

**Supplementary Table 6.**  $F_{ST}$  and  $H_o$  for each locus across 55 Indian

Gene	Chromosome	SNP ID	$H_o$	$F_{ST}$
ABCC1	16	rs152022	0.346	0.027
ABCC1	16	rs129116	0.353	0.046
ABCC1	16	rs246221	0.338	0.068
ADH1B	4	rs1789882	0.912	0.002
ADH1B	4	rs1229983	0.094	0.017
ADH1B	4	rs1042026	0.493	0.022
ADH1B	4	rs4147536	0.431	0.038
ADH1B	4	rs17033	0.116	0.060
ADRB2	5	rs1042718	0.438	0.018
ADRB2	5	rs1042719	0.489	0.020
ADRB2	5	rs1042713	0.441	0.027
ADRB2	5	rs1042717	0.400	0.031
ADRB2	5	rs1042711	0.230	0.039
ADRB2	5	rs1042714	0.273	0.039
AGER	6	rs204996	0.132	0.029
AGER	6	rs1800624	0.245	0.048
AGT	1	rs11568023	0.038	0.033
AGT	1	rs4762	0.198	0.033
APCS	1	rs2808662	0.366	0.054
APCS	1	rs3753870	0.409	0.093
APCS	1	rs3753868	0.317	0.115
APOA5	11	rs651821	0.223	0.020
APOA5	11	rs2075294	0.109	0.029
APOA5	11	rs2072560	0.253	0.030
APOA5	11	rs619054	0.168	0.040
APOA5	11	rs662799	0.223	0.072
ATP7B	13	l000020	0.012	0.008
ATP7B	13	rs2147363	0.498	0.016
ATP7B	13	rs1061472	0.455	0.018
ATP7B	13	rs732774	0.424	0.019
ATP7B	13	rs1801243	0.441	0.039
CASP3	4	rs1049253	0.169	0.020
CASP3	4	rs4647627	0.432	0.027
CASP8AP2	6	rs3734656	0.007	0.004
CASP8AP2	6	rs9344964	0.400	0.018
CASP8AP2	6	rs2777849	0.260	0.022
CASP8AP2	6	rs392915	0.266	0.022
CASP8AP2	6	rs457665	0.433	0.033
CBS	21	rs706209	0.486	0.012
CBS	21	rs1005585	0.169	0.021
CBS	21	rs6586281	0.148	0.026
CBS	21	rs234706	0.293	0.030
CBS	21	l000016	0.125	0.032
CCL11	17	rs4795898	0.136	0.013
CCL11	17	rs3815341	0.392	0.022

CCL11	17	rs3744508	0.235	0.034
CCL11	17	rs4795896	0.302	0.079
CD14	5	rs2569190	0.504	0.019
CD36	7	rs1405747	0.446	0.037
CNP	17	rs2070106	0.468	0.015
CNP	17	rs8078650	0.278	0.046
COMT	22	rs3788319	0.485	0.026
COMT	22	rs740603	0.440	0.033
COMT	22	rs4633	0.462	0.040
COPA	1	rs6699059	0.175	0.033
COPA	1	rs1317944	0.410	0.039
COPA	1	rs3789042	0.458	0.039
COPA	1	rs1802778	0.444	0.040
COPA	1	rs1886419	0.414	0.040
COPA	1	rs2298104	0.451	0.046
COPA	1	rs1886417	0.451	0.064
CRP	1	rs1205	0.447	0.027
CRP	1	rs2794521	0.409	0.045
CTSB	8	rs1000109	0.063	0.012
CTSB	8	rs4292649	0.537	0.018
CTSB	8	rs1293291	0.500	0.023
CTSB	8	rs1293292	0.249	0.036
CYP11B2	8	rs4538	0.824	0.005
CYP1B1	2	rs162549	0.170	0.025
CYP1B1	2	rs2855658	0.254	0.038
CYP1B1	2	rs1056836	0.331	0.042
CYP1B1	2	rs1056827	0.419	0.044
FCGR2A	1	rs373611	0.974	0.001
FCGR2A	1	rs385347	0.940	0.002
FCGR2A	1	rs1659536	0.981	0.018
FCGR2A	1	rs1801274	0.449	0.031
FCGR2A	1	rs13878	0.358	0.047
G22P1	22	rs132786	0.823	0.012
G22P1	22	rs2267437	0.431	0.042
G22P1	22	rs132788	0.420	0.045
G22P1	22	rs132779	0.753	0.056
GDAP1	8	rs3780014	0.508	0.013
GDAP1	8	rs3780013	0.345	0.017
GDAP1	8	rs7000984	0.343	0.017
GDAP1	8	rs16938889	0.364	0.029
GDAP1	8	rs4410896	0.612	0.029
GDAP1	8	rs16938893	0.308	0.033
GDAP1	8	rs12545409	0.410	0.037
Genomic region	22	rs137653	0.451	0.003
Genomic region	22	rs2267378	0.446	0.009
Genomic region	22	rs2072795	0.419	0.010
Genomic region	22	rs6001184	0.423	0.010
Genomic region	22	rs1028320	0.452	0.012

Genomic region	22	rs2284058	0.391	0.012
Genomic region	22	rs5758645	0.505	0.012
Genomic region	22	rs7245	0.509	0.012
Genomic region	22	l000182	0.068	0.013
Genomic region	22	rs139859	0.423	0.013
Genomic region	22	rs1569858	0.413	0.013
Genomic region	22	rs2284090	0.468	0.013
Genomic region	22	rs34943118	0.349	0.013
Genomic region	22	rs2294976	0.187	0.014
Genomic region	22	rs2899295	0.449	0.014
Genomic region	22	rs9622726	0.495	0.014
Genomic region	22	rs1057157	0.455	0.015
Genomic region	22	rs2413546	0.420	0.015
Genomic region	22	rs134883	0.447	0.016
Genomic region	22	rs139866	0.440	0.016
Genomic region	22	rs2013157	0.504	0.016
Genomic region	22	rs2285178	0.489	0.016
Genomic region	22	rs2267443	0.478	0.017
Genomic region	22	rs469986	0.436	0.017
Genomic region	22	rs735306	0.486	0.017
Genomic region	22	rs3788597	0.478	0.018
Genomic region	22	rs133281	0.500	0.019
Genomic region	22	rs2280975	0.475	0.019
Genomic region	22	rs737662	0.462	0.019
Genomic region	22	rs136832	0.120	0.020
Genomic region	22	rs4821711	0.498	0.020
Genomic region	22	rs714002	0.304	0.020
Genomic region	22	rs4820461	0.472	0.021
Genomic region	22	rs3026677	0.469	0.022
Genomic region	22	rs3747194	0.428	0.022
Genomic region	22	rs5757465	0.488	0.022
Genomic region	22	rs741977	0.484	0.022
Genomic region	22	rs1894714	0.198	0.023
Genomic region	22	rs2267374	0.401	0.024
Genomic region	22	rs470077	0.258	0.024
Genomic region	22	rs5751061	0.376	0.024
Genomic region	22	rs738379	0.432	0.024
Genomic region	22	rs139842	0.452	0.025
Genomic region	22	rs763000	0.492	0.025
Genomic region	22	rs2076089	0.374	0.026
Genomic region	22	rs2743468	0.441	0.026
Genomic region	22	rs1033460	0.247	0.027
Genomic region	22	rs1569646	0.398	0.027
Genomic region	22	rs133302	0.344	0.028
Genomic region	22	rs2076028	0.431	0.028
Genomic region	22	rs2267438	0.326	0.028
Genomic region	22	rs2267477	0.468	0.028
Genomic region	22	rs470112	0.437	0.028

Genomic region	22	rs139492	0.372	0.029
Genomic region	22	rs10135	0.457	0.030
Genomic region	22	rs130649	0.221	0.030
Genomic region	22	rs1799932	0.409	0.030
Genomic region	22	rs5756843	0.481	0.031
Genomic region	22	rs1883991	0.394	0.032
Genomic region	22	rs4821893	0.158	0.032
Genomic region	22	rs739141	0.171	0.032
Genomic region	22	rs2076196	0.314	0.034
Genomic region	22	rs135750	0.206	0.036
Genomic region	22	rs1569451	0.299	0.038
Genomic region	22	rs79503	0.452	0.038
Genomic region	22	rs713639	0.380	0.039
Genomic region	22	rs133335	0.497	0.040
Genomic region	22	rs760700	0.260	0.040
Genomic region	22	rs133349	0.484	0.042
Genomic region	22	rs738534	0.448	0.042
Genomic region	22	rs713689	0.450	0.044
Genomic region	22	l000181	0.265	0.048
Genomic region	22	rs139398	0.421	0.049
Genomic region	22	rs998483	0.437	0.049
Genomic region	22	rs7290134	0.447	0.051
Genomic region	22	rs4512	0.291	0.052
Genomic region	22	rs909680	0.378	0.055
Genomic region	22	rs2018393	0.482	0.056
Genomic region	22	rs5758077	0.467	0.056
Genomic region	22	rs738288	0.361	0.057
Genomic region	22	rs2267432	0.314	0.058
Genomic region	22	rs5750929	0.336	0.058
Genomic region	22	rs2267465	0.394	0.063
Genomic region	22	rs137116	0.433	0.064
Genomic region	22	rs2024566	0.406	0.071
Genomic region	22	rs2269665	0.178	0.071
Genomic region	22	rs118026	0.434	0.087
<i>HBB</i>	11	rs12574989	0.156	0.023
<i>HBB</i>	11	rs7110263	0.485	0.038
<i>HBB</i>	11	rs10768683	0.480	0.039
<i>HBB</i>	11	rs7480526	0.404	0.061
<i>HBB</i>	11	R000029	0.043	0.161
<i>HSD11B1</i>	1	rs1000283	0.228	0.020
<i>HSD11B1</i>	1	rs932335	0.236	0.022
<i>HSD11B1</i>	1	rs2236902	0.246	0.059
<i>HSD11B1</i>	1	rs2298930	0.242	0.066
<i>ICAM1</i>	19	rs2071440	0.061	0.029
<i>ICAM1</i>	19	rs5030340	0.112	0.037
<i>ICAM1</i>	19	rs5491	0.084	0.046
<i>ICAM1</i>	19	l000187	0.070	0.047
<i>IL10</i>	1	rs3024500	0.336	0.037

IL10	1	rs3024496	0.291	0.042
IL10	1	rs1518110	0.483	0.046
IL10	1	rs1800872	0.450	0.049
IL10	1	rs1878672	0.317	0.050
IL1B	2	rs1143629	0.522	0.019
IL1B	2	rs1143627	0.419	0.025
IL1B	2	rs3136558	0.288	0.030
IL1B	2	rs1143643	0.304	0.059
IL4R	16	l000042	0.090	0.012
IL4R	16	rs2074572	0.438	0.012
IL4R	16	rs2072130	0.491	0.019
IL4R	16	rs8832	0.463	0.031
IL4R	16	l000050	0.453	0.035
IL4R	16	rs1801275	0.158	0.043
IL4R	16	rs2234900	0.153	0.059
IL4R	16	rs2074571	0.076	0.096
IL6	7	rs1800795	0.188	0.038
IL6	7	rs2069832	0.181	0.038
IL6	7	rs1554606	0.260	0.040
IL6	7	rs2069845	0.271	0.054
IL8	4	rs1126647	0.417	0.020
IL8	4	rs2227307	0.433	0.067
IL9	5	rs31564	0.471	0.028
IL9	5	rs2069882	0.251	0.033
IL9	5	rs2069885	0.204	0.035
KCNJ11	11	rs5215	0.442	0.034
KCNJ11	11	rs5219	0.453	0.036
KCNJ11	11	rs5213	0.429	0.044
KCNJ11	11	rs5218	0.300	0.050
KCNJ11	11	l000144	0.136	0.076
MAD1L1	7	rs1801368	0.459	0.039
MAD1L1	7	rs3757439	0.475	0.055
MAT1A	10	rs9421467	0.062	0.013
MAT1A	10	rs2993763	0.475	0.019
MAT1A	10	rs1890578	0.260	0.026
MAT1A	10	rs2236569	0.226	0.027
MAT1A	10	rs2282367	0.211	0.027
MAT1A	10	rs2236568	0.462	0.029
MAT1A	10	rs10788546	0.243	0.035
MAT1A	10	rs1985908	0.452	0.092
MAT1A	10	rs4934028	0.396	0.145
MBL2	10	rs12246310	0.361	0.021
MBL2	10	rs1800450	0.296	0.028
MGAT3	22	rs2009774	0.462	0.005
MGAT3	22	rs6519193	0.253	0.017
MGAT3	22	rs2899319	0.328	0.051
MGAT3	22	rs738285	0.144	0.059
MGAT3	22	rs9611185	0.469	0.243

MLC1	22	SS1633916	0.246	0.018
MLC1	22	rs137930	0.301	0.022
MLC1	22	rs2235349	0.425	0.028
MLC1	22	SS1633916	0.292	0.037
MLC1	22	rs2076137	0.247	0.048
MLC1	22	rs6010260	0.751	0.074
MPZ	1	rs11579939	0.169	0.011
MPZ	1	rs7550839	0.343	0.012
MPZ	1	rs16832790	0.276	0.020
MPZ	1	rs7551761	0.413	0.029
MS4A2	11	rs569108	0.154	0.030
MS4A2	11	rs2583471	0.474	0.038
MS4A2	11	rs2583476	0.483	0.038
MS4A2	11	rs2847666	0.441	0.040
MS4A2	11	rs2847655	0.445	0.048
MTHFR	1	rs3766747	0.254	0.025
MTHFR	1	rs3753582	0.304	0.027
MTHFR	1	rs2066470	0.274	0.030
MTHFR	1	l000156	0.120	0.032
MTHFR	1	rs1537516	0.323	0.045
MTHFR	1	rs1801133	0.234	0.047
MTHFR	1	rs4846052	0.296	0.062
MTHFR	1	rs2274976	0.269	0.075
MYOC	1	rs235873	0.452	0.020
MYOC	1	rs235869	0.452	0.023
MYOC	1	rs171002	0.329	0.027
MYOC	1	rs2234926	0.406	0.075
NAT2	8	rs1799930	0.458	0.019
NAT2	8	rs4646246	0.318	0.027
NAT2	8	rs1041983	0.449	0.031
NAT2	8	rs1801280	0.564	0.038
NAT2	8	rs1208	0.403	0.046
NOS2A	17	rs3730013	0.476	0.014
NOS2A	17	rs3729717	0.047	0.020
NOS2A	17	rs9282801	0.433	0.020
NOS2A	17	rs2297518	0.194	0.024
NOS2A	17	rs3729508	0.401	0.028
NOS2A	17	rs3730230	0.877	0.030
NOS2A	17	rs2297520	0.404	0.034
NOS2A	17	R000007	0.442	0.037
OPRM1	6	rs1799971	0.470	0.050
OPTC	1	rs4971242	0.323	0.011
OPTC	1	rs4246546	0.290	0.014
OPTC	1	rs2306151	0.285	0.015
OPTC	1	rs747672	0.524	0.041
OPTN	10	rs1561570	0.506	0.026
OPTN	10	rs765884	0.334	0.031
OPTN	10	rs2234968	0.352	0.044

P53	17	rs1042522	0.477	0.024
P53	17	rs1625895	0.270	0.027
P53	17	rs1642785	0.494	0.027
P53	17	rs1641549	0.137	0.030
PARK2	6	rs2075923	0.349	0.031
PARK2	6	rs3765474	0.496	0.032
PARK2	6	rs4454114	0.405	0.052
PARK2	6	rs1801474	0.203	0.077
PAX4	7	rs712702	0.013	0.002
PAX4	7	rs712700	0.437	0.042
PAX4	7	rs327518	0.389	0.046
PAX4	7	rs327516	0.398	0.056
Pde5a	4	rs3733526	0.227	0.016
Pde5a	4	rs3733525	0.286	0.027
Pde5a	4	rs1010739	0.295	0.028
Pde5a	4	l000173	0.283	0.030
PEO1	10	rs3740487	0.383	0.015
PEO1	10	rs3824783	0.433	0.016
PEO1	10	rs3740485	0.028	0.059
PEO1	10	rs3740486	0.048	0.071
PMP22	17	rs230911	0.481	0.008
PMP22	17	rs230915	0.411	0.012
PMP22	17	rs231030	0.510	0.014
PMP22	17	rs230950	0.492	0.015
PMP22	17	rs230947	0.472	0.017
PMP22	17	rs231020	0.498	0.017
PMP22	17	rs231023	0.501	0.018
PMP22	17	rs13422	0.498	0.022
PPARG	3	rs2938395	0.347	0.021
PPARG	3	rs709149	0.358	0.021
PPARG	3	rs2959273	0.351	0.023
PPARG	3	rs2028759	0.361	0.025
PPARG	3	rs3856806	0.233	0.025
PPARG	3	l000059	0.176	0.029
PPARG	3	rs2938392	0.395	0.030
PPARG	3	rs1175542	0.422	0.031
PPARG	3	rs709158	0.294	0.034
PPARG	3	rs1801282	0.178	0.035
PPP2R2B	5	rs319215	0.393	0.007
PPP2R2B	5	rs4552686	0.421	0.011
PPP2R2B	5	rs319156	0.505	0.014
PPP2R2B	5	rs319177	0.488	0.014
PPP2R2B	5	rs930214	0.447	0.014
PPP2R2B	5	rs249904	0.483	0.016
PPP2R2B	5	rs9325024	0.452	0.017
PPP2R2B	5	rs2400232	0.409	0.020
PPP2R2B	5	rs161042	0.222	0.021
PPP2R2B	5	rs2446369	0.472	0.021

PPP2R2B	5	rs7446269	0.489	0.021
PPP2R2B	5	rs7716557	0.317	0.021
PPP2R2B	5	rs452454	0.411	0.022
PPP2R2B	5	rs319166	0.485	0.023
PPP2R2B	5	rs7706775	0.373	0.025
PPP2R2B	5	rs1530417	0.135	0.026
PPP2R2B	5	rs322474	0.410	0.032
PPP2R2B	5	rs445122	0.459	0.032
PPP2R2B	5	rs2054528	0.301	0.035
PPP2R2B	5	rs10302810	0.428	0.041
PPP2R2B	5	rs1194998	0.474	0.053
PRODH	22	rs4819756	0.364	0.044
S100B	21	rs1051169	0.538	0.009
S100B	21	rs2839365	0.450	0.011
S100B	21	rs2839352	0.474	0.015
S100B	21	rs2255688	0.410	0.019
S100B	21	rs9722	0.354	0.020
SFTPA1	10	rs4253512	0.401	0.028
SFTPA2	10	rs17886221	0.923	0.003
SFTPA2	10	rs17886395	0.914	0.005
SFTPA2	10	rs17880349	0.700	0.008
SFTPD	10	rs2243639	0.379	0.016
SFTPD	10	rs2819098	0.384	0.018
SFTPD	10	rs1051246	0.283	0.026
SFTPD	10	rs721917	0.152	0.104
SLC2A4	17	rs222849	0.471	0.023
SLC2A4	17	rs5415	0.406	0.030
SLC2A4	17	rs5418	0.488	0.044
SPINK1	5	rs17107315	0.054	0.019
SYNGR1	22	rs1000076	0.124	0.029
SYNGR1	22	rs909685	0.477	0.033
SYNGR1	22	rs760741	0.268	0.037
SYNGR1	22	rs6001566	0.285	0.039
SYNGR1	22	rs4821888	0.188	0.051
SYNGR1	22	rs715505	0.470	0.053
SYNGR1	22	rs739363	0.454	0.057
TCF1	12	rs2259820	0.471	0.016
TCF1	12	rs1800574	0.095	0.026
TCF1	12	rs1169288	0.472	0.028
TCF1	12	rs1169289	0.395	0.039
TGFB1	19	rs747857	0.219	0.005
TGFB1	19	rs1800468	0.073	0.024
TGFB1	19	rs8110090	0.234	0.025
TGFB1	19	rs1800469	0.388	0.029
TGFB1	19	rs2241716	0.207	0.053
TGFB1	19	rs11466345	0.350	0.119
TLR9	3	rs187084	0.484	0.011
TLR9	3	rs352139	0.493	0.014



<i>TLR9</i>	3	rs352140	0.508	0.017
<i>TNF2</i>	6	l000194	0.040	0.021
<i>TNF2</i>	6	rs2239704	0.426	0.051
<i>TNF-a</i>	6	rs3093661	0.103	0.009
<i>TNF-a</i>	6	rs361525	0.104	0.015
<i>TNF-a</i>	6	l000051	0.053	0.017
<i>TNF-a</i>	6	rs1800629	0.110	0.028
<i>TNF-a</i>	6	rs1799964	0.421	0.032
<i>TNF-a</i>	6	rs1800630	0.424	0.042
<i>TYR</i>	11	rs6483000	0.303	0.010
<i>TYR</i>	11	rs1799989	0.289	0.011
<i>TYR</i>	11	rs12799137	0.253	0.012
<i>TYR</i>	11	rs11018541	0.406	0.019
<i>TYR</i>	11	rs5021654	0.291	0.066
<i>TYR</i>	11	rs1042602	0.100	0.077
<i>XRCC5</i>	2	rs207906	0.274	0.019
<i>XRCC5</i>	2	rs3821104	0.300	0.020
<i>XRCC5</i>	2	rs3821107	0.465	0.036
<i>XRCC5</i>	2	rs828909	0.480	0.045
<i>XRCC5</i>	2	rs828699	0.469	0.049
<i>XRCC5</i>	2	rs2440	0.399	0.050