



THE KENNEL CLUB DOG HEALTH

2018

DNA TEST RESULT SUMMARY BY BREED

Data Calculated to 01/01/19

The following summary covers the results of all breeds that have had Kennel Club registered dogs DNA tested under an official Kennel Club DNA testing scheme in the last 15 years. This data is further broken down by test result.

Breed	Total number tested		CLEAR		CARRIER		AFFECTED		SINGLE AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	
	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018
Alaskan Malamute																
AMPN	403	99	143	22	16	2	0	0	0	0	244	75	0	0	0	0
CD	135	56	58	11	1	2	0	0	0	0	76	43	0	0	0	0
Australian Cattle Dog																
prcd-PRA	138	1	26	1	13	0	1	0	0	0	91	0	7	0	0	0
Australian Shepherd																
CEA/CH	330	11	90	1	11	1	0	0	0	0	229	9	0	0	0	0
HC-HSF4	672	43	162	9	2				19	1	489	33	0	0	0	0
MDR1	224	17	79	8	77	7	34	2	0	0	18	0	16	0	0	0
prcd-PRA	304	11	88	2	0	0	0	0	0	0	216	9	0	0	0	0
Basset Griffon Vendéen (Petit)																
POAG	463	56	158	6	150	8	22	1	0	0	129	38	4	3	0	0
Basset Hound																
POAG	27	28	3	24	2	4	0	0	0	0	22	0	0	0	0	0
Beagle																
FVIID	382	82	95	19	48	9	6	1	0	0	232	53	1	0	0	0
IGS	617	160	154	38	10	0	0	0	0	0	453	122	0	0	0	0
Lafora's	254	331	0	154	0	16	0	0	0	0	254	161	0	0	0	0
Breed	Total number		CLEAR		CARRIER		AFFECTED		SINGLE		HEREDITARILY		HEREDITARILY		HEREDITARILY	

	tested								AFFECTED		CLEAR		CARRIER		AFFECTED	
	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018
MLS	11631	1345	913	36	111	3	2	0	0	0	10605	1306	0	0	0	0
NCCD	6839	895	632	38	57	7	0	0	0	0	6150	850	0	0	0	0
Bearded Collie																
CEA/CH	1093	106	236	5	7	0	1	0	0	0	849	101	0	0	0	0
Bedlington Terrier																
COMMD1	1077	168	319	38	81	10	4	0	0	0	673	120	0	0	0	0
Border Collie																
CEA/CH	5721	155	780	10	159	3	2	0	0	0	4775	142	5	0	0	0
CL	4590	264	778	68	21	1	0	0	0	0	3791	195	0	0	0	0
Gonio	2	191	1	153	1	33	5	0	0	0	0	0	0	0	0	0
IGS	847	196	261	78	5	0	0	0	0	0	581	118	0	0	0	0
MDR1	699	219	289	101	1	2	0	0	0	0	409	116	0	0	0	0
SN	139	116	47	81	4	2	0	0	0	0	88	33	0	0	0	0
TNS	6486	364	956	75	102	11	0	0	0	0	5428	278	0	0	0	0
Border Terrier																
SLEM	2198	1968	545	519	82	107	2	0	0	0	1569	1342	0	0	0	0
Boston Terrier																
HC-HSF4	9502	1217	764	30	40	4	0	0	0	0	8698	1183	0	0	0	0
Briard																
CSNB	1454	69	192	5	50	0	1	0	0	0	1211	64	0	0	0	0
Bull Terrier (Miniature)																
PLL	1403	93	335	17	224	16	9	0	0	0	828	60	7	0	0	0
Bulldog																
HUU	5089	1473	1301	95	511	282	41	10	0	0	3165	1075	71	11	0	0
Cavalier King Charles Spaniel																
CC/DE	10689	1572	2028	23	180	189	2	0	0	0	8479	1360	0	0	0	0
EF	9943	1433	1820	43	422	183	28	1	0	0	7641	1206	32	0	0	0
Chinese Crested																
PLL	678	66	124	7	67	16	1	0	0	0	486	43	0	0	0	0
prcd-PRA	162	18	44	0	1	2	0	0	0	0	117	16	0	0	0	0

Breed	Total number tested		CLEAR		CARRIER		AFFECTED		SINGLE AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	
	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018
Collie (Rough)																
CEA/CH	28	13	7	0	9	0	2	0	0	0	3	5	5	0	0	0
DM	51	0	21	0	21	0	5	0	0	0	4	11	0	0	0	0
MDR1	300	40	87	14	126	11	56	7	0	0	31	8	0	0	0	0
PRA (rcd2)	10	3	5	3	0	0	0	0	0	0	5	0	0	0	0	0
Collie (Smooth)																
CEA/CH	38	5	13	0	14	0	1	0	0	0	3	5	7	0	0	0
DM	57	13	25	2	6	0	0	0	0	0	26	11	0	0	0	0
MDR1	169	18	17	2	48	3	39	1	0	0	12	16	12	5	41	7
PRA (rcd2)	26	1	12	1	0	0	0	0	0	0	14	0	0	0	0	0
Dachshund (Miniature Long Haired)																
PRA (cord1)	6604	753	968	41	852	25	109	0	0	0	4420	687	231	0	24	0
Dachshund (Miniature Smooth Haired)																
PRA (cord1)	15093	3722	1696	241	1551	129	313	7	0	0	10632	3300	863	45	38	0
Dachshund (Miniature Wire Haired)																
Lafora's	2261	526	326	21	181	6	35	1	0	0	1688	0	31	2	0	0
PRA (cord1)	2974	508	472	25	112	6	3	1	0	0	2361	0	26	0	0	0
Dobermann																
vWD	5652	432	589	39	456	16	31	0	0	0	4473	0	103	0	0	0
Entlebucher Mountain Dog (Imp)																
prcd-PRA	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
Finnish Lapphund																
GSD (II)	357	45	77	2	1	0	0	0	0	0	279	43	0	0	0	0
prcd-PRA	394	15	90	3	63	0	1	0	0	0	237	12	3	0	0	0
French Bulldog																
DM	2693	1365	960	328	340	157	42	17	0	0	1316	850	35	13	0	0
HC-HSF4	12091	2652	2341	400	31	0	0	0	0	0	9719	2252	0	0	0	0

Breed	Total number tested		CLEAR		CARRIER		AFFECTED		SINGLE AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	
	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018
German Shepherd Dog																
DM (CDRM)	645	272	181	92	76	47	8	12	0	0	375	121	5	0	0	0
German Wirehaired Pointer																
vWD	2166	506	265	35	1	0	0	0	0	0	1900	471	0	0	0	0
Giant Schnauzer																
DCM	32	14	5	4	0	0	0	0	0	0	27	10	0	0	0	0
prcd-PRA	1	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0
Glen Of Imaal Terrier																
PRA (crd3)	404	28	79	3	58	2	1	0	0	0	266	23	0	0	0	0
Gordon Setter																
PRA (rcd4)	1576	124	289	21	281	11	72	0	0	0	714	86	214	6	6	0
Great Dane																
IMGD	23	137	15	47	2	1	0	0	0	0	6	89	0	0	0	0
Greyhound																
GN	93	0	19	0	4	0	0	0	0	0	70	0	0	0	0	0
Hungarian Wire Haired Vizsla																
HUU	273	184	71	39	71	26	13	3	0	0	112	99	6	17	0	0
Irish Red & White Setter																
CLAD	1284	42	49	6	0	0	0	0	0	0	1235	36	0	0	0	0
vWD	1214	41	83	5	3	0	0	0	0	0	1128	36	0	0	0	0
Irish Setter																
CLAD	13815	681	225	16	19	0	0	0	0	0	13571	665	0	0	0	0
PRA (rcd1)	11985	679	324	15	0	0	0	0	0	0	11661	664	0	0	0	0
PRA (rcd4)	4632	365	759	37	627	32	87	0	0	0	2688	291	438	5	33	0
Irish Terrier																
HFH	140	33	57	15	3	0	0	0	0	0	80	18	0	0	0	0
Italian Spinone			14													
CA	14	47	14	47	0	0		0	0	0	0	0	0	0	0	0
Breed	Total number tested		CLEAR		CARRIER		AFFECTED		SINGLE AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	

	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018	15 years	2018
Jack Russell Terrier																
LOA	88	59	37	18	0	1	0	0	0	0	51	40	0	0	0	0
PLL	82	66	41	21	1	0	0	0	0	0	40	45	0	0	0	0
SCA	89	64	38	19	0	0	0	0	0	0	51	45	0	0	0	0
Keeshond																
PHPT	1345	62	144	0	0	0	0	0	0	0	1201	62	0	0	0	0
Kooikerhondje																
ENM	15	1	9	1	0	0	0	0	0	0	6	0	0	0	0	0
vWD	15	1	9	1	0	0	0	0	0	0	6	0	0	0	0	0
Lagotto Romagnolo																
JE	65	41	21	8	9	3	0	0	0	0	35	30	0	0	0	0
LSD	53	41	26	9	4	2	0	0	0	0	23	30	0	0	0	0
Lancashire Heeler																
CEA/CH	23	2	9	2							14					
PLL	821	81	262	21	180	17	9	1	0	0	368	42	2	0	0	0
Large Munsterlander																
HUU	634	38	91	4	37	3	3	0	0	0	499	31	4	0	0	0
Leonberger																
LPN1	230	22	61	5	5	0	0	0	0	0	164	17	0	0	0	0
Lhasa Apso																
GPRA (pra4)	688	401	274	117	56	23	3	0	0	0	355	261	0	0	0	0
Manchester Terrier																
vWD	1354	132	142	1	46	2	1	0	0	0	1165	129	0	0	0	0
Miniature Schnauzer																
MAC	774	591	143	148	0	1	0	0	0	0	631	442	0	0	0	0
Newfoundland																
CU	2406	232	297	29	76	4	0	0	0	0	2033	199	0	0	0	0
Norwegian Buhund																
HCA	73	19	24	18	3	1	0	0	0	0	46	0	0	0	0	0
Norwegian Elkhound																
prcd-PRA	524	11	98	4	69	1	10	0	0	0	337	6	4	0	6	0
Breed	Total number tested		CLEAR		CARRIER		AFFECTED		SINGLE AFFECTED		HEREDITARILY CLEAR		HEREDITARILY CARRIER		HEREDITARILY AFFECTED	

