

**Table S9.** Pairwise differentiation of linkage disequilibrium of Samae Dam chickens derived from the Department of Livestock, Uthai Thani (SD1) based on 28 microsatellite loci

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0248	MCW0111	0.537
MCW0248	ADL0268	0.001
MCW0111	ADL0268	0.327
MCW0248	LEI0234	0.084
MCW0111	LEI0234	0.925
ADL0268	LEI0234	0.770
MCW0248	MCW0206	0.000
MCW0111	MCW0206	0.846
ADL0268	MCW0206	0.004
LEI0234	MCW0206	0.076
MCW0248	MCW0034	0.111
MCW0111	MCW0034	0.521
ADL0268	MCW0034	0.634
LEI0234	MCW0034	0.815
MCW0206	MCW0034	0.493
MCW0248	MCW0222	0.005
MCW0111	MCW0222	0.171
ADL0268	MCW0222	0.280
LEI0234	MCW0222	0.049
MCW0206	MCW0222	0.000
MCW0034	MCW0222	0.061
MCW0248	MCW0103	0.091
MCW0111	MCW0103	1.000
ADL0268	MCW0103	1.000
LEI0234	MCW0103	1.000
MCW0206	MCW0103	0.864
MCW0034	MCW0103	0.119
MCW0222	MCW0103	0.588
MCW0248	MCW0016	0.001
MCW0111	MCW0016	0.182
ADL0268	MCW0016	0.250
LEI0234	MCW0016	0.052
MCW0206	MCW0016	0.000
MCW0034	MCW0016	0.012
MCW0222	MCW0016	0.003
MCW0103	MCW0016	1.000
MCW0248	LEI0166	0.000
MCW0111	LEI0166	1.000
ADL0268	LEI0166	0.075
LEI0234	LEI0166	0.001
MCW0206	LEI0166	0.004

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0034	LEI0166	0.048
MCW0222	LEI0166	0.646
MCW0103	LEI0166	0.190
MCW0016	LEI0166	0.011
MCW0248	MCW0037	0.004
MCW0111	MCW0037	1.000
ADL0268	MCW0037	0.049
LEI0234	MCW0037	0.033
MCW0206	MCW0037	0.006
MCW0034	MCW0037	0.012
MCW0222	MCW0037	1.000
MCW0103	MCW0037	0.657
MCW0016	MCW0037	0.036
LEI0166	MCW0037	0.362
MCW0248	MCW0295	0.000
MCW0111	MCW0295	0.655
ADL0268	MCW0295	0.033
LEI0234	MCW0295	0.309
MCW0206	MCW0295	0.002
MCW0034	MCW0295	0.060
MCW0222	MCW0295	0.423
MCW0103	MCW0295	0.193
MCW0016	MCW0295	0.002
LEI0166	MCW0295	0.176
MCW0037	MCW0295	0.000
MCW0248	LEI0094	0.000
MCW0111	LEI0094	0.747
ADL0268	LEI0094	0.002
LEI0234	LEI0094	0.000
MCW0206	LEI0094	0.000
MCW0034	LEI0094	0.006
MCW0222	LEI0094	0.001
MCW0103	LEI0094	0.614
MCW0016	LEI0094	0.000
LEI0166	LEI0094	0.000
MCW0037	LEI0094	0.000
MCW0295	LEI0094	0.000
MCW0248	MCW0098	0.005
MCW0111	MCW0098	0.250
ADL0268	MCW0098	0.106
LEI0234	MCW0098	0.234
MCW0206	MCW0098	0.000
MCW0034	MCW0098	0.060

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0222	MCW0098	0.000
MCW0103	MCW0098	0.649
MCW0016	MCW0098	0.001
LEI0166	MCW0098	0.362
MCW0037	MCW0098	0.627
MCW0295	MCW0098	0.350
LEI0094	MCW0098	0.001
MCW0248	MCW0078	1.000
MCW0111	MCW0078	1.000
ADL0268	MCW0078	1.000
LEI0234	MCW0078	0.497
MCW0206	MCW0078	1.000
MCW0034	MCW0078	0.651
MCW0222	MCW0078	1.000
MCW0103	MCW0078	1.000
MCW0016	MCW0078	0.500
LEI0166	MCW0078	1.000
MCW0037	MCW0078	1.000
MCW0295	MCW0078	1.000
LEI0094	MCW0078	1.000
MCW0098	MCW0078	1.000
MCW0248	MCW0081	0.002
MCW0111	MCW0081	0.209
ADL0268	MCW0081	0.212
LEI0234	MCW0081	0.022
MCW0206	MCW0081	0.000
MCW0034	MCW0081	0.017
MCW0222	MCW0081	0.003
MCW0103	MCW0081	1.000
MCW0016	MCW0081	0.000
LEI0166	MCW0081	0.067
MCW0037	MCW0081	0.167
MCW0295	MCW0081	0.006
LEI0094	MCW0081	0.001
MCW0098	MCW0081	0.001
MCW0078	MCW0081	1.000
MCW0248	LEI0192	0.021
MCW0111	LEI0192	0.475
ADL0268	LEI0192	0.004
LEI0234	LEI0192	0.064
MCW0206	LEI0192	0.000
MCW0034	LEI0192	0.249
MCW0222	LEI0192	0.001

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0103	LEI0192	1.000
MCW0016	LEI0192	0.006
LEI0166	LEI0192	0.117
MCW0037	LEI0192	0.113
MCW0295	LEI0192	0.026
LEI0094	LEI0192	0.000
MCW0098	LEI0192	0.003
MCW0078	LEI0192	1.000
MCW0081	LEI0192	0.001
MCW0248	MCW0014	0.001
MCW0111	MCW0014	0.675
ADL0268	MCW0014	0.141
LEI0234	MCW0014	0.131
MCW0206	MCW0014	0.000
MCW0034	MCW0014	0.073
MCW0222	MCW0014	0.002
MCW0103	MCW0014	0.763
MCW0016	MCW0014	0.000
LEI0166	MCW0014	0.001
MCW0037	MCW0014	0.221
MCW0295	MCW0014	0.025
LEI0094	MCW0014	0.000
MCW0098	MCW0014	0.001
MCW0078	MCW0014	1.000
MCW0081	MCW0014	0.000
LEI0192	MCW0014	0.034
MCW0248	MCW0183	0.005
MCW0111	MCW0183	0.169
ADL0268	MCW0183	0.281
LEI0234	MCW0183	0.055
MCW0206	MCW0183	0.000
MCW0034	MCW0183	0.055
MCW0222	MCW0183	0.000
MCW0103	MCW0183	0.592
MCW0016	MCW0183	0.003
LEI0166	MCW0183	0.644
MCW0037	MCW0183	1.000
MCW0295	MCW0183	0.420
LEI0094	MCW0183	0.001
MCW0098	MCW0183	0.000
MCW0078	MCW0183	1.000
MCW0081	MCW0183	0.003
LEI0192	MCW0183	0.002

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0014	MCW0183	0.003
MCW0248	ADL0278	0.304
MCW0111	ADL0278	0.334
ADL0268	ADL0278	0.106
LEI0234	ADL0278	0.816
MCW0206	ADL0278	0.356
MCW0034	ADL0278	0.931
MCW0222	ADL0278	1.000
MCW0103	ADL0278	1.000
MCW0016	ADL0278	1.000
LEI0166	ADL0278	1.000
MCW0037	ADL0278	0.351
MCW0295	ADL0278	0.405
LEI0094	ADL0278	0.261
MCW0098	ADL0278	0.121
MCW0078	ADL0278	1.000
MCW0081	ADL0278	1.000
LEI0192	ADL0278	0.654
MCW0014	ADL0278	0.396
MCW0183	ADL0278	1.000
MCW0248	MCW0067	0.000
MCW0111	MCW0067	0.063
ADL0268	MCW0067	0.061
LEI0234	MCW0067	0.034
MCW0206	MCW0067	0.005
MCW0034	MCW0067	0.027
MCW0222	MCW0067	0.373
MCW0103	MCW0067	0.171
MCW0016	MCW0067	0.001
LEI0166	MCW0067	0.000
MCW0037	MCW0067	0.265
MCW0295	MCW0067	0.024
LEI0094	MCW0067	0.000
MCW0098	MCW0067	0.280
MCW0078	MCW0067	1.000
MCW0081	MCW0067	0.001
LEI0192	MCW0067	0.073
MCW0014	MCW0067	0.000
MCW0183	MCW0067	0.370
ADL0278	MCW0067	0.937
MCW0248	ADL0112	0.268
MCW0111	ADL0112	0.012
ADL0268	ADL0112	0.242

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
<b>LEI0234</b>	ADL0112	0.698
<b>MCW0206</b>	ADL0112	0.443
<b>MCW0034</b>	ADL0112	0.554
<b>MCW0222</b>	ADL0112	0.108
<b>MCW0103</b>	ADL0112	1.000
<b>MCW0016</b>	ADL0112	0.580
<b>LEI0166</b>	ADL0112	0.578
<b>MCW0037</b>	ADL0112	0.635
<b>MCW0295</b>	ADL0112	0.844
<b>LEI0094</b>	ADL0112	0.135
<b>MCW0098</b>	ADL0112	0.238
<b>MCW0078</b>	ADL0112	0.687
<b>MCW0081</b>	ADL0112	0.583
<b>LEI0192</b>	ADL0112	0.344
<b>MCW0014</b>	ADL0112	0.877
<b>MCW0183</b>	ADL0112	0.109
<b>ADL0278</b>	ADL0112	0.831
<b>MCW0067</b>	ADL0112	0.782
<b>MCW0248</b>	MCW0216	0.238
<b>MCW0111</b>	MCW0216	0.333
<b>ADL0268</b>	MCW0216	0.168
<b>LEI0234</b>	MCW0216	0.034
<b>MCW0206</b>	MCW0216	0.220
<b>MCW0034</b>	MCW0216	0.454
<b>MCW0222</b>	MCW0216	0.147
<b>MCW0103</b>	MCW0216	1.000
<b>MCW0016</b>	MCW0216	0.020
<b>LEI0166</b>	MCW0216	0.127
<b>MCW0037</b>	MCW0216	0.021
<b>MCW0295</b>	MCW0216	0.208
<b>LEI0094</b>	MCW0216	0.045
<b>MCW0098</b>	MCW0216	0.308
<b>MCW0078</b>	MCW0216	0.198
<b>MCW0081</b>	MCW0216	0.072
<b>LEI0192</b>	MCW0216	0.064
<b>MCW0014</b>	MCW0216	0.877
<b>MCW0183</b>	MCW0216	0.150
<b>ADL0278</b>	MCW0216	0.881
<b>MCW0067</b>	MCW0216	0.431
<b>ADL0112</b>	MCW0216	0.454
<b>MCW0248</b>	MCW0104	0.420
<b>MCW0111</b>	MCW0104	0.178
<b>ADL0268</b>	MCW0104	0.206

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
<b>LEI0234</b>	MCW0104	0.680
<b>MCW0206</b>	MCW0104	0.162
<b>MCW0034</b>	MCW0104	1.000
<b>MCW0222</b>	MCW0104	0.790
<b>MCW0103</b>	MCW0104	1.000
<b>MCW0016</b>	MCW0104	0.727
<b>LEI0166</b>	MCW0104	0.326
<b>MCW0037</b>	MCW0104	0.772
<b>MCW0295</b>	MCW0104	0.599
<b>LEI0094</b>	MCW0104	0.292
<b>MCW0098</b>	MCW0104	0.674
<b>MCW0078</b>	MCW0104	1.000
<b>MCW0081</b>	MCW0104	0.795
<b>LEI0192</b>	MCW0104	0.016
<b>MCW0014</b>	MCW0104	0.292
<b>MCW0183</b>	MCW0104	0.805
<b>ADL0278</b>	MCW0104	0.102
<b>MCW0067</b>	MCW0104	0.438
<b>ADL0112</b>	MCW0104	0.492
<b>MCW0216</b>	MCW0104	0.718
<b>MCW0248</b>	MCW0123	N/A
<b>MCW0111</b>	MCW0123	N/A
<b>ADL0268</b>	MCW0123	N/A
<b>LEI0234</b>	MCW0123	N/A
<b>MCW0206</b>	MCW0123	N/A
<b>MCW0034</b>	MCW0123	N/A
<b>MCW0222</b>	MCW0123	N/A
<b>MCW0103</b>	MCW0123	N/A
<b>MCW0016</b>	MCW0123	N/A
<b>LEI0166</b>	MCW0123	N/A
<b>MCW0037</b>	MCW0123	N/A
<b>MCW0295</b>	MCW0123	N/A
<b>LEI0094</b>	MCW0123	N/A
<b>MCW0098</b>	MCW0123	N/A
<b>MCW0078</b>	MCW0123	N/A
<b>MCW0081</b>	MCW0123	N/A
<b>LEI0192</b>	MCW0123	N/A
<b>MCW0014</b>	MCW0123	N/A
<b>MCW0183</b>	MCW0123	N/A
<b>ADL0278</b>	MCW0123	N/A
<b>MCW0067</b>	MCW0123	N/A
<b>ADL0112</b>	MCW0123	N/A
<b>MCW0216</b>	MCW0123	N/A

<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0104	MCW0123	N/A
MCW0248	MCW0330	0.035
MCW0111	MCW0330	0.331
ADL0268	MCW0330	0.394
LEI0234	MCW0330	0.794
MCW0206	MCW0330	0.169
MCW0034	MCW0330	0.324
MCW0222	MCW0330	0.698
MCW0103	MCW0330	0.142
MCW0016	MCW0330	0.116
LEI0166	MCW0330	0.227
MCW0037	MCW0330	0.022
MCW0295	MCW0330	0.002
LEI0094	MCW0330	0.112
MCW0098	MCW0330	0.201
MCW0078	MCW0330	1.000
MCW0081	MCW0330	0.117
LEI0192	MCW0330	0.521
MCW0014	MCW0330	0.110
MCW0183	MCW0330	0.697
ADL0278	MCW0330	0.111
MCW0067	MCW0330	0.058
ADL0112	MCW0330	0.955
MCW0216	MCW0330	0.998
MCW0104	MCW0330	0.520
MCW0123	MCW0330	N/A
MCW0248	MCW0165	0.470
MCW0111	MCW0165	1.000
ADL0268	MCW0165	0.290
LEI0234	MCW0165	0.780
MCW0206	MCW0165	0.091
MCW0034	MCW0165	1.000
MCW0222	MCW0165	0.590
MCW0103	MCW0165	1.000
MCW0016	MCW0165	1.000
LEI0166	MCW0165	0.708
MCW0037	MCW0165	0.146
MCW0295	MCW0165	0.283
LEI0094	MCW0165	0.075
MCW0098	MCW0165	0.035
MCW0078	MCW0165	1.000
MCW0081	MCW0165	0.477
LEI0192	MCW0165	0.086



<b>Locus 1</b>	<b>Locus 2</b>	<b><i>p</i>-value</b>
MCW0014	MCW0165	0.241
MCW0183	MCW0165	0.588
ADL0278	MCW0165	0.133
MCW0067	MCW0165	0.812
ADL0112	MCW0165	0.680
MCW0216	MCW0165	0.888
MCW0104	MCW0165	0.301
MCW0123	MCW0165	N/A
MCW0330	MCW0165	0.061
MCW0248	MCW0069	0.000
MCW0111	MCW0069	1.000
ADL0268	MCW0069	0.237
LEI0234	MCW0069	0.013
MCW0206	MCW0069	0.000
MCW0034	MCW0069	0.088
MCW0222	MCW0069	0.001
MCW0103	MCW0069	0.408
MCW0016	MCW0069	0.095
LEI0166	MCW0069	0.005
MCW0037	MCW0069	0.140
MCW0295	MCW0069	0.009
LEI0094	MCW0069	0.000
MCW0098	MCW0069	0.001
MCW0078	MCW0069	1.000
MCW0081	MCW0069	0.143
LEI0192	MCW0069	0.015
MCW0014	MCW0069	0.024
MCW0183	MCW0069	0.001
ADL0278	MCW0069	0.534
MCW0067	MCW0069	0.012
ADL0112	MCW0069	0.211
MCW0216	MCW0069	0.712
MCW0104	MCW0069	0.496
MCW0123	MCW0069	N/A
MCW0330	MCW0069	0.165
MCW0165	MCW0069	0.314