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Avian Clock gene polymorphism

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Supplementary Information Table 1 (Johnsen *et al.*)

Pairwise F_{ST} (above diagonal) and R_{ST} (below diagonal) values for (A) 12 bluethroat (*Luscinia svecica*) populations and (B) 14 blue tit (*Cyanistes caeruleus*) populations. Comparisons with p-values < 0.05 are shown in bold. * indicates a value significant after table-wide Bonferroni correction (for (A): critical p-value: 0.000758; for (B): critical p-value: 0.000549; Rice 1989).

A. Bluethroat (*Luscinia svecica*)

	Sandfjorden	Stugudal	Heimdalen	Sirdal	Kostanay	Krkonose mts.	Thüringen	Třebon	Guérande	Valduerna	Suusamyr	Aragats
Sandfjorden	-	0.0346	-0.0083	-0.0363	-0.0213	-0.0023	0.0571	-0.0165	0.0826	0.1058	-0.0273	-0.0089
Stugudal	-0.0072	-	0.0064	0.0661	0.0705	-0.0063	0.1998*	0.0452	0.2331*	0.0113	0.0401	0.0884
Heimdalen	-0.0148	-0.0015	-	-0.0127	0.0142	-0.0063	0.1615	0.0032	0.1957*	0.0277	0.0031	0.0291
Sirdal	-0.0147	0.0789	0.0152	-	-0.0426	0.003	0.0231	-0.0325	0.0486	0.2023	-0.0418	-0.0291
Kostanay	0.0247	0.1202	0.0520	-0.0251	-	0.0264	0.0187	-0.0149	0.0421	0.1511	-0.0247	-0.0214
Krkonose mts.	-0.0129	-0.0176	-0.0056	0.0441	0.0862	-	0.1569	0.0122	0.189*	0.0313	0.0065	0.0436
Thüringen	0.1173	0.2362*	0.1458*	0.0588	0.0050	0.1926*	-	0.07	-0.0213	0.2944*	0.0419	0.0201
Třebon	-0.0043	0.0915	0.0247	-0.0372	-0.0071	0.0539	0.0787	-	0.095	0.0893	-0.0124	-0.007
Guérande	0.1207	0.2545*	0.1515*	0.0591	0.0018	0.2037*	-0.0246	0.0820	-	0.3287*	0.0656	0.0387
Valduerna	-0.0245	-0.0000	-0.0042	0.0588	0.1061	-0.0092	0.2381*	0.0896	0.2683*	-	0.1078	0.1558
Suusamyr	-0.0238	-0.0172	-0.0152	0.0005	0.0366	-0.0182	0.1236	0.0077	0.1259	-0.0233	-	-0.0128
Aragats	0.0173	0.1275	0.0478	-0.0323	-0.0240	0.0851	0.0354	-0.0100	0.0343	0.1277*	0.0293	-

Supplementary Information Table 1 (Johnsen *et al.*)

B. Blue tit (*Cyanistes caeruleus*)

	Jyväskylä	Oslo	Jomfruland	Vosbergen	Wytham	Antwerp	Tübingen	Forêt d'Orient	Vienna	Auxonne	Rouviere	Muro	Pirio	Pantelleria
Jyväskylä	-	0.0091	0.0722*	0.0261	-0.0022	0.0020	0.0143	0.0044	-0.0025	0.0403	-0.0023	0.0298*	0.0378*	0.3498*
Oslo	-0.0038	-	0.0629*	-0.0005	0.0037	-0.0017	-0.0014	-0.0009	0.0195	-0.0035	0.0018	0.0008	0.0057	0.2967*
Jomfruland	0.0473	0.0334	-	0.0496	0.0693*	0.056*	0.0899*	0.0393	0.0622*	0.0664	0.0777*	0.0456*	0.071*	0.3936*
Vosbergen	-0.0042	-0.0003	0.0542	-	0.0143	0.0043	0.0044	0.004	0.0356	-0.0095	0.0153	-0.0042	-0.0023	0.2417*
Wytham	0.0034	0.0135	0.0833	-0.0021	-	-0.0034	0.005	0.0016	0.0025	0.0249	-0.0043	0.0201*	0.0221	0.3153*
Antwerp	-0.0047	-0.0015	0.0531	-0.0049	0.0001	-	0.0015	-0.0027	0.0075	0.0113	-0.0019	0.0087	0.0121	0.2875*
Tübingen	0.0053	0.0158	0.0858*	-0.0006	-0.0035	0.0018	-	0.0074	0.0272	0.0007	0.0035	0.0091*	0.0059	0.1908*
Forêt d'Orient	-0.0022	-0.0055	0.027	0.0013	0.0144	0.0001	0.0164	-	0.0079	0.013	0.0029	0.0054	0.015	0.2973*
Vienna	-0.0035	-0.006	0.0328	-0.0003	0.0128	-0.0014	0.0149	-0.005	-	0.0563	0.0046	0.0394*	0.0509*	0.3822*
Auxonne	-0.0167	-0.0154	0.0418	-0.0145	-0.0086	-0.0159	-0.007	-0.012	-0.0145	-	0.024	-0.0088	-0.0098	0.4378*
Rouviere	-0.0027	0.0033	0.0648	-0.0051	-0.0038	-0.0042	-0.0022	0.0049	0.0032	-0.014	-	0.0197	0.0222	0.3197*
Muro	-0.0036	-0.0057	0.0262	-0.0009	0.0093	-0.0019	0.0109	-0.005	-0.0054	-0.0121	0.0018	-	0.0003	0.2483*
Pirio	0.0211	0.036	0.1093*	0.0105	0.0011	0.0152	0.0026	0.0354	0.0344	0.011	0.0075	0.0275	-	0.2121*
Pantelleria	0.2401*	0.2959*	0.3135 *	0.1715 *	0.1609*	0.2106*	0.1716*	0.2469 *	0.2748*	0.2260*	0.1808*	0.1939*	0.0647*	-

Supplementary Information Table 1 (Johnsen *et al.*)

Pairwise F_{ST} (above diagonal) and R_{ST} (below diagonal) values for (A) 12 bluethroat (*Luscinia svecica*) populations and (B) 14 blue tit (*Cyanistes caeruleus*) populations. Comparisons with p-values < 0.05 are shown in bold. * indicates a value significant after table-wide Bonferroni correction (for (A): critical p-value: 0.000758; for (B): critical p-value: 0.000549; Rice 1989).

A. Bluethroat (*Luscinia svecica*)

	Sandfjorden	Stugudal	Heimdalen	Sirdal	Kostanay	Krkonose mts.	Thüringen	Třebon	Guérande	Valduerna	Suusamyr	Aragats
Sandfjorden	-	0.0346	-0.0083	-0.0363	-0.0213	-0.0023	0.0571	-0.0165	0.0826	0.1058	-0.0273	-0.0089
Stugudal	-0.0072	-	0.0064	0.0661	0.0705	-0.0063	0.1998*	0.0452	0.2331*	0.0113	0.0401	0.0884
Heimdalen	-0.0148	-0.0015	-	-0.0127	0.0142	-0.0063	0.1615	0.0032	0.1957*	0.0277	0.0031	0.0291
Sirdal	-0.0147	0.0789	0.0152	-	-0.0426	0.003	0.0231	-0.0325	0.0486	0.2023	-0.0418	-0.0291
Kostanay	0.0247	0.1202	0.0520	-0.0251	-	0.0264	0.0187	-0.0149	0.0421	0.1511	-0.0247	-0.0214
Krkonose mts.	-0.0129	-0.0176	-0.0056	0.0441	0.0862	-	0.1569	0.0122	0.189*	0.0313	0.0065	0.0436
Thüringen	0.1173	0.2362*	0.1458*	0.0588	0.0050	0.1926*	-	0.07	-0.0213	0.2944*	0.0419	0.0201
Třebon	-0.0043	0.0915	0.0247	-0.0372	-0.0071	0.0539	0.0787	-	0.095	0.0893	-0.0124	-0.007
Guérande	0.1207	0.2545*	0.1515*	0.0591	0.0018	0.2037*	-0.0246	0.0820	-	0.3287*	0.0656	0.0387
Valduerna	-0.0245	-0.0000	-0.0042	0.0588	0.1061	-0.0092	0.2381*	0.0896	0.2683*	-	0.1078	0.1558
Suusamyr	-0.0238	-0.0172	-0.0152	0.0005	0.0366	-0.0182	0.1236	0.0077	0.1259	-0.0233	-	-0.0128
Aragats	0.0173	0.1275	0.0478	-0.0323	-0.0240	0.0851	0.0354	-0.0100	0.0343	0.1277*	0.0293	-

Supplementary Information Table 1 (Johnsen *et al.*)

B. Blue tit (*Cyanistes caeruleus*)

	Jyväskylä	Oslo	Jomfruland	Vosbergen	Wytham	Antwerp	Tübingen	Forêt d'Orient	Vienna	Auxonne	Rouviere	Muro	Pirio	Pantelleria
Jyväskylä	-	0.0091	0.0722*	0.0261	-0.0022	0.0020	0.0143	0.0044	-0.0025	0.0403	-0.0023	0.0298*	0.0378*	0.3498*
Oslo	-0.0038	-	0.0629*	-0.0005	0.0037	-0.0017	-0.0014	-0.0009	0.0195	-0.0035	0.0018	0.0008	0.0057	0.2967*
Jomfruland	0.0473	0.0334	-	0.0496	0.0693*	0.056*	0.0899*	0.0393	0.0622*	0.0664	0.0777*	0.0456*	0.071*	0.3936*
Vosbergen	-0.0042	-0.0003	0.0542	-	0.0143	0.0043	0.0044	0.004	0.0356	-0.0095	0.0153	-0.0042	-0.0023	0.2417*
Wytham	0.0034	0.0135	0.0833	-0.0021	-	-0.0034	0.005	0.0016	0.0025	0.0249	-0.0043	0.0201*	0.0221	0.3153*
Antwerp	-0.0047	-0.0015	0.0531	-0.0049	0.0001	-	0.0015	-0.0027	0.0075	0.0113	-0.0019	0.0087	0.0121	0.2875*
Tübingen	0.0053	0.0158	0.0858*	-0.0006	-0.0035	0.0018	-	0.0074	0.0272	0.0007	0.0035	0.0091*	0.0059	0.1908*
Forêt d'Orient	-0.0022	-0.0055	0.027	0.0013	0.0144	0.0001	0.0164	-	0.0079	0.013	0.0029	0.0054	0.015	0.2973*
Vienna	-0.0035	-0.006	0.0328	-0.0003	0.0128	-0.0014	0.0149	-0.005	-	0.0563	0.0046	0.0394*	0.0509*	0.3822*
Auxonne	-0.0167	-0.0154	0.0418	-0.0145	-0.0086	-0.0159	-0.007	-0.012	-0.0145	-	0.024	-0.0088	-0.0098	0.4378*
Rouviere	-0.0027	0.0033	0.0648	-0.0051	-0.0038	-0.0042	-0.0022	0.0049	0.0032	-0.014	-	0.0197	0.0222	0.3197*
Muro	-0.0036	-0.0057	0.0262	-0.0009	0.0093	-0.0019	0.0109	-0.005	-0.0054	-0.0121	0.0018	-	0.0003	0.2483*
Pirio	0.0211	0.036	0.1093*	0.0105	0.0011	0.0152	0.0026	0.0354	0.0344	0.011	0.0075	0.0275	-	0.2121*
Pantelleria	0.2401*	0.2959*	0.3135 *	0.1715 *	0.1609*	0.2106*	0.1716*	0.2469 *	0.2748*	0.2260*	0.1808*	0.1939*	0.0647*	-