











PLINK format	in directory	PLINK files	
	all genotyped animals in one file	F LINK IIIES	
21   BSWSVNF000055838063   0   0   2   -9   1   2   1   1   2   1	2 2 2 1 1 1 2 2 1 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 1 1 1 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1	2 1 1 1 1 1 1 1	
1 14 ARS-BFGL-BAC-10172 0 6371334 2 14 ARS-BFGL-BAC-1020 0 7928189 3 14 ARS-BFGL-BAC-10245 0 31819743 4 14 ARS-BFGL-BAC-10345 0 6133529 5 14 ARS-BFGL-BAC-10375 0 6616434 6 14 ARS-BFGL-BAC-10591 0 17544926 7 14 ARS-BFGL-BAC-10591 0 31267746 9 10 ARS-BFGL-BAC-10952 0 18882288 10 10 ARS-BFGL-BAC-10950 0 20609250 11 10 ARS-BFGL-BAC-10972 0 20792754 12 10 ARS-BFGL-BAC-10975 0 21225382 13 10 ARS-BFGL-BAC-10975 0 21225382 13 10 ARS-BFGL-BAC-10975 0 78512500 15 10 ARS-BFGL-BAC-1000 0 79252023 16 10 ARS-BFGL-BAC-11000 0 79252023 16 10 ARS-BFGL-BAC-11003 0 80410977	For each SNP – 2 values, for 2 alleles		
17 10 ARS-BFGL-BAC-11007 0 80783719 18 10 ARS-BFGL-BAC-11025 0 84516867 19 10 ARS-BFGL-BAC-11028 0 85649939 20 1 ARS-BFGL-BAC-11034 0 12839893 21 11 ARS-BFGL-BAC-11039 0 21276136 22 1 ARS-BFGL-BAC-11042 0 132983082 23 1 ARS-BFGL-BAC-11044 0 12805406 24 11 ARS-BFGL-BAC-11047 0 21681893 25 11 ARS-BFGL-BAC-11057 0 22201316 26 1 ARS-BFGL-BAC-11057 0 134030804 27 11 ARS-BFGL-BAC-11090 0 4730528			

Oracle dat	abase		table		
COLUMN_NAME	DATA_TYPE	1 NULLABLE	DATA_DEFAULT	COLUMN_ID COMMENTS	
1 ID LOCAL	VARCHAR2 (30 BYTE)	No	(null)	1 (null)	
	VARCHAR2 (30 BYTE)		(null)	2 (null)	
3 IDANIM	VARCHAR2 (19 BYTE)	Yes	(null)	3 (null)	
	VARCHAR2 (3 BYTE)		(null)	4 (null)	
5 SEX	VARCHAR2 (1 BYTE)	Yes	(null)	5 (null)	
6 ORIGIN	VARCHAR2 (3 BYTE)	Yes	(null)	6 (null)	
7 ANIMAL	VARCHAR2 (12 BYTE)	Yes	(null)	7 (null)	
8 STATUS	NUMBER (4,0)	Yes	(null)	8 (null)	
9 DTSENT	DATE	Yes	(null)	9 (null)	
10 DTACC	DATE	Yes	(null)	10 (null)	
11 NSNP	NUMBER (9,0)	Yes	(null)	11 (null)	
12 CHIP NAME	VARCHAR2 (30 BYTE)	Yes	(null)	12 (null)	
13 CHIP DENSITY	VARCHAR2 (15 BYTE)	Yes	(null)	13 (null)	
14 HOMOZYG	NUMBER(7,5)	Yes	(null)	14 (null)	
15 CALL RATE	NUMBER(7,4)	Yes	(null)	15 (null)	
16 IDRUN	NUMBER (5,0)	No	(null)	16 (null)	
17 BREEDER NAME	VARCHAR2 (50 BYTE)	Yes	(null)	17 (null)	
18 OWNER NAME	VARCHAR2 (50 BYTE)	Yes	(null)	18 (null)	
19 REMARK	VARCHAR2 (72 BYTE)	Yes	(null)	19 (null)	
20 CALL RATE C	NUMBER(7,4)	Yes	(null)	20 (null)	
21 KEY	VARCHAR2 (30 BYTE)	Yes	(null)	21 (null)	
22 DTTAKE	DATE	Yes	(null)	22 (null)	
23 IDSEZNAM	NUMBER	Yes	(null)	23 (null)	
24 LAB NAME	VARCHAR2 (50 BYTE)	Yes	(null)	24 (null)	

App on the web

## **Summary of genotyped animals by serial number,** data are storaged in Oracle database

pization gled geno	animals tipizacij	sent	receive results	u chip	density	numb of snp	lah	breed
Serija ↓ <del>,</del>	Št. Živali	Poslano	Prejeto	Čip	Gostota	N_snp	Laboratorij	Pasme
9999	100	-	-	-	-	-	-	HOL
1348	7	-	15.02.2024	IDB_versa50K	50K	497 <mark>4</mark> 5	Weatherbys Ireland	BSW
1347	1	-	19.02.2024	IDB_versa50K	50K	49750	Weatherbys Ireland	LIM
1346	4	-	15.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	BSW
1345	9		15.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	BSW
1344	2	-	15.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	BSW
1343	14	-	15.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	CHA-LIM
1342	9	-	15.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	CHA-LIM
1341	14	-	15.02.2024	IDB_versa50K	50K	49749	Weatherbys Ireland	CHA-LIM
1340	2	-	15.02.2024	IDB_versa50K	50K	49750	Weatherbys Ireland	BSW
1339	1	2	15.02.2024	IDB_versa50K	50K	49750	Weatherbys Ireland	SIM
1338	162	-	12.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	AAN-BSW-CHA-CIK-HOL-LIM-SIM-UUU
1337	21	-	12.02.2024	IDB_versa50K	50K	497 <b>4</b> 5	Weatherbys Ireland	HOL-SIM-UUU
1336	15	2	12.02.2024	IDB_versa50K	50K	49745	Weatherbys Ireland	SIM
1335	39	-	05.02.2024	IDB_versa50K	50K	49749	Weatherbys Ireland	CHA-HOL-LIM
1334	137	-	29.01.2024	IDB_versa50K	50K	497 <b>4</b> 5	Weatherbys Ireland	BSW-CIK-HOL-UUU
1333	426	-	29.01.2024	IDB versa50K	50K	49745	Weatherbys Ireland	AAN-BSW-CHA-HOL-LIM-SIM-UUU

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## App on the web

## Search by breed, id, gender, serial number, status data are storaged in Oracle database

animal id	id		sent	received results	number of snp	chip	density	homozigosity	reliability			imber of Lab_ic peats
regled												
Išči		Država	Vse 🗸 Pa	isma živali V	se 🗸 Spo	Vse 🗸 Serija	Vse 🗸 St	atus Vse				~
Št. prikazanił	100 V Go Reset											
ID	Žival ↑≞	Status	Poslano	Sprejeto	N_snp	Ċip	Gostota	Homozig.	Točnost	Serija	Ponovitev	LabID
SI04927378	BSWSVNF000004927378	SNP	25.03.2021	23.04.2021	49745	IDB_versa50K	50K	0,7049	0,9945	1175	1	473779012
SI04927426	BSWSVNF000004927426	SNP	12.07.2021	19.08.2021	49745	IDB_versa50K	50K	0,6773	0,9907	1208	1	470216318
SI04927828	BSWSVNF000004927828	SNP	14.05.2021	01.07.2021	49745	IDB_versa50K	50K	0,6846	0,9752	11 <mark>9</mark> 6	1	466446 <mark>3</mark> 16
SI04929868	BSWSVNF000004929868	SNP	30.09.2019	30.09.2019	49706	IDB_versa50K	50K	0,7016	0,9907	1125	1	SI04929868
SI04929875	BSWSVNF000004929875	SNP	14.05.2021	01.07.2021	49745	IDB_versa50K	50K	0,6645	0,9487	1195	1	494616916
SI04930095	BSWSVNF000004930095	SNP	01.06.2022	07.07.2022	49749	IDB_versa50K	50K	0,7006	0,9942	1268	1	473954815
SI04930507	BSWSVNF000004930507	SNP	13.08.2018	13.08.2018	52445	IDB_IDBv3	53K	0,7165	0,9941	1103	1	SI04930507
SI04931247	BSWSVNF000004931247	SNP	12.05.2021	23.06.2021	49745	IDB_versa50K	50K	0,6853	0,9971	1191	1	467008214
SI04931618	BSWSVNF000004931618	SNP	03.05.2022	06.06.2022	49745	IDB_versa50K	50K	0,6909	0,9922	1258	1	473394811
SI04931900	BSWSVNF000004931900	SNP	21.08.2017	15.09.2017	52445	IDB_IDBv3	53K	0,7189	0,9922	1079	1	SI04931900
SI04931931	BSWSVNF000004931931	SNP	12.01.2018	15.02.2018	52445	IDB191_IDBv3	53K	0,7236	0,9934	1092	1	SI04931931
SI04933270	BSWSVNF000004933270	SNP	14.05.2021	01.07.2021	49745	IDB_versa50K	50K	0,6827	0,9644	1195	1	508960512
SI04939867	BSWSVNF000004939867	SNP	03.06.2021	05.08.2021	49745	IDB_versa50K	50K	0,7166	0,9916	1203	1	471888318
SI04939874	BSWSVNF000004939874	SNP	03.06.2021	05.08.2021	49745	IDB_versa50K	50K	0,7202	0,9867	1203	1	475754514
SI04941693	BSWSVNF000004941693	SNP	12.01.2018	23.02.2018	52445	IDB191_IDBv3	53K	0,7039	0,9461	1093	1	SI04941693
SI04942508	BSWSVNF000004942508	SNP	07.06.2022	01.07.2022	49749	IDB versa50K	50K	0.6997	0.9814	1264	1	498698316

Livestock databas	ses					
40 different breeding prog	grammes: 🖛 8	3, 🞢 17, ዂ 5,	<b># 5, # 4</b> , 🎘,	<b>V</b>		
S Kmetijski inštitut Slovenije	CPZ Cattle	Bee				
<b>BF</b> UNIVERSITY OF LJUBLJANA Biotechnical Faculty	Small Ruminants	Pigs	Genetic evaluation for cattle	Genetic	evaluation for	Conservation of AnGR
<b>VF</b> UNIVERSITY OF LIUBLIANA Veterinary Faculty	Horses					
	Lipizzan horse				A	IE RECOVERY ND RESILIENCE AN
REPUBLIKA SLOVENIJA MINISTIKSTVO ZA KORETIJSTVO, COZDARSTVO IN PREHRANO	central register	ARSKTRP				<b>by the</b> an Union erationEU
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