



COMPILED SPECIFICALLY FOR

=Sea Siren (AUS)

KEY ANCESTORS REPORT

*The most important ancestors for your mare
based on her entire pedigree*



TrueNicks Key Ancestors Report: An Explanation

The TrueNicks Key Ancestors Report considers your mare's entire pedigree—all male and female ancestors—and identifies the key ancestors to seek out or avoid in the pedigrees of stallions in prospective matings. The report also provides a statistical profile of superior offspring produced from mares that are closely related to your mare.

While the TrueNicks rating measures the effectiveness of a sire line when crossed with a broodmare sire line, the Key Ancestors Report focuses on how male and female ancestors in sires' pedigrees interact with related mares. For any group of related mares, there are ancestors that contribute to success just as there are ancestors that are deleterious to success. This report identifies these positive and negative ancestors so that you can plan matings accordingly.

Gathering Related Mares

The TrueNicks Key Ancestors Report searches The Jockey Club Information Systems' international pedigree and race results database to find the most closely related mares to your mare by their coefficient of relatedness at five generations. In population genetics, the coefficient of relatedness measures the degree of kinship between two individuals. Your mare is 100% related to herself; approximately 50% related to her dam, full sister, or daughter; approximately 25% related to her second dam, sire's dam, or half sister; etc.

A table summarizes the number of related mares in this report, as well as the range, average, and median of their relatedness. Generally for mares with young or obscure pedigrees, the group of related mares will have a lower average relatedness.

Starters Produced from Related Mares

This report considers a minimum of 500 starters produced from related mares. The top starters are listed in two tables:

Top 15 Starters Produced from Related Mares

The table of top starters produced from related mares is sorted by best win. It includes the best runners produced from all related mares in the report. Since these horses may suggest possible sires or sire lines for your mare, the Sire-Mare TrueNicks column provides the TrueNicks rating for the starter's sire with your mare.

Top 15 Stakes Horses Produced from Related Mares

The table of top stakes horses produced from related mares is sorted by relatedness of the stakes horses' dams. It includes the best horses produced from only the most closely related mares in the report. Again, the Sire-Mare TrueNicks column provides the TrueNicks rating for the stakes horse's sire with your mare.

Ancestor Contribution

Considering the group of 500+ starters produced from related mares, each ancestor that appears in the pedigree of a starter's own sire is quantified by its Ancestor Contribution. This value is the combined amount of the ancestor present in the entire report and is weighted for the ancestor's generational distance and the relatedness of each starter's dam. Therefore, ancestors appearing more frequently, in closer generations, or in starters produced from more related mares will have higher Ancestor Contributions. Ancestors must have a minimum Ancestor Contribution and appear in a minimum number of starters to be included in this report.

Elite & Non-Elite Groups

The 500+ starters are divided into two groups: Elite Group (stakes winners and graded/group stakes-placed horses) and Non-Elite Group (all other starters).

Ancestor Contributions are also divided into Elite and Non-Elite Groups according to the starters in which the ancestors appear. Dividing the Elite Group portion of the Ancestor Contribution by the number of horses in the Elite Group gives an ancestor's concentration in the Elite Group. Similarly, dividing the Non-Elite Group portion of the Ancestor Contribution by the number of horses in the Non-Elite Group gives an ancestor's concentration in the Non-Elite Group.

Pedigree and racing information provided by:





Ancestor Score

Ancestors that are more concentrated in the Elite Group are positive ancestors, while ancestors that are more concentrated in the Non-Elite Group are negative ancestors. The Ancestor Score reflects the degree to which an ancestor is positive or negative in the group of 500+ starters. The top ancestors are listed in two tables:

Top 15 Positive Ancestors

The table of top positive ancestors is sorted by Ancestor Score. These ancestors have been identified as positive ancestors to seek out in potential stallions' pedigrees as they appear more frequently in the Elite Group of starters. Ancestors in this table have a minimum Ancestor Contribution of 0.800 and appear in at least 15 starters. The most significant positive ancestors are identified with a "green key" icon; these ancestors have an Ancestor Contribution of at least 1.250, appear in at least 25 starters, and have an Ancestor Score of at least +80.00.

Top 15 Negative Ancestors

The table of top negative ancestors is sorted by Ancestor Score. These ancestors have been identified as negative ancestors to avoid in potential stallions' pedigrees as they appear more frequently in the Non-Elite Group of starters. Ancestors in this table have a minimum Ancestor Contribution of 0.800 and appear in at least 15 starters.

Using Your Report

When considering potential stallions for your mare, the goal should be to maximize the influence of positive ancestors and minimize the influence of negative ancestors. The best stallion choices generally have a TrueNicks rating of *B+* or better and a positive Key Ancestor Score, which is the combined effect of both positive and negative ancestors in the stallion's pedigree. Key Ancestor Scores for potential stallions can be found in the TrueNicks Key Ancestors Report with Analysis.

TrueNicks Key Ancestors Report with Analysis: An Explanation

The TrueNicks Key Ancestors Report with Analysis is the most comprehensive report available to analyze your mare's pedigree. In addition to the TrueNicks Key Ancestors Report itself, this report adds additional research tools: a catalog-style pedigree for your mare, Key Ancestor Scores and summaries of up to 50 potential stallions, and TrueNicks Enhanced Reports for each hypothetical mating.

Key Ancestor Score

Using your selection of up to 200 potential stallions, the report applies the full list of positive and negative ancestors identified in the Key Ancestors Report to find each stallion's Key Ancestor Score. The report includes the top 50 stallions sorted by Key Ancestor Score. The score is the combined effect of both positive and negative ancestors in the stallion's pedigree and is determined by weighting each ancestor by its generational distance. Individual ancestors can contribute a maximum of +80.00 and minimum of -80.00 to a hypothetical mating; Key Ancestor Scores will also fall within this range.

Potential Stallion Summaries

Potential stallion summaries include each stallion's Key Ancestor Score, TrueNicks rating, and coefficient of relatedness. The coefficient of relatedness reflects how closely related your mare and the potential stallion are to one another at five generations and, thus, how inbred the prospective foal would be.

Summaries also include the top five ancestors present in the stallion's pedigree and their individual impact on the hypothetical mating.

Using Your Report

When considering potential stallions for your mare, the goal should be to maximize the influence of positive ancestors and minimize the influence of negative ancestors. The best stallion choices generally have a TrueNicks rating of *B+* or better and a positive Key Ancestor Score.

If you have questions about your report, please visit Truenicks.com or contact us at info@truenicks.com.

Pedigree and racing information provided by:



=Sea Siren (AUS)

Based on the cross of Danehill and his sons/Success Express

Breeder: K Biggs Enterprises Pty Ltd (AUS)

D

Variant = 0.46

=Sea Siren (AUS) Bay Mare Foaled Nov 21, 2008 in Australia	=Fastnet Rock (AUS), 01 b	Danehill, 86 b	Danzig, 77 b	Northern Dancer, 61 b	Nearctic, 54 br
					Natalma, 57 b
			Pas de Nom, 68 dk b/	Admiral's Voyage, 59 dk b/	
				*Petitioner, 52 b	
			His Majesty, 68 b	*Ribot, 52 b	
		Razyana, 81 b	Spring Adieu, 74 b	Flower Bowl, 52 b	
				Buckpasser, 63 b	
				Natalma, 57 b	
			Royal Academy, 87 b	Nijinsky II, 67 b	Northern Dancer, 61 b
					Flaming Page, 59 b
	Piccadilly Circus (AUS), 95 b	Crimson Saint, 69 ch	Crimson Satan, 59 ch		
			Bolero Rose, 58 ch		
		=Marauding (NZ), 84 b	*Sir Tristram, 71 b		
		=Gatana (AUS), 89 b	=Biscalowe (AUS), 79 ch		
		=Twigalae (AUS), 79 b	=Twig Moss (FR), 73 b		
	=Express A Smile (AUS), 95 b	Success Express, 85 b	Hold Your Peace, 69 b	Speak John, 58 b	Prince John, 53 ch
					*Nuit de Folies, 47 b
			Blue Moon, 48 b	Eight Thirty, 36 ch	
				Blue Grail, 43 b	
			Au Printemps, 79 b	Dancing Champ, 72 b	Nijinsky II, 67 b
		Mrs. Peterkin, 65 b			
*Lorgnette II, 64 ch		=High Hat (GB), 57 ch			
=Hold That Smile (AUS), 86 br		=Haulpak (AUS), 73 b/br	Dignitas, 65 b	Round Table, 54 b	
				Courtesy, 52 b	
		=Winged Beauty (AUS), 62 br/bl	=Port Vista (IRE), 43 dk b/		
		=Felidoma (AUS), 54 br			
	=Silver Smile (AUS), 76 gr	=Silver Knight (NZ), 67 gr	=Alcimedea (GB), 54 br		
		=Cuban Fox (NZ), 52 gr			
=Kinmorin (AUS), 63 ch		=Star Kingdom (IRE), 46 ch			
		=Morin (GB), 56 ch			

Note on terminology in this report: **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 converted to U.S. dollars at time of race or sale.

Dosage Profile: 4 5 6 1 0
Dosage Index: 3.00
Center of Distribution: +0.75

Inbreeding: Northern Dancer: 4S X 5S
Nijinsky II: 4S X 5D
Natalma: 5S X 5S

Pedigree and racing information provided by:



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**=Sea Siren (AUS)**

Based on the cross of Danehill and his sons/Success Express

Breeder: K Biggs Enterprises Pty Ltd (AUS)

D

Variant = 0.46

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	2	Weanlings	-	-	-	Starters	22	148	22
Additional Starters on Rated Cross	149	Yearlings	3	\$177,068	\$97,590	Winners	7	91	5
Total Starters	151	2YOs	-	-	-	SW	-	4	-

Sire		Broodmare Sire	
Sire Name	=Fastnet Rock (AUS)	Broodmare Sire Name	Success Express
Sire AEI	2.52	Broodmare Sire AEI	1.70
Progeny AWD	6.68 f	Progeny AWD as BM Sire	6.66 f
Chief Earner	Mosheen (AUS) (\$2,889,624)	Chief Earner	Pinker Pinker (AUS) (\$2,687,624)

	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	230	114	116	60,353	965
Starters (% Foals of Racing Age)	151 (66%)	80 (70%)	71 (61%)	36,032 (60%)	611 (63%)
Winners (% Starters)	98 (65%)	54 (68%)	44 (62%)	20,867 (58%)	375 (61%)
SW (% Starters)	4 (3%)	2 (2%)	2 (3%)	1,666 (5%)	20 (3%)
Earnings	\$8,597,409	\$3,116,034	\$5,481,375	\$1,564,356,685	\$28,832,979
Avg Distance Raced	6.59 f	6.69 f	6.44 f	7.39 f	6.76 f
Avg Winning Distance	6.54 f	6.69 f	6.36 f	7.35 f	6.70 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
GOLD EDITION (AUS)	Mare	2003	Lion Hunter (AUS)/Success Express	G1SW
SEA SIREN (AUS)	Mare	2008	Fastnet Rock (AUS)/Success Express	G1SW
EXCITES (AUS)	Horse	2003	Danewin (AUS)/Success Express	G1SW
TICKETS (AUS)	Horse	2006	Redoute's Choice (AUS)/Success Express	G2SW
Micken (NZ)	Gelding	2008	Darci Brahma (NZ)/Success Express	G2SP
Flying Success (AUS)	Mare	2006	Flying Spur (AUS)/Success Express	G3SP
Diamonds Am I (AUS)	Mare	2003	Catbird (AUS)/Success Express	SP
Lagerphone (AUS)	Mare	2006	Fastnet Rock (AUS)/Success Express	SP
Vincent Street (NZ)	Gelding	2008	Darci Brahma (NZ)/Success Express	SP
Sink the Bismark (AUS)	Gelding	2001	Commands (AUS)/Success Express	Wnr
Danzadash (AUS)	Gelding	2000	Danzero (AUS)/Success Express	Wnr
Mfuwe (AUS)	Gelding	2004	Lion Hunter (AUS)/Success Express	Wnr
Habits (AUS)	Gelding	2007	Danewin (AUS)/Success Express	Wnr
Danny (NZ)	Gelding	2007	Elvstroem (AUS)/Success Express	Wnr
Bedouin Express (AUS)	Gelding	2006	Desert King (IRE)/Success Express	Wnr

Pedigree and racing information provided by:



**=Sea Siren (AUS)**

Breeder: K Biggs Enterprises Pty Ltd (AUS)

Related Mares in this Report	Relatedness Low-High (%)	Average (%)	Median (%)
143	14.55-50.59	16.35	14.75

Top 15 Starters Produced from Mares Related to =Sea Siren (AUS) (by Best Win)

Horse	Earnings	Best Win	Sire	Sire-Mare TrueNicks	Dam (Relatedness to Subject Mare)
Sarah Lynx (IRE)	\$1,101,468	G1SW	Montjeu (IRE)	C	Steel Princess (IRE) (14.75%)
More Than Sacred (AUS)	\$191,759	G1SW	More Than Ready	A	Danalaga (AUS) (14.75%)
Asian Winds (JPN)	\$2,046,906	G2SW	Fuji Kiseki (JPN)	A++	Sakurasaku (JPN) (14.75%)
Oracy (NZ)	\$138,202	G2SW	Zabeel (NZ)	B+	Lady Dehere (NZ) (25.88%)
Lady Dehere (NZ)	\$135,238	G2SW	Dehere	D	Express A Smile (AUS) (50.59%)
Keiki (AUS)	\$125,996	G2SW	Falvelon (AUS)	B	Shigeki (AUS) (16.21%)
Dan De Lago (AUS)	\$84,293	G2SW	Encosta de Lago (AUS)	B	The Golden Dane (AUS) (14.65%)
Ready To Rip (AUS)	\$571,903	G3SW	More Than Ready	A	Lady Langham (AUS) (14.55%)
Elliotto (AUS)	\$406,894	G3SW	Easy Rocking (AUS)	D	Tanamur (AUS) (14.55%)
Oratorio (AUS)	\$381,119	G3SW	Stravinsky	D	Express A Smile (AUS) (50.59%)
Above Average (IRE)	\$310,975	G3SW	High Chaparral (IRE)	A	Crystal Valkyrie (IRE) (14.55%)
Precious Lorraine (AUS)	\$240,321	G3SW	Encosta de Lago (AUS)	B	Monsoon Wedding (AUS) (14.65%)
Indian Daffodil (IRE)	\$208,105	G3SW	Hernando (FR)	A++	Danseuse Indienne (IRE) (14.55%)
One Last Dance (AUS)	\$177,060	G3SW	Encosta de Lago (AUS)	B	One World (AUS) (14.55%)
Matras (NZ)	\$149,372	G3SW	Zabeel (NZ)	B+	Tropical Affair (14.65%)

Top 15 Stakes Horses Produced from Mares Related to =Sea Siren (AUS) (by Relatedness)

Horse	Earnings	Best Win	Sire	Sire-Mare TrueNicks	Dam (Relatedness to Subject Mare)
Lady Dehere (NZ)	\$135,238	G2SW	Dehere	D	Express A Smile (AUS) (50.59%)
Oratorio (AUS)	\$381,119	G3SW	Stravinsky	D	Express A Smile (AUS) (50.59%)
Discorsi (AUS)	\$88,030	SW	Galileo (IRE)	A+	Express A Smile (AUS) (50.59%)
Cirque Du Soleil (AUS)	\$26,547	SP	Danehill	NR	Piccadilly Circus (AUS) (27.05%)
Rockadubai (AUS)	\$5,519	SP	Fastnet Rock (AUS)	NR	Dubai Express (NZ) (26.86%)
Emotional Circus (AUS)	\$282,519	G2SP	Elusive Quality	B	Cirque Du Soleil (AUS) (26.27%)
Oracy (NZ)	\$138,202	G2SW	Zabeel (NZ)	B+	Lady Dehere (NZ) (25.88%)
The Lady (NZ)	\$55,633	SW	Stravinsky	D	Lady Dehere (NZ) (25.88%)
Little Miss Smiley (AUS)	\$34,202	SP	Husson (ARG)	A	Madame De Stael (AUS) (25.49%)
Snapshots	\$90,281	SW	Success Express	C	Hold That Smile (AUS) (25.00%)
Taameer (NZ)	\$171,312	SW	General Nediym (AUS)	A	Pedante (AUS) (19.43%)
Xaardante (AUS)	\$99,367	G3SP	Xaar (GB)	D	Pedante (AUS) (19.43%)
Modonna (AUS)	\$126,621	SP	More Than Ready	A	Donnadane (AUS) (19.34%)
Upshot (AUS)	\$169,434	SP	Stratum (AUS)	D	Reshoot (AUS) (19.34%)
Reem (AUS)	\$354,291	SW	Galileo (IRE)	A+	Al Afreet (AUS) (17.09%)

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**=Sea Siren (AUS)**

Breeder: K Biggs Enterprises Pty Ltd (AUS)

Top 15 Positive Ancestors Identified for =Sea Siren (AUS) in Potential Stallions (by Ancestor Score)

Ancestor	Ancestor Contribution	Concentration in Elite Group (SW & GSP)	Concentration in Non-Elite Group	Ancestor Score
Gone West	1.836	.786	.317	+147.95
Sadler's Wells	3.441	1.380	.604	+128.48
Miswaki	1.064	.403	.190	+112.11
Red God	.812	.302	.145	+108.28
Zabeel (NZ)	4.273	1.553	.768	+102.21
Blushing Groom (FR)	1.570	.569	.282	+101.77
Nureyev	3.393	1.210	.613	+97.39
Special	3.089	1.093	.559	+95.53
Secretariat	1.423	.502	.258	+94.57
Fairy Bridge	2.786	.976	.505	+93.27
Val de Loir	.814	.284	.148	+91.89
Forli	1.636	.565	.298	+89.60
Sunday Silence	2.568	.863	.470	+83.62
Thong	1.752	.565	.323	+74.92
Encosta de Lago (AUS)	3.724	1.145	.693	+65.22

Ancestors with are your mare's most significant positive ancestors.

Top 15 Negative Ancestors Identified for =Sea Siren (AUS) in Potential Stallions (by Ancestor Score)

Ancestor	Ancestor Contribution	Concentration in Elite Group (SW & GSP)	Concentration in Non-Elite Group	Ancestor Score
Danehill	3.066	.000	.677	-Infinity
Dancing Show	1.008	.000	.223	-Infinity
His Majesty	.966	.000	.213	-Infinity
Never Bend	.838	.009	.184	-1944.44
Bramalea	.884	.029	.192	-562.07
Roberto	1.750	.058	.380	-555.17
Bletchingly (AUS)	.978	.036	.212	-488.89
Danzig	3.020	.180	.646	-258.89
Nijinsky II	1.845	.186	.386	-107.53
Flaming Page	.956	.105	.199	-89.52
Ribot	.868	.097	.181	-86.60
Storm Bird	.908	.115	.187	-62.61
Damascus	.938	.124	.193	-55.65
Woodman	1.482	.215	.303	-40.93
Buckpasser	1.531	.226	.313	-38.50

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