

Generated on 01/28/20

	SIR TRISTRAM (Q)		SIR IVOR ISOLT
	ZABEEL (Q)		NUREYEV VALDERNA
	LADY GISELLE		RELIC BABY DOLL II
OCTAGONAL	PIECES OF EIGHT II		KLAIRON COURTESSA
	EIGHT CARAT KLAIRESSA		RAISE A NATIVE GOLD DIGGER
LONHRO (98)	MR. PROSPECTOR (B/C)		NEVER BEND JENNIE SUE
	STRAIGHT STRIKE BEND NOT		FORLI BOLD CONSORT
SHADEA	FIRST CONSUL		HERMES (GB) GAY POSS
	CONCIA MY TRICIA		
Prospective foal			
	DANZIG (I/C)	1	NORTHERN DANCER PAS DE NOM
	DANEHILL (Q)		HIS MAJESTY SPRING ADIEU
	RAZYANA	1	BLETCHINGLY JESMOND LASS
REDOUTE'S CHOICE (Q)	CANNY LAD (Q)		NIJINSKY II SHOW LADY
	SHANTHA'S CHOICE DANCING SHOW		SHAREEF DANCER NILMEEN
INTO THE GROOVE (2010)	NEDIYM		WITHOUT FEAR RETICELLA
	GENERAL NEDIYM MILITARY BELLE		BE MY GUEST AUDREY JOAN
A MATERIAL GIRL	PREGO		CHAMOZZLE COUNTESS WYNYARD
	MY MADONNA		
	BLONDE DANCER		

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

Roman Dosage Profile: (1-1-2-0-0)

D.I.: 3.00 C.D.: 0.75

Werk Quality Rating: Q 5

Dosage Points: 4 + Quality Points: 20 = Total Points: 24

5-Generation Inbreeding:

GeoNicks™ Australasia

LONHRO--INTO THE GROOVE

A+++ *Triple Plus*

Based on the LONHRO--REDOUTE'S CHOICE cross



This cross has produced 15 stakes winners in Australasia, including:

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
REGAL POWER	2015	C	G1			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
MESENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
DRAGON LEAP	2016	C	G2			Y	PIERRO ex PONTIANA (REDOUTE'S CHOICE)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
LABURNUM	2015	F	G3			Y	DENMAN ex RUNES (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)

SIRE LINE

LONHRO

OCTAGONAL

ZABEEL

REDOUTE'S CHOICE

161721

DANEHILL

454892

DANZIG

5258122**BROODMARE
SIRE LINE**

Stakes winners bred from the LONHRO--REDOUTE'S CHOICE cross

Stakes Winner	Yob	Sex	Best	Dirt	AWS	Turf	Pedigree
ACTION	2014	C	G2			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
ARCADIA PRINCE	2014	C	G3			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
ARCADIA QUEEN	2015	F	G1			Y	PIERRO ex ARCADIA (REDOUTE'S CHOICE)
COHESION	2013	C				Y	LONHRO ex COME HITHER (REDOUTE'S CHOICE)
DRAGON LEAP	2016	C	G2			Y	PIERRO ex PONTIANA (REDOUTE'S CHOICE)
EIGHT TILL LATE	2008	F	G3			Y	LONHRO ex FUTURE CHOICE (REDOUTE'S CHOICE)
FURORE	2014	C				Y	PIERRO ex STORMY CHOICE (REDOUTE'S CHOICE)
GENERALIFE	2009	G				Y	LONHRO ex ALBAICIN (REDOUTE'S CHOICE)
KEMENTARI	2014	C	G1			Y	LONHRO ex YAVANNA (REDOUTE'S CHOICE)
KENTUCKY BREEZE	2014	C				Y	PIERRO ex TAHNI GIRL (REDOUTE'S CHOICE)
LABURNUM	2015	F	G3			Y	DENMAN ex RUNES (REDOUTE'S CHOICE)
LEVENDI	2014	C	G1			Y	PIERRO ex LIPARI (REDOUTE'S CHOICE)
MESSENE	2008	G	G2			Y	LONHRO ex BELLE GISELLE (REDOUTE'S CHOICE)
REGAL POWER	2015	C	G1			Y	PIERRO ex BROADWAY BELLE (REDOUTE'S CHOICE)
SOUCHEZ	2013	C	G2			Y	LONHRO ex VIMY (REDOUTE'S CHOICE)
WAWAIL	2011	F	G2			Y	LONHRO ex EL DAANA (REDOUTE'S CHOICE)



HYPOTHETICAL: Lonhro (AUS) -- =Into The Groove (AUS)
Based on the cross of Lonhro (AUS)/Redoute's Choice (AUS)

A+
Variant = 4.75

Hypothetical Foal	Lonhro (AUS), 98 dk b/	=Octagonal (NZ), 92 br	=Zabeel (NZ), 86 b	*Sir Tristram, 71 b	Sir Ivor, 65 b	
				=Lady Giselle (FR), 82 b	Isolt, 61 b	
			=Eight Carat (GB), 75 br	*Pieces of Eight II, 63 dk b/	Nureyev, 77 b	
				Klairessa (GB), 69 dk b/	Valderna (FR), 72 b	
			=Shadea (NZ), 88 br	Straight Strike, 77 dk b/	Mr. Prospector, 70 b	Relic, 45 blk
					Bend Not, 72 b	*Baby Doll II, 56 dk b/
	=Concia, 78 b	First Consul, 70 dk b/		*Klairon, 52 b		
		=My Tricia (NZ), 74 br		=Courtesa, 55 b		
	=Into The Groove (AUS), 10 b	=Redoute's Choice (AUS), 96 b		Danehill, 86 b	Danzig, 77 b	Raise a Native, 61 ch
					Razyana, 81 b	Gold Digger, 62 b
		=Shantha's Choice (AUS), 92 b	=Canny Lad (AUS), 87 br	Never Bend, 60 dk b		
			Dancing Show, 83 b	Jennie Sue, 61 ch		
		=A Material Girl (AUS), 04 ch	=General Nediym (AUS), 94 ch	=My Madonna (AUS), 90 ch	Nediym (IRE), 85 b	*Forli, 63 ch
					=Military Belle (AUS), 88 b	Bold Consort, 60 b
				\$Prego (IRE), 80 ch	=Hermes (GB), 63 b	
				=Blonde Dancer (AUS), 75 ch	=Gay Poss (NZ), 66 b	
					Northern Dancer, 61 b	
					Pas de Nom, 68 dk b/	
				His Majesty, 68 b		
				Spring Adieu, 74 b		
				=Blethingly (AUS), 70 br		
				=Jesmond Lass (AUS), 75 ch		
				Nijinsky II, 67 b		
				Show Lady, 76 b		
				Shareef Dancer, 80 b		
				=Nilmeen, 73 ch		
				=Without Fear (FR), 67 b		
				=Reticella (NZ), 81 br		
				Be My Guest, 74 ch		
				=Audrey Joan, 63 ch		
				=Chamozzle (IRE), 70 dk b/		
				=Countess Wynyard (NZ), 65 ch		

Pedigree Statistics	
Coefficient of Relatedness: 1.87%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.62%	Unique Ancestors: 980/2046

Dosage Information	
Dosage Profile: 1 1 2 0 0	
Dosage Index: 3.00	Center of Distribution: +0.75

Notes on terminology in this report: **Coefficient of Relatedness** measures the degree of relatedness between sire and dam to ten generations; **Inbreeding Coefficient** measures the mating's degree of inbreeding to ten generations using Wrights F; **Pedigree Completeness** is the portion of the pedigree that is on file to ten generations; **Unique Ancestors** is the number of unique names in the pedigree through to ten 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:



**HYPOTHETICAL: Lonhro (AUS) -- =Into The Groove (AUS)**

Based on the cross of Lonhro (AUS)/Redoute's Choice (AUS)

A+

Variant = 4.75

Starters Considered in Rated Cross		Auction Results - All Foals on Direct Sire/Broodmare Sire Cross				Surface Performance for Rated Cross			
		Type	#Sold	Avg	Med	Type	Dirt	Turf	AW
Direct Sire/ Broodmare Sire Cross	49	Weanlings	2	\$29,603	\$29,603	Starters	3	48	13
Additional Starters on Rated Cross	-	Yearlings	16	\$139,545	\$114,070	Winners	1	42	1
Total Starters	49	2YOs	-	-	-	SW	-	7	-

Sire		Broodmare Sire	
Sire Name	Lonhro (AUS)	Broodmare Sire Name	=Redoute's Choice (AUS)
Sire AEI	1.65	Broodmare Sire AEI	1.49
Progeny AWD	6.52 f	Progeny AWD as BM Sire	6.79 f
Chief Earner	Pierro (AUS) (\$4,690,137)	Chief Earner	Sacred Falls (NZ) (\$4,540,908)

	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	72	37	35	1,458	2,488
Starters (% Foals of Racing Age)	49 (68%)	27 (73%)	22 (63%)	1,172 (80%)	1,510 (61%)
Winners (% Starters)	42 (86%)	23 (85%)	19 (86%)	851 (73%)	999 (66%)
SW (% Starters)	7 (14%)	5 (19%)	2 (9%)	81 (7%)	91 (6%)
Earnings	\$5,991,042	\$4,729,544	\$1,261,498	\$96,106,732	\$105,339,559
Avg Distance Raced	6.47 f	6.57 f	6.28 f	6.66 f	6.87 f
Avg Winning Distance	6.42 f	6.56 f	6.18 f	6.53 f	6.81 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
KEMENTARI (AUS)	Gelding	2014	Lonhro (AUS)/Redoute's Choice (AUS)	G1SW
MESSENE (AUS)	Gelding	2008	Lonhro (AUS)/Redoute's Choice (AUS)	G2SW
WAWAIL (AUS)	Mare	2011	Lonhro (AUS)/Redoute's Choice (AUS)	G2SW
SOUCHEZ (AUS)	Gelding	2013	Lonhro (AUS)/Redoute's Choice (AUS)	G2SW
GENERALIFE (AUS)	Gelding	2009	Lonhro (AUS)/Redoute's Choice (AUS)	G3SW
EIGHT TILL LATE (AUS)	Mare	2008	Lonhro (AUS)/Redoute's Choice (AUS)	G3SW
COHESION (AUS)	Gelding	2013	Lonhro (AUS)/Redoute's Choice (AUS)	SW
Athiri (AUS)	Filly	2016	Lonhro (AUS)/Redoute's Choice (AUS)	G2SP
Brockhoff (AUS)	Gelding	2012	Lonhro (AUS)/Redoute's Choice (AUS)	G3SP
Gloriette (AUS)	Mare	2013	Lonhro (AUS)/Redoute's Choice (AUS)	G3SP
Fasano (AUS)	Gelding	2016	Lonhro (AUS)/Redoute's Choice (AUS)	SP
Specific Choice (AUS)	Gelding	2009	Lonhro (AUS)/Redoute's Choice (AUS)	Wnr
Revenire (AUS)	Gelding	2014	Lonhro (AUS)/Redoute's Choice (AUS)	Wnr
Schubert (AUS)	Gelding	2014	Lonhro (AUS)/Redoute's Choice (AUS)	Wnr
Estaminet (AUS)	Mare	2011	Lonhro (AUS)/Redoute's Choice (AUS)	Wnr

Pedigree and racing information provided by:



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Stallion Match : LONHRO X INTO THE GROOVE

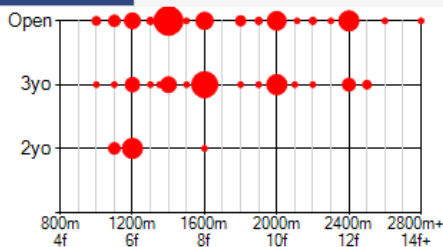
This is a 20/20 Mating

A 20/20 mating occurs when a pattern has two or more Graded Stakes Winners with CSI values above 20. This indicates that this pedigree is exceptional as there are at least two superior horses with a very similar pattern.

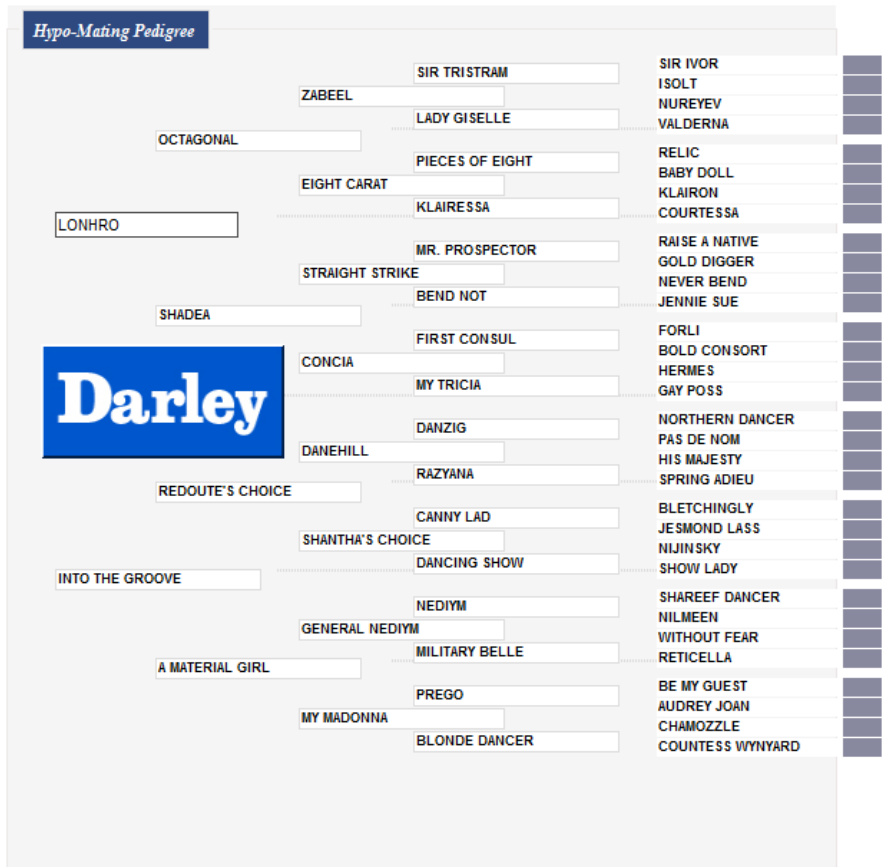
Graded Stakeswinners with same pattern					
View Name	G1	G2	G3	E	CSI
View SOUCHEZ	0	1	0	53	26
View RENAISSANCE	0	1	0	31	26
View SESSIONS	0	1	0	31	26
View VENGEANCE OF RAIN	6	0	1	0	22
View KEMENTARI	1	1	1	46	22
View DIZELLE	1	1	1	0	22
View BENFICA	1	0	0	31	22
View ZABRASIVE	1	0	0	0	22
View PINWHEEL	0	2	2	31	22
View WAWAIL	0	1	1	46	22
View MESSENE	0	1	0	46	22
View CARDSHARP	0	1	0	31	22
View IRONSTEIN	0	0	2	0	22
View ZINGAM	0	0	1	0	22
View EIGHT TILL LATE	0	0	1	46	22

1 2 3 4 5 6 7

Aptitude Profile



The Aptitude Profile shows the Age and Distance range of Stakeswinners bred with this pattern. The larger the Red Dot, the



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