

LABOKLIN

LABOR FÜR KLINISCHE DIAGNOSTIK GMBH & CO. KG

Laboklin GmbH & Co. KG, Steubenstraße 4, 97688 Bad Kissingen

Veterinarni Ordinace
MVDr. Jaroslav Pesek
Mirova 891
56151 Letohrad
Tschechien

Cislo protokolu o vysetreni: 2401-W-90043
Datum prijeti vzorku: 03.01.2024
Datum vystaveni protokolu: 25.01.2024
Datum zahajeni vysetreni: 03.01.2024
Datum ukoncení vysetreni: 25.01.2024
Stav zpravy: Zaverecna zprava

Druh:	Pes
Plemeno:	Landseer
Pohlavi:	samec
Jméno:	Ansgar vom Goldenen Auenland
Plemenne cislo:	CMKU/LS/848/-18/18
Cislo cipu:	276097202539754
Vek:	15.01.2018
Druh vzorku:	plna krev
Datum odberu vzorku:	22.10.2018
Vzorek odebral/a:	Dr. Jaroslav Pesek
Majitel:	Kubu, Vladimira
ID:	---

Dodatecna objednavka 03-01-2024 k vysetreni 1810-W-47091 Prvni vzorek dorucen: 24-10-2018

Premiovy SNP DNA-profil (ISAG 2020)

001_012:	AG_AG_AA_AA_GG_AA_AG_GG_AG_AA_GG_AG
013-024:	AA_AA_AG_AA_AG_AG_AG_AA_GG_GG_AA
025-036:	AA_AA_AA_AG_GG_GG_AG_AG_AA_AG_GG
037-048:	GG_GG_CC_AA_GG_AG_AA_GG_AA_AA_AG
049-060:	AG_CC_.._AA_AG_GG_AG_AA_AG_AA_AA_AC
061-072:	CC_AC_AA_AA_AA_GG_AG_AA_GG_AG_AA_AA
073-084:	GG_AA_AA_AG_AC_GG_GG_GG_AG_AG_AG_CC
085-096:	AA_AA_GG_AA_AA_GG_AC_AG_GG_GG_AA_GG
097-108:	GG_AG_GG_AA_GG_AC_AG_AC_AG_AA_GG_AG
109-120:	AG_AA_AA_AG_AA_AA_AA_GG_GG_AA_GG_GG
121-132:	AA_GG_AA_AA_GG_AA_GG_AG_GG_AG_GG_AA
133-144:	GG_AA_AG_AA_AA_AG_AG_AG_GG_AG_AG_GG
145-156:	GG_AA_AG_GG_AA_AG_GG_AC_AG_AG_GG_GG
157-168:	GG_AA_AA_AA_AC_AG_AA_GG_AG_AG_AC_GG
169-180:	AG_AG_AC_AA_AG_AG_AA_AG_AA_GG_AG_AG
181-192:	GG_AA_AG_GG_AA_AG_AA_AA_GG_GG_GG_AG
193-204:	AG_GG_AG_AG_GG_GG_AA_GG_GG_AA_GG_GG
205-216:	AA_AG_AA_AG_AA_CC_AA_GG_AG_.._AG_AA
217-228:	GG_AA_AA_AA_AG_AC_AA_GG_GG_AA_AC_AG
229-230:	CC_AA
sex:	X/Y

Information on the Premium SNP DNA Profile

The Premium SNP DNA Profile is your animal's genetic fingerprint and uniquely identifies it. It remains the same throughout the animal's life and cannot be manipulated. Every one of the DNA profiles created in our laboratory is saved in our DNA database and is available to you permanently. The DNA profile does not contain any information on traits or diseases of your pet. The Premium SNP DNA Profile evaluates all of the SNPs recommended by the ISAG from (1) the core panel and (2) the auxiliary panel (numbers 001-230). The following table lists the corresponding internationally valid ISAG nomenclature (Cfa_Chromosom:Position) of the examined SNPs.

Num Panel Chr:Pos

001	1	Cfam_1:3962719	002	1	Cfam_1:20842130	003	1	Cfam_1:70238933	004	1	Cfam_1:80971770	005	1	Cfam_1:106430955
006	1	Cfam_1:119414584	007	1	Cfam_2:2610859	008	1	Cfam_2:38293797	009	1	Cfam_2:77806065	010	1	Cfam_3:1252765
011	1	Cfam_3:24757939	012	1	Cfam_3:73570828	013	1	Cfam_4:31301072	014	1	Cfam_4:64121754	015	1	Cfam_4:75910211
016	1	Cfam_4:86049027	017	1	Cfam_5:5410890	018	1	Cfam_5:26320165	019	1	Cfam_5:85451804	020	1	Cfam_6:11553458
021	1	Cfam_6:33976751	022	1	Cfam_6:64006720	023	1	Cfam_7:76294	024	1	Cfam_7:15011628	025	1	Cfam_7:36555518
026	1	Cfam_8:5291824	027	1	Cfam_8:18121580	028	1	Cfam_8:45852939	029	1	Cfam_8:63196958	030	1	Cfam_9:22610227
031	1	Cfam_9:40096141	032	1	Cfam_9:52710991	033	1	Cfam_9:60437147	034	1	Cfam_10:10652659	035	1	Cfam_10:22409408
036	1	Cfam_10:30034450	037	1	Cfam_10:66922269	038	1	Cfam_11:5318488	039	1	Cfam_11:23907101	040	1	Cfam_11:65603333
041	1	Cfam_12:5579055	042	1	Cfam_12:35306641	043	1	Cfam_12:55201839	044	1	Cfam_12:68125319	045	1	Cfam_13:8704192
046	1	Cfam_13:59896033	047	1	Cfam_14:50063321	048	1	Cfam_14:58465266	049	1	Cfam_15:19299365	050	1	Cfam_15:22834903
051	1	Cfam_16:29634940	052	1	Cfam_16:46884446	053	1	Cfam_16:57958947	054	1	Cfam_17:10649078	055	1	Cfam_17:34462308
056	1	Cfam_17:39124697	057	1	Cfam_18:6745949	058	1	Cfam_18:54361347	059	1	Cfam_19:841347	060	1	Cfam_19:15926130
061	1	Cfam_19:27288167	062	1	Cfam_19:47470564	063	1	Cfam_20:13740894	064	1	Cfam_20:49900586	065	1	Cfam_20:57167714
066	1	Cfam_21:15558670	067	1	Cfam_21:25537675	068	1	Cfam_21:35719434	069	1	Cfam_22:641125	070	1	Cfam_22:26694580
071	1	Cfam_22:55308193	072	1	Cfam_23:42886681	073	1	Cfam_23:50772488	074	1	Cfam_24:23393510	075	1	Cfam_24:29909901
076	1	Cfam_24:47381908	077	1	Cfam_25:2073511	078	1	Cfam_25:33986348	079	1	Cfam_25:47708600	080	1	Cfam_26:20004896
081	1	Cfam_26:35071515	082	1	Cfam_27:2619058	083	1	Cfam_27:22599860	084	1	Cfam_27:41049333	085	1	Cfam_28:9877730
086	1	Cfam_28:18509221	087	1	Cfam_28:38885325	088	1	Cfam_29:251970	089	1	Cfam_29:9625359	090	1	Cfam_29:17561258
091	1	Cfam_29:36319325	092	1	Cfam_30:3896482	093	1	Cfam_30:15542105	094	1	Cfam_30:32852404	095	1	Cfam_31:21068798
096	1	Cfam_31:39391935	097	1	Cfam_32:679380	098	1	Cfam_32:17792284	099	1	Cfam_32:32382778	100	1	Cfam_33:15018500
101	1	Cfam_33:23742061	102	1	Cfam_34:195313	103	1	Cfam_34:24396298	104	1	Cfam_35:15345329	105	1	Cfam_36:3565500
106	1	Cfam_36:12714421	107	1	Cfam_36:23459390	108	1	Cfam_37:9398945	109	1	Cfam_37:15436615	110	1	Cfam_37:27667297
111	1	Cfam_38:9224942	112	1	Cfam_38:17657161	113	1	Cfam_38:20441216	114	2	Cfam_1:72613047	115	2	Cfam_1:74450772
116	2	Cfam_1:119306331	117	2	Cfam_3:10255068	118	2	Cfam_3:37849557	119	2	Cfam_3:43055696	120	2	Cfam_3:43063677
121	2	Cfam_3:64084413	122	2	Cfam_3:90291255	123	2	Cfam_3:91626907	124	2	Cfam_4:42104780	125	2	Cfam_4:67040898
126	2	Cfam_4:70217695	127	2	Cfam_5:13080303	128	2	Cfam_5:36642434	129	2	Cfam_5:44650576	130	2	Cfam_5:55349573
131	2	Cfam_5:64611038	132	2	Cfam_7:3318809	133	2	Cfam_7:6423299	134	2	Cfam_7:15017979	135	2	Cfam_7:76487265
136	2	Cfam_8:6188937	137	2	Cfam_8:19076567	138	2	Cfam_8:24614720	139	2	Cfam_8:52381322	140	2	Cfam_8:67183794
141	2	Cfam_9:20867959	142	2	Cfam_9:32506288	143	2	Cfam_9:50114927	144	2	Cfam_9:56021221	145	2	Cfam_10:8085469
146	2	Cfam_10:14685262	147	2	Cfam_10:39548483	148	2	Cfam_10:47923623	149	2	Cfam_10:57954366	150	2	Cfam_11:1161870
151	2	Cfam_11:62157625	152	2	Cfam_11:70698603	153	2	Cfam_12:6337286	154	2	Cfam_12:8532712	155	2	Cfam_12:23059939
156	2	Cfam_12:40681020	157	2	Cfam_12:70657733	158	2	Cfam_13:40616856	159	2	Cfam_14:55735620	160	2	Cfam_16:29675662
161	2	Cfam_16:58093031	162	2	Cfam_17:9407683	163	2	Cfam_17:12787849	164	2	Cfam_17:57371669	165	2	Cfam_18:10189759
166	2	Cfam_18:16385020	167	2	Cfam_18:16388978	168	2	Cfam_18:31579269	169	2	Cfam_18:47325586	170	2	Cfam_19:30246414
171	2	Cfam_19:40189405	172	2	Cfam_19:42756283	173	2	Cfam_20:6046176	174	2	Cfam_20:45777531	175	2	Cfam_20:48602465
176	2	Cfam_21:22581321	177	2	Cfam_21:29796784	178	2	Cfam_21:31751817	179	2	Cfam_22:20498421	180	2	Cfam_22:33934047
181	2	Cfam_22:37522364	182	2	Cfam_22:39647748	183	2	Cfam_22:61153661	184	2	Cfam_23:44497217	185	2	Cfam_23:48055836
186	2	Cfam_24:18599997	187	2	Cfam_24:27925354	188	2	Cfam_24:30954773	189	2	Cfam_24:43589304	190	2	Cfam_24:45191477
191	2	Cfam_25:4614777	192	2	Cfam_27:20948372	193	2	Cfam_27:34444177	194	2	Cfam_27:42526114	195	2	Cfam_28:9703418
196	2	Cfam_28:12804225	197	2	Cfam_28:34478533	198	2	Cfam_28:35104850	199	2	Cfam_29:4020192	200	2	Cfam_29:4022252
201	2	Cfam_29:19681270	202	2	Cfam_29:22992304	203	2	Cfam_30:10012939	204	2	Cfam_30:11735245	205	2	Cfam_30:226719023
206	2	Cfam_31:20912553	207	2	Cfam_32:13183511	208	2	Cfam_33:15233992	209	2	Cfam_33:22070526	210	2	Cfam_33:27472901
211	2	Cfam_33:22648231	212	2	Cfam_34:24351570	213	2	Cfam_34:34993916	214	2	Cfam_34:37323213	215	2	Cfam_34:41703614
216	2	Cfam_35:15283717	217	2	Cfam_36:288045	218	2	Cfam_36:9241262	219	2	Cfam_36:10084888	220	2	Cfam_36:12723744
221	2	Cfam_36:18627936	222	2	Cfam_37:18338930	223	2	Cfam_37:26611359	224	2	Cfam_37:28611801	225	2	Cfam_37:30110473
226	2	Cfam_37:30902202	227	2	Cfam_38:13098194	228	2	Cfam_38:15271384	229	2	Cfam_38:19172567	230	2	Cfam_38:20930997

Activation Code:

0086201B032D93C9

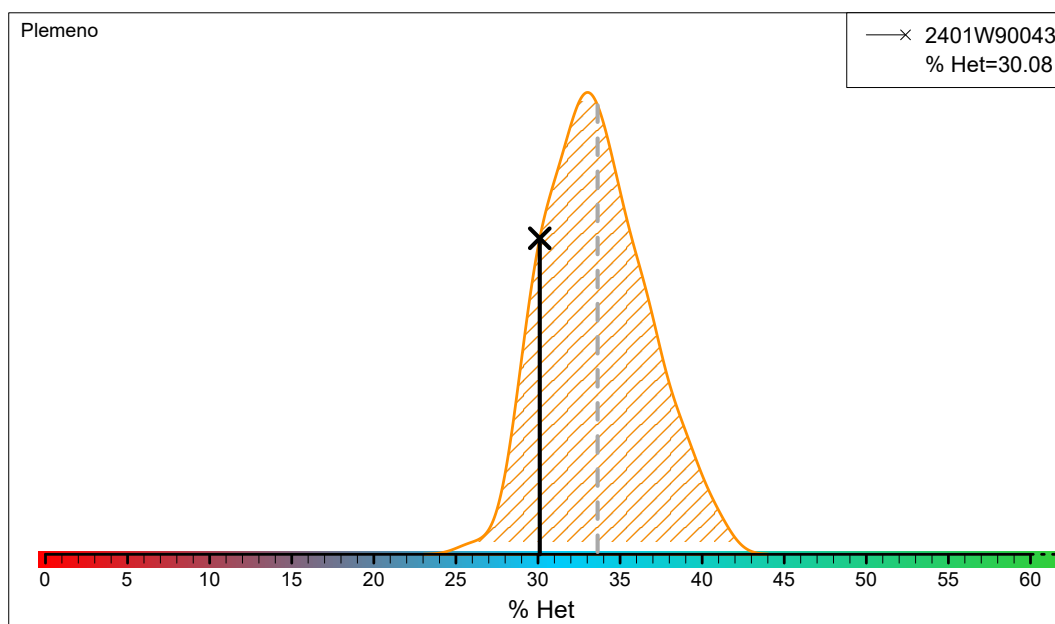
This activation code is used to display the Labogen Diversity Check online at diversity.labogen.com. The Labogen Diversity Check always shows the most up-to-date genetic breed data from the Premium SNP DNA profile (ISAG 2020).

Odber vzorku:

Nize podepsany odberatel vzorku (veterinar, chovatel) svym podpisem stvrdil, ze provedl kontrolu identity zvirete, kteremu vzorek odebral:

Dr. Jaroslav Pesek

Geneticka variabilita (heterozygotnost)



Na tomto grafickem znazorneni vidite genetickou variabilitu (heterozygotnost) Vaseho zvirete. Heterozygotnost (%Het) popisuje procentualni podil na genetickych zvladnostech (SNPs), ktere Vas pes podedil od matky a otce v ruznych variantach. Podle nejnovějších vedeckych poznatku jsou psi s vyssim stupnem heterozygotnosti v ramci plemene mene casto ovlivneni slechtenim nez psi s nizsim stupnem heterozygotnosti.

Pro vypocet heterozygotnosti pouzivame geneticky otisk prstu (premiovy SNP DNA-profil) stejne jako stovky dalsich genetickych charakteristik v DNA Vaseho psa. Vas pes je v grafu znazornen krizkem na jednoduche cerne linii.

Jakmile Laboklin vysetri dostatecne velky reprezentativni vzorek populace Vaseho plemene, vidite genetickou variabilitu cele populace Vaseho plemene jako oraznove vybarvenou oblast. Prumerna hodnota plemene je znazornena sedou prerusovanou linii.

Zvirata s vysokou heterozygotnosti v pomeru ke zbytku plemene mohou pomoci k zachovani genetické rozmanitosti daného plemene. Pozor! Na zaklade heterozygotnosti nelze vyvozovat zavery co se tyce jednotlivych faktorů jako jsou dedicne nemoci nebo vnejsi znaky jako napr. barva srsti. Zachovani genetické variability muze byt stavebnim kamenem zodpovedneho chovu, ale nemuze na ni byt nahlizeno izolovane/byt zohlednovana jako jedina. Dalsi informace naleznete na nasi domovske strance:

<https://shop.labogen.com/en/premium-snp-dna-profile-isag-2020>

Vysledky vysetreni jsou platne pouze pro zaslany vzorek. Vzorek je mozne vysetrit, pokud neni uvedeno jinak. Za spravnost udaju vzorku odpovida zasilatel. Testovací protokol musi byt predan v plnem zneni a beze zmen. Odchyly od metody musi byt pisemne schvaleny firmou Laboklin GmbH & Co. KG.



Fr. Dr. Weimann
Dipl.-Ing. Molekularbiologie

***** konec zpravy *****



Laboklin App