



<b>Zootechnical certificate in accordance with Regulation (EU)2016/2012 for trade purebred breeding animals of the following species:</b> <b>(a) bovine species (Bos taurus, Bos indicus, Bubalus bubalis)</b>			
1. Name of issuing breed society Faba osk, PL 95, 15871 HOLLOLA, Finland, Phone +358 20 747 2020, email: <a href="mailto:faba@faba.fi">faba@faba.fi</a> ,			
2. Name of breeding book <b>Holstein</b>		3. Name of breed of purebred breeding animal <b>Holstein</b>	
4. Class of the main section of the breeding book where animal is entered <b>F</b>			
5. Sex of animal <b>bull</b>		6. Breeding book number of animal <b>F 60659</b>	
7. Identification of purebred breeding animal 7.1. System <b>State Cattle Register</b> 7.2. Individual identification number <b>HOLFINM000000014775864</b> 7.3. Animal health Identification number <b>FI000026520401-0</b>		8. Identity verification 8.1. Method <b>SNP</b> 8.2. Result <b>Confirmed</b>	
7.4. Name <b>VH Viking Gogu Gem</b>			
9. Date (dd.mm.yyyy) and country of birth of animal <b>15.06.2023 Finland</b>			
10. Name and address of breeder <b>Sirviö Henna ja Perttu, Kirmantie 219, 74520 IISALMI</b>			
11. Name and address of owner <b>Viking Genetics Finland oy PL 95, 15870 HOLLOLA, tatar@vikinggenetics.com</b>			
12. The pedigree of the breeding animal including the breed composition			
12.1. Sire <b>F 60085</b> <b>Peak Goku</b> <b>HOLUSAM000003209641779</b>		12.1.1. Paternal Grandsire <b>F 60068</b> <b>Progenesis Maestro</b> <b>HOLCANM000000012949010</b>	
		12.1.2. Paternal Granddam <b>14292180 F</b> <b>Peak Olinka ET</b> <b>HOLUSAF000003200824492</b>	
12.2. Dam <b>13887354 F</b> <b>Viking Teele</b> <b>HOLFINF13887354</b>		12.2.1. Maternal Grandsire <b>F 99404</b> <b>VH Norland Nader</b> <b>HOLDNKM000000000260958</b>	
		12.1.2. Maternal Granddam <b>238942 F</b> <b>Viking Popniitti</b> <b>HOLFINF13167882</b>	
13. Additional information 13.1. Results of performance testing (see other page/attachment) Up-to-date results of the genetic evaluation carried out last on (dd.mm.yyy): 13.3. Genetic defects and genetic peculiarities of the animal in relation to the breeding programme 13.2. Other relevant information (see other page/attachment)			
14.1. Insemination/matingDate: 14.2. Identification of the fertilising male 14.2.1 Individual Identification number: 14.2.2 Name: 14.2.3 System of identity verification and result:			
15.1. Done at: <b>Vantaa</b> 15.3. Name and capacity of the signatory: <b>PIRKKO TAURÉN, product group manager</b> 15.4. 		15.2. On: <b>03.12.2023</b> More languages: <a href="https://eur-lex.europa.eu/eli/reg/2016/1012/oj">https://eur-lex.europa.eu/eli/reg/2016/1012/oj</a>	

## Herd Information

Herd number	Arrival date and reason	Owner	Herd	Commune	Address
809999	31.10.2023 purchase	VikingGenetics Finland, Hollolan asema		Hollola	
1200372	15.06.2023 birth	Sirviö Henna ja Perttu	Lampela	Iisalmi	

## Identity information of animal

## DNA-determination

<b>VH Viking Gogu Gem</b>		<b>Classification</b>	<b>Herd Id-Ear</b>	<b>EU identification</b>	<b>DNA-analysis</b>		
			809999-401	FI000026520401-0	BLF CVF RDF VRF POF BB A2A2 HH1F HH3F HH4F HH6F HH7F RP1F		
<b>Born</b>	<b>Sex</b>	<b>Breed</b>	<b>Colour</b>	<b>Horns</b>	<b>Id in Country of Origin</b>		
15.06.2023	bull	HOL	BW 4	DH	FIN 000014775864		
<b>Herd book number</b>	<b>Acc.day</b>	<b>Herdbook</b>	<b>Identification</b>	<b>From</b>			
F 60659 B	24.11.2023	Holstein	EU-MARK	ET			
<b>Breeds (%)</b> HOL 100.0							

## Breeding values

## Pedigree

<b>Exp.</b> +30	<b>Sire</b>	<b>Peak Gogu</b>	<b>PGS</b>	<b>Progenesis Maestro</b>	<b>NTM</b>	<b>+8</b>	<b>PGSS</b>	<b>Silverridge V Imax</b>
Production		F 60085 B		F 60068 B	Production	112		F 98244 B
Growth		28.01.2020 USA		CAN 000012949010	Fertility	97		CAN 000012264620
Fertility	<b>Born</b>		<b>Born</b>	05.12.2017 Canada	Udder health	99	<b>PGSD</b>	<b>Progenesis Duke Melee</b>
Birth	<b>DNA</b>		<b>DNA</b>		Udder	107		13763750 F
Calving	<b>Breeds (%)</b>	HOL 100.0	<b>Breed</b>	HOL	Feet & Legs	101		CAN 000012529246
Udder health	<b>Breeding values</b>				Milking speed	100		
Other treatments		<b>NTM</b> +31 (G)					<b>PGDS</b>	<b>Progenesis Marius</b>
Udder conf.	Production	120	Udder health	113	Milking speed	95		F 99451 B
Frame	Growth		Other treatments	109	Temperament	109		CAN 000012609177
Feet & Legs	Fertility	111	Udder	112	Longevity	113	<b>PGDD</b>	<b>Peak Orchid ET</b>
Milking speed	Birth	109	Frame	113	Hoof health			13872960 F
Temperament	Calving	107	Feet & Legs	101	Saved feed			USA 003138498827
Longevity	<b>Dam</b>	<b>1128 Viking Teele</b>	<b>MGS</b>	<b>VH Norland Nader</b>	<b>NTM</b>	<b>+14</b>	<b>MGSS</b>	<b>Norland</b>
Hoof health		13887354 F		F 99404 D	Production	108		F 98842 D
Saved feed		FI000013887354-9		DNK 000000260958	Fertility	104		FRA 003558442262
	<b>Born</b>	26.02.2021 Finland	<b>Born</b>	21.03.2019 Denmark	Udder health	90	<b>MGSD</b>	<b>3976</b>
	<b>DNA</b>	BLF POF A2A2 HH1F HH3F HH4F HH6F HH7F	<b>DNA</b>	CVF BYF HH2F HH5F CDF	Udder	115		13661185 F
	<b>Breeds (%)</b>	HOL 100.0	<b>Breed</b>	HOL	Feet & Legs	111		DNK 006880303976
	<b>Breeding values</b>				Milking speed	95	<b>MGDS</b>	<b>VH Story Stilo</b>
	Production	120	Udder health	103	Milking speed	97		F 98513 B
	Growth	105	Other treatments	107	Temperament	109		DNK 000000259127
	Fertility	106	Udder	119	Longevity	113	<b>MGDD</b>	<b>Heikkilän Nappis</b>
	Birth	104	Frame	106	Hoof health	107		201482 F
	Calving	107	Feet & Legs	116	Saved feed	93		FI000012320111-3
	<b>Production</b>	<b>Mkg</b>	<b>Fkg</b>	<b>F%</b>	<b>Pkg</b>	<b>P%</b>		
	<b>X:</b>							
	<b>Best</b>							
	<b>Last</b>							
	<b>Tot.</b>	0	0		0			

Culling date and reason

Printed 24.11.2023



Breeding values		Faba / NAV 07.11.2023																			
		Reliability	Production	Mkg	Fkg	F%	Pkg	P%	Fert.	Born	Calv.	Udder health	Udder	Frame	Feet & Legs	Milk sp.	Temperament	Long.	Hoof health	Saved feed	NTM
Animal	VH Gem																				+30
S	Goku	78	120	97	117	117	114	125	111	109	107	113	112	113	101	95	109	113			+31 G
D	VG_Teele		120	93	117	120	112	130	106	104	107	103	119	106	116	97	109	113	107	93	+29 G
PGS	Maestro		112	105	113		108		97	97	103	99	107	121	101	100	98	101			+8
MGS	VH Nader	99	108	95	108	111	104	114	104	109	103	90	115	110	111	95	104	118	112	90	+14

305 d production							Calvings Viking Teele							Embryo born calves		
	Mkg	Fkg	F%	Pkg	P%	Cells	Calv.date	Par.	Calf	Sire of calf	Sex	Insem./preg.	Calv.diff.	Year	Nr of cows	Nr bulls
							13.05.2023	1	FI000026628346-7	F 60077 B	C	2	No assistanc.	2023	3	3

Conformation														
	VH Gem		VG_Teele			VH Gem		VG_Teele			VH Gem		VG_Teele	
	Points	Breeding values	Points	Points		Breeding values	Points	Points	Breeding values		Points			
Udder			119		Frame			106		Feet & Legs			116	
Fore udder attachment			108		Stature	125		117	115	Rear legs side view	3		95	5
Rear udder attachment			109		Body depth			94	5	Rear legs rear view	6		115	6
Rear udder height			119		Chest width			92	5	Hock quality	6		107	8
Central ligament			103		Rib structure			113	4	Bone quality	6		105	9
Udder depth			119		Topline			106	7	Hoof angle	3		109	5
Udder balance			83		Rump width			103	1	Foot angle				
Fore teat length			97		Rump angle			98	3	Defects 1				
Teat thickness			90		Defects 1					Defects 2				
Fore teat placement			102		Defects 2									
Rear teat placement			113							Best classification				
Defects 1					Functional traits									
Defects 2					Milking speed			97		Date				
Extra teats					Leakage					Body				
Unbalanced emptying of udder quarters					Temperament			109		Feet & Legs				
Time from milking (h)										Udder				
										Tot.				



## FABALAB

### Bovine DNA Genotype Certificate

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#### ANIMAL INFORMATION

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Breed:	HOL	Gender:	M
Name:	VH Viking Gogu Gem	Date of birth:	15.6.2023
EU identification:	FI000026520401	Date tested:	8.1.2025
Herdbook:	60659	Twin:	No
BovineID:	14775864		

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#### PARENTAGE QUALIFIES

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Sire:			
Name:	Peak Goku	Herdbook:	60085
Test type:	SNP	Registration Number:	US3209641779
Dam:			
Name:	Viking Teele	EU identification:	FI000013887354
Test type:	SNP		

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#### GENOTYPE RESULTS

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BM1818	262	266	ILSTS006		
BM1824	180	188	INRA23	214	214
BM2113	127	135	RM067		
CSRM60			SPS115	248	248
CSSM66			TGLA53	176	176
ETH3	117	129	TGLA122	149	171
ETH10	213	223	TGLA126	115	115
ETH225	148	150	TGLA227	91	97

The allele sizes have been adjusted to animal #1 from the 97/98 ISAG comparison test

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20.1.2025  
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