

Optimal Selection™

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BR90 947

Cemig Rhys, Border Collie

Registered Name: Cemig Rhys

Nickname: Rhys

Registration ID: 00350316

Breed: Border Collie

Gender: Male

Owner: COREY PERRY

Country: Canada

Testing date: 2020/8/1

Test results - Known disorders in the breed

Disorder	Type	Mode of Inheritance	Result
Early Adult Onset Deafness (EAOD) in Border Collies (linked marker test)	Other Disorders	Autosomal Recessive (Incomplete Penetrance)	 Carrier
Degenerative Myelopathy, (DM; SOD1A)	Neurological Disorders	Autosomal Recessive (Incomplete Penetrance)	Clear
Dental Hypomineralisation; mutation originally found in Border Collie	Other Disorders	Autosomal Recessive	Clear
Goniodysgenesis and glaucoma; mutation originally found in Border Collie	Ocular Disorders	Autosomal Recessive	Clear
Intestinal Cobalamin Malabsorption or Imerslund-Gräsbeck Syndrome, (IGS); mutation originally found in Border Collie	Metabolic Disorders	Autosomal Recessive	Clear
Sensory Neuropathy; mutation originally found in Border Collie	Neurological Disorders	Autosomal Recessive	Clear
Trapped Neutrophil Syndrome, (TNS)	Blood Disorders	Autosomal Recessive	Clear

On behalf of Genoscooper Laboratories,



SIGNATURE

Jonas Donner, PhD, Head of Research and Development
at Genoscooper Laboratories

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Pedigree of Cemig Rhys 00/350316

(= Llangwm Cap 00/315270 x Gwydr Bess 00/330152)

1	2	3	4	5
Llangwm Cap²⁸⁸ 0.6% en ♂ Smooth B,W,T A.(Aled) Owen Col6=4.00% 61% Welsh 2017 W.Nat 15, d1f1 WorldQ 4 2016 IntDr 1, W.Team 12 2015 IntSu 1, W.Team 1 2014 IntSu 9, WorldCh 5 2014 d2f2 WorldQ 2, W.Team 9 2014 W.Dr 1, ENC 4 2013 W.d2Nat 6 	Mac³³⁵ 1.0% en ♂ Rough B,W A.(Aled) Owen Col6=1.78%, 76%W 2012 W.d2Nat 6 2009 IntSu 11, W.Nat 2	Gwyn¹⁰⁵ en A.(Aled) Owen Eli¹³⁵ Master B.Ll.Gwilym	Sparc²⁸, Mrs.E.Roberts Juno³, Mrs.E.Roberts Bob_{433 2x5}, A.Owen Lil²⁷, A.Owen	Don, E.W.Edwards Jem, R.Williams Glen, G.Guy Floss, R.J.Roberts Carl 2x, R.Collins Nell 2x, D.Patrick Bwlch Hemp 2.0% 5x, Miss C.S.Jones Nell, A.Owen
	Gael⁴⁰ ♀ Smooth B,W,T A.(Aled) Owen Col6=0.34%, 66%E	Roy⁶⁰⁴ 2.3% en A.(Aled) Owen 2010 W.Nat 4 2009 W.Nat 3 2008 WorldCh 1, W.Nat 5	Bob_{433 2x5}, A.Owen Nell¹³, G.S.Owen Bob³⁸ e, N.P.Jones Gyp¹⁶, N.P.Jones	Carl 2x, R.Collins Nell 2x, D.Patrick Sweep, G.L.Jones Gail, G.L.Jones Sam e, K.Connor Meg, K.Connor Mirk 2x, J.G.Hadwin Fay, J.G.Hadwin
Gwydr Bess⁷ ♀ Smooth B,W,Br	Joe⁶⁷ ♂ Medium B,W,T M.(Moes) Akhzane Col6=1.37%, 52%I 2016 DSDS.Ch 3	Sweep¹¹² T.(Thomas) Doherty 2011 I.Nat 3 Killiebrae Kaye⁸ J.(Johnny) Cremin	Killiebrae Sweep⁴⁰, J.P.McGee Lee¹⁷, T.Doherty Cap⁷⁸ en, A.D.Scrimageour Killiebrae Bess¹⁷, A.D.Scrimageour	Ben 2.1% en, A.D.Scrimageour Jan, A.D.Scrimageour Tweed 0.8%, T.Doherty Sable, W.McGettigan Dolwen Chips, Ms.J.P.Beale Jill, R.Topley Jim, A.D.Scrimageour Killiebrae Maddie, A.D.Scrimageour
Ms.K.Dyszy Col6=0.00% 54% Welsh	Gwydr Meg⁸ ♀ Smooth B,W D.R.Jones Col6=0.34%, 67%W	Zac⁴⁷ e R.E.(Emrys) Lewis Jano¹⁸ D.R.(Dylan) Jones	Craig¹⁶⁶, R.E.Lewis Jan³⁷, E.Griffith Mirk³³⁶ en, D.K.Evans Ogwen Kate¹⁶, H.Davies	Star, S.L.Davidson Jan, R.E.Lewis Roy, D.J.Brady Madge, J.McGill Jaff 1.3%, D.J.M.Evans Kemi Gypsy, L.Myatt Craig, G.Griffith Bet, T.E.Roberts
1	2	3	4	5