

**=Kizuna (JPN)**

Based on the cross of Deep Impact (JPN)/Storm Cat

Breeder: North Hills Co . Ltd. (JPN)

A

Variant = 3.72

=Kizuna (JPN) Dark Bay or Brown Colt Foaled Mar 05, 2010 in Japan	=Deep Impact (JPN), 02 b	Sunday Silence, 86 dk b/	Halo, 69 dk b/	Hail to Reason, 58 br	*Turn-to, 51 b	
				Cosmah, 53 b	Nothrdchance, 48 b	
			Wishing Well, 75 b	Understanding, 63 ch	Cosmic Bomb, 44 dk b	
				Mountain Flower, 64 b	Almahmoud, 47 ch	
				Lyphard, 69 b	Promised Land, 54 gr	
		Wind in Her Hair (IRE), 91 b	Alzao, 80 b	*Lady Rebecca, 71 b	Pretty Ways, 53 br	
				=Busted (GB), 63 b	*Montpamasse II, 56 br	
			=Burghclere (GB), 77 b	Highclere (GB), 71 b	Edelweiss, 59 b	
				Northern Dancer, 61 b	Northern Dancer, 61 b	
				Goofed, 60 ch	Sir Ivor, 65 b	
	Catequil, 90 b	Storm Cat, 83 dk b/	Storm Bird, 78 b	South Ocean, 67 b	Pocahontas, 55 br	
				Secretariat, 70 ch	=Crepello (GB), 54 ch	
			Terlingua, 76 ch	Crimson Saint, 69 ch	=Sans Le Sou (IRE), 57 b	
				Damascus, 64 b	Sword Dancer, 56 ch	=Queen's Hussar (GB), 60 b
				Kerala, 58 b	Highclere (GB), 71 b	=Highlight (GB), 58 b
		Pacific Princess, 73 b	*Fiji II, 60 ch	=Acropolis (GB), 52 ch	Nearctic, 54 br	
					=Rififi, 54 ch	Natalma, 57 b
			=Donatello II (FR), 34 ch	=Aurora (GB), 36 ch	=Mossborough (GB), 47 ch	New Providence, 56 b
						Blade of Time, 38 br
						Shining Sun, 62 b
Bold Ruler, 54 dk b	Somethingroyal, 52 b	Crimson Satan, 59 ch	Bolero Rose, 58 ch			

Pedigree Statistics

Coefficient of Relatedness: 1.17%	Pedigree Completeness: 100.00%
Inbreeding Coefficient: 1.70%	Unique Ancestors: 366/510

Dosage Information

Dosage Profile: 3 3 10 2 0	
Dosage Index: 1.57	Center of Distribution: +0.39

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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Page 1 of 2

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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	21	Weanlings	7	\$500,556	\$315,952	Starters	8	18	-
Additional Starters on Rated Cross	-	Yearlings	2	\$214,839	\$214,839	Winners	6	13	-
Total Starters	21	2YOs	-	-	-	SW	-	3	-

Sire		Broodmare Sire	
Sire Name	=Deep Impact (JPN)	Broodmare Sire Name	Storm Cat
Sire AEI	3.66	Broodmare Sire AEI	1.65
Progeny AWD	8.63 f	Progeny AWD as BM Sire	7.03 f
Chief Earner	Gentildonna (JPN) (\$9,915,751)	Chief Earner	Lord Kanaloa (JPN) (\$8,733,895)

	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	22	11	11	500	3,319
Starters (% Foals of Racing Age)	21 (95%)	11 (100%)	10 (91%)	417 (83%)	2,545 (77%)
Winners (% Starters)	18 (86%)	10 (91%)	8 (80%)	284 (68%)	1,790 (70%)
SW (% Starters)	3 (14%)	2 (18%)	1 (10%)	32 (8%)	172 (7%)
Earnings	\$9,568,035	\$6,816,039	\$2,751,996	\$132,591,349	\$234,858,441
Avg Distance Raced	8.85 f	9.73 f	7.91 f	8.67 f	7.20 f
Avg Winning Distance	8.82 f	9.46 f	7.70 f	8.62 f	7.02 f

Top 15 Foals Bred on Rated Cross				
Name	Sex	Foaled	Sire/Broodmare Sire	Best Race
KIZUNA (JPN)	Colt	2010	Deep Impact (JPN)/Storm Cat	G1SW
AYUSAN (JPN)	Filly	2010	Deep Impact (JPN)/Storm Cat	G1SW
HIRABOKU DEEP (JPN)	Colt	2010	Deep Impact (JPN)/Storm Cat	G2SW
Jongleur (JPN)	Colt	2009	Deep Impact (JPN)/Storm Cat	Wnr
Lord Rampart (JPN)	Horse	2008	Deep Impact (JPN)/Storm Cat	Wnr
Mikki Aura (JPN)	Horse	2008	Deep Impact (JPN)/Storm Cat	Wnr
Imparator (JPN)	Colt	2010	Deep Impact (JPN)/Storm Cat	Wnr
In to the Storm (JPN)	Filly	2009	Deep Impact (JPN)/Storm Cat	Wnr
Success Silhouette (JPN)	Mare	2008	Deep Impact (JPN)/Storm Cat	Wnr
Lachesis (JPN)	Filly	2010	Deep Impact (JPN)/Storm Cat	Wnr
Dancing Havana (JPN)	Colt	2009	Deep Impact (JPN)/Storm Cat	Wnr
Success Fate (JPN)	Colt	2009	Deep Impact (JPN)/Storm Cat	Wnr
Red Katyusha (JPN)	Filly	2010	Deep Impact (JPN)/Storm Cat	Wnr
Satono Aladdin (JPN)	Colt	2011	Deep Impact (JPN)/Storm Cat	Wnr
Always Love (JPN)	Filly	2010	Deep Impact (JPN)/Storm Cat	Wnr

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Page 2 of 2