

Under the Sunny

Call name	Date of birth	Kennel Club or Registry	Breed
Under the Sunny	2023-05-27	Société Centrale Canine pour l'Amélioration des Races de Chiens en France	Border Collie
Genetic sex	Microchip number		
Female	250269610783465		

SNP - ISAG 2020 Panel 1

1	Cfam_1:3962719	G/G	39	Cfam_11:23907101	C/C	77	Cfam_25:2073511	A/C
2	Cfam_1:20842130	A/G	40	Cfam_11:65603333	A/A	78	Cfam_25:33986348	A/A
3	Cfam_1:70238933	A/G	41	Cfam_12:5579055	A/A	79	Cfam_25:47708600	A/G
4	Cfam_1:80971770	A/A	42	Cfam_12:35306641	A/G	80	Cfam_26:20004896	G/G
5	Cfam_1:106430955	G/G	43	Cfam_12:55201839	A/G	81	Cfam_26:35071515	A/A
6	Cfam_1:119414584	A/G	44	Cfam_12:68125319	A/A	82	Cfam_27:2619058	A/G
7	Cfam_2:2610859	G/G	45	Cfam_13:8704192	A/A	83	Cfam_27:22599860	A/G
8	Cfam_2:38293797	G/G	46	Cfam_13:59896033	C/C	84	Cfam_27:41049333	A/C
9	Cfam_2:77806065	G/G	47	Cfam_14:50063321	A/A	85	Cfam_28:9877730	A/G
10	Cfam_3:1252765	A/C	48	Cfam_14:58465266	A/A	86	Cfam_28:18509221	A/A
11	Cfam_3:24757939	A/G	49	Cfam_15:19299365	G/G	87	Cfam_28:38885325	G/G
12	Cfam_3:73570828	G/G	50	Cfam_15:22834903	A/A	88	Cfam_29:251970	A/G
13	Cfam_4:31301072	A/G	51	Cfam_16:29634940	A/G	89	Cfam_29:9625359	A/A
14	Cfam_4:64121754	G/G	52	Cfam_16:46884446	A/C	90	Cfam_29:17561258	A/A
15	Cfam_4:75910211	G/G	53	Cfam_16:57958947	A/G	91	Cfam_29:36319325	C/C
16	Cfam_4:86049027	A/G	54	Cfam_17:10649078	G/G	92	Cfam_30:3896482	A/G
17	Cfam_5:5410890	G/G	55	Cfam_17:34462308	A/G	93	Cfam_30:15542105	G/G
18	Cfam_5:26320165	A/G	56	Cfam_17:39124697	A/C	94	Cfam_30:32852404	G/G
19	Cfam_5:85451804	G/G	57	Cfam_18:6745949	G/G	95	Cfam_31:21068798	A/A
20	Cfam_6:11553458	A/G	58	Cfam_18:54361347	G/G	96	Cfam_31:39391935	A/A
21	Cfam_6:33976751	A/G	59	Cfam_19:841347	A/A	97	Cfam_32:679380	A/G
22	Cfam_6:64006720	A/G	60	Cfam_19:15926130	A/A	98	Cfam_32:17792284	G/G
23	Cfam_7:76294	A/G	61	Cfam_19:27288167	C/C	99	Cfam_32:32382778	G/G
24	Cfam_7:15011628	G/G	62	Cfam_19:47470564	A/A	100	Cfam_33:15018500	A/G
25	Cfam_7:36555518	A/G	63	Cfam_20:13740894	G/G	101	Cfam_33:23742061	G/G
26	Cfam_8:5291824	A/A	64	Cfam_20:49900586	A/G	102	Cfam_34:195313	A/C
27	Cfam_8:18121580	A/A	65	Cfam_20:57167714	A/G	103	Cfam_34:24396298	G/G
28	Cfam_8:45852939	A/A	66	Cfam_21:15558670	A/G	104	Cfam_35:15345329	C/C
29	Cfam_8:63196958	A/G	67	Cfam_21:25537675	G/G	105	Cfam_36:3565500	A/A
30	Cfam_9:22610227	G/G	68	Cfam_21:35719434	A/G	106	Cfam_36:12714421	A/G
31	Cfam_9:40096141	A/G	69	Cfam_22:641125	G/G	107	Cfam_36:23459390	G/G
32	Cfam_9:52710991	G/G	70	Cfam_22:26694580	G/G	108	Cfam_37:9398945	A/G
33	Cfam_9:60437147	A/G	71	Cfam_22:55308193	A/C	109	Cfam_37:15436615	G/G
34	Cfam_10:10652659	G/G	72	Cfam_23:42886681	A/A	110	Cfam_37:27667297	A/A
35	Cfam_10:22409408	A/A	73	Cfam_23:50772488	A/A	111	Cfam_38:9224942	A/C
36	Cfam_10:30034450	G/G	74	Cfam_24:23393510	C/C	112	Cfam_38:17657161	G/G
37	Cfam_10:66922269	A/A	75	Cfam_24:29909901	A/A	113	Cfam_38:20441216	A/A
38	Cfam_11:5318488	A/A	76	Cfam_24:47381908	A/G			

SNP - ISAG 2020 Panel 2

1	Cfam_1:72613047	A/G	41	Cfam_12:8532712	G/G	81	Cfam_27:42526114	A/G
2	Cfam_1:74450772	A/G	42	Cfam_12:23059939	A/G	82	Cfam_28:9703418	A/G
3	Cfam_1:119306331	A/G	43	Cfam_12:40681020	A/G	83	Cfam_28:12804225	G/G
4	Cfam_3:10255068	G/G	44	Cfam_12:70657733	A/A	84	Cfam_28:34478533	A/G
5	Cfam_3:37849557	A/A	45	Cfam_13:40616856	A/G	85	Cfam_28:35104850	G/G
6	Cfam_3:43055696	A/G	46	Cfam_14:55735620	G/G	86	Cfam_29:4020192	A/G
7	Cfam_3:43063677	A/G	47	Cfam_16:29675662	C/C	87	Cfam_29:4022252	A/G
8	Cfam_3:64084413	A/A	48	Cfam_16:58093031	A/C	88	Cfam_29:19681270	A/A
9	Cfam_3:90291255	G/G	49	Cfam_17:9407683	G/G	89	Cfam_29:22992304	G/G
10	Cfam_3:91626907	A/A	50	Cfam_17:12787849	A/A	90	Cfam_30:10012939	A/G
11	Cfam_4:42104780	A/A	51	Cfam_17:57371669	A/G	91	Cfam_30:11735245	A/A
12	Cfam_4:67040898	A/A	52	Cfam_18:10189759	G/G	92	Cfam_30:27619023	A/G
13	Cfam_4:70217695	A/G	53	Cfam_18:16385020	A/G	93	Cfam_31:20912553	A/G
14	Cfam_5:13080303	G/G	54	Cfam_18:16388978	A/C	94	Cfam_32:13183511	G/G
15	Cfam_5:36642434	A/G	55	Cfam_18:31579269	A/G	95	Cfam_33:15233992	A/G
16	Cfam_5:44650576	G/G	56	Cfam_18:47325586	A/G	96	Cfam_33:22070526	A/A
17	Cfam_5:55349573	G/G	57	Cfam_19:30246414	A/G	97	Cfam_33:22472901	C/C
18	Cfam_5:64611038	G/G	58	Cfam_19:40189405	A/C	98	Cfam_33:22648231	G/G
19	Cfam_7:3318809	A/G	59	Cfam_19:42756283	A/G	99	Cfam_34:24351570	A/G
20	Cfam_7:6423299	A/G	60	Cfam_20:6046176	A/G	100	Cfam_34:34993916	A/G
21	Cfam_7:15017979	G/G	61	Cfam_20:45777531	G/G	101	Cfam_34:37323213	A/A
22	Cfam_7:76487265	A/G	62	Cfam_20:48602465	A/G	102	Cfam_34:41703614	A/G
23	Cfam_8:6188937	G/G	63	Cfam_21:22581321	A/A	103	Cfam_35:15283717	A/A
24	Cfam_8:19076567	A/A	64	Cfam_21:29796784	A/A	104	Cfam_36:288045	G/G
25	Cfam_8:24614720	A/G	65	Cfam_21:31751817	A/A	105	Cfam_36:9241262	A/A
26	Cfam_8:52381322	A/G	66	Cfam_22:20498421	A/A	106	Cfam_36:10084888	A/A
27	Cfam_8:67183794	A/G	67	Cfam_22:33934047	G/G	107	Cfam_36:12723744	A/C
28	Cfam_9:20867959	G/G	68	Cfam_22:37522364	A/G	108	Cfam_36:18627936	A/G
29	Cfam_9:32506288	A/A	69	Cfam_22:39647748	A/A	109	Cfam_37:18338930	A/A
30	Cfam_9:50114927	A/G	70	Cfam_22:61153661	G/G	110	Cfam_37:26611359	G/G
31	Cfam_9:56021221	G/G	71	Cfam_23:44497217	A/G	111	Cfam_37:28611801	G/G
32	Cfam_10:8085469	A/A	72	Cfam_23:48055836	C/C	112	Cfam_37:30110473	G/G
33	Cfam_10:14685262	G/G	73	Cfam_24:18599997	A/A	113	Cfam_37:30902202	A/G
34	Cfam_10:39548483	A/G	74	Cfam_24:27925354	A/A	114	Cfam_38:13098194	A/A
35	Cfam_10:47923623	G/G	75	Cfam_24:30954773	A/G	115	Cfam_38:15271384	A/G
36	Cfam_10:57954366	G/G	76	Cfam_24:43589304	A/G	116	Cfam_38:19172567	A/A
37	Cfam_11:1161870	A/A	77	Cfam_24:45191477	A/A	117	Cfam_38:20930997	A/A
38	Cfam_11:62157625	A/A	78	Cfam_25:4614777	A/A	SEX	Cfam_x:7828353	X/X
39	Cfam_11:70698603	A/A	79	Cfam_27:20948372	A/G			
40	Cfam_12:6337286	A/G	80	Cfam_27:34444177	G/G			