

**Table S4.** Pairwise differentiation of linkage disequilibrium of Pradu Hang Dam chickens derived from Phitsanulok 1 population (PDH1) based on 28 microsatellite loci

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0248	MCW0111	1.000
MCW0248	ADL0268	1.000
MCW0111	ADL0268	0.555
MCW0248	LEI0234	N/A
MCW0111	LEI0234	N/A
ADL0268	LEI0234	N/A
MCW0248	MCW0206	1.000
MCW0111	MCW0206	1.000
ADL0268	MCW0206	1.000
LEI0234	MCW0206	N/A
MCW0248	MCW0034	0.498
MCW0111	MCW0034	0.412
ADL0268	MCW0034	0.183
LEI0234	MCW0034	N/A
MCW0206	MCW0034	0.444
MCW0248	MCW0222	1.000
MCW0111	MCW0222	0.443
ADL0268	MCW0222	1.000
LEI0234	MCW0222	N/A
MCW0206	MCW0222	1.000
MCW0034	MCW0222	0.305
MCW0248	MCW0103	0.540
MCW0111	MCW0103	0.856
ADL0268	MCW0103	0.031
LEI0234	MCW0103	N/A
MCW0206	MCW0103	1.000
MCW0034	MCW0103	0.087
MCW0222	MCW0103	0.633
MCW0248	MCW0016	0.337
MCW0111	MCW0016	0.123
ADL0268	MCW0016	0.924
LEI0234	MCW0016	N/A
MCW0206	MCW0016	1.000
MCW0034	MCW0016	0.135
MCW0222	MCW0016	1.000
MCW0103	MCW0016	0.841
MCW0248	LEI0166	1.000
MCW0111	LEI0166	1.000
ADL0268	LEI0166	0.855
LEI0234	LEI0166	N/A
MCW0206	LEI0166	0.125

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0034	LEI0166	0.636
MCW0222	LEI0166	0.447
MCW0103	LEI0166	0.565
MCW0016	LEI0166	1.000
MCW0248	MCW0037	0.146
MCW0111	MCW0037	0.701
ADL0268	MCW0037	1.000
LEI0234	MCW0037	N/A
MCW0206	MCW0037	0.350
MCW0034	MCW0037	1.000
MCW0222	MCW0037	1.000
MCW0103	MCW0037	0.485
MCW0016	MCW0037	0.215
LEI0166	MCW0037	1.000
MCW0248	MCW0295	1.000
MCW0111	MCW0295	1.000
ADL0268	MCW0295	0.119
LEI0234	MCW0295	N/A
MCW0206	MCW0295	1.000
MCW0034	MCW0295	0.219
MCW0222	MCW0295	0.853
MCW0103	MCW0295	0.127
MCW0016	MCW0295	1.000
LEI0166	MCW0295	0.533
MCW0037	MCW0295	0.876
MCW0248	LEI0094	0.764
MCW0111	LEI0094	1.000
ADL0268	LEI0094	0.148
LEI0234	LEI0094	N/A
MCW0206	LEI0094	0.253
MCW0034	LEI0094	0.237
MCW0222	LEI0094	1.000
MCW0103	LEI0094	0.489
MCW0016	LEI0094	0.549
LEI0166	LEI0094	0.623
MCW0037	LEI0094	0.856
MCW0295	LEI0094	0.541
MCW0248	MCW0098	0.766
MCW0111	MCW0098	0.911
ADL0268	MCW0098	1.000
LEI0234	MCW0098	N/A
MCW0206	MCW0098	0.721
MCW0034	MCW0098	0.764

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0222	MCW0098	1.000
MCW0103	MCW0098	0.253
MCW0016	MCW0098	1.000
LEI0166	MCW0098	0.284
MCW0037	MCW0098	0.378
MCW0295	MCW0098	1.000
LEI0094	MCW0098	0.857
MCW0248	MCW0078	1.000
MCW0111	MCW0078	0.353
ADL0268	MCW0078	1.000
LEI0234	MCW0078	N/A
MCW0206	MCW0078	0.548
MCW0034	MCW0078	0.406
MCW0222	MCW0078	0.920
MCW0103	MCW0078	0.761
MCW0016	MCW0078	0.130
LEI0166	MCW0078	0.475
MCW0037	MCW0078	1.000
MCW0295	MCW0078	0.293
LEI0094	MCW0078	1.000
MCW0098	MCW0078	0.536
MCW0248	MCW0081	1.000
MCW0111	MCW0081	0.262
ADL0268	MCW0081	0.489
LEI0234	MCW0081	N/A
MCW0206	MCW0081	1.000
MCW0034	MCW0081	0.915
MCW0222	MCW0081	0.543
MCW0103	MCW0081	0.915
MCW0016	MCW0081	0.697
LEI0166	MCW0081	0.508
MCW0037	MCW0081	0.646
MCW0295	MCW0081	0.882
LEI0094	MCW0081	0.909
MCW0098	MCW0081	1.000
MCW0078	MCW0081	0.617
MCW0248	LEI0192	1.000
MCW0111	LEI0192	0.473
ADL0268	LEI0192	0.570
LEI0234	LEI0192	N/A
MCW0206	LEI0192	1.000
MCW0034	LEI0192	0.905
MCW0222	LEI0192	1.000

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0103	LEI0192	0.215
MCW0016	LEI0192	0.313
LEI0166	LEI0192	0.606
MCW0037	LEI0192	1.000
MCW0295	LEI0192	0.232
LEI0094	LEI0192	0.886
MCW0098	LEI0192	0.593
MCW0078	LEI0192	0.097
MCW0081	LEI0192	0.863
MCW0248	MCW0014	N/A
MCW0111	MCW0014	0.721
ADL0268	MCW0014	1.000
LEI0234	MCW0014	N/A
MCW0206	MCW0014	N/A
MCW0034	MCW0014	1.000
MCW0222	MCW0014	0.569
MCW0103	MCW0014	0.572
MCW0016	MCW0014	0.494
LEI0166	MCW0014	0.664
MCW0037	MCW0014	0.286
MCW0295	MCW0014	1.000
LEI0094	MCW0014	1.000
MCW0098	MCW0014	1.000
MCW0078	MCW0014	N/A
MCW0081	MCW0014	0.418
LEI0192	MCW0014	1.000
MCW0248	MCW0183	1.000
MCW0111	MCW0183	0.325
ADL0268	MCW0183	0.828
LEI0234	MCW0183	N/A
MCW0206	MCW0183	1.000
MCW0034	MCW0183	0.124
MCW0222	MCW0183	0.636
MCW0103	MCW0183	0.794
MCW0016	MCW0183	0.409
LEI0166	MCW0183	1.000
MCW0037	MCW0183	0.620
MCW0295	MCW0183	0.750
LEI0094	MCW0183	1.000
MCW0098	MCW0183	1.000
MCW0078	MCW0183	0.543
MCW0081	MCW0183	1.000
LEI0192	MCW0183	0.423

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0014	MCW0183	1.000
MCW0248	ADL0278	0.601
MCW0111	ADL0278	0.579
ADL0268	ADL0278	0.047
LEI0234	ADL0278	N/A
MCW0206	ADL0278	1.000
MCW0034	ADL0278	0.327
MCW0222	ADL0278	0.529
MCW0103	ADL0278	0.194
MCW0016	ADL0278	0.680
LEI0166	ADL0278	0.689
MCW0037	ADL0278	0.941
MCW0295	ADL0278	0.259
LEI0094	ADL0278	0.159
MCW0098	ADL0278	1.000
MCW0078	ADL0278	0.617
MCW0081	ADL0278	0.139
LEI0192	ADL0278	0.313
MCW0014	ADL0278	0.586
MCW0183	ADL0278	1.000
MCW0248	MCW0067	1.000
MCW0111	MCW0067	1.000
ADL0268	MCW0067	0.119
LEI0234	MCW0067	N/A
MCW0206	MCW0067	N/A
MCW0034	MCW0067	0.518
MCW0222	MCW0067	1.000
MCW0103	MCW0067	0.661
MCW0016	MCW0067	1.000
LEI0166	MCW0067	0.274
MCW0037	MCW0067	1.000
MCW0295	MCW0067	0.208
LEI0094	MCW0067	0.501
MCW0098	MCW0067	0.851
MCW0078	MCW0067	1.000
MCW0081	MCW0067	0.525
LEI0192	MCW0067	0.630
MCW0014	MCW0067	1.000
MCW0183	MCW0067	0.293
ADL0278	MCW0067	0.741
MCW0248	ADL0112	0.546
MCW0111	ADL0112	1.000
ADL0268	ADL0112	0.112

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
<b>LEI0234</b>	ADL0112	N/A
<b>MCW0206</b>	ADL0112	1.000
<b>MCW0034</b>	ADL0112	0.639
<b>MCW0222</b>	ADL0112	1.000
<b>MCW0103</b>	ADL0112	0.020
<b>MCW0016</b>	ADL0112	1.000
<b>LEI0166</b>	ADL0112	0.669
<b>MCW0037</b>	ADL0112	0.107
<b>MCW0295</b>	ADL0112	0.014
<b>LEI0094</b>	ADL0112	0.602
<b>MCW0098</b>	ADL0112	1.000
<b>MCW0078</b>	ADL0112	0.482
<b>MCW0081</b>	ADL0112	0.446
<b>LEI0192</b>	ADL0112	0.179
<b>MCW0014</b>	ADL0112	1.000
<b>MCW0183</b>	ADL0112	0.504
<b>ADL0278</b>	ADL0112	0.195
<b>MCW0067</b>	ADL0112	0.111
<b>MCW0248</b>	MCW0216	1.000
<b>MCW0111</b>	MCW0216	1.000
<b>ADL0268</b>	MCW0216	0.639
<b>LEI0234</b>	MCW0216	N/A
<b>MCW0206</b>	MCW0216	1.000
<b>MCW0034</b>	MCW0216	1.000
<b>MCW0222</b>	MCW0216	1.000
<b>MCW0103</b>	MCW0216	1.000
<b>MCW0016</b>	MCW0216	1.000
<b>LEI0166</b>	MCW0216	1.000
<b>MCW0037</b>	MCW0216	1.000
<b>MCW0295</b>	MCW0216	1.000
<b>LEI0094</b>	MCW0216	0.505
<b>MCW0098</b>	MCW0216	1.000
<b>MCW0078</b>	MCW0216	1.000
<b>MCW0081</b>	MCW0216	0.033
<b>LEI0192</b>	MCW0216	1.000
<b>MCW0014</b>	MCW0216	N/A
<b>MCW0183</b>	MCW0216	1.000
<b>ADL0278</b>	MCW0216	0.485
<b>MCW0067</b>	MCW0216	1.000
<b>ADL0112</b>	MCW0216	1.000
<b>MCW0248</b>	MCW0104	1.000
<b>MCW0111</b>	MCW0104	0.589
<b>ADL0268</b>	MCW0104	0.031

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
<b>LEI0234</b>	MCW0104	N/A
<b>MCW0206</b>	MCW0104	1.000
<b>MCW0034</b>	MCW0104	0.929
<b>MCW0222</b>	MCW0104	0.626
<b>MCW0103</b>	MCW0104	0.293
<b>MCW0016</b>	MCW0104	1.000
<b>LEI0166</b>	MCW0104	0.397
<b>MCW0037</b>	MCW0104	1.000
<b>MCW0295</b>	MCW0104	0.508
<b>LEI0094</b>	MCW0104	0.789
<b>MCW0098</b>	MCW0104	1.000
<b>MCW0078</b>	MCW0104	1.000
<b>MCW0081</b>	MCW0104	0.026
<b>LEI0192</b>	MCW0104	0.374
<b>MCW0014</b>	MCW0104	0.605
<b>MCW0183</b>	MCW0104	1.000
<b>ADL0278</b>	MCW0104	0.030
<b>MCW0067</b>	MCW0104	0.315
<b>ADL0112</b>	MCW0104	0.502
<b>MCW0216</b>	MCW0104	0.065
<b>MCW0248</b>	MCW0123	1.000
<b>MCW0111</b>	MCW0123	1.000
<b>ADL0268</b>	MCW0123	0.862
<b>LEI0234</b>	MCW0123	N/A
<b>MCW0206</b>	MCW0123	1.000
<b>MCW0034</b>	MCW0123	1.000
<b>MCW0222</b>	MCW0123	0.644
<b>MCW0103</b>	MCW0123	0.795
<b>MCW0016</b>	MCW0123	1.000
<b>LEI0166</b>	MCW0123	0.362
<b>MCW0037</b>	MCW0123	0.634
<b>MCW0295</b>	MCW0123	1.000
<b>LEI0094</b>	MCW0123	0.735
<b>MCW0098</b>	MCW0123	0.238
<b>MCW0078</b>	MCW0123	0.907
<b>MCW0081</b>	MCW0123	0.161
<b>LEI0192</b>	MCW0123	1.000
<b>MCW0014</b>	MCW0123	0.559
<b>MCW0183</b>	MCW0123	1.000
<b>ADL0278</b>	MCW0123	0.184
<b>MCW0067</b>	MCW0123	1.000
<b>ADL0112</b>	MCW0123	0.665
<b>MCW0216</b>	MCW0123	0.278

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0104	MCW0123	0.273
MCW0248	MCW0330	1.000
MCW0111	MCW0330	0.620
ADL0268	MCW0330	0.496
LEI0234	MCW0330	N/A
MCW0206	MCW0330	0.373
MCW0034	MCW0330	0.339
MCW0222	MCW0330	0.216
MCW0103	MCW0330	1.000
MCW0016	MCW0330	1.000
LEI0166	MCW0330	1.000
MCW0037	MCW0330	0.892
MCW0295	MCW0330	0.602
LEI0094	MCW0330	0.891
MCW0098	MCW0330	0.346
MCW0078	MCW0330	0.903
MCW0081	MCW0330	0.916
LEI0192	MCW0330	1.000
MCW0014	MCW0330	1.000
MCW0183	MCW0330	0.530
ADL0278	MCW0330	0.358
MCW0067	MCW0330	0.374
ADL0112	MCW0330	0.910
MCW0216	MCW0330	1.000
MCW0104	MCW0330	0.494
MCW0123	MCW0330	1.000
MCW0248	MCW0165	0.771
MCW0111	MCW0165	0.433
ADL0268	MCW0165	0.524
LEI0234	MCW0165	N/A
MCW0206	MCW0165	1.000
MCW0034	MCW0165	0.568
MCW0222	MCW0165	0.281
MCW0103	MCW0165	0.129
MCW0016	MCW0165	0.853
LEI0166	MCW0165	0.853
MCW0037	MCW0165	1.000
MCW0295	MCW0165	0.581
LEI0094	MCW0165	0.791
MCW0098	MCW0165	0.444
MCW0078	MCW0165	0.488
MCW0081	MCW0165	0.049
LEI0192	MCW0165	0.523



<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0014	MCW0165	1.000
MCW0183	MCW0165	0.714
ADL0278	MCW0165	0.679
MCW0067	MCW0165	0.143
ADL0112	MCW0165	0.142
MCW0216	MCW0165	0.201
MCW0104	MCW0165	0.279
MCW0123	MCW0165	0.524
MCW0330	MCW0165	0.710
MCW0248	MCW0069	1.000
MCW0111	MCW0069	0.124
ADL0268	MCW0069	0.981
LEI0234	MCW0069	N/A
MCW0206	MCW0069	0.218
MCW0034	MCW0069	0.332
MCW0222	MCW0069	0.628
MCW0103	MCW0069	1.000
MCW0016	MCW0069	0.017
LEI0166	MCW0069	0.223
MCW0037	MCW0069	0.898
MCW0295	MCW0069	0.859
LEI0094	MCW0069	0.454
MCW0098	MCW0069	0.516
MCW0078	MCW0069	0.014
MCW0081	MCW0069	0.914
LEI0192	MCW0069	0.565
MCW0014	MCW0069	0.718
MCW0183	MCW0069	1.000
ADL0278	MCW0069	1.000
MCW0067	MCW0069	1.000
ADL0112	MCW0069	1.000
MCW0216	MCW0069	1.000
MCW0104	MCW0069	1.000
MCW0123	MCW0069	1.000
MCW0330	MCW0069	1.000
MCW0165	MCW0069	0.516