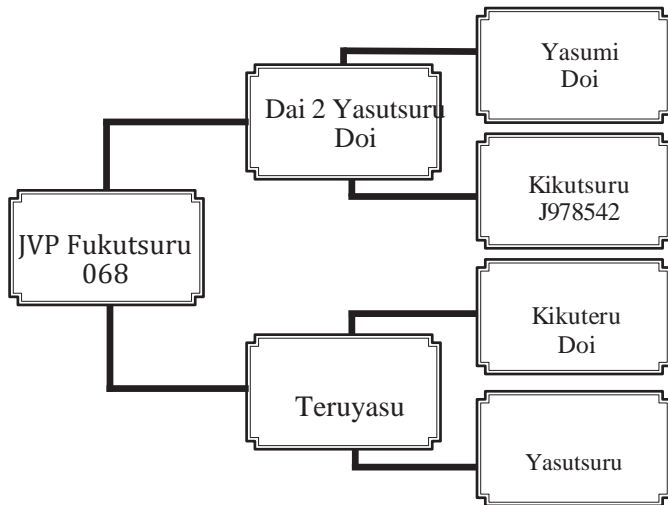


Sire Evaluation: JVP Fukutsuru 068



JVP Fukutsuru 068

JVP Fukutsuru 068 (FB2101 or IMJFMJ068) has been a staple of many Wagyu breeding programs in the USA and Australia since his import by Japanese Venture Partners (JVP) in 1994. He has long been considered one of the best marbling sires ever exported from Japan. Fukutsuru 068 is a product of line breeding to one of Japan's most famous cows, Kikutsuru "The Hyogo Cow". He is sired by Dai 2 Yasutsuru Doi J774, a Yasumi Doi son of "The Hyogo Cow" on top and has a maternal sire stack of Kikuteru Doi x Yasutani Doi x Yasumi Doi x Kikutsuru "The Hyogo Cow" on the bottom as well. His initial progeny testing on F1 cattle through Washington State University's National Sire Summary EPDs published him as the number one marbling bull in the USA. This was a title he held for many years until recently being passed by Sanjiro 3 in 2017. JVP Fukutsuru 068 has sired many successful sons including JVP Oliver, JVP Fukukane 402E, Bar R Ichiro 32R, Bar R Fukusuru 36H, Takeda Farm Fukutsuru 004, and Blackmore Aizatsurudo Y398. JVP 068's global influence can be seen in well-established herds such as Ultimate Kobe Beef, Crescent Harbor Ranch, Bar R Ranch, Blackmore Wagyu, and many more!

The elite pedigree and sire stack that JVP Fukutsuru 068 possesses makes it no surprise he saw so much early success on the WSU Sire Summary. His current EPDs on the newest 2017 published version are +0.76 Marbling EPD, +0.34 REA EPD, and +0.08 External Fat EPD. This leaves him as the number two marbling sire with below average rib eye area and external fat EPDs. He has some of the highest reliability of any sire on the summary at 57% accuracy on 79 progeny from nine contemporary groups for the marbling EPD.

One of the limitations 068 has from a genetic perspective is his status as an F11 recessive carrier. This is something to take into consideration when utilizing him in a breeding

June 2019 Wagyu GROUP BREEDPLAN														
	Gestation Length (days)	Birth Wt (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rump Fat (mm)	Retail Beef Yield (%)	Marble Score	Marble Fineness (%)
EBV	-0.8	-3.1	-7	-16	-28	-43	+5	-2.8	-22	0.0	+4.3	-1.4	+0.3	+0.22
Acc	93%	97%	97%	97%	97%	94%	95%	90%	96%	94%	94%	90%	95%	92%
Breed Avg. EBVs for 2017 Born Calves Click for Percentiles														
EBV	+0.2	+1.0	+9	+15	+18	+19	+0	+0.0	+13	+0.9	+0.2	-0.1	+0.6	+0.13

Traits Observed: Genomics

Statistics: Number of Herds: 24, Progeny Analysed: 349, Scan Progeny: 44, Carcase Progeny: 69, Number of Dtrs: 111

SELECTION INDEX VALUES		
Market Target	Index Value	Breed Average
Self Replacing Index	-\$ 1	+\$ 119
Fullblood Terminal Index	+\$ 8	+\$ 99
F1 Terminal Index	+\$ 30	+\$ 90

JVP Fukutsuru 068's Breedplan EBVs

program and can be easily managed with simple mating decisions. He is also tested for the popular SCD and Tenderness genetic tests for which he is AA for SCD and Tenderness score 7. Both of these results are desirable, with AA being the preferred genotype and 7 being on the high side of the one-to-ten Tenderness scale.

Fukutsuru 068 has performed well on the published data from industry leading herds of Lone Mountain Ranch and Blackmore Wagyu. On Lone Mountain Ranch's July 2018 published data Fukutsuru 068 was averaging 29.02% IMF on 11 carcasses. This is a good average, but was still below other popular proven sires such as Michifuku, TF 148, Kitaguni Jr, Yasufuku Jr, and 003 who were all in the 30-33% IMF range. On the marble fineness ranking, 068 did fairly well with a 29.11 score, ahead of Michifuku, TF 148, and 003, but slightly behind TF 151, Kitaguni Jr, and Yasufuku Jr. This is all according to LMR's Japanese carcass camera which is a great source for objective carcass data. In Blackmore Wagyu's published data from 2013, across 11 carcasses Fukutsuru 068 had 11/11 carcasses grade AUS-Meat MS 9, and 9/11 carcasses graded the highest MS possible at 9+. While excelling here, 068 lacked in daily gain and hot carcass weight at 0.63 kg/day (1.3 lbs/day) and a 383 kg (842.6) HCW, which were below average in the Blackmore herd. This was at a high average days on feed of 619 days. While clearly excelling in marbling ability, he lacked in growth potential.

This leads into JVP Fukutsuru 068's Breedplan EBVs. His Breedplan proof is backed by a significant amount of data including genomics, 349 progeny analyzed in 24 herds, 69 carcass progeny, and 44 scan progeny. Performing as would be expected for a high Tajima sire, he is very negative on growth and Carcass Weight EBV. On carcass traits he is +0.3 for Marble Score, 0.0 Eye Muscle Area, and +0.22 Marble Fineness. While he has high reliability on all traits, he is generally considered to have slightly higher marbling potential than his +0.3 MS EBV would suggest. This can easily be explained by simply having a smaller number of carcass in the system at only 69, compared to a sire like World K's Michifuku



Spotlight Sires

JVP Fukutsuru 068 Sons

Sires to Explore

Blackmore Aizatsurudoï Y398

JVP Fukukane 402E

JVP Oliver

Bar R Ichiro 32R

Takeda Farm Fukutsuru 004

Bar R Fukutsuru 36H

MJB Musashi 03K

World K's Michitsuru

who has 367 carcass. With more data, Breedplan is able to get closer and closer to an animal's actual genetic potential.

One of Fukutsuru 068's clear weaknesses is highlighted on his Breedplan EBVs: that is his lack of growth and low carcass weights. When utilizing him in a breeding program or evaluating pedigrees with 068 in them, this is critical data. Breeders should be aware of weaknesses in their cattle to avoid breeding their cattle into a corner where they are sacrificing too much on growth and performance. JVP Fukutsuru should be used on females with adequate size and strength and his daughters maybe smaller framed and low growth females who require an infusion of growth for the next generation. As usual, corrective mating should be used and especially important with a sire like JVP Fukutsuru 068.

As a sire of sons, JVP Fukutsuru 068 has seen much success. Some of his popular sons include JVP Oliver, JVP Fukukane 402E, Bar R Ichiro 32R, Bar R Ichiro 31R, Takeda Farm Fukutsuru 004, and Blackmore Aizatsurudoï Y398. JVP Oliver is an Fukutsuru 068 son who has seen use in the USA in herds like Ultimate Kobe Beef. He is a 068 x Yasutanisakura x JVP Fukutomi 990 and can be found in many pedigrees around the USA. JVP Fukukane 402E is a Fukutsuru 068 out of original import Chisahime 662. He is one of the very few F11 affected sires to have seen substantial use in the USA and Australia with 51 progeny registered in the USA and 379 progeny registered in Australia. Bar R Ichiro 31R and Bar R Ichiro 32R are popular AI sires in the USA from the legendary Bar R Ranch breeding program of Jerry Reeves. Both have a proof on the 2017 WSU Sire Summary with 31R ranking number four for the Marbling EPD at +0.68 and 32R ranking number 25 with a +0.35 Marbling EPD. Bar R Ichiro 31R's sire stack is 068 x Michifuku x Hirashigetayasu 001 x TF Kikuhana x JVP Yuriko. Bar R Ichiro 32R's sire stack is 068 x Sanjirou x Michifuku x JVP 400 x JVP Chisahime. Takeda Farm Fukutsuru 004 is a sire who has seen use primarily in Australia. He is a Fukutsuru 068 x TF 146 x the Itochiyo 5 cow of Takeda Farms. He has recently had carcass data published at Mayura Station where he averaged 8.41 AUS-Meat marble score, 406 kg (893.2 LBS.) HCW, and 88 cm² (13.1 in²) EMA at the 10th/11th rib on 31 carcasses. Another 068 son is the well-known Blackmore Aizatsurudoï Y398, who is out of the famous Blackmore foundation cow and TF 146 daughter, Takeda Farm Aizakura U100. In the Blackmore herd, Y398 has recorded 28 of his 36 carcasses scoring a MS 9 and 20 of 36 scoring a MS 9+ (highest AUS-Meat grade

possible). This is along with an impressive Daily Gain of 0.79 Kg (1.74 lbs.) which is higher than TF 151 at 0.76 Kg and TF 147 at 0.77 Kg in the Blackmore herd. Y398 also has had data published from Mayura Station's 300 day fed program where he averaged an impressive 8.33 MS, 420 Kg (924 lbs.) HCW, and 97.0 cm² (15.04 in²) EMA at the 10th/11th rib. These successful sons show the value that JVP Fukutsuru 068 can bring to his progeny, especially in the area of marbling which is the hallmark trait of Wagyu.

The ability to produce successful daughters is a trait that is important to the versatility of any sire. JVP Fukutsuru 068 has a few daughters who have gone on to make quite the name for themselves in the Wagyu breed. They are Hisako, HR Koko 007, and CHR Ms Fukutsuru 107L. Hisako is a 068 daughter of World K's Kanetani and the dam of the popular sire World K's Michitsuru. HR Koko is a 068 daughter from the Okutani maternal line who is as successful a donor dam as you will find with 35 registered progeny in the USA and a common name in USA pedigrees. CHR Ms Fukutsuru 107L is an 068 daughter from the Yuriko maternal line who has produced breed-leading sire Michiyoshi and his full brother CHR Michiyoshi II, who sold for \$30,000 to Sexing Technologies at the 2018 Mile High Wagyu Experience Sale. She also produced LMR Ms Sanjirou 601S, who is a full sister to Michiyoshi and has seen success in the Lone Mountain Ranch herd, producing 19 progeny there. When used correctly on cattle that have plenty of size and strength, Fukutsuru 068 can produce sound well rounded daughters who can be the foundation of a good breeding program.

In conclusion, JVP Fukutsuru 068 is a good source of marbling genetics who will need to be protected for size and growth traits in mating decisions. He has seen success as a sire of sons in popular bulls Blackmore Aizatsurudo Y398, Takeda Farm Fukutsuru 004, JVP Oliver, JVP Fukukane 402E, Bar R Ichiro 31R, and Bar R Ichiro 32R. His status as an F11 carrier should be taken into consideration in mating decisions along with his weaknesses on growth and carcass weight. Fukutsuru 068's genotype for SCD and Tenderness tests are AA and 7 respectively, giving him an edge for those looking at these tests. He has also sired famous cows and donor dams in Hisako, HR Koko 007, and CHR Ms Fukutsuru 107L. While not the most well-rounded Wagyu bull, he does have his applications, and will no doubt be seen in Wagyu pedigrees for many generations to come.