

Supplementary Table 3 Estimates from adjusted logistic regression models including year of birth as covariate.

Immune family	Immune molecule	MMG ¹ Female					MMG ¹ Male					CB ² Female					CB ² Male				
		aOR	95% CI		p-value	Adj p ³	aOR	95% CI		p-value	Adj p ³	aOR	95% CI		p-value	Adj p ³	aOR	95% CI		p-value	Adj p ³
Adipose-derived hormones	Leptin	1.122	0.785	1.604	0.527	0.565	1.005	0.854	1.183	0.950	0.951	0.880	0.586	1.321	0.536	0.707	0.913	0.776	1.074	0.270	0.377
	Resistin	1.010	0.668	1.527	0.962	0.962	1.176	1.006	1.374	0.042	0.063	0.944	0.622	1.432	0.786	0.876	0.949	0.818	1.102	0.495	0.618
CC chemokines	CCL11 (eotaxin)	1.967	1.292	2.995	0.002	0.003	1.262	1.070	1.488	0.006	0.009	1.008	0.660	1.539	0.970	0.990	0.992	0.845	1.164	0.919	0.954
	CCL2 (MCP1)	0.190	0.102	0.353	0.000	0.000	0.457	0.381	0.547	0.000	0.000	0.834	0.591	1.178	0.303	0.504	0.787	0.674	0.920	0.003	0.007
	CCL3 (MIP1a)	3.149	1.903	5.209	0.000	0.000	1.296	1.097	1.529	0.002	0.005	0.957	0.641	1.428	0.828	0.887	1.025	0.896	1.172	0.720	0.816
	CCL4 (MIP1b)	2.904	1.817	4.640	0.000	0.000	1.308	1.107	1.544	0.002	0.004	1.241	0.789	1.952	0.351	0.526	1.024	0.879	1.192	0.763	0.833
	CCL5 (RANTES)	2.592	1.672	4.019	0.000	0.000	1.697	1.435	2.006	0.000	0.000	2.712	1.720	4.276	0.000	0.000	1.331	1.142	1.551	0.000	0.001
Cell adhesion molecules	CCL7 (MCP3)	2.008	1.188	3.394	0.009	0.014	1.051	0.900	1.227	0.528	0.587	0.539	0.345	0.842	0.007	0.020	0.723	0.611	0.856	0.000	0.001
	sICAM1 (CD54)	1.607	0.952	2.711	0.076	0.099	1.139	0.968	1.340	0.117	0.160	0.229	0.132	0.396	0.000	0.000	0.411	0.337	0.501	0.000	0.000
CXC chemokines	VCAM1 (CD106)	6.908	3.486	13.690	0.000	0.000	2.443	2.022	2.953	0.000	0.000	0.363	0.209	0.631	0.000	0.001	0.535	0.447	0.640	0.000	0.000
	CXCL1 (GROa)	1.259	0.821	1.931	0.291	0.317	0.696	0.584	0.830	0.000	0.000	1.396	0.912	2.137	0.124	0.226	1.142	0.988	1.320	0.072	0.124
	CXCL10 (IP10)	3.881	2.204	6.832	0.000	0.000	1.570	1.317	1.873	0.000	0.000	0.627	0.396	0.992	0.046	0.103	0.942	0.813	1.091	0.423	0.564
	CXCL12a (SDF1)	2.786	1.732	4.480	0.000	0.000	1.282	1.091	1.507	0.003	0.005	2.508	1.518	4.142	0.000	0.001	1.203	1.021	1.416	0.027	0.047
	CXCL8 (IL8)	3.653	2.078	6.423	0.000	0.000	1.485	1.230	1.794	0.000	0.000	0.878	0.599	1.289	0.507	0.692	0.885	0.759	1.031	0.116	0.179
IL1 superfamily	CXCL9 (MIG)	1.538	0.997	2.372	0.051	0.069	1.109	0.948	1.298	0.197	0.251	1.174	0.749	1.841	0.484	0.675	0.949	0.807	1.115	0.523	0.630
	IL18	1.350	0.952	1.915	0.092	0.118	1.176	1.002	1.381	0.047	0.069	0.806	0.527	1.233	0.320	0.519	0.778	0.659	0.919	0.003	0.008
	IL1a	2.288	1.450	3.609	0.000	0.001	1.267	1.074	1.494	0.005	0.009	1.555	1.044	2.316	0.030	0.069	1.552	1.303	1.850	0.000	0.000
	IL1b	5.754	3.010	11.000	0.000	0.000	1.487	1.259	1.756	0.000	0.000	2.062	1.218	3.492	0.007	0.020	1.161	0.981	1.374	0.082	0.134
	IL1RA	6.171	3.265	11.661	0.000	0.000	2.176	1.766	2.680	0.000	0.000	1.239	0.790	1.945	0.351	0.526	0.947	0.817	1.097	0.466	0.607
IL12 family	IL12p40	0.352	0.229	0.542	0.000	0.000	0.573	0.486	0.675	0.000	0.000	0.826	0.522	1.305	0.412	0.604	0.820	0.694	0.969	0.020	0.036
	IL12p70	1.414	0.876	2.281	0.156	0.187	0.846	0.712	1.006	0.059	0.082	0.808	0.524	1.247	0.336	0.526	0.746	0.625	0.890	0.001	0.003
	IL23	1.064	0.670	1.689	0.793	0.806	0.785	0.662	0.932	0.006	0.009	0.339	0.202	0.569	0.000	0.000	0.445	0.365	0.543	0.000	0.000
	IL27	2.691	1.564	4.629	0.000	0.001	1.317	1.109	1.563	0.002	0.004	0.997	0.650	1.530	0.990	0.990	0.884	0.762	1.026	0.104	0.164
IL17 family	IL17A	1.123	0.727	1.734	0.602	0.634	0.781	0.662	0.920	0.003	0.006	0.724	0.487	1.076	0.110	0.210	0.805	0.691	0.937	0.005	0.011
	IL17F	1.325	0.890	1.972	0.166	0.193	0.995	0.845	1.172	0.951	0.951	0.442	0.268	0.729	0.001	0.005	0.538	0.444	0.651	0.000	0.000
	IL22	0.435	0.270	0.700	0.001	0.001	0.448	0.361	0.555	0.000	0.000	2.197	1.437	3.359	0.000	0.001	1.198	1.032	1.390	0.018	0.033
IL2 family	IL15	1.358	0.879	2.097	0.167	0.193	0.841	0.713	0.992	0.040	0.061	0.528	0.319	0.874	0.013	0.034	0.675	0.563	0.808	0.000	0.000
	IL2	4.747	2.716	8.297	0.000	0.000	1.729	1.459	2.050	0.000	0.000	0.375	0.232	0.605	0.000	0.000	0.564	0.468	0.679	0.000	0.000
	IL21	1.555	1.045	2.314	0.030	0.040	0.947	0.805	1.115	0.512	0.580	0.368	0.213	0.637	0.000	0.001	0.611	0.510	0.733	0.000	0.000
	IL4	0.566	0.359	0.893	0.014	0.021	0.609	0.512	0.724	0.000	0.000	1.684	1.058	2.680	0.028	0.067	0.958	0.820	1.118	0.587	0.677
	IL7	5.319	2.720	10.402	0.000	0.000	1.364	1.157	1.608	0.000	0.001	1.151	0.733	1.807	0.542	0.707	1.005	0.861	1.172	0.954	0.954
	IL9	3.055	1.815	5.142	0.000	0.000	1.377	1.153	1.643	0.000	0.001	1.005	0.636	1.587	0.985	0.990	1.082	0.935	1.252	0.291	0.397
IL6 (gp130) cytokine family	IL31	2.687	1.618	4.464	0.000	0.000	1.096	0.928	1.295	0.278	0.341	2.028	1.246	3.300	0.004	0.014	1.232	1.039	1.460	0.016	0.032
	IL6	1.311	0.879	1.955	0.184	0.208	0.983	0.837	1.154	0.830	0.859	1.475	0.930	2.339	0.099	0.197	1.214	1.048	1.408	0.010	0.020
	LIF	1.444	0.912	2.287	0.117	0.146	0.848	0.720	0.999	0.049	0.070	0.469	0.294	0.750	0.002	0.005	0.667	0.558	0.797	0.000	0.000
Neurotrophic/stimulating factors	BDNF	1.898	1.239	2.907	0.003	0.005	1.022	0.871	1.198	0.793	0.835	0.261	0.148	0.461	0.000	0.000	0.498	0.411	0.602	0.000	0.000
	CSF1 (M-CSF)	0.167	0.088	0.315	0.000	0.000	0.451	0.375	0.543	0.000	0.000	1.096	0.767	1.566	0.614	0.784	0.914	0.784	1.066	0.253	0.361
	CSF2 (GM-CSF)	0.290	0.175	0.480	0.000	0.000	0.534	0.447	0.638	0.000	0.000	1.594	0.995	2.554	0.053	0.113	0.951	0.810	1.116	0.538	0.633
	CSF3 (G-CSF)	8.753	3.965	19.326	0.000	0.000	1.819	1.526	2.169	0.000	0.000	0.851	0.570	1.268	0.427	0.610	0.891	0.759	1.047	0.161	0.236
Other growth factors	SCF (KITLG)	4.087	2.273	7.349	0.000	0.000	1.276	1.079	1.509	0.004	0.008	0.244	0.140	0.426	0.000	0.000	0.463	0.380	0.564	0.000	0.000
	β NGF	4.686	2.504	8.770	0.000	0.000	1.107	0.913	1.341	0.301	0.354	1.998	1.202	3.321	0.008	0.021	1.302	1.107	1.530	0.001	0.004
	EGF	3.186	2.017	5.035	0.000	0.000	1.376	1.174	1.613	0.000	0.000	1.055	0.719	1.548	0.786	0.876	1.102	0.987	1.230	0.083	0.134
	FGFb	3.637	2.098	6.305	0.000	0.000	1.266	1.071	1.497	0.006	0.009	2.774	1.662	4.629	0.000	0.001	1.521	1.281	1.807	0.000	0.000
	HGF	0.754	0.492	1.154	0.194	0.215	0.656	0.549	0.785	0.000	0.000	1.047	0.633	1.732	0.857	0.902	0.993	0.838	1.178	0.940</	