

TABLE S3: Haplotype SNP sets for each gene

Gene	Haplotypes	Case Freq	Control Freq	Haplotype SNP set <i>p</i> -value
GCK SNP set 1	rs2922665			
	C	.495	.534	
	T	.203	.186	
	T	.168	.145	.29
	T	.080	.090	
	C	.011	.014	
	T	.010	.006	
T				
GCK SNP set 2	rs2268575			
	T	.468	.509	
	T	.330	.314	.064
	C	.203	.178	
GCK SNP set 3	rs12534623			
	A	.420	.459	
	G	.385	.345	.12
	A	.111	.108	
A	.084	.088		
GCK SNP set 4	rs1799831			
	G	.289	.331	
	G	.148	.144	
	G	.120	.105	
	G	.079	.077	
	G	.074	.061	
	A	.063	.062	.246
	A	.063	.067	
	A	.054	.048	
	G	.040	.047	
	G	.024	.018	
	G	.021	.014	

GCK SNP set 5	rs2284769	C	C	.392	.412	.69
	rs741038	A	G	.127	.118	
	hCV2661378	G	G	.114	.102	
	rs2268569	G	T	.101	.098	
	rs1799884	C	C	.082	.074	
	rs3757838	A	A	.079	.075	
	rs2908287	C	C	.063	.073	
	rs758983	C	T	.032	.036	
	rs2971667	T	T			
	rs3824065	T	T			
IPF1 SNP set 1	rs1756953	A	G	.269	.278	.41
	rs2185966	C	C	.266	.237	
	rs2297316	G	A	.215	.222	
	rs2293941	G	T	.166	.189	
	rs7331478	T	G	.061	.060	
	S00G00336	G	G			
	rs4002828	T	T			
rs4581569	T	C				
rs9319402	G	A				
rs11620388	A	A				
IPF1 SNP set 2	rs4581570	T	C	.497	.524	.31
	rs4771195	A	G	.290	.269	
	rs4771197	A	G	.117	.115	
	rs2504223	G	A	.089	.080	
		G	G			
NEUROD1 SNP set 1	rs2696352	T	T	.352	.414	.071
	rs12053195	T	T	.333	.298	
	rs8192556	G	G	.191	.173	
	rs1801262	C	C	.057	.055	
	rs3916026	G	G	.042	.031	
	rs2254197	C	C	.011	.010	
		C	C			
HNF1A SNP set 1	2178463					
	2701175					
	11065374					

<i>HNF1A SNP set 2</i>	T rs1920792	T	.308	.277		
	C A GE117884_349	G	.306	.332		
	C G A rs2393792	G	.104	.119		
	T G A A rs2254779	A	.066	.075		
	T G G A GE117881_360	G	.039	.033		
	T G G A rs1169289	G	.033	.031		
	T G G A rs1169288	A	.029	.027	.33	
	C A A A rs1800574	C	.026	.024		
	T G G A rs2244608	A	.023	.022		
	T G G A rs1169293	A	.017	.018		
	T G G A	G	.016	.012		
	C G A A	C	.011	.007		
	<i>HNF1A SNP set 3</i>	T rs2071190	T	.406	.414	
		T rs1169302	G	.328	.299	
		A G C rs1882149	C	.154	.186	.20
T T C rs1169307		C	.059	.049		
A T T rs735396		T	.044	.041		
T T C rs2257764		A	.009	.010		
<i>HNF1B SNP set 1</i>	T rs8070558	T	.439	.425		
	C A rs3094503	A	.218	.190		
	T A C rs9900376	C	.134	.142		
	C C C rs3094521	C	.079	.093	.27	
	C C C A	A	.069	.074		
	T C C C	C	.025	.036		
	C C T C	C	.013	.013		
	C A C A	A	.009	.012		
<i>HNF1B SNP set 2</i>	A rs1859212	A	.357	.342		
	G rs1557812	G	.215	.222		
	A rs3110647	A				
	G rs3094519	G				

<i>HNF1B</i> SNP set 3	rs739753	A	.743	.727	.21
	A	T	.168	.177	
	T	T	.061	.076	
	A	G	.028	.021	
<i>HNF1B</i> SNP set 4	rs2285741	C	.422	.414	.77
	rs10962	T	.246	.234	
	rs2688	T	.079	.083	
	rs1058166	T	.076	.071	
	rs3110641	T	.062	.059	
	rs3110640	C	.044	.046	
	rs12150371	T	.034	.043	
		T	.018	.026	
		T			
		T			
<i>HNF1B</i> SNP set 5	rs1859211	T	.871	.858	.28
	rs3110635	C	.061	.077	
		C	.054	.055	
		T	.014	.010	
<i>HNF1B</i> SNP set 6	rs11868535	G	.358	.327	.14
	rs6422978	G	.228	.237	
	rs6607286	C	.216	.215	
	rs12452659	G	.055	.057	
	rs1016991	G	.045	.054	
	rs2269845	G	.032	.044	
	rs2074430	G	.024	.014	
	rs9905004	G	.020	.020	
		G	.014	.024	
		G			
4429					
4509					
8284					
4508					
9301					
8254					
2543					
5740					



HNF1B SNP set 12

G	rs2005705	0.389	0.387
A	rs757210	0.152	0.152
A	rs4430796	0.122	0.115
G	rs7501939	0.103	0.123
G	rs7405696	0.086	0.076
A	rs9913260	0.054	0.057
G	rs3760511	0.038	0.031
G		0.025	0.019

.13

