHI PEGASUS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALBANY REUNION	2009	G	G1			Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
CATCHY	2014	F	G1			Y	FASTNET ROCK ex CATS WHISKER (FUSAICHI PEGASUS)
DARCI BE GOOD	2008	C	G3			Y	DARCI BRAHMA ex YOU CAN'T SAY THAT (FUSAICHI PEGASUS)
EXTRA CHOICE	2012	C				Y	REDOUTE'S CHOICE ex BONAICHI (FUSAICHI PEGASUS)
FAST DRAGON	2010	C				Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
MALIBU STYLE	2011	C				Y	MAGNUS ex ORIGAMI (FUSAICHI PEGASUS)
MOHAVE PRINCESS	2010	F				Y	MOUNT NELSON ex OUR MOHAVE (FUSAICHI PEGASUS)
PARA HOLY	2015	F				Y	HOLY ROMAN EMPEROR ex PALOMA SOLITARIA (FUSAICHI PEGASUS)
ROSE OF CHOICE	2009	F				Y	CHOISIR ex DANPEGI (FUSAICHI PEGASUS)
SNITZEPEG	2014	C				Y	SNITZEL ex PEGASUS QUEEN (FUSAICHI PEGASUS)
SUMMER SHAM	2014	F	G2			Y	NOT A SINGLE DOUBT ex HOT SUMMER NIGHT (FUSAICHI PEGASUS)
SUMMER'S DAY	2011	F				Y	DARCI BRAHMA ex ONE PERFECT DAY (FUSAICHI PEGASUS)

Stakes winners bred from the DANZIG--FUSAICHI PEGASUS cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ALBANY REUNION	2009	G	G1			Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
BE BEE	2015	C				Y	SHOWCASING ex MY OTHER WOMAN (FUSAICHI PEGASUS)
CATCHY	2014	F	G1			Y	FASTNET ROCK ex CATS WHISKER (FUSAICHI PEGASUS)
DARCI BE GOOD	2008	C	G3			Y	DARCI BRAHMA ex YOU CAN'T SAY THAT (FUSAICHI PEGASUS)
EXTRA CHOICE	2012	C				Y	REDOUTE'S CHOICE ex BONAICHI (FUSAICHI PEGASUS)
FAST DRAGON	2010	C				Y	FASTNET ROCK ex SECRET SILENCE (FUSAICHI PEGASUS)
HARMAC	2014	C			Y		LANGFUHR ex NANCY G. (FUSAICHI PEGASUS)
MALIBU STYLE	2011	C				Y	MAGNUS ex ORIGAMI (FUSAICHI PEGASUS)
MOHAVE PRINCESS	2010	F				Y	MOUNT NELSON ex OUR MOHAVE (FUSAICHI PEGASUS)
PARA HOLY	2015	F				Y	HOLY ROMAN EMPEROR ex PALOMA SOLITARIA (FUSAICHI PEGASUS)
PORTMAGEE	2013	F				Y	HARD SPUN ex KAUAI CALLS (FUSAICHI PEGASUS)
ROSE OF CHOICE	2009	F				Y	CHOISIR ex DANPEGI (FUSAICHI PEGASUS)
SNITZEPEG	2014	C				Y	SNITZEL ex PEGASUS QUEEN (FUSAICHI PEGASUS)
SUMMER SHAM	2014	F	G2			Y	NOT A SINGLE DOUBT ex HOT SUMMER NIGHT (FUSAICHI PEGASUS)
SUMMER'S DAY	2011	F				Y	DARCI BRAHMA ex ONE PERFECT DAY (FUSAICHI PEGASUS)
YOUNGEST DAUGHTER	2014	F				Y	THE FACTOR ex AFTER THOUGHT (FUSAICHI PEGASUS)

PEDIGREE RATING SCORES - “NICKS”

It's a simple formula – It's all about risk reduction.

Nicks have become an integral part of the decision-making process in the mating and purchasing of thoroughbreds. Most breeders recognise that an affinity or compatibility can exist between two thoroughbred sire lines, such that, when crossed, those lines yielded a greater proportion of superior runners than when either one of them are crossed with any other sire lines. Great breeders, from Federico Tesio to present-day breeders around the world have relied on observed nicks to help guide their breeding plans and buying decisions.

Over 70% of ALL Stakes Winners are “A” Rated Nicks

In order to identify nicks in a systematic way, the software database we use developed an evaluation method based on sire-line analysis. Ongoing studies by researchers show that approximately 25% of the Thoroughbred population is the product of highly successful nicks ("A" rated nicks) while over 70% of stakes winners come from these "A" rated nicks!

Statistics:

There are approximately 20,000 live foals born each year –
25% (5,000) are A Rated whilst 75% (15,000) are rated below.

There are 541 Stakes Races in Australia this racing season.

70% (379) will be won from the 5,000 A rated foals born (7.6%)

30% (162) will be won from the 15,000 foals in the lower rated group (1.08%).

For a practical businessperson seeking a return on money invested, it makes no sense to ignore statistically unfavorable odds. Buying a superior racehorse is already a difficult enough proposition. The Rating systems we use allow us to see into the future by looking into the past and thereby to avoid those mating patterns that have failed. The Nick Rating enables us to avoid crosses that have had little or no success in the past. At the same time, it enables us to identify and thus duplicate successful sire-line crosses, dramatically increasing the chances of success.

Over the years evaluating Nicks have proven to be an invaluable tool in the stallion selection process when identifying yearlings for purchase. Dean Watt, Managing Director of Dynamic Syndications has enjoyed great success as a result of utilising such information. For example:

SAVABEEL, POLAR SUCCESS, HE'S NO PIE EATER, ATOMIC FORCE, ECONSUL, DE BEERS, BRADBURY'S LUCK, TENANT'S TIARA and REWARD FOR EFFORT were all superior racehorses who had superior pedigree ratings.

ECONSUL	A+ +	13,862%
SAVABEEL	A+ +	9,325%
DEBEERS	A+ +	4,270%
POLAR SUCCESS	A+ +	2,240%
REWARD FOR EFFORT	A+	1,175%
ATOMIC FORCE	A+	988%
BRADBURY'S LUCK	A	485%
TENANT'S TIARA	A	238%
HE'S NO PIE EATER	A	161%

Further afield, in 2008 the Top 5 Racehorses in the world had the following ratings:

1 CURLIN	A+	1,375%
2 NEW APPROACH	A+	1,472%
3 RAVEN'S PASS	A+ +	5,961%
4 DUKE OF MARMALADE	A	409%
5 HENRYTHE NAVIGATOR	A+ +	1,531%

Then to further support the theories, in 2008 there was 67 Group 1 races run in Australia. These races were won by 48 individual horses. When these 48 individuals' pedigrees were analysed it showed:

35 / 48 Rated A or above = 73% of Individual Group 1 Winners Rates A or above

Affinity between sire lines was long ago observed by the world's best thoroughbred breeders. Today through modern technologies we are able to quantify what was once only a subjective judgment based on the observations of a relatively small equine population.

Ratings are essentially the objective measurement of success, or lack therefore, of sire-line crosses. Success is quantified by being the winners of stakes races with a prizemoney of at least \$50,000. Through software databases, containing the pedigrees of all such winners since 1977 (over 30,000 winners), we are able to more easily identify what sire-line crosses have succeeded in producing stakes winners and compare those numbers with the stakes winning population on the whole.

Often a sire line may appear to be successful with a particular broodmare sire line. However, if the level of success is no better than that sire line's success with the entire population, then there is not a true nick.

In order to understand the ratings for easy use, a letter-grade scale was developed. As in the scholastic setting, the scales ranges from F (Fail) through to A with A+ also A++ and now since 2011 the software system now identifies A+++ as possible to be achieved in some select instances. The Variants (percentages) shown in the table below are the deviation from the norm that has been observed by that sire line cross in question. On this

scale -15% to +15% (C) is considered average, meaning that the sire-line cross has yielded results that are statistically no better and no worse than what would be expected with the entire population.

An "A" rated nick indicates that a far greater percentage of stakes winners have resulted from that cross than expected. An "F" rated nick indicates that the number of stakes winners resulting from a cross is at least 50% below expectations. This does not mean that there cannot be success or will not be success from such a mating in the future. It does mean that in all the experience of the last 20 + years of winners of stakes races, that type of mating has had a significant lack of success as measured by stakes winner production.

It must be stressed that a below "Average" rating does not guarantee or even predict failure. It means only that, to date, the particular sire-line cross has fallen at least 16% short of what would be expected. Nicks can and do change over time.

Consequently, an above Average Rating must be kept in proper perspective as there are other factors that must be considered when selecting a horse for purchase. Specifically, conformation evaluation is critical. A thoroughbred may have a brilliant pedigree on paper that rates as either Excellent, Superior, Superb or Outstanding on our Ratings Score however if the skeletal structure and/or the overall constitution of the individual is lacking then the horse is rejected as a candidate for purchase.

The Rating Scale is shown below:

Nick	Horse	Variant %
A+++	Excellent	+20,000 and above
A++	Superior	+1,501 to + 19,999
A+	Superb	+500 to +1,500
A	Outstanding	+150 to +499
B+	Very Good	+100 to +149
B	Good	+50 to +99
C+	Acceptable	+16 to +49
C	Average	-15 to +15
D+	Weak	-16 to -34
D	Poor	-35 to -49
F	Unsuccessful	-50
0 SW	Zero Stakes Winners	0 SW

Dynamic Syndications uses these rating tools along with additional pedigree analysis systems from other software databases which skewer the data to local environmental factors and we have introduced a ranking on the class of Stakes Races which are won to establish what we consider is an inherent opportunity of greater racetrack success. Often a horse can have a very high Nick rating and yet score lowly on the variant and visa versa. We use this information to assist us in pedigree selections after the physical inspections have also been considered. Also we cannot blindly accept a rating score. For example Australia has only 2.9% of our races listed as Stakes Races whilst New Zealand has 9.7% and Ireland has 13.1%. Obviously the data will be weighted in certain directions if we did not counter this information with a ranking on the Stakes Races based upon country and class of race, racing region within the country and climatic conditions in the region. After adjustments the rating scale is presented below.

Quality Rating Summary

It is undeniable that racing class is in great part a function of the *quality* of ancestors contributing to new individual. It follows that certain quality stallions tend to contribute more favorably than other sires. When Quality points contributed by such deserving sires are combined with dosage points, the total points more accurately reflect the overall class of a pedigree.

The *Quality sires* in a pedigree contribute quality points (QP) to the new individual in exactly the same way as ancestral sires contribute dosage points (DP). The total number of *Quality points* is added to the *Dosage points* to get *Total Points* (TP).

The Quality Rating, which ranges from zero, as the low, to ten, as the high, is scaled to the number of total points in the pedigree:

Total Points	Quality Rating
0	Q0
1 to 4	Q1
5 to 9	Q2
10 to 14	Q3
15 to 19	Q4
20 to 24	Q5
25 to 29	Q6
30 to 39	Q7
40 to 44	Q8
45 to 54	Q9
55 +	Q10