

Gene	SNP rs #	SNP type	Alleles [A1/A2]	Group	ANX core			ANX extended			PD			GAD core			GAD extended			SOCPH core			SOCPH extended		
					Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value
					A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2	
ALAD	rs16933168	tag SNP	G/A	Cases Controls	0.095 0.080	0.905 0.920	0.361	0.097 0.081	0.903 0.919	0.322	0.095 0.078	0.905 0.923	0.489	0.087 0.071	0.913 0.929	0.595	0.097 0.078	0.903 0.922	0.503	0.048 0.082	0.952 0.918	0.303	0.044 0.086	0.956 0.914	0.171
	rs818702	tag SNP	G/A	Cases Controls	0.187 0.194	0.813 0.806	0.739	0.196 0.196	0.804 0.804	0.998	0.165 0.189	0.835 0.811	0.466	0.171 0.206	0.829 0.795	0.379	0.181 0.218	0.819 0.782	0.271	0.116 0.239	0.884 0.761	0.008	0.119 0.225	0.881 0.775	0.013
	rs11789221	polymorphic miR target site	T/C	Cases Controls	0.004 0.006	0.997 0.994	0.517	0.005 0.006	0.995 0.994	0.720	0.005 0.009	0.995 0.991	0.589	0.000 0.007	1.000 0.993	0.346	0.000 0.007	1.000 0.993	0.173	0.000 0.013	1.000 0.987	0.177	0.000 0.011	1.000 0.989	0.180
	rs8177822	polymorphic miR target site	A/C	Cases Controls	0.018 0.004	0.982 0.996	0.012	0.017 0.005	0.983 0.995	0.017	0.014 0.007	0.986 0.993	0.451	0.000 0.000	1.000 1.000	0.163	0.005 0.002	0.995 0.998	0.735	0.034 0.004	0.966 0.986	0.038	0.038 0.008	0.962 0.992	0.056
	rs818708	tag SNP / polymorphic miR target site	C/T	Cases Controls	0.595 0.613	0.405 0.387	0.446	0.601 0.621	0.399 0.379	0.381	0.612 0.625	0.388 0.375	0.739	0.582 0.625	0.418 0.375	0.375	0.588 0.623	0.412 0.378	0.415	0.614 0.657	0.386 0.343	0.440	0.602 0.652	0.392 0.349	0.334
	rs8177812	tag SNP	C/T	Cases Controls	0.911 0.886	0.089 0.114	0.091	0.905 0.891	0.095 0.109	0.341	0.880 0.865	0.120 0.135	0.602	0.932 0.886	0.068 0.114	0.104	0.913 0.898	0.087 0.102	0.541	0.888 0.914	0.112 0.086	0.437	0.877 0.915	0.123 0.085	0.238
	rs8177806	tag SNP	C/T	Cases Controls	0.930 0.919	0.070 0.081	0.393	0.926 0.922	0.074 0.078	0.737	0.902 0.901	0.098 0.100	0.943	0.945 0.910	0.055 0.090	0.168	0.936 0.919	0.064 0.081	0.438	0.895 0.936	0.105 0.064	0.167	0.883 0.939	0.117 0.061	0.062
	rs1805316	tag SNP	C/T	Cases Controls	0.153 0.149	0.847 0.851	0.845	0.147 0.148	0.853 0.852	0.957	0.159 0.145	0.841 0.855	0.636	0.171 0.141	0.829 0.859	0.413	0.155 0.137	0.845 0.863	0.533	0.155 0.162	0.845 0.838	0.869	0.146 0.160	0.854 0.840	0.708
	rs1800435	non-synonymous (K/N)	C/G	Cases Controls	0.083 0.082	0.917 0.918	0.919	0.081 0.087	0.919 0.913	0.652	0.093 0.071	0.907 0.929	0.335	0.075 0.063	0.925 0.937	0.632	0.073 0.072	0.927 0.928	0.984	0.086 0.067	0.914 0.933	0.508	0.085 0.083	0.915 0.917	0.953
	rs818684	tag SNP	T/C	Cases Controls	0.147 0.152	0.853 0.848	0.777	0.145 0.152	0.855 0.849	0.688	0.187 0.165	0.813 0.835	0.488	0.153 0.141	0.847 0.859	0.742	0.132 0.146	0.868 0.854	0.638	0.164 0.133	0.836 0.868	0.418	0.177 0.137	0.823 0.863	0.303
	rs818688	tag SNP	C/G	Cases Controls	0.419 0.404	0.581 0.596	0.578	0.416 0.409	0.584 0.591	0.776	0.471 0.410	0.529 0.590	0.125	0.390 0.360	0.610 0.640	0.520	0.387 0.374	0.613 0.626	0.744	0.482 0.392	0.518 0.608	0.123	0.484 0.412	0.516 0.589	0.182
	rs818689	tag SNP	T/C	Cases Controls	0.147 0.149	0.853 0.852	0.932	0.143 0.148	0.857 0.852	0.795	0.187 0.161	0.813 0.840	0.396	0.153 0.138	0.847 0.862	0.666	0.132 0.142	0.868 0.859	0.754	0.164 0.133	0.836 0.868	0.421	0.169 0.137	0.831 0.863	0.414
	rs818694	tag SNP	T/A	Cases Controls	0.349 0.341	0.651 0.659	0.735	0.335 0.341	0.665 0.659	0.778	0.398 0.346	0.665 0.654	0.185	0.315 0.325	0.685 0.675	0.825	0.306 0.327	0.694 0.673	0.588	0.414 0.332	0.586 0.668	0.137	0.400 0.335	0.600 0.665	0.204
	rs3827674	tag SNP	G/A	Cases Controls	0.938 0.958	0.062 0.042	0.089	0.938 0.954	0.062 0.046	0.143	0.944 0.965	0.056 0.035	0.221	0.932 0.972	0.068 0.028	0.066	0.937 0.954	0.063 0.046	0.385	0.914 0.948	0.086 0.052	0.237	0.915 0.946	0.085 0.054	0.262
	rs11083238	tag SNP	T/C	Cases Controls	0.488 0.500	0.512 0.500	0.632	0.478 0.504	0.522 0.496	0.291	0.528 0.473	0.472 0.528	0.193	0.514 0.493	0.486 0.507	0.681	0.476 0.493	0.524 0.507	0.701	0.422 0.521	0.578 0.479	0.086	0.439 0.523	0.562 0.477	0.120
rs8090315	tag SNP	T/C	Cases Controls	0.628 0.650	0.372 0.350	0.372	0.630 0.653	0.370 0.347	0.319	0.637 0.655	0.363 0.345	0.651	0.644 0.634	0.356 0.366	0.837	0.637 0.651	0.363 0.350	0.762	0.643 0.660	0.357 0.341	0.764	0.651 0.654	0.349 0.346	0.955	
rs1530380	tag SNP	A/G	Cases Controls	0.591 0.555	0.409 0.445	0.175	0.591 0.560	0.410 0.440	0.213	0.589 0.571	0.411 0.429	0.673	0.575 0.521	0.425 0.480	0.286	0.598 0.546	0.402 0.454	0.239	0.591 0.560	0.409 0.440	0.593	0.573 0.553	0.427 0.447	0.720	
rs2289664	non-synonymous (S/N)	T/C	Cases Controls	0.968 0.974	0.032 0.026	0.476	0.967 0.970	0.033 0.030	0.706	0.981 0.975	0.019 0.025	0.618	0.973 0.969	0.027 0.031	0.858	0.966 0.971	0.034 0.029	0.733	0.938 0.983	0.063 0.017	0.059	0.937 0.981	0.063 0.019	0.043	
rs4363925	tag SNP	G/A	Cases Controls	0.747 0.756	0.253 0.244	0.694	0.749 0.749	0.251 0.251	1.000	0.750 0.750	0.250 0.250	0.989	0.750 0.747	0.250 0.254	0.941	0.738 0.728	0.262 0.273	0.792	0.776 0.770	0.224 0.230	0.903	0.797 0.760	0.203 0.204	0.400	
rs10502505	tag SNP	T/C	Cases Controls	0.078 0.097	0.922 0.903	0.207	0.079 0.098	0.921 0.902	0.185	0.083 0.106	0.917 0.895	0.381	0.055 0.107	0.945 0.893	0.064	0.073 0.110	0.927 0.890	0.139	0.147 0.097	0.853 0.903	0.211	0.146 0.086	0.854 0.914	0.096	
rs1041985	tag SNP	C/T	Cases Controls	0.640 0.646	0.360 0.354	0.819	0.637 0.647	0.363 0.353	0.646	0.676 0.661	0.324 0.339	0.700	0.610 0.643	0.390 0.357	0.489	0.602 0.644	0.398 0.356	0.312	0.638 0.651	0.362 0.349	0.805	0.646 0.647	0.354 0.353	0.987	
rs7240351	tag SNP	G/A	Cases Controls	0.549 0.551	0.451 0.449	0.963	0.556 0.550	0.444 0.450	0.805	0.505 0.544	0.495 0.456	0.375	0.537 0.573	0.463 0.427	0.485	0.568 0.567	0.432 0.433	0.993	0.676 0.519	0.324 0.481	0.008	0.667 0.513	0.333 0.488	0.006	
rs8092870	tag SNP	T/C	Cases Controls	0.424 0.430	0.576 0.570	0.808	0.425 0.430	0.575 0.571	0.846	0.458 0.426	0.543 0.574	0.470	0.451 0.412	0.549 0.588	0.416	0.425 0.418	0.575 0.583	0.853	0.362 0.430	0.638 0.570	0.210	0.369 0.441	0.631 0.559	0.164	
rs1941182	tag SNP	C/A	Cases Controls	0.583 0.574	0.417 0.426	0.731	0.581 0.576	0.419 0.424	0.851	0.519 0.595	0.481 0.406	0.077	0.582 0.589	0.418 0.411	0.882	0.598 0.590	0.402 0.410	0.847	0.643 0.564	0.357 0.436	0.163	0.635 0.557	0.365 0.443	0.143	
rs11564295	tag SNP	T/C	Cases Controls	0.752 0.762	0.248 0.238	0.644	0.757 0.759	0.243 0.241	0.927	0.808 0.775	0.192 0.225	0.335	0.699 0.771	0.301 0.230	0.088	0.718 0.769	0.282 0.231	0.150	0.737 0.769	0.263 0.231	0.495	0.734 0.759	0.266 0.241	0.572	
rs9646566	tag SNP	T/A	Cases Controls	0.038 0.035	0.962 0.965	0.685	0.034 0.032	0.966 0.968	0.838	0.048 0.031	0.952 0.969	0.321	0.014 0.046	0.986 0.954	0.076	0.010 0.037	0.990 0.963	0.034	0.027 0.032	0.973 0.969	0.808	0.024 0.028	0.976 0.972	0.810	
rs623234	tag SNP	A/G	Cases Controls	0.489 0.481	0.511 0.519	0.769	0.484 0.483	0.516 0.517	0.980	0.443 0.486	0.557 0.514	0.329	0.514 0.500	0.486 0.500	0.789	0.529 0.483	0.471 0.517	0.250	0.561 0.456	0.439 0.544	0.069	0.547 0.457	0.453 0.543	0.099	
rs10502507	tag SNP	T/A	Cases Controls	0.113 0.127	0.887 0.873	0.397	0.113 0.126	0.887 0.874	0.419	0.126 0.142	0.874 0.858	0.593	0.097 0.130	0.903 0.871	0.313	0.114 0.127	0.886 0.873	0.650	0.158 0.137	0.842 0.863	0.621	0.148 0.127	0.852 0.873	0.588	
rs1860642	tag SNP	G/T	Cases Controls	0.186 0.194	0.814 0.807	0.725	0.185 0.199	0.815 0.801	0.464	0.176 0.175	0.824 0.825	0.986	0.217 0.218	0.783 0.782	0.988	0.184 0.214	0.816 0.786	0.403	0.193 0.164	0.807 0.836	0.498	0.214 0.173	0.786 0.827	0.342	
rs12458418	tag SNP	G/A	Cases Controls	0.157 0.152	0.843 0.848	0.814	0.157 0.156	0.843 0.844	0.974	0.154 0.142	0.846 0.858	0.694	0.164 0.185	0.836 0.815	0.587	0.151 0.177	0.850 0.823	0.392	0.147 0.126	0.853 0.874	0.601	0.172 0.128	0.828 0.827	0.248	
rs2535597	tag SNP	C/T	Cases Controls	0.798 0.811	0.202 0.189	0.521	0.795 0.810	0.205 0.190	0.421	0.792 0.787	0.208 0.213	0.874	0.815 0.792	0.185 0.208	0.575	0.786 0.779	0.214 0.221	0.849	0.793 0.805	0.207 0.195	0.795	0.808 0.811	0.192 0.189	0.946	
rs11564299	tag SNP	G/A	Cases Controls	0.200 0.196	0.800 0.804	0.866	0.203 0.202	0.798 0.798	0.975	0.175 0.187	0.826 0.813	0.714	0.222 0.205	0.778 0.795	0.67										

Gene	SNP rs #	SNP type	Alleles [A1/A2]	Group	ANX core			ANX extended			PD			GAD core			GAD extended			SOCPH core			SOCPH extended		
					Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value
					A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2	
CPSF4	rs940336	tag SNP	C/T	Cases	0.987	0.013	0.382	0.987	0.013	0.350	0.991	0.009	0.297	0.986	0.014	0.953	0.985	0.015	0.963	1.000	0.000	0.522	0.992	0.008	0.953
				Controls	0.982	0.018		0.982	0.019		0.979	0.021		0.986	0.014		0.985	0.015		0.996	0.004		0.992	0.008	
	rs10215854	tag SNP	A/G	Cases	0.152	0.848	0.667	0.155	0.845	0.782	0.146	0.854	0.957	0.185	0.815	0.915	0.180	0.820	0.986	0.138	0.862	0.289	0.146	0.854	0.264
				Controls	0.160	0.840		0.160	0.840		0.148	0.852		0.189	0.811		0.180	0.820		0.182	0.818		0.189	0.811	
	rs1043466	tag SNP	G/T	Cases	0.246	0.754	0.754	0.246	0.754	0.742	0.248	0.752	0.405	0.268	0.732	0.758	0.253	0.748	0.977	0.224	0.776	0.506	0.239	0.762	0.598
			Controls	0.240	0.761		0.239	0.761		0.219	0.781		0.253	0.747		0.254	0.746		0.256	0.744		0.263	0.737		
	rs2293256	tag SNP	T/C	Cases	0.077	0.924	0.289	0.073	0.927	0.335	0.083	0.917	0.168	0.062	0.938	0.684	0.053	0.947	0.792	0.086	0.914	0.642	0.085	0.915	0.557
			Controls	0.063	0.937		0.062	0.938		0.055	0.945		0.052	0.948		0.059	0.942		0.071	0.929		0.068	0.932		
	rs7225351	tag SNP	A/G	Cases	0.674	0.326	0.893	0.659	0.341	0.543	0.696	0.304	0.299	0.637	0.363	0.348	0.592	0.408	0.067	0.664	0.336	0.852	0.662	0.339	0.801
			Controls	0.678	0.322		0.673	0.327		0.655	0.345		0.682	0.318		0.668	0.333		0.674	0.326		0.674	0.326		
	rs11079337	tag SNP	A/C	Cases	0.675	0.325	0.841	0.660	0.340	0.495	0.692	0.308	0.369	0.646	0.354	0.413	0.598	0.402	0.077	0.664	0.336	0.811	0.662	0.339	0.758
			Controls	0.680	0.320		0.675	0.325		0.656	0.348		0.685	0.315		0.671	0.329		0.677	0.323		0.677	0.323		
DYNLL2	rs10132	tag SNP	A/G	Cases	0.799	0.202	0.938	0.797	0.204	0.898	0.816	0.185	0.586	0.774	0.226	0.845	0.752	0.248	0.480	0.777	0.223	0.185	0.778	0.222	0.260
				Controls	0.800	0.200		0.799	0.201		0.796	0.204		0.766	0.234		0.776	0.224		0.833	0.167		0.824	0.176	
	rs9900038	tag SNP	A/G	Cases	0.196	0.804	0.711	0.199	0.801	0.696	0.178	0.822	0.329	0.226	0.774	0.717	0.248	0.752	0.703	0.216	0.785	0.388	0.215	0.785	0.448
				Controls	0.204	0.796		0.207	0.793		0.213	0.787		0.241	0.759		0.234	0.766		0.177	0.823		0.185	0.815	
	rs9902118	tag SNP	C/T	Cases	0.288	0.712	0.814	0.300	0.700	0.536	0.266	0.734	0.383	0.329	0.671	0.278	0.379	0.621	0.029	0.302	0.698	0.657	0.300	0.700	0.677
			Controls	0.283	0.717		0.287	0.714		0.301	0.700		0.280	0.720		0.291	0.709		0.280	0.720		0.280	0.720		
	rs2333091	tag SNP	C/T	Cases	0.138	0.862	0.796	0.146	0.854	0.804	0.148	0.852	0.986	0.130	0.870	0.791	0.170	0.830	0.138	0.129	0.871	0.596	0.123	0.877	0.612
			Controls	0.143	0.857		0.142	0.858		0.149	0.851		0.121	0.879		0.124	0.876		0.151	0.849		0.143	0.857		
	rs2290990	tag SNP	G/T	Cases	0.841	0.159	0.160	0.835	0.165	0.199	0.852	0.148	0.071	0.852	0.148	0.381	0.837	0.163	0.665	0.879	0.121	0.219	0.877	0.123	0.180
			Controls	0.812	0.188		0.810	0.190		0.790	0.210		0.818	0.182		0.823	0.177		0.828	0.172		0.822	0.178		
	rs1020951	tag SNP	T/G	Cases	0.311	0.689	0.588	0.319	0.681	0.394	0.313	0.687	0.499	0.247	0.753	0.583	0.279	0.721	0.951	0.263	0.737	0.176	0.281	0.719	0.460
			Controls	0.298	0.702		0.300	0.700		0.338	0.662		0.271	0.729		0.277	0.723		0.335	0.665		0.318	0.682		
	rs7703522	tag SNP	T/C	Cases	0.692	0.309	0.642	0.682	0.318	0.438	0.690	0.310	0.447	0.753	0.247	0.546	0.718	0.282	0.962	0.741	0.259	0.175	0.723	0.277	0.445
			Controls	0.703	0.297		0.700	0.300		0.661	0.339		0.727	0.273		0.720	0.280		0.668	0.332		0.684	0.316		
	rs10040749	tag SNP	G/A	Cases	0.311	0.689	0.626	0.321	0.679	0.386	0.313	0.687	0.391	0.247	0.754	0.546	0.282	0.718	0.911	0.259	0.741	0.148	0.277	0.723	0.407
			Controls	0.300	0.700		0.301	0.699		0.347	0.654		0.274	0.726		0.278	0.722		0.336	0.664		0.320	0.681		
	rs7717321	tag SNP	T/C	Cases	0.957	0.043	0.164	0.956	0.044	0.231	0.963	0.037	0.330	0.966	0.034	0.083	0.956	0.044	0.158	0.957	0.043	0.701	0.954	0.046	0.877
			Controls	0.942	0.058		0.944	0.056		0.946	0.054		0.927	0.073		0.929	0.071		0.966	0.034		0.958	0.042		
	rs1560058	non-synonymous (S/N)	T/C	Cases	0.265	0.736	0.380	0.275	0.725	0.634	0.250	0.750	0.188	0.181	0.819	0.041	0.226	0.775	0.356	0.246	0.754	0.042	0.258	0.742	0.108
			Controls	0.285	0.715		0.285	0.715		0.300	0.700		0.266	0.734		0.259	0.741		0.352	0.648		0.337	0.663		
	rs4958010	tag SNP	T/C	Cases	0.253	0.747	0.848	0.259	0.741	0.979	0.238	0.762	0.297	0.167	0.833	0.090	0.211	0.789	0.438	0.224	0.776	0.080	0.231	0.769	0.151
			Controls	0.257	0.743		0.260	0.740		0.277	0.723		0.238	0.762		0.239	0.761		0.315	0.685		0.300	0.700		
	rs7719346	non-synonymous (H/Y)	G/A	Cases	0.751	0.249	0.702	0.744	0.257	0.848	0.762	0.238	0.254	0.860	0.140	0.008	0.806	0.194	0.161	0.773	0.227	0.109	0.766	0.234	0.190
			Controls	0.742	0.258		0.739	0.261		0.719	0.281		0.752	0.248		0.756	0.244		0.688	0.312		0.702	0.298		
	rs1863960	tag SNP	T/C	Cases	0.276	0.724	0.409	0.284	0.716	0.529	0.257	0.743	0.172	0.185	0.815	0.048	0.233	0.767	0.304	0.250	0.750	0.042	0.262	0.739	0.107
			Controls	0.296	0.704		0.299	0.701		0.310	0.690		0.271	0.730		0.272	0.728		0.357	0.643		0.342	0.658		
	rs13164349	tag SNP	G/A	Cases	0.395	0.605	0.142	0.385	0.615	0.302	0.426	0.574	0.045	0.445	0.555	0.234	0.393	0.607	0.766	0.319	0.681	0.741	0.339	0.662	0.896
			Controls	0.358	0.642		0.360	0.640		0.343	0.657		0.383	0.617		0.381	0.620		0.336	0.664		0.346	0.654		
	rs2303657	tag SNP	T/G	Cases	0.002	0.998	0.724	0.002	0.998	0.727	0.000	1.000	0.512	0.000	1.000	1.000	0.005	0.995	0.168	0.000	1.000	0.515	0.000	1.000	0.516
			Controls	0.001	0.999		0.001	0.999		0.002	0.998		0.000	1.000		0.000	1.000		0.004	0.996		0.004	0.996		
	rs890757	non-synonymous (T/S)	G/C	Cases	0.707	0.293	0.472	0.698	0.302	0.554	0.718	0.282	0.218	0.801	0.199	0.060	0.757	0.243	0.208	0.724	0.276	0.120	0.708	0.292	0.291
			Controls	0.690	0.310		0.685	0.316		0.668	0.332		0.718	0.282		0.709	0.291		0.639	0.361		0.654	0.346		
	rs7722065	tag SNP	T/C	Cases	0.255	0.745	0.854	0.260	0.740	0.877	0.245	0.755	0.893	0.301	0.699	0.147	0.301	0.699	0.080	0.336	0.664	0.087	0.315	0.685	0.156
			Controls	0.260	0.740		0.257	0.743		0.250	0.750		0.235	0.766		0.234	0.766		0.244	0.756		0.244	0.756		
EPB41L4A	rs6421836	tag SNP	T/C	Cases	0.894	0.106	0.549	0.896	0.104	0.644	0.920	0.080	0.640	0.849	0.151	0.177	0.859	0.141	0.150	0.868	0.132	0.452	0.875	0.125	0.411
			Controls	0.903	0.097		0.903	0.097		0.909	0.091		0.896	0.104		0.900	0.101		0.897						

Gene	SNP rs #	SNP type	Alleles [A1/A2]	Group	ANX core			ANX extended			PD			GAD core			GAD extended			SOCPH core			SOCPH extended					
					Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value	Allele freq	Allelic LRT	p-value
					A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2	
EPHX1	rs12403480	tag SNP	C/T	Cases	0.871	0.130	0.737	0.868	0.133	0.892	0.867	0.133	0.683	0.868	0.132	0.704	0.868	0.132	0.810	0.879	0.121	0.869	0.877	0.123	0.576			
				Controls	0.876	0.124		0.870	0.130		0.878	0.122		0.881	0.119		0.874	0.126		0.873	0.127		0.856	0.144				
	rs3766934	tag SNP	G/T	Cases	0.917	0.083	0.647	0.915	0.085	0.895	0.915	0.085	0.627	0.897	0.103	0.252	0.898	0.102	0.511	0.912	0.088	0.870	0.914	0.086	0.837			
				Controls	0.924	0.076		0.917	0.083		0.926	0.074		0.931	0.069		0.914	0.086		0.918	0.082		0.908	0.092				
	rs2234698	tag SNP	C/T	Cases	0.002	0.998	0.052	0.003	0.997	0.089	0.005	0.995	0.409	0.000	1.000	0.333	0.005	0.995	0.593	0.000	0.999	0.826	0.008	0.992	0.833			
				Controls	0.010	0.990		0.010	0.990		0.012	0.988		0.007	0.993		0.010	0.990		0.013	0.987		0.011	0.989				
	rs1051740	non-synonymous (Y/H)	C/T	Cases	0.266	0.734	0.086	0.276	0.724	0.153	0.278	0.722	0.695	0.336	0.664	0.439	0.345	0.655	0.223	0.360	0.640	0.920	0.336	0.664	0.735			
				Controls	0.308	0.692		0.308	0.692		0.294	0.706		0.299	0.701		0.297	0.703		0.353	0.647		0.354	0.646				
	rs2234922	non-synonymous (H/R)	A/G	Cases	0.847	0.153	0.293	0.854	0.146	0.163	0.830	0.170	0.988	0.849	0.151	0.244	0.868	0.132	0.116	0.857	0.143	0.792	0.849	0.151	0.809			
				Controls	0.827	0.173		0.829	0.171		0.830	0.171		0.805	0.195		0.818	0.182		0.846	0.154		0.859	0.141				
rs2292568	tag SNP	C/T	Cases	0.909	0.091	0.149	0.908	0.092	0.161	0.907	0.093	0.791	0.925	0.075	0.709	0.918	0.083	0.767	0.897	0.103	0.175	0.900	0.100	0.196				
			Controls	0.929	0.071		0.926	0.074		0.913	0.087		0.935	0.066		0.924	0.076		0.937	0.063		0.936	0.064					
rs1051741	tag SNP	C/T	Cases	0.940	0.060	0.710	0.944	0.056	0.419	0.935	0.065	0.915	0.966	0.034	0.043	0.966	0.034	0.047	0.948	0.052	0.970	0.946	0.054	0.845				
			Controls	0.935	0.065		0.935	0.065		0.933	0.067		0.916	0.084		0.928	0.072		0.950	0.050		0.951	0.049					
rs360063	tag SNP	A/G	Cases	0.438	0.563	0.506	0.448	0.552	0.779	0.397	0.603	0.492	0.480	0.521	0.610	0.485	0.515	0.499	0.395	0.605	0.079	0.414	0.586	0.137				
			Controls	0.455	0.545		0.455	0.545		0.427	0.573		0.452	0.548		0.456	0.544		0.487	0.511		0.487	0.511					
rs1937778	tag SNP	C/G	Cases	0.648	0.352	0.122	0.647	0.353	0.098	0.609	0.392	0.605	0.616	0.384	0.751	0.641	0.359	0.406	0.707	0.293	0.128	0.715	0.285	0.104				
			Controls	0.611	0.390		0.609	0.391		0.630	0.370		0.632	0.368		0.606	0.394		0.624	0.376		0.634	0.366					
rs1937780	tag SNP	C/T	Cases	0.649	0.351	0.166	0.647	0.353	0.143	0.606	0.394	0.477	0.627	0.373	0.836	0.645	0.355	0.386	0.705	0.295	0.129	0.714	0.286	0.106				
			Controls	0.614	0.386		0.612	0.388		0.635	0.365		0.637	0.363		0.609	0.391		0.622	0.378		0.632	0.368					
rs13215896	tag SNP	T/C	Cases	0.933	0.067	0.879	0.933	0.067	0.772	0.935	0.065	0.632	0.944	0.056	0.445	0.946	0.054	0.101	0.936	0.064	0.877	0.944	0.056	0.891				
			Controls	0.935	0.065		0.929	0.071		0.924	0.076		0.925	0.075		0.910	0.090		0.941	0.059		0.947	0.053					
rs10484854	tag SNP	A/G	Cases	0.190	0.810	0.042	0.193	0.807	0.054	0.215	0.785	0.413	0.226	0.774	0.939	0.209	0.791	0.543	0.164	0.836	0.167	0.172	0.828	0.203				
			Controls	0.233	0.767		0.231	0.770		0.188	0.812		0.230	0.771		0.231	0.769		0.229	0.771		0.229	0.771					
rs9394524	tag SNP	T/G	Cases	0.913	0.087	0.854	0.912	0.088	0.944	0.911	0.089	0.829	0.938	0.063	0.277	0.931	0.069	0.128	0.891	0.109	0.388	0.903	0.097	0.408				
			Controls	0.915	0.085		0.912	0.088		0.906	0.094		0.908	0.092		0.895	0.105		0.919	0.081		0.928	0.073					
rs6932648	tag SNP	T/C	Cases	0.088	0.912	0.710	0.088	0.912	0.920	0.086	0.914	0.801	0.063	0.937	0.307	0.069	0.931	0.141	0.096	0.904	0.607	0.086	0.914	0.602				
			Controls	0.082	0.918		0.086	0.914		0.092	0.908		0.092	0.909		0.104	0.896		0.080	0.920		0.071	0.929					
rs9394523	tag SNP	T/C	Cases	0.090	0.910	0.771	0.090	0.910	0.961	0.089	0.911	0.788	0.063	0.938	0.252	0.069	0.931	0.124	0.103	0.897	0.480	0.092	0.908	0.482				
			Controls	0.085	0.915		0.089	0.911		0.095	0.905		0.093	0.907		0.105	0.895		0.081	0.919		0.073	0.928					
rs10947755	tag SNP	T/C	Cases	0.576	0.424	0.024	0.576	0.424	0.027	0.574	0.426	0.553	0.548	0.452	0.383	0.583	0.418	0.096	0.526	0.474	0.755	0.539	0.462	0.765				
			Controls	0.519	0.481		0.525	0.476		0.551	0.450		0.503	0.497		0.512	0.488		0.508	0.492		0.523	0.477					
rs2736654	non-synonymous (E/A)	A/C	Cases	0.667	0.333	0.012	0.667	0.333	0.021	0.659	0.341	0.758	0.611	0.389	0.819	0.652	0.348	0.422	0.629	0.371	0.563	0.631	0.369	0.586				
			Controls	0.605	0.395		0.614	0.386		0.647	0.354		0.600	0.400		0.620	0.381		0.598	0.402		0.603	0.397					
rs12214815	tag SNP	G/C	Cases	0.688	0.312	0.033	0.689	0.311	0.061	0.694	0.306	0.738	0.625	0.375	0.989	0.657	0.343	0.709	0.681	0.319	0.317	0.677	0.323	0.337				
			Controls	0.638	0.362		0.646	0.354		0.682	0.318		0.624	0.376		0.642	0.359		0.627	0.373		0.629	0.371					
rs937662	tag SNP	A/G	Cases	0.328	0.672	0.023	0.328	0.672	0.045	0.319	0.681	0.574	0.384	0.616	0.797	0.358	0.642	0.651	0.357	0.643	0.541	0.357	0.643	0.559				
			Controls	0.384	0.616		0.373	0.627		0.341	0.659		0.397	0.603		0.376	0.624		0.391	0.609		0.388	0.612					
rs7604	tag SNP	A/G	Cases	0.066	0.934	0.865	0.064	0.936	0.443	0.061	0.939	0.459	0.056	0.944	0.374	0.049	0.951	0.051	0.052	0.948	0.662	0.046	0.954	0.548				
			Controls	0.069	0.932		0.074	0.926		0.077	0.923		0.079	0.921		0.093	0.907		0.064	0.936		0.061	0.939					
rs10283288	tag SNP	T/A	Cases	0.057	0.943	0.099	0.058	0.942	0.047	0.074	0.926	0.653	0.027	0.973	0.032	0.039	0.961	0.021	0.052	0.948	0.628	0.062	0.939	0.590				
			Controls	0.078	0.922		0.083	0.917		0.084	0.916		0.076	0.924		0.090	0.910		0.065	0.935		0.077	0.923					
rs2911678	tag SNP	A/T	Cases	0.775	0.225	0.762	0.772	0.228	0.574	0.762	0.238	0.582	0.773	0.227	0.774	0.774	0.226	0.422	0.720	0.280	0.396	0.705	0.295	0.324				
			Controls	0.769	0.231		0.760	0.240		0.782	0.218		0.761	0.239		0.743	0.257		0.764	0.236		0.757	0.244					
rs2253409	tag SNP	C/G	Cases	0.201	0.799	0.491	0.205	0.795	0.368	0.204	0.796	0.956	0.192	0.808	0.460	0.199	0.801	0.265	0.241	0.759	0.587	0.254	0.746	0.503				
			Controls	0.215	0.785		0.223	0.777		0.202	0.798		0.221	0.779		0.239	0.761		0.216	0.785		0.223	0.777					
rs8190996	tag SNP	C/T	Cases	0.449	0.551	0.589	0.457	0.543	0.572	0.426	0.574	0.896	0.478	0.522	0.465	0.490	0.510	0.478	0.518	0.482	0.372	0.532	0.468	0.198				
			Controls	0.435	0.565		0.443	0.557		0.420	0.580		0.438	0.562		0.457	0.543		0.464	0.536		0.459	0.541					

Gene	SNP rs #	SNP type	Alleles [A1/A2]	Group	ANX core			ANX extended			PD			GAD core			GAD extended			SOCPH core			SOCPH extended		
					Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value	Allele freq		Allelic LRT p-value
					A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2		A1	A2	
PSAP	rs1054635	polymorphic miR target site	G/A	Cases	0.900	0.100	0.223	0.906	0.094	0.118	0.893	0.108	0.392	0.918	0.082	0.154	0.927	0.074	0.058	0.909	0.091	0.252	0.903	0.097	0.464
				Controls	0.881	0.119		0.883	0.117		0.869	0.131		0.873	0.127		0.878	0.122		0.869	0.131		0.879	0.121	
	rs7869	tag SNP	A/G	Cases	0.339	0.661	0.928	0.337	0.663	0.979	0.381	0.619	0.719	0.329	0.671	0.985	0.314	0.686	0.849	0.362	0.638	0.979	0.354	0.646	0.720
				Controls	0.341	0.659		0.336	0.664		0.366	0.634		0.328	0.673		0.322	0.678		0.360	0.640		0.333	0.667	
	rs885828	tag SNP	C/T	Cases	0.659	0.341	0.978	0.659	0.341	0.909	0.612	0.388	0.583	0.612	0.329	0.959	0.686	0.314	0.758	0.640	0.360	0.932	0.648	0.352	0.791
				Controls	0.658	0.342		0.662	0.339		0.634	0.366		0.674	0.326		0.674	0.326		0.636	0.364		0.663	0.337	
	rs2070968	tag SNP	A/T	Cases	0.243	0.757	0.396	0.250	0.750	0.184	0.280	0.720	0.299	0.247	0.753	0.290	0.245	0.755	0.239	0.272	0.728	0.407	0.258	0.742	0.335
				Controls	0.224	0.776		0.223	0.777		0.241	0.759		0.201	0.799		0.203	0.797		0.229	0.771		0.212	0.788	
	rs1015193	tag SNP	A/G	Cases	0.595	0.405	0.710	0.588	0.412	0.874	0.614	0.386	0.618	0.582	0.418	0.889	0.568	0.432	0.859	0.603	0.397	0.862	0.592	0.408	0.813
				Controls	0.585	0.415		0.584	0.416		0.594	0.406		0.589	0.411		0.575	0.425		0.613	0.387		0.605	0.395	
	rs3819341	tag SNP	C/G	Cases	0.757	0.243	0.395	0.750	0.250	0.185	0.720	0.280	0.291	0.753	0.247	0.289	0.755	0.245	0.233	0.728	0.272	0.401	0.742	0.258	0.335
				Controls	0.776	0.224		0.777	0.223		0.759	0.241		0.799	0.201		0.797	0.203		0.771	0.229		0.788	0.212	
	rs10740391	tag SNP	T/C	Cases	0.655	0.345	0.472	0.650	0.350	0.748	0.650	0.351	0.697	0.681	0.319	0.277	0.652	0.348	0.920	0.638	0.362	0.430	0.654	0.346	0.407
				Controls	0.637	0.364		0.643	0.358		0.634	0.366		0.626	0.374		0.648	0.352		0.683	0.317		0.698	0.302	
	rs11000020	tag SNP	G/A	Cases	0.945	0.055	0.956	0.947	0.053	0.871	0.963	0.037	0.091	0.945	0.055	0.847	0.942	0.058	0.663	0.966	0.034	0.396	0.969	0.031	0.401
			Controls	0.946	0.054		0.949	0.051		0.931	0.069		0.940	0.060		0.950	0.050		0.945	0.055		0.951	0.049		
rs762571	tag SNP	C/T	Cases	0.392	0.609	0.552	0.388	0.613	0.297	0.421	0.579	0.856	0.363	0.637	0.176	0.359	0.641	0.116	0.414	0.586	0.647	0.415	0.585	0.669	
			Controls	0.406	0.594		0.412	0.588		0.413	0.587		0.430	0.570		0.424	0.576		0.390	0.610		0.394	0.606		
rs4747204	tag SNP	G/A	Cases	0.774	0.226	0.455	0.780	0.220	0.739	0.780	0.220	0.659	0.781	0.219	0.678	0.782	0.218	0.836	0.776	0.224	0.908	0.769	0.231	0.953	
			Controls	0.790	0.210		0.786	0.214		0.796	0.204		0.764	0.236		0.774	0.226		0.782	0.219		0.767	0.233		
rs4747209	tag SNP	T/C	Cases	0.635	0.365	0.592	0.637	0.363	0.388	0.608	0.393	0.819	0.651	0.349	0.294	0.652	0.348	0.242	0.595	0.405	0.620	0.594	0.406	0.549	
			Controls	0.622	0.378		0.617	0.383		0.617	0.383		0.601	0.399		0.603	0.397		0.622	0.378		0.624	0.376		
rs7092990	tag SNP	T/C	Cases	0.094	0.906	0.058	0.093	0.907	0.106	0.074	0.926	0.981	0.103	0.897	0.117	0.107	0.893	0.127	0.086	0.914	0.503	0.092	0.908	0.463	
			Controls	0.068	0.932		0.072	0.928		0.073	0.927		0.059	0.941		0.069	0.931		0.067	0.933		0.071	0.929		
rs4746097	tag SNP	T/C	Cases	0.304	0.696	0.279	0.291	0.709	0.065	0.271	0.729	0.004	0.315	0.685	0.805	0.294	0.706	0.328	0.298	0.702	0.501	0.305	0.695	0.526	
			Controls	0.330	0.671		0.332	0.669		0.384	0.616		0.326	0.674		0.331	0.669		0.335	0.665		0.337	0.663		
rs11597008	tag SNP	T/C	Cases	0.403	0.597	0.090	0.388	0.612	0.014	0.385	0.615	0.008	0.417	0.583	0.258	0.392	0.608	0.076	0.411	0.589	0.236	0.421	0.579	0.231	
			Controls	0.447	0.553		0.447	0.553		0.498	0.502		0.472	0.528		0.465	0.535		0.479	0.521		0.485	0.515		
rs4747211	tag SNP	C/T	Cases	0.103	0.897	0.355	0.100	0.900	0.277	0.116	0.884	0.885	0.103	0.897	0.167	0.097	0.903	0.187	0.121	0.879	0.643	0.123	0.877	0.599	
			Controls	0.118	0.882		0.116	0.884		0.112	0.888		0.148	0.852		0.132	0.868		0.138	0.862		0.142	0.858		
rs908829	tag SNP	G/C	Cases	0.593	0.407	0.398	0.577	0.423	0.654	0.590	0.410	0.563	0.590	0.410	0.964	0.559	0.441	0.849	0.580	0.420	0.650	0.579	0.421	0.577	
			Controls	0.572	0.428		0.566	0.434		0.567	0.434		0.580	0.413		0.567	0.434		0.555	0.445		0.549	0.451		
rs11790360	tag SNP	G/T	Cases	0.599	0.401	0.312	0.583	0.417	0.601	0.602	0.398	0.409	0.596	0.404	0.984	0.563	0.437	0.699	0.586	0.414	0.630	0.585	0.415	0.557	
			Controls	0.574	0.426		0.570	0.430		0.569	0.431		0.594	0.406		0.579	0.421		0.559	0.441		0.553	0.447		
rs3814499	tag SNP	A/G	Cases	0.670	0.330	0.102	0.669	0.331	0.102	0.710	0.290	0.724	0.651	0.349	0.054	0.665	0.335	0.152	0.664	0.336	0.078	0.654	0.346	0.040	
			Controls	0.709	0.292		0.707	0.294		0.697	0.303		0.741	0.259		0.722	0.278		0.754	0.246		0.754	0.246		
rs4880179	tag SNP	A/G	Cases	0.034	0.966	0.355	0.039	0.961	0.146	0.019	0.982	0.883	0.041	0.959	0.070	0.053	0.947	0.010	0.026	0.974	0.661	0.031	0.969	0.402	
			Controls	0.025	0.975		0.026	0.974		0.021	0.979		0.010	0.990		0.015	0.985		0.017	0.983		0.015	0.985		
rs6926	tag SNP	T/G	Cases	0.326	0.674	0.186	0.327	0.673	0.165	0.287	0.713	0.561	0.349	0.651	0.065	0.335	0.665	0.172	0.328	0.672	0.117	0.339	0.662	0.062	
			Controls	0.294	0.706		0.295	0.705		0.310	0.690		0.262	0.738		0.281	0.720		0.248	0.752		0.248	0.752		
rs17578859	tag SNP	A/G	Cases	0.294	0.706	0.265	0.289	0.711	0.323	0.266	0.734	0.534	0.308	0.692	0.191	0.282	0.718	0.645	0.302	0.698	0.158	0.308	0.698	0.115	
			Controls	0.268	0.732		0.268	0.732		0.289	0.711		0.250	0.750		0.265	0.735		0.231	0.769		0.233	0.767		
rs2999526	tag SNP	G/A	Cases	0.349	0.651	0.376	0.349	0.651	0.335	0.363	0.637	0.556	0.336	0.664	0.850	0.350	0.651	0.965	0.377	0.623	0.786	0.359	0.641	0.485	
			Controls	0.371	0.629		0.371	0.629		0.387	0.613		0.326	0.674		0.348	0.652		0.392	0.608		0.396	0.604		
rs2338018	tag SNP	T/C	Cases	0.093	0.907	0.767	0.089	0.911	0.859	0.083	0.917	0.308	0.089	0.911	0.746	0.087	0.913	0.485	0.103	0.897	0.984	0.100	0.900	0.806	
			Controls	0.098	0.902		0.092	0.908		0.110	0.890		0.079	0.921		0.071	0.929		0.105	0.895		0.109	0.891		
rs12083193	tag SNP	G/C	Cases	0.756	0.244	0.729	0.753	0.247	0.598	0.743	0.257	0.847	0.767	0.233	0.938	0.752	0.248	0.644	0.741	0.259	0.769	0.754	0.246	0.518	
			Controls	0.749	0.251		0.742	0.258		0.750	0.250		0.764	0.236		0.735	0.265		0.727	0.273		0.726	0.274		
rs8100085	tag SNP	A/T	Cases	0.387	0.613	0																			