Supplementary Table 1

Blood Group	Antigen Phenotype	Marker	Dominant Estimate (95% CI)	Dominant P-value	Dominant Wald Joint P-value	Additive Estimate (95% CI)	Additive P-value	Additive Wald Joint P-value
Duffy	FYA+B+	CXCL6 GCP	0.04 (0.02 - 0.06)	0.000	0.000	0.06 (0.05 - 0.07)	0.000	0.000
Duffy	FYA-B+	CXCL6 GCP	0.09 (0.07 - 0.11)	0.000	0.000			
Duffy	FYA+B+	ENA 78	0.02 (-0.00 - 0.04)	0.054	0.000	0.07 (0.06 - 0.09)	0.000	0.000
Duffy	FYA-B+	ENA 78	0.10 (0.08 - 0.13)	0.000	0.000			
Duffy	FYA+B+	EOTAXIN	0.08 (0.06 - 0.10)	0.000	0.000	0.12 (0.10 - 0.13)	0.000	0.000
Duffy	FYA-B+	EOTAXIN	0.17 (0.15 - 0.19)	0.000	0.000			
Duffy	FYA+B+	GRO	0.03 (0.01 - 0.04)	0.000	0.000	0.06 (0.05 - 0.07)	0.000	0.000
Duffy	FYA-B+	GRO	0.09 (0.07 - 0.10)	0.000	0.000			
Duffy	FYA+B+	MCP 1	0.08 (0.07 - 0.10)	0.000	0.000	0.12 (0.11 - 0.13)	0.000	0.000
Duffy	FYA-B+	MCP 1	0.17 (0.15 - 0.18)	0.000	0.000			
Duffy	FYA+B+	MCP 4	0.09 (0.06 - 0.12)	0.000	0.000	0.15 (0.12 - 0.17)	0.000	0.000
Duffy	FYA-B+	MCP 4	0.21 (0.18 - 0.24)	0.000	0.000			
Duffy	FYA+B+	TARC	0.03 (0.01 - 0.05)	0.009	0.000	0.05 (0.03 - 0.07)	0.000	0.000
Duffy	FYA-B+	TARC	0.07 (0.05 - 0.10)	0.000	0.000			
ABO	abA	SGP130	-0.02 (-0.03 - -0.01)	0.000	0.000	-0.02 (-0.04 - -0.01)	0.007	0.000
ABO	abAB	SGP130	-0.00 (-0.02 - 0.02)	0.945	0.000	-0.01 (-0.04 - 0.02)	0.587	0.000
ABO	abB	SGP130	0.01 (0.00 - 0.02)	0.032	0.000	0.02 (-0.00 - 0.04)	0.104	0.000
ABO	abA	SVEGFR2	-0.04 (-0.05 - -0.03)	0.000	0.000	-0.03 (-0.05 - -0.01)	0.000	0.000
ABO	abAB	SVEGFR2	-0.03 (-0.05 - -0.01)	0.006	0.000	-0.02 (-0.06 - 0.01)	0.181	0.000
ABO	abB	SVEGFR2	0.00 (-0.01 - 0.02)	0.708	0.000	0.02 (-0.01 - 0.04)	0.178	0.000
ABO	abA	SVEGFR3	-0.08 (-0.10 - -0.05)	0.000	0.000	-0.09 (-0.14 - -0.05)	0.000	0.000
ABO	abAB	SVEGFR3	-0.03 (-0.07 - 0.02)	0.304	0.000	0.04 (-0.06 - 0.14)	0.470	0.000
ABO	abB	SVEGFR3	0.03 (-0.00 - 0.07)	0.068	0.000	0.09 (-0.00 - 0.17)	0.052	0.000

Supplementary Table 2

Blood Group	Antigen Phenotype	Marker	Estimate (95% CI)	P-value	Wald Joint P-value	Bonferroni Significant?	Logistic Model?	Converged?
Secretor	Nonsecretor	ADIPONECTIN	-0.00 (-0.04 - 0.04)	0.997	0.997	FALSE	FALSE	Converged
Secretor	Nonsecretor	ADIPSIN	0.03 (0.00 - 0.05)	0.030	0.030	FALSE	FALSE	Converged
Secretor	Nonsecretor	AMYLIN	0.01 (-0.04 - 0.07)	0.602	0.602	FALSE	FALSE	Converged
Secretor	Nonsecretor	BCA 1	0.01 (-0.02 - 0.03)	0.584	0.584	FALSE	FALSE	Converged
Secretor	Nonsecretor	C PEPTIDE	0.01 (-0.03 - 0.06)	0.587	0.587	FALSE	FALSE	Converged
Secretor	Nonsecretor	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.146	0.146	FALSE	FALSE	Converged
Secretor	Nonsecretor	CCL20 MIP3A	-0.00 (-0.04 - 0.04)	0.907	0.907	FALSE	FALSE	Converged
Secretor	Nonsecretor	CRP	0.03 (-0.01 - 0.08)	0.145	0.145	FALSE	FALSE	Converged
Secretor	Nonsecretor	CTACK	0.02 (0.01 - 0.03)	0.001	0.001	FALSE	FALSE	Converged
Secretor	Nonsecretor	CXCL11 I TAC	-0.01 (-0.04 - 0.01)	0.347	0.347	FALSE	FALSE	Converged
Secretor	Nonsecretor	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.191	0.191	FALSE	FALSE	Converged
Secretor	Nonsecretor	CXCL9 MIG	0.02 (-0.00 - 0.04)	0.051	0.051	FALSE	FALSE	Converged
Secretor	Nonsecretor	EGF	-0.01 (-0.05 - 0.03)	0.555	0.555	FALSE	FALSE	Converged
Secretor	Nonsecretor	ENA 78	-0.01 (-0.04 - 0.01)	0.214	0.214	FALSE	FALSE	Converged
Secretor	Nonsecretor	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.863	0.863	FALSE	FALSE	Converged
Secretor	Nonsecretor	EOTAXIN	-0.00 (-0.02 - 0.02)	0.921	0.921	FALSE	FALSE	Converged
Secretor	Nonsecretor	G CSF	-0.03 (-0.06 - 0.01)	0.119	0.119	FALSE	FALSE	Converged
Secretor	Nonsecretor	GIP	-0.04 (-0.11 - 0.03)	0.242	0.243	FALSE	FALSE	Converged
Secretor	Nonsecretor	GRO	0.00 (-0.02 - 0.02)	0.994	0.994	FALSE	FALSE	Converged
Secretor	Nonsecretor	IL 13	-0.18 (-0.69 - 0.32)	0.476	0.478	FALSE	FALSE	Converged
Secretor	Nonsecretor	IL 16	-0.02 (-0.06 - 0.02)	0.346	0.346	FALSE	FALSE	Converged
Secretor	Nonsecretor	IL 17	0.02 (-0.07 - 0.10)	0.724	0.724	FALSE	FALSE	Converged
Secretor	Nonsecretor	IL 23	-0.35 (-0.76 - 0.05)	0.087	0.090	FALSE	FALSE	Converged
Secretor	Nonsecretor	IL 8	-0.00 (-0.04 - 0.03)	0.872	0.872	FALSE	FALSE	Converged
Secretor	Nonsecretor	INSULIN	0.02 (-0.05 - 0.09)	0.599	0.599	FALSE	FALSE	Converged
Secretor	Nonsecretor	IP 10	-0.00 (-0.02 - 0.01)	0.649	0.649	FALSE	FALSE	Converged
Secretor	Nonsecretor	LEPTIN	0.02 (-0.05 - 0.08)	0.631	0.631	FALSE	FALSE	Converged
Secretor	Nonsecretor	LIPOCALIN 2 NGAL	0.05 (0.00 - 0.09)	0.037	0.038	FALSE	FALSE	Converged
Secretor	Nonsecretor	MCP 1	-0.00 (-0.02 - 0.01)	0.838	0.838	FALSE	FALSE	Converged
Secretor	Nonsecretor	MCP 2	-0.02 (-0.04 - 0.01)	0.199	0.199	FALSE	FALSE	Converged
Secretor	Nonsecretor	MCP 4	-0.02 (-0.05 - 0.01)	0.273	0.273	FALSE	FALSE	Converged
Secretor	Nonsecretor	MDC	0.01 (-0.01 - 0.03)	0.172	0.172	FALSE	FALSE	Converged
Secretor	Nonsecretor	MIP 1B	-0.01 (-0.03 - 0.02)	0.673	0.673	FALSE	FALSE	Converged
Secretor	Nonsecretor	MIP 1D	-0.01 (-0.03 - 0.01)	0.261	0.262	FALSE	FALSE	Converged
Secretor	Nonsecretor	PAI 1	0.02 (-0.01 - 0.04)	0.185	0.185	FALSE	FALSE	Converged
Secretor	Nonsecretor	PP	-0.09 (-0.16 - -0.01)	0.026	0.027	FALSE	FALSE	Converged
Secretor	Nonsecretor	RESISTIN	0.04 (0.01 - 0.07)	0.011	0.012	FALSE	FALSE	Converged
Secretor	Nonsecretor	SAA	0.02 (-0.03 - 0.07)	0.388	0.388	FALSE	FALSE	Converged
Secretor	Nonsecretor	SAP	0.01 (-0.01 - 0.02)	0.243	0.243	FALSE	FALSE	Converged
Secretor	Nonsecretor	SDF 1A B	0.00 (-0.02 - 0.02)	0.990	0.990	FALSE	FALSE	Converged
Secretor	Nonsecretor	SEGFR	0.00 (-0.01 - 0.01)	0.717	0.717	FALSE	FALSE	Converged
Secretor	Nonsecretor	SGP130	0.01 (0.00 - 0.02)	0.030	0.030	FALSE	FALSE	Converged
Secretor	Nonsecretor	SIL4R	0.00 (-0.01 - 0.01)	0.867	0.867	FALSE	FALSE	Converged
Secretor	Nonsecretor	SIL6R	0.00 (-0.01 - 0.02)	0.455	0.455	FALSE	FALSE	Converged
Secretor	Nonsecretor	SILRII	0.01 (-0.01 - 0.02)	0.316	0.317	FALSE	FALSE	Converged
Secretor	Nonsecretor	STNFRI	-0.00 (-0.02 - 0.01)	0.672	0.672	FALSE	FALSE	Converged
Secretor	Nonsecretor	STNFRII	0.01 (-0.01 - 0.02)	0.383	0.383	FALSE	FALSE	Converged
Secretor	Nonsecretor	SVEGFR2	0.00 (-0.01 - 0.01)	0.818	0.818	FALSE	FALSE	Converged
Secretor	Nonsecretor	SVEGFR3	0.03 (-0.00 - 0.05)	0.079	0.079	FALSE	FALSE	Converged
Secretor	Nonsecretor	TARC	-0.00 (-0.03 - 0.02)	0.952	0.952	FALSE	FALSE	Converged
Secretor	Nonsecretor	TGF A	0.02 (-0.03 - 0.06)	0.477	0.477	FALSE	FALSE	Converged
Secretor	Nonsecretor	TGF B1	0.03 (-0.02 - 0.09)	0.206	0.206	FALSE	FALSE	Converged
Secretor	Nonsecretor	TNFA	0.01 (-0.01 - 0.03)	0.361	0.361	FALSE	FALSE	Converged
Secretor	Nonsecretor	TPO	-0.03 (-0.10 - 0.03)	0.285	0.285	FALSE	FALSE	Converged
Secretor	Nonsecretor	TRAIL	0.01 (-0.02 - 0.03)	0.576	0.576	FALSE	FALSE	Converged
Secretor	Nonsecretor	VEGF	0.00 (-0.05 - 0.06)	0.921	0.921	FALSE	FALSE	Converged
Secretor	Nonsecretor	X6CKINE	0.01 (-0.02 - 0.04)	0.577	0.577	FALSE	FALSE	Converged
Dombrock	DoA+B+	ADIPONECTIN	0.04 (0.01 - 0.07)	0.011	0.040	FALSE	FALSE	Converged
Dombrock	DoA-B+	ADIPONECTIN	0.03 (-0.02 - 0.07)	0.216	0.040	FALSE	FALSE	Converged
Dombrock	DoA+B+	ADIPSIN	-0.00 (-0.02 - 0.01)	0.644	0.898	FALSE	FALSE	Converged
Dombrock	DoA-B+	ADIPSIN	-0.00 (-0.03 - 0.02)	0.785	0.898	FALSE	FALSE	Converged
Dombrock	DoA+B+	AMYLIN	0.03 (-0.02 - 0.07)	0.205	0.445	FALSE	FALSE	Converged
Dombrock	DoA-B+	AMYLIN	0.01 (-0.05 - 0.07)	0.673	0.445	FALSE	FALSE	Converged
Dombrock	DoA+B+	BCA 1	0.01 (-0.00 - 0.03)	0.083	0.218	FALSE	FALSE	Converged
Dombrock	DoA-B+	BCA 1	0.01 (-0.02 - 0.03)	0.594	0.218	FALSE	FALSE	Converged
Dombrock	DoA+B+	C PEPTIDE	0.03 (-0.00 - 0.07)	0.080	0.213	FALSE	FALSE	Converged
Dombrock	DoA-B+	C PEPTIDE	0.02 (-0.03 - 0.07)	0.385	0.213	FALSE	FALSE	Converged
Dombrock	DoA+B+	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.175	0.003	FALSE	FALSE	Converged
Dombrock	DoA-B+	CCL19 MIP3B	-0.04 (-0.06 - -0.02)	0.001	0.003	FALSE	FALSE	Converged
Dombrock	DoA+B+	CCL20 MIP3A	-0.01 (-0.05 - 0.02)	0.373	0.040	FALSE	FALSE	Converged
Dombrock	DoA-B+	CCL20 MIP3A	-0.05 (-0.10 - -0.01)	0.012	0.040	FALSE	FALSE	Converged
Dombrock	DoA+B+	CRP	-0.02 (-0.05 - 0.02)	0.342	0.483	FALSE	FALSE	Converged

Dombrock	DoA-B+	CRP	-0.03 (-0.07 - 0.02)	0.282	0.483	FALSE	FALSE	Converged
Dombrock	DoA+B+	CTACK	0.00 (-0.01 - 0.01)	0.404	0.586	FALSE	FALSE	Converged
Dombrock	DoA-B+	CTACK	0.01 (-0.01 - 0.02)	0.368	0.586	FALSE	FALSE	Converged
Dombrock	DoA+B+	CXCL11 I TAC	-0.00 (-0.02 - 0.02)	0.864	0.896	FALSE	FALSE	Converged
Dombrock	DoA-B+	CXCL11 I TAC	0.00 (-0.02 - 0.03)	0.744	0.896	FALSE	FALSE	Converged
Dombrock	DoA+B+	CXCL6 GCP2	-0.01 (-0.03 - 0.00)	0.089	0.230	FALSE	FALSE	Converged
Dombrock	DoA-B+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.349	0.230	FALSE	FALSE	Converged
Dombrock	DoA+B+	CXCL9 MIG	0.01 (-0.01 - 0.03)	0.358	0.076	FALSE	FALSE	Converged
Dombrock	DoA-B+	CXCL9 MIG	-0.02 (-0.05 - 0.01)	0.131	0.076	FALSE	FALSE	Converged
Dombrock	DoA+B+	EGF	0.02 (-0.02 - 0.05)	0.372	0.315	FALSE	FALSE	Converged
Dombrock	DoA-B+	EGF	0.04 (-0.01 - 0.08)	0.134	0.315	FALSE	FALSE	Converged
Dombrock	DoA+B+	ENA 78	-0.01 (-0.03 - 0.00)	0.087	0.121	FALSE	FALSE	Converged
Dombrock	DoA-B+	ENA 78	-0.02 (-0.04 - 0.00)	0.079	0.121	FALSE	FALSE	Converged
Dombrock	DoA+B+	EOTAXIN 2	0.00 (-0.02 - 0.03)	0.685	0.920	FALSE	FALSE	Converged
Dombrock	DoA-B+	EOTAXIN 2	0.00 (-0.03 - 0.04)	0.823	0.920	FALSE	FALSE	Converged
Dombrock	DoA+B+	EOTAXIN	0.01 (-0.00 - 0.03)	0.064	0.178	FALSE	FALSE	Converged
Dombrock	DoA-B+	EOTAXIN	0.01 (-0.01 - 0.03)	0.346	0.178	FALSE	FALSE	Converged
Dombrock	DoA+B+	G CSF	0.02 (-0.01 - 0.05)	0.135	0.303	FALSE	FALSE	Converged
Dombrock	DoA-B+	G CSF	0.02 (-0.02 - 0.05)	0.330	0.303	FALSE	FALSE	Converged
Dombrock	DoA+B+	GIP	-0.00 (-0.06 - 0.06)	0.995	0.811	FALSE	FALSE	Converged
Dombrock	DoA-B+	GIP	0.02 (-0.06 - 0.11)	0.556	0.811	FALSE	FALSE	Converged
Dombrock	DoA+B+	GRO	-0.00 (-0.01 - 0.01)	0.584	0.554	FALSE	FALSE	Converged
Dombrock	DoA-B+	GRO	0.00 (-0.01 - 0.02)	0.537	0.554	FALSE	FALSE	Converged
Dombrock	DoA+B+	IL 13	0.17 (-0.09 - 0.44)	0.197	0.434	FALSE	FALSE	Converged
Dombrock	DoA-B+	IL 13	0.09 (-0.25 - 0.43)	0.599	0.434	FALSE	FALSE	Converged
Dombrock	DoA+B+	IL 16	0.01 (-0.02 - 0.05)	0.454	0.386	FALSE	FALSE	Converged
Dombrock	DoA-B+	IL 16	-0.02 (-0.06 - 0.03)	0.482	0.386	FALSE	FALSE	Converged
Dombrock	DoA+B+	IL 17	-0.01 (-0.08 - 0.05)	0.692	0.139	FALSE	FALSE	Converged
Dombrock	DoA-B+	IL 17	-0.08 (-0.16 - 0.00)	0.054	0.139	FALSE	FALSE	Converged
Dombrock	DoA+B+	IL 23	0.01 (-0.24 - 0.25)	0.940	0.486	FALSE	FALSE	Converged
Dombrock	DoA-B+	IL 23	0.19 (-0.13 - 0.51)	0.243	0.486	FALSE	FALSE	Converged
Dombrock	DoA+B+	IL 8	0.01 (-0.02 - 0.04)	0.497	0.554	FALSE	FALSE	Converged
Dombrock	DoA-B+	IL 8	0.02 (-0.02 - 0.06)	0.288	0.554	FALSE	FALSE	Converged
Dombrock	DoA+B+	INSULIN	0.06 (0.01 - 0.11)	0.022	0.051	FALSE	FALSE	Converged
Dombrock	DoA-B+	INSULIN	0.01 (-0.06 - 0.08)	0.863	0.051	FALSE	FALSE	Converged
Dombrock	DoA+B+	IP 10	-0.00 (-0.02 - 0.01)	0.717	0.478	FALSE	FALSE	Converged
Dombrock	DoA-B+	IP 10	-0.01 (-0.03 - 0.01)	0.228	0.478	FALSE	FALSE	Converged
Dombrock	DoA+B+	LEPTIN	0.07 (0.01 - 0.12)	0.014	0.048	FALSE	FALSE	Converged
Dombrock	DoA-B+	LEPTIN	0.05 (-0.03 - 0.12)	0.216	0.048	FALSE	FALSE	Converged
Dombrock	DoA+B+	LIPOCALIN 2 NGAL	-0.01 (-0.05 - 0.03)	0.487	0.612	FALSE	FALSE	Converged
Dombrock	DoA-B+	LIPOCALIN 2 NGAL	-0.03 (-0.09 - 0.03)	0.346	0.612	FALSE	FALSE	Converged
Dombrock	DoA+B+	MCP 1	0.00 (-0.01 - 0.02)	0.429	0.117	FALSE	FALSE	Converged
Dombrock	DoA-B+	MCP 1	0.02 (0.00 - 0.03)	0.039	0.117	FALSE	FALSE	Converged
Dombrock	DoA+B+	MCP 2	-0.00 (-0.02 - 0.02)	0.963	0.891	FALSE	FALSE	Converged
Dombrock	DoA-B+	MCP 2	0.01 (-0.02 - 0.03)	0.682	0.891	FALSE	FALSE	Converged
Dombrock	DoA+B+	MCP 4	0.00 (-0.02 - 0.03)	0.782	0.908	FALSE	FALSE	Converged
Dombrock	DoA-B+	MCP 4	-0.00 (-0.04 - 0.03)	0.850	0.908	FALSE	FALSE	Converged
Dombrock	DoA+B+	MDC	-0.01 (-0.02 - 0.00)	0.181	0.379	FALSE	FALSE	Converged
Dombrock	DoA-B+	MDC	-0.00 (-0.02 - 0.01)	0.831	0.379	FALSE	FALSE	Converged
Dombrock	DoA+B+	MIP 1B	-0.01 (-0.03 - 0.01)	0.242	0.002	FALSE	FALSE	Converged
Dombrock	DoA-B+	MIP 1B	0.03 (0.01 - 0.06)	0.014	0.002	FALSE	FALSE	Converged
Dombrock	DoA+B+	MIP 1D	-0.01 (-0.02 - 0.01)	0.478	0.201	FALSE	FALSE	Converged
Dombrock	DoA-B+	MIP 1D	0.01 (-0.01 - 0.03)	0.266	0.201	FALSE	FALSE	Converged
Dombrock	DoA+B+	PAI 1	-0.01 (-0.03 - 0.01)	0.336	0.325	FALSE	FALSE	Converged
Dombrock	DoA-B+	PAI 1	-0.02 (-0.05 - 0.01)	0.145	0.325	FALSE	FALSE	Converged
Dombrock	DoA+B+	PP	0.02 (-0.04 - 0.08)	0.463	0.514	FALSE	FALSE	Converged
Dombrock	DoA-B+	PP	0.05 (-0.04 - 0.13)	0.269	0.514	FALSE	FALSE	Converged
Dombrock	DoA+B+	RESISTIN	-0.02 (-0.04 - 0.01)	0.206	0.425	FALSE	FALSE	Converged
Dombrock	DoA-B+	RESISTIN	-0.01 (-0.04 - 0.03)	0.754	0.425	FALSE	FALSE	Converged
Dombrock	DoA+B+	SAA	-0.01 (-0.05 - 0.02)	0.457	0.246	FALSE	FALSE	Converged
Dombrock	DoA-B+	SAA	-0.04 (-0.09 - 0.01)	0.094	0.246	FALSE	FALSE	Converged
Dombrock	DoA+B+	SAP	-0.00 (-0.01 - 0.01)	0.726	0.769	FALSE	FALSE	Converged
Dombrock	DoA-B+	SAP	-0.01 (-0.02 - 0.01)	0.469	0.769	FALSE	FALSE	Converged
Dombrock	DoA+B+	SDF 1A B	0.01 (-0.01 - 0.02)	0.281	0.524	FALSE	FALSE	Converged
Dombrock	DoA-B+	SDF 1A B	0.00 (-0.02 - 0.02)	0.906	0.524	FALSE	FALSE	Converged
Dombrock	DoA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.712	0.881	FALSE	FALSE	Converged
Dombrock	DoA-B+	SEGFR	0.00 (-0.01 - 0.01)	0.643	0.881	FALSE	FALSE	Converged
Dombrock	DoA+B+	SGP130	-0.00 (-0.01 - 0.00)	0.423	0.725	FALSE	FALSE	Converged
Dombrock	DoA-B+	SGP130	-0.00 (-0.01 - 0.01)	0.772	0.725	FALSE	FALSE	Converged
Dombrock	DoA+B+	SIL4R	-0.01 (-0.03 - -0.00)	0.036	0.040	FALSE	FALSE	Converged
Dombrock	DoA-B+	SIL4R	-0.02 (-0.04 - -0.00)	0.028	0.040	FALSE	FALSE	Converged
Dombrock	DoA+B+	SIL6R	0.01 (-0.00 - 0.01)	0.252	0.386	FALSE	FALSE	Converged
Dombrock	DoA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.245	0.386	FALSE	FALSE	Converged

Dombrock	DoA+B+	SILRII	-0.00 (-0.02 - 0.01)	0.485	0.685	FALSE	FALSE	Converged
Dombrock	DoA-B+	SILRII	-0.01 (-0.02 - 0.01)	0.441	0.685	FALSE	FALSE	Converged
Dombrock	DoA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.813	0.945	FALSE	FALSE	Converged
Dombrock	DoA-B+	STNFRI	-0.00 (-0.01 - 0.01)	0.925	0.945	FALSE	FALSE	Converged
Dombrock	DoA+B+	STNFRII	-0.00 (-0.01 - 0.01)	0.758	0.211	FALSE	FALSE	Converged
Dombrock	DoA-B+	STNFRII	-0.01 (-0.02 - 0.00)	0.089	0.211	FALSE	FALSE	Converged
Dombrock	DoA+B+	SVEGFR2	-0.00 (-0.01 - 0.01)	0.849	0.495	FALSE	FALSE	Converged
Dombrock	DoA-B+	SVEGFR2	-0.01 (-0.02 - 0.01)	0.267	0.495	FALSE	FALSE	Converged
Dombrock	DoA+B+	SVEGFR3	0.01 (-0.02 - 0.03)	0.649	0.636	FALSE	FALSE	Converged
Dombrock	DoA-B+	SVEGFR3	0.02 (-0.02 - 0.05)	0.342	0.636	FALSE	FALSE	Converged
Dombrock	DoA+B+	TARC	0.00 (-0.02 - 0.02)	0.687	0.878	FALSE	FALSE	Converged
Dombrock	DoA-B+	TARC	-0.00 (-0.03 - 0.03)	0.904	0.878	FALSE	FALSE	Converged
Dombrock	DoA+B+	TGF A	-0.01 (-0.05 - 0.02)	0.439	0.007	FALSE	FALSE	Converged
Dombrock	DoA-B+	TGF A	-0.07 (-0.12 - -0.03)	0.002	0.007	FALSE	FALSE	Converged
Dombrock	DoA+B+	TGF B1	0.00 (-0.04 - 0.04)	0.980	0.948	FALSE	FALSE	Converged
Dombrock	DoA-B+	TGF B1	-0.01 (-0.06 - 0.04)	0.797	0.948	FALSE	FALSE	Converged
Dombrock	DoA+B+	TNFA	0.01 (-0.01 - 0.03)	0.180	0.405	FALSE	FALSE	Converged
Dombrock	DoA-B+	TNFA	0.01 (-0.02 - 0.03)	0.622	0.405	FALSE	FALSE	Converged
Dombrock	DoA+B+	TPO	-0.00 (-0.05 - 0.05)	0.978	0.102	FALSE	FALSE	Converged
Dombrock	DoA-B+	TPO	-0.07 (-0.13 - 0.00)	0.057	0.102	FALSE	FALSE	Converged
Dombrock	DoA+B+	TRAIL	0.00 (-0.01 - 0.02)	0.586	0.854	FALSE	FALSE	Converged
Dombrock	DoA-B+	TRAIL	0.00 (-0.02 - 0.03)	0.707	0.854	FALSE	FALSE	Converged
Dombrock	DoA+B+	VEGF	0.02 (-0.03 - 0.06)	0.466	0.592	FALSE	FALSE	Converged
Dombrock	DoA-B+	VEGF	-0.01 (-0.07 - 0.05)	0.720	0.592	FALSE	FALSE	Converged
Dombrock	DoA+B+	X6CKINE	0.00 (-0.02 - 0.03)	0.723	0.309	FALSE	FALSE	Converged
Dombrock	DoA-B+	X6CKINE	-0.02 (-0.06 - 0.01)	0.232	0.309	FALSE	FALSE	Converged
RhE	Ee	ADIPONECTIN	-0.01 (-0.04 - 0.03)	0.641	0.257	FALSE	FALSE	Converged
RhE	ee	ADIPONECTIN	0.10 (-0.03 - 0.22)	0.124	0.257	FALSE	FALSE	Converged
RhE	Ee	ADIPSIN	-0.01 (-0.03 - 0.01)	0.264	0.523	FALSE	FALSE	Converged
RhE	ee	ADIPSIN	-0.01 (-0.08 - 0.05)	0.721	0.523	FALSE	FALSE	Converged
RhE	Ee	AMYLIN	-0.01 (-0.07 - 0.04)	0.687	0.518	FALSE	FALSE	Converged
RhE	ee	AMYLIN	0.07 (-0.06 - 0.20)	0.304	0.518	FALSE	FALSE	Converged
RhE	Ee	BCA 1	-0.00 (-0.02 - 0.02)	0.678	0.070	FALSE	FALSE	Converged
RhE	ee	BCA 1	-0.07 (-0.13 - -0.01)	0.022	0.070	FALSE	FALSE	Converged
RhE	Ee	C PEPTIDE	-0.01 (-0.07 - 0.04)	0.569	0.207	FALSE	FALSE	Converged
RhE	ee	C PEPTIDE	0.08 (-0.02 - 0.18)	0.103	0.207	FALSE	FALSE	Converged
RhE	Ee	CCL19 MIP3B	-0.02 (-0.04 - -0.00)	0.041	0.022	FALSE	FALSE	Converged
RhE	ee	CCL19 MIP3B	-0.06 (-0.13 - -0.00)	0.046	0.022	FALSE	FALSE	Converged
RhE	Ee	CCL20 MIP3A	-0.01 (-0.05 - 0.03)	0.610	0.854	FALSE	FALSE	Converged
RhE	ee	CCL20 MIP3A	0.01 (-0.11 - 0.13)	0.844	0.854	FALSE	FALSE	Converged
RhE	Ee	CRP	-0.02 (-0.07 - 0.02)	0.260	0.490	FALSE	FALSE	Converged
RhE	ee	CRP	-0.04 (-0.21 - 0.13)	0.650	0.490	FALSE	FALSE	Converged
RhE	Ee	CTACK	0.02 (0.01 - 0.03)	0.000	0.001	FALSE	FALSE	Converged
RhE	ee	CTACK	0.01 (-0.02 - 0.05)	0.444	0.001	FALSE	FALSE	Converged
RhE	Ee	CXCL11 I TAC	-0.00 (-0.03 - 0.02)	0.899	0.272	FALSE	FALSE	Converged
RhE	ee	CXCL11 I TAC	-0.07 (-0.15 - 0.01)	0.106	0.272	FALSE	FALSE	Converged
RhE	Ee	CXCL6 GCP2	0.00 (-0.01 - 0.02)	0.710	0.928	FALSE	FALSE	Converged
RhE	ee	CXCL6 GCP2	-0.00 (-0.07 - 0.06)	0.935	0.928	FALSE	FALSE	Converged
RhE	Ee	CXCL9 MIG	-0.01 (-0.03 - 0.02)	0.558	0.751	FALSE	FALSE	Converged
RhE	ee	CXCL9 MIG	-0.02 (-0.09 - 0.05)	0.606	0.751	FALSE	FALSE	Converged
RhE	Ee	EGF	0.00 (-0.04 - 0.04)	0.944	0.890	FALSE	FALSE	Converged
RhE	ee	EGF	0.03 (-0.10 - 0.16)	0.630	0.890	FALSE	FALSE	Converged
RhE	Ee	ENA 78	0.01 (-0.01 - 0.04)	0.160	0.331	FALSE	FALSE	Converged
RhE	ee	ENA 78	0.02 (-0.06 - 0.10)	0.575	0.331	FALSE	FALSE	Converged
RhE	Ee	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.951	0.978	FALSE	FALSE	Converged
RhE	ee	EOTAXIN 2	0.01 (-0.07 - 0.08)	0.837	0.978	FALSE	FALSE	Converged
RhE	Ee	EOTAXIN	0.00 (-0.01 - 0.02)	0.650	0.821	FALSE	FALSE	Converged
RhE	ee	EOTAXIN	0.01 (-0.03 - 0.06)	0.637	0.821	FALSE	FALSE	Converged
RhE	Ee	G CSF	0.00 (-0.03 - 0.03)	0.993	0.675	FALSE	FALSE	Converged
RhE	ee	G CSF	-0.05 (-0.15 - 0.06)	0.377	0.675	FALSE	FALSE	Converged
RhE	Ee	GIP	-0.05 (-0.12 - 0.02)	0.169	0.001	FALSE	FALSE	Converged
RhE	ee	GIP	0.33 (0.14 - 0.53)	0.001	0.001	FALSE	FALSE	Converged
RhE	Ee	GRO	0.00 (-0.01 - 0.02)	0.806	0.565	FALSE	FALSE	Converged
RhE	ee	GRO	0.03 (-0.02 - 0.07)	0.292	0.565	FALSE	FALSE	Converged
RhE	Ee	IL 13	0.47 (0.14 - 0.79)	0.005	0.000	FALSE	FALSE	Converged
RhE	ee	IL 13	-0.81 (-1.41 - -0.22)	0.007	0.000	FALSE	FALSE	Converged
RhE	Ee	IL 16	-0.03 (-0.07 - 0.01)	0.134	0.295	FALSE	FALSE	Converged
RhE	ee	IL 16	-0.04 (-0.21 - 0.12)	0.597	0.295	FALSE	FALSE	Converged
RhE	Ee	IL 17	-0.01 (-0.09 - 0.06)	0.749	0.151	FALSE	FALSE	Converged
RhE	ee	IL 17	0.26 (-0.01 - 0.53)	0.058	0.151	FALSE	FALSE	Converged
RhE	Ee	IL 23	0.13 (-0.14 - 0.41)	0.347	0.592	FALSE	FALSE	Converged
RhE	ee	IL 23	-0.01 (-0.39 - 0.36)	0.942	0.592	FALSE	FALSE	Converged
RhE	Ee	IL 8	0.01 (-0.03 - 0.04)	0.751	0.920	FALSE	FALSE	Converged

RhE	ee	IL 8	0.02 (-0.12 - 0.16)	0.786	0.920	FALSE	FALSE	Converged
RhE	Ee	INSULIN	0.01 (-0.05 - 0.08)	0.703	0.603	FALSE	FALSE	Converged
RhE	ee	INSULIN	0.08 (-0.08 - 0.24)	0.338	0.603	FALSE	FALSE	Converged
RhE	Ee	IP 10	-0.02 (-0.03 - 0.00)	0.090	0.083	FALSE	FALSE	Converged
RhE	ee	IP 10	-0.04 (-0.08 - 0.01)	0.113	0.083	FALSE	FALSE	Converged
RhE	Ee	LEPTIN	0.00 (-0.06 - 0.07)	0.916	0.930	FALSE	FALSE	Converged
RhE	ee	LEPTIN	-0.03 (-0.20 - 0.14)	0.723	0.930	FALSE	FALSE	Converged
RhE	Ee	LIPOCALIN 2 NGAL	-0.07 (-0.13 - -0.01)	0.030	0.032	FALSE	FALSE	Converged
RhE	ee	LIPOCALIN 2 NGAL	-0.29 (-0.67 - 0.09)	0.130	0.032	FALSE	FALSE	Converged
RhE	Ee	MCP 1	-0.00 (-0.02 - 0.01)	0.711	0.673	FALSE	FALSE	Converged
RhE	ee	MCP 1	-0.02 (-0.06 - 0.02)	0.405	0.673	FALSE	FALSE	Converged
RhE	Ee	MCP 2	0.01 (-0.01 - 0.03)	0.305	0.000	FALSE	FALSE	Converged
RhE	ee	MCP 2	0.09 (0.05 - 0.13)	0.000	0.000	FALSE	FALSE	Converged
RhE	Ee	MCP 4	0.01 (-0.02 - 0.04)	0.685	0.920	FALSE	FALSE	Converged
RhE	ee	MCP 4	0.00 (-0.09 - 0.09)	0.934	0.920	FALSE	FALSE	Converged
RhE	Ee	MDC	-0.00 (-0.02 - 0.01)	0.778	0.934	FALSE	FALSE	Converged
RhE	ee	MDC	-0.01 (-0.06 - 0.05)	0.799	0.934	FALSE	FALSE	Converged
RhE	Ee	MIP 1B	0.02 (-0.01 - 0.04)	0.182	0.221	FALSE	FALSE	Converged
RhE	ee	MIP 1B	0.05 (-0.03 - 0.14)	0.225	0.221	FALSE	FALSE	Converged
RhE	Ee	MIP 1D	0.02 (-0.00 - 0.04)	0.104	0.245	FALSE	FALSE	Converged
RhE	ee	MIP 1D	-0.01 (-0.06 - 0.05)	0.775	0.245	FALSE	FALSE	Converged
RhE	Ee	PAI 1	-0.02 (-0.04 - 0.01)	0.161	0.007	FALSE	FALSE	Converged
RhE	ee	PAI 1	-0.11 (-0.19 - -0.04)	0.003	0.007	FALSE	FALSE	Converged
RhE	Ee	PP	-0.06 (-0.14 - 0.01)	0.104	0.090	FALSE	FALSE	Converged
RhE	ee	PP	0.13 (-0.06 - 0.31)	0.179	0.090	FALSE	FALSE	Converged
RhE	Ee	RESISTIN	-0.01 (-0.04 - 0.03)	0.662	0.001	FALSE	FALSE	Converged
RhE	ee	RESISTIN	-0.22 (-0.33 - -0.11)	0.000	0.001	FALSE	FALSE	Converged
RhE	Ee	SAA	-0.02 (-0.06 - 0.02)	0.316	0.583	FALSE	FALSE	Converged
RhE	ee	SAA	-0.03 (-0.18 - 0.12)	0.731	0.583	FALSE	FALSE	Converged
RhE	Ee	SAP	-0.01 (-0.02 - 0.00)	0.179	0.282	FALSE	FALSE	Converged
RhE	ee	SAP	0.01 (-0.03 - 0.05)	0.470	0.282	FALSE	FALSE	Converged
RhE	Ee	SDF 1A B	0.01 (-0.01 - 0.02)	0.240	0.370	FALSE	FALSE	Converged
RhE	ee	SDF 1A B	0.02 (-0.03 - 0.08)	0.389	0.370	FALSE	FALSE	Converged
RhE	Ee	SEGFR	0.01 (-0.00 - 0.01)	0.130	0.272	FALSE	FALSE	Converged
RhE	ee	SEGFR	0.01 (-0.01 - 0.03)	0.496	0.272	FALSE	FALSE	Converged
RhE	Ee	SGP130	0.00 (-0.01 - 0.01)	0.492	0.643	FALSE	FALSE	Converged
RhE	ee	SGP130	-0.01 (-0.04 - 0.02)	0.556	0.643	FALSE	FALSE	Converged
RhE	Ee	SIL4R	-0.00 (-0.02 - 0.01)	0.879	0.773	FALSE	FALSE	Converged
RhE	ee	SIL4R	-0.02 (-0.08 - 0.04)	0.479	0.773	FALSE	FALSE	Converged
RhE	Ee	SIL6R	0.01 (-0.00 - 0.02)	0.254	0.504	FALSE	FALSE	Converged
RhE	ee	SIL6R	0.01 (-0.04 - 0.05)	0.742	0.504	FALSE	FALSE	Converged
RhE	Ee	SILRII	0.02 (0.00 - 0.03)	0.014	0.019	FALSE	FALSE	Converged
RhE	ee	SILRII	-0.04 (-0.10 - 0.02)	0.220	0.019	FALSE	FALSE	Converged
RhE	Ee	STNFRI	0.01 (-0.00 - 0.02)	0.133	0.278	FALSE	FALSE	Converged
RhE	ee	STNFRI	-0.01 (-0.04 - 0.03)	0.671	0.278	FALSE	FALSE	Converged
RhE	Ee	STNFRII	0.01 (-0.01 - 0.02)	0.363	0.356	FALSE	FALSE	Converged
RhE	ee	STNFRII	-0.02 (-0.06 - 0.02)	0.291	0.356	FALSE	FALSE	Converged
RhE	Ee	SVEGFR2	0.00 (-0.01 - 0.01)	0.583	0.856	FALSE	FALSE	Converged
RhE	ee	SVEGFR2	-0.00 (-0.03 - 0.03)	0.954	0.856	FALSE	FALSE	Converged
RhE	Ee	SVEGFR3	0.02 (-0.01 - 0.05)	0.193	0.370	FALSE	FALSE	Converged
RhE	ee	SVEGFR3	-0.02 (-0.11 - 0.07)	0.655	0.370	FALSE	FALSE	Converged
RhE	Ee	TARC	0.01 (-0.01 - 0.04)	0.306	0.590	FALSE	FALSE	Converged
RhE	ee	TARC	0.01 (-0.08 - 0.10)	0.876	0.590	FALSE	FALSE	Converged
RhE	Ee	TGF A	-0.00 (-0.04 - 0.04)	0.928	0.942	FALSE	FALSE	Converged
RhE	ee	TGF A	-0.02 (-0.17 - 0.12)	0.735	0.942	FALSE	FALSE	Converged
RhE	Ee	TGF B1	0.02 (-0.03 - 0.07)	0.413	0.004	FALSE	FALSE	Converged
RhE	ee	TGF B1	-0.06 (-0.10 - -0.01)	0.010	0.004	FALSE	FALSE	Converged
RhE	Ee	TNFA	-0.00 (-0.02 - 0.02)	0.818	0.971	FALSE	FALSE	Converged
RhE	ee	TNFA	-0.00 (-0.07 - 0.06)	0.923	0.971	FALSE	FALSE	Converged
RhE	Ee	TPO	-0.04 (-0.10 - 0.02)	0.231	0.488	FALSE	FALSE	Converged
RhE	ee	TPO	-0.01 (-0.25 - 0.23)	0.952	0.488	FALSE	FALSE	Converged
RhE	Ee	TRAIL	0.00 (-0.02 - 0.02)	0.800	0.780	FALSE	FALSE	Converged
RhE	ee	TRAIL	0.02 (-0.04 - 0.08)	0.500	0.780	FALSE	FALSE	Converged
RhE	Ee	VEGF	-0.02 (-0.07 - 0.04)	0.499	0.685	FALSE	FALSE	Converged
RhE	ee	VEGF	0.05 (-0.13 - 0.22)	0.613	0.685	FALSE	FALSE	Converged
RhE	Ee	X6CKINE	-0.00 (-0.04 - 0.03)	0.801	0.905	FALSE	FALSE	Converged
RhE	ee	X6CKINE	0.02 (-0.08 - 0.12)	0.726	0.905	FALSE	FALSE	Converged
Kidd	JkA+B+	ADIPONECTIN	0.01 (-0.03 - 0.04)	0.662	0.523	FALSE	FALSE	Converged
Kidd	JkA-B+	ADIPONECTIN	-0.01 (-0.06 - 0.03)	0.601	0.523	FALSE	FALSE	Converged
Kidd	JkA+B+	ADIPSIN	0.01 (-0.01 - 0.03)	0.350	0.190	FALSE	FALSE	Converged
Kidd	JkA-B+	ADIPSIN	0.02 (-0.00 - 0.05)	0.080	0.190	FALSE	FALSE	Converged
Kidd	JkA+B+	AMYLIN	-0.04 (-0.09 - 0.01)	0.084	0.224	FALSE	FALSE	Converged
Kidd	JkA-B+	AMYLIN	-0.02 (-0.08 - 0.03)	0.442	0.224	FALSE	FALSE	Converged

Kidd	JkA+B+	BCA 1	-0.01 (-0.03 - 0.01)	0.167	0.368	FALSE	FALSE	Converged
Kidd	JkA-B+	BCA 1	-0.00 (-0.03 - 0.02)	0.646	0.368	FALSE	FALSE	Converged
Kidd	JkA+B+	C PEPTIDE	-0.01 (-0.05 - 0.03)	0.519	0.677	FALSE	FALSE	Converged
Kidd	JkA-B+	C PEPTIDE	0.00 (-0.05 - 0.06)	0.855	0.677	FALSE	FALSE	Converged
Kidd	JkA+B+	CCL19 MIP3B	0.01 (-0.01 - 0.02)	0.588	0.379	FALSE	FALSE	Converged
Kidd	JkA-B+	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.172	0.379	FALSE	FALSE	Converged
Kidd	JkA+B+	CCL20 MIP3A	-0.01 (-0.05 - 0.02)	0.462	0.135	FALSE	FALSE	Converged
Kidd	JkA-B+	CCL20 MIP3A	0.02 (-0.02 - 0.06)	0.245	0.135	FALSE	FALSE	Converged
Kidd	JkA+B+	CRP	-0.01 (-0.05 - 0.03)	0.605	0.521	FALSE	FALSE	Converged
Kidd	JkA-B+	CRP	0.01 (-0.03 - 0.06)	0.586	0.521	FALSE	FALSE	Converged
Kidd	JkA+B+	CTACK	-0.01 (-0.02 - 0.00)	0.260	0.528	FALSE	FALSE	Converged
Kidd	JkA-B+	CTACK	-0.00 (-0.01 - 0.01)	0.586	0.528	FALSE	FALSE	Converged
Kidd	JkA+B+	CXCL11 I TAC	0.00 (-0.02 - 0.02)	0.877	0.130	FALSE	FALSE	Converged
Kidd	JkA-B+	CXCL11 I TAC	0.02 (-0.00 - 0.05)	0.080	0.130	FALSE	FALSE	Converged
Kidd	JkA+B+	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.855	0.689	FALSE	FALSE	Converged
Kidd	JkA-B+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.434	0.689	FALSE	FALSE	Converged
Kidd	JkA+B+	CXCL9 MIG	0.01 (-0.01 - 0.03)	0.541	0.021	FALSE	FALSE	Converged
Kidd	JkA-B+	CXCL9 MIG	0.03 (0.01 - 0.06)	0.010	0.021	FALSE	FALSE	Converged
Kidd	JkA+B+	EGF	-0.02 (-0.06 - 0.02)	0.266	0.153	FALSE	FALSE	Converged
Kidd	JkA-B+	EGF	-0.04 (-0.08 - 0.00)	0.053	0.153	FALSE	FALSE	Converged
Kidd	JkA+B+	ENA 78	-0.00 (-0.02 - 0.02)	0.762	0.934	FALSE	FALSE	Converged
Kidd	JkA-B+	ENA 78	-0.00 (-0.02 - 0.02)	0.997	0.934	FALSE	FALSE	Converged
Kidd	JkA+B+	EOTAXIN 2	0.01 (-0.01 - 0.04)	0.276	0.443	FALSE	FALSE	Converged
Kidd	JkA-B+	EOTAXIN 2	0.02 (-0.01 - 0.05)	0.237	0.443	FALSE	FALSE	Converged
Kidd	JkA+B+	EOTAXIN	-0.00 (-0.02 - 0.01)	0.916	0.345	FALSE	FALSE	Converged
Kidd	JkA-B+	EOTAXIN	-0.01 (-0.03 - 0.01)	0.191	0.345	FALSE	FALSE	Converged
Kidd	JkA+B+	G CSF	0.00 (-0.03 - 0.03)	0.995	0.968	FALSE	FALSE	Converged
Kidd	JkA-B+	G CSF	0.00 (-0.03 - 0.04)	0.831	0.968	FALSE	FALSE	Converged
Kidd	JkA+B+	GIP	-0.00 (-0.07 - 0.06)	0.884	0.851	FALSE	FALSE	Converged
Kidd	JkA-B+	GIP	-0.02 (-0.10 - 0.05)	0.587	0.851	FALSE	FALSE	Converged
Kidd	JkA+B+	GRO	-0.01 (-0.02 - 0.00)	0.079	0.204	FALSE	FALSE	Converged
Kidd	JkA-B+	GRO	-0.01 (-0.02 - 0.01)	0.244	0.204	FALSE	FALSE	Converged
Kidd	JkA+B+	IL 13	-0.34 (-0.68 - -0.01)	0.045	0.109	FALSE	FALSE	Converged
Kidd	JkA-B+	IL 13	-0.35 (-0.72 - 0.01)	0.058	0.109	FALSE	FALSE	Converged
Kidd	JkA+B+	IL 16	-0.02 (-0.05 - 0.02)	0.402	0.594	FALSE	FALSE	Converged
Kidd	JkA-B+	IL 16	-0.02 (-0.07 - 0.02)	0.345	0.594	FALSE	FALSE	Converged
Kidd	JkA+B+	IL 17	-0.03 (-0.10 - 0.04)	0.361	0.628	FALSE	FALSE	Converged
Kidd	JkA-B+	IL 17	-0.03 (-0.11 - 0.05)	0.441	0.628	FALSE	FALSE	Converged
Kidd	JkA+B+	IL 23	-0.07 (-0.39 - 0.25)	0.676	0.916	FALSE	FALSE	Converged
Kidd	JkA-B+	IL 23	-0.05 (-0.39 - 0.29)	0.781	0.916	FALSE	FALSE	Converged
Kidd	JkA+B+	IL 8	-0.01 (-0.04 - 0.02)	0.525	0.773	FALSE	FALSE	Converged
Kidd	JkA-B+	IL 8	-0.00 (-0.03 - 0.03)	0.965	0.773	FALSE	FALSE	Converged
Kidd	JkA+B+	INSULIN	-0.04 (-0.09 - 0.01)	0.145	0.343	FALSE	FALSE	Converged
Kidd	JkA-B+	INSULIN	-0.02 (-0.08 - 0.05)	0.559	0.343	FALSE	FALSE	Converged
Kidd	JkA+B+	IP 10	0.00 (-0.01 - 0.02)	0.542	0.352	FALSE	FALSE	Converged
Kidd	JkA-B+	IP 10	0.01 (-0.01 - 0.03)	0.150	0.352	FALSE	FALSE	Converged
Kidd	JkA+B+	LEPTIN	-0.02 (-0.07 - 0.03)	0.492	0.688	FALSE	FALSE	Converged
Kidd	JkA-B+	LEPTIN	-0.03 (-0.11 - 0.05)	0.435	0.688	FALSE	FALSE	Converged
Kidd	JkA+B+	LIPOCALIN 2 NGAL	-0.00 (-0.04 - 0.04)	0.986	0.951	FALSE	FALSE	Converged
Kidd	JkA-B+	LIPOCALIN 2 NGAL	-0.01 (-0.06 - 0.04)	0.771	0.951	FALSE	FALSE	Converged
Kidd	JkA+B+	MCP 1	-0.01 (-0.02 - 0.00)	0.067	0.112	FALSE	FALSE	Converged
Kidd	JkA-B+	MCP 1	-0.00 (-0.02 - 0.01)	0.886	0.112	FALSE	FALSE	Converged
Kidd	JkA+B+	MCP 2	0.00 (-0.02 - 0.02)	0.915	0.007	FALSE	FALSE	Converged
Kidd	JkA-B+	MCP 2	-0.03 (-0.06 - -0.01)	0.008	0.007	FALSE	FALSE	Converged
Kidd	JkA+B+	MCP 4	-0.02 (-0.04 - 0.01)	0.264	0.389	FALSE	FALSE	Converged
Kidd	JkA-B+	MCP 4	-0.02 (-0.05 - 0.01)	0.203	0.389	FALSE	FALSE	Converged
Kidd	JkA+B+	MDC	-0.01 (-0.03 - -0.00)	0.032	0.065	FALSE	FALSE	Converged
Kidd	JkA-B+	MDC	-0.00 (-0.02 - 0.01)	0.864	0.065	FALSE	FALSE	Converged
Kidd	JkA+B+	MIP 1B	-0.00 (-0.03 - 0.02)	0.698	0.822	FALSE	FALSE	Converged
Kidd	JkA-B+	MIP 1B	0.00 (-0.02 - 0.03)	0.842	0.822	FALSE	FALSE	Converged
Kidd	JkA+B+	MIP 1D	-0.01 (-0.03 - 0.01)	0.317	0.563	FALSE	FALSE	Converged
Kidd	JkA-B+	MIP 1D	-0.01 (-0.03 - 0.01)	0.384	0.563	FALSE	FALSE	Converged
Kidd	JkA+B+	PAI 1	0.02 (-0.01 - 0.04)	0.149	0.068	FALSE	FALSE	Converged
Kidd	JkA-B+	PAI 1	0.03 (0.00 - 0.05)	0.020	0.068	FALSE	FALSE	Converged
Kidd	JkA+B+	PP	-0.01 (-0.07 - 0.05)	0.775	0.498	FALSE	FALSE	Converged
Kidd	JkA-B+	PP	0.03 (-0.04 - 0.11)	0.408	0.498	FALSE	FALSE	Converged
Kidd	JkA+B+	RESISTIN	-0.01 (-0.03 - 0.02)	0.712	0.918	FALSE	FALSE	Converged
Kidd	JkA-B+	RESISTIN	-0.00 (-0.03 - 0.03)	0.965	0.918	FALSE	FALSE	Converged
Kidd	JkA+B+	SAA	0.00 (-0.04 - 0.04)	0.950	0.984	FALSE	FALSE	Converged
Kidd	JkA-B+	SAA	-0.00 (-0.05 - 0.04)	0.913	0.984	FALSE	FALSE	Converged
Kidd	JkA+B+	SAP	-0.01 (-0.02 - 0.01)	0.413	0.568	FALSE	FALSE	Converged
Kidd	JkA-B+	SAP	0.00 (-0.01 - 0.02)	0.837	0.568	FALSE	FALSE	Converged
Kidd	JkA+B+	SDF 1A B	-0.01 (-0.02 - 0.01)	0.365	0.090	FALSE	FALSE	Converged

Kidd	JkA-B+	SDF 1A B	-0.02 (-0.03 - -0.00)	0.029	0.090	FALSE	FALSE	Converged
Kidd	JkA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.885	0.665	FALSE	FALSE	Converged
Kidd	JkA-B+	SEGFR	0.00 (-0.00 - 0.01)	0.404	0.665	FALSE	FALSE	Converged
Kidd	JkA+B+	SGP130	-0.00 (-0.01 - 0.01)	0.778	0.336	FALSE	FALSE	Converged
Kidd	JkA-B+	SGP130	0.01 (-0.00 - 0.02)	0.291	0.336	FALSE	FALSE	Converged
Kidd	JkA+B+	SIL4R	-0.00 (-0.02 - 0.01)	0.548	0.409	FALSE	FALSE	Converged
Kidd	JkA-B+	SIL4R	0.01 (-0.01 - 0.02)	0.448	0.409	FALSE	FALSE	Converged
Kidd	JkA+B+	SIL6R	0.00 (-0.01 - 0.01)	0.836	0.641	FALSE	FALSE	Converged
Kidd	JkA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.377	0.641	FALSE	FALSE	Converged
Kidd	JkA+B+	SILRII	-0.01 (-0.02 - 0.01)	0.280	0.059	FALSE	FALSE	Converged
Kidd	JkA-B+	SILRII	0.01 (-0.01 - 0.02)	0.261	0.059	FALSE	FALSE	Converged
Kidd	JkA+B+	STNFRI	-0.01 (-0.02 - -0.00)	0.036	0.110	FALSE	FALSE	Converged
Kidd	JkA-B+	STNFRI	-0.01 (-0.02 - 0.00)	0.213	0.110	FALSE	FALSE	Converged
Kidd	JkA+B+	STNFRII	-0.01 (-0.02 - 0.00)	0.083	0.096	FALSE	FALSE	Converged
Kidd	JkA-B+	STNFRII	0.00 (-0.01 - 0.01)	0.980	0.096	FALSE	FALSE	Converged
Kidd	JkA+B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.644	0.112	FALSE	FALSE	Converged
Kidd	JkA-B+	SVEGFR2	0.01 (0.00 - 0.02)	0.046	0.112	FALSE	FALSE	Converged
Kidd	JkA+B+	SVEGFR3	-0.03 (-0.06 - -0.01)	0.009	0.013	FALSE	FALSE	Converged
Kidd	JkA-B+	SVEGFR3	-0.00 (-0.03 - 0.03)	0.804	0.013	FALSE	FALSE	Converged
Kidd	JkA+B+	TARC	-0.01 (-0.03 - 0.01)	0.449	0.555	FALSE	FALSE	Converged
Kidd	JkA-B+	TARC	0.00 (-0.02 - 0.03)	0.815	0.555	FALSE	FALSE	Converged
Kidd	JkA+B+	TGF A	0.03 (-0.01 - 0.06)	0.178	0.269	FALSE	FALSE	Converged
Kidd	JkA-B+	TGF A	-0.00 (-0.04 - 0.04)	0.992	0.269	FALSE	FALSE	Converged
Kidd	JkA+B+	TGF B1	-0.04 (-0.08 - 0.01)	0.088	0.006	FALSE	FALSE	Converged
Kidd	JkA-B+	TGF B1	0.03 (-0.02 - 0.07)	0.248	0.006	FALSE	FALSE	Converged
Kidd	JkA+B+	TNFA	0.00 (-0.02 - 0.02)	0.892	0.901	FALSE	FALSE	Converged
Kidd	JkA-B+	TNFA	0.00 (-0.02 - 0.02)	0.654	0.901	FALSE	FALSE	Converged
Kidd	JkA+B+	TPO	0.01 (-0.04 - 0.07)	0.634	0.503	FALSE	FALSE	Converged
Kidd	JkA-B+	TPO	-0.02 (-0.08 - 0.04)	0.532	0.503	FALSE	FALSE	Converged
Kidd	JkA+B+	TRAIL	-0.00 (-0.02 - 0.02)	0.797	0.420	FALSE	FALSE	Converged
Kidd	JkA-B+	TRAIL	0.01 (-0.01 - 0.03)	0.361	0.420	FALSE	FALSE	Converged
Kidd	JkA+B+	VEGF	-0.01 (-0.06 - 0.04)	0.691	0.915	FALSE	FALSE	Converged
Kidd	JkA-B+	VEGF	-0.00 (-0.06 - 0.05)	0.922	0.915	FALSE	FALSE	Converged
Kidd	JkA+B+	X6CKINE	-0.05 (-0.08 - -0.02)	0.001	0.003	FALSE	FALSE	Converged
Kidd	JkA-B+	X6CKINE	-0.02 (-0.05 - 0.01)	0.280	0.003	FALSE	FALSE	Converged
Aub	AuA-B+	ADIPONECTIN	-0.01 (-0.06 - 0.05)	0.853	0.473	FALSE	FALSE	Converged
Aub	AuA+B+	ADIPONECTIN	-0.02 (-0.05 - 0.01)	0.222	0.473	FALSE	FALSE	Converged
Aub	AuA-B+	ADIPSIN	-0.01 (-0.04 - 0.02)	0.462	0.757	FALSE	FALSE	Converged
Aub	AuA+B+	ADIPSIN	-0.00 (-0.02 - 0.02)	0.753	0.757	FALSE	FALSE	Converged
Aub	AuA-B+	AMYLIN	0.01 (-0.07 - 0.09)	0.863	0.563	FALSE	FALSE	Converged
Aub	AuA+B+	AMYLIN	-0.02 (-0.07 - 0.02)	0.324	0.563	FALSE	FALSE	Converged
Aub	AuA-B+	BCA 1	0.01 (-0.02 - 0.04)	0.511	0.425	FALSE	FALSE	Converged
Aub	AuA+B+	BCA 1	0.01 (-0.01 - 0.03)	0.210	0.425	FALSE	FALSE	Converged
Aub	AuA-B+	C PEPTIDE	-0.02 (-0.10 - 0.07)	0.658	0.774	FALSE	FALSE	Converged
Aub	AuA+B+	C PEPTIDE	0.01 (-0.03 - 0.05)	0.641	0.774	FALSE	FALSE	Converged
Aub	AuA-B+	CCL19 MIP3B	0.00 (-0.03 - 0.04)	0.775	0.447	FALSE	FALSE	Converged
Aub	AuA+B+	CCL19 MIP3B	0.01 (-0.01 - 0.03)	0.204	0.447	FALSE	FALSE	Converged
Aub	AuA-B+	CCL20 MIP3A	0.01 (-0.05 - 0.07)	0.811	0.251	FALSE	FALSE	Converged
Aub	AuA+B+	CCL20 MIP3A	-0.02 (-0.05 - 0.01)	0.123	0.251	FALSE	FALSE	Converged
Aub	AuA-B+	CRP	0.06 (0.00 - 0.12)	0.036	0.109	FALSE	FALSE	Converged
Aub	AuA+B+	CRP	0.01 (-0.03 - 0.04)	0.726	0.109	FALSE	FALSE	Converged
Aub	AuA-B+	CTACK	-0.00 (-0.02 - 0.01)	0.677	0.439	FALSE	FALSE	Converged
Aub	AuA+B+	CTACK	0.01 (-0.00 - 0.02)	0.282	0.439	FALSE	FALSE	Converged
Aub	AuA-B+	CXCL11 I TAC	-0.03 (-0.07 - 0.01)	0.208	0.283	FALSE	FALSE	Converged
Aub	AuA+B+	CXCL11 I TAC	0.01 (-0.01 - 0.03)	0.484	0.283	FALSE	FALSE	Converged
Aub	AuA-B+	CXCL6 GCP2	0.01 (-0.02 - 0.04)	0.480	0.125	FALSE	FALSE	Converged
Aub	AuA+B+	CXCL6 GCP2	0.01 (0.00 - 0.03)	0.043	0.125	FALSE	FALSE	Converged
Aub	AuA-B+	CXCL9 MIG	-0.02 (-0.05 - 0.02)	0.323	0.516	FALSE	FALSE	Converged
Aub	AuA+B+	CXCL9 MIG	-0.01 (-0.03 - 0.01)	0.410	0.516	FALSE	FALSE	Converged
Aub	AuA-B+	EGF	-0.01 (-0.08 - 0.05)	0.684	0.024	FALSE	FALSE	Converged
Aub	AuA+B+	EGF	0.04 (0.01 - 0.08)	0.011	0.024	FALSE	FALSE	Converged
Aub	AuA-B+	ENA 78	0.01 (-0.02 - 0.04)	0.566	0.767	FALSE	FALSE	Converged
Aub	AuA+B+	ENA 78	0.00 (-0.01 - 0.02)	0.575	0.767	FALSE	FALSE	Converged
Aub	AuA-B+	EOTAXIN 2	0.02 (-0.02 - 0.06)	0.307	0.508	FALSE	FALSE	Converged
Aub	AuA+B+	EOTAXIN 2	-0.00 (-0.03 - 0.02)	0.752	0.508	FALSE	FALSE	Converged
Aub	AuA-B+	EOTAXIN	0.02 (-0.00 - 0.05)	0.098	0.254	FALSE	FALSE	Converged
Aub	AuA+B+	EOTAXIN	0.00 (-0.01 - 0.02)	0.697	0.254	FALSE	FALSE	Converged
Aub	AuA-B+	G CSF	-0.03 (-0.08 - 0.02)	0.203	0.389	FALSE	FALSE	Converged
Aub	AuA+B+	G CSF	-0.01 (-0.04 - 0.01)	0.405	0.389	FALSE	FALSE	Converged
Aub	AuA-B+	GIP	0.02 (-0.09 - 0.13)	0.696	0.824	FALSE	FALSE	Converged
Aub	AuA+B+	GIP	-0.01 (-0.07 - 0.05)	0.723	0.824	FALSE	FALSE	Converged
Aub	AuA-B+	GRO	0.01 (-0.01 - 0.04)	0.182	0.381	FALSE	FALSE	Converged
Aub	AuA+B+	GRO	0.00 (-0.01 - 0.02)	0.461	0.381	FALSE	FALSE	Converged

Aub	AuA-B+	IL 13	-0.21 (-0.90 - 0.47)	0.541	0.566	FALSE	FALSE	Converged
Aub	AuA+B+	IL 13	0.09 (-0.16 - 0.35)	0.470	0.566	FALSE	FALSE	Converged
Aub	AuA-B+	IL 16	-0.02 (-0.08 - 0.04)	0.595	0.818	FALSE	FALSE	Converged
Aub	AuA+B+	IL 16	0.00 (-0.03 - 0.04)	0.840	0.818	FALSE	FALSE	Converged
Aub	AuA-B+	IL 17	0.07 (-0.05 - 0.18)	0.263	0.070	FALSE	FALSE	Converged
Aub	AuA+B+	IL 17	0.07 (0.01 - 0.13)	0.026	0.070	FALSE	FALSE	Converged
Aub	AuA-B+	IL 23	0.10 (-0.28 - 0.47)	0.609	0.095	FALSE	FALSE	Converged
Aub	AuA+B+	IL 23	0.26 (0.02 - 0.50)	0.036	0.095	FALSE	FALSE	Converged
Aub	AuA-B+	IL 8	-0.00 (-0.05 - 0.05)	0.880	0.494	FALSE	FALSE	Converged
Aub	AuA+B+	IL 8	0.02 (-0.01 - 0.04)	0.267	0.494	FALSE	FALSE	Converged
Aub	AuA-B+	INSULIN	-0.00 (-0.09 - 0.09)	0.976	0.877	FALSE	FALSE	Converged
Aub	AuA+B+	INSULIN	-0.01 (-0.06 - 0.04)	0.615	0.877	FALSE	FALSE	Converged
Aub	AuA-B+	IP 10	-0.02 (-0.04 - 0.01)	0.200	0.387	FALSE	FALSE	Converged
Aub	AuA+B+	IP 10	-0.01 (-0.02 - 0.01)	0.422	0.387	FALSE	FALSE	Converged
Aub	AuA-B+	LEPTIN	-0.06 (-0.16 - 0.05)	0.299	0.317	FALSE	FALSE	Converged
Aub	AuA+B+	LEPTIN	0.02 (-0.03 - 0.07)	0.403	0.317	FALSE	FALSE	Converged
Aub	AuA-B+	LIPOCALIN 2 NGAL	-0.03 (-0.12 - 0.07)	0.593	0.773	FALSE	FALSE	Converged
Aub	AuA+B+	LIPOCALIN 2 NGAL	0.01 (-0.03 - 0.04)	0.691	0.773	FALSE	FALSE	Converged
Aub	AuA-B+	MCP 1	0.00 (-0.02 - 0.03)	0.688	0.794	FALSE	FALSE	Converged
Aub	AuA+B+	MCP 1	0.00 (-0.01 - 0.01)	0.527	0.794	FALSE	FALSE	Converged
Aub	AuA-B+	MCP 2	0.01 (-0.03 - 0.04)	0.592	0.797	FALSE	FALSE	Converged
Aub	AuA+B+	MCP 2	0.00 (-0.01 - 0.02)	0.599	0.797	FALSE	FALSE	Converged
Aub	AuA-B+	MCP 4	-0.01 (-0.06 - 0.04)	0.599	0.850	FALSE	FALSE	Converged
Aub	AuA+B+	MCP 4	-0.00 (-0.03 - 0.02)	0.744	0.850	FALSE	FALSE	Converged
Aub	AuA-B+	MDC	0.01 (-0.01 - 0.03)	0.590	0.864	FALSE	FALSE	Converged
Aub	AuA+B+	MDC	0.00 (-0.01 - 0.01)	0.857	0.864	FALSE	FALSE	Converged
Aub	AuA-B+	MIP 1B	-0.01 (-0.05 - 0.03)	0.653	0.758	FALSE	FALSE	Converged
Aub	AuA+B+	MIP 1B	-0.01 (-0.03 - 0.01)	0.501	0.758	FALSE	FALSE	Converged
Aub	AuA-B+	MIP 1D	-0.02 (-0.06 - 0.01)	0.202	0.395	FALSE	FALSE	Converged
Aub	AuA+B+	MIP 1D	-0.01 (-0.02 - 0.01)	0.476	0.395	FALSE	FALSE	Converged
Aub	AuA-B+	PAI 1	-0.01 (-0.05 - 0.02)	0.495	0.634	FALSE	FALSE	Converged
Aub	AuA+B+	PAI 1	0.00 (-0.01 - 0.02)	0.608	0.634	FALSE	FALSE	Converged
Aub	AuA-B+	PP	0.04 (-0.07 - 0.15)	0.450	0.151	FALSE	FALSE	Converged
Aub	AuA+B+	PP	0.06 (-0.00 - 0.11)	0.053	0.151	FALSE	FALSE	Converged
Aub	AuA-B+	RESISTIN	-0.01 (-0.06 - 0.04)	0.689	0.258	FALSE	FALSE	Converged
Aub	AuA+B+	RESISTIN	0.02 (-0.01 - 0.04)	0.138	0.258	FALSE	FALSE	Converged
Aub	AuA-B+	SAA	0.02 (-0.05 - 0.08)	0.556	0.397	FALSE	FALSE	Converged
Aub	AuA+B+	SAA	-0.02 (-0.05 - 0.02)	0.291	0.397	FALSE	FALSE	Converged
Aub	AuA-B+	SAP	0.01 (-0.01 - 0.03)	0.325	0.396	FALSE	FALSE	Converged
Aub	AuA+B+	SAP	-0.00 (-0.02 - 0.01)	0.532	0.396	FALSE	FALSE	Converged
Aub	AuA-B+	SDF 1A B	-0.00 (-0.03 - 0.02)	0.843	0.980	FALSE	FALSE	Converged
Aub	AuA+B+	SDF 1A B	-0.00 (-0.01 - 0.01)	0.989	0.980	FALSE	FALSE	Converged
Aub	AuA-B+	SEGFR	-0.00 (-0.01 - 0.01)	0.950	0.898	FALSE	FALSE	Converged
Aub	AuA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.662	0.898	FALSE	FALSE	Converged
Aub	AuA-B+	SGP130	-0.00 (-0.02 - 0.01)	0.520	0.788	FALSE	FALSE	Converged
Aub	AuA+B+	SGP130	0.00 (-0.01 - 0.01)	0.927	0.788	FALSE	FALSE	Converged
Aub	AuA-B+	SIL4R	-0.02 (-0.05 - -0.00)	0.033	0.048	FALSE	FALSE	Converged
Aub	AuA+B+	SIL4R	0.00 (-0.01 - 0.02)	0.479	0.048	FALSE	FALSE	Converged
Aub	AuA-B+	SIL6R	-0.00 (-0.02 - 0.02)	0.998	0.945	FALSE	FALSE	Converged
Aub	AuA+B+	SIL6R	-0.00 (-0.01 - 0.01)	0.742	0.945	FALSE	FALSE	Converged
Aub	AuA-B+	SILRII	-0.02 (-0.04 - 0.01)	0.179	0.404	FALSE	FALSE	Converged
Aub	AuA+B+	SILRII	-0.00 (-0.01 - 0.01)	0.812	0.404	FALSE	FALSE	Converged
Aub	AuA-B+	STNFRI	0.01 (-0.01 - 0.03)	0.527	0.819	FALSE	FALSE	Converged
Aub	AuA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.879	0.819	FALSE	FALSE	Converged
Aub	AuA-B+	STNFRII	0.00 (-0.02 - 0.02)	0.884	0.672	FALSE	FALSE	Converged
Aub	AuA+B+	STNFRII	0.00 (-0.01 - 0.01)	0.373	0.672	FALSE	FALSE	Converged
Aub	AuA-B+	SVEGFR2	-0.01 (-0.02 - 0.01)	0.362	0.290	FALSE	FALSE	Converged
Aub	AuA+B+	SVEGFR2	-0.01 (-0.02 - 0.00)	0.143	0.290	FALSE	FALSE	Converged
Aub	AuA-B+	SVEGFR3	-0.00 (-0.04 - 0.04)	0.964	0.483	FALSE	FALSE	Converged
Aub	AuA+B+	SVEGFR3	-0.01 (-0.04 - 0.01)	0.237	0.483	FALSE	FALSE	Converged
Aub	AuA-B+	TARC	0.01 (-0.02 - 0.05)	0.447	0.608	FALSE	FALSE	Converged
Aub	AuA+B+	TARC	0.01 (-0.01 - 0.03)	0.418	0.608	FALSE	FALSE	Converged
Aub	AuA-B+	TGF A	0.02 (-0.04 - 0.09)	0.450	0.270	FALSE	FALSE	Converged
Aub	AuA+B+	TGF A	0.03 (-0.01 - 0.06)	0.115	0.270	FALSE	FALSE	Converged
Aub	AuA-B+	TGF B1	-0.00 (-0.08 - 0.08)	0.994	0.650	FALSE	FALSE	Converged
Aub	AuA+B+	TGF B1	-0.02 (-0.05 - 0.02)	0.363	0.650	FALSE	FALSE	Converged
Aub	AuA-B+	TNFA	0.01 (-0.02 - 0.04)	0.450	0.728	FALSE	FALSE	Converged
Aub	AuA+B+	TNFA	-0.00 (-0.02 - 0.02)	0.962	0.728	FALSE	FALSE	Converged
Aub	AuA-B+	TPO	-0.03 (-0.12 - 0.06)	0.518	0.080	FALSE	FALSE	Converged
Aub	AuA+B+	TPO	0.05 (-0.00 - 0.10)	0.055	0.080	FALSE	FALSE	Converged
Aub	AuA-B+	TRAIL	-0.03 (-0.06 - 0.01)	0.142	0.293	FALSE	FALSE	Converged
Aub	AuA+B+	TRAIL	-0.01 (-0.02 - 0.01)	0.396	0.293	FALSE	FALSE	Converged
Aub	AuA-B+	VEGF	0.05 (-0.03 - 0.14)	0.245	0.327	FALSE	FALSE	Converged

Aub	AuA+B+	VEGF	0.03 (-0.02 - 0.07)	0.238	0.327	FALSE	FALSE	Converged
Aub	AuA-B+	X6CKINE	0.01 (-0.04 - 0.05)	0.842	0.778	FALSE	FALSE	Converged
Aub	AuA+B+	X6CKINE	-0.01 (-0.03 - 0.02)	0.535	0.778	FALSE	FALSE	Converged
Duffy	FYA+B+	ADIPONECTIN	-0.03 (-0.07 - 0.01)	0.201	0.320	FALSE	FALSE	Converged
Duffy	FYA-B+	ADIPONECTIN	-0.01 (-0.05 - 0.04)	0.782	0.320	FALSE	FALSE	Converged
Duffy	FYA+B+	ADIPSIN	-0.01 (-0.03 - 0.01)	0.360	0.446	FALSE	FALSE	Converged
Duffy	FYA-B+	ADIPSIN	0.00 (-0.02 - 0.02)	0.982	0.446	FALSE	FALSE	Converged
Duffy	FYA+B+	AMYLIN	-0.04 (-0.10 - 0.01)	0.127	0.276	FALSE	FALSE	Converged
Duffy	FYA-B+	AMYLIN	-0.02 (-0.08 - 0.04)	0.534	0.276	FALSE	FALSE	Converged
Duffy	FYA+B+	BCA 1	-0.01 (-0.03 - 0.01)	0.434	0.543	FALSE	FALSE	Converged
Duffy	FYA-B+	BCA 1	-0.01 (-0.03 - 0.01)	0.271	0.543	FALSE	FALSE	Converged
Duffy	FYA+B+	C PEPTIDE	-0.01 (-0.06 - 0.04)	0.776	0.802	FALSE	FALSE	Converged
Duffy	FYA-B+	C PEPTIDE	0.01 (-0.05 - 0.06)	0.793	0.802	FALSE	FALSE	Converged
Duffy	FYA+B+	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.383	0.351	FALSE	FALSE	Converged
Duffy	FYA-B+	CCL19 MIP3B	-0.02 (-0.04 - 0.01)	0.149	0.351	FALSE	FALSE	Converged
Duffy	FYA+B+	CCL20 MIP3A	-0.02 (-0.06 - 0.02)	0.375	0.661	FALSE	FALSE	Converged
Duffy	FYA-B+	CCL20 MIP3A	-0.02 (-0.06 - 0.03)	0.463	0.661	FALSE	FALSE	Converged
Duffy	FYA+B+	CRP	-0.01 (-0.05 - 0.03)	0.608	0.874	FALSE	FALSE	Converged
Duffy	FYA-B+	CRP	-0.01 (-0.05 - 0.04)	0.707	0.874	FALSE	FALSE	Converged
Duffy	FYA+B+	CTACK	-0.01 (-0.02 - 0.00)	0.143	0.235	FALSE	FALSE	Converged
Duffy	FYA-B+	CTACK	-0.00 (-0.01 - 0.01)	0.864	0.235	FALSE	FALSE	Converged
Duffy	FYA+B+	CXCL11 I TAC	0.01 (-0.01 - 0.04)	0.278	0.007	FALSE	FALSE	Converged
Duffy	FYA-B+	CXCL11 I TAC	0.04 (0.01 - 0.07)	0.003	0.007	FALSE	FALSE	Converged
Duffy	FYA+B+	CXCL6 GCP2	0.04 (0.02 - 0.06)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	CXCL6 GCP2	0.09 (0.07 - 0.11)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	CXCL9 MIG	0.00 (-0.02 - 0.03)	0.800	0.859	FALSE	FALSE	Converged
Duffy	FYA-B+	CXCL9 MIG	-0.00 (-0.03 - 0.02)	0.826	0.859	FALSE	FALSE	Converged
Duffy	FYA+B+	EGF	-0.03 (-0.07 - 0.01)	0.184	0.373	FALSE	FALSE	Converged
Duffy	FYA-B+	EGF	-0.03 (-0.07 - 0.02)	0.235	0.373	FALSE	FALSE	Converged
Duffy	FYA+B+	ENA 78	0.02 (-0.00 - 0.04)	0.054	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	ENA 78	0.10 (0.08 - 0.13)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	EOTAXIN 2	-0.01 (-0.04 - 0.02)	0.555	0.029	FALSE	FALSE	Converged
Duffy	FYA-B+	EOTAXIN 2	0.02 (-0.00 - 0.05)	0.104	0.029	FALSE	FALSE	Converged
Duffy	FYA+B+	EOTAXIN	0.08 (0.06 - 0.10)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	EOTAXIN	0.17 (0.15 - 0.19)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	G CSF	0.01 (-0.02 - 0.04)	0.544	0.158	FALSE	FALSE	Converged
Duffy	FYA-B+	G CSF	-0.02 (-0.05 - 0.02)	0.295	0.158	FALSE	FALSE	Converged
Duffy	FYA+B+	GIP	-0.02 (-0.09 - 0.06)	0.639	0.791	FALSE	FALSE	Converged
Duffy	FYA-B+	GIP	0.00 (-0.08 - 0.08)	0.961	0.791	FALSE	FALSE	Converged
Duffy	FYA+B+	GRO	0.03 (0.01 - 0.04)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	GRO	0.09 (0.07 - 0.10)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	IL 13	-0.12 (-0.50 - 0.26)	0.530	0.157	FALSE	FALSE	Converged
Duffy	FYA-B+	IL 13	0.17 (-0.25 - 0.60)	0.423	0.157	FALSE	FALSE	Converged
Duffy	FYA+B+	IL 16	0.01 (-0.04 - 0.05)	0.793	0.868	FALSE	FALSE	Converged
Duffy	FYA-B+	IL 16	-0.00 (-0.05 - 0.04)	0.841	0.868	FALSE	FALSE	Converged
Duffy	FYA+B+	IL 17	-0.11 (-0.19 - -0.03)	0.009	0.017	FALSE	FALSE	Converged
Duffy	FYA-B+	IL 17	-0.12 (-0.21 - -0.03)	0.008	0.017	FALSE	FALSE	Converged
Duffy	FYA+B+	IL 23	0.08 (-0.28 - 0.45)	0.650	0.879	FALSE	FALSE	Converged
Duffy	FYA-B+	IL 23	0.10 (-0.30 - 0.49)	0.632	0.879	FALSE	FALSE	Converged
Duffy	FYA+B+	IL 8	0.04 (0.01 - 0.08)	0.012	0.000	FALSE	FALSE	Converged
Duffy	FYA-B+	IL 8	0.08 (0.04 - 0.11)	0.000	0.000	FALSE	FALSE	Converged
Duffy	FYA+B+	INSULIN	-0.04 (-0.10 - 0.02)	0.207	0.451	FALSE	FALSE	Converged
Duffy	FYA-B+	INSULIN	-0.03 (-0.10 - 0.04)	0.423	0.451	FALSE	FALSE	Converged
Duffy	FYA+B+	IP 10	-0.01 (-0.03 - 0.01)	0.329	0.621	FALSE	FALSE	Converged
Duffy	FYA-B+	IP 10	-0.01 (-0.03 - 0.01)	0.545	0.621	FALSE	FALSE	Converged
Duffy	FYA+B+	LEPTIN	-0.05 (-0.12 - 0.02)	0.153	0.254	FALSE	FALSE	Converged
Duffy	FYA-B+	LEPTIN	-0.01 (-0.08 - 0.06)	0.774	0.254	FALSE	FALSE	Converged
Duffy	FYA+B+	LIPOCALIN 2 NGAL	-0.04 (-0.09 - 0.01)	0.090	0.053	FALSE	FALSE	Converged
Duffy	FYA-B+	LIPOCALIN 2 NGAL	0.01 (-0.03 - 0.05)	0.664	0.053	FALSE	FALSE	Converged
Duffy	FYA+B+	MCP 1	0.08 (0.07 - 0.10)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	MCP 1	0.17 (0.15 - 0.18)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	MCP 2	-0.04 (-0.06 - -0.01)	0.001	0.001	FALSE	FALSE	Converged
Duffy	FYA-B+	MCP 2	-0.04 (-0.07 - -0.02)	0.001	0.001	FALSE	FALSE	Converged
Duffy	FYA+B+	MCP 4	0.09 (0.06 - 0.12)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	MCP 4	0.21 (0.18 - 0.24)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	MDC	0.01 (-0.00 - 0.02)	0.143	0.212	FALSE	FALSE	Converged
Duffy	FYA-B+	MDC	0.00 (-0.02 - 0.02)	0.922	0.212	FALSE	FALSE	Converged
Duffy	FYA+B+	MIP 1B	0.02 (-0.01 - 0.04)	0.204	0.124	FALSE	FALSE	Converged
Duffy	FYA-B+	MIP 1B	0.03 (0.00 - 0.05)	0.041	0.124	FALSE	FALSE	Converged
Duffy	FYA+B+	MIP 1D	0.00 (-0.02 - 0.02)	0.720	0.205	FALSE	FALSE	Converged
Duffy	FYA-B+	MIP 1D	0.02 (-0.00 - 0.04)	0.120	0.205	FALSE	FALSE	Converged
Duffy	FYA+B+	PAI 1	-0.01 (-0.03 - 0.01)	0.317	0.483	FALSE	FALSE	Converged
Duffy	FYA-B+	PAI 1	-0.00 (-0.02 - 0.02)	0.937	0.483	FALSE	FALSE	Converged

Duffy	FYA+B+	PP	0.02 (-0.06 - 0.10)	0.659	0.896	FALSE	FALSE	Converged
Duffy	FYA-B+	PP	0.02 (-0.07 - 0.10)	0.677	0.896	FALSE	FALSE	Converged
Duffy	FYA+B+	RESISTIN	-0.01 (-0.04 - 0.03)	0.719	0.039	FALSE	FALSE	Converged
Duffy	FYA-B+	RESISTIN	0.03 (-0.01 - 0.06)	0.099	0.039	FALSE	FALSE	Converged
Duffy	FYA+B+	SAA	-0.04 (-0.08 - 0.01)	0.082	0.196	FALSE	FALSE	Converged
Duffy	FYA-B+	SAA	-0.04 (-0.09 - 0.01)	0.129	0.196	FALSE	FALSE	Converged
Duffy	FYA+B+	SAP	-0.01 (-0.02 - 0.01)	0.344	0.350	FALSE	FALSE	Converged
Duffy	FYA-B+	SAP	-0.01 (-0.02 - 0.00)	0.149	0.350	FALSE	FALSE	Converged
Duffy	FYA+B+	SDF 1A B	-0.00 (-0.02 - 0.01)	0.875	0.286	FALSE	FALSE	Converged
Duffy	FYA-B+	SDF 1A B	0.01 (-0.01 - 0.03)	0.266	0.286	FALSE	FALSE	Converged
Duffy	FYA+B+	SEGFR	-0.00 (-0.01 - 0.01)	0.827	0.923	FALSE	FALSE	Converged
Duffy	FYA-B+	SEGFR	-0.00 (-0.01 - 0.01)	0.691	0.923	FALSE	FALSE	Converged
Duffy	FYA+B+	SGP130	0.00 (-0.01 - 0.01)	0.905	0.984	FALSE	FALSE	Converged
Duffy	FYA-B+	SGP130	-0.00 (-0.01 - 0.01)	0.982	0.984	FALSE	FALSE	Converged
Duffy	FYA+B+	SIL4R	0.01 (-0.01 - 0.02)	0.471	0.060	FALSE	FALSE	Converged
Duffy	FYA-B+	SIL4R	0.02 (0.00 - 0.03)	0.027	0.060	FALSE	FALSE	Converged
Duffy	FYA+B+	SIL6R	0.00 (-0.01 - 0.01)	0.585	0.675	FALSE	FALSE	Converged
Duffy	FYA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.376	0.675	FALSE	FALSE	Converged
Duffy	FYA+B+	SILRII	-0.00 (-0.02 - 0.01)	0.813	0.934	FALSE	FALSE	Converged
Duffy	FYA-B+	SILRII	-0.00 (-0.02 - 0.01)	0.712	0.934	FALSE	FALSE	Converged
Duffy	FYA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.935	0.924	FALSE	FALSE	Converged
Duffy	FYA-B+	STNFRI	-0.00 (-0.02 - 0.01)	0.816	0.924	FALSE	FALSE	Converged
Duffy	FYA+B+	STNFRII	0.00 (-0.01 - 0.01)	0.999	0.891	FALSE	FALSE	Converged
Duffy	FYA-B+	STNFRII	-0.00 (-0.02 - 0.01)	0.720	0.891	FALSE	FALSE	Converged
Duffy	FYA+B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.650	0.901	FALSE	FALSE	Converged
Duffy	FYA-B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.822	0.901	FALSE	FALSE	Converged
Duffy	FYA+B+	SVEGFR3	0.03 (-0.00 - 0.05)	0.082	0.211	FALSE	FALSE	Converged
Duffy	FYA-B+	SVEGFR3	0.02 (-0.01 - 0.05)	0.191	0.211	FALSE	FALSE	Converged
Duffy	FYA+B+	TARC	0.03 (0.01 - 0.05)	0.009	0.000	TRUE	FALSE	Converged
Duffy	FYA-B+	TARC	0.07 (0.05 - 0.10)	0.000	0.000	TRUE	FALSE	Converged
Duffy	FYA+B+	TGF A	0.01 (-0.03 - 0.05)	0.628	0.513	FALSE	FALSE	Converged
Duffy	FYA-B+	TGF A	-0.01 (-0.06 - 0.03)	0.631	0.513	FALSE	FALSE	Converged
Duffy	FYA+B+	TGF B1	-0.01 (-0.06 - 0.04)	0.710	0.927	FALSE	FALSE	Converged
Duffy	FYA-B+	TGF B1	-0.01 (-0.06 - 0.04)	0.740	0.927	FALSE	FALSE	Converged
Duffy	FYA+B+	TNFA	-0.00 (-0.02 - 0.02)	0.971	0.977	FALSE	FALSE	Converged
Duffy	FYA-B+	TNFA	-0.00 (-0.02 - 0.02)	0.849	0.977	FALSE	FALSE	Converged
Duffy	FYA+B+	TPO	-0.05 (-0.11 - 0.02)	0.168	0.078	FALSE	FALSE	Converged
Duffy	FYA-B+	TPO	-0.08 (-0.15 - -0.01)	0.024	0.078	FALSE	FALSE	Converged
Duffy	FYA+B+	TRAIL	-0.01 (-0.03 - 0.01)	0.326	0.464	FALSE	FALSE	Converged
Duffy	FYA-B+	TRAIL	-0.01 (-0.04 - 0.01)	0.229	0.464	FALSE	FALSE	Converged
Duffy	FYA+B+	VEGF	0.02 (-0.04 - 0.07)	0.534	0.443	FALSE	FALSE	Converged
Duffy	FYA-B+	VEGF	-0.01 (-0.07 - 0.05)	0.657	0.443	FALSE	FALSE	Converged
Duffy	FYA+B+	X6CKINE	-0.01 (-0.04 - 0.02)	0.595	0.417	FALSE	FALSE	Converged
Duffy	FYA-B+	X6CKINE	0.01 (-0.03 - 0.05)	0.588	0.417	FALSE	FALSE	Converged
Lewis	LeA+	ADIPONECTIN	0.00 (-0.04 - 0.04)	0.967	0.967	FALSE	FALSE	Converged
Lewis	LeA+	ADIPSIN	0.03 (0.00 - 0.05)	0.032	0.032	FALSE	FALSE	Converged
Lewis	LeA+	AMYLIN	0.02 (-0.04 - 0.07)	0.582	0.582	FALSE	FALSE	Converged
Lewis	LeA+	BCA 1	0.01 (-0.01 - 0.03)	0.526	0.526	FALSE	FALSE	Converged
Lewis	LeA+	C PEPTIDE	0.01 (-0.04 - 0.06)	0.651	0.651	FALSE	FALSE	Converged
Lewis	LeA+	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.143	0.144	FALSE	FALSE	Converged
Lewis	LeA+	CCL20 MIP3A	-0.00 (-0.04 - 0.04)	0.993	0.993	FALSE	FALSE	Converged
Lewis	LeA+	CRP	0.03 (-0.01 - 0.08)	0.149	0.149	FALSE	FALSE	Converged
Lewis	LeA+	CTACK	0.02 (0.01 - 0.03)	0.001	0.001	FALSE	FALSE	Converged
Lewis	LeA+	CXCL11 I TAC	-0.01 (-0.04 - 0.01)	0.383	0.383	FALSE	FALSE	Converged
Lewis	LeA+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.202	0.202	FALSE	FALSE	Converged
Lewis	LeA+	CXCL9 MIG	0.02 (0.00 - 0.05)	0.038	0.038	FALSE	FALSE	Converged
Lewis	LeA+	EGF	-0.01 (-0.05 - 0.03)	0.567	0.567	FALSE	FALSE	Converged
Lewis	LeA+	ENA 78	-0.02 (-0.04 - 0.01)	0.181	0.181	FALSE	FALSE	Converged
Lewis	LeA+	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.904	0.904	FALSE	FALSE	Converged
Lewis	LeA+	EOTAXIN	-0.00 (-0.02 - 0.02)	0.897	0.897	FALSE	FALSE	Converged
Lewis	LeA+	G CSF	-0.02 (-0.06 - 0.01)	0.134	0.134	FALSE	FALSE	Converged
Lewis	LeA+	GIP	-0.05 (-0.12 - 0.02)	0.186	0.187	FALSE	FALSE	Converged
Lewis	LeA+	GRO	-0.00 (-0.02 - 0.02)	0.949	0.949	FALSE	FALSE	Converged
Lewis	LeA+	IL 13	-0.15 (-0.64 - 0.34)	0.546	0.548	FALSE	FALSE	Converged
Lewis	LeA+	IL 16	-0.02 (-0.06 - 0.03)	0.456	0.456	FALSE	FALSE	Converged
Lewis	LeA+	IL 17	0.02 (-0.07 - 0.11)	0.672	0.672	FALSE	FALSE	Converged
Lewis	LeA+	IL 23	-0.34 (-0.74 - 0.05)	0.091	0.094	FALSE	FALSE	Converged
Lewis	LeA+	IL 8	-0.00 (-0.03 - 0.03)	0.956	0.956	FALSE	FALSE	Converged
Lewis	LeA+	INSULIN	0.01 (-0.06 - 0.08)	0.727	0.727	FALSE	FALSE	Converged
Lewis	LeA+	IP 10	-0.00 (-0.02 - 0.02)	0.695	0.695	FALSE	FALSE	Converged
Lewis	LeA+	LEPTIN	0.01 (-0.06 - 0.08)	0.774	0.774	FALSE	FALSE	Converged
Lewis	LeA+	LIPOCALIN 2 NGAL	0.05 (0.00 - 0.09)	0.030	0.030	FALSE	FALSE	Converged
Lewis	LeA+	MCP 1	-0.00 (-0.02 - 0.01)	0.756	0.756	FALSE	FALSE	Converged

Lewis	LeA+	MCP 2	-0.02 (-0.04 - 0.01)	0.182	0.182	FALSE	FALSE	Converged
Lewis	LeA+	MCP 4	-0.02 (-0.05 - 0.01)	0.309	0.309	FALSE	FALSE	Converged
Lewis	LeA+	MDC	0.01 (-0.01 - 0.03)	0.182	0.182	FALSE	FALSE	Converged
Lewis	LeA+	MIP 1B	-0.00 (-0.03 - 0.02)	0.780	0.780	FALSE	FALSE	Converged
Lewis	LeA+	MIP 1D	-0.01 (-0.03 - 0.01)	0.252	0.252	FALSE	FALSE	Converged
Lewis	LeA+	PAI 1	0.02 (-0.01 - 0.04)	0.241	0.241	FALSE	FALSE	Converged
Lewis	LeA+	PP	-0.09 (-0.16 - -0.01)	0.025	0.025	FALSE	FALSE	Converged
Lewis	LeA+	RESISTIN	0.04 (0.01 - 0.07)	0.010	0.010	FALSE	FALSE	Converged
Lewis	LeA+	SAA	0.02 (-0.03 - 0.07)	0.374	0.374	FALSE	FALSE	Converged
Lewis	LeA+	SAP	0.01 (-0.01 - 0.02)	0.219	0.219	FALSE	FALSE	Converged
Lewis	LeA+	SDF 1A B	0.00 (-0.01 - 0.02)	0.898	0.898	FALSE	FALSE	Converged
Lewis	LeA+	SEGFR	0.00 (-0.01 - 0.01)	0.617	0.617	FALSE	FALSE	Converged
Lewis	LeA+	SGP130	0.01 (0.00 - 0.02)	0.027	0.027	FALSE	FALSE	Converged
Lewis	LeA+	SIL4R	0.00 (-0.01 - 0.01)	0.859	0.859	FALSE	FALSE	Converged
Lewis	LeA+	SIL6R	0.01 (-0.01 - 0.02)	0.404	0.404	FALSE	FALSE	Converged
Lewis	LeA+	SILRII	0.01 (-0.01 - 0.02)	0.318	0.318	FALSE	FALSE	Converged
Lewis	LeA+	STNFRI	-0.00 (-0.02 - 0.01)	0.743	0.743	FALSE	FALSE	Converged
Lewis	LeA+	STNFRII	0.01 (-0.01 - 0.02)	0.346	0.346	FALSE	FALSE	Converged
Lewis	LeA+	SVEGFR2	0.00 (-0.01 - 0.01)	0.717	0.717	FALSE	FALSE	Converged
Lewis	LeA+	SVEGFR3	0.03 (-0.00 - 0.06)	0.071	0.071	FALSE	FALSE	Converged
Lewis	LeA+	TARC	-0.00 (-0.03 - 0.02)	0.888	0.888	FALSE	FALSE	Converged
Lewis	LeA+	TGF A	0.02 (-0.02 - 0.06)	0.405	0.405	FALSE	FALSE	Converged
Lewis	LeA+	TGF B1	0.03 (-0.02 - 0.09)	0.242	0.242	FALSE	FALSE	Converged
Lewis	LeA+	TNFA	0.01 (-0.01 - 0.03)	0.350	0.351	FALSE	FALSE	Converged
Lewis	LeA+	TPO	-0.03 (-0.10 - 0.03)	0.315	0.315	FALSE	FALSE	Converged
Lewis	LeA+	TRAIL	0.01 (-0.01 - 0.03)	0.458	0.458	FALSE	FALSE	Converged
Lewis	LeA+	VEGF	0.00 (-0.05 - 0.06)	0.934	0.934	FALSE	FALSE	Converged
Lewis	LeA+	X6CKINE	0.01 (-0.02 - 0.04)	0.537	0.537	FALSE	FALSE	Converged
ABO	abA	ADIPONECTIN	0.02 (-0.01 - 0.05)	0.142	0.039	FALSE	FALSE	Converged
ABO	abAB	ADIPONECTIN	-0.05 (-0.12 - 0.02)	0.197	0.039	FALSE	FALSE	Converged
ABO	abB	ADIPONECTIN	-0.03 (-0.07 - 0.01)	0.175	0.039	FALSE	FALSE	Converged
ABO	abA	ADIPSIN	-0.01 (-0.02 - 0.01)	0.587	0.719	FALSE	FALSE	Converged
ABO	abAB	ADIPSIN	-0.02 (-0.06 - 0.03)	0.424	0.719	FALSE	FALSE	Converged
ABO	abB	ADIPSIN	0.01 (-0.02 - 0.03)	0.676	0.719	FALSE	FALSE	Converged
ABO	abA	AMYLIN	-0.05 (-0.09 - -0.00)	0.030	0.107	FALSE	FALSE	Converged
ABO	abAB	AMYLIN	-0.08 (-0.18 - 0.01)	0.081	0.107	FALSE	FALSE	Converged
ABO	abB	AMYLIN	-0.03 (-0.11 - 0.04)	0.335	0.107	FALSE	FALSE	Converged
ABO	abA	BCA 1	-0.01 (-0.03 - 0.00)	0.120	0.086	FALSE	FALSE	Converged
ABO	abAB	BCA 1	0.03 (-0.01 - 0.07)	0.097	0.086	FALSE	FALSE	Converged
ABO	abB	BCA 1	-0.00 (-0.03 - 0.02)	0.885	0.086	FALSE	FALSE	Converged
ABO	abA	C PEPTIDE	-0.00 (-0.04 - 0.04)	0.953	0.951	FALSE	FALSE	Converged
ABO	abAB	C PEPTIDE	0.00 (-0.09 - 0.09)	0.959	0.951	FALSE	FALSE	Converged
ABO	abB	C PEPTIDE	-0.02 (-0.07 - 0.04)	0.580	0.951	FALSE	FALSE	Converged
ABO	abA	CCL19 MIP3B	0.00 (-0.02 - 0.02)	0.958	0.090	FALSE	FALSE	Converged
ABO	abAB	CCL19 MIP3B	0.04 (0.00 - 0.07)	0.034	0.090	FALSE	FALSE	Converged
ABO	abB	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.149	0.090	FALSE	FALSE	Converged
ABO	abA	CCL20 MIP3A	-0.04 (-0.07 - -0.01)	0.007	0.053	FALSE	FALSE	Converged
ABO	abAB	CCL20 MIP3A	-0.03 (-0.10 - 0.03)	0.294	0.053	FALSE	FALSE	Converged
ABO	abB	CCL20 MIP3A	-0.01 (-0.06 - 0.03)	0.561	0.053	FALSE	FALSE	Converged
ABO	abA	CRP	0.01 (-0.02 - 0.05)	0.423	0.291	FALSE	FALSE	Converged
ABO	abAB	CRP	0.06 (-0.01 - 0.13)	0.097	0.291	FALSE	FALSE	Converged
ABO	abB	CRP	0.03 (-0.02 - 0.08)	0.201	0.291	FALSE	FALSE	Converged
ABO	abA	CTACK	-0.01 (-0.02 - 0.00)	0.231	0.208	FALSE	FALSE	Converged
ABO	abAB	CTACK	0.01 (-0.01 - 0.02)	0.554	0.208	FALSE	FALSE	Converged
ABO	abB	CTACK	-0.01 (-0.03 - 0.00)	0.084	0.208	FALSE	FALSE	Converged
ABO	abA	CXCL11 I TAC	-0.02 (-0.04 - -0.00)	0.042	0.002	FALSE	FALSE	Converged
ABO	abAB	CXCL11 I TAC	0.05 (0.01 - 0.09)	0.025	0.002	FALSE	FALSE	Converged
ABO	abB	CXCL11 I TAC	0.02 (-0.01 - 0.05)	0.237	0.002	FALSE	FALSE	Converged
ABO	abA	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.514	0.172	FALSE	FALSE	Converged
ABO	abAB	CXCL6 GCP2	0.01 (-0.02 - 0.04)	0.374	0.172	FALSE	FALSE	Converged
ABO	abB	CXCL6 GCP2	0.02 (-0.00 - 0.04)	0.116	0.172	FALSE	FALSE	Converged
ABO	abA	CXCL9 MIG	-0.02 (-0.04 - 0.00)	0.073	0.048	FALSE	FALSE	Converged
ABO	abAB	CXCL9 MIG	0.01 (-0.03 - 0.05)	0.475	0.048	FALSE	FALSE	Converged
ABO	abB	CXCL9 MIG	0.02 (-0.01 - 0.04)	0.282	0.048	FALSE	FALSE	Converged
ABO	abA	EGF	0.04 (0.01 - 0.07)	0.024	0.074	FALSE	FALSE	Converged
ABO	abAB	EGF	0.07 (-0.00 - 0.14)	0.066	0.074	FALSE	FALSE	Converged
ABO	abB	EGF	0.01 (-0.04 - 0.06)	0.571	0.074	FALSE	FALSE	Converged
ABO	abA	ENA 78	0.00 (-0.01 - 0.02)	0.754	0.916	FALSE	FALSE	Converged
ABO	abAB	ENA 78	0.01 (-0.03 - 0.04)	0.695	0.916	FALSE	FALSE	Converged
ABO	abB	ENA 78	0.01 (-0.02 - 0.03)	0.513	0.916	FALSE	FALSE	Converged
ABO	abA	EOTAXIN 2	0.01 (-0.01 - 0.03)	0.507	0.181	FALSE	FALSE	Converged
ABO	abAB	EOTAXIN 2	0.02 (-0.03 - 0.07)	0.409	0.181	FALSE	FALSE	Converged
ABO	abB	EOTAXIN 2	-0.03 (-0.06 - 0.01)	0.118	0.181	FALSE	FALSE	Converged

ABO	abA	EOTAXIN	-0.01 (-0.02 - 0.01)	0.435	0.471	FALSE	FALSE	Converged
ABO	abAB	EOTAXIN	-0.01 (-0.05 - 0.02)	0.422	0.471	FALSE	FALSE	Converged
ABO	abB	EOTAXIN	0.01 (-0.01 - 0.03)	0.414	0.471	FALSE	FALSE	Converged
ABO	abA	G CSF	0.02 (-0.00 - 0.05)	0.077	0.083	FALSE	FALSE	Converged
ABO	abAB	G CSF	0.06 (-0.00 - 0.11)	0.056	0.083	FALSE	FALSE	Converged
ABO	abB	G CSF	-0.00 (-0.04 - 0.03)	0.841	0.083	FALSE	FALSE	Converged
ABO	abA	GIP	-0.02 (-0.08 - 0.04)	0.487	0.765	FALSE	FALSE	Converged
ABO	abAB	GIP	-0.06 (-0.20 - 0.09)	0.428	0.765	FALSE	FALSE	Converged
ABO	abB	GIP	0.01 (-0.08 - 0.10)	0.877	0.765	FALSE	FALSE	Converged
ABO	abA	GRO	0.00 (-0.01 - 0.01)	0.647	0.297	FALSE	FALSE	Converged
ABO	abAB	GRO	0.01 (-0.02 - 0.04)	0.441	0.297	FALSE	FALSE	Converged
ABO	abB	GRO	0.02 (-0.00 - 0.03)	0.068	0.297	FALSE	FALSE	Converged
ABO	abA	IL 13	0.03 (-0.25 - 0.32)	0.826	0.004	FALSE	FALSE	Converged
ABO	abAB	IL 13	0.62 (0.24 - 0.99)	0.001	0.004	FALSE	FALSE	Converged
ABO	abB	IL 13	-0.12 (-0.50 - 0.26)	0.539	0.004	FALSE	FALSE	Converged
ABO	abA	IL 16	0.01 (-0.03 - 0.04)	0.586	0.041	FALSE	FALSE	Converged
ABO	abAB	IL 16	0.09 (0.02 - 0.17)	0.014	0.041	FALSE	FALSE	Converged
ABO	abB	IL 16	-0.03 (-0.08 - 0.02)	0.300	0.041	FALSE	FALSE	Converged
ABO	abA	IL 17	0.02 (-0.04 - 0.09)	0.456	0.438	FALSE	FALSE	Converged
ABO	abAB	IL 17	0.03 (-0.10 - 0.16)	0.657	0.438	FALSE	FALSE	Converged
ABO	abB	IL 17	-0.05 (-0.14 - 0.04)	0.297	0.438	FALSE	FALSE	Converged
ABO	abA	IL 23	0.04 (-0.22 - 0.30)	0.756	0.041	FALSE	FALSE	Converged
ABO	abAB	IL 23	0.41 (0.09 - 0.73)	0.011	0.041	FALSE	FALSE	Converged
ABO	abB	IL 23	-0.09 (-0.60 - 0.42)	0.728	0.041	FALSE	FALSE	Converged
ABO	abA	IL 8	-0.02 (-0.05 - 0.00)	0.102	0.204	FALSE	FALSE	Converged
ABO	abAB	IL 8	0.01 (-0.05 - 0.06)	0.748	0.204	FALSE	FALSE	Converged
ABO	abB	IL 8	0.01 (-0.03 - 0.05)	0.626	0.204	FALSE	FALSE	Converged
ABO	abA	INSULIN	-0.03 (-0.08 - 0.02)	0.236	0.661	FALSE	FALSE	Converged
ABO	abAB	INSULIN	-0.02 (-0.15 - 0.10)	0.703	0.661	FALSE	FALSE	Converged
ABO	abB	INSULIN	-0.03 (-0.11 - 0.05)	0.418	0.661	FALSE	FALSE	Converged
ABO	abA	IP 10	-0.01 (-0.02 - 0.01)	0.376	0.125	FALSE	FALSE	Converged
ABO	abAB	IP 10	0.03 (-0.00 - 0.06)	0.086	0.125	FALSE	FALSE	Converged
ABO	abB	IP 10	0.01 (-0.01 - 0.03)	0.444	0.125	FALSE	FALSE	Converged
ABO	abA	LEPTIN	-0.00 (-0.06 - 0.06)	0.983	0.063	FALSE	FALSE	Converged
ABO	abAB	LEPTIN	0.13 (0.01 - 0.25)	0.030	0.063	FALSE	FALSE	Converged
ABO	abB	LEPTIN	-0.04 (-0.12 - 0.03)	0.232	0.063	FALSE	FALSE	Converged
ABO	abA	LIPOCALIN 2 NGAL	-0.00 (-0.04 - 0.03)	0.839	0.549	FALSE	FALSE	Converged
ABO	abAB	LIPOCALIN 2 NGAL	-0.08 (-0.18 - 0.03)	0.146	0.549	FALSE	FALSE	Converged
ABO	abB	LIPOCALIN 2 NGAL	-0.00 (-0.06 - 0.05)	0.931	0.549	FALSE	FALSE	Converged
ABO	abA	MCP 1	0.01 (-0.00 - 0.02)	0.062	0.112	FALSE	FALSE	Converged
ABO	abAB	MCP 1	0.01 (-0.02 - 0.04)	0.400	0.112	FALSE	FALSE	Converged
ABO	abB	MCP 1	0.02 (0.00 - 0.03)	0.029	0.112	FALSE	FALSE	Converged
ABO	abA	MCP 2	-0.01 (-0.02 - 0.01)	0.582	0.219	FALSE	FALSE	Converged
ABO	abAB	MCP 2	0.03 (-0.00 - 0.07)	0.073	0.219	FALSE	FALSE	Converged
ABO	abB	MCP 2	0.00 (-0.03 - 0.03)	0.873	0.219	FALSE	FALSE	Converged
ABO	abA	MCP 4	0.01 (-0.02 - 0.03)	0.478	0.096	FALSE	FALSE	Converged
ABO	abAB	MCP 4	0.06 (0.01 - 0.11)	0.015	0.096	FALSE	FALSE	Converged
ABO	abB	MCP 4	0.02 (-0.02 - 0.06)	0.272	0.096	FALSE	FALSE	Converged
ABO	abA	MDC	0.01 (-0.01 - 0.02)	0.374	0.700	FALSE	FALSE	Converged
ABO	abAB	MDC	-0.01 (-0.04 - 0.03)	0.750	0.700	FALSE	FALSE	Converged
ABO	abB	MDC	-0.00 (-0.02 - 0.01)	0.746	0.700	FALSE	FALSE	Converged
ABO	abA	MIP 1B	0.00 (-0.02 - 0.02)	0.877	0.705	FALSE	FALSE	Converged
ABO	abAB	MIP 1B	0.02 (-0.02 - 0.06)	0.284	0.705	FALSE	FALSE	Converged
ABO	abB	MIP 1B	-0.00 (-0.04 - 0.03)	0.769	0.705	FALSE	FALSE	Converged
ABO	abA	MIP 1D	-0.02 (-0.04 - -0.01)	0.008	0.027	FALSE	FALSE	Converged
ABO	abAB	MIP 1D	-0.02 (-0.06 - 0.02)	0.377	0.027	FALSE	FALSE	Converged
ABO	abB	MIP 1D	0.01 (-0.02 - 0.03)	0.564	0.027	FALSE	FALSE	Converged
ABO	abA	PAI 1	-0.00 (-0.02 - 0.01)	0.622	0.607	FALSE	FALSE	Converged
ABO	abAB	PAI 1	-0.01 (-0.06 - 0.04)	0.763	0.607	FALSE	FALSE	Converged
ABO	abB	PAI 1	0.01 (-0.01 - 0.04)	0.320	0.607	FALSE	FALSE	Converged
ABO	abA	PP	0.05 (-0.01 - 0.11)	0.114	0.447	FALSE	FALSE	Converged
ABO	abAB	PP	0.05 (-0.09 - 0.20)	0.493	0.447	FALSE	FALSE	Converged
ABO	abB	PP	0.02 (-0.07 - 0.11)	0.654	0.447	FALSE	FALSE	Converged
ABO	abA	RESISTIN	0.00 (-0.02 - 0.03)	0.860	0.847	FALSE	FALSE	Converged
ABO	abAB	RESISTIN	-0.03 (-0.09 - 0.04)	0.420	0.847	FALSE	FALSE	Converged
ABO	abB	RESISTIN	-0.00 (-0.04 - 0.03)	0.834	0.847	FALSE	FALSE	Converged
ABO	abA	SAA	0.00 (-0.03 - 0.04)	0.821	0.944	FALSE	FALSE	Converged
ABO	abAB	SAA	0.02 (-0.05 - 0.09)	0.593	0.944	FALSE	FALSE	Converged
ABO	abB	SAA	-0.00 (-0.05 - 0.04)	0.898	0.944	FALSE	FALSE	Converged
ABO	abA	SAP	0.00 (-0.01 - 0.01)	0.958	0.160	FALSE	FALSE	Converged
ABO	abAB	SAP	0.02 (0.00 - 0.05)	0.031	0.160	FALSE	FALSE	Converged
ABO	abB	SAP	-0.00 (-0.02 - 0.02)	0.932	0.160	FALSE	FALSE	Converged
ABO	abA	SDF 1A B	0.01 (-0.00 - 0.02)	0.238	0.114	FALSE	FALSE	Converged

ABO	abAB	SDF 1A B	0.03 (0.00 - 0.05)	0.028	0.114	FALSE	FALSE	Converged
ABO	abB	SDF 1A B	0.01 (-0.01 - 0.03)	0.162	0.114	FALSE	FALSE	Converged
ABO	abA	SEGFR	0.00 (-0.01 - 0.01)	0.713	0.204	FALSE	FALSE	Converged
ABO	abAB	SEGFR	0.01 (-0.00 - 0.03)	0.091	0.204	FALSE	FALSE	Converged
ABO	abB	SEGFR	0.01 (-0.00 - 0.02)	0.137	0.204	FALSE	FALSE	Converged
ABO	abA	SGP130	-0.02 (-0.03 - -0.01)	0.000	0.000	TRUE	FALSE	Converged
ABO	abAB	SGP130	-0.00 (-0.02 - 0.02)	0.945	0.000	TRUE	FALSE	Converged
ABO	abB	SGP130	0.01 (0.00 - 0.02)	0.032	0.000	TRUE	FALSE	Converged
ABO	abA	SIL4R	0.00 (-0.01 - 0.02)	0.645	0.580	FALSE	FALSE	Converged
ABO	abAB	SIL4R	0.00 (-0.03 - 0.03)	0.885	0.580	FALSE	FALSE	Converged
ABO	abB	SIL4R	0.01 (-0.00 - 0.03)	0.162	0.580	FALSE	FALSE	Converged
ABO	abA	SIL6R	0.00 (-0.01 - 0.01)	0.417	0.509	FALSE	FALSE	Converged
ABO	abAB	SIL6R	0.01 (-0.01 - 0.03)	0.443	0.509	FALSE	FALSE	Converged
ABO	abB	SIL6R	-0.00 (-0.02 - 0.01)	0.471	0.509	FALSE	FALSE	Converged
ABO	abA	SILRII	0.01 (-0.01 - 0.02)	0.263	0.681	FALSE	FALSE	Converged
ABO	abAB	SILRII	-0.00 (-0.03 - 0.03)	0.948	0.681	FALSE	FALSE	Converged
ABO	abB	SILRII	0.01 (-0.01 - 0.02)	0.439	0.681	FALSE	FALSE	Converged
ABO	abA	STNFRI	0.01 (-0.01 - 0.02)	0.305	0.076	FALSE	FALSE	Converged
ABO	abAB	STNFRI	0.03 (0.01 - 0.06)	0.010	0.076	FALSE	FALSE	Converged
ABO	abB	STNFRI	0.00 (-0.01 - 0.02)	0.679	0.076	FALSE	FALSE	Converged
ABO	abA	STNFRII	-0.00 (-0.01 - 0.01)	0.372	0.147	FALSE	FALSE	Converged
ABO	abAB	STNFRII	0.02 (-0.01 - 0.04)	0.208	0.147	FALSE	FALSE	Converged
ABO	abB	STNFRII	-0.01 (-0.03 - 0.00)	0.097	0.147	FALSE	FALSE	Converged
ABO	abA	SVEGFR2	-0.04 (-0.05 - -0.03)	0.000	0.000	TRUE	FALSE	Converged
ABO	abAB	SVEGFR2	-0.03 (-0.05 - -0.01)	0.006	0.000	TRUE	FALSE	Converged
ABO	abB	SVEGFR2	0.00 (-0.01 - 0.02)	0.708	0.000	TRUE	FALSE	Converged
ABO	abA	SVEGFR3	-0.08 (-0.10 - -0.05)	0.000	0.000	TRUE	FALSE	Converged
ABO	abAB	SVEGFR3	-0.03 (-0.07 - 0.02)	0.304	0.000	TRUE	FALSE	Converged
ABO	abB	SVEGFR3	0.03 (-0.00 - 0.07)	0.068	0.000	TRUE	FALSE	Converged
ABO	abA	TARC	-0.01 (-0.03 - 0.01)	0.236	0.177	FALSE	FALSE	Converged
ABO	abAB	TARC	0.02 (-0.02 - 0.05)	0.372	0.177	FALSE	FALSE	Converged
ABO	abB	TARC	-0.03 (-0.06 - 0.01)	0.109	0.177	FALSE	FALSE	Converged
ABO	abA	TGF A	0.03 (-0.00 - 0.07)	0.063	0.026	FALSE	FALSE	Converged
ABO	abAB	TGF A	0.08 (0.01 - 0.14)	0.024	0.026	FALSE	FALSE	Converged
ABO	abB	TGF A	-0.02 (-0.07 - 0.04)	0.539	0.026	FALSE	FALSE	Converged
ABO	abA	TGF B1	-0.01 (-0.05 - 0.03)	0.675	0.214	FALSE	FALSE	Converged
ABO	abAB	TGF B1	0.05 (-0.01 - 0.11)	0.092	0.214	FALSE	FALSE	Converged
ABO	abB	TGF B1	0.02 (-0.03 - 0.07)	0.415	0.214	FALSE	FALSE	Converged
ABO	abA	TNFA	-0.00 (-0.02 - 0.01)	0.635	0.155	FALSE	FALSE	Converged
ABO	abAB	TNFA	0.03 (0.00 - 0.07)	0.046	0.155	FALSE	FALSE	Converged
ABO	abB	TNFA	0.00 (-0.02 - 0.03)	0.897	0.155	FALSE	FALSE	Converged
ABO	abA	TPO	0.03 (-0.02 - 0.09)	0.190	0.329	FALSE	FALSE	Converged
ABO	abAB	TPO	0.05 (-0.06 - 0.16)	0.374	0.329	FALSE	FALSE	Converged
ABO	abB	TPO	-0.02 (-0.10 - 0.05)	0.555	0.329	FALSE	FALSE	Converged
ABO	abA	TRAIL	-0.02 (-0.03 - 0.00)	0.093	0.179	FALSE	FALSE	Converged
ABO	abAB	TRAIL	0.01 (-0.02 - 0.04)	0.444	0.179	FALSE	FALSE	Converged
ABO	abB	TRAIL	0.00 (-0.02 - 0.03)	0.863	0.179	FALSE	FALSE	Converged
ABO	abA	VEGF	-0.01 (-0.06 - 0.03)	0.550	0.929	FALSE	FALSE	Converged
ABO	abAB	VEGF	-0.01 (-0.10 - 0.08)	0.818	0.929	FALSE	FALSE	Converged
ABO	abB	VEGF	-0.02 (-0.08 - 0.05)	0.621	0.929	FALSE	FALSE	Converged
ABO	abA	X6CKINE	0.02 (-0.00 - 0.05)	0.084	0.017	FALSE	FALSE	Converged
ABO	abAB	X6CKINE	0.08 (0.03 - 0.13)	0.003	0.017	FALSE	FALSE	Converged
ABO	abB	X6CKINE	0.00 (-0.03 - 0.04)	0.809	0.017	FALSE	FALSE	Converged
Secretor	Nonsecretor	FGF 2	1.01 (0.83 - 1.22)	0.935	0.935	FALSE	TRUE	Converged
Secretor	Nonsecretor	FLT 3L	1.33 (0.67 - 2.65)	0.411	0.412	FALSE	TRUE	Converged
Secretor	Nonsecretor	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Secretor	Nonsecretor	GLP 1	1.54 (1.03 - 2.31)	0.034	0.034	FALSE	TRUE	Converged
Secretor	Nonsecretor	GLUCAGON	1.62 (0.95 - 2.75)	0.075	0.076	FALSE	TRUE	Converged
Secretor	Nonsecretor	GM CSF	0.80 (0.52 - 1.24)	0.324	0.324	FALSE	TRUE	Converged
Secretor	Nonsecretor	IFNA2	--	0.000	0.000	FALSE	TRUE	Converged
Secretor	Nonsecretor	IFNG	1.02 (0.76 - 1.35)	0.918	0.918	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 10	1.18 (0.78 - 1.78)	0.424	0.424	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 11	1.17 (0.85 - 1.62)	0.326	0.326	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 12P40	0.45 (0.28 - 0.73)	0.001	0.001	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 15	0.72 (0.50 - 1.04)	0.083	0.083	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 1A	0.70 (0.49 - 1.01)	0.055	0.055	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 1B	0.44 (0.06 - 3.25)	0.422	0.422	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 2	0.81 (0.59 - 1.12)	0.202	0.203	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 29 IFNL1	1.06 (0.71 - 1.59)	0.770	0.770	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 33	0.91 (0.74 - 1.13)	0.410	0.410	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 4	1.17 (0.72 - 1.89)	0.521	0.521	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 5	0.66 (0.07 - 6.53)	0.723	0.723	FALSE	TRUE	Converged

Secretor	Nonsecretor	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Secretor	Nonsecretor	IL 7	1.36 (0.67 - 2.74)	0.391	0.391	FALSE	TRUE	Converged
Secretor	Nonsecretor	MCP 3	1.00 (0.88 - 1.14)	1.000	1.000	FALSE	TRUE	Converged
Secretor	Nonsecretor	MIP 1A	1.58 (0.99 - 2.53)	0.058	0.058	FALSE	TRUE	Converged
Secretor	Nonsecretor	PYY	0.66 (0.26 - 1.71)	0.393	0.393	FALSE	TRUE	Converged
Secretor	Nonsecretor	SCF	1.10 (0.91 - 1.34)	0.304	0.304	FALSE	TRUE	Converged
Secretor	Nonsecretor	SIL 2RA	1.42 (0.86 - 2.36)	0.171	0.171	FALSE	TRUE	Converged
Secretor	Nonsecretor	TNF B	0.90 (0.74 - 1.10)	0.324	0.324	FALSE	TRUE	Converged
Secretor	Nonsecretor	TSLP	0.90 (0.71 - 1.14)	0.382	0.383	FALSE	TRUE	Converged
Secretor	Nonsecretor	SCD40L	0.95 (0.70 - 1.30)	0.769	0.769	FALSE	TRUE	Converged
Dombrock	DoA+B+	FGF 2	1.01 (0.87 - 1.18)	0.870	0.333	FALSE	TRUE	Converged
Dombrock	DoA-B+	FGF 2	0.87 (0.71 - 1.08)	0.206	0.333	FALSE	TRUE	Converged
Dombrock	DoA+B+	FLT 3L	1.05 (0.61 - 1.80)	0.868	0.342	FALSE	TRUE	Converged
Dombrock	DoA-B+	FLT 3L	0.59 (0.26 - 1.34)	0.205	0.342	FALSE	TRUE	Converged
Dombrock	DoA+B+	GLP 1	1.34 (0.94 - 1.92)	0.108	0.182	FALSE	TRUE	Converged
Dombrock	DoA-B+	GLP 1	0.99 (0.61 - 1.59)	0.961	0.182	FALSE	TRUE	Converged
Dombrock	DoA+B+	GLUCAGON	1.13 (0.72 - 1.78)	0.594	0.228	FALSE	TRUE	Converged
Dombrock	DoA-B+	GLUCAGON	1.69 (0.92 - 3.11)	0.090	0.228	FALSE	TRUE	Converged
Dombrock	DoA+B+	GM CSF	0.78 (0.54 - 1.11)	0.162	0.304	FALSE	TRUE	Converged
Dombrock	DoA-B+	GM CSF	0.74 (0.45 - 1.21)	0.234	0.304	FALSE	TRUE	Converged
Dombrock	DoA+B+	IFNG	1.15 (0.91 - 1.44)	0.236	0.471	FALSE	TRUE	Converged
Dombrock	DoA-B+	IFNG	1.03 (0.75 - 1.42)	0.844	0.471	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 10	1.22 (0.89 - 1.67)	0.216	0.269	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 10	1.38 (0.90 - 2.11)	0.137	0.269	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 11	1.05 (0.81 - 1.36)	0.726	0.744	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 11	1.15 (0.80 - 1.66)	0.442	0.744	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 12P40	0.72 (0.51 - 1.00)	0.053	0.123	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 12P40	0.96 (0.62 - 1.48)	0.851	0.123	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 15	0.93 (0.72 - 1.22)	0.615	0.499	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 15	0.79 (0.53 - 1.17)	0.238	0.499	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 1A	0.85 (0.65 - 1.10)	0.213	0.184	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 1A	0.71 (0.48 - 1.05)	0.084	0.184	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 1B	0.64 (0.19 - 2.11)	0.461	0.514	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 1B	2.54 (0.12 - 55.73)	0.554	0.514	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 2	1.02 (0.80 - 1.30)	0.884	0.980	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 2	0.99 (0.70 - 1.40)	0.945	0.980	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 29 IFNL1	0.95 (0.71 - 1.27)	0.725	0.433	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 29 IFNL1	0.76 (0.50 - 1.16)	0.200	0.433	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 33	1.06 (0.90 - 1.25)	0.498	0.015	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 33	0.75 (0.59 - 0.96)	0.021	0.015	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 4	1.05 (0.72 - 1.52)	0.815	0.961	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 4	0.98 (0.57 - 1.71)	0.956	0.961	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 5	1.13 (0.35 - 3.70)	0.834	0.000	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 5	--	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA+B+	IL 7	0.80 (0.44 - 1.45)	0.469	0.624	FALSE	TRUE	Converged
Dombrock	DoA-B+	IL 7	0.72 (0.34 - 1.50)	0.375	0.624	FALSE	TRUE	Converged
Dombrock	DoA+B+	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA-B+	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA+B+	MIP 1A	1.07 (0.73 - 1.56)	0.735	0.881	FALSE	TRUE	Converged
Dombrock	DoA-B+	MIP 1A	1.14 (0.67 - 1.94)	0.629	0.881	FALSE	TRUE	Converged
Dombrock	DoA+B+	PYY	--	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA-B+	PYY	--	0.000	0.000	FALSE	TRUE	Converged
Dombrock	DoA+B+	SCF	0.97 (0.83 - 1.13)	0.684	0.919	FALSE	TRUE	Converged
Dombrock	DoA-B+	SCF	0.99 (0.80 - 1.22)	0.897	0.919	FALSE	TRUE	Converged
Dombrock	DoA+B+	SIL 2RA	1.42 (0.90 - 2.24)	0.127	0.223	FALSE	TRUE	Converged
Dombrock	DoA-B+	SIL 2RA	1.56 (0.85 - 2.85)	0.149	0.223	FALSE	TRUE	Converged
Dombrock	DoA+B+	TNF B	0.93 (0.80 - 1.08)	0.336	0.166	FALSE	TRUE	Converged
Dombrock	DoA-B+	TNF B	0.81 (0.65 - 1.01)	0.060	0.166	FALSE	TRUE	Converged
Dombrock	DoA+B+	TSLP	0.97 (0.81 - 1.16)	0.746	0.023	FALSE	TRUE	Converged
Dombrock	DoA-B+	TSLP	0.70 (0.53 - 0.91)	0.008	0.023	FALSE	TRUE	Converged
Dombrock	DoA+B+	SCD40L	0.96 (0.75 - 1.22)	0.724	0.622	FALSE	TRUE	Converged
Dombrock	DoA-B+	SCD40L	1.13 (0.80 - 1.59)	0.494	0.622	FALSE	TRUE	Converged
RhE	Ee	FGF 2	1.00 (0.83 - 1.20)	0.990	0.503	FALSE	TRUE	Converged
RhE	ee	FGF 2	0.65 (0.32 - 1.33)	0.242	0.503	FALSE	TRUE	Converged
RhE	Ee	FLT 3L	0.50 (0.22 - 1.12)	0.092	0.118	FALSE	TRUE	Converged
RhE	ee	FLT 3L	2.08 (0.55 - 7.77)	0.279	0.118	FALSE	TRUE	Converged
RhE	Ee	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Converged
RhE	ee	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
RhE	Ee	GLP 1	0.92 (0.59 - 1.42)	0.697	0.852	FALSE	TRUE	Converged

RhE	ee	GLP 1	0.74 (0.18 - 2.99)	0.667	0.852	FALSE	TRUE	Converged
RhE	Ee	GLUCAGON	0.67 (0.39 - 1.15)	0.150	0.006	FALSE	TRUE	Converged
RhE	ee	GLUCAGON	4.32 (1.47 - 12.68)	0.008	0.006	FALSE	TRUE	Converged
RhE	Ee	GM CSF	0.77 (0.50 - 1.17)	0.224	0.195	FALSE	TRUE	Converged
RhE	ee	GM CSF	0.32 (0.06 - 1.60)	0.165	0.195	FALSE	TRUE	Converged
RhE	Ee	IFNG	0.81 (0.62 - 1.07)	0.138	0.218	FALSE	TRUE	Converged
RhE	ee	IFNG	1.45 (0.60 - 3.48)	0.409	0.218	FALSE	TRUE	Converged
RhE	Ee	IL 10	1.03 (0.70 - 1.49)	0.897	0.936	FALSE	TRUE	Converged
RhE	ee	IL 10	0.80 (0.21 - 3.08)	0.741	0.936	FALSE	TRUE	Converged
RhE	Ee	IL 11	0.80 (0.58 - 1.11)	0.180	0.254	FALSE	TRUE	Converged
RhE	ee	IL 11	1.47 (0.62 - 3.50)	0.381	0.254	FALSE	TRUE	Converged
RhE	Ee	IL 12P40	0.95 (0.64 - 1.43)	0.813	0.883	FALSE	TRUE	Converged
RhE	ee	IL 12P40	1.27 (0.41 - 3.88)	0.676	0.883	FALSE	TRUE	Converged
RhE	Ee	IL 15	0.75 (0.53 - 1.06)	0.106	0.262	FALSE	TRUE	Converged
RhE	ee	IL 15	1.09 (0.40 - 2.94)	0.867	0.262	FALSE	TRUE	Converged
RhE	Ee	IL 1A	0.80 (0.58 - 1.12)	0.193	0.422	FALSE	TRUE	Converged
RhE	ee	IL 1A	1.05 (0.40 - 2.74)	0.922	0.422	FALSE	TRUE	Converged
RhE	Ee	IL 1B	8.64 (0.91 - 82.48)	0.061	0.000	FALSE	TRUE	Converged
RhE	ee	IL 1B	--	0.000	0.000	FALSE	TRUE	Converged
RhE	Ee	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
RhE	ee	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
RhE	Ee	IL 2	0.89 (0.66 - 1.20)	0.455	0.719	FALSE	TRUE	Converged
RhE	ee	IL 2	1.13 (0.47 - 2.73)	0.790	0.719	FALSE	TRUE	Converged
RhE	Ee	IL 29 IFNL1	0.81 (0.55 - 1.18)	0.267	0.307	FALSE	TRUE	Converged
RhE	ee	IL 29 IFNL1	1.81 (0.57 - 5.74)	0.315	0.307	FALSE	TRUE	Converged
RhE	Ee	IL 33	0.94 (0.77 - 1.16)	0.584	0.494	FALSE	TRUE	Converged
RhE	ee	IL 33	1.44 (0.71 - 2.92)	0.308	0.494	FALSE	TRUE	Converged
RhE	Ee	IL 4	0.95 (0.61 - 1.50)	0.836	0.976	FALSE	TRUE	Converged
RhE	ee	IL 4	1.05 (0.20 - 5.58)	0.954	0.976	FALSE	TRUE	Converged
RhE	Ee	IL 5	8.13 (0.20 - 334.98)	0.269	0.203	FALSE	TRUE	Converged
RhE	ee	IL 5	0.14 (0.01 - 2.14)	0.159	0.203	FALSE	TRUE	Converged
RhE	Ee	IL 6	--	0.000	0.000	FALSE	TRUE	Converged
RhE	ee	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
RhE	Ee	IL 7	1.17 (0.56 - 2.43)	0.675	0.683	FALSE	TRUE	Converged
RhE	ee	IL 7	0.35 (0.02 - 5.80)	0.462	0.683	FALSE	TRUE	Converged
RhE	Ee	MCP 3	1.00 (0.88 - 1.13)	1.000	1.000	FALSE	TRUE	Converged
RhE	ee	MCP 3	1.00 (0.68 - 1.47)	1.000	1.000	FALSE	TRUE	Converged
RhE	Ee	MIP 1A	1.17 (0.75 - 1.82)	0.502	0.787	FALSE	TRUE	Converged
RhE	ee	MIP 1A	1.15 (0.32 - 4.21)	0.828	0.787	FALSE	TRUE	Converged
RhE	Ee	PYY	--	0.000	0.000	FALSE	TRUE	Converged
RhE	ee	PYY	0.15 (0.03 - 0.86)	0.034	0.000	FALSE	TRUE	Converged
RhE	Ee	SCF	0.88 (0.73 - 1.06)	0.193	0.188	FALSE	TRUE	Converged
RhE	ee	SCF	0.62 (0.31 - 1.24)	0.175	0.188	FALSE	TRUE	Converged
RhE	Ee	TNF B	0.92 (0.76 - 1.11)	0.397	0.277	FALSE	TRUE	Converged
RhE	ee	TNF B	0.57 (0.26 - 1.25)	0.161	0.277	FALSE	TRUE	Converged
RhE	Ee	TSLP	0.80 (0.64 - 1.01)	0.061	0.122	FALSE	TRUE	Converged
RhE	ee	TSLP	0.65 (0.26 - 1.61)	0.353	0.122	FALSE	TRUE	Converged
RhE	Ee	SCD40L	1.24 (0.92 - 1.68)	0.155	0.108	FALSE	TRUE	Converged
RhE	ee	SCD40L	2.40 (0.84 - 6.84)	0.103	0.108	FALSE	TRUE	Converged
Kidd	JkA+B+	FGF 2	0.92 (0.78 - 1.08)	0.313	0.531	FALSE	TRUE	Converged
Kidd	JkA-B+	FGF 2	0.98 (0.81 - 1.19)	0.875	0.531	FALSE	TRUE	Converged
Kidd	JkA+B+	FLT 3L	0.61 (0.35 - 1.09)	0.093	0.245	FALSE	TRUE	Converged
Kidd	JkA-B+	FLT 3L	0.76 (0.40 - 1.44)	0.407	0.245	FALSE	TRUE	Converged
Kidd	JkA+B+	GLP 1	1.16 (0.80 - 1.68)	0.430	0.350	FALSE	TRUE	Converged
Kidd	JkA-B+	GLP 1	0.87 (0.56 - 1.36)	0.541	0.350	FALSE	TRUE	Converged
Kidd	JkA+B+	GLUCAGON	0.60 (0.37 - 0.98)	0.039	0.019	FALSE	TRUE	Converged
Kidd	JkA-B+	GLUCAGON	1.23 (0.74 - 2.04)	0.432	0.019	FALSE	TRUE	Converged
Kidd	JkA+B+	GM CSF	0.81 (0.55 - 1.18)	0.268	0.483	FALSE	TRUE	Converged
Kidd	JkA-B+	GM CSF	0.97 (0.62 - 1.50)	0.876	0.483	FALSE	TRUE	Converged
Kidd	JkA+B+	IFNA2	--	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA-B+	IFNA2	7.25 (3.33 - 15.79)	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA+B+	IFNG	0.91 (0.71 - 1.16)	0.440	0.544	FALSE	TRUE	Converged
Kidd	JkA-B+	IFNG	1.04 (0.78 - 1.38)	0.810	0.544	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 10	1.01 (0.71 - 1.42)	0.973	0.993	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 10	1.02 (0.69 - 1.52)	0.907	0.993	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 11	0.99 (0.75 - 1.31)	0.946	0.665	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 11	0.87 (0.63 - 1.22)	0.427	0.665	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 12P40	1.13 (0.79 - 1.62)	0.511	0.693	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 12P40	1.19 (0.79 - 1.80)	0.412	0.693	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 15	1.15 (0.85 - 1.54)	0.369	0.582	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 15	1.01 (0.72 - 1.43)	0.948	0.582	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 1A	0.96 (0.72 - 1.28)	0.773	0.941	FALSE	TRUE	Converged

Kidd	JkA-B+	IL 1A	0.95 (0.68 - 1.33)	0.747	0.941	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 1B	0.38 (0.08 - 1.72)	0.209	0.209	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 1B	1.28 (0.23 - 7.09)	0.776	0.209	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 2	0.84 (0.65 - 1.10)	0.208	0.331	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 2	1.00 (0.74 - 1.35)	0.997	0.331	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 29 IFNL1	0.92 (0.66 - 1.28)	0.621	0.555	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 29 IFNL1	1.10 (0.76 - 1.60)	0.611	0.555	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 33	0.88 (0.74 - 1.05)	0.160	0.099	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 33	0.79 (0.64 - 0.98)	0.033	0.099	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 4	1.00 (0.65 - 1.54)	0.996	0.997	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 4	0.98 (0.60 - 1.61)	0.949	0.997	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 5	0.72 (0.13 - 3.99)	0.702	0.733	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 5	0.52 (0.09 - 2.92)	0.458	0.733	FALSE	TRUE	Converged
Kidd	JkA+B+	IL 7	1.25 (0.65 - 2.40)	0.512	0.746	FALSE	TRUE	Converged
Kidd	JkA-B+	IL 7	1.31 (0.62 - 2.78)	0.479	0.746	FALSE	TRUE	Converged
Kidd	JkA+B+	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA-B+	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA+B+	MIP 1A	0.79 (0.53 - 1.18)	0.241	0.128	FALSE	TRUE	Converged
Kidd	JkA-B+	MIP 1A	1.21 (0.77 - 1.92)	0.405	0.128	FALSE	TRUE	Converged
Kidd	JkA+B+	PYY	1.47 (0.14 - 15.26)	0.746	0.000	FALSE	TRUE	Converged
Kidd	JkA-B+	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Kidd	JkA+B+	SCF	0.88 (0.75 - 1.04)	0.133	0.217	FALSE	TRUE	Converged
Kidd	JkA-B+	SCF	0.86 (0.71 - 1.04)	0.117	0.217	FALSE	TRUE	Converged
Kidd	JkA+B+	SIL 2RA	0.88 (0.55 - 1.42)	0.604	0.738	FALSE	TRUE	Converged
Kidd	JkA-B+	SIL 2RA	1.05 (0.61 - 1.82)	0.855	0.738	FALSE	TRUE	Converged
Kidd	JkA+B+	TNF B	0.81 (0.69 - 0.96)	0.016	0.054	FALSE	TRUE	Converged
Kidd	JkA-B+	TNF B	0.88 (0.73 - 1.07)	0.192	0.054	FALSE	TRUE	Converged
Kidd	JkA+B+	TSLP	1.12 (0.92 - 1.36)	0.271	0.539	FALSE	TRUE	Converged
Kidd	JkA-B+	TSLP	1.06 (0.84 - 1.34)	0.620	0.539	FALSE	TRUE	Converged
Kidd	JkA+B+	SCD40L	0.90 (0.69 - 1.18)	0.456	0.690	FALSE	TRUE	Converged
Kidd	JkA-B+	SCD40L	0.89 (0.65 - 1.20)	0.440	0.690	FALSE	TRUE	Converged
Aub	AuA-B+	FGF 2	0.82 (0.61 - 1.09)	0.168	0.383	FALSE	TRUE	Converged
Aub	AuA+B+	FGF 2	0.99 (0.85 - 1.15)	0.859	0.383	FALSE	TRUE	Converged
Aub	AuA-B+	FLT 3L	1.34 (0.56 - 3.21)	0.508	0.731	FALSE	TRUE	Converged
Aub	AuA+B+	FLT 3L	0.94 (0.54 - 1.61)	0.809	0.731	FALSE	TRUE	Converged
Aub	AuA-B+	GLP 1	1.02 (0.53 - 1.94)	0.962	0.283	FALSE	TRUE	Converged
Aub	AuA+B+	GLP 1	1.31 (0.93 - 1.85)	0.121	0.283	FALSE	TRUE	Converged
Aub	AuA-B+	GLUCAGON	1.10 (0.47 - 2.57)	0.831	0.826	FALSE	TRUE	Converged
Aub	AuA+B+	GLUCAGON	0.89 (0.57 - 1.40)	0.611	0.826	FALSE	TRUE	Converged
Aub	AuA-B+	GM CSF	1.43 (0.75 - 2.72)	0.272	0.445	FALSE	TRUE	Converged
Aub	AuA+B+	GM CSF	0.94 (0.67 - 1.33)	0.738	0.445	FALSE	TRUE	Converged
Aub	AuA-B+	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA+B+	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA-B+	IFNG	1.38 (0.89 - 2.13)	0.145	0.003	FALSE	TRUE	Converged
Aub	AuA+B+	IFNG	1.47 (1.17 - 1.84)	0.001	0.003	FALSE	TRUE	Converged
Aub	AuA-B+	IL 10	0.68 (0.35 - 1.32)	0.259	0.009	FALSE	TRUE	Converged
Aub	AuA+B+	IL 10	1.51 (1.11 - 2.07)	0.010	0.009	FALSE	TRUE	Converged
Aub	AuA-B+	IL 11	0.71 (0.41 - 1.22)	0.211	0.208	FALSE	TRUE	Converged
Aub	AuA+B+	IL 11	1.13 (0.88 - 1.46)	0.339	0.208	FALSE	TRUE	Converged
Aub	AuA-B+	IL 12P40	0.99 (0.54 - 1.84)	0.985	0.234	FALSE	TRUE	Converged
Aub	AuA+B+	IL 12P40	1.32 (0.95 - 1.83)	0.102	0.234	FALSE	TRUE	Converged
Aub	AuA-B+	IL 12P70	0.11 (0.01 - 1.61)	0.106	0.049	FALSE	TRUE	Converged
Aub	AuA+B+	IL 12P70	5.05 (0.68 - 37.71)	0.114	0.049	FALSE	TRUE	Converged
Aub	AuA-B+	IL 15	0.87 (0.51 - 1.48)	0.614	0.531	FALSE	TRUE	Converged
Aub	AuA+B+	IL 15	1.13 (0.86 - 1.47)	0.385	0.531	FALSE	TRUE	Converged
Aub	AuA-B+	IL 1A	0.90 (0.53 - 1.53)	0.697	0.133	FALSE	TRUE	Converged
Aub	AuA+B+	IL 1A	1.28 (0.98 - 1.66)	0.068	0.133	FALSE	TRUE	Converged
Aub	AuA-B+	IL 1B	1.21 (0.03 - 53.88)	0.922	0.916	FALSE	TRUE	Converged
Aub	AuA+B+	IL 1B	1.26 (0.42 - 3.81)	0.683	0.916	FALSE	TRUE	Converged
Aub	AuA-B+	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA+B+	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA-B+	IL 2	0.81 (0.50 - 1.33)	0.412	0.022	FALSE	TRUE	Converged
Aub	AuA+B+	IL 2	1.34 (1.05 - 1.71)	0.017	0.022	FALSE	TRUE	Converged
Aub	AuA-B+	IL 29 IFNL1	0.56 (0.27 - 1.16)	0.119	0.033	FALSE	TRUE	Converged
Aub	AuA+B+	IL 29 IFNL1	1.30 (0.98 - 1.72)	0.073	0.033	FALSE	TRUE	Converged
Aub	AuA-B+	IL 33	0.92 (0.67 - 1.27)	0.619	0.718	FALSE	TRUE	Converged
Aub	AuA+B+	IL 33	1.04 (0.89 - 1.23)	0.604	0.718	FALSE	TRUE	Converged
Aub	AuA-B+	IL 4	0.72 (0.31 - 1.68)	0.447	0.319	FALSE	TRUE	Converged
Aub	AuA+B+	IL 4	1.25 (0.85 - 1.83)	0.259	0.319	FALSE	TRUE	Converged
Aub	AuA-B+	IL 5	--	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA+B+	IL 5	0.62 (0.17 - 2.26)	0.470	0.000	FALSE	TRUE	Converged

Aub	AuA-B+	IL 7	0.64 (0.24 - 1.71)	0.370	0.656	FALSE	TRUE	Converged
Aub	AuA+B+	IL 7	0.99 (0.55 - 1.80)	0.978	0.656	FALSE	TRUE	Converged
Aub	AuA-B+	MCP 3	4.58 (0.66 - 31.57)	0.122	0.000	FALSE	TRUE	Converged
Aub	AuA+B+	MCP 3	--	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA-B+	MIP 1A	0.97 (0.45 - 2.10)	0.937	0.001	FALSE	TRUE	Converged
Aub	AuA+B+	MIP 1A	1.99 (1.37 - 2.89)	0.000	0.001	FALSE	TRUE	Converged
Aub	AuA-B+	PYY	--	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA+B+	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Aub	AuA-B+	SCF	1.09 (0.81 - 1.46)	0.573	0.659	FALSE	TRUE	Converged
Aub	AuA+B+	SCF	0.96 (0.82 - 1.11)	0.566	0.659	FALSE	TRUE	Converged
Aub	AuA-B+	SIL 2RA	1.02 (0.42 - 2.47)	0.971	0.482	FALSE	TRUE	Converged
Aub	AuA+B+	SIL 2RA	1.30 (0.84 - 2.01)	0.237	0.482	FALSE	TRUE	Converged
Aub	AuA-B+	TNF B	0.82 (0.61 - 1.11)	0.204	0.447	FALSE	TRUE	Converged
Aub	AuA+B+	TNF B	0.97 (0.84 - 1.14)	0.744	0.447	FALSE	TRUE	Converged
Aub	AuA-B+	TSLP	0.95 (0.67 - 1.35)	0.781	0.729	FALSE	TRUE	Converged
Aub	AuA+B+	TSLP	0.93 (0.78 - 1.11)	0.432	0.729	FALSE	TRUE	Converged
Aub	AuA-B+	SCD40L	1.28 (0.79 - 2.06)	0.316	0.098	FALSE	TRUE	Converged
Aub	AuA+B+	SCD40L	1.30 (1.01 - 1.65)	0.038	0.098	FALSE	TRUE	Converged
Duffy	FYA+B+	FGF 2	0.96 (0.80 - 1.16)	0.693	0.864	FALSE	TRUE	Converged
Duffy	FYA-B+	FGF 2	0.95 (0.78 - 1.16)	0.593	0.864	FALSE	TRUE	Converged
Duffy	FYA+B+	FLT 3L	0.46 (0.24 - 0.87)	0.018	0.051	FALSE	TRUE	Converged
Duffy	FYA-B+	FLT 3L	0.76 (0.40 - 1.47)	0.418	0.051	FALSE	TRUE	Converged
Duffy	FYA+B+	GLP 1	1.00 (0.65 - 1.54)	0.983	0.395	FALSE	TRUE	Converged
Duffy	FYA-B+	GLP 1	1.28 (0.81 - 2.01)	0.288	0.395	FALSE	TRUE	Converged
Duffy	FYA+B+	GLUCAGON	0.69 (0.39 - 1.21)	0.197	0.136	FALSE	TRUE	Converged
Duffy	FYA-B+	GLUCAGON	1.10 (0.61 - 1.99)	0.749	0.136	FALSE	TRUE	Converged
Duffy	FYA+B+	GM CSF	0.92 (0.60 - 1.42)	0.714	0.579	FALSE	TRUE	Converged
Duffy	FYA-B+	GM CSF	0.79 (0.49 - 1.26)	0.324	0.579	FALSE	TRUE	Converged
Duffy	FYA+B+	IFNA2	--	0.000	0.000	FALSE	TRUE	Converged
Duffy	FYA-B+	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Duffy	FYA+B+	IFNG	0.83 (0.63 - 1.09)	0.182	0.104	FALSE	TRUE	Converged
Duffy	FYA-B+	IFNG	0.72 (0.54 - 0.97)	0.033	0.104	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 10	1.34 (0.88 - 2.02)	0.169	0.384	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 10	1.25 (0.81 - 1.93)	0.306	0.384	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 11	0.78 (0.57 - 1.07)	0.120	0.205	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 11	0.76 (0.54 - 1.06)	0.101	0.205	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 12P40	1.07 (0.71 - 1.62)	0.745	0.894	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 12P40	1.11 (0.71 - 1.74)	0.636	0.894	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 12P70	0.66 (0.04 - 11.01)	0.774	0.891	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 12P70	0.47 (0.02 - 10.11)	0.632	0.891	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 15	0.95 (0.67 - 1.33)	0.756	0.228	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 15	1.22 (0.85 - 1.73)	0.279	0.228	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 1A	1.22 (0.86 - 1.73)	0.259	0.281	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 1A	1.35 (0.93 - 1.95)	0.111	0.281	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 1B	1.08 (0.19 - 6.30)	0.930	0.641	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 1B	0.58 (0.10 - 3.42)	0.550	0.641	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 2	0.83 (0.61 - 1.12)	0.216	0.380	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 2	0.96 (0.70 - 1.31)	0.780	0.380	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 29 IFNL1	1.23 (0.85 - 1.78)	0.281	0.238	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 29 IFNL1	0.94 (0.62 - 1.41)	0.756	0.238	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 33	0.94 (0.76 - 1.15)	0.521	0.626	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 33	0.90 (0.72 - 1.12)	0.333	0.626	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 4	0.83 (0.52 - 1.33)	0.451	0.753	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 4	0.89 (0.55 - 1.44)	0.638	0.753	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 5	1.71 (0.40 - 7.29)	0.465	0.144	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 5	7.06 (1.00 - 49.72)	0.050	0.144	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Duffy	FYA+B+	IL 7	0.50 (0.24 - 1.02)	0.056	0.156	FALSE	TRUE	Converged
Duffy	FYA-B+	IL 7	0.59 (0.28 - 1.25)	0.170	0.156	FALSE	TRUE	Converged
Duffy	FYA+B+	MIP 1A	0.78 (0.50 - 1.22)	0.275	0.551	FALSE	TRUE	Converged
Duffy	FYA-B+	MIP 1A	0.84 (0.52 - 1.38)	0.496	0.551	FALSE	TRUE	Converged
Duffy	FYA+B+	SCF	0.83 (0.69 - 1.00)	0.049	0.056	FALSE	TRUE	Converged
Duffy	FYA-B+	SCF	0.98 (0.81 - 1.20)	0.878	0.056	FALSE	TRUE	Converged
Duffy	FYA+B+	SIL 2RA	0.78 (0.46 - 1.30)	0.336	0.416	FALSE	TRUE	Converged
Duffy	FYA-B+	SIL 2RA	0.68 (0.39 - 1.22)	0.197	0.416	FALSE	TRUE	Converged
Duffy	FYA+B+	TNF B	0.97 (0.80 - 1.17)	0.740	0.747	FALSE	TRUE	Converged
Duffy	FYA-B+	TNF B	1.03 (0.84 - 1.27)	0.755	0.747	FALSE	TRUE	Converged
Duffy	FYA+B+	TSLP	0.90 (0.72 - 1.13)	0.364	0.345	FALSE	TRUE	Converged
Duffy	FYA-B+	TSLP	0.84 (0.66 - 1.06)	0.145	0.345	FALSE	TRUE	Converged
Duffy	FYA+B+	SCD40L	0.97 (0.71 - 1.31)	0.830	0.884	FALSE	TRUE	Converged
Duffy	FYA-B+	SCD40L	0.92 (0.67 - 1.27)	0.630	0.884	FALSE	TRUE	Converged

Lewis	LeA+	FGF 2	1.01 (0.83 - 1.22)	0.957	0.957	FALSE	TRUE	Converged
Lewis	LeA+	FLT 3L	1.33 (0.67 - 2.65)	0.410	0.410	FALSE	TRUE	Converged
Lewis	LeA+	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Lewis	LeA+	GLP 1	1.54 (1.03 - 2.30)	0.036	0.036	FALSE	TRUE	Converged
Lewis	LeA+	GLUCAGON	1.64 (0.96 - 2.79)	0.068	0.068	FALSE	TRUE	Converged
Lewis	LeA+	GM CSF	0.83 (0.54 - 1.30)	0.420	0.420	FALSE	TRUE	Converged
Lewis	LeA+	IFNA2	--	0.000	0.000	FALSE	TRUE	Converged
Lewis	LeA+	IFNG	1.03 (0.77 - 1.37)	0.864	0.864	FALSE	TRUE	Converged
Lewis	LeA+	IL 10	1.18 (0.78 - 1.78)	0.429	0.429	FALSE	TRUE	Converged
Lewis	LeA+	IL 11	1.17 (0.85 - 1.62)	0.339	0.340	FALSE	TRUE	Converged
Lewis	LeA+	IL 12P40	0.46 (0.28 - 0.75)	0.002	0.002	FALSE	TRUE	Converged
Lewis	LeA+	IL 15	0.70 (0.48 - 1.01)	0.060	0.060	FALSE	TRUE	Converged
Lewis	LeA+	IL 1A	0.72 (0.50 - 1.03)	0.072	0.072	FALSE	TRUE	Converged
Lewis	LeA+	IL 1B	0.44 (0.06 - 3.17)	0.415	0.416	FALSE	TRUE	Converged
Lewis	LeA+	IL 1RA	--	0.000	0.000	FALSE	TRUE	Converged
Lewis	LeA+	IL 2	0.83 (0.60 - 1.14)	0.246	0.246	FALSE	TRUE	Converged
Lewis	LeA+	IL 29 IFNL1	1.07 (0.72 - 1.61)	0.734	0.734	FALSE	TRUE	Converged
Lewis	LeA+	IL 33	0.93 (0.75 - 1.15)	0.496	0.496	FALSE	TRUE	Converged
Lewis	LeA+	IL 4	1.18 (0.73 - 1.91)	0.491	0.491	FALSE	TRUE	Converged
Lewis	LeA+	IL 5	0.67 (0.07 - 6.54)	0.728	0.728	FALSE	TRUE	Converged
Lewis	LeA+	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
Lewis	LeA+	IL 7	1.31 (0.65 - 2.63)	0.453	0.453	FALSE	TRUE	Converged
Lewis	LeA+	MCP 3	1.00 (0.88 - 1.14)	1.000	1.000	FALSE	TRUE	Converged
Lewis	LeA+	MIP 1A	1.57 (0.98 - 2.53)	0.062	0.062	FALSE	TRUE	Converged
Lewis	LeA+	PYY	0.66 (0.26 - 1.71)	0.393	0.394	FALSE	TRUE	Converged
Lewis	LeA+	SCF	1.12 (0.92 - 1.35)	0.264	0.264	FALSE	TRUE	Converged
Lewis	LeA+	SIL 2RA	1.43 (0.86 - 2.37)	0.165	0.165	FALSE	TRUE	Converged
Lewis	LeA+	TNF B	0.92 (0.75 - 1.12)	0.410	0.410	FALSE	TRUE	Converged
Lewis	LeA+	TSLP	0.91 (0.72 - 1.15)	0.436	0.436	FALSE	TRUE	Converged
Lewis	LeA+	SCD40L	0.96 (0.71 - 1.31)	0.808	0.808	FALSE	TRUE	Converged
ABO	abA	FGF 2	1.16 (1.00 - 1.35)	0.047	0.128	FALSE	TRUE	Converged
ABO	abAB	FGF 2	1.22 (0.89 - 1.68)	0.217	0.128	FALSE	TRUE	Converged
ABO	abB	FGF 2	0.97 (0.78 - 1.21)	0.821	0.128	FALSE	TRUE	Converged
ABO	abA	FLT 3L	0.75 (0.42 - 1.31)	0.310	0.743	FALSE	TRUE	Converged
ABO	abAB	FLT 3L	0.98 (0.28 - 3.40)	0.974	0.743	FALSE	TRUE	Converged
ABO	abB	FLT 3L	1.01 (0.48 - 2.12)	0.978	0.743	FALSE	TRUE	Converged
ABO	abA	GLP 1	0.77 (0.54 - 1.11)	0.158	0.198	FALSE	TRUE	Converged
ABO	abAB	GLP 1	1.49 (0.74 - 2.99)	0.267	0.198	FALSE	TRUE	Converged
ABO	abB	GLP 1	1.03 (0.63 - 1.68)	0.920	0.198	FALSE	TRUE	Converged
ABO	abA	GLUCAGON	0.47 (0.30 - 0.75)	0.002	0.017	FALSE	TRUE	Converged
ABO	abAB	GLUCAGON	0.50 (0.13 - 1.94)	0.319	0.017	FALSE	TRUE	Converged
ABO	abB	GLUCAGON	0.73 (0.38 - 1.40)	0.345	0.017	FALSE	TRUE	Converged
ABO	abA	GM CSF	0.84 (0.59 - 1.19)	0.324	0.635	FALSE	TRUE	Converged
ABO	abAB	GM CSF	0.60 (0.23 - 1.59)	0.307	0.635	FALSE	TRUE	Converged
ABO	abB	GM CSF	0.88 (0.53 - 1.47)	0.632	0.635	FALSE	TRUE	Converged
ABO	abA	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abAB	IFNA2	--	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abA	IFNG	1.31 (1.05 - 1.64)	0.019	0.023	FALSE	TRUE	Converged
ABO	abAB	IFNG	1.16 (0.70 - 1.91)	0.573	0.023	FALSE	TRUE	Converged
ABO	abB	IFNG	0.82 (0.58 - 1.16)	0.266	0.023	FALSE	TRUE	Converged
ABO	abA	IL 10	1.07 (0.78 - 1.47)	0.662	0.909	FALSE	TRUE	Converged
ABO	abAB	IL 10	0.90 (0.46 - 1.76)	0.754	0.909	FALSE	TRUE	Converged
ABO	abB	IL 10	0.94 (0.58 - 1.52)	0.793	0.909	FALSE	TRUE	Converged
ABO	abA	IL 11	0.92 (0.71 - 1.19)	0.520	0.513	FALSE	TRUE	Converged
ABO	abAB	IL 11	0.72 (0.38 - 1.33)	0.291	0.513	FALSE	TRUE	Converged
ABO	abB	IL 11	0.78 (0.52 - 1.16)	0.224	0.513	FALSE	TRUE	Converged
ABO	abA	IL 12P40	1.91 (1.35 - 2.71)	0.000	0.001	FALSE	TRUE	Converged
ABO	abAB	IL 12P40	0.96 (0.41 - 2.23)	0.921	0.001	FALSE	TRUE	Converged
ABO	abB	IL 12P40	1.00 (0.60 - 1.69)	0.986	0.001	FALSE	TRUE	Converged
ABO	abA	IL 12P70	6.22 (0.53 - 72.44)	0.144	0.000	FALSE	TRUE	Converged
ABO	abAB	IL 12P70	--	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	IL 12P70	0.01 (0.00 - 1.66)	0.079	0.000	FALSE	TRUE	Converged
ABO	abA	IL 15	1.03 (0.79 - 1.35)	0.822	0.576	FALSE	TRUE	Converged
ABO	abAB	IL 15	0.75 (0.39 - 1.46)	0.398	0.576	FALSE	TRUE	Converged
ABO	abB	IL 15	0.81 (0.53 - 1.24)	0.331	0.576	FALSE	TRUE	Converged
ABO	abA	IL 1A	1.12 (0.85 - 1.48)	0.405	0.864	FALSE	TRUE	Converged
ABO	abAB	IL 1A	1.00 (0.54 - 1.87)	0.988	0.864	FALSE	TRUE	Converged
ABO	abB	IL 1A	1.09 (0.73 - 1.63)	0.686	0.864	FALSE	TRUE	Converged
ABO	abA	IL 1B	0.93 (0.26 - 3.33)	0.910	0.000	FALSE	TRUE	Converged
ABO	abAB	IL 1B	--	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	IL 1B	0.30 (0.07 - 1.40)	0.126	0.000	FALSE	TRUE	Converged
ABO	abA	IL 1RA	0.00 (0.00 - 0.11)	0.010	0.000	FALSE	TRUE	Converged

ABO	abAB	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	IL 1RA	0.00 (0.00 - 20.56)	0.137	0.000	FALSE	TRUE	Converged
ABO	abA	IL 2	1.09 (0.86 - 1.40)	0.472	0.397	FALSE	TRUE	Converged
ABO	abAB	IL 2	0.85 (0.48 - 1.51)	0.580	0.397	FALSE	TRUE	Converged
ABO	abB	IL 2	0.81 (0.55 - 1.18)	0.271	0.397	FALSE	TRUE	Converged
ABO	abA	IL 29 IFNL1	1.06 (0.79 - 1.42)	0.690	0.751	FALSE	TRUE	Converged
ABO	abAB	IL 29 IFNL1	0.84 (0.45 - 1.60)	0.602	0.751	FALSE	TRUE	Converged
ABO	abB	IL 29 IFNL1	0.86 (0.54 - 1.35)	0.501	0.751	FALSE	TRUE	Converged
ABO	abA	IL 33	1.16 (0.98 - 1.37)	0.080	0.249	FALSE	TRUE	Converged
ABO	abAB	IL 33	1.18 (0.83 - 1.67)	0.364	0.249	FALSE	TRUE	Converged
ABO	abB	IL 33	0.98 (0.76 - 1.25)	0.856	0.249	FALSE	TRUE	Converged
ABO	abA	IL 4	1.11 (0.76 - 1.63)	0.579	0.757	FALSE	TRUE	Converged
ABO	abAB	IL 4	1.38 (0.66 - 2.89)	0.393	0.757	FALSE	TRUE	Converged
ABO	abB	IL 4	0.91 (0.49 - 1.70)	0.768	0.757	FALSE	TRUE	Converged
ABO	abA	IL 5	1.36 (0.37 - 4.94)	0.640	0.000	FALSE	TRUE	Converged
ABO	abAB	IL 5	--	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	IL 5	1.72 (0.27 - 11.11)	0.570	0.000	FALSE	TRUE	Converged
ABO	abA	IL 7	1.56 (0.85 - 2.86)	0.152	0.151	FALSE	TRUE	Converged
ABO	abAB	IL 7	2.30 (0.71 - 7.50)	0.167	0.151	FALSE	TRUE	Converged
ABO	abB	IL 7	0.73 (0.30 - 1.79)	0.496	0.151	FALSE	TRUE	Converged
ABO	abA	MCP 3	--	0.000	0.000	FALSE	TRUE	Converged
ABO	abAB	MCP 3	372.35 (21.23 - 6531.02)	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abA	MIP 1A	0.97 (0.66 - 1.41)	0.857	0.200	FALSE	TRUE	Converged
ABO	abAB	MIP 1A	0.44 (0.14 - 1.38)	0.160	0.200	FALSE	TRUE	Converged
ABO	abB	MIP 1A	0.61 (0.34 - 1.08)	0.091	0.200	FALSE	TRUE	Converged
ABO	abA	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abAB	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abB	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Converged
ABO	abA	SCF	0.98 (0.84 - 1.14)	0.827	0.908	FALSE	TRUE	Converged
ABO	abAB	SCF	1.11 (0.80 - 1.54)	0.528	0.908	FALSE	TRUE	Converged
ABO	abB	SCF	0.99 (0.80 - 1.23)	0.924	0.908	FALSE	TRUE	Converged
ABO	abA	SIL 2RA	0.77 (0.50 - 1.19)	0.234	0.697	FALSE	TRUE	Converged
ABO	abAB	SIL 2RA	0.95 (0.39 - 2.29)	0.910	0.697	FALSE	TRUE	Converged
ABO	abB	SIL 2RA	0.90 (0.47 - 1.72)	0.758	0.697	FALSE	TRUE	Converged
ABO	abA	TNF B	1.04 (0.89 - 1.21)	0.644	0.794	FALSE	TRUE	Converged
ABO	abAB	TNF B	1.10 (0.79 - 1.54)	0.575	0.794	FALSE	TRUE	Converged
ABO	abB	TNF B	0.94 (0.75 - 1.18)	0.604	0.794	FALSE	TRUE	Converged
ABO	abA	TSLP	1.19 (0.99 - 1.42)	0.057	0.010	FALSE	TRUE	Converged
ABO	abAB	TSLP	1.24 (0.86 - 1.80)	0.246	0.010	FALSE	TRUE	Converged
ABO	abB	TSLP	0.76 (0.57 - 1.02)	0.066	0.010	FALSE	TRUE	Converged
ABO	abA	SCD40L	1.28 (1.00 - 1.64)	0.049	0.201	FALSE	TRUE	Converged
ABO	abAB	SCD40L	0.97 (0.56 - 1.66)	0.908	0.201	FALSE	TRUE	Converged
ABO	abB	SCD40L	1.26 (0.88 - 1.82)	0.210	0.201	FALSE	TRUE	Converged

Supplementary Table 3

Blood Group	Allele	Marker	Estimate (95% CI)	P-value	Wald Joint P-value	Bonferroni Significant?	Logistic Model	Converged?
Lewis	Null	ADIPONECTIN	-0.03 (-0.13 - 0.07)	0.576	0.576	FALSE	FALSE	Converged
Lewis	Null	ADIPSIN	0.02 (-0.01 - 0.06)	0.216	0.216	FALSE	FALSE	Converged
Lewis	Null	AMYLIN	0.15 (0.01 - 0.29)	0.035	0.035	FALSE	FALSE	Converged
Lewis	Null	BCA 1	-0.00 (-0.06 - 0.05)	0.893	0.893	FALSE	FALSE	Converged
Lewis	Null	C PEPTIDE	0.07 (-0.10 - 0.24)	0.425	0.425	FALSE	FALSE	Converged
Lewis	Null	CCL19 MIP3B	0.01 (-0.05 - 0.06)	0.807	0.807	FALSE	FALSE	Converged
Lewis	Null	CCL20 MIP3A	0.04 (-0.10 - 0.17)	0.574	0.574	FALSE	FALSE	Converged
Lewis	Null	CRP	0.04 (-0.06 - 0.14)	0.444	0.444	FALSE	FALSE	Converged
Lewis	Null	CTACK	-0.03 (-0.06 - -0.00)	0.044	0.044	FALSE	FALSE	Converged
Lewis	Null	CXCL11 I TAC	0.04 (-0.02 - 0.11)	0.215	0.215	FALSE	FALSE	Converged
Lewis	Null	CXCL6 GCP2	-0.04 (-0.10 - 0.02)	0.154	0.154	FALSE	FALSE	Converged
Lewis	Null	CXCL9 MIG	0.02 (-0.02 - 0.07)	0.321	0.321	FALSE	FALSE	Converged
Lewis	Null	EGF	-0.02 (-0.16 - 0.12)	0.804	0.804	FALSE	FALSE	Converged
Lewis	Null	ENA 78	-0.04 (-0.11 - 0.04)	0.339	0.339	FALSE	FALSE	Converged
Lewis	Null	EOTAXIN 2	0.01 (-0.07 - 0.10)	0.752	0.752	FALSE	FALSE	Converged
Lewis	Null	EOTAXIN	-0.01 (-0.06 - 0.04)	0.651	0.651	FALSE	FALSE	Converged
Lewis	Null	G CSF	0.03 (-0.09 - 0.14)	0.666	0.666	FALSE	FALSE	Converged
Lewis	Null	GIP	0.00 (-0.22 - 0.22)	0.995	0.995	FALSE	FALSE	Converged
Lewis	Null	GRO	-0.00 (-0.04 - 0.04)	0.985	0.985	FALSE	FALSE	Converged
Lewis	Null	IL 13	-0.55 (-0.91 - -0.19)	0.003	0.003	FALSE	FALSE	Converged
Lewis	Null	IL 16	-0.17 (-0.36 - 0.01)	0.063	0.063	FALSE	FALSE	Converged
Lewis	Null	IL 17	0.25 (0.04 - 0.46)	0.020	0.020	FALSE	FALSE	Converged
Lewis	Null	IL 23	0.30 (-0.37 - 0.96)	0.382	0.382	FALSE	FALSE	Converged
Lewis	Null	IL 8	-0.02 (-0.19 - 0.14)	0.782	0.782	FALSE	FALSE	Converged
Lewis	Null	INSULIN	0.24 (-0.05 - 0.53)	0.103	0.103	FALSE	FALSE	Converged
Lewis	Null	IP 10	0.03 (-0.02 - 0.07)	0.198	0.198	FALSE	FALSE	Converged
Lewis	Null	LEPTIN	-0.06 (-0.39 - 0.26)	0.696	0.696	FALSE	FALSE	Converged
Lewis	Null	LIPOCALIN 2 NGAL	0.02 (-0.05 - 0.08)	0.579	0.579	FALSE	FALSE	Converged
Lewis	Null	MCP 1	0.02 (-0.02 - 0.07)	0.343	0.343	FALSE	FALSE	Converged
Lewis	Null	MCP 2	-0.02 (-0.07 - 0.03)	0.514	0.514	FALSE	FALSE	Converged
Lewis	Null	MCP 4	0.02 (-0.07 - 0.10)	0.726	0.726	FALSE	FALSE	Converged
Lewis	Null	MDC	0.00 (-0.04 - 0.05)	0.900	0.900	FALSE	FALSE	Converged
Lewis	Null	MIP 1B	0.02 (-0.09 - 0.12)	0.762	0.762	FALSE	FALSE	Converged
Lewis	Null	MIP 1D	0.01 (-0.04 - 0.06)	0.835	0.835	FALSE	FALSE	Converged
Lewis	Null	PAI 1	0.01 (-0.06 - 0.08)	0.762	0.762	FALSE	FALSE	Converged
Lewis	Null	PP	-0.14 (-0.33 - 0.04)	0.125	0.125	FALSE	FALSE	Converged
Lewis	Null	RESISTIN	0.02 (-0.03 - 0.08)	0.444	0.444	FALSE	FALSE	Converged
Lewis	Null	SAA	-0.02 (-0.13 - 0.09)	0.686	0.686	FALSE	FALSE	Converged
Lewis	Null	SAP	-0.03 (-0.07 - 0.01)	0.119	0.119	FALSE	FALSE	Converged
Lewis	Null	SDF 1A B	0.01 (-0.06 - 0.08)	0.878	0.878	FALSE	FALSE	Converged
Lewis	Null	SEGFR	-0.00 (-0.03 - 0.02)	0.754	0.754	FALSE	FALSE	Converged
Lewis	Null	SGP130	-0.00 (-0.03 - 0.02)	0.678	0.678	FALSE	FALSE	Converged
Lewis	Null	SIL4R	0.02 (-0.08 - 0.12)	0.706	0.706	FALSE	FALSE	Converged
Lewis	Null	SIL6R	0.02 (-0.01 - 0.04)	0.212	0.212	FALSE	FALSE	Converged
Lewis	Null	SILRII	-0.01 (-0.05 - 0.02)	0.399	0.399	FALSE	FALSE	Converged
Lewis	Null	STNFRI	0.03 (-0.00 - 0.07)	0.058	0.058	FALSE	FALSE	Converged
Lewis	Null	STNFRII	0.01 (-0.03 - 0.05)	0.593	0.593	FALSE	FALSE	Converged
Lewis	Null	SVEGFR2	0.01 (-0.02 - 0.04)	0.373	0.373	FALSE	FALSE	Converged
Lewis	Null	SVEGFR3	-0.04 (-0.11 - 0.04)	0.313	0.313	FALSE	FALSE	Converged
Lewis	Null	TARC	-0.02 (-0.10 - 0.07)	0.679	0.679	FALSE	FALSE	Converged
Lewis	Null	TGF A	0.14 (0.01 - 0.27)	0.035	0.035	FALSE	FALSE	Converged
Lewis	Null	TGF B1	-0.01 (-0.03 - 0.01)	0.316	0.316	FALSE	FALSE	Converged
Lewis	Null	TNFA	0.03 (-0.02 - 0.09)	0.219	0.219	FALSE	FALSE	Converged
Lewis	Null	TPO	0.09 (-0.10 - 0.27)	0.363	0.363	FALSE	FALSE	Converged
Lewis	Null	TRAIL	-0.02 (-0.09 - 0.06)	0.606	0.606	FALSE	FALSE	Converged
Lewis	Null	VEGF	0.08 (-0.09 - 0.26)	0.341	0.341	FALSE	FALSE	Converged
Lewis	Null	X6CKINE	0.04 (-0.05 - 0.13)	0.365	0.365	FALSE	FALSE	Converged
Secretor	Secretor	ADIPONECTIN	0.00 (-0.02 - 0.03)	0.791	0.791	FALSE	FALSE	Converged
Secretor	Secretor	ADIPSIN	-0.00 (-0.02 - 0.01)	0.771	0.771	FALSE	FALSE	Converged
Secretor	Secretor	AMYLIN	-0.00 (-0.03 - 0.03)	0.969	0.969	FALSE	FALSE	Converged
Secretor	Secretor	BCA 1	-0.00 (-0.01 - 0.01)	0.735	0.735	FALSE	FALSE	Converged
Secretor	Secretor	C PEPTIDE	-0.01 (-0.03 - 0.02)	0.626	0.626	FALSE	FALSE	Converged
Secretor	Secretor	CCL19 MIP3B	0.00 (-0.01 - 0.01)	0.862	0.862	FALSE	FALSE	Converged
Secretor	Secretor	CCL20 MIP3A	-0.00 (-0.02 - 0.02)	0.839	0.839	FALSE	FALSE	Converged
Secretor	Secretor	CRP	-0.03 (-0.06 - -0.01)	0.008	0.008	FALSE	FALSE	Converged
Secretor	Secretor	CTACK	-0.01 (-0.01 - -0.00)	0.046	0.046	FALSE	FALSE	Converged
Secretor	Secretor	CXCL11 I TAC	0.00 (-0.01 - 0.02)	0.606	0.606	FALSE	FALSE	Converged
Secretor	Secretor	CXCL6 GCP2	0.01 (0.00 - 0.02)	0.006	0.006	FALSE	FALSE	Converged

Secretor	Secretor	CXCL9 MIG	-0.01 (-0.02 - 0.01)	0.306	0.306	FALSE	FALSE	Converged
Secretor	Secretor	EGF	-0.00 (-0.03 - 0.02)	0.713	0.713	FALSE	FALSE	Converged
Secretor	Secretor	ENA 78	0.01 (0.00 - 0.03)	0.032	0.032	FALSE	FALSE	Converged
Secretor	Secretor	EOTAXIN 2	-0.01 (-0.02 - 0.01)	0.457	0.457	FALSE	FALSE	Converged
Secretor	Secretor	EOTAXIN	0.00 (-0.01 - 0.01)	0.563	0.563	FALSE	FALSE	Converged
Secretor	Secretor	G CSF	0.01 (-0.01 - 0.03)	0.196	0.196	FALSE	FALSE	Converged
Secretor	Secretor	GIP	0.02 (-0.02 - 0.06)	0.388	0.388	FALSE	FALSE	Converged
Secretor	Secretor	GRO	0.00 (-0.00 - 0.01)	0.310	0.310	FALSE	FALSE	Converged
Secretor	Secretor	IL 13	0.05 (-0.20 - 0.29)	0.721	0.721	FALSE	FALSE	Converged
Secretor	Secretor	IL 16	0.00 (-0.02 - 0.03)	0.723	0.723	FALSE	FALSE	Converged
Secretor	Secretor	IL 17	-0.02 (-0.07 - 0.03)	0.361	0.361	FALSE	FALSE	Converged
Secretor	Secretor	IL 23	0.20 (-0.02 - 0.41)	0.069	0.069	FALSE	FALSE	Converged
Secretor	Secretor	IL 8	0.01 (-0.01 - 0.03)	0.311	0.311	FALSE	FALSE	Converged
Secretor	Secretor	INSULIN	-0.01 (-0.05 - 0.03)	0.575	0.575	FALSE	FALSE	Converged
Secretor	Secretor	IP 10	0.01 (-0.01 - 0.02)	0.332	0.332	FALSE	FALSE	Converged
Secretor	Secretor	LEPTIN	-0.02 (-0.06 - 0.01)	0.204	0.204	FALSE	FALSE	Converged
Secretor	Secretor	LIPOCALIN 2 NGAL	-0.01 (-0.03 - 0.02)	0.645	0.645	FALSE	FALSE	Converged
Secretor	Secretor	MCP 1	0.00 (-0.00 - 0.01)	0.325	0.325	FALSE	FALSE	Converged
Secretor	Secretor	MCP 2	0.01 (-0.01 - 0.02)	0.428	0.428	FALSE	FALSE	Converged
Secretor	Secretor	MCP 4	0.02 (0.00 - 0.04)	0.035	0.035	FALSE	FALSE	Converged
Secretor	Secretor	MDC	-0.01 (-0.02 - 0.00)	0.053	0.053	FALSE	FALSE	Converged
Secretor	Secretor	MIP 1B	0.01 (-0.01 - 0.02)	0.291	0.291	FALSE	FALSE	Converged
Secretor	Secretor	MIP 1D	0.00 (-0.01 - 0.01)	0.660	0.660	FALSE	FALSE	Converged
Secretor	Secretor	PAI 1	-0.00 (-0.02 - 0.01)	0.824	0.824	FALSE	FALSE	Converged
Secretor	Secretor	PP	0.06 (0.02 - 0.11)	0.004	0.004	FALSE	FALSE	Converged
Secretor	Secretor	RESISTIN	-0.01 (-0.03 - 0.01)	0.271	0.271	FALSE	FALSE	Converged
Secretor	Secretor	SAA	-0.02 (-0.04 - 0.01)	0.169	0.169	FALSE	FALSE	Converged
Secretor	Secretor	SAP	-0.01 (-0.01 - 0.00)	0.203	0.203	FALSE	FALSE	Converged
Secretor	Secretor	SDF 1A B	0.00 (-0.01 - 0.01)	0.753	0.753	FALSE	FALSE	Converged
Secretor	Secretor	SEGFR	-0.00 (-0.00 - 0.00)	0.985	0.985	FALSE	FALSE	Converged
Secretor	Secretor	SGP130	-0.00 (-0.01 - 0.00)	0.208	0.208	FALSE	FALSE	Converged
Secretor	Secretor	SIL4R	0.00 (-0.01 - 0.01)	0.964	0.964	FALSE	FALSE	Converged
Secretor	Secretor	SIL6R	-0.00 (-0.01 - 0.01)	0.863	0.863	FALSE	FALSE	Converged
Secretor	Secretor	SILRII	0.00 (-0.01 - 0.01)	0.976	0.976	FALSE	FALSE	Converged
Secretor	Secretor	STNFRI	0.00 (-0.01 - 0.01)	0.798	0.798	FALSE	FALSE	Converged
Secretor	Secretor	STNFRII	-0.00 (-0.01 - 0.00)	0.218	0.218	FALSE	FALSE	Converged
Secretor	Secretor	SVEGFR2	0.00 (-0.00 - 0.01)	0.497	0.497	FALSE	FALSE	Converged
Secretor	Secretor	SVEGFR3	-0.01 (-0.03 - 0.00)	0.135	0.135	FALSE	FALSE	Converged
Secretor	Secretor	TARC	0.01 (-0.01 - 0.02)	0.394	0.394	FALSE	FALSE	Converged
Secretor	Secretor	TGF A	-0.00 (-0.02 - 0.02)	0.990	0.990	FALSE	FALSE	Converged
Secretor	Secretor	TGF B1	-0.01 (-0.04 - 0.02)	0.468	0.468	FALSE	FALSE	Converged
Secretor	Secretor	TNFA	-0.01 (-0.02 - 0.01)	0.276	0.276	FALSE	FALSE	Converged
Secretor	Secretor	TPO	0.02 (-0.02 - 0.06)	0.325	0.325	FALSE	FALSE	Converged
Secretor	Secretor	TRAIL	-0.01 (-0.02 - 0.01)	0.369	0.369	FALSE	FALSE	Converged
Secretor	Secretor	VEGF	-0.01 (-0.04 - 0.02)	0.651	0.651	FALSE	FALSE	Converged
Secretor	Secretor	X6CKINE	-0.00 (-0.02 - 0.02)	0.821	0.821	FALSE	FALSE	Converged
Kidd	B	ADIPONECTIN	-0.01 (-0.04 - 0.02)	0.601	0.601	FALSE	FALSE	Converged
Kidd	B	ADIPSIN	0.02 (-0.00 - 0.04)	0.080	0.080	FALSE	FALSE	Converged
Kidd	B	AMYLIN	-0.02 (-0.05 - 0.02)	0.442	0.442	FALSE	FALSE	Converged
Kidd	B	BCA 1	-0.00 (-0.02 - 0.01)	0.646	0.646	FALSE	FALSE	Converged
Kidd	B	C PEPTIDE	0.00 (-0.03 - 0.04)	0.855	0.855	FALSE	FALSE	Converged
Kidd	B	CCL19 MIP3B	0.01 (-0.00 - 0.03)	0.172	0.172	FALSE	FALSE	Converged
Kidd	B	CCL20 MIP3A	0.02 (-0.01 - 0.04)	0.245	0.245	FALSE	FALSE	Converged
Kidd	B	CRP	0.01 (-0.02 - 0.04)	0.586	0.586	FALSE	FALSE	Converged
Kidd	B	CTACK	-0.00 (-0.01 - 0.01)	0.586	0.586	FALSE	FALSE	Converged
Kidd	B	CXCL11 I TAC	0.02 (-0.00 - 0.03)	0.080	0.080	FALSE	FALSE	Converged
Kidd	B	CXCL6 GCP2	-0.01 (-0.02 - 0.01)	0.434	0.434	FALSE	FALSE	Converged
Kidd	B	CXCL9 MIG	0.02 (0.01 - 0.04)	0.010	0.010	FALSE	FALSE	Converged
Kidd	B	EGF	-0.03 (-0.06 - 0.00)	0.053	0.053	FALSE	FALSE	Converged
Kidd	B	ENA 78	-0.00 (-0.02 - 0.02)	0.997	0.997	FALSE	FALSE	Converged
Kidd	B	EOTAXIN 2	0.01 (-0.01 - 0.03)	0.237	0.237	FALSE	FALSE	Converged
Kidd	B	EOTAXIN	-0.01 (-0.02 - 0.00)	0.191	0.191	FALSE	FALSE	Converged
Kidd	B	G CSF	0.00 (-0.02 - 0.03)	0.831	0.831	FALSE	FALSE	Converged
Kidd	B	GIP	-0.01 (-0.07 - 0.04)	0.587	0.587	FALSE	FALSE	Converged
Kidd	B	GRO	-0.01 (-0.02 - 0.00)	0.244	0.244	FALSE	FALSE	Converged
Kidd	B	IL 13	-0.25 (-0.51 - 0.01)	0.058	0.058	FALSE	FALSE	Converged
Kidd	B	IL 16	-0.02 (-0.05 - 0.02)	0.345	0.345	FALSE	FALSE	Converged
Kidd	B	IL 17	-0.02 (-0.08 - 0.03)	0.441	0.441	FALSE	FALSE	Converged
Kidd	B	IL 23	-0.03 (-0.28 - 0.21)	0.781	0.781	FALSE	FALSE	Converged

Kidd	B	IL 8	-0.00 (-0.02 - 0.02)	0.965	0.965	FALSE	FALSE	Converged
Kidd	B	INSULIN	-0.01 (-0.06 - 0.03)	0.559	0.559	FALSE	FALSE	Converged
Kidd	B	IP 10	0.01 (-0.00 - 0.02)	0.150	0.150	FALSE	FALSE	Converged
Kidd	B	LEPTIN	-0.02 (-0.07 - 0.03)	0.435	0.435	FALSE	FALSE	Converged
Kidd	B	LIPOCALIN 2 NGAL	-0.01 (-0.04 - 0.03)	0.771	0.771	FALSE	FALSE	Converged
Kidd	B	MCP 1	-0.00 (-0.01 - 0.01)	0.886	0.886	FALSE	FALSE	Converged
Kidd	B	MCP 2	-0.02 (-0.04 - -0.01)	0.008	0.008	FALSE	FALSE	Converged
Kidd	B	MCP 4	-0.01 (-0.04 - 0.01)	0.203	0.203	FALSE	FALSE	Converged
Kidd	B	MDC	-0.00 (-0.01 - 0.01)	0.864	0.864	FALSE	FALSE	Converged
Kidd	B	MIP 1B	0.00 (-0.02 - 0.02)	0.842	0.842	FALSE	FALSE	Converged
Kidd	B	MIP 1D	-0.01 (-0.02 - 0.01)	0.384	0.384	FALSE	FALSE	Converged
Kidd	B	PAI 1	0.02 (0.00 - 0.04)	0.020	0.020	FALSE	FALSE	Converged
Kidd	B	PP	0.02 (-0.03 - 0.08)	0.408	0.408	FALSE	FALSE	Converged
Kidd	B	RESISTIN	-0.00 (-0.02 - 0.02)	0.965	0.965	FALSE	FALSE	Converged
Kidd	B	SAA	-0.00 (-0.03 - 0.03)	0.913	0.913	FALSE	FALSE	Converged
Kidd	B	SAP	0.00 (-0.01 - 0.01)	0.837	0.837	FALSE	FALSE	Converged
Kidd	B	SDF 1A B	-0.01 (-0.02 - -0.00)	0.029	0.029	FALSE	FALSE	Converged
Kidd	B	SEGFR	0.00 (-0.00 - 0.01)	0.404	0.404	FALSE	FALSE	Converged
Kidd	B	SGP130	0.00 (-0.00 - 0.01)	0.291	0.291	FALSE	FALSE	Converged
Kidd	B	SIL4R	0.00 (-0.01 - 0.02)	0.448	0.448	FALSE	FALSE	Converged
Kidd	B	SIL6R	0.00 (-0.00 - 0.01)	0.377	0.377	FALSE	FALSE	Converged
Kidd	B	SILRII	0.01 (-0.00 - 0.02)	0.261	0.261	FALSE	FALSE	Converged
Kidd	B	STNFRI	-0.01 (-0.02 - 0.00)	0.213	0.213	FALSE	FALSE	Converged
Kidd	B	STNFRII	0.00 (-0.01 - 0.01)	0.980	0.980	FALSE	FALSE	Converged
Kidd	B	SVEGFR2	0.01 (0.00 - 0.02)	0.046	0.046	FALSE	FALSE	Converged
Kidd	B	SVEGFR3	-0.00 (-0.02 - 0.02)	0.804	0.804	FALSE	FALSE	Converged
Kidd	B	TARC	0.00 (-0.02 - 0.02)	0.815	0.815	FALSE	FALSE	Converged
Kidd	B	TGF A	-0.00 (-0.03 - 0.03)	0.992	0.992	FALSE	FALSE	Converged
Kidd	B	TGF B1	0.02 (-0.01 - 0.05)	0.248	0.248	FALSE	FALSE	Converged
Kidd	B	TNFA	0.00 (-0.01 - 0.02)	0.654	0.654	FALSE	FALSE	Converged
Kidd	B	TPO	-0.01 (-0.06 - 0.03)	0.532	0.532	FALSE	FALSE	Converged
Kidd	B	TRAIL	0.01 (-0.01 - 0.02)	0.361	0.361	FALSE	FALSE	Converged
Kidd	B	VEGF	-0.00 (-0.04 - 0.04)	0.922	0.922	FALSE	FALSE	Converged
Kidd	B	X6CKINE	-0.01 (-0.04 - 0.01)	0.280	0.280	FALSE	FALSE	Converged
Colton	B	ADIPONECTIN	-0.02 (-0.05 - 0.02)	0.427	0.427	FALSE	FALSE	Converged
Colton	B	ADIPSIN	0.01 (-0.01 - 0.04)	0.278	0.278	FALSE	FALSE	Converged
Colton	B	AMYLIN	-0.03 (-0.09 - 0.03)	0.291	0.291	FALSE	FALSE	Converged
Colton	B	BCA 1	-0.01 (-0.04 - 0.01)	0.295	0.295	FALSE	FALSE	Converged
Colton	B	C PEPTIDE	0.02 (-0.03 - 0.06)	0.529	0.529	FALSE	FALSE	Converged
Colton	B	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.197	0.197	FALSE	FALSE	Converged
Colton	B	CCL20 MIP3A	-0.00 (-0.05 - 0.04)	0.839	0.839	FALSE	FALSE	Converged
Colton	B	CRP	-0.03 (-0.08 - 0.02)	0.204	0.204	FALSE	FALSE	Converged
Colton	B	CTACK	-0.01 (-0.03 - 0.01)	0.307	0.307	FALSE	FALSE	Converged
Colton	B	CXCL11 I TAC	0.00 (-0.03 - 0.03)	0.913	0.913	FALSE	FALSE	Converged
Colton	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.256	0.256	FALSE	FALSE	Converged
Colton	B	CXCL9 MIG	-0.00 (-0.03 - 0.02)	0.944	0.944	FALSE	FALSE	Converged
Colton	B	EGF	0.02 (-0.03 - 0.07)	0.372	0.372	FALSE	FALSE	Converged
Colton	B	ENA 78	0.00 (-0.03 - 0.03)	0.988	0.988	FALSE	FALSE	Converged
Colton	B	EOTAXIN 2	-0.01 (-0.04 - 0.03)	0.755	0.755	FALSE	FALSE	Converged
Colton	B	EOTAXIN	0.02 (0.00 - 0.04)	0.034	0.034	FALSE	FALSE	Converged
Colton	B	G CSF	0.01 (-0.03 - 0.04)	0.703	0.703	FALSE	FALSE	Converged
Colton	B	GIP	-0.01 (-0.09 - 0.08)	0.858	0.858	FALSE	FALSE	Converged
Colton	B	GRO	-0.01 (-0.02 - 0.01)	0.326	0.326	FALSE	FALSE	Converged
Colton	B	IL 13	-0.01 (-0.34 - 0.33)	0.967	0.967	FALSE	FALSE	Converged
Colton	B	IL 16	0.02 (-0.03 - 0.07)	0.441	0.441	FALSE	FALSE	Converged
Colton	B	IL 17	0.03 (-0.05 - 0.12)	0.445	0.445	FALSE	FALSE	Converged
Colton	B	IL 23	-0.35 (-0.67 - -0.04)	0.029	0.029	FALSE	FALSE	Converged
Colton	B	IL 8	-0.00 (-0.04 - 0.03)	0.969	0.969	FALSE	FALSE	Converged
Colton	B	INSULIN	0.00 (-0.06 - 0.06)	0.967	0.967	FALSE	FALSE	Converged
Colton	B	IP 10	-0.00 (-0.02 - 0.02)	0.692	0.692	FALSE	FALSE	Converged
Colton	B	LEPTIN	-0.01 (-0.09 - 0.06)	0.707	0.707	FALSE	FALSE	Converged
Colton	B	LIPOCALIN 2 NGAL	-0.03 (-0.10 - 0.04)	0.432	0.432	FALSE	FALSE	Converged
Colton	B	MCP 1	0.01 (-0.00 - 0.03)	0.114	0.114	FALSE	FALSE	Converged
Colton	B	MCP 2	0.00 (-0.02 - 0.03)	0.871	0.871	FALSE	FALSE	Converged
Colton	B	MCP 4	0.02 (-0.02 - 0.05)	0.290	0.290	FALSE	FALSE	Converged
Colton	B	MDC	-0.00 (-0.02 - 0.02)	0.994	0.994	FALSE	FALSE	Converged
Colton	B	MIP 1B	0.04 (0.02 - 0.07)	0.002	0.002	FALSE	FALSE	Converged
Colton	B	MIP 1D	-0.01 (-0.04 - 0.02)	0.600	0.600	FALSE	FALSE	Converged
Colton	B	PAI 1	0.01 (-0.02 - 0.03)	0.527	0.527	FALSE	FALSE	Converged

Colton	B	PP	-0.11 (-0.19 - -0.03)	0.010	0.010	FALSE	FALSE	Converged
Colton	B	RESISTIN	-0.01 (-0.05 - 0.02)	0.392	0.392	FALSE	FALSE	Converged
Colton	B	SAA	-0.02 (-0.06 - 0.03)	0.406	0.406	FALSE	FALSE	Converged
Colton	B	SAP	-0.02 (-0.04 - 0.00)	0.107	0.107	FALSE	FALSE	Converged
Colton	B	SDF 1A B	0.01 (-0.01 - 0.02)	0.447	0.447	FALSE	FALSE	Converged
Colton	B	SEGFR	0.01 (-0.00 - 0.02)	0.058	0.058	FALSE	FALSE	Converged
Colton	B	SGP130	-0.00 (-0.01 - 0.01)	0.602	0.602	FALSE	FALSE	Converged
Colton	B	SIL4R	-0.02 (-0.03 - 0.00)	0.060	0.060	FALSE	FALSE	Converged
Colton	B	SIL6R	0.01 (-0.01 - 0.02)	0.319	0.319	FALSE	FALSE	Converged
Colton	B	SILRII	0.00 (-0.01 - 0.02)	0.791	0.791	FALSE	FALSE	Converged
Colton	B	STNFRI	0.01 (-0.01 - 0.03)	0.189	0.189	FALSE	FALSE	Converged
Colton	B	STNFRII	0.01 (-0.00 - 0.02)	0.167	0.167	FALSE	FALSE	Converged
Colton	B	SVEGFR2	0.00 (-0.01 - 0.01)	0.521	0.521	FALSE	FALSE	Converged
Colton	B	SVEGFR3	0.00 (-0.03 - 0.04)	0.755	0.755	FALSE	FALSE	Converged
Colton	B	TARC	0.01 (-0.01 - 0.04)	0.328	0.328	FALSE	FALSE	Converged
Colton	B	TGF A	0.02 (-0.03 - 0.06)	0.456	0.456	FALSE	FALSE	Converged
Colton	B	TGF B1	-0.00 (-0.05 - 0.05)	0.941	0.941	FALSE	FALSE	Converged
Colton	B	TNFA	0.03 (0.01 - 0.04)	0.007	0.007	FALSE	FALSE	Converged
Colton	B	TPO	-0.03 (-0.11 - 0.04)	0.425	0.425	FALSE	FALSE	Converged
Colton	B	TRAIL	0.01 (-0.01 - 0.03)	0.434	0.434	FALSE	FALSE	Converged
Colton	B	VEGF	0.02 (-0.04 - 0.08)	0.496	0.496	FALSE	FALSE	Converged
Colton	B	X6CKINE	0.03 (-0.00 - 0.07)	0.070	0.070	FALSE	FALSE	Converged
Knops	B	ADIPONECTIN	-0.02 (-0.06 - 0.03)	0.446	0.446	FALSE	FALSE	Converged
Knops	B	ADIPSIN	0.00 (-0.02 - 0.03)	0.644	0.644	FALSE	FALSE	Converged
Knops	B	AMYLIN	-0.03 (-0.08 - 0.02)	0.185	0.185	FALSE	FALSE	Converged
Knops	B	BCA 1	0.00 (-0.02 - 0.03)	0.735	0.735	FALSE	FALSE	Converged
Knops	B	C PEPTIDE	-0.05 (-0.10 - -0.00)	0.035	0.035	FALSE	FALSE	Converged
Knops	B	CCL19 MIP3B	0.01 (-0.01 - 0.04)	0.266	0.266	FALSE	FALSE	Converged
Knops	B	CCL20 MIP3A	0.04 (-0.01 - 0.09)	0.086	0.086	FALSE	FALSE	Converged
Knops	B	CRP	0.03 (-0.02 - 0.08)	0.272	0.272	FALSE	FALSE	Converged
Knops	B	CTACK	-0.00 (-0.03 - 0.02)	0.711	0.711	FALSE	FALSE	Converged
Knops	B	CXCL11 I TAC	-0.01 (-0.04 - 0.02)	0.516	0.516	FALSE	FALSE	Converged
Knops	B	CXCL6 GCP2	0.03 (0.01 - 0.06)	0.003	0.003	FALSE	FALSE	Converged
Knops	B	CXCL9 MIG	0.01 (-0.02 - 0.04)	0.575	0.575	FALSE	FALSE	Converged
Knops	B	EGF	0.03 (-0.01 - 0.08)	0.177	0.177	FALSE	FALSE	Converged
Knops	B	ENA 78	0.01 (-0.01 - 0.04)	0.316	0.316	FALSE	FALSE	Converged
Knops	B	EOTAXIN 2	-0.01 (-0.05 - 0.03)	0.589	0.589	FALSE	FALSE	Converged
Knops	B	EOTAXIN	0.01 (-0.01 - 0.04)	0.244	0.244	FALSE	FALSE	Converged
Knops	B	G CSF	0.02 (-0.02 - 0.06)	0.243	0.243	FALSE	FALSE	Converged
Knops	B	GIP	-0.03 (-0.10 - 0.04)	0.438	0.438	FALSE	FALSE	Converged
Knops	B	GRO	0.02 (0.00 - 0.04)	0.017	0.017	FALSE	FALSE	Converged
Knops	B	IL 13	-0.09 (-0.53 - 0.34)	0.673	0.673	FALSE	FALSE	Converged
Knops	B	IL 16	0.05 (-0.00 - 0.10)	0.074	0.074	FALSE	FALSE	Converged
Knops	B	IL 17	0.02 (-0.07 - 0.10)	0.697	0.697	FALSE	FALSE	Converged
Knops	B	IL 23	-0.16 (-0.54 - 0.22)	0.401	0.401	FALSE	FALSE	Converged
Knops	B	IL 8	0.01 (-0.03 - 0.05)	0.536	0.536	FALSE	FALSE	Converged
Knops	B	INSULIN	-0.02 (-0.08 - 0.03)	0.422	0.422	FALSE	FALSE	Converged
Knops	B	IP 10	0.01 (-0.02 - 0.03)	0.554	0.554	FALSE	FALSE	Converged
Knops	B	LEPTIN	0.08 (0.03 - 0.14)	0.004	0.004	FALSE	FALSE	Converged
Knops	B	LIPOCALIN 2 NGAL	0.06 (0.03 - 0.09)	0.000	0.000	FALSE	FALSE	Converged
Knops	B	MCP 1	-0.00 (-0.02 - 0.01)	0.620	0.620	FALSE	FALSE	Converged
Knops	B	MCP 2	0.02 (-0.01 - 0.05)	0.146	0.146	FALSE	FALSE	Converged
Knops	B	MCP 4	0.05 (0.02 - 0.09)	0.005	0.005	FALSE	FALSE	Converged
Knops	B	MDC	0.02 (-0.00 - 0.03)	0.070	0.070	FALSE	FALSE	Converged
Knops	B	MIP 1B	0.00 (-0.03 - 0.04)	0.901	0.901	FALSE	FALSE	Converged
Knops	B	MIP 1D	0.00 (-0.03 - 0.03)	0.840	0.840	FALSE	FALSE	Converged
Knops	B	PAI 1	0.02 (0.00 - 0.05)	0.037	0.037	FALSE	FALSE	Converged
Knops	B	PP	-0.02 (-0.09 - 0.05)	0.631	0.631	FALSE	FALSE	Converged
Knops	B	RESISTIN	0.04 (0.01 - 0.06)	0.009	0.009	FALSE	FALSE	Converged
Knops	B	SAA	0.02 (-0.04 - 0.08)	0.446	0.446	FALSE	FALSE	Converged
Knops	B	SAP	-0.01 (-0.04 - 0.01)	0.345	0.345	FALSE	FALSE	Converged
Knops	B	SDF 1A B	0.01 (-0.01 - 0.03)	0.324	0.324	FALSE	FALSE	Converged
Knops	B	SEGFR	-0.01 (-0.02 - -0.00)	0.048	0.048	FALSE	FALSE	Converged
Knops	B	SGP130	-0.00 (-0.01 - 0.01)	0.689	0.689	FALSE	FALSE	Converged
Knops	B	SIL4R	-0.01 (-0.02 - 0.01)	0.526	0.526	FALSE	FALSE	Converged
Knops	B	SIL6R	-0.00 (-0.01 - 0.01)	0.775	0.775	FALSE	FALSE	Converged
Knops	B	SILRII	-0.01 (-0.03 - 0.00)	0.162	0.162	FALSE	FALSE	Converged
Knops	B	STNFRI	0.00 (-0.01 - 0.02)	0.659	0.659	FALSE	FALSE	Converged
Knops	B	STNFRII	0.00 (-0.01 - 0.02)	0.751	0.751	FALSE	FALSE	Converged

Knops	B	SVEGFR2	-0.00 (-0.02 - 0.01)	0.640	0.640	FALSE	FALSE	Converged
Knops	B	SVEGFR3	0.01 (-0.02 - 0.04)	0.574	0.574	FALSE	FALSE	Converged
Knops	B	TARC	0.00 (-0.03 - 0.04)	0.940	0.940	FALSE	FALSE	Converged
Knops	B	TGF A	0.07 (0.02 - 0.12)	0.012	0.012	FALSE	FALSE	Converged
Knops	B	TGF B1	-0.05 (-0.10 - 0.00)	0.056	0.056	FALSE	FALSE	Converged
Knops	B	TNFA	0.02 (-0.00 - 0.05)	0.083	0.083	FALSE	FALSE	Converged
Knops	B	TPO	0.08 (0.00 - 0.16)	0.046	0.046	FALSE	FALSE	Converged
Knops	B	TRAIL	0.01 (-0.02 - 0.04)	0.392	0.392	FALSE	FALSE	Converged
Knops	B	VEGF	0.04 (-0.03 - 0.10)	0.253	0.253	FALSE	FALSE	Converged
Knops	B	X6CKINE	0.02 (-0.02 - 0.06)	0.255	0.255	FALSE	FALSE	Converged
Kell	K	ADIPONECTIN	0.03 (-0.01 - 0.06)	0.152	0.152	FALSE	FALSE	Converged
Kell	K	ADIPSIN	0.01 (-0.01 - 0.03)	0.571	0.571	FALSE	FALSE	Converged
Kell	K	AMYLIN	0.01 (-0.06 - 0.07)	0.799	0.799	FALSE	FALSE	Converged
Kell	K	BCA 1	-0.01 (-0.03 - 0.01)	0.335	0.335	FALSE	FALSE	Converged
Kell	K	C PEPTIDE	0.00 (-0.04 - 0.05)	0.925	0.925	FALSE	FALSE	Converged
Kell	K	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.362	0.362	FALSE	FALSE	Converged
Kell	K	CCL20 MIP3A	0.00 (-0.04 - 0.04)	0.871	0.871	FALSE	FALSE	Converged
Kell	K	CRP	-0.01 (-0.05 - 0.03)	0.681	0.681	FALSE	FALSE	Converged
Kell	K	CTACK	0.01 (-0.00 - 0.02)	0.217	0.217	FALSE	FALSE	Converged
Kell	K	CXCL11 I TAC	-0.00 (-0.03 - 0.02)	0.941	0.941	FALSE	FALSE	Converged
Kell	K	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.689	0.689	FALSE	FALSE	Converged
Kell	K	CXCL9 MIG	-0.00 (-0.02 - 0.02)	0.876	0.876	FALSE	FALSE	Converged
Kell	K	EGF	-0.00 (-0.04 - 0.03)	0.815	0.815	FALSE	FALSE	Converged
Kell	K	ENA 78	-0.01 (-0.03 - 0.01)	0.376	0.376	FALSE	FALSE	Converged
Kell	K	EOTAXIN 2	-0.02 (-0.04 - 0.01)	0.319	0.319	FALSE	FALSE	Converged
Kell	K	EOTAXIN	-0.01 (-0.02 - 0.01)	0.349	0.349	FALSE	FALSE	Converged
Kell	K	G CSF	-0.01 (-0.04 - 0.02)	0.517	0.517	FALSE	FALSE	Converged
Kell	K	GIP	0.01 (-0.07 - 0.09)	0.828	0.828	FALSE	FALSE	Converged
Kell	K	GRO	-0.00 (-0.02 - 0.01)	0.901	0.901	FALSE	FALSE	Converged
Kell	K	IL 13	-0.12 (-0.41 - 0.16)	0.385	0.385	FALSE	FALSE	Converged
Kell	K	IL 16	-0.05 (-0.09 - -0.01)	0.023	0.023	FALSE	FALSE	Converged
Kell	K	IL 17	-0.04 (-0.12 - 0.04)	0.310	0.310	FALSE	FALSE	Converged
Kell	K	IL 23	0.14 (-0.11 - 0.40)	0.275	0.275	FALSE	FALSE	Converged
Kell	K	IL 8	0.01 (-0.03 - 0.05)	0.636	0.636	FALSE	FALSE	Converged
Kell	K	INSULIN	-0.03 (-0.11 - 0.06)	0.541	0.541	FALSE	FALSE	Converged
Kell	K	IP 10	-0.01 (-0.03 - 0.01)	0.443	0.443	FALSE	FALSE	Converged
Kell	K	LEPTIN	-0.07 (-0.14 - 0.00)	0.061	0.061	FALSE	FALSE	Converged
Kell	K	LIPOCALIN 2 NGAL	0.01 (-0.04 - 0.05)	0.820	0.820	FALSE	FALSE	Converged
Kell	K	MCP 1	-0.00 (-0.02 - 0.01)	0.475	0.475	FALSE	FALSE	Converged
Kell	K	MCP 2	-0.03 (-0.06 - -0.01)	0.017	0.017	FALSE	FALSE	Converged
Kell	K	MCP 4	-0.05 (-0.08 - -0.02)	0.003	0.003	FALSE	FALSE	Converged
Kell	K	MDC	0.00 (-0.01 - 0.02)	0.540	0.540	FALSE	FALSE	Converged
Kell	K	MIP 1B	-0.01 (-0.04 - 0.01)	0.279	0.279	FALSE	FALSE	Converged
Kell	K	MIP 1D	-0.01 (-0.03 - 0.02)	0.530	0.530	FALSE	FALSE	Converged
Kell	K	PAI 1	0.01 (-0.02 - 0.03)	0.517	0.517	FALSE	FALSE	Converged
Kell	K	PP	0.01 (-0.08 - 0.10)	0.821	0.821	FALSE	FALSE	Converged
Kell	K	RESISTIN	-0.01 (-0.04 - 0.03)	0.652	0.652	FALSE	FALSE	Converged
Kell	K	SAA	0.01 (-0.03 - 0.05)	0.607	0.607	FALSE	FALSE	Converged
Kell	K	SAP	0.00 (-0.01 - 0.02)	0.792	0.792	FALSE	FALSE	Converged
Kell	K	SDF 1A B	-0.00 (-0.02 - 0.01)	0.694	0.694	FALSE	FALSE	Converged
Kell	K	SEGFR	-0.00 (-0.01 - 0.00)	0.403	0.403	FALSE	FALSE	Converged
Kell	K	SGP130	-0.01 (-0.02 - -0.00)	0.018	0.018	FALSE	FALSE	Converged
Kell	K	SIL4R	0.00 (-0.01 - 0.02)	0.691	0.691	FALSE	FALSE	Converged
Kell	K	SIL6R	-0.01 (-0.02 - -0.00)	0.044	0.044	FALSE	FALSE	Converged
Kell	K	SILRII	-0.00 (-0.02 - 0.01)	0.678	0.678	FALSE	FALSE	Converged
Kell	K	STNFRI	-0.01 (-0.03 - -0.00)	0.018	0.018	FALSE	FALSE	Converged
Kell	K	STNFRII	-0.01 (-0.02 - -0.00)	0.026	0.026	FALSE	FALSE	Converged
Kell	K	SVEGFR2	-0.01 (-0.02 - 0.00)	0.317	0.317	FALSE	FALSE	Converged
Kell	K	SVEGFR3	-0.01 (-0.04 - 0.02)	0.389	0.389	FALSE	FALSE	Converged
Kell	K	TARC	-0.01 (-0.04 - 0.01)	0.243	0.243	FALSE	FALSE	Converged
Kell	K	TGF A	-0.02 (-0.07 - 0.03)	0.384	0.384	FALSE	FALSE	Converged
Kell	K	TGF B1	0.04 (-0.01 - 0.08)	0.095	0.095	FALSE	FALSE	Converged
Kell	K	TNFA	-0.01 (-0.03 - 0.01)	0.239	0.239	FALSE	FALSE	Converged
Kell	K	TPO	-0.01 (-0.07 - 0.05)	0.740	0.740	FALSE	FALSE	Converged
Kell	K	TRAIL	-0.00 (-0.02 - 0.01)	0.688	0.688	FALSE	FALSE	Converged
Kell	K	VEGF	-0.02 (-0.08 - 0.03)	0.414	0.414	FALSE	FALSE	Converged
Kell	K	X6CKINE	-0.04 (-0.07 - -0.01)	0.015	0.015	FALSE	FALSE	Converged
Dombrock	B	ADIPONECTIN	0.02 (-0.01 - 0.05)	0.216	0.216	FALSE	FALSE	Converged
Dombrock	B	ADIPSIN	-0.00 (-0.02 - 0.01)	0.785	0.785	FALSE	FALSE	Converged

Dombrock	B	AMYLIN	0.01 (-0.03 - 0.05)	0.673	0.673	FALSE	FALSE	Converged
Dombrock	B	BCA 1	0.00 (-0.01 - 0.02)	0.594	0.594	FALSE	FALSE	Converged
Dombrock	B	C PEPTIDE	0.02 (-0.02 - 0.05)	0.385	0.385	FALSE	FALSE	Converged
Dombrock	B	CCL19 MIP3B	-0.03 (-0.05 - -0.01)	0.001	0.001	FALSE	FALSE	Converged
Dombrock	B	CCL20 MIP3A	-0.04 (-0.07 - -0.01)	0.012	0.012	FALSE	FALSE	Converged
Dombrock	B	CRP	-0.02 (-0.05 - 0.02)	0.282	0.282	FALSE	FALSE	Converged
Dombrock	B	CTACK	0.00 (-0.00 - 0.01)	0.368	0.368	FALSE	FALSE	Converged
Dombrock	B	CXCL11 I TAC	0.00 (-0.02 - 0.02)	0.744	0.744	FALSE	FALSE	Converged
Dombrock	B	CXCL6 GCP2	-0.01 (-0.02 - 0.01)	0.349	0.349	FALSE	FALSE	Converged
Dombrock	B	CXCL9 MIG	-0.01 (-0.03 - 0.00)	0.131	0.131	FALSE	FALSE	Converged
Dombrock	B	EGF	0.02 (-0.01 - 0.06)	0.134	0.134	FALSE	FALSE	Converged
Dombrock	B	ENA 78	-0.01 (-0.03 - 0.00)	0.079	0.079	FALSE	FALSE	Converged
Dombrock	B	EOTAXIN 2	0.00 (-0.02 - 0.02)	0.823	0.823	FALSE	FALSE	Converged
Dombrock	B	EOTAXIN	0.01 (-0.01 - 0.02)	0.346	0.346	FALSE	FALSE	Converged
Dombrock	B	G CSF	0.01 (-0.01 - 0.04)	0.330	0.330	FALSE	FALSE	Converged
Dombrock	B	GIP	0.02 (-0.04 - 0.08)	0.556	0.556	FALSE	FALSE	Converged
Dombrock	B	GRO	0.00 (-0.01 - 0.01)	0.537	0.537	FALSE	FALSE	Converged
Dombrock	B	IL 13	0.06 (-0.17 - 0.30)	0.599	0.599	FALSE	FALSE	Converged
Dombrock	B	IL 16	-0.01 (-0.04 - 0.02)	0.482	0.482	FALSE	FALSE	Converged
Dombrock	B	IL 17	-0.06 (-0.12 - 0.00)	0.054	0.054	FALSE	FALSE	Converged
Dombrock	B	IL 23	0.13 (-0.09 - 0.36)	0.243	0.243	FALSE	FALSE	Converged
Dombrock	B	IL 8	0.01 (-0.01 - 0.04)	0.288	0.288	FALSE	FALSE	Converged
Dombrock	B	INSULIN	0.00 (-0.05 - 0.05)	0.863	0.863	FALSE	FALSE	Converged
Dombrock	B	IP 10	-0.01 (-0.02 - 0.01)	0.228	0.228	FALSE	FALSE	Converged
Dombrock	B	LEPTIN	0.03 (-0.02 - 0.09)	0.216	0.216	FALSE	FALSE	Converged
Dombrock	B	LIPOCALIN 2 NGAL	-0.02 (-0.06 - 0.02)	0.346	0.346	FALSE	FALSE	Converged
Dombrock	B	MCP 1	0.01 (0.00 - 0.02)	0.039	0.039	FALSE	FALSE	Converged
Dombrock	B	MCP 2	0.00 (-0.01 - 0.02)	0.682	0.682	FALSE	FALSE	Converged
Dombrock	B	MCP 4	-0.00 (-0.03 - 0.02)	0.850	0.850	FALSE	FALSE	Converged
Dombrock	B	MDC	-0.00 (-0.01 - 0.01)	0.831	0.831	FALSE	FALSE	Converged
Dombrock	B	MIP 1B	0.02 (0.00 - 0.04)	0.014	0.014	FALSE	FALSE	Converged
Dombrock	B	MIP 1D	0.01 (-0.01 - 0.02)	0.266	0.266	FALSE	FALSE	Converged
Dombrock	B	PAI 1	-0.01 (-0.03 - 0.00)	0.145	0.145	FALSE	FALSE	Converged
Dombrock	B	PP	0.03 (-0.03 - 0.10)	0.269	0.269	FALSE	FALSE	Converged
Dombrock	B	RESISTIN	-0.00 (-0.03 - 0.02)	0.754	0.754	FALSE	FALSE	Converged
Dombrock	B	SAA	-0.03 (-0.06 - 0.00)	0.094	0.094	FALSE	FALSE	Converged
Dombrock	B	SAP	-0.00 (-0.02 - 0.01)	0.469	0.469	FALSE	FALSE	Converged
Dombrock	B	SDF 1A B	0.00 (-0.01 - 0.01)	0.906	0.906	FALSE	FALSE	Converged
Dombrock	B	SEGFR	0.00 (-0.00 - 0.01)	0.643	0.643	FALSE	FALSE	Converged
Dombrock	B	SGP130	-0.00 (-0.01 - 0.01)	0.772	0.772	FALSE	FALSE	Converged
Dombrock	B	SIL4R	-0.01 (-0.03 - -0.00)	0.028	0.028	FALSE	FALSE	Converged
Dombrock	B	SIL6R	0.01 (-0.00 - 0.01)	0.245	0.245	FALSE	FALSE	Converged
Dombrock	B	SILRII	-0.00 (-0.02 - 0.01)	0.441	0.441	FALSE	FALSE	Converged
Dombrock	B	STNFRI	-0.00 (-0.01 - 0.01)	0.925	0.925	FALSE	FALSE	Converged
Dombrock	B	STNFRII	-0.01 (-0.02 - 0.00)	0.089	0.089	FALSE	FALSE	Converged
Dombrock	B	SVEGFR2	-0.00 (-0.01 - 0.00)	0.267	0.267	FALSE	FALSE	Converged
Dombrock	B	SVEGFR3	0.01 (-0.01 - 0.03)	0.342	0.342	FALSE	FALSE	Converged
Dombrock	B	TARC	-0.00 (-0.02 - 0.02)	0.904	0.904	FALSE	FALSE	Converged
Dombrock	B	TGF A	-0.05 (-0.08 - -0.02)	0.002	0.002	FALSE	FALSE	Converged
Dombrock	B	TGF B1	-0.00 (-0.04 - 0.03)	0.797	0.797	FALSE	FALSE	Converged
Dombrock	B	TNFA	0.00 (-0.01 - 0.02)	0.622	0.622	FALSE	FALSE	Converged
Dombrock	B	TPO	-0.05 (-0.09 - 0.00)	0.057	0.057	FALSE	FALSE	Converged
Dombrock	B	TRAIL	0.00 (-0.01 - 0.02)	0.707	0.707	FALSE	FALSE	Converged
Dombrock	B	VEGF	-0.01 (-0.05 - 0.04)	0.720	0.720	FALSE	FALSE	Converged
Dombrock	B	X6CKINE	-0.02 (-0.04 - 0.01)	0.232	0.232	FALSE	FALSE	Converged
RhE	E	ADIPONECTIN	-0.01 (-0.03 - 0.02)	0.639	0.639	FALSE	FALSE	Converged
RhE	E	ADIPSIN	-0.01 (-0.02 - 0.01)	0.267	0.267	FALSE	FALSE	Converged
RhE	E	AMYLIN	-0.01 (-0.05 - 0.03)	0.688	0.688	FALSE	FALSE	Converged
RhE	E	BCA 1	-0.00 (-0.02 - 0.01)	0.685	0.685	FALSE	FALSE	Converged
RhE	E	C PEPTIDE	-0.01 (-0.05 - 0.03)	0.575	0.575	FALSE	FALSE	Converged
RhE	E	CCL19 MIP3B	-0.02 (-0.03 - -0.00)	0.042	0.042	FALSE	FALSE	Converged
RhE	E	CCL20 MIP3A	-0.01 (-0.03 - 0.02)	0.618	0.618	FALSE	FALSE	Converged
RhE	E	CRP	-0.02 (-0.05 - 0.01)	0.263	0.263	FALSE	FALSE	Converged
RhE	E	CTACK	0.01 (0.01 - 0.02)	0.000	0.000	FALSE	FALSE	Converged
RhE	E	CXCL11 I TAC	-0.00 (-0.02 - 0.02)	0.911	0.911	FALSE	FALSE	Converged
RhE	E	CXCL6 GCP2	0.00 (-0.01 - 0.01)	0.706	0.706	FALSE	FALSE	Converged
RhE	E	CXCL9 MIG	-0.00 (-0.02 - 0.01)	0.569	0.569	FALSE	FALSE	Converged
RhE	E	EGF	0.00 (-0.03 - 0.03)	0.949	0.949	FALSE	FALSE	Converged
RhE	E	ENA 78	0.01 (-0.00 - 0.02)	0.160	0.160	FALSE	FALSE	Converged

RhE	E	EOTAXIN 2	0.00 (-0.02 - 0.02)	0.946	0.946	FALSE	FALSE	Converged
RhE	E	EOTAXIN	0.00 (-0.01 - 0.02)	0.652	0.652	FALSE	FALSE	Converged
RhE	E	G CSF	0.00 (-0.02 - 0.02)	0.990	0.990	FALSE	FALSE	Converged
RhE	E	GIP	-0.04 (-0.09 - 0.02)	0.169	0.169	FALSE	FALSE	Converged
RhE	E	GRO	0.00 (-0.01 - 0.01)	0.798	0.798	FALSE	FALSE	Converged
RhE	E	IL 13	0.33 (0.10 - 0.56)	0.005	0.005	FALSE	FALSE	Converged
RhE	E	IL 16	-0.02 (-0.05 - 0.01)	0.131	0.131	FALSE	FALSE	Converged
RhE	E	IL 17	-0.01 (-0.06 - 0.04)	0.763	0.763	FALSE	FALSE	Converged
RhE	E	IL 23	0.09 (-0.10 - 0.29)	0.346	0.346	FALSE	FALSE	Converged
RhE	E	IL 8	0.00 (-0.02 - 0.03)	0.738	0.738	FALSE	FALSE	Converged
RhE	E	INSULIN	0.01 (-0.04 - 0.05)	0.706	0.706	FALSE	FALSE	Converged
RhE	E	IP 10	-0.01 (-0.02 - 0.00)	0.091	0.091	FALSE	FALSE	Converged
RhE	E	LEPTIN	0.00 (-0.04 - 0.05)	0.934	0.934	FALSE	FALSE	Converged
RhE	E	LIPOCALIN 2 NGAL	-0.05 (-0.09 - -0.00)	0.030	0.030	FALSE	FALSE	Converged
RhE	E	MCP 1	-0.00 (-0.01 - 0.01)	0.708	0.708	FALSE	FALSE	Converged
RhE	E	MCP 2	0.01 (-0.01 - 0.02)	0.302	0.302	FALSE	FALSE	Converged
RhE	E	MCP 4	0.00 (-0.02 - 0.03)	0.685	0.685	FALSE	FALSE	Converged
RhE	E	MDC	-0.00 (-0.01 - 0.01)	0.792	0.792	FALSE	FALSE	Converged
RhE	E	MIP 1B	0.01 (-0.01 - 0.03)	0.175	0.175	FALSE	FALSE	Converged
RhE	E	MIP 1D	0.01 (-0.00 - 0.02)	0.103	0.103	FALSE	FALSE	Converged
RhE	E	PAI 1	-0.01 (-0.03 - 0.00)	0.163	0.163	FALSE	FALSE	Converged
RhE	E	PP	-0.04 (-0.10 - 0.01)	0.113	0.113	FALSE	FALSE	Converged
RhE	E	RESISTIN	-0.01 (-0.03 - 0.02)	0.656	0.656	FALSE	FALSE	Converged
RhE	E	SAA	-0.01 (-0.04 - 0.01)	0.317	0.317	FALSE	FALSE	Converged
RhE	E	SAP	-0.01 (-0.02 - 0.00)	0.181	0.181	FALSE	FALSE	Converged
RhE	E	SDF 1A B	0.01 (-0.00 - 0.02)	0.237	0.237	FALSE	FALSE	Converged
RhE	E	SEGFR	0.00 (-0.00 - 0.01)	0.133	0.133	FALSE	FALSE	Converged
RhE	E	SGP130	0.00 (-0.00 - 0.01)	0.487	0.487	FALSE	FALSE	Converged
RhE	E	SIL4R	-0.00 (-0.01 - 0.01)	0.884	0.884	FALSE	FALSE	Converged
RhE	E	SIL6R	0.00 (-0.00 - 0.01)	0.247	0.247	FALSE	FALSE	Converged
RhE	E	SILRII	0.01 (0.00 - 0.02)	0.014	0.014	FALSE	FALSE	Converged
RhE	E	STNFRI	0.01 (-0.00 - 0.02)	0.134	0.134	FALSE	FALSE	Converged
RhE	E	STNFRII	0.00 (-0.00 - 0.01)	0.361	0.361	FALSE	FALSE	Converged
RhE	E	SVEGFR2	0.00 (-0.01 - 0.01)	0.579	0.579	FALSE	FALSE	Converged
RhE	E	SVEGFR3	0.01 (-0.01 - 0.03)	0.193	0.193	FALSE	FALSE	Converged
RhE	E	TARC	0.01 (-0.01 - 0.03)	0.301	0.301	FALSE	FALSE	Converged
RhE	E	TGF A	-0.00 (-0.03 - 0.03)	0.933	0.933	FALSE	FALSE	Converged
RhE	E	TGF B1	0.01 (-0.02 - 0.05)	0.413	0.413	FALSE	FALSE	Converged
RhE	E	TNFA	-0.00 (-0.02 - 0.01)	0.824	0.824	FALSE	FALSE	Converged
RhE	E	TPO	-0.03 (-0.07 - 0.02)	0.235	0.235	FALSE	FALSE	Converged
RhE	E	TRAIL	0.00 (-0.01 - 0.02)	0.805	0.805	FALSE	FALSE	Converged
RhE	E	VEGF	-0.01 (-0.05 - 0.03)	0.501	0.501	FALSE	FALSE	Converged
RhE	E	X6CKINE	-0.00 (-0.02 - 0.02)	0.798	0.798	FALSE	FALSE	Converged
Aub	B	ADIPONECTIN	-0.00 (-0.05 - 0.04)	0.853	0.853	FALSE	FALSE	Converged
Aub	B	ADIPSIN	-0.01 (-0.03 - 0.01)	0.462	0.462	FALSE	FALSE	Converged
Aub	B	AMYLIN	0.01 (-0.05 - 0.06)	0.863	0.863	FALSE	FALSE	Converged
Aub	B	BCA 1	0.01 (-0.01 - 0.03)	0.511	0.511	FALSE	FALSE	Converged
Aub	B	C PEPTIDE	-0.01 (-0.07 - 0.05)	0.658	0.658	FALSE	FALSE	Converged
Aub	B	CCL19 MIP3B	0.00 (-0.02 - 0.03)	0.775	0.775	FALSE	FALSE	Converged
Aub	B	CCL20 MIP3A	0.01 (-0.04 - 0.05)	0.811	0.811	FALSE	FALSE	Converged
Aub	B	CRP	0.05 (0.00 - 0.09)	0.036	0.036	FALSE	FALSE	Converged
Aub	B	CTACK	-0.00 (-0.01 - 0.01)	0.677	0.677	FALSE	FALSE	Converged
Aub	B	CXCL11 I TAC	-0.02 (-0.05 - 0.01)	0.208	0.208	FALSE	FALSE	Converged
Aub	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.480	0.480	FALSE	FALSE	Converged
Aub	B	CXCL9 MIG	-0.01 (-0.03 - 0.01)	0.323	0.323	FALSE	FALSE	Converged
Aub	B	EGF	-0.01 (-0.06 - 0.04)	0.684	0.684	FALSE	FALSE	Converged
Aub	B	ENA 78	0.01 (-0.02 - 0.03)	0.566	0.566	FALSE	FALSE	Converged
Aub	B	EOTAXIN 2	0.02 (-0.01 - 0.04)	0.307	0.307	FALSE	FALSE	Converged
Aub	B	EOTAXIN	0.02 (-0.00 - 0.04)	0.098	0.098	FALSE	FALSE	Converged
Aub	B	G CSF	-0.02 (-0.06 - 0.01)	0.203	0.203	FALSE	FALSE	Converged
Aub	B	GIP	0.02 (-0.06 - 0.09)	0.696	0.696	FALSE	FALSE	Converged
Aub	B	GRO	0.01 (-0.00 - 0.02)	0.182	0.182	FALSE	FALSE	Converged
Aub	B	IL 13	-0.15 (-0.64 - 0.34)	0.541	0.541	FALSE	FALSE	Converged
Aub	B	IL 16	-0.01 (-0.06 - 0.03)	0.595	0.595	FALSE	FALSE	Converged
Aub	B	IL 17	0.05 (-0.03 - 0.13)	0.263	0.263	FALSE	FALSE	Converged
Aub	B	IL 23	0.07 (-0.19 - 0.33)	0.609	0.609	FALSE	FALSE	Converged
Aub	B	IL 8	-0.00 (-0.04 - 0.03)	0.880	0.880	FALSE	FALSE	Converged
Aub	B	INSULIN	-0.00 (-0.07 - 0.06)	0.976	0.976	FALSE	FALSE	Converged
Aub	B	IP 10	-0.01 (-0.03 - 0.01)	0.200	0.200	FALSE	FALSE	Converged

Aub	B	LEPTIN	-0.04 (-0.11 - 0.03)	0.299	0.299	FALSE	FALSE	Converged
Aub	B	LIPOCALIN 2 NGAL	-0.02 (-0.09 - 0.05)	0.593	0.593	FALSE	FALSE	Converged
Aub	B	MCP 1	0.00 (-0.01 - 0.02)	0.688	0.688	FALSE	FALSE	Converged
Aub	B	MCP 2	0.01 (-0.02 - 0.03)	0.592	0.592	FALSE	FALSE	Converged
Aub	B	MCP 4	-0.01 (-0.05 - 0.03)	0.599	0.599	FALSE	FALSE	Converged
Aub	B	MDC	0.00 (-0.01 - 0.02)	0.590	0.590	FALSE	FALSE	Converged
Aub	B	MIP 1B	-0.01 (-0.04 - 0.02)	0.653	0.653	FALSE	FALSE	Converged
Aub	B	MIP 1D	-0.02 (-0.04 - 0.01)	0.202	0.202	FALSE	FALSE	Converged
Aub	B	PAI 1	-0.01 (-0.03 - 0.02)	0.495	0.495	FALSE	FALSE	Converged
Aub	B	PP	0.03 (-0.05 - 0.11)	0.450	0.450	FALSE	FALSE	Converged
Aub	B	RESISTIN	-0.01 (-0.04 - 0.03)	0.689	0.689	FALSE	FALSE	Converged
Aub	B	SAA	0.01 (-0.03 - 0.06)	0.556	0.556	FALSE	FALSE	Converged
Aub	B	SAP	0.01 (-0.01 - 0.02)	0.325	0.325	FALSE	FALSE	Converged
Aub	B	SDF 1A B	-0.00 (-0.02 - 0.02)	0.843	0.843	FALSE	FALSE	Converged
Aub	B	SEGFR	-0.00 (-0.01 - 0.01)	0.950	0.950	FALSE	FALSE	Converged
Aub	B	SGP130	-0.00 (-0.01 - 0.01)	0.520	0.520	FALSE	FALSE	Converged
Aub	B	SIL4R	-0.02 (-0.03 - -0.00)	0.033	0.033	FALSE	FALSE	Converged
Aub	B	SIL6R	-0.00 (-0.01 - 0.01)	0.998	0.998	FALSE	FALSE	Converged
Aub	B	SILRII	-0.01 (-0.03 - 0.00)	0.179	0.179	FALSE	FALSE	Converged
Aub	B	STNFRI	0.00 (-0.01 - 0.02)	0.527	0.527	FALSE	FALSE	Converged
Aub	B	STNFRII	0.00 (-0.01 - 0.01)	0.884	0.884	FALSE	FALSE	Converged
Aub	B	SVEGFR2	-0.01 (-0.02 - 0.01)	0.362	0.362	FALSE	FALSE	Converged
Aub	B	SVEGFR3	-0.00 (-0.03 - 0.03)	0.964	0.964	FALSE	FALSE	Converged
Aub	B	TARC	0.01 (-0.02 - 0.03)	0.447	0.447	FALSE	FALSE	Converged
Aub	B	TGF A	0.02 (-0.03 - 0.06)	0.450	0.450	FALSE	FALSE	Converged
Aub	B	TGF B1	-0.00 (-0.06 - 0.06)	0.994	0.994	FALSE	FALSE	Converged
Aub	B	TNFA	0.01 (-0.01 - 0.03)	0.450	0.450	FALSE	FALSE	Converged
Aub	B	TPO	-0.02 (-0.09 - 0.04)	0.518	0.518	FALSE	FALSE	Converged
Aub	B	TRAIL	-0.02 (-0.04 - 0.01)	0.142	0.142	FALSE	FALSE	Converged
Aub	B	VEGF	0.04 (-0.02 - 0.10)	0.245	0.245	FALSE	FALSE	Converged
Aub	B	X6CKINE	0.00 (-0.03 - 0.04)	0.842	0.842	FALSE	FALSE	Converged
Lutheran	B	ADIPONECTIN	-0.02 (-0.06 - 0.02)	0.406	0.406	FALSE	FALSE	Converged
Lutheran	B	ADIPSIN	-0.01 (-0.03 - 0.02)	0.654	0.654	FALSE	FALSE	Converged
Lutheran	B	AMYLIN	-0.01 (-0.07 - 0.06)	0.849	0.849	FALSE	FALSE	Converged
Lutheran	B	BCA 1	0.02 (-0.00 - 0.04)	0.097	0.097	FALSE	FALSE	Converged
Lutheran	B	C PEPTIDE	0.01 (-0.04 - 0.07)	0.607	0.607	FALSE	FALSE	Converged
Lutheran	B	CCL19 MIP3B	0.01 (-0.01 - 0.03)	0.298	0.298	FALSE	FALSE	Converged
Lutheran	B	CCL20 MIP3A	0.02 (-0.02 - 0.06)	0.310	0.310	FALSE	FALSE	Converged
Lutheran	B	CRP	0.06 (0.01 - 0.10)	0.010	0.010	FALSE	FALSE	Converged
Lutheran	B	CTACK	0.01 (-0.00 - 0.02)	0.137	0.137	FALSE	FALSE	Converged
Lutheran	B	CXCL11 I TAC	0.03 (0.00 - 0.05)	0.049	0.049	FALSE	FALSE	Converged
Lutheran	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.221	0.221	FALSE	FALSE	Converged
Lutheran	B	CXCL9 MIG	0.01 (-0.02 - 0.03)	0.471	0.471	FALSE	FALSE	Converged
Lutheran	B	EGF	-0.01 (-0.05 - 0.04)	0.729	0.729	FALSE	FALSE	Converged
Lutheran	B	ENA 78	0.00 (-0.02 - 0.03)	0.812	0.812	FALSE	FALSE	Converged
Lutheran	B	EOTAXIN 2	-0.01 (-0.04 - 0.02)	0.456	0.456	FALSE	FALSE	Converged
Lutheran	B	EOTAXIN	0.00 (-0.02 - 0.02)	0.805	0.805	FALSE	FALSE	Converged
Lutheran	B	G CSF	0.03 (-0.01 - 0.06)	0.174	0.174	FALSE	FALSE	Converged
Lutheran	B	GIP	0.04 (-0.05 - 0.12)	0.407	0.407	FALSE	FALSE	Converged
Lutheran	B	GRO	-0.00 (-0.02 - 0.01)	0.617	0.617	FALSE	FALSE	Converged
Lutheran	B	IL 13	0.20 (-0.25 - 0.65)	0.380	0.380	FALSE	FALSE	Converged
Lutheran	B	IL 16	-0.01 (-0.05 - 0.04)	0.695	0.695	FALSE	FALSE	Converged
Lutheran	B	IL 17	0.05 (-0.03 - 0.14)	0.231	0.231	FALSE	FALSE	Converged
Lutheran	B	IL 23	0.19 (-0.18 - 0.57)	0.305	0.305	FALSE	FALSE	Converged
Lutheran	B	IL 8	0.01 (-0.03 - 0.04)	0.629	0.629	FALSE	FALSE	Converged
Lutheran	B	INSULIN	0.03 (-0.05 - 0.10)	0.484	0.484	FALSE	FALSE	Converged
Lutheran	B	IP 10	0.01 (-0.01 - 0.03)	0.272	0.272	FALSE	FALSE	Converged
Lutheran	B	LEPTIN	0.00 (-0.08 - 0.08)	0.988	0.988	FALSE	FALSE	Converged
Lutheran	B	LIPOCALIN 2 NGAL	0.03 (-0.00 - 0.07)	0.073	0.073	FALSE	FALSE	Converged
Lutheran	B	MCP 1	-0.00 (-0.02 - 0.01)	0.821	0.821	FALSE	FALSE	Converged
Lutheran	B	MCP 2	-0.01 (-0.04 - 0.02)	0.545	0.545	FALSE	FALSE	Converged
Lutheran	B	MCP 4	-0.02 (-0.06 - 0.01)	0.156	0.156	FALSE	FALSE	Converged
Lutheran	B	MDC	0.00 (-0.01 - 0.02)	0.703	0.703	FALSE	FALSE	Converged
Lutheran	B	MIP 1B	0.01 (-0.02 - 0.04)	0.588	0.588	FALSE	FALSE	Converged
Lutheran	B	MIP 1D	-0.01 (-0.03 - 0.02)	0.499	0.499	FALSE	FALSE	Converged
Lutheran	B	PAI 1	0.01 (-0.02 - 0.04)	0.440	0.440	FALSE	FALSE	Converged
Lutheran	B	PP	-0.02 (-0.09 - 0.06)	0.648	0.648	FALSE	FALSE	Converged
Lutheran	B	RESISTIN	0.01 (-0.02 - 0.04)	0.619	0.619	FALSE	FALSE	Converged
Lutheran	B	SAA	0.05 (-0.00 - 0.10)	0.071	0.071	FALSE	FALSE	Converged

Lutheran	B	SAP	0.01 (-0.00 - 0.03)	0.065	0.065	FALSE	FALSE	Converged
Lutheran	B	SDF 1A B	-0.00 (-0.02 - 0.01)	0.651	0.651	FALSE	FALSE	Converged
Lutheran	B	SEGFR	-0.00 (-0.01 - 0.01)	0.975	0.975	FALSE	FALSE	Converged
Lutheran	B	SGP130	0.01 (-0.00 - 0.02)	0.285	0.285	FALSE	FALSE	Converged
Lutheran	B	SIL4R	-0.01 (-0.02 - 0.01)	0.208	0.208	FALSE	FALSE	Converged
Lutheran	B	SIL6R	0.01 (-0.00 - 0.02)	0.168	0.168	FALSE	FALSE	Converged
Lutheran	B	SILRII	-0.01 (-0.03 - 0.00)	0.136	0.136	FALSE	FALSE	Converged
Lutheran	B	STNFRI	0.00 (-0.01 - 0.02)	0.458	0.458	FALSE	FALSE	Converged
Lutheran	B	STNFRII	0.01 (-0.01 - 0.02)	0.340	0.340	FALSE	FALSE	Converged
Lutheran	B	SVEGFR2	-0.00 (-0.01 - 0.01)	0.923	0.923	FALSE	FALSE	Converged
Lutheran	B	SVEGFR3	0.01 (-0.02 - 0.04)	0.423	0.423	FALSE	FALSE	Converged
Lutheran	B	TARC	-0.00 (-0.03 - 0.02)	0.807	0.807	FALSE	FALSE	Converged
Lutheran	B	TGF A	0.03 (-0.02 - 0.07)	0.194	0.194	FALSE	FALSE	Converged
Lutheran	B	TGF B1	-0.06 (-0.11 - -0.01)	0.018	0.018	FALSE	FALSE	Converged
Lutheran	B	TNFA	-0.01 (-0.03 - 0.02)	0.608	0.608	FALSE	FALSE	Converged
Lutheran	B	TPO	0.02 (-0.05 - 0.08)	0.635	0.635	FALSE	FALSE	Converged
Lutheran	B	TRAIL	0.01 (-0.02 - 0.03)	0.623	0.623	FALSE	FALSE	Converged
Lutheran	B	VEGF	0.02 (-0.04 - 0.08)	0.460	0.460	FALSE	FALSE	Converged
Lutheran	B	X6CKINE	-0.03 (-0.07 - 0.01)	0.111	0.111	FALSE	FALSE	Converged
Duffy	B	ADIPONECTIN	-0.00 (-0.03 - 0.02)	0.782	0.782	FALSE	FALSE	Converged
Duffy	B	ADIPSIN	0.00 (-0.02 - 0.02)	0.982	0.982	FALSE	FALSE	Converged
Duffy	B	AMYLIN	-0.01 (-0.06 - 0.03)	0.534	0.534	FALSE	FALSE	Converged
Duffy	B	BCA 1	-0.01 (-0.02 - 0.01)	0.271	0.271	FALSE	FALSE	Converged
Duffy	B	C PEPTIDE	0.01 (-0.03 - 0.04)	0.793	0.793	FALSE	FALSE	Converged
Duffy	B	CCL19 MIP3B	-0.01 (-0.03 - 0.00)	0.149	0.149	FALSE	FALSE	Converged
Duffy	B	CCL20 MIP3A	-0.01 (-0.04 - 0.02)	0.463	0.463	FALSE	FALSE	Converged
Duffy	B	CRP	-0.01 (-0.04 - 0.03)	0.707	0.707	FALSE	FALSE	Converged
Duffy	B	CTACK	-0.00 (-0.01 - 0.01)	0.864	0.864	FALSE	FALSE	Converged
Duffy	B	CXCL11 I TAC	0.03 (0.01 - 0.05)	0.003	0.003	FALSE	FALSE	Converged
Duffy	B	CXCL6 GCP2	0.06 (0.05 - 0.07)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	CXCL9 MIG	-0.00 (-0.02 - 0.02)	0.826	0.826	FALSE	FALSE	Converged
Duffy	B	EGF	-0.02 (-0.05 - 0.01)	0.235	0.235	FALSE	FALSE	Converged
Duffy	B	ENA 78	0.07 (0.06 - 0.09)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	EOTAXIN 2	0.02 (-0.00 - 0.04)	0.104	0.104	FALSE	FALSE	Converged
Duffy	B	EOTAXIN	0.12 (0.10 - 0.13)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	G CSF	-0.01 (-0.04 - 0.01)	0.295	0.295	FALSE	FALSE	Converged
Duffy	B	GIP	0.00 (-0.06 - 0.06)	0.961	0.961	FALSE	FALSE	Converged
Duffy	B	GRO	0.06 (0.05 - 0.07)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	IL 13	0.12 (-0.18 - 0.42)	0.423	0.423	FALSE	FALSE	Converged
Duffy	B	IL 16	-0.00 (-0.04 - 0.03)	0.841	0.841	FALSE	FALSE	Converged
Duffy	B	IL 17	-0.08 (-0.15 - -0.02)	0.008	0.008	FALSE	FALSE	Converged
Duffy	B	IL 23	0.07 (-0.21 - 0.34)	0.632	0.632	FALSE	FALSE	Converged
Duffy	B	IL 8	0.05 (0.03 - 0.08)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	INSULIN	-0.02 (-0.07 - 0.03)	0.423	0.423	FALSE	FALSE	Converged
Duffy	B	IP 10	-0.00 (-0.02 - 0.01)	0.545	0.545	FALSE	FALSE	Converged
Duffy	B	LEPTIN	-0.01 (-0.06 - 0.04)	0.774	0.774	FALSE	FALSE	Converged
Duffy	B	LIPOCALIN 2 NGAL	0.01 (-0.02 - 0.04)	0.664	0.664	FALSE	FALSE	Converged
Duffy	B	MCP 1	0.12 (0.11 - 0.13)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	MCP 2	-0.03 (-0.05 - -0.01)	0.001	0.001	FALSE	FALSE	Converged
Duffy	B	MCP 4	0.15 (0.12 - 0.17)	0.000	0.000	TRUE	FALSE	Converged
Duffy	B	MDC	0.00 (-0.01 - 0.01)	0.922	0.922	FALSE	FALSE	Converged
Duffy	B	MIP 1B	0.02 (0.00 - 0.04)	0.041	0.041	FALSE	FALSE	Converged
Duffy	B	MIP 1D	0.01 (-0.00 - 0.03)	0.120	0.120	FALSE	FALSE	Converged
Duffy	B	PAI 1	-0.00 (-0.02 - 0.02)	0.937	0.937	FALSE	FALSE	Converged
Duffy	B	PP	0.01 (-0.05 - 0.07)	0.677	0.677	FALSE	FALSE	Converged
Duffy	B	RESISTIN	0.02 (-0.00 - 0.04)	0.099	0.099	FALSE	FALSE	Converged
Duffy	B	SAA	-0.03 (-0.06 - 0.01)	0.129	0.129	FALSE	FALSE	Converged
Duffy	B	SAP	-0.01 (-0.02 - 0.00)	0.149	0.149	FALSE	FALSE	Converged
Duffy	B	SDF 1A B	0.01 (-0.00 - 0.02)	0.266	0.266	FALSE	FALSE	Converged
Duffy	B	SEGFR	-0.00 (-0.01 - 0.01)	0.691	0.691	FALSE	FALSE	Converged
Duffy	B	SGP130	-0.00 (-0.01 - 0.01)	0.982	0.982	FALSE	FALSE	Converged
Duffy	B	SIL4R	0.01 (0.00 - 0.02)	0.027	0.027	FALSE	FALSE	Converged
Duffy	B	SIL6R	0.00 (-0.00 - 0.01)	0.376	0.376	FALSE	FALSE	Converged
Duffy	B	SILRII	-0.00 (-0.01 - 0.01)	0.712	0.712	FALSE	FALSE	Converged
Duffy	B	STNFRI	-0.00 (-0.01 - 0.01)	0.816	0.816	FALSE	FALSE	Converged
Duffy	B	STNFRII	-0.00 (-0.01 - 0.01)	0.720	0.720	FALSE	FALSE	Converged
Duffy	B	SVEGFR2	0.00 (-0.01 - 0.01)	0.822	0.822	FALSE	FALSE	Converged
Duffy	B	SVEGFR3	0.01 (-0.01 - 0.04)	0.191	0.191	FALSE	FALSE	Converged
Duffy	B	TARC	0.05 (0.03 - 0.07)	0.000	0.000	TRUE	FALSE	Converged

Duffy	B	TGF A	-0.01 (-0.04 - 0.02)	0.631	0.631	FALSE	FALSE	Converged
Duffy	B	TGF B1	-0.01 (-0.04 - 0.03)	0.740	0.740	FALSE	FALSE	Converged
Duffy	B	TNFA	-0.00 (-0.02 - 0.01)	0.849	0.849	FALSE	FALSE	Converged
Duffy	B	TPO	-0.06 (-0.10 - -0.01)	0.024	0.024	FALSE	FALSE	Converged
Duffy	B	TRAIL	-0.01 (-0.03 - 0.01)	0.229	0.229	FALSE	FALSE	Converged
Duffy	B	VEGF	-0.01 (-0.05 - 0.03)	0.657	0.657	FALSE	FALSE	Converged
Duffy	B	X6CKINE	0.01 (-0.02 - 0.03)	0.588	0.588	FALSE	FALSE	Converged
Lewis	Null	FGF 2	2.51 (1.03 - 6.13)	0.044	0.044	FALSE	TRUE	Converged
Lewis	Null	FLT 3L	15064.29 (6724.30 - 33	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	GLP 1	53371.84 (25316.53 - 1	0.000	0.000	TRUE	TRUE	Converged
Lewis	Null	GLUCAGON	24800.45 (8943.25 - 68	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	GM CSF	41131.74 (16591.97 - 1	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IFNA2	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IFNG	3.24 (0.75 - 13.91)	0.114	0.114	FALSE	TRUE	Converged
Lewis	Null	IL 10	14661.90 (6715.55 - 32	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 11	51169.96 (28923.25 - 9	0.000	0.000	TRUE	TRUE	Converged
Lewis	Null	IL 12P40	39656.57 (18580.87 - 8	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 15	1.30 (0.30 - 5.74)	0.728	0.728	FALSE	TRUE	Converged
Lewis	Null	IL 1A	80403.83 (46230.79 - 1	0.000	0.000	TRUE	TRUE	Converged
Lewis	Null	IL 1B	1.03 (0.18 - 6.06)	0.971	0.971	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 1RA	5537525.74 (368455.1	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 2	50133.56 (27731.10 - 9	0.000	0.000	TRUE	TRUE	Converged
Lewis	Null	IL 29 IFNL1	1.44 (0.30 - 6.89)	0.649	0.649	FALSE	TRUE	Converged
Lewis	Null	IL 33	1.00 (0.53 - 1.92)	0.990	0.990	FALSE	TRUE	Converged
Lewis	Null	IL 4	21784.49 (9904.55 - 47	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 5	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	IL 7	44182.39 (10138.92 - 1	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	MCP 3	23.67 (4.33 - 129.50)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	MIP 1A	0.31 (0.05 - 1.78)	0.188	0.188	FALSE	TRUE	Converged
Lewis	Null	PYY	122202034871.95 (87	0.000	0.000	FALSE	TRUE	Did Not Converge
Lewis	Null	SCF	0.95 (0.51 - 1.76)	0.873	0.873	FALSE	TRUE	Converged
Lewis	Null	SIL 2RA	37345.11 (20148.43 - 6	0.000	0.000	TRUE	TRUE	Converged
Lewis	Null	TNF B	0.80 (0.45 - 1.45)	0.469	0.469	FALSE	TRUE	Converged
Lewis	Null	TSLP	1.28 (0.65 - 2.55)	0.475	0.475	FALSE	TRUE	Converged
Lewis	Null	SCD40L	2.55 (0.86 - 7.58)	0.091	0.091	FALSE	TRUE	Converged
Secretor	Secretor	FGF 2	1.06 (0.95 - 1.18)	0.334	0.334	FALSE	TRUE	Converged
Secretor	Secretor	FLT 3L	0.79 (0.51 - 1.22)	0.287	0.287	FALSE	TRUE	Converged
Secretor	Secretor	FRACTALKINE	218584363547629404	0.000	0.000	FALSE	TRUE	Did Not Converge
Secretor	Secretor	GLP 1	0.73 (0.57 - 0.94)	0.014	0.014	FALSE	TRUE	Converged
Secretor	Secretor	GLUCAGON	0.70 (0.51 - 0.98)	0.038	0.038	FALSE	TRUE	Converged
Secretor	Secretor	GM CSF	0.99 (0.77 - 1.28)	0.960	0.960	FALSE	TRUE	Converged
Secretor	Secretor	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IFNG	0.93 (0.79 - 1.09)	0.372	0.372	FALSE	TRUE	Converged
Secretor	Secretor	IL 10	0.98 (0.77 - 1.25)	0.863	0.863	FALSE	TRUE	Converged
Secretor	Secretor	IL 11	0.92 (0.76 - 1.11)	0.380	0.380	FALSE	TRUE	Converged
Secretor	Secretor	IL 12P40	1.27 (1.00 - 1.60)	0.047	0.047	FALSE	TRUE	Converged
Secretor	Secretor	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 15	1.13 (0.93 - 1.37)	0.230	0.230	FALSE	TRUE	Converged
Secretor	Secretor	IL 1A	1.24 (1.02 - 1.51)	0.033	0.033	FALSE	TRUE	Converged
Secretor	Secretor	IL 1B	1.95 (0.66 - 5.79)	0.227	0.227	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 1RA	11008093.93 (175441(	0.000	0.000	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 2	1.04 (0.87 - 1.24)	0.673	0.673	FALSE	TRUE	Converged
Secretor	Secretor	IL 29 IFNL1	0.99 (0.79 - 1.24)	0.908	0.908	FALSE	TRUE	Converged
Secretor	Secretor	IL 33	1.06 (0.94 - 1.20)	0.320	0.320	FALSE	TRUE	Converged
Secretor	Secretor	IL 4	0.87 (0.66 - 1.15)	0.332	0.332	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 5	1.17 (0.32 - 4.27)	0.813	0.813	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 6	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Secretor	Secretor	IL 7	0.97 (0.64 - 1.48)	0.880	0.880	FALSE	TRUE	Did Not Converge
Secretor	Secretor	MCP 3	1.00 (0.93 - 1.08)	1.000	1.000	FALSE	TRUE	Converged
Secretor	Secretor	MIP 1A	0.76 (0.57 - 1.02)	0.066	0.066	FALSE	TRUE	Converged
Secretor	Secretor	PYY	2.04 (1.02 - 4.09)	0.043	0.043	FALSE	TRUE	Did Not Converge
Secretor	Secretor	SCF	1.02 (0.91 - 1.14)	0.769	0.769	FALSE	TRUE	Converged
Secretor	Secretor	SIL 2RA	0.73 (0.54 - 0.99)	0.046	0.046	FALSE	TRUE	Converged
Secretor	Secretor	TNF B	1.02 (0.91 - 1.14)	0.778	0.778	FALSE	TRUE	Converged
Secretor	Secretor	TSLP	1.06 (0.93 - 1.21)	0.349	0.349	FALSE	TRUE	Converged
Secretor	Secretor	SCD40L	0.96 (0.80 - 1.15)	0.673	0.673	FALSE	TRUE	Converged

Kidd	B	FGF 2	0.99 (0.86 - 1.13)	0.875	0.875	FALSE	TRUE	Converged
Kidd	B	FLT 3L	0.83 (0.53 - 1.30)	0.407	0.407	FALSE	TRUE	Converged
Kidd	B	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	GLP 1	0.91 (0.66 - 1.24)	0.541	0.541	FALSE	TRUE	Converged
Kidd	B	GLUCAGON	1.16 (0.81 - 1.66)	0.432	0.432	FALSE	TRUE	Converged
Kidd	B	GM CSF	0.98 (0.72 - 1.33)	0.876	0.876	FALSE	TRUE	Converged
Kidd	B	IFNA2	4.06 (2.34 - 7.04)	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	IFNG	1.03 (0.84 - 1.25)	0.810	0.810	FALSE	TRUE	Converged
Kidd	B	IL 10	1.02 (0.77 - 1.35)	0.907	0.907	FALSE	TRUE	Converged
Kidd	B	IL 11	0.91 (0.72 - 1.15)	0.427	0.427	FALSE	TRUE	Converged
Kidd	B	IL 12P40	1.13 (0.84 - 1.51)	0.412	0.412	FALSE	TRUE	Converged
Kidd	B	IL 12P70	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	IL 15	1.01 (0.79 - 1.29)	0.948	0.948	FALSE	TRUE	Converged
Kidd	B	IL 1A	0.96 (0.76 - 1.22)	0.747	0.747	FALSE	TRUE	Converged
Kidd	B	IL 1B	1.19 (0.36 - 3.99)	0.776	0.776	FALSE	TRUE	Did Not Converge
Kidd	B	IL 1RA	336383205499.74 (197	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	IL 2	1.00 (0.81 - 1.24)	0.997	0.997	FALSE	TRUE	Converged
Kidd	B	IL 29 IFNL1	1.07 (0.82 - 1.39)	0.611	0.611	FALSE	TRUE	Converged
Kidd	B	IL 33	0.85 (0.73 - 0.99)	0.033	0.033	FALSE	TRUE	Converged
Kidd	B	IL 4	0.99 (0.70 - 1.40)	0.949	0.949	FALSE	TRUE	Did Not Converge
Kidd	B	IL 5	0.63 (0.19 - 2.13)	0.458	0.458	FALSE	TRUE	Did Not Converge
Kidd	B	IL 6	--	0.498	0.498	FALSE	TRUE	Did Not Converge
Kidd	B	IL 7	1.21 (0.71 - 2.06)	0.479	0.479	FALSE	TRUE	Did Not Converge
Kidd	B	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	MIP 1A	1.15 (0.83 - 1.58)	0.405	0.405	FALSE	TRUE	Converged
Kidd	B	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Kidd	B	SCF	0.90 (0.78 - 1.03)	0.117	0.117	FALSE	TRUE	Converged
Kidd	B	SIL 2RA	1.04 (0.70 - 1.52)	0.855	0.855	FALSE	TRUE	Converged
Kidd	B	TNF B	0.91 (0.80 - 1.05)	0.192	0.192	FALSE	TRUE	Converged
Kidd	B	TSLP	1.04 (0.88 - 1.23)	0.620	0.620	FALSE	TRUE	Converged
Kidd	B	SCD40L	0.92 (0.74 - 1.14)	0.440	0.440	FALSE	TRUE	Converged
Colton	B	FGF 2	1.08 (0.88 - 1.32)	0.469	0.469	FALSE	TRUE	Converged
Colton	B	FLT 3L	1.82 (1.02 - 3.26)	0.042	0.042	FALSE	TRUE	Converged
Colton	B	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	GLP 1	1.57 (1.02 - 2.43)	0.042	0.042	FALSE	TRUE	Converged
Colton	B	GLUCAGON	0.61 (0.30 - 1.24)	0.174	0.174	FALSE	TRUE	Converged
Colton	B	GM CSF	0.72 (0.43 - 1.22)	0.221	0.221	FALSE	TRUE	Converged
Colton	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	IFNG	1.15 (0.83 - 1.60)	0.404	0.404	FALSE	TRUE	Converged
Colton	B	IL 10	1.19 (0.80 - 1.78)	0.385	0.385	FALSE	TRUE	Converged
Colton	B	IL 11	1.06 (0.73 - 1.52)	0.771	0.771	FALSE	TRUE	Converged
Colton	B	IL 12P40	0.77 (0.47 - 1.26)	0.301	0.301	FALSE	TRUE	Converged
Colton	B	IL 12P70	--	0.816	0.816	FALSE	TRUE	Did Not Converge
Colton	B	IL 15	0.86 (0.58 - 1.29)	0.477	0.477	FALSE	TRUE	Converged
Colton	B	IL 1A	1.12 (0.78 - 1.60)	0.542	0.542	FALSE	TRUE	Converged
Colton	B	IL 1B	0.50 (0.13 - 1.95)	0.321	0.321	FALSE	TRUE	Did Not Converge
Colton	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	IL 2	0.87 (0.61 - 1.24)	0.438	0.438	FALSE	TRUE	Converged
Colton	B	IL 29 IFNL1	0.99 (0.67 - 1.46)	0.960	0.960	FALSE	TRUE	Converged
Colton	B	IL 33	0.75 (0.58 - 0.96)	0.020	0.020	FALSE	TRUE	Converged
Colton	B	IL 4	0.91 (0.53 - 1.57)	0.736	0.736	FALSE	TRUE	Did Not Converge
Colton	B	IL 5	0.70 (0.13 - 3.77)	0.674	0.674	FALSE	TRUE	Did Not Converge
Colton	B	IL 6	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	IL 7	0.72 (0.35 - 1.46)	0.362	0.362	FALSE	TRUE	Did Not Converge
Colton	B	MCP 3	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	MIP 1A	1.38 (0.81 - 2.35)	0.235	0.235	FALSE	TRUE	Converged
Colton	B	PYY	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Colton	B	SCF	0.95 (0.77 - 1.16)	0.595	0.595	FALSE	TRUE	Converged
Colton	B	SIL 2RA	0.81 (0.42 - 1.57)	0.537	0.537	FALSE	TRUE	Converged
Colton	B	TNF B	1.14 (0.93 - 1.40)	0.204	0.204	FALSE	TRUE	Converged
Colton	B	TSLP	0.91 (0.71 - 1.17)	0.461	0.461	FALSE	TRUE	Converged
Colton	B	SCD40L	1.05 (0.77 - 1.45)	0.746	0.746	FALSE	TRUE	Converged
Knops	B	FGF 2	1.02 (0.83 - 1.26)	0.845	0.845	FALSE	TRUE	Converged
Knops	B	FLT 3L	0.80 (0.38 - 1.66)	0.544	0.544	FALSE	TRUE	Converged
Knops	B	FRACTALKINE	--	0.297	0.297	FALSE	TRUE	Did Not Converge
Knops	B	GLP 1	0.90 (0.58 - 1.39)	0.635	0.635	FALSE	TRUE	Converged
Knops	B	GLUCAGON	0.82 (0.47 - 1.45)	0.504	0.504	FALSE	TRUE	Converged
Knops	B	GM CSF	1.10 (0.71 - 1.71)	0.672	0.672	FALSE	TRUE	Converged
Knops	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge

Knops	B	IFNG	0.83 (0.60 - 1.14)	0.248	0.248	FALSE	TRUE	Converged
Knops	B	IL 10	1.05 (0.69 - 1.61)	0.810	0.810	FALSE	TRUE	Converged
Knops	B	IL 11	1.12 (0.79 - 1.60)	0.521	0.521	FALSE	TRUE	Converged
Knops	B	IL 12P40	1.30 (0.87 - 1.95)	0.194	0.194	FALSE	TRUE	Converged
Knops	B	IL 12P70	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Knops	B	IL 15	1.14 (0.81 - 1.60)	0.447	0.447	FALSE	TRUE	Converged
Knops	B	IL 1A	1.45 (1.06 - 1.98)	0.021	0.021	FALSE	TRUE	Converged
Knops	B	IL 1B	580502.16 (228353.43	0.000	0.000	FALSE	TRUE	Did Not Converge
Knops	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Knops	B	IL 2	1.43 (1.06 - 1.92)	0.018	0.018	FALSE	TRUE	Converged
Knops	B	IL 29 IFNL1	1.11 (0.75 - 1.65)	0.600	0.600	FALSE	TRUE	Converged
Knops	B	IL 33	1.10 (0.88 - 1.39)	0.405	0.405	FALSE	TRUE	Converged
Knops	B	IL 4	1.76 (1.08 - 2.84)	0.022	0.022	FALSE	TRUE	Converged
Knops	B	IL 5	0.99 (0.17 - 5.75)	0.994	0.994	FALSE	TRUE	Did Not Converge
Knops	B	IL 6	0.00 (0.00 - 1.72)	0.064	0.064	FALSE	TRUE	Did Not Converge
Knops	B	IL 7	1.19 (0.64 - 2.22)	0.578	0.578	FALSE	TRUE	Did Not Converge
Knops	B	MCP 3	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Knops	B	MIP 1A	1.13 (0.70 - 1.82)	0.610	0.610	FALSE	TRUE	Converged
Knops	B	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Knops	B	SCF	1.26 (1.02 - 1.56)	0.034	0.034	FALSE	TRUE	Converged
Knops	B	SIL 2RA	1.71 (1.06 - 2.76)	0.028	0.028	FALSE	TRUE	Converged
Knops	B	TNF B	1.07 (0.87 - 1.32)	0.511	0.511	FALSE	TRUE	Converged
Knops	B	TSLP	1.07 (0.83 - 1.38)	0.595	0.595	FALSE	TRUE	Converged
Knops	B	SCD40L	0.93 (0.68 - 1.29)	0.678	0.678	FALSE	TRUE	Converged
Kell	K	FGF 2	1.18 (0.98 - 1.42)	0.087	0.087	FALSE	TRUE	Converged
Kell	K	FLT 3L	1.59 (0.85 - 2.95)	0.146	0.146	FALSE	TRUE	Converged
Kell	K	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	GLP 1	0.87 (0.52 - 1.45)	0.587	0.587	FALSE	TRUE	Converged
Kell	K	GLUCAGON	1.12 (0.64 - 1.97)	0.688	0.688	FALSE	TRUE	Converged
Kell	K	GM CSF	1.58 (0.97 - 2.56)	0.064	0.064	FALSE	TRUE	Converged
Kell	K	IFNA2	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	IFNG	0.95 (0.70 - 1.29)	0.735	0.735	FALSE	TRUE	Converged
Kell	K	IL 10	0.89 (0.58 - 1.35)	0.585	0.585	FALSE	TRUE	Converged
Kell	K	IL 11	1.00 (0.70 - 1.42)	0.998	0.998	FALSE	TRUE	Converged
Kell	K	IL 12P40	1.19 (0.76 - 1.87)	0.456	0.456	FALSE	TRUE	Converged
Kell	K	IL 12P70	1108503.58 (259114.0	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	IL 15	0.98 (0.69 - 1.40)	0.910	0.910	FALSE	TRUE	Converged
Kell	K	IL 1A	0.79 (0.54 - 1.16)	0.233	0.233	FALSE	TRUE	Converged
Kell	K	IL 1B	1.86 (0.36 - 9.59)	0.460	0.460	FALSE	TRUE	Did Not Converge
Kell	K	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	IL 2	0.80 (0.57 - 1.13)	0.210	0.210	FALSE	TRUE	Converged
Kell	K	IL 29 IFNL1	0.97 (0.68 - 1.38)	0.860	0.860	FALSE	TRUE	Converged
Kell	K	IL 33	0.86 (0.69 - 1.07)	0.172	0.172	FALSE	TRUE	Converged
Kell	K	IL 4	0.34 (0.15 - 0.77)	0.010	0.010	FALSE	TRUE	Did Not Converge
Kell	K	IL 5	1.67 (0.31 - 9.04)	0.550	0.550	FALSE	TRUE	Did Not Converge
Kell	K	IL 6	307113.59 (82.90 - 113	0.003	0.003	FALSE	TRUE	Did Not Converge
Kell	K	IL 7	1.28 (0.55 - 3.01)	0.569	0.569	FALSE	TRUE	Did Not Converge
Kell	K	MCP 3	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	MIP 1A	1.10 (0.66 - 1.84)	0.711	0.711	FALSE	TRUE	Converged
Kell	K	PYY	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Kell	K	SCF	0.93 (0.77 - 1.14)	0.496	0.496	FALSE	TRUE	Converged
Kell	K	SIL 2RA	0.64 (0.31 - 1.33)	0.236	0.236	FALSE	TRUE	Converged
Kell	K	TNF B	0.90 (0.74 - 1.09)	0.280	0.280	FALSE	TRUE	Converged
Kell	K	TSLP	0.95 (0.76 - 1.20)	0.694	0.694	FALSE	TRUE	Converged
Kell	K	SCD40L	1.06 (0.75 - 1.50)	0.759	0.759	FALSE	TRUE	Converged
Dombrock	B	FGF 2	0.91 (0.78 - 1.05)	0.206	0.206	FALSE	TRUE	Converged
Dombrock	B	FLT 3L	0.69 (0.38 - 1.23)	0.205	0.205	FALSE	TRUE	Converged
Dombrock	B	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	GLP 1	0.99 (0.71 - 1.39)	0.961	0.961	FALSE	TRUE	Converged
Dombrock	B	GLUCAGON	1.45 (0.94 - 2.23)	0.090	0.090	FALSE	TRUE	Converged
Dombrock	B	GM CSF	0.81 (0.57 - 1.15)	0.234	0.234	FALSE	TRUE	Converged
Dombrock	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	IFNG	1.02 (0.82 - 1.28)	0.844	0.844	FALSE	TRUE	Converged
Dombrock	B	IL 10	1.26 (0.93 - 1.69)	0.137	0.137	FALSE	TRUE	Converged
Dombrock	B	IL 11	1.11 (0.85 - 1.43)	0.442	0.442	FALSE	TRUE	Converged
Dombrock	B	IL 12P40	0.97 (0.71 - 1.32)	0.851	0.851	FALSE	TRUE	Converged
Dombrock	B	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 15	0.85 (0.64 - 1.12)	0.238	0.238	FALSE	TRUE	Converged
Dombrock	B	IL 1A	0.79 (0.60 - 1.03)	0.084	0.084	FALSE	TRUE	Converged

Dombrock	B	IL 1B	1.93 (0.22 - 17.17)	0.554	0.554	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 2	0.99 (0.78 - 1.27)	0.945	0.945	FALSE	TRUE	Converged
Dombrock	B	IL 29 IFNL1	0.82 (0.61 - 1.11)	0.200	0.200	FALSE	TRUE	Converged
Dombrock	B	IL 33	0.82 (0.69 - 0.97)	0.021	0.021	FALSE	TRUE	Converged
Dombrock	B	IL 4	0.99 (0.67 - 1.46)	0.956	0.956	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 5	719084.44 (309821.63	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 6	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	IL 7	0.79 (0.47 - 1.33)	0.375	0.375	FALSE	TRUE	Did Not Converge
Dombrock	B	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	MIP 1A	1.10 (0.75 - 1.60)	0.629	0.629	FALSE	TRUE	Converged
Dombrock	B	PYY	684290437721.42 (963	0.000	0.000	FALSE	TRUE	Did Not Converge
Dombrock	B	SCF	0.99 (0.85 - 1.15)	0.897	0.897	FALSE	TRUE	Converged
Dombrock	B	SIL 2RA	1.37 (0.89 - 2.10)	0.149	0.149	FALSE	TRUE	Converged
Dombrock	B	TNF B	0.86 (0.74 - 1.01)	0.060	0.060	FALSE	TRUE	Converged
Dombrock	B	TSLP	0.77 (0.64 - 0.94)	0.008	0.008	FALSE	TRUE	Converged
Dombrock	B	SCD40L	1.09 (0.85 - 1.39)	0.494	0.494	FALSE	TRUE	Converged
RhE	E	FGF 2	1.00 (0.88 - 1.14)	0.980	0.980	FALSE	TRUE	Converged
RhE	E	FLT 3L	0.62 (0.35 - 1.10)	0.099	0.099	FALSE	TRUE	Converged
RhE	E	FRACTALKINE	278113999132587268	0.000	0.000	FALSE	TRUE	Did Not Converge
RhE	E	GLP 1	0.95 (0.69 - 1.29)	0.725	0.725	FALSE	TRUE	Converged
RhE	E	GLUCAGON	0.75 (0.51 - 1.11)	0.150	0.150	FALSE	TRUE	Converged
RhE	E	GM CSF	0.83 (0.62 - 1.13)	0.237	0.237	FALSE	TRUE	Converged
RhE	E	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
RhE	E	IFNG	0.86 (0.71 - 1.05)	0.134	0.134	FALSE	TRUE	Converged
RhE	E	IL 10	1.01 (0.78 - 1.32)	0.917	0.917	FALSE	TRUE	Converged
RhE	E	IL 11	0.86 (0.68 - 1.07)	0.181	0.181	FALSE	TRUE	Converged
RhE	E	IL 12P40	0.96 (0.72 - 1.28)	0.800	0.800	FALSE	TRUE	Converged
RhE	E	IL 12P70	--	0.006	0.006	FALSE	TRUE	Did Not Converge
RhE	E	IL 15	0.82 (0.64 - 1.04)	0.106	0.106	FALSE	TRUE	Converged
RhE	E	IL 1A	0.86 (0.68 - 1.08)	0.192	0.192	FALSE	TRUE	Converged
RhE	E	IL 1B	4.59 (0.93 - 22.65)	0.061	0.061	FALSE	TRUE	Did Not Converge
RhE	E	IL 1RA	3454621362.44 (80574	0.000	0.000	FALSE	TRUE	Did Not Converge
RhE	E	IL 2	0.92 (0.75 - 1.14)	0.451	0.451	FALSE	TRUE	Converged
RhE	E	IL 29 IFNL1	0.86 (0.66 - 1.12)	0.267	0.267	FALSE	TRUE	Converged
RhE	E	IL 33	0.96 (0.83 - 1.11)	0.586	0.586	FALSE	TRUE	Converged
RhE	E	IL 4	0.97 (0.70 - 1.33)	0.839	0.839	FALSE	TRUE	Did Not Converge
RhE	E	IL 5	4.37 (0.30 - 62.77)	0.278	0.278	FALSE	TRUE	Did Not Converge
RhE	E	IL 6	153942155564257428	0.000	0.000	FALSE	TRUE	Did Not Converge
RhE	E	IL 7	1.11 (0.66 - 1.85)	0.701	0.701	FALSE	TRUE	Did Not Converge
RhE	E	MCP 3	1.00 (0.92 - 1.09)	1.000	1.000	FALSE	TRUE	Converged
RhE	E	MIP 1A	1.12 (0.81 - 1.53)	0.499	0.499	FALSE	TRUE	Converged
RhE	E	PYY	1421533685383.22 (26	0.000	0.000	FALSE	TRUE	Did Not Converge
RhE	E	SCF	0.92 (0.80 - 1.05)	0.195	0.195	FALSE	TRUE	Converged
RhE	E	SIL 2RA	1.40 (1.01 - 1.93)	0.043	0.043	FALSE	TRUE	Converged
RhE	E	TNF B	0.94 (0.83 - 1.08)	0.396	0.396	FALSE	TRUE	Converged
RhE	E	TSLP	0.86 (0.73 - 1.01)	0.061	0.061	FALSE	TRUE	Converged
RhE	E	SCD40L	1.16 (0.94 - 1.44)	0.161	0.161	FALSE	TRUE	Converged
Aub	B	FGF 2	0.87 (0.71 - 1.06)	0.168	0.168	FALSE	TRUE	Converged
Aub	B	FLT 3L	1.23 (0.66 - 2.28)	0.508	0.508	FALSE	TRUE	Converged
Aub	B	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Aub	B	GLP 1	1.01 (0.64 - 1.60)	0.962	0.962	FALSE	TRUE	Converged
Aub	B	GLUCAGON	1.07 (0.59 - 1.95)	0.831	0.831	FALSE	TRUE	Converged
Aub	B	GM CSF	1.29 (0.82 - 2.03)	0.272	0.272	FALSE	TRUE	Converged
Aub	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Aub	B	IFNG	1.26 (0.92 - 1.71)	0.145	0.145	FALSE	TRUE	Converged
Aub	B	IL 10	0.76 (0.48 - 1.22)	0.259	0.259	FALSE	TRUE	Converged
Aub	B	IL 11	0.78 (0.53 - 1.15)	0.211	0.211	FALSE	TRUE	Converged
Aub	B	IL 12P40	1.00 (0.64 - 1.54)	0.985	0.985	FALSE	TRUE	Converged
Aub	B	IL 12P70	0.21 (0.03 - 1.40)	0.106	0.106	FALSE	TRUE	Did Not Converge
Aub	B	IL 15	0.91 (0.62 - 1.32)	0.614	0.614	FALSE	TRUE	Converged
Aub	B	IL 1A	0.93 (0.64 - 1.35)	0.697	0.697	FALSE	TRUE	Converged
Aub	B	IL 1B	1.14 (0.08 - 16.76)	0.922	0.922	FALSE	TRUE	Did Not Converge
Aub	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Aub	B	IL 2	0.86 (0.61 - 1.23)	0.412	0.412	FALSE	TRUE	Converged
Aub	B	IL 29 IFNL1	0.66 (0.39 - 1.11)	0.119	0.119	FALSE	TRUE	Converged
Aub	B	IL 33	0.94 (0.75 - 1.19)	0.619	0.619	FALSE	TRUE	Converged
Aub	B	IL 4	0.79 (0.43 - 1.44)	0.447	0.447	FALSE	TRUE	Converged
Aub	B	IL 5	1161833.73 (338621.7	0.000	0.000	FALSE	TRUE	Did Not Converge

Aub	B	IL 6	--	0.019	0.019	FALSE	TRUE	Did Not Converge
Aub	B	IL 7	0.73 (0.36 - 1.46)	0.370	0.370	FALSE	TRUE	Did Not Converge
Aub	B	MCP 3	2.93 (0.75 - 11.49)	0.122	0.122	FALSE	TRUE	Did Not Converge
Aub	B	MIP 1A	0.98 (0.57 - 1.69)	0.937	0.937	FALSE	TRUE	Converged
Aub	B	PYY	28287410125.20 (7657	0.000	0.000	FALSE	TRUE	Did Not Converge
Aub	B	SCF	1.06 (0.86 - 1.30)	0.573	0.573	FALSE	TRUE	Converged
Aub	B	SIL 2RA	1.01 (0.54 - 1.89)	0.971	0.971	FALSE	TRUE	Converged
Aub	B	TNF B	0.87 (0.71 - 1.08)	0.204	0.204	FALSE	TRUE	Converged
Aub	B	TSLP	0.97 (0.75 - 1.24)	0.781	0.781	FALSE	TRUE	Converged
Aub	B	SCD40L	1.19 (0.85 - 1.67)	0.316	0.316	FALSE	TRUE	Converged
Lutheran	B	FGF 2	1.09 (0.89 - 1.34)	0.405	0.405	FALSE	TRUE	Converged
Lutheran	B	FLT 3L	0.96 (0.45 - 2.07)	0.920	0.920	FALSE	TRUE	Converged
Lutheran	B	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	GLP 1	0.84 (0.51 - 1.39)	0.492	0.492	FALSE	TRUE	Converged
Lutheran	B	GLUCAGON	0.37 (0.13 - 1.07)	0.066	0.066	FALSE	TRUE	Converged
Lutheran	B	GM CSF	1.40 (0.83 - 2.36)	0.202	0.202	FALSE	TRUE	Converged
Lutheran	B	IFNA2	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	IFNG	1.10 (0.81 - 1.50)	0.545	0.545	FALSE	TRUE	Converged
Lutheran	B	IL 10	1.16 (0.81 - 1.66)	0.421	0.421	FALSE	TRUE	Converged
Lutheran	B	IL 11	0.98 (0.69 - 1.38)	0.892	0.892	FALSE	TRUE	Converged
Lutheran	B	IL 12P40	1.09 (0.70 - 1.70)	0.715	0.715	FALSE	TRUE	Converged
Lutheran	B	IL 12P70	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	IL 15	1.11 (0.79 - 1.57)	0.541	0.541	FALSE	TRUE	Converged
Lutheran	B	IL 1A	1.25 (0.90 - 1.74)	0.183	0.183	FALSE	TRUE	Converged
Lutheran	B	IL 1B	326859.25 (127974.27	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	IL 2	1.17 (0.86 - 1.59)	0.329	0.329	FALSE	TRUE	Converged
Lutheran	B	IL 29 IFNL1	1.30 (0.91 - 1.85)	0.153	0.153	FALSE	TRUE	Converged
Lutheran	B	IL 33	1.03 (0.82 - 1.29)	0.795	0.795	FALSE	TRUE	Converged
Lutheran	B	IL 4	0.82 (0.48 - 1.40)	0.461	0.461	FALSE	TRUE	Converged
Lutheran	B	IL 5	0.54 (0.05 - 5.42)	0.599	0.599	FALSE	TRUE	Did Not Converge
Lutheran	B	IL 6	52694746.65 (0.02 - 16	0.111	0.111	FALSE	TRUE	Did Not Converge
Lutheran	B	IL 7	1.26 (0.64 - 2.47)	0.504	0.504	FALSE	TRUE	Did Not Converge
Lutheran	B	MCP 3	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	MIP 1A	0.55 (0.27 - 1.10)	0.092	0.092	FALSE	TRUE	Converged
Lutheran	B	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Lutheran	B	SCF	0.92 (0.74 - 1.13)	0.409	0.409	FALSE	TRUE	Converged
Lutheran	B	SIL 2RA	1.52 (0.94 - 2.47)	0.087	0.087	FALSE	TRUE	Converged
Lutheran	B	TNF B	0.96 (0.77 - 1.18)	0.679	0.679	FALSE	TRUE	Converged
Lutheran	B	TSLP	1.09 (0.86 - 1.38)	0.497	0.497	FALSE	TRUE	Converged
Lutheran	B	SCD40L	1.00 (0.72 - 1.39)	0.989	0.989	FALSE	TRUE	Converged
Duffy	B	FGF 2	0.96 (0.84 - 1.11)	0.593	0.593	FALSE	TRUE	Converged
Duffy	B	FLT 3L	0.83 (0.52 - 1.31)	0.418	0.418	FALSE	TRUE	Converged
Duffy	B	FRACTALKINE	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Duffy	B	GLP 1	1.19 (0.86 - 1.64)	0.288	0.288	FALSE	TRUE	Converged
Duffy	B	GLUCAGON	1.07 (0.70 - 1.63)	0.749	0.749	FALSE	TRUE	Converged
Duffy	B	GM CSF	0.85 (0.61 - 1.18)	0.324	0.324	FALSE	TRUE	Converged
Duffy	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Duffy	B	IFNG	0.80 (0.64 - 0.98)	0.033	0.033	FALSE	TRUE	Converged
Duffy	B	IL 10	1.17 (0.86 - 1.59)	0.306	0.306	FALSE	TRUE	Converged
Duffy	B	IL 11	0.82 (0.65 - 1.04)	0.101	0.101	FALSE	TRUE	Converged
Duffy	B	IL 12P40	1.08 (0.79 - 1.48)	0.636	0.636	FALSE	TRUE	Converged
Duffy	B	IL 12P70	0.59 (0.07 - 5.13)	0.632	0.632	FALSE	TRUE	Did Not Converge
Duffy	B	IL 15	1.15 (0.89 - 1.48)	0.279	0.279	FALSE	TRUE	Converged
Duffy	B	IL 1A	1.24 (0.95 - 1.60)	0.111	0.111	FALSE	TRUE	Converged
Duffy	B	IL 1B	0.68 (0.20 - 2.38)	0.550	0.550	FALSE	TRUE	Did Not Converge
Duffy	B	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
Duffy	B	IL 2	0.97 (0.77 - 1.21)	0.780	0.780	FALSE	TRUE	Converged
Duffy	B	IL 29 IFNL1	0.96 (0.72 - 1.27)	0.756	0.756	FALSE	TRUE	Converged
Duffy	B	IL 33	0.93 (0.79 - 1.08)	0.333	0.333	FALSE	TRUE	Converged
Duffy	B	IL 4	0.92 (0.65 - 1.30)	0.638	0.638	FALSE	TRUE	Converged
Duffy	B	IL 5	3.98 (1.00 - 15.83)	0.050	0.050	FALSE	TRUE	Did Not Converge
Duffy	B	IL 6	--	0.014	0.014	FALSE	TRUE	Did Not Converge
Duffy	B	IL 7	0.69 (0.40 - 1.17)	0.170	0.170	FALSE	TRUE	Converged
Duffy	B	MCP 3	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Duffy	B	MIP 1A	0.89 (0.63 - 1.25)	0.496	0.496	FALSE	TRUE	Converged
Duffy	B	PYY	--	0.000	0.000	FALSE	TRUE	Did Not Converge
Duffy	B	SCF	0.99 (0.86 - 1.14)	0.878	0.878	FALSE	TRUE	Converged
Duffy	B	SIL 2RA	0.76 (0.51 - 1.15)	0.197	0.197	FALSE	TRUE	Converged

Duffy	B	TNF B	1.02 (0.88 - 1.18)	0.755	0.755	FALSE	TRUE	Converged
Duffy	B	TSLP	0.88 (0.74 - 1.04)	0.145	0.145	FALSE	TRUE	Converged
Duffy	B	SCD40L	0.95 (0.75 - 1.19)	0.630	0.630	FALSE	TRUE	Converged
ABO	A1	ADIPONECTIN	0.03 (-0.01 - 0.07)	0.205	0.006	FALSE	FALSE	Converged
ABO	A2	ADIPONECTIN	-0.06 (-0.20 - 0.07)	0.344	0.006	FALSE	FALSE	Converged
ABO	B	ADIPONECTIN	-0.01 (-0.12 - 0.10)	0.891	0.006	FALSE	FALSE	Converged
ABO	A1	ADIPSIN	-0.01 (-0.04 - 0.02)	0.439	0.786	FALSE	FALSE	Converged
ABO	A2	ADIPSIN	-0.03 (-0.10 - 0.04)	0.384	0.786	FALSE	FALSE	Converged
ABO	B	ADIPSIN	-0.03 (-0.07 - 0.01)	0.186	0.786	FALSE	FALSE	Converged
ABO	A1	AMYLIN	-0.03 (-0.11 - 0.04)	0.388	0.007	FALSE	FALSE	Converged
ABO	A2	AMYLIN	-0.06 (-0.22 - 0.11)	0.494	0.007	FALSE	FALSE	Converged
ABO	B	AMYLIN	0.15 (0.02 - 0.28)	0.023	0.007	FALSE	FALSE	Converged
ABO	A1	BCA 1	-0.01 (-0.04 - 0.01)	0.328	0.205	FALSE	FALSE	Converged
ABO	A2	BCA 1	0.03 (-0.03 - 0.09)	0.353	0.205	FALSE	FALSE	Converged
ABO	B	BCA 1	-0.04 (-0.10 - 0.03)	0.259	0.205	FALSE	FALSE	Converged
ABO	A1	C PEPTIDE	-0.01 (-0.10 - 0.08)	0.792	0.624	FALSE	FALSE	Converged
ABO	A2	C PEPTIDE	0.02 (-0.09 - 0.14)	0.715	0.624	FALSE	FALSE	Converged
ABO	B	C PEPTIDE	0.11 (-0.05 - 0.26)	0.172	0.624	FALSE	FALSE	Converged
ABO	A1	CCL19 MIP3B	0.00 (-0.02 - 0.03)	0.735	0.129	FALSE	FALSE	Converged
ABO	A2	CCL19 MIP3B	0.03 (-0.06 - 0.12)	0.508	0.129	FALSE	FALSE	Converged
ABO	B	CCL19 MIP3B	-0.03 (-0.09 - 0.03)	0.364	0.129	FALSE	FALSE	Converged
ABO	A1	CCL20 MIP3A	0.01 (-0.04 - 0.07)	0.621	0.063	FALSE	FALSE	Converged
ABO	A2	CCL20 MIP3A	0.02 (-0.14 - 0.18)	0.826	0.063	FALSE	FALSE	Converged
ABO	B	CCL20 MIP3A	-0.08 (-0.18 - 0.02)	0.126	0.063	FALSE	FALSE	Converged
ABO	A1	CRP	0.05 (-0.01 - 0.10)	0.108	0.319	FALSE	FALSE	Converged
ABO	A2	CRP	0.03 (-0.14 - 0.20)	0.697	0.319	FALSE	FALSE	Converged
ABO	B	CRP	-0.02 (-0.18 - 0.13)	0.763	0.319	FALSE	FALSE	Converged
ABO	A1	CTACK	-0.02 (-0.04 - -0.01)	0.009	0.065	FALSE	FALSE	Converged
ABO	A2	CTACK	0.01 (-0.03 - 0.05)	0.695	0.065	FALSE	FALSE	Converged
ABO	B	CTACK	-0.03 (-0.05 - -0.00)	0.029	0.065	FALSE	FALSE	Converged
ABO	A1	CXCL11 I TAC	-0.02 (-0.05 - 0.01)	0.227	0.000	FALSE	FALSE	Converged
ABO	A2	CXCL11 I TAC	-0.04 (-0.12 - 0.04)	0.365	0.000	FALSE	FALSE	Converged
ABO	B	CXCL11 I TAC	-0.07 (-0.12 - -0.02)	0.003	0.000	FALSE	FALSE	Converged
ABO	A1	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.302	0.005	FALSE	FALSE	Converged
ABO	A2	CXCL6 GCP2	0.03 (-0.03 - 0.08)	0.303	0.005	FALSE	FALSE	Converged
ABO	B	CXCL6 GCP2	-0.05 (-0.08 - -0.01)	0.011	0.005	FALSE	FALSE	Converged
ABO	A1	CXCL9 MIG	-0.00 (-0.03 - 0.03)	0.905	0.168	FALSE	FALSE	Converged
ABO	A2	CXCL9 MIG	0.03 (-0.07 - 0.12)	0.571	0.168	FALSE	FALSE	Converged
ABO	B	CXCL9 MIG	-0.02 (-0.08 - 0.04)	0.471	0.168	FALSE	FALSE	Converged
ABO	A1	EGF	0.06 (0.00 - 0.11)	0.038	0.203	FALSE	FALSE	Converged
ABO	A2	EGF	-0.03 (-0.19 - 0.13)	0.698	0.203	FALSE	FALSE	Converged
ABO	B	EGF	0.06 (-0.04 - 0.16)	0.246	0.203	FALSE	FALSE	Converged
ABO	A1	ENA 78	0.03 (-0.00 - 0.05)	0.061	0.530	FALSE	FALSE	Converged
ABO	A2	ENA 78	0.03 (-0.05 - 0.10)	0.463	0.530	FALSE	FALSE	Converged
ABO	B	ENA 78	0.00 (-0.05 - 0.05)	0.915	0.530	FALSE	FALSE	Converged
ABO	A1	EOTAXIN 2	0.03 (-0.01 - 0.06)	0.109	0.142	FALSE	FALSE	Converged
ABO	A2	EOTAXIN 2	-0.08 (-0.21 - 0.04)	0.205	0.142	FALSE	FALSE	Converged
ABO	B	EOTAXIN 2	-0.05 (-0.12 - 0.02)	0.189	0.142	FALSE	FALSE	Converged
ABO	A1	EOTAXIN	0.01 (-0.02 - 0.04)	0.450	0.145	FALSE	FALSE	Converged
ABO	A2	EOTAXIN	-0.01 (-0.04 - 0.03)	0.663	0.145	FALSE	FALSE	Converged
ABO	B	EOTAXIN	-0.05 (-0.10 - -0.01)	0.030	0.145	FALSE	FALSE	Converged
ABO	A1	G CSF	0.03 (-0.02 - 0.07)	0.218	0.241	FALSE	FALSE	Converged
ABO	A2	G CSF	0.04 (-0.08 - 0.16)	0.502	0.241	FALSE	FALSE	Converged
ABO	B	G CSF	-0.02 (-0.09 - 0.05)	0.565	0.241	FALSE	FALSE	Converged
ABO	A1	GIP	0.08 (-0.02 - 0.18)	0.109	0.003	FALSE	FALSE	Converged
ABO	A2	GIP	-0.00 (-0.18 - 0.18)	0.981	0.003	FALSE	FALSE	Converged
ABO	B	GIP	0.29 (0.06 - 0.52)	0.015	0.003	FALSE	FALSE	Converged
ABO	A1	GRO	0.00 (-0.01 - 0.02)	0.777	0.661	FALSE	FALSE	Converged
ABO	A2	GRO	0.01 (-0.05 - 0.07)	0.738	0.661	FALSE	FALSE	Converged
ABO	B	GRO	0.00 (-0.03 - 0.04)	0.921	0.661	FALSE	FALSE	Converged
ABO	A1	IL 13	0.61 (0.35 - 0.88)	0.000	0.000	TRUE	FALSE	Converged
ABO	A2	IL 13	-0.35 (-0.64 - -0.06)	0.017	0.000	TRUE	FALSE	Converged
ABO	B	IL 13	0.77 (0.54 - 1.00)	0.000	0.000	TRUE	FALSE	Converged
ABO	A1	IL 16	0.03 (-0.03 - 0.08)	0.368	0.335	FALSE	FALSE	Converged
ABO	A2	IL 16	0.05 (-0.15 - 0.25)	0.603	0.335	FALSE	FALSE	Converged
ABO	B	IL 16	-0.07 (-0.15 - 0.01)	0.081	0.335	FALSE	FALSE	Converged
ABO	A1	IL 17	0.00 (-0.11 - 0.12)	0.932	0.342	FALSE	FALSE	Converged
ABO	A2	IL 17	0.12 (-0.26 - 0.51)	0.538	0.342	FALSE	FALSE	Converged
ABO	B	IL 17	-0.10 (-0.29 - 0.09)	0.289	0.342	FALSE	FALSE	Converged

ABO	A1	IL 23	0.40 (-0.02 - 0.81)	0.060	0.010	FALSE	FALSE	Converged
ABO	A2	IL 23	0.15 (-0.17 - 0.46)	0.362	0.010	FALSE	FALSE	Converged
ABO	B	IL 23	-0.25 (-0.45 - -0.04)	0.021	0.010	FALSE	FALSE	Converged
ABO	A1	IL 8	0.00 (-0.04 - 0.04)	0.921	0.008	FALSE	FALSE	Converged
ABO	A2	IL 8	0.11 (-0.03 - 0.26)	0.129	0.008	FALSE	FALSE	Converged
ABO	B	IL 8	-0.11 (-0.18 - -0.04)	0.002	0.008	FALSE	FALSE	Converged
ABO	A1	INSULIN	0.04 (-0.07 - 0.14)	0.504	0.091	FALSE	FALSE	Converged
ABO	A2	INSULIN	-0.03 (-0.19 - 0.14)	0.759	0.091	FALSE	FALSE	Converged
ABO	B	INSULIN	0.19 (0.01 - 0.36)	0.035	0.091	FALSE	FALSE	Converged
ABO	A1	IP 10	-0.01 (-0.03 - 0.01)	0.431	0.044	FALSE	FALSE	Converged
ABO	A2	IP 10	0.05 (-0.01 - 0.11)	0.131	0.044	FALSE	FALSE	Converged
ABO	B	IP 10	-0.05 (-0.10 - -0.00)	0.038	0.044	FALSE	FALSE	Converged
ABO	A1	LEPTIN	0.01 (-0.08 - 0.11)	0.800	0.403	FALSE	FALSE	Converged
ABO	A2	LEPTIN	0.03 (-0.24 - 0.30)	0.816	0.403	FALSE	FALSE	Converged
ABO	B	LEPTIN	0.12 (-0.05 - 0.28)	0.172	0.403	FALSE	FALSE	Converged
ABO	A1	LIPOCALIN 2 NGAL	-0.11 (-0.22 - -0.00)	0.045	0.081	FALSE	FALSE	Converged
ABO	A2	LIPOCALIN 2 NGAL	0.11 (-0.03 - 0.25)	0.134	0.081	FALSE	FALSE	Converged
ABO	B	LIPOCALIN 2 NGAL	-0.36 (-0.75 - 0.02)	0.062	0.081	FALSE	FALSE	Converged
ABO	A1	MCP 1	0.01 (-0.00 - 0.03)	0.140	0.156	FALSE	FALSE	Converged
ABO	A2	MCP 1	-0.01 (-0.04 - 0.02)	0.619	0.156	FALSE	FALSE	Converged
ABO	B	MCP 1	-0.02 (-0.06 - 0.02)	0.234	0.156	FALSE	FALSE	Converged
ABO	A1	MCP 2	0.02 (-0.00 - 0.05)	0.102	0.033	FALSE	FALSE	Converged
ABO	A2	MCP 2	-0.07 (-0.19 - 0.05)	0.224	0.033	FALSE	FALSE	Converged
ABO	B	MCP 2	0.00 (-0.07 - 0.08)	0.918	0.033	FALSE	FALSE	Converged
ABO	A1	MCP 4	0.01 (-0.03 - 0.05)	0.740	0.298	FALSE	FALSE	Converged
ABO	A2	MCP 4	0.03 (-0.06 - 0.12)	0.495	0.298	FALSE	FALSE	Converged
ABO	B	MCP 4	-0.03 (-0.12 - 0.05)	0.443	0.298	FALSE	FALSE	Converged
ABO	A1	MDC	0.00 (-0.01 - 0.02)	0.602	0.340	FALSE	FALSE	Converged
ABO	A2	MDC	0.03 (-0.00 - 0.07)	0.076	0.340	FALSE	FALSE	Converged
ABO	B	MDC	-0.03 (-0.07 - 0.01)	0.205	0.340	FALSE	FALSE	Converged
ABO	A1	MIP 1B	0.01 (-0.02 - 0.05)	0.491	0.824	FALSE	FALSE	Converged
ABO	A2	MIP 1B	0.05 (-0.02 - 0.11)	0.137	0.824	FALSE	FALSE	Converged
ABO	B	MIP 1B	0.00 (-0.05 - 0.05)	0.962	0.824	FALSE	FALSE	Converged
ABO	A1	MIP 1D	-0.02 (-0.06 - 0.02)	0.328	0.135	FALSE	FALSE	Converged
ABO	A2	MIP 1D	-0.01 (-0.11 - 0.08)	0.765	0.135	FALSE	FALSE	Converged
ABO	B	MIP 1D	-0.01 (-0.05 - 0.04)	0.763	0.135	FALSE	FALSE	Converged
ABO	A1	PAI 1	-0.01 (-0.04 - 0.03)	0.683	0.010	FALSE	FALSE	Converged
ABO	A2	PAI 1	-0.08 (-0.12 - -0.03)	0.000	0.010	FALSE	FALSE	Converged
ABO	B	PAI 1	-0.04 (-0.09 - 0.02)	0.164	0.010	FALSE	FALSE	Converged
ABO	A1	PP	0.09 (0.00 - 0.17)	0.045	0.106	FALSE	FALSE	Converged
ABO	A2	PP	0.14 (-0.02 - 0.29)	0.078	0.106	FALSE	FALSE	Converged
ABO	B	PP	0.15 (-0.00 - 0.30)	0.053	0.106	FALSE	FALSE	Converged
ABO	A1	RESISTIN	-0.04 (-0.09 - -0.00)	0.047	0.103	FALSE	FALSE	Converged
ABO	A2	RESISTIN	0.06 (-0.02 - 0.13)	0.146	0.103	FALSE	FALSE	Converged
ABO	B	RESISTIN	-0.18 (-0.40 - 0.03)	0.089	0.103	FALSE	FALSE	Converged
ABO	A1	SAA	0.09 (0.02 - 0.16)	0.014	0.168	FALSE	FALSE	Converged
ABO	A2	SAA	0.02 (-0.16 - 0.21)	0.810	0.168	FALSE	FALSE	Converged
ABO	B	SAA	-0.04 (-0.15 - 0.07)	0.507	0.168	FALSE	FALSE	Converged
ABO	A1	SAP	0.01 (-0.01 - 0.03)	0.428	0.795	FALSE	FALSE	Converged
ABO	A2	SAP	-0.01 (-0.06 - 0.04)	0.614	0.795	FALSE	FALSE	Converged
ABO	B	SAP	-0.02 (-0.09 - 0.05)	0.554	0.795	FALSE	FALSE	Converged
ABO	A1	SDF 1A B	-0.02 (-0.04 - 0.00)	0.086	0.060	FALSE	FALSE	Converged
ABO	A2	SDF 1A B	0.01 (-0.05 - 0.07)	0.718	0.060	FALSE	FALSE	Converged
ABO	B	SDF 1A B	0.04 (0.01 - 0.07)	0.018	0.060	FALSE	FALSE	Converged
ABO	A1	SEGFR	0.01 (0.00 - 0.03)	0.044	0.080	FALSE	FALSE	Converged
ABO	A2	SEGFR	-0.01 (-0.04 - 0.02)	0.573	0.080	FALSE	FALSE	Converged
ABO	B	SEGFR	0.02 (-0.00 - 0.04)	0.064	0.080	FALSE	FALSE	Converged
ABO	A1	SGP130	-0.02 (-0.04 - -0.01)	0.007	0.000	TRUE	FALSE	Converged
ABO	A2	SGP130	-0.01 (-0.04 - 0.02)	0.587	0.000	TRUE	FALSE	Converged
ABO	B	SGP130	0.02 (-0.00 - 0.04)	0.104	0.000	TRUE	FALSE	Converged
ABO	A1	SIL4R	0.01 (-0.02 - 0.03)	0.621	0.302	FALSE	FALSE	Converged
ABO	A2	SIL4R	0.06 (0.00 - 0.13)	0.041	0.302	FALSE	FALSE	Converged
ABO	B	SIL4R	-0.02 (-0.07 - 0.02)	0.315	0.302	FALSE	FALSE	Converged
ABO	A1	SIL6R	0.01 (-0.01 - 0.03)	0.285	0.569	FALSE	FALSE	Converged
ABO	A2	SIL6R	0.02 (-0.02 - 0.06)	0.409	0.569	FALSE	FALSE	Converged
ABO	B	SIL6R	0.02 (-0.01 - 0.06)	0.186	0.569	FALSE	FALSE	Converged
ABO	A1	SILRII	0.01 (-0.01 - 0.03)	0.208	0.085	FALSE	FALSE	Converged
ABO	A2	SILRII	0.01 (-0.04 - 0.05)	0.750	0.085	FALSE	FALSE	Converged
ABO	B	SILRII	0.04 (0.01 - 0.08)	0.020	0.085	FALSE	FALSE	Converged

ABO	A1	STNFRI	0.00 (-0.01 - 0.02)	0.630	0.396	FALSE	FALSE	Converged
ABO	A2	STNFRI	-0.01 (-0.04 - 0.02)	0.564	0.396	FALSE	FALSE	Converged
ABO	B	STNFRI	0.02 (-0.01 - 0.05)	0.155	0.396	FALSE	FALSE	Converged
ABO	A1	STNFRII	0.00 (-0.02 - 0.02)	0.888	0.903	FALSE	FALSE	Converged
ABO	A2	STNFRII	-0.00 (-0.04 - 0.03)	0.806	0.903	FALSE	FALSE	Converged
ABO	B	STNFRII	0.00 (-0.02 - 0.03)	0.745	0.903	FALSE	FALSE	Converged
ABO	A1	SVEGFR2	-0.03 (-0.05 - -0.01)	0.000	0.000	TRUE	FALSE	Converged
ABO	A2	SVEGFR2	-0.02 (-0.06 - 0.01)	0.181	0.000	TRUE	FALSE	Converged
ABO	B	SVEGFR2	0.02 (-0.01 - 0.04)	0.178	0.000	TRUE	FALSE	Converged
ABO	A1	SVEGFR3	-0.09 (-0.14 - -0.05)	0.000	0.000	TRUE	FALSE	Converged
ABO	A2	SVEGFR3	0.04 (-0.06 - 0.14)	0.470	0.000	TRUE	FALSE	Converged
ABO	B	SVEGFR3	0.09 (-0.00 - 0.17)	0.052	0.000	TRUE	FALSE	Converged
ABO	A1	TARC	0.02 (-0.01 - 0.05)	0.299	0.729	FALSE	FALSE	Converged
ABO	A2	TARC	-0.00 (-0.08 - 0.08)	0.990	0.729	FALSE	FALSE	Converged
ABO	B	TARC	-0.00 (-0.06 - 0.06)	0.949	0.729	FALSE	FALSE	Converged
ABO	A1	TGF A	0.05 (-0.01 - 0.10)	0.105	0.029	FALSE	FALSE	Converged
ABO	A2	TGF A	0.10 (-0.02 - 0.21)	0.110	0.029	FALSE	FALSE	Converged
ABO	B	TGF A	-0.09 (-0.19 - 0.01)	0.088	0.029	FALSE	FALSE	Converged
ABO	A1	TGF B1	0.02 (-0.04 - 0.07)	0.528	0.545	FALSE	FALSE	Converged
ABO	A2	TGF B1	0.05 (-0.06 - 0.17)	0.366	0.545	FALSE	FALSE	Converged
ABO	B	TGF B1	0.03 (-0.02 - 0.08)	0.262	0.545	FALSE	FALSE	Converged
ABO	A1	TNFA	-0.01 (-0.03 - 0.02)	0.697	0.201	FALSE	FALSE	Converged
ABO	A2	TNFA	0.02 (-0.03 - 0.06)	0.430	0.201	FALSE	FALSE	Converged
ABO	B	TNFA	-0.03 (-0.07 - -0.00)	0.034	0.201	FALSE	FALSE	Converged
ABO	A1	TPO	0.06 (-0.03 - 0.14)	0.186	0.269	FALSE	FALSE	Converged
ABO	A2	TPO	0.03 (-0.24 - 0.30)	0.825	0.269	FALSE	FALSE	Converged
ABO	B	TPO	-0.12 (-0.26 - 0.01)	0.072	0.269	FALSE	FALSE	Converged
ABO	A1	TRAIL	-0.01 (-0.04 - 0.02)	0.557	0.491	FALSE	FALSE	Converged
ABO	A2	TRAIL	-0.11 (-0.27 - 0.05)	0.163	0.491	FALSE	FALSE	Converged
ABO	B	TRAIL	-0.01 (-0.05 - 0.03)	0.520	0.491	FALSE	FALSE	Converged
ABO	A1	VEGF	0.07 (-0.01 - 0.14)	0.082	0.638	FALSE	FALSE	Converged
ABO	A2	VEGF	0.03 (-0.21 - 0.26)	0.823	0.638	FALSE	FALSE	Converged
ABO	B	VEGF	0.02 (-0.14 - 0.17)	0.836	0.638	FALSE	FALSE	Converged
ABO	A1	X6CKINE	0.01 (-0.04 - 0.05)	0.786	0.235	FALSE	FALSE	Converged
ABO	A2	X6CKINE	0.01 (-0.11 - 0.14)	0.807	0.235	FALSE	FALSE	Converged
ABO	B	X6CKINE	0.06 (-0.03 - 0.15)	0.197	0.235	FALSE	FALSE	Converged
ABO	A1	FGF 2	1.07 (0.82 - 1.39)	0.615	0.085	FALSE	TRUE	Converged
ABO	A2	FGF 2	1.46 (0.72 - 2.97)	0.294	0.085	FALSE	TRUE	Converged
ABO	B	FGF 2	1.01 (0.59 - 1.73)	0.980	0.085	FALSE	TRUE	Converged
ABO	A1	FLT 3L	1.15 (0.51 - 2.61)	0.734	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	FLT 3L	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	FLT 3L	1.12 (0.19 - 6.54)	0.901	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	FRACTALKINE	399834191794466795	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	FRACTALKINE	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	GLP 1	0.77 (0.41 - 1.45)	0.421	--	FALSE	TRUE	Converged
ABO	A2	GLP 1	0.00 (0.00 - 0.00)	0.000	--	FALSE	TRUE	Converged
ABO	B	GLP 1	2.05 (0.82 - 5.10)	0.123	--	FALSE	TRUE	Converged
ABO	A1	GLUCAGON	0.47 (0.20 - 1.09)	0.079	0.054	FALSE	TRUE	Converged
ABO	A2	GLUCAGON	0.64 (0.13 - 3.18)	0.586	0.054	FALSE	TRUE	Converged
ABO	B	GLUCAGON	0.98 (0.44 - 2.22)	0.967	0.054	FALSE	TRUE	Converged
ABO	A1	GM CSF	1.43 (0.84 - 2.42)	0.183	0.393	FALSE	TRUE	Converged
ABO	A2	GM CSF	1.54 (0.37 - 6.51)	0.554	0.393	FALSE	TRUE	Converged
ABO	B	GM CSF	0.77 (0.26 - 2.25)	0.632	0.393	FALSE	TRUE	Converged
ABO	A1	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IFNA2	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IFNG	1.10 (0.75 - 1.61)	0.635	0.013	FALSE	TRUE	Converged
ABO	A2	IFNG	5.01 (1.18 - 21.25)	0.029	0.013	FALSE	TRUE	Converged
ABO	B	IFNG	1.01 (0.47 - 2.18)	0.970	0.013	FALSE	TRUE	Converged
ABO	A1	IL 10	0.65 (0.35 - 1.21)	0.176	0.570	FALSE	TRUE	Converged
ABO	A2	IL 10	1.58 (0.46 - 5.38)	0.467	0.570	FALSE	TRUE	Converged
ABO	B	IL 10	1.88 (0.53 - 6.63)	0.326	0.570	FALSE	TRUE	Converged
ABO	A1	IL 11	0.85 (0.54 - 1.35)	0.495	0.640	FALSE	TRUE	Converged
ABO	A2	IL 11	1.44 (0.53 - 3.97)	0.476	0.640	FALSE	TRUE	Converged
ABO	B	IL 11	1.05 (0.45 - 2.42)	0.918	0.640	FALSE	TRUE	Converged
ABO	A1	IL 12P40	1.93 (1.18 - 3.13)	0.008	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 12P40	1.01 (0.31 - 3.34)	0.983	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 12P40	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge

ABO	A1	IL 12P70	--	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 12P70	--	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 12P70	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 15	1.19 (0.78 - 1.80)	0.416	0.645	FALSE	TRUE	Converged
ABO	A2	IL 15	0.56 (0.12 - 2.59)	0.459	0.645	FALSE	TRUE	Converged
ABO	B	IL 15	0.43 (0.10 - 1.90)	0.266	0.645	FALSE	TRUE	Converged
ABO	A1	IL 1A	0.79 (0.48 - 1.30)	0.352	0.315	FALSE	TRUE	Converged
ABO	A2	IL 1A	2.08 (0.79 - 5.53)	0.140	0.315	FALSE	TRUE	Converged
ABO	B	IL 1A	0.46 (0.11 - 1.85)	0.272	0.315	FALSE	TRUE	Converged
ABO	A1	IL 1B	0.93 (0.10 - 8.46)	0.946	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 1B	1201399.62 (142896.8	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 1B	323861.85 (57575.38 -	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 1RA	47262.17 (7417.53 - 30	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 1RA	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 1RA	14.30 (0.83 - 247.85)	0.068	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 2	0.98 (0.66 - 1.47)	0.928	0.592	FALSE	TRUE	Converged
ABO	A2	IL 2	0.75 (0.23 - 2.42)	0.628	0.592	FALSE	TRUE	Converged
ABO	B	IL 2	0.32 (0.07 - 1.42)	0.134	0.592	FALSE	TRUE	Converged
ABO	A1	IL 29 IFNL1	1.34 (0.84 - 2.14)	0.216	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 29 IFNL1	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 29 IFNL1	1.09 (0.33 - 3.62)	0.893	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 33	1.27 (0.95 - 1.68)	0.101	0.219	FALSE	TRUE	Converged
ABO	A2	IL 33	1.97 (0.93 - 4.16)	0.077	0.219	FALSE	TRUE	Converged
ABO	B	IL 33	0.84 (0.44 - 1.59)	0.589	0.219	FALSE	TRUE	Converged
ABO	A1	IL 4	0.82 (0.37 - 1.82)	0.628	0.963	FALSE	TRUE	Did Not Converge
ABO	A2	IL 4	1.57 (0.22 - 11.39)	0.657	0.963	FALSE	TRUE	Did Not Converge
ABO	B	IL 4	0.92 (0.19 - 4.41)	0.920	0.963	FALSE	TRUE	Did Not Converge
ABO	A1	IL 5	0.77 (0.14 - 4.34)	0.766	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 5	1286259.96 (121839.9	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 5	550898.68 (76294.97 -	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 6	--	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 6	--	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 6	--	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	IL 7	1.24 (0.44 - 3.50)	0.687	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	IL 7	1062156.92 (362944.4	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	IL 7	0.73 (0.23 - 2.39)	0.608	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	MCP 3	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	MIP 1A	0.82 (0.46 - 1.46)	0.505	0.203	FALSE	TRUE	Converged
ABO	A2	MIP 1A	0.56 (0.12 - 2.64)	0.468	0.203	FALSE	TRUE	Converged
ABO	B	MIP 1A	0.35 (0.08 - 1.57)	0.170	0.203	FALSE	TRUE	Converged
ABO	A1	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	A2	PYY	0.00 (0.00 - 0.00)	0.000	0.000	FALSE	TRUE	Did Not Converge
ABO	B	PYY	3.23 (0.53 - 19.64)	0.204	0.000	FALSE	TRUE	Did Not Converge
ABO	A1	SCF	1.00 (0.77 - 1.31)	0.981	0.496	FALSE	TRUE	Converged
ABO	A2	SCF	0.62 (0.28 - 1.38)	0.236	0.496	FALSE	TRUE	Converged
ABO	B	SCF	1.08 (0.63 - 1.86)	0.779	0.496	FALSE	TRUE	Converged
ABO	A1	SIL 2RA	0.34 (0.08 - 1.36)	0.127	--	FALSE	TRUE	Converged
ABO	A2	SIL 2RA	1.64 (0.35 - 7.61)	0.527	--	FALSE	TRUE	Converged
ABO	B	SIL 2RA	0.00 (0.00 - 0.00)	0.000	--	FALSE	TRUE	Converged
ABO	A1	TNF B	1.12 (0.87 - 1.45)	0.367	0.677	FALSE	TRUE	Converged
ABO	A2	TNF B	1.15 (0.56 - 2.36)	0.708	0.677	FALSE	TRUE	Converged
ABO	B	TNF B	0.54 (0.27 - 1.10)	0.090	0.677	FALSE	TRUE	Converged
ABO	A1	TSLP	1.03 (0.75 - 1.41)	0.865	0.049	FALSE	TRUE	Converged
ABO	A2	TSLP	1.29 (0.55 - 3.05)	0.560	0.049	FALSE	TRUE	Converged
ABO	B	TSLP	0.81 (0.39 - 1.66)	0.559	0.049	FALSE	TRUE	Converged
ABO	A1	SCD40L	1.94 (1.17 - 3.23)	0.011	0.232	FALSE	TRUE	Converged
ABO	A2	SCD40L	1.10 (0.38 - 3.17)	0.867	0.232	FALSE	TRUE	Converged
ABO	B	SCD40L	1.27 (0.54 - 3.00)	0.587	0.232	FALSE	TRUE	Converged

Supplementary Table 4

Blood Group	Antigen Phenotype	Marker	Estimate (95% CI)	P-value	Wald Joint P-value	Bonferroni Significant?
Secretor	Nonsecretor	ADIPONECTIN	-0.00 (-0.04 - 0.04)	0.997	0.997	FALSE
Secretor	Nonsecretor	ADIPSIN	0.03 (0.00 - 0.05)	0.030	0.030	FALSE
Secretor	Nonsecretor	AMYLIN	0.03 (-0.06 - 0.13)	0.519	0.520	FALSE
Secretor	Nonsecretor	BCA 1	0.01 (-0.02 - 0.03)	0.588	0.588	FALSE
Secretor	Nonsecretor	C PEPTIDE	0.01 (-0.03 - 0.06)	0.587	0.587	FALSE
Secretor	Nonsecretor	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.146	0.146	FALSE
Secretor	Nonsecretor	CCL20 MIP3A	-0.00 (-0.04 - 0.04)	0.907	0.907	FALSE
Secretor	Nonsecretor	CRP	0.03 (-0.01 - 0.08)	0.144	0.144	FALSE
Secretor	Nonsecretor	CTACK	0.02 (0.01 - 0.03)	0.001	0.001	FALSE
Secretor	Nonsecretor	CXCL11 I TAC	-0.01 (-0.04 - 0.01)	0.349	0.349	FALSE
Secretor	Nonsecretor	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.191	0.191	FALSE
Secretor	Nonsecretor	CXCL9 MIG	0.02 (-0.00 - 0.04)	0.051	0.051	FALSE
Secretor	Nonsecretor	EGF	-0.01 (-0.05 - 0.03)	0.555	0.555	FALSE
Secretor	Nonsecretor	ENA 78	-0.01 (-0.04 - 0.01)	0.214	0.214	FALSE
Secretor	Nonsecretor	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.863	0.863	FALSE
Secretor	Nonsecretor	EOTAXIN	-0.00 (-0.02 - 0.02)	0.922	0.922	FALSE
Secretor	Nonsecretor	G CSF	-0.03 (-0.06 - 0.01)	0.119	0.119	FALSE
Secretor	Nonsecretor	GIP	-0.04 (-0.12 - 0.03)	0.246	0.247	FALSE
Secretor	Nonsecretor	GRO	0.00 (-0.02 - 0.02)	0.996	0.996	FALSE
Secretor	Nonsecretor	IL 13	0.61 (-0.13 - 1.34)	0.104	0.155	FALSE
Secretor	Nonsecretor	IL 16	-0.03 (-0.08 - 0.02)	0.294	0.294	FALSE
Secretor	Nonsecretor	IL 17	0.04 (-0.12 - 0.19)	0.622	0.622	FALSE
Secretor	Nonsecretor	IL 23	-0.16 (-0.70 - 0.37)	0.553	0.561	FALSE
Secretor	Nonsecretor	IL 8	-0.00 (-0.04 - 0.03)	0.801	0.801	FALSE
Secretor	Nonsecretor	INSULIN	0.02 (-0.06 - 0.09)	0.662	0.663	FALSE
Secretor	Nonsecretor	IP 10	-0.00 (-0.02 - 0.01)	0.649	0.649	FALSE
Secretor	Nonsecretor	LEPTIN	0.02 (-0.05 - 0.08)	0.631	0.631	FALSE
Secretor	Nonsecretor	LIPOCALIN 2 NGAL	0.05 (0.00 - 0.09)	0.037	0.038	FALSE
Secretor	Nonsecretor	MCP 1	-0.00 (-0.02 - 0.01)	0.837	0.837	FALSE
Secretor	Nonsecretor	MCP 2	-0.02 (-0.04 - 0.01)	0.199	0.199	FALSE
Secretor	Nonsecretor	MCP 4	-0.02 (-0.05 - 0.01)	0.302	0.302	FALSE
Secretor	Nonsecretor	MDC	0.01 (-0.01 - 0.03)	0.173	0.173	FALSE
Secretor	Nonsecretor	MIP 1B	-0.01 (-0.03 - 0.02)	0.696	0.696	FALSE
Secretor	Nonsecretor	MIP 1D	-0.01 (-0.03 - 0.01)	0.261	0.262	FALSE
Secretor	Nonsecretor	PAI 1	0.02 (-0.01 - 0.04)	0.185	0.185	FALSE
Secretor	Nonsecretor	PP	-0.09 (-0.17 - -0.01)	0.030	0.030	FALSE
Secretor	Nonsecretor	RESISTIN	0.04 (0.01 - 0.07)	0.012	0.012	FALSE
Secretor	Nonsecretor	SAA	0.02 (-0.03 - 0.07)	0.388	0.388	FALSE
Secretor	Nonsecretor	SAP	0.01 (-0.01 - 0.02)	0.243	0.243	FALSE
Secretor	Nonsecretor	SDF 1A B	0.00 (-0.02 - 0.02)	0.990	0.990	FALSE
Secretor	Nonsecretor	SEGFR	0.00 (-0.01 - 0.01)	0.717	0.717	FALSE
Secretor	Nonsecretor	SGP130	0.01 (0.00 - 0.02)	0.030	0.030	FALSE
Secretor	Nonsecretor	SIL4R	0.00 (-0.01 - 0.01)	0.867	0.867	FALSE
Secretor	Nonsecretor	SIL6R	0.00 (-0.01 - 0.02)	0.455	0.455	FALSE
Secretor	Nonsecretor	SILRII	0.01 (-0.01 - 0.02)	0.316	0.317	FALSE
Secretor	Nonsecretor	STNFRI	-0.00 (-0.02 - 0.01)	0.672	0.672	FALSE
Secretor	Nonsecretor	STNFRII	0.01 (-0.01 - 0.02)	0.383	0.383	FALSE
Secretor	Nonsecretor	SVEGFR2	0.00 (-0.01 - 0.01)	0.818	0.818	FALSE
Secretor	Nonsecretor	SVEGFR3	0.03 (-0.00 - 0.05)	0.079	0.079	FALSE
Secretor	Nonsecretor	TARC	-0.00 (-0.03 - 0.02)	0.938	0.938	FALSE
Secretor	Nonsecretor	TGF A	0.01 (-0.03 - 0.06)	0.576	0.576	FALSE
Secretor	Nonsecretor	TGF B1	0.03 (-0.02 - 0.09)	0.206	0.206	FALSE
Secretor	Nonsecretor	TNFA	0.01 (-0.01 - 0.03)	0.460	0.460	FALSE
Secretor	Nonsecretor	TPO	-0.03 (-0.10 - 0.03)	0.285	0.285	FALSE
Secretor	Nonsecretor	TRAIL	0.01 (-0.02 - 0.03)	0.576	0.576	FALSE
Secretor	Nonsecretor	VEGF	0.00 (-0.05 - 0.06)	0.921	0.921	FALSE
Secretor	Nonsecretor	X6CKINE	0.01 (-0.03 - 0.04)	0.628	0.628	FALSE
Dombrock	DoA+B+	ADIPONECTIN	0.04 (0.01 - 0.07)	0.011	0.041	FALSE

Dombrock	DoA-B+	ADIPONECTIN	0.03 (-0.02 - 0.07)	0.216	0.041	FALSE
Dombrock	DoA+B+	ADIPSIN	-0.00 (-0.02 - 0.01)	0.645	0.899	FALSE
Dombrock	DoA-B+	ADIPSIN	-0.00 (-0.03 - 0.02)	0.786	0.899	FALSE
Dombrock	DoA+B+	AMYLIN	0.05 (-0.03 - 0.13)	0.232	0.429	FALSE
Dombrock	DoA-B+	AMYLIN	0.00 (-0.11 - 0.11)	0.966	0.429	FALSE
Dombrock	DoA+B+	BCA 1	0.01 (-0.00 - 0.03)	0.079	0.210	FALSE
Dombrock	DoA-B+	BCA 1	0.01 (-0.02 - 0.03)	0.595	0.210	FALSE
Dombrock	DoA+B+	C PEPTIDE	0.03 (-0.00 - 0.07)	0.080	0.214	FALSE
Dombrock	DoA-B+	C PEPTIDE	0.02 (-0.03 - 0.07)	0.385	0.214	FALSE
Dombrock	DoA+B+	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.175	0.003	FALSE
Dombrock	DoA-B+	CCL19 MIP3B	-0.04 (-0.06 - -0.02)	0.001	0.003	FALSE
Dombrock	DoA+B+	CCL20 MIP3A	-0.01 (-0.05 - 0.02)	0.373	0.040	FALSE
Dombrock	DoA-B+	CCL20 MIP3A	-0.05 (-0.10 - -0.01)	0.012	0.040	FALSE
Dombrock	DoA+B+	CRP	-0.02 (-0.05 - 0.02)	0.344	0.487	FALSE
Dombrock	DoA-B+	CRP	-0.03 (-0.07 - 0.02)	0.285	0.487	FALSE
Dombrock	DoA+B+	CTACK	0.00 (-0.01 - 0.01)	0.404	0.586	FALSE
Dombrock	DoA-B+	CTACK	0.01 (-0.01 - 0.02)	0.368	0.586	FALSE
Dombrock	DoA+B+	CXCL11 I TAC	-0.00 (-0.02 - 0.02)	0.869	0.902	FALSE
Dombrock	DoA-B+	CXCL11 I TAC	0.00 (-0.03 - 0.03)	0.751	0.902	FALSE
Dombrock	DoA+B+	CXCL6 GCP2	-0.01 (-0.03 - 0.00)	0.089	0.230	FALSE
Dombrock	DoA-B+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.349	0.230	FALSE
Dombrock	DoA+B+	CXCL9 MIG	0.01 (-0.01 - 0.03)	0.358	0.076	FALSE
Dombrock	DoA-B+	CXCL9 MIG	-0.02 (-0.05 - 0.01)	0.131	0.076	FALSE
Dombrock	DoA+B+	EGF	0.02 (-0.02 - 0.05)	0.374	0.315	FALSE
Dombrock	DoA-B+	EGF	0.04 (-0.01 - 0.08)	0.134	0.315	FALSE
Dombrock	DoA+B+	ENA 78	-0.01 (-0.03 - 0.00)	0.087	0.121	FALSE
Dombrock	DoA-B+	ENA 78	-0.02 (-0.04 - 0.00)	0.079	0.121	FALSE
Dombrock	DoA+B+	EOTAXIN 2	0.00 (-0.02 - 0.03)	0.685	0.920	FALSE
Dombrock	DoA-B+	EOTAXIN 2	0.00 (-0.03 - 0.04)	0.823	0.920	FALSE
Dombrock	DoA+B+	EOTAXIN	0.01 (-0.00 - 0.03)	0.063	0.177	FALSE
Dombrock	DoA-B+	EOTAXIN	0.01 (-0.01 - 0.03)	0.346	0.177	FALSE
Dombrock	DoA+B+	G CSF	0.02 (-0.01 - 0.05)	0.133	0.300	FALSE
Dombrock	DoA-B+	G CSF	0.02 (-0.02 - 0.05)	0.328	0.300	FALSE
Dombrock	DoA+B+	GIP	-0.00 (-0.06 - 0.06)	0.987	0.812	FALSE
Dombrock	DoA-B+	GIP	0.02 (-0.06 - 0.11)	0.561	0.812	FALSE
Dombrock	DoA+B+	GRO	-0.00 (-0.01 - 0.01)	0.584	0.554	FALSE
Dombrock	DoA-B+	GRO	0.00 (-0.01 - 0.02)	0.536	0.554	FALSE
Dombrock	DoA+B+	IL 13	-0.27 (-0.56 - 0.02)	0.064	0.160	FALSE
Dombrock	DoA-B+	IL 13	-0.45 (-1.00 - 0.11)	0.113	0.160	FALSE
Dombrock	DoA+B+	IL 16	0.01 (-0.03 - 0.06)	0.494	0.515	FALSE
Dombrock	DoA-B+	IL 16	-0.02 (-0.07 - 0.04)	0.595	0.515	FALSE
Dombrock	DoA+B+	IL 17	-0.05 (-0.15 - 0.06)	0.361	0.030	FALSE
Dombrock	DoA-B+	IL 17	-0.19 (-0.34 - -0.05)	0.008	0.030	FALSE
Dombrock	DoA+B+	IL 23	0.44 (-0.13 - 1.00)	0.130	0.014	FALSE
Dombrock	DoA-B+	IL 23	1.12 (0.40 - 1.85)	0.002	0.014	FALSE
Dombrock	DoA+B+	IL 8	0.01 (-0.02 - 0.03)	0.555	0.598	FALSE
Dombrock	DoA-B+	IL 8	0.02 (-0.02 - 0.05)	0.317	0.598	FALSE
Dombrock	DoA+B+	INSULIN	0.06 (0.01 - 0.11)	0.027	0.060	FALSE
Dombrock	DoA-B+	INSULIN	0.00 (-0.07 - 0.08)	0.943	0.060	FALSE
Dombrock	DoA+B+	IP 10	-0.00 (-0.02 - 0.01)	0.712	0.479	FALSE
Dombrock	DoA-B+	IP 10	-0.01 (-0.03 - 0.01)	0.228	0.479	FALSE
Dombrock	DoA+B+	LEPTIN	0.07 (0.01 - 0.12)	0.014	0.050	FALSE
Dombrock	DoA-B+	LEPTIN	0.05 (-0.03 - 0.12)	0.216	0.050	FALSE
Dombrock	DoA+B+	LIPOCALIN 2 NGAL	-0.01 (-0.05 - 0.03)	0.502	0.620	FALSE
Dombrock	DoA-B+	LIPOCALIN 2 NGAL	-0.03 (-0.09 - 0.03)	0.349	0.620	FALSE
Dombrock	DoA+B+	MCP 1	0.00 (-0.01 - 0.02)	0.430	0.116	FALSE
Dombrock	DoA-B+	MCP 1	0.02 (0.00 - 0.03)	0.039	0.116	FALSE
Dombrock	DoA+B+	MCP 2	-0.00 (-0.02 - 0.02)	0.963	0.891	FALSE
Dombrock	DoA-B+	MCP 2	0.01 (-0.02 - 0.03)	0.682	0.891	FALSE

Dombrock	DoA+B+	MCP 4	0.00 (-0.02 - 0.03)	0.813	0.914	FALSE
Dombrock	DoA-B+	MCP 4	-0.00 (-0.04 - 0.03)	0.829	0.914	FALSE
Dombrock	DoA+B+	MDC	-0.01 (-0.02 - 0.00)	0.182	0.379	FALSE
Dombrock	DoA-B+	MDC	-0.00 (-0.02 - 0.01)	0.831	0.379	FALSE
Dombrock	DoA+B+	MIP 1B	-0.01 (-0.03 - 0.01)	0.234	0.002	FALSE
Dombrock	DoA-B+	MIP 1B	0.03 (0.01 - 0.06)	0.014	0.002	FALSE
Dombrock	DoA+B+	MIP 1D	-0.01 (-0.02 - 0.01)	0.478	0.201	FALSE
Dombrock	DoA-B+	MIP 1D	0.01 (-0.01 - 0.03)	0.266	0.201	FALSE
Dombrock	DoA+B+	PAI 1	-0.01 (-0.03 - 0.01)	0.338	0.326	FALSE
Dombrock	DoA-B+	PAI 1	-0.02 (-0.05 - 0.01)	0.146	0.326	FALSE
Dombrock	DoA+B+	PP	0.02 (-0.04 - 0.08)	0.483	0.574	FALSE
Dombrock	DoA-B+	PP	0.05 (-0.04 - 0.14)	0.320	0.574	FALSE
Dombrock	DoA+B+	RESISTIN	-0.02 (-0.04 - 0.01)	0.209	0.428	FALSE
Dombrock	DoA-B+	RESISTIN	-0.01 (-0.04 - 0.03)	0.763	0.428	FALSE
Dombrock	DoA+B+	SAA	-0.01 (-0.05 - 0.02)	0.457	0.246	FALSE
Dombrock	DoA-B+	SAA	-0.04 (-0.09 - 0.01)	0.094	0.246	FALSE
Dombrock	DoA+B+	SAP	-0.00 (-0.01 - 0.01)	0.726	0.769	FALSE
Dombrock	DoA-B+	SAP	-0.01 (-0.02 - 0.01)	0.469	0.769	FALSE
Dombrock	DoA+B+	SDF 1A B	0.01 (-0.01 - 0.02)	0.281	0.524	FALSE
Dombrock	DoA-B+	SDF 1A B	0.00 (-0.02 - 0.02)	0.906	0.524	FALSE
Dombrock	DoA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.712	0.881	FALSE
Dombrock	DoA-B+	SEGFR	0.00 (-0.01 - 0.01)	0.643	0.881	FALSE
Dombrock	DoA+B+	SGP130	-0.00 (-0.01 - 0.00)	0.423	0.725	FALSE
Dombrock	DoA-B+	SGP130	-0.00 (-0.01 - 0.01)	0.772	0.725	FALSE
Dombrock	DoA+B+	SIL4R	-0.01 (-0.03 - -0.00)	0.036	0.040	FALSE
Dombrock	DoA-B+	SIL4R	-0.02 (-0.04 - -0.00)	0.028	0.040	FALSE
Dombrock	DoA+B+	SIL6R	0.01 (-0.00 - 0.01)	0.252	0.386	FALSE
Dombrock	DoA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.245	0.386	FALSE
Dombrock	DoA+B+	SILRII	-0.00 (-0.02 - 0.01)	0.484	0.685	FALSE
Dombrock	DoA-B+	SILRII	-0.01 (-0.02 - 0.01)	0.441	0.685	FALSE
Dombrock	DoA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.813	0.945	FALSE
Dombrock	DoA-B+	STNFRI	-0.00 (-0.01 - 0.01)	0.925	0.945	FALSE
Dombrock	DoA+B+	STNFRII	-0.00 (-0.01 - 0.01)	0.758	0.211	FALSE
Dombrock	DoA-B+	STNFRII	-0.01 (-0.02 - 0.00)	0.089	0.211	FALSE
Dombrock	DoA+B+	SVEGFR2	-0.00 (-0.01 - 0.01)	0.849	0.495	FALSE
Dombrock	DoA-B+	SVEGFR2	-0.01 (-0.02 - 0.01)	0.267	0.495	FALSE
Dombrock	DoA+B+	SVEGFR3	0.01 (-0.02 - 0.03)	0.649	0.636	FALSE
Dombrock	DoA-B+	SVEGFR3	0.02 (-0.02 - 0.05)	0.342	0.636	FALSE
Dombrock	DoA+B+	TARC	0.00 (-0.01 - 0.02)	0.653	0.854	FALSE
Dombrock	DoA-B+	TARC	-0.00 (-0.03 - 0.03)	0.900	0.854	FALSE
Dombrock	DoA+B+	TGF A	-0.02 (-0.05 - 0.02)	0.418	0.002	FALSE
Dombrock	DoA-B+	TGF A	-0.09 (-0.13 - -0.04)	0.001	0.002	FALSE
Dombrock	DoA+B+	TGF B1	0.00 (-0.04 - 0.04)	0.980	0.948	FALSE
Dombrock	DoA-B+	TGF B1	-0.01 (-0.06 - 0.04)	0.797	0.948	FALSE
Dombrock	DoA+B+	TNFA	0.01 (-0.01 - 0.03)	0.192	0.426	FALSE
Dombrock	DoA-B+	TNFA	0.01 (-0.01 - 0.02)	0.609	0.426	FALSE
Dombrock	DoA+B+	TPO	-0.00 (-0.05 - 0.05)	0.978	0.102	FALSE
Dombrock	DoA-B+	TPO	-0.07 (-0.13 - 0.00)	0.057	0.102	FALSE
Dombrock	DoA+B+	TRAIL	0.00 (-0.01 - 0.02)	0.586	0.854	FALSE
Dombrock	DoA-B+	TRAIL	0.00 (-0.02 - 0.03)	0.707	0.854	FALSE
Dombrock	DoA+B+	VEGF	0.02 (-0.03 - 0.06)	0.466	0.592	FALSE
Dombrock	DoA-B+	VEGF	-0.01 (-0.07 - 0.05)	0.720	0.592	FALSE
Dombrock	DoA+B+	X6CKINE	0.01 (-0.02 - 0.03)	0.608	0.304	FALSE
Dombrock	DoA-B+	X6CKINE	-0.02 (-0.06 - 0.02)	0.274	0.304	FALSE
RhE	Ee	ADIPONECTIN	-0.01 (-0.04 - 0.03)	0.641	0.257	FALSE
RhE	ee	ADIPONECTIN	0.10 (-0.03 - 0.22)	0.124	0.257	FALSE
RhE	Ee	ADIPSIN	-0.01 (-0.03 - 0.01)	0.265	0.524	FALSE
RhE	ee	ADIPSIN	-0.01 (-0.08 - 0.05)	0.721	0.524	FALSE
RhE	Ee	AMYLIN	-0.02 (-0.12 - 0.08)	0.659	0.278	FALSE

RhE	ee	AMYLIN	0.16 (-0.05 - 0.37)	0.137	0.278	FALSE
RhE	Ee	BCA 1	-0.00 (-0.02 - 0.02)	0.670	0.070	FALSE
RhE	ee	BCA 1	-0.07 (-0.13 - -0.01)	0.022	0.070	FALSE
RhE	Ee	C PEPTIDE	-0.01 (-0.07 - 0.04)	0.569	0.207	FALSE
RhE	ee	C PEPTIDE	0.08 (-0.02 - 0.18)	0.103	0.207	FALSE
RhE	Ee	CCL19 MIP3B	-0.02 (-0.04 - -0.00)	0.041	0.022	FALSE
RhE	ee	CCL19 MIP3B	-0.06 (-0.13 - -0.00)	0.046	0.022	FALSE
RhE	Ee	CCL20 MIP3A	-0.01 (-0.05 - 0.03)	0.610	0.854	FALSE
RhE	ee	CCL20 MIP3A	0.01 (-0.11 - 0.13)	0.844	0.854	FALSE
RhE	Ee	CRP	-0.02 (-0.07 - 0.02)	0.262	0.493	FALSE
RhE	ee	CRP	-0.04 (-0.21 - 0.13)	0.651	0.493	FALSE
RhE	Ee	CTACK	0.02 (0.01 - 0.03)	0.000	0.001	FALSE
RhE	ee	CTACK	0.01 (-0.02 - 0.05)	0.444	0.001	FALSE
RhE	Ee	CXCL11 I TAC	-0.00 (-0.03 - 0.02)	0.898	0.272	FALSE
RhE	ee	CXCL11 I TAC	-0.07 (-0.15 - 0.01)	0.107	0.272	FALSE
RhE	Ee	CXCL6 GCP2	0.00 (-0.01 - 0.02)	0.710	0.928	FALSE
RhE	ee	CXCL6 GCP2	-0.00 (-0.07 - 0.06)	0.935	0.928	FALSE
RhE	Ee	CXCL9 MIG	-0.01 (-0.03 - 0.02)	0.558	0.751	FALSE
RhE	ee	CXCL9 MIG	-0.02 (-0.09 - 0.05)	0.606	0.751	FALSE
RhE	Ee	EGF	0.00 (-0.04 - 0.04)	0.942	0.890	FALSE
RhE	ee	EGF	0.03 (-0.10 - 0.16)	0.630	0.890	FALSE
RhE	Ee	ENA 78	0.01 (-0.01 - 0.04)	0.160	0.331	FALSE
RhE	ee	ENA 78	0.02 (-0.06 - 0.10)	0.575	0.331	FALSE
RhE	Ee	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.951	0.978	FALSE
RhE	ee	EOTAXIN 2	0.01 (-0.07 - 0.08)	0.837	0.978	FALSE
RhE	Ee	EOTAXIN	0.00 (-0.01 - 0.02)	0.654	0.822	FALSE
RhE	ee	EOTAXIN	0.01 (-0.03 - 0.06)	0.635	0.822	FALSE
RhE	Ee	G CSF	0.00 (-0.03 - 0.03)	0.991	0.675	FALSE
RhE	ee	G CSF	-0.05 (-0.15 - 0.06)	0.377	0.675	FALSE
RhE	Ee	GIP	-0.05 (-0.12 - 0.02)	0.176	0.001	FALSE
RhE	ee	GIP	0.34 (0.14 - 0.53)	0.001	0.001	FALSE
RhE	Ee	GRO	0.00 (-0.01 - 0.02)	0.809	0.565	FALSE
RhE	ee	GRO	0.03 (-0.02 - 0.07)	0.292	0.565	FALSE
RhE	Ee	IL 16	-0.04 (-0.10 - 0.01)	0.084	0.205	FALSE
RhE	ee	IL 16	-0.05 (-0.25 - 0.14)	0.597	0.205	FALSE
RhE	Ee	IL 17	-0.02 (-0.15 - 0.11)	0.777	0.539	FALSE
RhE	ee	IL 17	0.22 (-0.19 - 0.63)	0.293	0.539	FALSE
RhE	Ee	IL 8	0.01 (-0.03 - 0.04)	0.711	0.911	FALSE
RhE	ee	IL 8	0.02 (-0.12 - 0.15)	0.809	0.911	FALSE
RhE	Ee	INSULIN	0.01 (-0.05 - 0.08)	0.664	0.542	FALSE
RhE	ee	INSULIN	0.09 (-0.08 - 0.25)	0.294	0.542	FALSE
RhE	Ee	IP 10	-0.02 (-0.03 - 0.00)	0.090	0.083	FALSE
RhE	ee	IP 10	-0.04 (-0.08 - 0.01)	0.113	0.083	FALSE
RhE	Ee	LEPTIN	0.00 (-0.06 - 0.07)	0.913	0.931	FALSE
RhE	ee	LEPTIN	-0.03 (-0.20 - 0.14)	0.726	0.931	FALSE
RhE	Ee	LIPOCALIN 2 NGAL	-0.07 (-0.13 - -0.01)	0.030	0.033	FALSE
RhE	ee	LIPOCALIN 2 NGAL	-0.29 (-0.68 - 0.09)	0.133	0.033	FALSE
RhE	Ee	MCP 1	-0.00 (-0.02 - 0.01)	0.710	0.673	FALSE
RhE	ee	MCP 1	-0.02 (-0.06 - 0.02)	0.406	0.673	FALSE
RhE	Ee	MCP 2	0.01 (-0.01 - 0.03)	0.305	0.000	FALSE
RhE	ee	MCP 2	0.09 (0.05 - 0.13)	0.000	0.000	FALSE
RhE	Ee	MCP 4	0.01 (-0.02 - 0.04)	0.687	0.919	FALSE
RhE	ee	MCP 4	0.01 (-0.08 - 0.09)	0.910	0.919	FALSE
RhE	Ee	MDC	-0.00 (-0.02 - 0.01)	0.778	0.934	FALSE
RhE	ee	MDC	-0.01 (-0.06 - 0.05)	0.799	0.934	FALSE
RhE	Ee	MIP 1B	0.02 (-0.01 - 0.04)	0.187	0.231	FALSE
RhE	ee	MIP 1B	0.05 (-0.03 - 0.14)	0.233	0.231	FALSE
RhE	Ee	MIP 1D	0.02 (-0.00 - 0.04)	0.104	0.245	FALSE
RhE	ee	MIP 1D	-0.01 (-0.06 - 0.05)	0.775	0.245	FALSE

RhE	Ee	PAI 1	-0.02 (-0.04 - 0.01)	0.162	0.007	FALSE
RhE	ee	PAI 1	-0.11 (-0.19 - -0.04)	0.003	0.007	FALSE
RhE	Ee	PP	-0.07 (-0.15 - 0.01)	0.098	0.074	FALSE
RhE	ee	PP	0.14 (-0.05 - 0.32)	0.151	0.074	FALSE
RhE	Ee	RESISTIN	-0.01 (-0.04 - 0.03)	0.666	0.001	FALSE
RhE	ee	RESISTIN	-0.22 (-0.33 - -0.11)	0.000	0.001	FALSE
RhE	Ee	SAA	-0.02 (-0.06 - 0.02)	0.316	0.583	FALSE
RhE	ee	SAA	-0.03 (-0.18 - 0.12)	0.731	0.583	FALSE
RhE	Ee	SAP	-0.01 (-0.02 - 0.00)	0.179	0.282	FALSE
RhE	ee	SAP	0.01 (-0.03 - 0.05)	0.470	0.282	FALSE
RhE	Ee	SDF 1A B	0.01 (-0.01 - 0.02)	0.240	0.370	FALSE
RhE	ee	SDF 1A B	0.02 (-0.03 - 0.08)	0.389	0.370	FALSE
RhE	Ee	SEGFR	0.01 (-0.00 - 0.01)	0.130	0.272	FALSE
RhE	ee	SEGFR	0.01 (-0.01 - 0.03)	0.496	0.272	FALSE
RhE	Ee	SGP130	0.00 (-0.01 - 0.01)	0.492	0.643	FALSE
RhE	ee	SGP130	-0.01 (-0.04 - 0.02)	0.556	0.643	FALSE
RhE	Ee	SIL4R	-0.00 (-0.02 - 0.01)	0.879	0.773	FALSE
RhE	ee	SIL4R	-0.02 (-0.08 - 0.04)	0.479	0.773	FALSE
RhE	Ee	SIL6R	0.01 (-0.00 - 0.02)	0.254	0.504	FALSE
RhE	ee	SIL6R	0.01 (-0.04 - 0.05)	0.742	0.504	FALSE
RhE	Ee	SILRII	0.02 (0.00 - 0.03)	0.014	0.019	FALSE
RhE	ee	SILRII	-0.04 (-0.10 - 0.02)	0.220	0.019	FALSE
RhE	Ee	STNFRI	0.01 (-0.00 - 0.02)	0.133	0.278	FALSE
RhE	ee	STNFRI	-0.01 (-0.04 - 0.03)	0.671	0.278	FALSE
RhE	Ee	STNFRII	0.01 (-0.01 - 0.02)	0.363	0.356	FALSE
RhE	ee	STNFRII	-0.02 (-0.06 - 0.02)	0.291	0.356	FALSE
RhE	Ee	SVEGFR2	0.00 (-0.01 - 0.01)	0.583	0.856	FALSE
RhE	ee	SVEGFR2	-0.00 (-0.03 - 0.03)	0.954	0.856	FALSE
RhE	Ee	SVEGFR3	0.02 (-0.01 - 0.05)	0.193	0.370	FALSE
RhE	ee	SVEGFR3	-0.02 (-0.11 - 0.07)	0.655	0.370	FALSE
RhE	Ee	TARC	0.01 (-0.01 - 0.04)	0.319	0.606	FALSE
RhE	ee	TARC	0.01 (-0.08 - 0.10)	0.878	0.606	FALSE
RhE	Ee	TGF A	-0.00 (-0.05 - 0.04)	0.958	0.832	FALSE
RhE	ee	TGF A	-0.05 (-0.22 - 0.11)	0.545	0.832	FALSE
RhE	Ee	TGF B1	0.02 (-0.03 - 0.07)	0.413	0.004	FALSE
RhE	ee	TGF B1	-0.06 (-0.10 - -0.01)	0.010	0.004	FALSE
RhE	Ee	TNFA	-0.00 (-0.02 - 0.02)	0.928	0.982	FALSE
RhE	ee	TNFA	-0.01 (-0.07 - 0.06)	0.862	0.982	FALSE
RhE	Ee	TPO	-0.04 (-0.10 - 0.02)	0.231	0.488	FALSE
RhE	ee	TPO	-0.01 (-0.25 - 0.23)	0.952	0.488	FALSE
RhE	Ee	TRAIL	0.00 (-0.02 - 0.02)	0.800	0.780	FALSE
RhE	ee	TRAIL	0.02 (-0.04 - 0.08)	0.500	0.780	FALSE
RhE	Ee	VEGF	-0.02 (-0.07 - 0.04)	0.499	0.685	FALSE
RhE	ee	VEGF	0.05 (-0.13 - 0.22)	0.613	0.685	FALSE
RhE	Ee	X6CKINE	-0.00 (-0.03 - 0.03)	0.882	0.920	FALSE
RhE	ee	X6CKINE	0.02 (-0.08 - 0.12)	0.712	0.920	FALSE
Kidd	JkA+B+	ADIPONECTIN	0.01 (-0.03 - 0.04)	0.662	0.523	FALSE
Kidd	JkA-B+	ADIPONECTIN	-0.01 (-0.06 - 0.03)	0.602	0.523	FALSE
Kidd	JkA+B+	ADIPSIN	0.01 (-0.01 - 0.03)	0.349	0.190	FALSE
Kidd	JkA-B+	ADIPSIN	0.02 (-0.00 - 0.05)	0.081	0.190	FALSE
Kidd	JkA+B+	AMYLIN	-0.08 (-0.16 - 0.00)	0.064	0.180	FALSE
Kidd	JkA-B+	AMYLIN	-0.05 (-0.14 - 0.05)	0.348	0.180	FALSE
Kidd	JkA+B+	BCA 1	-0.01 (-0.03 - 0.01)	0.171	0.376	FALSE
Kidd	JkA-B+	BCA 1	-0.00 (-0.03 - 0.02)	0.646	0.376	FALSE
Kidd	JkA+B+	C PEPTIDE	-0.01 (-0.05 - 0.03)	0.519	0.678	FALSE
Kidd	JkA-B+	C PEPTIDE	0.00 (-0.05 - 0.06)	0.855	0.678	FALSE
Kidd	JkA+B+	CCL19 MIP3B	0.01 (-0.01 - 0.02)	0.588	0.379	FALSE
Kidd	JkA-B+	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.172	0.379	FALSE
Kidd	JkA+B+	CCL20 MIP3A	-0.01 (-0.05 - 0.02)	0.462	0.135	FALSE

Kidd	JkA-B+	CCL20 MIP3A	0.02 (-0.02 - 0.06)	0.245	0.135	FALSE
Kidd	JkA+B+	CRP	-0.01 (-0.05 - 0.03)	0.602	0.521	FALSE
Kidd	JkA-B+	CRP	0.01 (-0.03 - 0.06)	0.589	0.521	FALSE
Kidd	JkA+B+	CTACK	-0.01 (-0.02 - 0.00)	0.260	0.528	FALSE
Kidd	JkA-B+	CTACK	-0.00 (-0.01 - 0.01)	0.586	0.528	FALSE
Kidd	JkA+B+	CXCL11 I TAC	0.00 (-0.02 - 0.02)	0.872	0.128	FALSE
Kidd	JkA-B+	CXCL11 I TAC	0.02 (-0.00 - 0.05)	0.079	0.128	FALSE
Kidd	JkA+B+	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.855	0.689	FALSE
Kidd	JkA-B+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.434	0.689	FALSE
Kidd	JkA+B+	CXCL9 MIG	0.01 (-0.01 - 0.03)	0.541	0.021	FALSE
Kidd	JkA-B+	CXCL9 MIG	0.03 (0.01 - 0.06)	0.010	0.021	FALSE
Kidd	JkA+B+	EGF	-0.02 (-0.06 - 0.02)	0.265	0.153	FALSE
Kidd	JkA-B+	EGF	-0.04 (-0.08 - 0.00)	0.053	0.153	FALSE
Kidd	JkA+B+	ENA 78	-0.00 (-0.02 - 0.02)	0.762	0.934	FALSE
Kidd	JkA-B+	ENA 78	-0.00 (-0.02 - 0.02)	0.997	0.934	FALSE
Kidd	JkA+B+	EOTAXIN 2	0.01 (-0.01 - 0.04)	0.276	0.443	FALSE
Kidd	JkA-B+	EOTAXIN 2	0.02 (-0.01 - 0.05)	0.237	0.443	FALSE
Kidd	JkA+B+	EOTAXIN	-0.00 (-0.02 - 0.01)	0.917	0.341	FALSE
Kidd	JkA-B+	EOTAXIN	-0.01 (-0.03 - 0.01)	0.188	0.341	FALSE
Kidd	JkA+B+	G CSF	0.00 (-0.03 - 0.03)	0.997	0.968	FALSE
Kidd	JkA-B+	G CSF	0.00 (-0.03 - 0.04)	0.831	0.968	FALSE
Kidd	JkA+B+	GIP	-0.01 (-0.07 - 0.06)	0.871	0.829	FALSE
Kidd	JkA-B+	GIP	-0.02 (-0.10 - 0.05)	0.557	0.829	FALSE
Kidd	JkA+B+	GRO	-0.01 (-0.02 - 0.00)	0.079	0.204	FALSE
Kidd	JkA-B+	GRO	-0.01 (-0.02 - 0.01)	0.244	0.204	FALSE
Kidd	JkA+B+	IL 13	0.10 (-0.38 - 0.58)	0.682	0.622	FALSE
Kidd	JkA-B+	IL 13	0.21 (-0.22 - 0.65)	0.339	0.622	FALSE
Kidd	JkA+B+	IL 16	-0.02 (-0.06 - 0.03)	0.494	0.660	FALSE
Kidd	JkA-B+	IL 16	-0.02 (-0.08 - 0.03)	0.380	0.660	FALSE
Kidd	JkA+B+	IL 17	-0.05 (-0.17 - 0.06)	0.361	0.657	FALSE
Kidd	JkA-B+	IL 17	-0.04 (-0.17 - 0.09)	0.565	0.657	FALSE
Kidd	JkA+B+	IL 23	0.12 (-0.61 - 0.84)	0.754	0.175	FALSE
Kidd	JkA-B+	IL 23	-0.62 (-1.29 - 0.04)	0.064	0.175	FALSE
Kidd	JkA+B+	IL 8	-0.01 (-0.04 - 0.02)	0.578	0.809	FALSE
Kidd	JkA-B+	IL 8	0.00 (-0.03 - 0.03)	0.999	0.809	FALSE
Kidd	JkA+B+	INSULIN	-0.04 (-0.10 - 0.02)	0.157	0.367	FALSE
Kidd	JkA-B+	INSULIN	-0.02 (-0.09 - 0.05)	0.535	0.367	FALSE
Kidd	JkA+B+	IP 10	0.00 (-0.01 - 0.02)	0.542	0.358	FALSE
Kidd	JkA-B+	IP 10	0.01 (-0.01 - 0.03)	0.154	0.358	FALSE
Kidd	JkA+B+	LEPTIN	-0.02 (-0.07 - 0.03)	0.491	0.683	FALSE
Kidd	JkA-B+	LEPTIN	-0.03 (-0.11 - 0.05)	0.429	0.683	FALSE
Kidd	JkA+B+	LIPOCALIN 2 NGAL	-0.00 (-0.04 - 0.04)	0.968	0.947	FALSE
Kidd	JkA-B+	LIPOCALIN 2 NGAL	-0.01 (-0.06 - 0.04)	0.755	0.947	FALSE
Kidd	JkA+B+	MCP 1	-0.01 (-0.02 - 0.00)	0.067	0.112	FALSE
Kidd	JkA-B+	MCP 1	-0.00 (-0.02 - 0.01)	0.885	0.112	FALSE
Kidd	JkA+B+	MCP 2	0.00 (-0.02 - 0.02)	0.915	0.007	FALSE
Kidd	JkA-B+	MCP 2	-0.03 (-0.06 - -0.01)	0.008	0.007	FALSE
Kidd	JkA+B+	MCP 4	-0.02 (-0.04 - 0.01)	0.261	0.383	FALSE
Kidd	JkA-B+	MCP 4	-0.02 (-0.05 - 0.01)	0.199	0.383	FALSE
Kidd	JkA+B+	MDC	-0.01 (-0.03 - -0.00)	0.032	0.065	FALSE
Kidd	JkA-B+	MDC	-0.00 (-0.02 - 0.01)	0.863	0.065	FALSE
Kidd	JkA+B+	MIP 1B	-0.01 (-0.03 - 0.02)	0.670	0.805	FALSE
Kidd	JkA-B+	MIP 1B	0.00 (-0.02 - 0.03)	0.852	0.805	FALSE
Kidd	JkA+B+	MIP 1D	-0.01 (-0.03 - 0.01)	0.317	0.563	FALSE
Kidd	JkA-B+	MIP 1D	-0.01 (-0.03 - 0.01)	0.384	0.563	FALSE
Kidd	JkA+B+	PAI 1	0.02 (-0.01 - 0.04)	0.148	0.068	FALSE
Kidd	JkA-B+	PAI 1	0.03 (0.00 - 0.05)	0.020	0.068	FALSE
Kidd	JkA+B+	PP	-0.01 (-0.08 - 0.06)	0.784	0.523	FALSE
Kidd	JkA-B+	PP	0.03 (-0.05 - 0.11)	0.425	0.523	FALSE

Kidd	JkA+B+	RESISTIN	-0.01 (-0.03 - 0.02)	0.716	0.921	FALSE
Kidd	JkA-B+	RESISTIN	-0.00 (-0.03 - 0.03)	0.964	0.921	FALSE
Kidd	JkA+B+	SAA	0.00 (-0.04 - 0.04)	0.950	0.984	FALSE
Kidd	JkA-B+	SAA	-0.00 (-0.05 - 0.04)	0.913	0.984	FALSE
Kidd	JkA+B+	SAP	-0.01 (-0.02 - 0.01)	0.413	0.568	FALSE
Kidd	JkA-B+	SAP	0.00 (-0.01 - 0.02)	0.837	0.568	FALSE
Kidd	JkA+B+	SDF 1A B	-0.01 (-0.02 - 0.01)	0.365	0.090	FALSE
Kidd	JkA-B+	SDF 1A B	-0.02 (-0.03 - -0.00)	0.029	0.090	FALSE
Kidd	JkA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.885	0.665	FALSE
Kidd	JkA-B+	SEGFR	0.00 (-0.00 - 0.01)	0.404	0.665	FALSE
Kidd	JkA+B+	SGP130	-0.00 (-0.01 - 0.01)	0.778	0.336	FALSE
Kidd	JkA-B+	SGP130	0.01 (-0.00 - 0.02)	0.291	0.336	FALSE
Kidd	JkA+B+	SIL4R	-0.00 (-0.02 - 0.01)	0.548	0.409	FALSE
Kidd	JkA-B+	SIL4R	0.01 (-0.01 - 0.02)	0.448	0.409	FALSE
Kidd	JkA+B+	SIL6R	0.00 (-0.01 - 0.01)	0.836	0.641	FALSE
Kidd	JkA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.377	0.641	FALSE
Kidd	JkA+B+	SILRII	-0.01 (-0.02 - 0.01)	0.282	0.059	FALSE
Kidd	JkA-B+	SILRII	0.01 (-0.01 - 0.02)	0.260	0.059	FALSE
Kidd	JkA+B+	STNFRI	-0.01 (-0.02 - -0.00)	0.036	0.110	FALSE
Kidd	JkA-B+	STNFRI	-0.01 (-0.02 - 0.00)	0.213	0.110	FALSE
Kidd	JkA+B+	STNFRII	-0.01 (-0.02 - 0.00)	0.083	0.096	FALSE
Kidd	JkA-B+	STNFRII	0.00 (-0.01 - 0.01)	0.980	0.096	FALSE
Kidd	JkA+B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.644	0.112	FALSE
Kidd	JkA-B+	SVEGFR2	0.01 (0.00 - 0.02)	0.046	0.112	FALSE
Kidd	JkA+B+	SVEGFR3	-0.03 (-0.06 - -0.01)	0.009	0.013	FALSE
Kidd	JkA-B+	SVEGFR3	-0.00 (-0.03 - 0.03)	0.804	0.013	FALSE
Kidd	JkA+B+	TARC	-0.01 (-0.03 - 0.01)	0.472	0.581	FALSE
Kidd	JkA-B+	TARC	0.00 (-0.02 - 0.03)	0.814	0.581	FALSE
Kidd	JkA+B+	TGF A	0.04 (-0.00 - 0.08)	0.081	0.153	FALSE
Kidd	JkA-B+	TGF A	0.01 (-0.04 - 0.05)	0.778	0.153	FALSE
Kidd	JkA+B+	TGF B1	-0.04 (-0.08 - 0.01)	0.088	0.006	FALSE
Kidd	JkA-B+	TGF B1	0.03 (-0.02 - 0.07)	0.248	0.006	FALSE
Kidd	JkA+B+	TNFA	0.00 (-0.01 - 0.02)	0.787	0.795	FALSE
Kidd	JkA-B+	TNFA	0.01 (-0.01 - 0.03)	0.500	0.795	FALSE
Kidd	JkA+B+	TPO	0.01 (-0.04 - 0.07)	0.634	0.503	FALSE
Kidd	JkA-B+	TPO	-0.02 (-0.08 - 0.04)	0.532	0.503	FALSE
Kidd	JkA+B+	TRAIL	-0.00 (-0.02 - 0.02)	0.797	0.420	FALSE
Kidd	JkA-B+	TRAIL	0.01 (-0.01 - 0.03)	0.361	0.420	FALSE
Kidd	JkA+B+	VEGF	-0.01 (-0.06 - 0.04)	0.691	0.915	FALSE
Kidd	JkA-B+	VEGF	-0.00 (-0.06 - 0.05)	0.922	0.915	FALSE
Kidd	JkA+B+	X6CKINE	-0.05 (-0.08 - -0.02)	0.001	0.002	FALSE
Kidd	JkA-B+	X6CKINE	-0.02 (-0.05 - 0.02)	0.355	0.002	FALSE
Aub	AuA-B+	ADIPONECTIN	-0.01 (-0.06 - 0.05)	0.853	0.473	FALSE
Aub	AuA+B+	ADIPONECTIN	-0.02 (-0.05 - 0.01)	0.222	0.473	FALSE
Aub	AuA-B+	ADIPSIN	-0.01 (-0.04 - 0.02)	0.462	0.757	FALSE
Aub	AuA+B+	ADIPSIN	-0.00 (-0.02 - 0.02)	0.753	0.757	FALSE
Aub	AuA-B+	AMYLIN	0.00 (-0.14 - 0.15)	0.963	0.449	FALSE
Aub	AuA+B+	AMYLIN	-0.05 (-0.13 - 0.03)	0.224	0.449	FALSE
Aub	AuA-B+	BCA 1	0.01 (-0.02 - 0.04)	0.511	0.413	FALSE
Aub	AuA+B+	BCA 1	0.01 (-0.01 - 0.03)	0.201	0.413	FALSE
Aub	AuA-B+	C PEPTIDE	-0.02 (-0.10 - 0.07)	0.658	0.774	FALSE
Aub	AuA+B+	C PEPTIDE	0.01 (-0.03 - 0.05)	0.641	0.774	FALSE
Aub	AuA-B+	CCL19 MIP3B	0.00 (-0.03 - 0.04)	0.775	0.447	FALSE
Aub	AuA+B+	CCL19 MIP3B	0.01 (-0.01 - 0.03)	0.204	0.447	FALSE
Aub	AuA-B+	CCL20 MIP3A	0.01 (-0.05 - 0.07)	0.811	0.251	FALSE
Aub	AuA+B+	CCL20 MIP3A	-0.02 (-0.05 - 0.01)	0.123	0.251	FALSE
Aub	AuA-B+	CRP	0.06 (0.00 - 0.12)	0.035	0.108	FALSE
Aub	AuA+B+	CRP	0.01 (-0.03 - 0.04)	0.725	0.108	FALSE
Aub	AuA-B+	CTACK	-0.00 (-0.02 - 0.01)	0.677	0.439	FALSE

Aub	AuA+B+	CTACK	0.01 (-0.00 - 0.02)	0.282	0.439	FALSE
Aub	AuA-B+	CXCL11 I TAC	-0.03 (-0.07 - 0.01)	0.206	0.281	FALSE
Aub	AuA+B+	CXCL11 I TAC	0.01 (-0.01 - 0.03)	0.487	0.281	FALSE
Aub	AuA-B+	CXCL6 GCP2	0.01 (-0.02 - 0.04)	0.480	0.125	FALSE
Aub	AuA+B+	CXCL6 GCP2	0.01 (0.00 - 0.03)	0.043	0.125	FALSE
Aub	AuA-B+	CXCL9 MIG	-0.02 (-0.05 - 0.02)	0.323	0.516	FALSE
Aub	AuA+B+	CXCL9 MIG	-0.01 (-0.03 - 0.01)	0.410	0.516	FALSE
Aub	AuA-B+	EGF	-0.01 (-0.08 - 0.05)	0.676	0.023	FALSE
Aub	AuA+B+	EGF	0.04 (0.01 - 0.08)	0.011	0.023	FALSE
Aub	AuA-B+	ENA 78	0.01 (-0.02 - 0.04)	0.566	0.767	FALSE
Aub	AuA+B+	ENA 78	0.00 (-0.01 - 0.02)	0.575	0.767	FALSE
Aub	AuA-B+	EOTAXIN 2	0.02 (-0.02 - 0.06)	0.307	0.508	FALSE
Aub	AuA+B+	EOTAXIN 2	-0.00 (-0.03 - 0.02)	0.752	0.508	FALSE
Aub	AuA-B+	EOTAXIN	0.02 (-0.00 - 0.05)	0.100	0.259	FALSE
Aub	AuA+B+	EOTAXIN	0.00 (-0.01 - 0.02)	0.696	0.259	FALSE
Aub	AuA-B+	G CSF	-0.03 (-0.08 - 0.02)	0.204	0.392	FALSE
Aub	AuA+B+	G CSF	-0.01 (-0.04 - 0.01)	0.408	0.392	FALSE
Aub	AuA-B+	GIP	0.02 (-0.09 - 0.13)	0.673	0.823	FALSE
Aub	AuA+B+	GIP	-0.01 (-0.07 - 0.05)	0.750	0.823	FALSE
Aub	AuA-B+	GRO	0.01 (-0.01 - 0.04)	0.182	0.380	FALSE
Aub	AuA+B+	GRO	0.00 (-0.01 - 0.02)	0.459	0.380	FALSE
Aub	AuA-B+	IL 13	-0.15 (-1.18 - 0.88)	0.772	0.229	FALSE
Aub	AuA+B+	IL 13	-0.33 (-0.73 - 0.06)	0.101	0.229	FALSE
Aub	AuA-B+	IL 16	-0.02 (-0.09 - 0.06)	0.650	0.860	FALSE
Aub	AuA+B+	IL 16	0.00 (-0.04 - 0.05)	0.854	0.860	FALSE
Aub	AuA-B+	IL 17	-0.02 (-0.19 - 0.15)	0.859	0.904	FALSE
Aub	AuA+B+	IL 17	0.02 (-0.09 - 0.12)	0.730	0.904	FALSE
Aub	AuA-B+	IL 23	-0.12 (-1.60 - 1.36)	0.870	0.885	FALSE
Aub	AuA+B+	IL 23	0.14 (-0.45 - 0.73)	0.647	0.885	FALSE
Aub	AuA-B+	IL 8	-0.00 (-0.05 - 0.05)	0.942	0.457	FALSE
Aub	AuA+B+	IL 8	0.02 (-0.01 - 0.04)	0.231	0.457	FALSE
Aub	AuA-B+	INSULIN	-0.00 (-0.10 - 0.09)	0.955	0.867	FALSE
Aub	AuA+B+	INSULIN	-0.01 (-0.07 - 0.04)	0.597	0.867	FALSE
Aub	AuA-B+	IP 10	-0.02 (-0.04 - 0.01)	0.200	0.385	FALSE
Aub	AuA+B+	IP 10	-0.01 (-0.02 - 0.01)	0.417	0.385	FALSE
Aub	AuA-B+	LEPTIN	-0.06 (-0.16 - 0.05)	0.302	0.316	FALSE
Aub	AuA+B+	LEPTIN	0.02 (-0.03 - 0.08)	0.399	0.316	FALSE
Aub	AuA-B+	LIPOCALIN 2 NGAL	-0.03 (-0.13 - 0.07)	0.585	0.772	FALSE
Aub	AuA+B+	LIPOCALIN 2 NGAL	0.01 (-0.03 - 0.04)	0.701	0.772	FALSE
Aub	AuA-B+	MCP 1	0.00 (-0.02 - 0.03)	0.687	0.793	FALSE
Aub	AuA+B+	MCP 1	0.00 (-0.01 - 0.01)	0.526	0.793	FALSE
Aub	AuA-B+	MCP 2	0.01 (-0.03 - 0.04)	0.592	0.797	FALSE
Aub	AuA+B+	MCP 2	0.00 (-0.01 - 0.02)	0.599	0.797	FALSE
Aub	AuA-B+	MCP 4	-0.01 (-0.07 - 0.04)	0.572	0.830	FALSE
Aub	AuA+B+	MCP 4	-0.00 (-0.03 - 0.02)	0.730	0.830	FALSE
Aub	AuA-B+	MDC	0.01 (-0.01 - 0.03)	0.590	0.864	FALSE
Aub	AuA+B+	MDC	0.00 (-0.01 - 0.01)	0.857	0.864	FALSE
Aub	AuA-B+	MIP 1B	-0.01 (-0.06 - 0.03)	0.617	0.740	FALSE
Aub	AuA+B+	MIP 1B	-0.01 (-0.03 - 0.01)	0.495	0.740	FALSE
Aub	AuA-B+	MIP 1D	-0.02 (-0.06 - 0.01)	0.202	0.395	FALSE
Aub	AuA+B+	MIP 1D	-0.01 (-0.02 - 0.01)	0.476	0.395	FALSE
Aub	AuA-B+	PAI 1	-0.01 (-0.05 - 0.02)	0.495	0.635	FALSE
Aub	AuA+B+	PAI 1	0.00 (-0.01 - 0.02)	0.610	0.635	FALSE
Aub	AuA-B+	PP	0.04 (-0.07 - 0.16)	0.470	0.158	FALSE
Aub	AuA+B+	PP	0.06 (-0.00 - 0.12)	0.056	0.158	FALSE
Aub	AuA-B+	RESISTIN	-0.01 (-0.06 - 0.04)	0.693	0.262	FALSE
Aub	AuA+B+	RESISTIN	0.02 (-0.01 - 0.04)	0.140	0.262	FALSE
Aub	AuA-B+	SAA	0.02 (-0.05 - 0.08)	0.556	0.397	FALSE
Aub	AuA+B+	SAA	-0.02 (-0.05 - 0.02)	0.291	0.397	FALSE

Aub	AuA-B+	SAP	0.01 (-0.01 - 0.03)	0.325	0.396	FALSE
Aub	AuA+B+	SAP	-0.00 (-0.02 - 0.01)	0.532	0.396	FALSE
Aub	AuA-B+	SDF 1A B	-0.00 (-0.03 - 0.02)	0.843	0.980	FALSE
Aub	AuA+B+	SDF 1A B	-0.00 (-0.01 - 0.01)	0.989	0.980	FALSE
Aub	AuA-B+	SEGFR	-0.00 (-0.01 - 0.01)	0.950	0.898	FALSE
Aub	AuA+B+	SEGFR	0.00 (-0.01 - 0.01)	0.662	0.898	FALSE
Aub	AuA-B+	SGP130	-0.00 (-0.02 - 0.01)	0.520	0.788	FALSE
Aub	AuA+B+	SGP130	0.00 (-0.01 - 0.01)	0.927	0.788	FALSE
Aub	AuA-B+	SIL4R	-0.02 (-0.05 - -0.00)	0.033	0.048	FALSE
Aub	AuA+B+	SIL4R	0.00 (-0.01 - 0.02)	0.479	0.048	FALSE
Aub	AuA-B+	SIL6R	-0.00 (-0.02 - 0.02)	0.998	0.945	FALSE
Aub	AuA+B+	SIL6R	-0.00 (-0.01 - 0.01)	0.742	0.945	FALSE
Aub	AuA-B+	SILRII	-0.02 (-0.04 - 0.01)	0.179	0.405	FALSE
Aub	AuA+B+	SILRII	-0.00 (-0.01 - 0.01)	0.814	0.405	FALSE
Aub	AuA-B+	STNFRI	0.01 (-0.01 - 0.03)	0.527	0.819	FALSE
Aub	AuA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.879	0.819	FALSE
Aub	AuA-B+	STNFRII	0.00 (-0.02 - 0.02)	0.884	0.672	FALSE
Aub	AuA+B+	STNFRII	0.00 (-0.01 - 0.01)	0.373	0.672	FALSE
Aub	AuA-B+	SVEGFR2	-0.01 (-0.02 - 0.01)	0.362	0.290	FALSE
Aub	AuA+B+	SVEGFR2	-0.01 (-0.02 - 0.00)	0.143	0.290	FALSE
Aub	AuA-B+	SVEGFR3	-0.00 (-0.04 - 0.04)	0.964	0.483	FALSE
Aub	AuA+B+	SVEGFR3	-0.01 (-0.04 - 0.01)	0.237	0.483	FALSE
Aub	AuA-B+	TARC	0.01 (-0.02 - 0.05)	0.446	0.581	FALSE
Aub	AuA+B+	TARC	0.01 (-0.01 - 0.03)	0.381	0.581	FALSE
Aub	AuA-B+	TGF A	0.02 (-0.04 - 0.09)	0.498	0.345	FALSE
Aub	AuA+B+	TGF A	0.03 (-0.01 - 0.06)	0.154	0.345	FALSE
Aub	AuA-B+	TGF B1	-0.00 (-0.08 - 0.08)	0.994	0.651	FALSE
Aub	AuA+B+	TGF B1	-0.02 (-0.05 - 0.02)	0.363	0.651	FALSE
Aub	AuA-B+	TNFA	0.01 (-0.02 - 0.04)	0.412	0.685	FALSE
Aub	AuA+B+	TNFA	-0.00 (-0.02 - 0.01)	0.950	0.685	FALSE
Aub	AuA-B+	TPO	-0.03 (-0.12 - 0.06)	0.518	0.080	FALSE
Aub	AuA+B+	TPO	0.05 (-0.00 - 0.10)	0.055	0.080	FALSE
Aub	AuA-B+	TRAIL	-0.03 (-0.06 - 0.01)	0.142	0.293	FALSE
Aub	AuA+B+	TRAIL	-0.01 (-0.02 - 0.01)	0.396	0.293	FALSE
Aub	AuA-B+	VEGF	0.05 (-0.03 - 0.14)	0.245	0.327	FALSE
Aub	AuA+B+	VEGF	0.03 (-0.02 - 0.07)	0.238	0.327	FALSE
Aub	AuA-B+	X6CKINE	0.00 (-0.05 - 0.06)	0.895	0.784	FALSE
Aub	AuA+B+	X6CKINE	-0.01 (-0.04 - 0.02)	0.523	0.784	FALSE
Duffy	FYA+B+	ADIPONECTIN	-0.03 (-0.07 - 0.01)	0.201	0.321	FALSE
Duffy	FYA-B+	ADIPONECTIN	-0.01 (-0.05 - 0.04)	0.783	0.321	FALSE
Duffy	FYA+B+	ADIPSIN	-0.01 (-0.03 - 0.01)	0.360	0.446	FALSE
Duffy	FYA-B+	ADIPSIN	0.00 (-0.02 - 0.02)	0.982	0.446	FALSE
Duffy	FYA+B+	AMYLIN	-0.08 (-0.18 - 0.02)	0.113	0.244	FALSE
Duffy	FYA-B+	AMYLIN	-0.03 (-0.14 - 0.07)	0.558	0.244	FALSE
Duffy	FYA+B+	BCA 1	-0.01 (-0.03 - 0.01)	0.442	0.544	FALSE
Duffy	FYA-B+	BCA 1	-0.01 (-0.03 - 0.01)	0.271	0.544	FALSE
Duffy	FYA+B+	C PEPTIDE	-0.01 (-0.06 - 0.04)	0.776	0.802	FALSE
Duffy	FYA-B+	C PEPTIDE	0.01 (-0.05 - 0.06)	0.793	0.802	FALSE
Duffy	FYA+B+	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.383	0.351	FALSE
Duffy	FYA-B+	CCL19 MIP3B	-0.02 (-0.04 - 0.01)	0.149	0.351	FALSE
Duffy	FYA+B+	CCL20 MIP3A	-0.02 (-0.06 - 0.02)	0.375	0.661	FALSE
Duffy	FYA-B+	CCL20 MIP3A	-0.02 (-0.06 - 0.03)	0.463	0.661	FALSE
Duffy	FYA+B+	CRP	-0.01 (-0.05 - 0.03)	0.605	0.872	FALSE
Duffy	FYA-B+	CRP	-0.01 (-0.05 - 0.04)	0.704	0.872	FALSE
Duffy	FYA+B+	CTACK	-0.01 (-0.02 - 0.00)	0.143	0.235	FALSE
Duffy	FYA-B+	CTACK	-0.00 (-0.01 - 0.01)	0.864	0.235	FALSE
Duffy	FYA+B+	CXCL11 I TAC	0.01 (-0.01 - 0.04)	0.277	0.008	FALSE
Duffy	FYA-B+	CXCL11 I TAC	0.04 (0.01 - 0.07)	0.003	0.008	FALSE
Duffy	FYA+B+	CXCL6 GCP2	0.04 (0.02 - 0.06)	0.000	0.000	TRUE

Duffy	FYA-B+	CXCL6 GCP2	0.09 (0.07 - 0.11)	0.000	0.000	TRUE
Duffy	FYA+B+	CXCL9 MIG	0.00 (-0.02 - 0.03)	0.800	0.859	FALSE
Duffy	FYA-B+	CXCL9 MIG	-0.00 (-0.03 - 0.02)	0.826	0.859	FALSE
Duffy	FYA+B+	EGF	-0.03 (-0.07 - 0.01)	0.185	0.373	FALSE
Duffy	FYA-B+	EGF	-0.03 (-0.07 - 0.02)	0.234	0.373	FALSE
Duffy	FYA+B+	ENA 78	0.02 (-0.00 - 0.04)	0.054	0.000	TRUE
Duffy	FYA-B+	ENA 78	0.10 (0.08 - 0.13)	0.000	0.000	TRUE
Duffy	FYA+B+	EOTAXIN 2	-0.01 (-0.04 - 0.02)	0.555	0.029	FALSE
Duffy	FYA-B+	EOTAXIN 2	0.02 (-0.00 - 0.05)	0.104	0.029	FALSE
Duffy	FYA+B+	EOTAXIN	0.08 (0.06 - 0.10)	0.000	0.000	TRUE
Duffy	FYA-B+	EOTAXIN	0.17 (0.15 - 0.19)	0.000	0.000	TRUE
Duffy	FYA+B+	G CSF	0.01 (-0.02 - 0.04)	0.543	0.157	FALSE
Duffy	FYA-B+	G CSF	-0.02 (-0.05 - 0.02)	0.294	0.157	FALSE
Duffy	FYA+B+	GIP	-0.02 (-0.09 - 0.06)	0.675	0.791	FALSE
Duffy	FYA-B+	GIP	0.00 (-0.08 - 0.09)	0.914	0.791	FALSE
Duffy	FYA+B+	GRO	0.03 (0.01 - 0.04)	0.000	0.000	TRUE
Duffy	FYA-B+	GRO	0.09 (0.07 - 0.10)	0.000	0.000	TRUE
Duffy	FYA+B+	IL 13	-0.99 (-1.79 - -0.19)	0.015	0.112	FALSE
Duffy	FYA-B+	IL 13	-0.45 (-0.92 - 0.03)	0.064	0.112	FALSE
Duffy	FYA+B+	IL 16	0.02 (-0.04 - 0.07)	0.564	0.646	FALSE
Duffy	FYA-B+	IL 16	-0.01 (-0.06 - 0.05)	0.836	0.646	FALSE
Duffy	FYA+B+	IL 17	-0.16 (-0.29 - -0.02)	0.022	0.074	FALSE
Duffy	FYA-B+	IL 17	-0.12 (-0.26 - 0.03)	0.119	0.074	FALSE
Duffy	FYA+B+	IL 23	0.96 (0.48 - 1.43)	0.000	0.001	FALSE
Duffy	FYA-B+	IL 23	0.34 (-0.36 - 1.04)	0.344	0.001	FALSE
Duffy	FYA+B+	IL 8	0.04 (0.01 - 0.08)	0.010	0.000	FALSE
Duffy	FYA-B+	IL 8	0.07 (0.04 - 0.11)	0.000	0.000	FALSE
Duffy	FYA+B+	INSULIN	-0.04 (-0.11 - 0.02)	0.187	0.418	FALSE
Duffy	FYA-B+	INSULIN	-0.03 (-0.10 - 0.04)	0.388	0.418	FALSE
Duffy	FYA+B+	IP 10	-0.01 (-0.03 - 0.01)	0.326	0.617	FALSE
Duffy	FYA-B+	IP 10	-0.01 (-0.03 - 0.01)	0.545	0.617	FALSE
Duffy	FYA+B+	LEPTIN	-0.05 (-0.12 - 0.02)	0.152	0.252	FALSE
Duffy	FYA-B+	LEPTIN	-0.01 (-0.08 - 0.06)	0.774	0.252	FALSE
Duffy	FYA+B+	LIPOCALIN 2 NGAL	-0.04 (-0.09 - 0.01)	0.088	0.054	FALSE
Duffy	FYA-B+	LIPOCALIN 2 NGAL	0.01 (-0.03 - 0.05)	0.674	0.054	FALSE
Duffy	FYA+B+	MCP 1	0.08 (0.07 - 0.10)	0.000	0.000	TRUE
Duffy	FYA-B+	MCP 1	0.17 (0.15 - 0.18)	0.000	0.000	TRUE
Duffy	FYA+B+	MCP 2	-0.04 (-0.06 - -0.01)	0.001	0.001	FALSE
Duffy	FYA-B+	MCP 2	-0.04 (-0.07 - -0.02)	0.001	0.001	FALSE
Duffy	FYA+B+	MCP 4	0.09 (0.06 - 0.12)	0.000	0.000	TRUE
Duffy	FYA-B+	MCP 4	0.21 (0.18 - 0.24)	0.000	0.000	TRUE
Duffy	FYA+B+	MDC	0.01 (-0.00 - 0.02)	0.143	0.212	FALSE
Duffy	FYA-B+	MDC	0.00 (-0.02 - 0.02)	0.923	0.212	FALSE
Duffy	FYA+B+	MIP 1B	0.02 (-0.01 - 0.04)	0.220	0.121	FALSE
Duffy	FYA-B+	MIP 1B	0.03 (0.00 - 0.06)	0.040	0.121	FALSE
Duffy	FYA+B+	MIP 1D	0.00 (-0.02 - 0.02)	0.720	0.206	FALSE
Duffy	FYA-B+	MIP 1D	0.02 (-0.00 - 0.04)	0.120	0.206	FALSE
Duffy	FYA+B+	PAI 1	-0.01 (-0.03 - 0.01)	0.316	0.482	FALSE
Duffy	FYA-B+	PAI 1	-0.00 (-0.02 - 0.02)	0.937	0.482	FALSE
Duffy	FYA+B+	PP	0.02 (-0.06 - 0.10)	0.634	0.875	FALSE
Duffy	FYA-B+	PP	0.02 (-0.07 - 0.11)	0.634	0.875	FALSE
Duffy	FYA+B+	RESISTIN	-0.01 (-0.04 - 0.03)	0.717	0.039	FALSE
Duffy	FYA-B+	RESISTIN	0.03 (-0.01 - 0.06)	0.100	0.039	FALSE
Duffy	FYA+B+	SAA	-0.04 (-0.08 - 0.01)	0.082	0.196	FALSE
Duffy	FYA-B+	SAA	-0.04 (-0.09 - 0.01)	0.129	0.196	FALSE
Duffy	FYA+B+	SAP	-0.01 (-0.02 - 0.01)	0.344	0.350	FALSE
Duffy	FYA-B+	SAP	-0.01 (-0.02 - 0.00)	0.149	0.350	FALSE
Duffy	FYA+B+	SDF 1A B	-0.00 (-0.02 - 0.01)	0.875	0.286	FALSE
Duffy	FYA-B+	SDF 1A B	0.01 (-0.01 - 0.03)	0.266	0.286	FALSE

Duffy	FYA+B+	SEGFR	-0.00 (-0.01 - 0.01)	0.827	0.923	FALSE
Duffy	FYA-B+	SEGFR	-0.00 (-0.01 - 0.01)	0.691	0.923	FALSE
Duffy	FYA+B+	SGP130	0.00 (-0.01 - 0.01)	0.905	0.984	FALSE
Duffy	FYA-B+	SGP130	-0.00 (-0.01 - 0.01)	0.982	0.984	FALSE
Duffy	FYA+B+	SIL4R	0.01 (-0.01 - 0.02)	0.471	0.060	FALSE
Duffy	FYA-B+	SIL4R	0.02 (0.00 - 0.03)	0.027	0.060	FALSE
Duffy	FYA+B+	SIL6R	0.00 (-0.01 - 0.01)	0.585	0.675	FALSE
Duffy	FYA-B+	SIL6R	0.01 (-0.01 - 0.02)	0.376	0.675	FALSE
Duffy	FYA+B+	SILRII	-0.00 (-0.02 - 0.01)	0.812	0.934	FALSE
Duffy	FYA-B+	SILRII	-0.00 (-0.02 - 0.01)	0.712	0.934	FALSE
Duffy	FYA+B+	STNFRI	0.00 (-0.01 - 0.01)	0.935	0.924	FALSE
Duffy	FYA-B+	STNFRI	-0.00 (-0.02 - 0.01)	0.816	0.924	FALSE
Duffy	FYA+B+	STNFRII	0.00 (-0.01 - 0.01)	0.999	0.891	FALSE
Duffy	FYA-B+	STNFRII	-0.00 (-0.02 - 0.01)	0.720	0.891	FALSE
Duffy	FYA+B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.650	0.901	FALSE
Duffy	FYA-B+	SVEGFR2	0.00 (-0.01 - 0.01)	0.822	0.901	FALSE
Duffy	FYA+B+	SVEGFR3	0.03 (-0.00 - 0.05)	0.082	0.211	FALSE
Duffy	FYA-B+	SVEGFR3	0.02 (-0.01 - 0.05)	0.191	0.211	FALSE
Duffy	FYA+B+	TARC	0.03 (0.01 - 0.05)	0.008	0.000	TRUE
Duffy	FYA-B+	TARC	0.07 (0.05 - 0.10)	0.000	0.000	TRUE
Duffy	FYA+B+	TGF A	0.01 (-0.03 - 0.06)	0.624	0.424	FALSE
Duffy	FYA-B+	TGF A	-0.01 (-0.06 - 0.03)	0.546	0.424	FALSE
Duffy	FYA+B+	TGF B1	-0.01 (-0.06 - 0.04)	0.710	0.927	FALSE
Duffy	FYA-B+	TGF B1	-0.01 (-0.06 - 0.04)	0.740	0.927	FALSE
Duffy	FYA+B+	TNFA	0.00 (-0.02 - 0.02)	0.951	0.997	FALSE
Duffy	FYA-B+	TNFA	0.00 (-0.02 - 0.02)	0.994	0.997	FALSE
Duffy	FYA+B+	TPO	-0.05 (-0.11 - 0.02)	0.168	0.078	FALSE
Duffy	FYA-B+	TPO	-0.08 (-0.15 - -0.01)	0.024	0.078	FALSE
Duffy	FYA+B+	TRAIL	-0.01 (-0.03 - 0.01)	0.326	0.464	FALSE
Duffy	FYA-B+	TRAIL	-0.01 (-0.04 - 0.01)	0.229	0.464	FALSE
Duffy	FYA+B+	VEGF	0.02 (-0.04 - 0.07)	0.534	0.443	FALSE
Duffy	FYA-B+	VEGF	-0.01 (-0.07 - 0.05)	0.657	0.443	FALSE
Duffy	FYA+B+	X6CKINE	-0.01 (-0.04 - 0.03)	0.691	0.491	FALSE
Duffy	FYA-B+	X6CKINE	0.01 (-0.03 - 0.05)	0.571	0.491	FALSE
Lewis	LeA+	ADIPONECTIN	0.00 (-0.04 - 0.04)	0.967	0.967	FALSE
Lewis	LeA+	ADIPSIN	0.03 (0.00 - 0.05)	0.032	0.032	FALSE
Lewis	LeA+	AMYLIN	0.03 (-0.06 - 0.13)	0.495	0.495	FALSE
Lewis	LeA+	BCA 1	0.01 (-0.01 - 0.03)	0.530	0.530	FALSE
Lewis	LeA+	C PEPTIDE	0.01 (-0.04 - 0.06)	0.651	0.651	FALSE
Lewis	LeA+	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.143	0.144	FALSE
Lewis	LeA+	CCL20 MIP3A	-0.00 (-0.04 - 0.04)	0.993	0.993	FALSE
Lewis	LeA+	CRP	0.03 (-0.01 - 0.08)	0.148	0.148	FALSE
Lewis	LeA+	CTACK	0.02 (0.01 - 0.03)	0.001	0.001	FALSE
Lewis	LeA+	CXCL11 I TAC	-0.01 (-0.04 - 0.01)	0.385	0.385	FALSE
Lewis	LeA+	CXCL6 GCP2	-0.01 (-0.03 - 0.01)	0.202	0.202	FALSE
Lewis	LeA+	CXCL9 MIG	0.02 (0.00 - 0.05)	0.038	0.038	FALSE
Lewis	LeA+	EGF	-0.01 (-0.05 - 0.03)	0.567	0.567	FALSE
Lewis	LeA+	ENA 78	-0.02 (-0.04 - 0.01)	0.181	0.181	FALSE
Lewis	LeA+	EOTAXIN 2	0.00 (-0.03 - 0.03)	0.904	0.904	FALSE
Lewis	LeA+	EOTAXIN	-0.00 (-0.02 - 0.02)	0.898	0.898	FALSE
Lewis	LeA+	G CSF	-0.02 (-0.06 - 0.01)	0.134	0.134	FALSE
Lewis	LeA+	GIP	-0.05 (-0.12 - 0.02)	0.190	0.191	FALSE
Lewis	LeA+	GRO	-0.00 (-0.02 - 0.02)	0.947	0.947	FALSE
Lewis	LeA+	IL 13	0.61 (-0.13 - 1.34)	0.104	0.155	FALSE
Lewis	LeA+	IL 16	-0.02 (-0.07 - 0.03)	0.388	0.388	FALSE
Lewis	LeA+	IL 17	0.04 (-0.11 - 0.20)	0.578	0.578	FALSE
Lewis	LeA+	IL 23	-0.16 (-0.70 - 0.37)	0.553	0.561	FALSE
Lewis	LeA+	IL 8	-0.00 (-0.04 - 0.03)	0.891	0.891	FALSE
Lewis	LeA+	INSULIN	0.01 (-0.06 - 0.08)	0.805	0.805	FALSE

Lewis	LeA+	IP 10	-0.00 (-0.02 - 0.02)	0.695	0.695	FALSE
Lewis	LeA+	LEPTIN	0.01 (-0.06 - 0.08)	0.774	0.775	FALSE
Lewis	LeA+	LIPOCALIN 2 NGAL	0.05 (0.00 - 0.09)	0.030	0.030	FALSE
Lewis	LeA+	MCP 1	-0.00 (-0.02 - 0.01)	0.755	0.755	FALSE
Lewis	LeA+	MCP 2	-0.02 (-0.04 - 0.01)	0.182	0.182	FALSE
Lewis	LeA+	MCP 4	-0.02 (-0.05 - 0.02)	0.340	0.340	FALSE
Lewis	LeA+	MDC	0.01 (-0.01 - 0.03)	0.183	0.183	FALSE
Lewis	LeA+	MIP 1B	-0.00 (-0.03 - 0.02)	0.810	0.810	FALSE
Lewis	LeA+	MIP 1D	-0.01 (-0.03 - 0.01)	0.252	0.252	FALSE
Lewis	LeA+	PAI 1	0.02 (-0.01 - 0.04)	0.240	0.241	FALSE
Lewis	LeA+	PP	-0.09 (-0.17 - -0.01)	0.028	0.028	FALSE
Lewis	LeA+	RESISTIN	0.04 (0.01 - 0.07)	0.011	0.011	FALSE
Lewis	LeA+	SAA	0.02 (-0.03 - 0.07)	0.374	0.374	FALSE
Lewis	LeA+	SAP	0.01 (-0.01 - 0.02)	0.219	0.219	FALSE
Lewis	LeA+	SDF 1A B	0.00 (-0.01 - 0.02)	0.898	0.898	FALSE
Lewis	LeA+	SEGFR	0.00 (-0.01 - 0.01)	0.617	0.617	FALSE
Lewis	LeA+	SGP130	0.01 (0.00 - 0.02)	0.027	0.027	FALSE
Lewis	LeA+	SIL4R	0.00 (-0.01 - 0.01)	0.859	0.859	FALSE
Lewis	LeA+	SIL6R	0.01 (-0.01 - 0.02)	0.404	0.404	FALSE
Lewis	LeA+	SILRII	0.01 (-0.01 - 0.02)	0.318	0.318	FALSE
Lewis	LeA+	STNFRI	-0.00 (-0.02 - 0.01)	0.743	0.743	FALSE
Lewis	LeA+	STNFRII	0.01 (-0.01 - 0.02)	0.346	0.346	FALSE
Lewis	LeA+	SVEGFR2	0.00 (-0.01 - 0.01)	0.717	0.717	FALSE
Lewis	LeA+	SVEGFR3	0.03 (-0.00 - 0.06)	0.071	0.071	FALSE
Lewis	LeA+	TARC	-0.00 (-0.03 - 0.02)	0.875	0.875	FALSE
Lewis	LeA+	TGF A	0.02 (-0.03 - 0.06)	0.474	0.474	FALSE
Lewis	LeA+	TGF B1	0.03 (-0.02 - 0.09)	0.242	0.242	FALSE
Lewis	LeA+	TNFA	0.01 (-0.01 - 0.03)	0.447	0.447	FALSE
Lewis	LeA+	TPO	-0.03 (-0.10 - 0.03)	0.315	0.315	FALSE
Lewis	LeA+	TRAIL	0.01 (-0.01 - 0.03)	0.458	0.458	FALSE
Lewis	LeA+	VEGF	0.00 (-0.05 - 0.06)	0.934	0.934	FALSE
Lewis	LeA+	X6CKINE	0.01 (-0.02 - 0.04)	0.580	0.580	FALSE
ABO	A	ADIPONECTIN	0.02 (-0.01 - 0.05)	0.143	0.039	FALSE
ABO	AB	ADIPONECTIN	-0.05 (-0.12 - 0.02)	0.197	0.039	FALSE
ABO	B	ADIPONECTIN	-0.03 (-0.07 - 0.01)	0.176	0.039	FALSE
ABO	A	ADIPSIN	-0.01 (-0.02 - 0.01)	0.587	0.718	FALSE
ABO	AB	ADIPSIN	-0.02 (-0.06 - 0.03)	0.424	0.718	FALSE
ABO	B	ADIPSIN	0.01 (-0.02 - 0.03)	0.676	0.718	FALSE
ABO	A	AMYLIN	-0.09 (-0.16 - -0.01)	0.033	0.121	FALSE
ABO	AB	AMYLIN	-0.14 (-0.32 - 0.03)	0.111	0.121	FALSE
ABO	B	AMYLIN	-0.07 (-0.19 - 0.05)	0.265	0.121	FALSE
ABO	A	BCA 1	-0.01 (-0.03 - 0.00)	0.124	0.088	FALSE
ABO	AB	BCA 1	0.03 (-0.01 - 0.07)	0.097	0.088	FALSE
ABO	B	BCA 1	-0.00 (-0.03 - 0.02)	0.885	0.088	FALSE
ABO	A	C PEPTIDE	-0.00 (-0.04 - 0.04)	0.953	0.951	FALSE
ABO	AB	C PEPTIDE	0.00 (-0.09 - 0.09)	0.959	0.951	FALSE
ABO	B	C PEPTIDE	-0.02 (-0.07 - 0.04)	0.580	0.951	FALSE
ABO	A	CCL19 MIP3B	0.00 (-0.02 - 0.02)	0.958	0.090	FALSE
ABO	AB	CCL19 MIP3B	0.04 (0.00 - 0.07)	0.034	0.090	FALSE
ABO	B	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.149	0.090	FALSE
ABO	A	CCL20 MIP3A	-0.04 (-0.07 - -0.01)	0.007	0.053	FALSE
ABO	AB	CCL20 MIP3A	-0.03 (-0.10 - 0.03)	0.294	0.053	FALSE
ABO	B	CCL20 MIP3A	-0.01 (-0.06 - 0.03)	0.561	0.053	FALSE
ABO	A	CRP	0.01 (-0.02 - 0.05)	0.424	0.290	FALSE
ABO	AB	CRP	0.06 (-0.01 - 0.13)	0.096	0.290	FALSE
ABO	B	CRP	0.03 (-0.02 - 0.08)	0.200	0.290	FALSE
ABO	A	CTACK	-0.01 (-0.02 - 0.00)	0.231	0.208	FALSE
ABO	AB	CTACK	0.01 (-0.01 - 0.02)	0.554	0.208	FALSE
ABO	B	CTACK	-0.01 (-0.03 - 0.00)	0.084	0.208	FALSE

ABO	A	CXCL11 I TAC	-0.02 (-0.04 - -0.00)	0.042	0.002	FALSE
ABO	AB	CXCL11 I TAC	0.05 (0.01 - 0.09)	0.025	0.002	FALSE
ABO	B	CXCL11 I TAC	0.02 (-0.01 - 0.05)	0.235	0.002	FALSE
ABO	A	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.514	0.172	FALSE
ABO	AB	CXCL6 GCP2	0.01 (-0.02 - 0.04)	0.374	0.172	FALSE
ABO	B	CXCL6 GCP2	0.02 (-0.00 - 0.04)	0.116	0.172	FALSE
ABO	A	CXCL9 MIG	-0.02 (-0.04 - 0.00)	0.073	0.048	FALSE
ABO	AB	CXCL9 MIG	0.01 (-0.03 - 0.05)	0.475	0.048	FALSE
ABO	B	CXCL9 MIG	0.02 (-0.01 - 0.04)	0.282	0.048	FALSE
ABO	A	EGF	0.04 (0.01 - 0.07)	0.024	0.075	FALSE
ABO	AB	EGF	0.07 (-0.01 - 0.14)	0.069	0.075	FALSE
ABO	B	EGF	0.01 (-0.04 - 0.06)	0.571	0.075	FALSE
ABO	A	ENA 78	0.00 (-0.01 - 0.02)	0.754	0.916	FALSE
ABO	AB	ENA 78	0.01 (-0.03 - 0.04)	0.695	0.916	FALSE
ABO	B	ENA 78	0.01 (-0.02 - 0.03)	0.513	0.916	FALSE
ABO	A	EOTAXIN 2	0.01 (-0.01 - 0.03)	0.507	0.181	FALSE
ABO	AB	EOTAXIN 2	0.02 (-0.03 - 0.07)	0.409	0.181	FALSE
ABO	B	EOTAXIN 2	-0.03 (-0.06 - 0.01)	0.118	0.181	FALSE
ABO	A	EOTAXIN	-0.01 (-0.02 - 0.01)	0.431	0.467	FALSE
ABO	AB	EOTAXIN	-0.01 (-0.05 - 0.02)	0.421	0.467	FALSE
ABO	B	EOTAXIN	0.01 (-0.01 - 0.03)	0.413	0.467	FALSE
ABO	A	G CSF	0.02 (-0.00 - 0.05)	0.076	0.082	FALSE
ABO	AB	G CSF	0.06 (-0.00 - 0.11)	0.055	0.082	FALSE
ABO	B	G CSF	-0.00 (-0.04 - 0.03)	0.844	0.082	FALSE
ABO	A	GIP	-0.02 (-0.08 - 0.04)	0.502	0.752	FALSE
ABO	AB	GIP	-0.06 (-0.21 - 0.09)	0.404	0.752	FALSE
ABO	B	GIP	0.01 (-0.08 - 0.10)	0.859	0.752	FALSE
ABO	A	GRO	0.00 (-0.01 - 0.01)	0.645	0.298	FALSE
ABO	AB	GRO	0.01 (-0.02 - 0.04)	0.445	0.298	FALSE
ABO	B	GRO	0.02 (-0.00 - 0.03)	0.068	0.298	FALSE
ABO	A	IL 13	0.19 (-0.16 - 0.54)	0.280	0.027	FALSE
ABO	AB	IL 13	0.79 (0.28 - 1.29)	0.002	0.027	FALSE
ABO	B	IL 13	-0.10 (-0.83 - 0.64)	0.796	0.027	FALSE
ABO	A	IL 16	0.01 (-0.03 - 0.05)	0.603	0.026	FALSE
ABO	AB	IL 16	0.12 (0.03 - 0.21)	0.009	0.026	FALSE
ABO	B	IL 16	-0.03 (-0.10 - 0.03)	0.274	0.026	FALSE
ABO	A	IL 17	0.00 (-0.11 - 0.11)	0.997	0.926	FALSE
ABO	AB	IL 17	0.05 (-0.16 - 0.27)	0.629	0.926	FALSE
ABO	B	IL 17	-0.03 (-0.19 - 0.13)	0.704	0.926	FALSE
ABO	A	IL 23	0.26 (-0.26 - 0.78)	0.326	0.439	FALSE
ABO	AB	IL 23	0.39 (-0.41 - 1.19)	0.334	0.439	FALSE
ABO	B	IL 23	0.75 (-0.34 - 1.85)	0.178	0.439	FALSE
ABO	A	IL 8	-0.02 (-0.05 - 0.00)	0.074	0.169	FALSE
ABO	AB	IL 8	0.01 (-0.05 - 0.06)	0.795	0.169	FALSE
ABO	B	IL 8	0.01 (-0.03 - 0.05)	0.676	0.169	FALSE
ABO	A	INSULIN	-0.03 (-0.08 - 0.02)	0.250	0.660	FALSE
ABO	AB	INSULIN	-0.03 (-0.16 - 0.11)	0.704	0.660	FALSE
ABO	B	INSULIN	-0.04 (-0.12 - 0.05)	0.379	0.660	FALSE
ABO	A	IP 10	-0.01 (-0.02 - 0.01)	0.372	0.123	FALSE
ABO	AB	IP 10	0.03 (-0.00 - 0.06)	0.086	0.123	FALSE
ABO	B	IP 10	0.01 (-0.01 - 0.03)	0.444	0.123	FALSE
ABO	A	LEPTIN	-0.00 (-0.06 - 0.06)	0.991	0.063	FALSE
ABO	AB	LEPTIN	0.13 (0.01 - 0.25)	0.030	0.063	FALSE
ABO	B	LEPTIN	-0.04 (-0.12 - 0.03)	0.236	0.063	FALSE
ABO	A	LIPOCALIN 2 NGAL	-0.00 (-0.04 - 0.03)	0.833	0.554	FALSE
ABO	AB	LIPOCALIN 2 NGAL	-0.08 (-0.18 - 0.03)	0.148	0.554	FALSE
ABO	B	LIPOCALIN 2 NGAL	-0.00 (-0.06 - 0.06)	0.921	0.554	FALSE
ABO	A	MCP 1	0.01 (-0.00 - 0.02)	0.062	0.112	FALSE
ABO	AB	MCP 1	0.01 (-0.02 - 0.04)	0.402	0.112	FALSE

ABO	B	MCP 1	0.02 (0.00 - 0.03)	0.029	0.112	FALSE
ABO	A	MCP 2	-0.01 (-0.02 - 0.01)	0.582	0.219	FALSE
ABO	AB	MCP 2	0.03 (-0.00 - 0.07)	0.073	0.219	FALSE
ABO	B	MCP 2	0.00 (-0.03 - 0.03)	0.873	0.219	FALSE
ABO	A	MCP 4	0.01 (-0.02 - 0.03)	0.496	0.093	FALSE
ABO	AB	MCP 4	0.06 (0.01 - 0.11)	0.015	0.093	FALSE
ABO	B	MCP 4	0.02 (-0.02 - 0.06)	0.277	0.093	FALSE
ABO	A	MDC	0.01 (-0.01 - 0.02)	0.374	0.700	FALSE
ABO	AB	MDC	-0.01 (-0.04 - 0.03)	0.748	0.700	FALSE
ABO	B	MDC	-0.00 (-0.02 - 0.01)	0.746	0.700	FALSE
ABO	A	MIP 1B	0.00 (-0.02 - 0.02)	0.870	0.699	FALSE
ABO	AB	MIP 1B	0.02 (-0.02 - 0.06)	0.275	0.699	FALSE
ABO	B	MIP 1B	-0.00 (-0.04 - 0.03)	0.786	0.699	FALSE
ABO	A	MIP 1D	-0.02 (-0.04 - -0.01)	0.008	0.027	FALSE
ABO	AB	MIP 1D	-0.02 (-0.06 - 0.02)	0.377	0.027	FALSE
ABO	B	MIP 1D	0.01 (-0.02 - 0.03)	0.564	0.027	FALSE
ABO	A	PAI 1	-0.00 (-0.02 - 0.01)	0.620	0.606	FALSE
ABO	AB	PAI 1	-0.01 (-0.06 - 0.04)	0.764	0.606	FALSE
ABO	B	PAI 1	0.01 (-0.01 - 0.04)	0.320	0.606	FALSE
ABO	A	PP	0.05 (-0.01 - 0.12)	0.090	0.394	FALSE
ABO	AB	PP	0.05 (-0.10 - 0.21)	0.518	0.394	FALSE
ABO	B	PP	0.03 (-0.07 - 0.12)	0.578	0.394	FALSE
ABO	A	RESISTIN	0.00 (-0.02 - 0.03)	0.860	0.844	FALSE
ABO	AB	RESISTIN	-0.03 (-0.09 - 0.04)	0.418	0.844	FALSE
ABO	B	RESISTIN	-0.00 (-0.04 - 0.03)	0.826	0.844	FALSE
ABO	A	SAA	0.00 (-0.03 - 0.04)	0.821	0.944	FALSE
ABO	AB	SAA	0.02 (-0.05 - 0.09)	0.593	0.944	FALSE
ABO	B	SAA	-0.00 (-0.05 - 0.04)	0.898	0.944	FALSE
ABO	A	SAP	0.00 (-0.01 - 0.01)	0.958	0.160	FALSE
ABO	AB	SAP	0.02 (0.00 - 0.05)	0.031	0.160	FALSE
ABO	B	SAP	-0.00 (-0.02 - 0.02)	0.932	0.160	FALSE
ABO	A	SDF 1A B	0.01 (-0.00 - 0.02)	0.238	0.114	FALSE
ABO	AB	SDF 1A B	0.03 (0.00 - 0.05)	0.028	0.114	FALSE
ABO	B	SDF 1A B	0.01 (-0.01 - 0.03)	0.162	0.114	FALSE
ABO	A	SEGFR	0.00 (-0.01 - 0.01)	0.713	0.204	FALSE
ABO	AB	SEGFR	0.01 (-0.00 - 0.03)	0.091	0.204	FALSE
ABO	B	SEGFR	0.01 (-0.00 - 0.02)	0.137	0.204	FALSE
ABO	A	SGP130	-0.02 (-0.03 - -0.01)	0.000	0.000	TRUE
ABO	AB	SGP130	-0.00 (-0.02 - 0.02)	0.945	0.000	TRUE
ABO	B	SGP130	0.01 (0.00 - 0.02)	0.032	0.000	TRUE
ABO	A	SIL4R	0.00 (-0.01 - 0.02)	0.645	0.580	FALSE
ABO	AB	SIL4R	0.00 (-0.03 - 0.03)	0.885	0.580	FALSE
ABO	B	SIL4R	0.01 (-0.00 - 0.03)	0.162	0.580	FALSE
ABO	A	SIL6R	0.00 (-0.01 - 0.01)	0.417	0.509	FALSE
ABO	AB	SIL6R	0.01 (-0.01 - 0.03)	0.443	0.509	FALSE
ABO	B	SIL6R	-0.00 (-0.02 - 0.01)	0.471	0.509	FALSE
ABO	A	SILRII	0.01 (-0.01 - 0.02)	0.264	0.683	FALSE
ABO	AB	SILRII	-0.00 (-0.03 - 0.03)	0.948	0.683	FALSE
ABO	B	SILRII	0.01 (-0.01 - 0.02)	0.439	0.683	FALSE
ABO	A	STNFRI	0.01 (-0.01 - 0.02)	0.305	0.076	FALSE
ABO	AB	STNFRI	0.03 (0.01 - 0.06)	0.010	0.076	FALSE
ABO	B	STNFRI	0.00 (-0.01 - 0.02)	0.679	0.076	FALSE
ABO	A	STNFRII	-0.00 (-0.01 - 0.01)	0.372	0.147	FALSE
ABO	AB	STNFRII	0.02 (-0.01 - 0.04)	0.208	0.147	FALSE
ABO	B	STNFRII	-0.01 (-0.03 - 0.00)	0.097	0.147	FALSE
ABO	A	SVEGFR2	-0.04 (-0.05 - -0.03)	0.000	0.000	TRUE
ABO	AB	SVEGFR2	-0.03 (-0.05 - -0.01)	0.006	0.000	TRUE
ABO	B	SVEGFR2	0.00 (-0.01 - 0.02)	0.708	0.000	TRUE
ABO	A	SVEGFR3	-0.08 (-0.10 - -0.05)	0.000	0.000	TRUE

ABO	AB	SVEGFR3	-0.03 (-0.07 - 0.02)	0.304	0.000	TRUE
ABO	B	SVEGFR3	0.03 (-0.00 - 0.07)	0.068	0.000	TRUE
ABO	A	TARC	-0.01 (-0.03 - 0.01)	0.255	0.185	FALSE
ABO	AB	TARC	0.02 (-0.02 - 0.05)	0.371	0.185	FALSE
ABO	B	TARC	-0.03 (-0.06 - 0.01)	0.109	0.185	FALSE
ABO	A	TGF A	0.03 (-0.00 - 0.07)	0.089	0.118	FALSE
ABO	AB	TGF A	0.05 (-0.03 - 0.12)	0.210	0.118	FALSE
ABO	B	TGF A	-0.02 (-0.07 - 0.04)	0.496	0.118	FALSE
ABO	A	TGF B1	-0.01 (-0.05 - 0.03)	0.675	0.215	FALSE
ABO	AB	TGF B1	0.05 (-0.01 - 0.11)	0.092	0.215	FALSE
ABO	B	TGF B1	0.02 (-0.03 - 0.07)	0.415	0.215	FALSE
ABO	A	TNFA	-0.00 (-0.02 - 0.01)	0.616	0.066	FALSE
ABO	AB	TNFA	0.04 (0.01 - 0.06)	0.019	0.066	FALSE
ABO	B	TNFA	0.00 (-0.02 - 0.03)	0.900	0.066	FALSE
ABO	A	TPO	0.03 (-0.02 - 0.09)	0.190	0.329	FALSE
ABO	AB	TPO	0.05 (-0.06 - 0.16)	0.374	0.329	FALSE
ABO	B	TPO	-0.02 (-0.10 - 0.05)	0.555	0.329	FALSE
ABO	A	TRAIL	-0.02 (-0.03 - 0.00)	0.093	0.179	FALSE
ABO	AB	TRAIL	0.01 (-0.02 - 0.04)	0.444	0.179	FALSE
ABO	B	TRAIL	0.00 (-0.02 - 0.03)	0.863	0.179	FALSE
ABO	A	VEGF	-0.01 (-0.06 - 0.03)	0.550	0.929	FALSE
ABO	AB	VEGF	-0.01 (-0.10 - 0.08)	0.818	0.929	FALSE
ABO	B	VEGF	-0.02 (-0.08 - 0.05)	0.621	0.929	FALSE
ABO	A	X6CKINE	0.02 (-0.00 - 0.05)	0.100	0.024	FALSE
ABO	AB	X6CKINE	0.08 (0.02 - 0.13)	0.004	0.024	FALSE
ABO	B	X6CKINE	0.00 (-0.04 - 0.04)	0.832	0.024	FALSE

Supplementary Table 5

Blood Group	Allele	Marker	Estimate (95% CI)	P-value	Wald Joint P-value	Bonferroni Significant?
Lewis	Null	ADIPONECTIN	-0.03 (-0.13 - 0.07)	0.576	0.201	FALSE
Lewis	Null	ADIPSIN	0.02 (-0.01 - 0.06)	0.217	0.394	FALSE
Lewis	Null	AMYLIN	0.28 (-0.22 - 0.79)	0.265	0.464	FALSE
Lewis	Null	BCA 1	-0.00 (-0.06 - 0.05)	0.895	0.206	FALSE
Lewis	Null	C PEPTIDE	0.07 (-0.10 - 0.24)	0.425	0.633	FALSE
Lewis	Null	CCL19 MIP3B	0.01 (-0.05 - 0.06)	0.807	0.819	FALSE
Lewis	Null	CCL20 MIP3A	0.04 (-0.10 - 0.17)	0.574	0.559	FALSE
Lewis	Null	CRP	0.04 (-0.06 - 0.14)	0.445	0.622	FALSE
Lewis	Null	CTACK	-0.03 (-0.06 - -0.00)	0.044	0.000	TRUE
Lewis	Null	CXCL11 I TAC	0.04 (-0.02 - 0.11)	0.216	0.438	FALSE
Lewis	Null	CXCL6 GCP2	-0.04 (-0.10 - 0.02)	0.154	0.001	FALSE
Lewis	Null	CXCL9 MIG	0.02 (-0.02 - 0.07)	0.321	0.312	FALSE
Lewis	Null	EGF	-0.02 (-0.16 - 0.12)	0.804	0.739	FALSE
Lewis	Null	ENA 78	-0.04 (-0.11 - 0.04)	0.339	0.607	FALSE
Lewis	Null	EOTAXIN 2	0.01 (-0.07 - 0.10)	0.752	0.811	FALSE
Lewis	Null	EOTAXIN	-0.01 (-0.06 - 0.04)	0.650	0.379	FALSE
Lewis	Null	G CSF	0.03 (-0.09 - 0.14)	0.666	0.441	FALSE
Lewis	Null	GIP	0.00 (-0.22 - 0.22)	0.999	0.967	FALSE
Lewis	Null	GRO	-0.00 (-0.04 - 0.04)	0.985	0.043	FALSE
Lewis	Null	IL 16	-0.21 (-0.41 - -0.02)	0.032	0.086	FALSE
Lewis	Null	IL 17	0.33 (-0.08 - 0.75)	0.114	0.046	FALSE
Lewis	Null	IL 8	-0.03 (-0.19 - 0.13)	0.705	0.449	FALSE
Lewis	Null	INSULIN	0.27 (-0.08 - 0.61)	0.129	0.300	FALSE
Lewis	Null	IP 10	0.03 (-0.02 - 0.07)	0.199	0.054	FALSE
Lewis	Null	LEPTIN	-0.06 (-0.39 - 0.26)	0.697	0.578	FALSE
Lewis	Null	LIPOCALIN 2 NGAL	0.02 (-0.05 - 0.08)	0.588	0.477	FALSE
Lewis	Null	MCP 1	0.02 (-0.02 - 0.07)	0.343	0.381	FALSE
Lewis	Null	MCP 2	-0.02 (-0.07 - 0.03)	0.514	0.549	FALSE
Lewis	Null	MCP 4	0.02 (-0.07 - 0.10)	0.732	0.928	FALSE
Lewis	Null	MDC	0.00 (-0.04 - 0.05)	0.900	0.773	FALSE
Lewis	Null	MIP 1B	0.02 (-0.09 - 0.12)	0.744	0.497	FALSE
Lewis	Null	MIP 1D	0.01 (-0.04 - 0.06)	0.835	0.579	FALSE
Lewis	Null	PAI 1	0.01 (-0.06 - 0.08)	0.763	0.820	FALSE
Lewis	Null	PP	-0.15 (-0.33 - 0.03)	0.109	0.277	FALSE
Lewis	Null	RESISTIN	0.02 (-0.03 - 0.08)	0.447	0.640	FALSE
Lewis	Null	SAA	-0.02 (-0.13 - 0.09)	0.686	0.332	FALSE
Lewis	Null	SAP	-0.03 (-0.07 - 0.01)	0.119	0.295	FALSE
Lewis	Null	SDF 1A B	0.01 (-0.06 - 0.08)	0.878	0.599	FALSE
Lewis	Null	SEGFR	-0.00 (-0.03 - 0.02)	0.754	0.704	FALSE
Lewis	Null	SGP130	-0.00 (-0.03 - 0.02)	0.678	0.797	FALSE
Lewis	Null	SIL4R	0.02 (-0.08 - 0.12)	0.706	0.222	FALSE
Lewis	Null	SIL6R	0.02 (-0.01 - 0.04)	0.212	0.282	FALSE
Lewis	Null	SILRII	-0.01 (-0.05 - 0.02)	0.399	0.387	FALSE
Lewis	Null	STNFRI	0.03 (-0.00 - 0.07)	0.058	0.153	FALSE
Lewis	Null	STNFRII	0.01 (-0.03 - 0.05)	0.593	0.845	FALSE
Lewis	Null	SVEGFR2	0.01 (-0.02 - 0.04)	0.373	0.344	FALSE
Lewis	Null	SVEGFR3	-0.04 (-0.11 - 0.04)	0.313	0.578	FALSE
Lewis	Null	TARC	-0.02 (-0.10 - 0.07)	0.683	0.102	FALSE
Lewis	Null	TGF A	0.15 (0.00 - 0.29)	0.048	0.013	FALSE
Lewis	Null	TGF B1	-0.01 (-0.03 - 0.01)	0.316	0.198	FALSE
Lewis	Null	TNFA	0.03 (-0.02 - 0.09)	0.205	0.113	FALSE
Lewis	Null	TPO	0.09 (-0.10 - 0.27)	0.363	0.346	FALSE
Lewis	Null	TRAIL	-0.02 (-0.09 - 0.06)	0.606	0.461	FALSE

Lewis	Null	VEGF	0.08 (-0.09 - 0.26)	0.341	0.626	FALSE
Lewis	Null	X6CKINE	0.05 (-0.05 - 0.14)	0.365	0.596	FALSE
Secretor	Secretor	ADIPONECTIN	0.00 (-0.02 - 0.03)	0.791	0.791	FALSE
Secretor	Secretor	ADIPSIN	-0.00 (-0.02 - 0.01)	0.772	0.772	FALSE
Secretor	Secretor	AMYLIN	0.00 (-0.06 - 0.06)	0.992	0.992	FALSE
Secretor	Secretor	BCA 1	-0.00 (-0.01 - 0.01)	0.731	0.732	FALSE
Secretor	Secretor	C PEPTIDE	-0.01 (-0.03 - 0.02)	0.626	0.626	FALSE
Secretor	Secretor	CCL19 MIP3B	0.00 (-0.01 - 0.01)	0.862	0.862	FALSE
Secretor	Secretor	CCL20 MIP3A	-0.00 (-0.02 - 0.02)	0.839	0.839	FALSE
Secretor	Secretor	CRP	-0.03 (-0.06 - -0.01)	0.008	0.008	FALSE
Secretor	Secretor	CTACK	-0.01 (-0.01 - -0.00)	0.046	0.046	FALSE
Secretor	Secretor	CXCL11 I TAC	0.00 (-0.01 - 0.02)	0.605	0.605	FALSE
Secretor	Secretor	CXCL6 GCP2	0.01 (0.00 - 0.02)	0.006	0.006	FALSE
Secretor	Secretor	CXCL9 MIG	-0.01 (-0.02 - 0.01)	0.306	0.306	FALSE
Secretor	Secretor	EGF	-0.00 (-0.03 - 0.02)	0.713	0.713	FALSE
Secretor	Secretor	ENA 78	0.01 (0.00 - 0.03)	0.032	0.032	FALSE
Secretor	Secretor	EOTAXIN 2	-0.01 (-0.02 - 0.01)	0.457	0.457	FALSE
Secretor	Secretor	EOTAXIN	0.00 (-0.01 - 0.01)	0.563	0.563	FALSE
Secretor	Secretor	G CSF	0.01 (-0.01 - 0.03)	0.196	0.196	FALSE
Secretor	Secretor	GIP	0.02 (-0.02 - 0.06)	0.397	0.397	FALSE
Secretor	Secretor	GRO	0.00 (-0.00 - 0.01)	0.310	0.310	FALSE
Secretor	Secretor	IL 13	-0.29 (-0.78 - 0.20)	0.241	0.286	FALSE
Secretor	Secretor	IL 16	0.01 (-0.02 - 0.04)	0.550	0.550	FALSE
Secretor	Secretor	IL 17	-0.05 (-0.14 - 0.03)	0.234	0.234	FALSE
Secretor	Secretor	IL 23	0.18 (-0.15 - 0.51)	0.283	0.298	FALSE
Secretor	Secretor	IL 8	0.01 (-0.01 - 0.03)	0.252	0.252	FALSE
Secretor	Secretor	INSULIN	-0.01 (-0.05 - 0.03)	0.617	0.617	FALSE
Secretor	Secretor	IP 10	0.01 (-0.01 - 0.02)	0.332	0.332	FALSE
Secretor	Secretor	LEPTIN	-0.02 (-0.06 - 0.01)	0.204	0.204	FALSE
Secretor	Secretor	LIPOCALIN 2 NGAL	-0.01 (-0.03 - 0.02)	0.642	0.642	FALSE
Secretor	Secretor	MCP 1	0.00 (-0.00 - 0.01)	0.325	0.325	FALSE
Secretor	Secretor	MCP 2	0.01 (-0.01 - 0.02)	0.428	0.428	FALSE
Secretor	Secretor	MCP 4	0.02 (0.00 - 0.04)	0.042	0.042	FALSE
Secretor	Secretor	MDC	-0.01 (-0.02 - 0.00)	0.054	0.054	FALSE
Secretor	Secretor	MIP 1B	0.01 (-0.01 - 0.02)	0.308	0.308	FALSE
Secretor	Secretor	MIP 1D	0.00 (-0.01 - 0.01)	0.660	0.660	FALSE
Secretor	Secretor	PAI 1	-0.00 (-0.02 - 0.01)	0.825	0.825	FALSE
Secretor	Secretor	PP	0.07 (0.02 - 0.11)	0.004	0.004	FALSE
Secretor	Secretor	RESISTIN	-0.01 (-0.03 - 0.01)	0.278	0.278	FALSE
Secretor	Secretor	SAA	-0.02 (-0.04 - 0.01)	0.169	0.169	FALSE
Secretor	Secretor	SAP	-0.01 (-0.01 - 0.00)	0.203	0.203	FALSE
Secretor	Secretor	SDF 1A B	0.00 (-0.01 - 0.01)	0.753	0.753	FALSE
Secretor	Secretor	SEGFR	-0.00 (-0.00 - 0.00)	0.985	0.985	FALSE
Secretor	Secretor	SGP130	-0.00 (-0.01 - 0.00)	0.208	0.208	FALSE
Secretor	Secretor	SIL4R	0.00 (-0.01 - 0.01)	0.964	0.964	FALSE
Secretor	Secretor	SIL6R	-0.00 (-0.01 - 0.01)	0.863	0.863	FALSE
Secretor	Secretor	SILRII	0.00 (-0.01 - 0.01)	0.976	0.976	FALSE
Secretor	Secretor	STNFRI	0.00 (-0.01 - 0.01)	0.798	0.798	FALSE
Secretor	Secretor	STNFRII	-0.00 (-0.01 - 0.00)	0.218	0.218	FALSE
Secretor	Secretor	SVEGFR2	0.00 (-0.00 - 0.01)	0.497	0.497	FALSE
Secretor	Secretor	SVEGFR3	-0.01 (-0.03 - 0.00)	0.135	0.136	FALSE
Secretor	Secretor	TARC	0.01 (-0.01 - 0.02)	0.402	0.402	FALSE
Secretor	Secretor	TGF A	0.00 (-0.03 - 0.03)	0.980	0.980	FALSE
Secretor	Secretor	TGF B1	-0.01 (-0.04 - 0.02)	0.468	0.468	FALSE

Secretor	Secretor	TNFA	-0.00 (-0.02 - 0.01)	0.422	0.422	FALSE
Secretor	Secretor	TPO	0.02 (-0.02 - 0.06)	0.325	0.325	FALSE
Secretor	Secretor	TRAIL	-0.01 (-0.02 - 0.01)	0.369	0.369	FALSE
Secretor	Secretor	VEGF	-0.01 (-0.04 - 0.02)	0.651	0.651	FALSE
Secretor	Secretor	X6CKINE	-0.00 (-0.02 - 0.02)	0.898	0.898	FALSE
Kidd	B	ADIPONECTIN	-0.01 (-0.04 - 0.02)	0.602	0.523	FALSE
Kidd	B	ADIPSIN	0.02 (-0.00 - 0.04)	0.081	0.190	FALSE
Kidd	B	AMYLIN	-0.03 (-0.10 - 0.04)	0.348	0.180	FALSE
Kidd	B	BCA 1	-0.00 (-0.02 - 0.01)	0.646	0.376	FALSE
Kidd	B	C PEPTIDE	0.00 (-0.03 - 0.04)	0.855	0.678	FALSE
Kidd	B	CCL19 MIP3B	0.01 (-0.00 - 0.03)	0.172	0.379	FALSE
Kidd	B	CCL20 MIP3A	0.02 (-0.01 - 0.04)	0.245	0.135	FALSE
Kidd	B	CRP	0.01 (-0.02 - 0.04)	0.589	0.521	FALSE
Kidd	B	CTACK	-0.00 (-0.01 - 0.01)	0.586	0.528	FALSE
Kidd	B	CXCL11 I TAC	0.02 (-0.00 - 0.04)	0.079	0.128	FALSE
Kidd	B	CXCL6 GCP2	-0.01 (-0.02 - 0.01)	0.434	0.689	FALSE
Kidd	B	CXCL9 MIG	0.02 (0.01 - 0.04)	0.010	0.021	FALSE
Kidd	B	EGF	-0.03 (-0.06 - 0.00)	0.053	0.153	FALSE
Kidd	B	ENA 78	-0.00 (-0.02 - 0.02)	0.997	0.934	FALSE
Kidd	B	EOTAXIN 2	0.01 (-0.01 - 0.03)	0.237	0.443	FALSE
Kidd	B	EOTAXIN	-0.01 (-0.02 - 0.00)	0.188	0.341	FALSE
Kidd	B	G CSF	0.00 (-0.02 - 0.03)	0.831	0.968	FALSE
Kidd	B	GIP	-0.02 (-0.07 - 0.04)	0.557	0.829	FALSE
Kidd	B	GRO	-0.01 (-0.02 - 0.00)	0.244	0.204	FALSE
Kidd	B	IL 13	0.15 (-0.16 - 0.46)	0.339	0.622	FALSE
Kidd	B	IL 16	-0.02 (-0.05 - 0.02)	0.380	0.660	FALSE
Kidd	B	IL 17	-0.03 (-0.12 - 0.07)	0.565	0.657	FALSE
Kidd	B	IL 23	-0.44 (-0.91 - 0.03)	0.064	0.175	FALSE
Kidd	B	IL 8	0.00 (-0.02 - 0.02)	0.999	0.809	FALSE
Kidd	B	INSULIN	-0.02 (-0.06 - 0.03)	0.535	0.367	FALSE
Kidd	B	IP 10	0.01 (-0.00 - 0.02)	0.154	0.358	FALSE
Kidd	B	LEPTIN	-0.02 (-0.08 - 0.03)	0.429	0.683	FALSE
Kidd	B	LIPOCALIN 2 NGAL	-0.01 (-0.04 - 0.03)	0.755	0.947	FALSE
Kidd	B	MCP 1	-0.00 (-0.01 - 0.01)	0.885	0.112	FALSE
Kidd	B	MCP 2	-0.02 (-0.04 - -0.01)	0.008	0.007	FALSE
Kidd	B	MCP 4	-0.01 (-0.04 - 0.01)	0.199	0.383	FALSE
Kidd	B	MDC	-0.00 (-0.01 - 0.01)	0.863	0.065	FALSE
Kidd	B	MIP 1B	0.00 (-0.02 - 0.02)	0.852	0.805	FALSE
Kidd	B	MIP 1D	-0.01 (-0.02 - 0.01)	0.384	0.563	FALSE
Kidd	B	PAI 1	0.02 (0.00 - 0.04)	0.020	0.068	FALSE
Kidd	B	PP	0.02 (-0.03 - 0.08)	0.425	0.523	FALSE
Kidd	B	RESISTIN	-0.00 (-0.02 - 0.02)	0.964	0.921	FALSE
Kidd	B	SAA	-0.00 (-0.03 - 0.03)	0.913	0.984	FALSE
Kidd	B	SAP	0.00 (-0.01 - 0.01)	0.837	0.568	FALSE
Kidd	B	SDF 1A B	-0.01 (-0.02 - -0.00)	0.029	0.090	FALSE
Kidd	B	SEGFR	0.00 (-0.00 - 0.01)	0.404	0.665	FALSE
Kidd	B	SGP130	0.00 (-0.00 - 0.01)	0.291	0.336	FALSE
Kidd	B	SIL4R	0.00 (-0.01 - 0.02)	0.448	0.409	FALSE
Kidd	B	SIL6R	0.00 (-0.00 - 0.01)	0.377	0.641	FALSE
Kidd	B	SILRII	0.01 (-0.00 - 0.02)	0.260	0.059	FALSE
Kidd	B	STNFRI	-0.01 (-0.02 - 0.00)	0.213	0.110	FALSE
Kidd	B	STNFRII	0.00 (-0.01 - 0.01)	0.980	0.096	FALSE
Kidd	B	SVEGFR2	0.01 (0.00 - 0.02)	0.046	0.112	FALSE
Kidd	B	SVEGFR3	-0.00 (-0.02 - 0.02)	0.804	0.013	FALSE

Kidd	B	TARC	0.00 (-0.02 - 0.02)	0.814	0.581	FALSE
Kidd	B	TGF A	0.00 (-0.03 - 0.04)	0.778	0.153	FALSE
Kidd	B	TGF B1	0.02 (-0.01 - 0.05)	0.248	0.006	FALSE
Kidd	B	TNFA	0.00 (-0.01 - 0.02)	0.500	0.795	FALSE
Kidd	B	TPO	-0.01 (-0.06 - 0.03)	0.532	0.503	FALSE
Kidd	B	TRAIL	0.01 (-0.01 - 0.02)	0.361	0.420	FALSE
Kidd	B	VEGF	-0.00 (-0.04 - 0.04)	0.922	0.915	FALSE
Kidd	B	X6CKINE	-0.01 (-0.04 - 0.01)	0.355	0.002	FALSE
Colton	B	ADIPONECTIN	-0.02 (-0.05 - 0.02)	0.427	0.428	FALSE
Colton	B	ADIPSIN	0.01 (-0.01 - 0.04)	0.278	0.278	FALSE
Colton	B	AMYLIN	-0.06 (-0.16 - 0.05)	0.305	0.305	FALSE
Colton	B	BCA 1	-0.01 (-0.03 - 0.01)	0.314	0.314	FALSE
Colton	B	C PEPTIDE	0.02 (-0.03 - 0.06)	0.529	0.529	FALSE
Colton	B	CCL19 MIP3B	0.02 (-0.01 - 0.04)	0.197	0.197	FALSE
Colton	B	CCL20 MIP3A	-0.00 (-0.05 - 0.04)	0.839	0.839	FALSE
Colton	B	CRP	-0.03 (-0.08 - 0.02)	0.202	0.202	FALSE
Colton	B	CTACK	-0.01 (-0.03 - 0.01)	0.307	0.307	FALSE
Colton	B	CXCL11 I TAC	0.00 (-0.03 - 0.03)	0.910	0.910	FALSE
Colton	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.256	0.256	FALSE
Colton	B	CXCL9 MIG	-0.00 (-0.03 - 0.02)	0.944	0.944	FALSE
Colton	B	EGF	0.02 (-0.03 - 0.07)	0.372	0.372	FALSE
Colton	B	ENA 78	0.00 (-0.03 - 0.03)	0.988	0.988	FALSE
Colton	B	EOTAXIN 2	-0.01 (-0.04 - 0.03)	0.755	0.755	FALSE
Colton	B	EOTAXIN	0.02 (0.00 - 0.04)	0.033	0.034	FALSE
Colton	B	G CSF	0.01 (-0.03 - 0.04)	0.703	0.703	FALSE
Colton	B	GIP	-0.01 (-0.09 - 0.08)	0.875	0.875	FALSE
Colton	B	GRO	-0.01 (-0.02 - 0.01)	0.327	0.327	FALSE
Colton	B	IL 13	0.25 (-0.06 - 0.56)	0.117	0.156	FALSE
Colton	B	IL 16	0.02 (-0.04 - 0.08)	0.449	0.449	FALSE
Colton	B	IL 17	0.01 (-0.12 - 0.14)	0.865	0.865	FALSE
Colton	B	IL 23	-0.74 (-1.07 - -0.41)	0.000	0.000	FALSE
Colton	B	IL 8	0.00 (-0.03 - 0.03)	0.958	0.958	FALSE
Colton	B	INSULIN	0.00 (-0.06 - 0.07)	0.897	0.897	FALSE
Colton	B	IP 10	-0.00 (-0.02 - 0.02)	0.693	0.693	FALSE
Colton	B	LEPTIN	-0.01 (-0.09 - 0.06)	0.709	0.709	FALSE
Colton	B	LIPOCALIN 2 NGAL	-0.03 (-0.10 - 0.04)	0.428	0.428	FALSE
Colton	B	MCP 1	0.01 (-0.00 - 0.03)	0.114	0.114	FALSE
Colton	B	MCP 2	0.00 (-0.02 - 0.03)	0.871	0.871	FALSE
Colton	B	MCP 4	0.02 (-0.01 - 0.05)	0.277	0.277	FALSE
Colton	B	MDC	-0.00 (-0.02 - 0.02)	0.994	0.994	FALSE
Colton	B	MIP 1B	0.04 (0.02 - 0.07)	0.001	0.001	FALSE
Colton	B	MIP 1D	-0.01 (-0.04 - 0.02)	0.600	0.600	FALSE
Colton	B	PAI 1	0.01 (-0.02 - 0.03)	0.526	0.526	FALSE
Colton	B	PP	-0.12 (-0.21 - -0.03)	0.012	0.012	FALSE
Colton	B	RESISTIN	-0.01 (-0.05 - 0.02)	0.398	0.398	FALSE
Colton	B	SAA	-0.02 (-0.06 - 0.03)	0.406	0.406	FALSE
Colton	B	SAP	-0.02 (-0.04 - 0.00)	0.107	0.107	FALSE
Colton	B	SDF 1A B	0.01 (-0.01 - 0.02)	0.447	0.447	FALSE
Colton	B	SEGFR	0.01 (-0.00 - 0.02)	0.058	0.058	FALSE
Colton	B	SGP130	-0.00 (-0.01 - 0.01)	0.602	0.602	FALSE
Colton	B	SIL4R	-0.02 (-0.03 - 0.00)	0.060	0.060	FALSE
Colton	B	SIL6R	0.01 (-0.01 - 0.02)	0.319	0.319	FALSE
Colton	B	SILRII	0.00 (-0.01 - 0.02)	0.791	0.791	FALSE
Colton	B	STNFRI	0.01 (-0.01 - 0.03)	0.189	0.189	FALSE

Colton	B	STNFRII	0.01 (-0.00 - 0.02)	0.167	0.168	FALSE
Colton	B	SVEGFR2	0.00 (-0.01 - 0.01)	0.521	0.521	FALSE
Colton	B	SVEGFR3	0.00 (-0.03 - 0.04)	0.755	0.755	FALSE
Colton	B	TARC	0.02 (-0.01 - 0.04)	0.206	0.206	FALSE
Colton	B	TGF A	0.02 (-0.03 - 0.07)	0.429	0.429	FALSE
Colton	B	TGF B1	-0.00 (-0.05 - 0.05)	0.941	0.941	FALSE
Colton	B	TNFA	0.02 (0.01 - 0.04)	0.012	0.012	FALSE
Colton	B	TPO	-0.03 (-0.11 - 0.04)	0.425	0.425	FALSE
Colton	B	TRAIL	0.01 (-0.01 - 0.03)	0.434	0.434	FALSE
Colton	B	VEGF	0.02 (-0.04 - 0.08)	0.496	0.496	FALSE
Colton	B	X6CKINE	0.03 (-0.00 - 0.07)	0.075	0.075	FALSE
Knops	B	ADIPONECTIN	-0.02 (-0.06 - 0.03)	0.447	0.447	FALSE
Knops	B	ADIPSIN	0.00 (-0.02 - 0.03)	0.644	0.644	FALSE
Knops	B	AMYLIN	-0.05 (-0.14 - 0.04)	0.289	0.290	FALSE
Knops	B	BCA 1	0.01 (-0.02 - 0.03)	0.680	0.680	FALSE
Knops	B	C PEPTIDE	-0.05 (-0.10 - -0.00)	0.035	0.036	FALSE
Knops	B	CCL19 MIP3B	0.01 (-0.01 - 0.04)	0.266	0.266	FALSE
Knops	B	CCL20 MIP3A	0.04 (-0.01 - 0.09)	0.086	0.086	FALSE
Knops	B	CRP	0.03 (-0.02 - 0.08)	0.276	0.277	FALSE
Knops	B	CTACK	-0.00 (-0.03 - 0.02)	0.711	0.711	FALSE
Knops	B	CXCL11 I TAC	-0.01 (-0.04 - 0.02)	0.518	0.518	FALSE
Knops	B	CXCL6 GCP2	0.03 (0.01 - 0.06)	0.003	0.003	FALSE
Knops	B	CXCL9 MIG	0.01 (-0.02 - 0.04)	0.575	0.575	FALSE
Knops	B	EGF	0.03 (-0.01 - 0.08)	0.176	0.176	FALSE
Knops	B	ENA 78	0.01 (-0.01 - 0.04)	0.316	0.316	FALSE
Knops	B	EOTAXIN 2	-0.01 (-0.05 - 0.03)	0.589	0.589	FALSE
Knops	B	EOTAXIN	0.01 (-0.01 - 0.04)	0.243	0.243	FALSE
Knops	B	G CSF	0.02 (-0.02 - 0.06)	0.242	0.242	FALSE
Knops	B	GIP	-0.03 (-0.10 - 0.04)	0.451	0.451	FALSE
Knops	B	GRO	0.02 (0.00 - 0.04)	0.017	0.017	FALSE
Knops	B	IL 16	0.05 (-0.01 - 0.11)	0.118	0.118	FALSE
Knops	B	IL 17	0.06 (-0.08 - 0.19)	0.407	0.407	FALSE
Knops	B	IL 23	0.19 (-0.36 - 0.73)	0.506	0.511	FALSE
Knops	B	IL 8	0.01 (-0.03 - 0.05)	0.510	0.510	FALSE
Knops	B	INSULIN	-0.02 (-0.07 - 0.04)	0.503	0.503	FALSE
Knops	B	IP 10	0.01 (-0.02 - 0.03)	0.553	0.553	FALSE
Knops	B	LEPTIN	0.08 (0.03 - 0.14)	0.004	0.004	FALSE
Knops	B	LIPOCALIN 2 NGAL	0.06 (0.03 - 0.09)	0.000	0.000	FALSE
Knops	B	MCP 1	-0.00 (-0.02 - 0.01)	0.620	0.620	FALSE
Knops	B	MCP 2	0.02 (-0.01 - 0.05)	0.146	0.146	FALSE
Knops	B	MCP 4	0.05 (0.02 - 0.09)	0.005	0.005	FALSE
Knops	B	MDC	0.02 (-0.00 - 0.03)	0.070	0.070	FALSE
Knops	B	MIP 1B	0.00 (-0.03 - 0.04)	0.929	0.929	FALSE
Knops	B	MIP 1D	0.00 (-0.03 - 0.03)	0.840	0.840	FALSE
Knops	B	PAI 1	0.02 (0.00 - 0.05)	0.037	0.037	FALSE
Knops	B	PP	-0.02 (-0.09 - 0.06)	0.669	0.669	FALSE
Knops	B	RESISTIN	0.04 (0.01 - 0.06)	0.009	0.009	FALSE
Knops	B	SAA	0.02 (-0.04 - 0.08)	0.446	0.446	FALSE
Knops	B	SAP	-0.01 (-0.04 - 0.01)	0.345	0.345	FALSE
Knops	B	SDF 1A B	0.01 (-0.01 - 0.03)	0.324	0.324	FALSE
Knops	B	SEGFR	-0.01 (-0.02 - -0.00)	0.048	0.048	FALSE
Knops	B	SGP130	-0.00 (-0.01 - 0.01)	0.689	0.689	FALSE
Knops	B	SIL4R	-0.01 (-0.02 - 0.01)	0.526	0.526	FALSE
Knops	B	SIL6R	-0.00 (-0.01 - 0.01)	0.775	0.775	FALSE

Knops	B	SILRII	-0.01 (-0.03 - 0.00)	0.162	0.162	FALSE
Knops	B	STNFRI	0.00 (-0.01 - 0.02)	0.659	0.659	FALSE
Knops	B	STNFRII	0.00 (-0.01 - 0.02)	0.751	0.751	FALSE
Knops	B	SVEGFR2	-0.00 (-0.02 - 0.01)	0.640	0.640	FALSE
Knops	B	SVEGFR3	0.01 (-0.02 - 0.04)	0.574	0.574	FALSE
Knops	B	TARC	0.00 (-0.03 - 0.04)	0.795	0.795	FALSE
Knops	B	TGF A	0.07 (0.01 - 0.12)	0.014	0.014	FALSE
Knops	B	TGF B1	-0.05 (-0.10 - 0.00)	0.056	0.056	FALSE
Knops	B	TNFA	0.02 (-0.01 - 0.05)	0.113	0.113	FALSE
Knops	B	TPO	0.08 (0.00 - 0.16)	0.046	0.046	FALSE
Knops	B	TRAIL	0.01 (-0.02 - 0.04)	0.392	0.392	FALSE
Knops	B	VEGF	0.04 (-0.03 - 0.10)	0.253	0.253	FALSE
Knops	B	X6CKINE	0.02 (-0.02 - 0.06)	0.280	0.280	FALSE
Kell	K	ADIPONECTIN	0.03 (-0.01 - 0.06)	0.152	0.152	FALSE
Kell	K	ADIPSIN	0.01 (-0.01 - 0.03)	0.570	0.570	FALSE
Kell	K	AMYLIN	0.01 (-0.10 - 0.12)	0.826	0.826	FALSE
Kell	K	BCA 1	-0.01 (-0.03 - 0.01)	0.330	0.331	FALSE
Kell	K	C PEPTIDE	0.00 (-0.04 - 0.05)	0.925	0.925	FALSE
Kell	K	CCL19 MIP3B	-0.01 (-0.03 - 0.01)	0.362	0.362	FALSE
Kell	K	CCL20 MIP3A	0.00 (-0.04 - 0.04)	0.871	0.871	FALSE
Kell	K	CRP	-0.01 (-0.05 - 0.03)	0.682	0.682	FALSE
Kell	K	CTACK	0.01 (-0.00 - 0.02)	0.217	0.217	FALSE
Kell	K	CXCL11 I TAC	-0.00 (-0.03 - 0.02)	0.944	0.944	FALSE
Kell	K	CXCL6 GCP2	-0.00 (-0.02 - 0.01)	0.689	0.689	FALSE
Kell	K	CXCL9 MIG	-0.00 (-0.02 - 0.02)	0.876	0.876	FALSE
Kell	K	EGF	-0.00 (-0.04 - 0.03)	0.815	0.815	FALSE
Kell	K	ENA 78	-0.01 (-0.03 - 0.01)	0.376	0.377	FALSE
Kell	K	EOTAXIN 2	-0.02 (-0.04 - 0.01)	0.319	0.319	FALSE
Kell	K	EOTAXIN	-0.01 (-0.02 - 0.01)	0.351	0.351	FALSE
Kell	K	G CSF	-0.01 (-0.04 - 0.02)	0.518	0.518	FALSE
Kell	K	GIP	0.01 (-0.07 - 0.09)	0.814	0.814	FALSE
Kell	K	GRO	-0.00 (-0.02 - 0.01)	0.901	0.901	FALSE
Kell	K	IL 16	-0.06 (-0.12 - -0.01)	0.018	0.018	FALSE
Kell	K	IL 17	0.08 (-0.04 - 0.20)	0.168	0.168	FALSE
Kell	K	IL 23	0.39 (-0.18 - 0.97)	0.180	0.190	FALSE
Kell	K	IL 8	0.01 (-0.03 - 0.05)	0.613	0.613	FALSE
Kell	K	INSULIN	-0.03 (-0.12 - 0.06)	0.475	0.476	FALSE
Kell	K	IP 10	-0.01 (-0.03 - 0.01)	0.444	0.444	FALSE
Kell	K	LEPTIN	-0.07 (-0.14 - 0.00)	0.062	0.062	FALSE
Kell	K	LIPOCALIN 2 NGAL	0.01 (-0.04 - 0.05)	0.821	0.821	FALSE
Kell	K	MCP 1	-0.00 (-0.02 - 0.01)	0.475	0.475	FALSE
Kell	K	MCP 2	-0.03 (-0.06 - -0.01)	0.017	0.017	FALSE
Kell	K	MCP 4	-0.05 (-0.08 - -0.02)	0.003	0.003	FALSE
Kell	K	MDC	0.00 (-0.01 - 0.02)	0.540	0.540	FALSE
Kell	K	MIP 1B	-0.01 (-0.04 - 0.01)	0.281	0.281	FALSE
Kell	K	MIP 1D	-0.01 (-0.03 - 0.02)	0.530	0.530	FALSE
Kell	K	PAI 1	0.01 (-0.02 - 0.03)	0.517	0.517	FALSE
Kell	K	PP	0.01 (-0.08 - 0.11)	0.768	0.768	FALSE
Kell	K	RESISTIN	-0.01 (-0.04 - 0.03)	0.650	0.650	FALSE
Kell	K	SAA	0.01 (-0.03 - 0.05)	0.607	0.607	FALSE
Kell	K	SAP	0.00 (-0.01 - 0.02)	0.792	0.792	FALSE
Kell	K	SDF 1A B	-0.00 (-0.02 - 0.01)	0.694	0.694	FALSE
Kell	K	SEGFR	-0.00 (-0.01 - 0.00)	0.403	0.403	FALSE
Kell	K	SGP130	-0.01 (-0.02 - -0.00)	0.018	0.018	FALSE

Kell	K	SIL4R	0.00 (-0.01 - 0.02)	0.691	0.691	FALSE
Kell	K	SIL6R	-0.01 (-0.02 - -0.00)	0.044	0.044	FALSE
Kell	K	SILRII	-0.00 (-0.02 - 0.01)	0.679	0.679	FALSE
Kell	K	STNFRI	-0.01 (-0.03 - -0.00)	0.018	0.018	FALSE
Kell	K	STNFRII	-0.01 (-0.02 - -0.00)	0.026	0.026	FALSE
Kell	K	SVEGFR2	-0.01 (-0.02 - 0.00)	0.317	0.317	FALSE
Kell	K	SVEGFR3	-0.01 (-0.04 - 0.02)	0.389	0.389	FALSE
Kell	K	TARC	-0.01 (-0.04 - 0.01)	0.234	0.234	FALSE
Kell	K	TGF A	-0.02 (-0.07 - 0.03)	0.395	0.395	FALSE
Kell	K	TGF B1	0.04 (-0.01 - 0.08)	0.095	0.095	FALSE
Kell	K	TNFA	-0.01 (-0.03 - 0.01)	0.226	0.226	FALSE
Kell	K	TPO	-0.01 (-0.07 - 0.05)	0.740	0.740	FALSE
Kell	K	TRAIL	-0.00 (-0.02 - 0.01)	0.688	0.688	FALSE
Kell	K	VEGF	-0.02 (-0.08 - 0.03)	0.414	0.414	FALSE
Kell	K	X6CKINE	-0.04 (-0.07 - -0.01)	0.018	0.018	FALSE
Dombrock	B	ADIPONECTIN	0.02 (-0.01 - 0.05)	0.216	0.041	FALSE
Dombrock	B	ADIPSIN	-0.00 (-0.02 - 0.01)	0.786	0.899	FALSE
Dombrock	B	AMYLIN	0.00 (-0.08 - 0.08)	0.966	0.429	FALSE
Dombrock	B	BCA 1	0.00 (-0.01 - 0.02)	0.595	0.210	FALSE
Dombrock	B	C PEPTIDE	0.02 (-0.02 - 0.05)	0.385	0.214	FALSE
Dombrock	B	CCL19 MIP3B	-0.03 (-0.05 - -0.01)	0.001	0.003	FALSE
Dombrock	B	CCL20 MIP3A	-0.04 (-0.07 - -0.01)	0.012	0.040	FALSE
Dombrock	B	CRP	-0.02 (-0.05 - 0.02)	0.285	0.487	FALSE
Dombrock	B	CTACK	0.00 (-0.00 - 0.01)	0.368	0.586	FALSE
Dombrock	B	CXCL11 I TAC	0.00 (-0.02 - 0.02)	0.751	0.902	FALSE
Dombrock	B	CXCL6 GCP2	-0.01 (-0.02 - 0.01)	0.349	0.230	FALSE
Dombrock	B	CXCL9 MIG	-0.01 (-0.03 - 0.00)	0.131	0.076	FALSE
Dombrock	B	EGF	0.02 (-0.01 - 0.06)	0.134	0.315	FALSE
Dombrock	B	ENA 78	-0.01 (-0.03 - 0.00)	0.079	0.121	FALSE
Dombrock	B	EOTAXIN 2	0.00 (-0.02 - 0.02)	0.823	0.920	FALSE
Dombrock	B	EOTAXIN	0.01 (-0.01 - 0.02)	0.346	0.177	FALSE
Dombrock	B	G CSF	0.01 (-0.01 - 0.04)	0.328	0.300	FALSE
Dombrock	B	GIP	0.02 (-0.04 - 0.08)	0.561	0.812	FALSE
Dombrock	B	GRO	0.00 (-0.01 - 0.01)	0.536	0.554	FALSE
Dombrock	B	IL 13	-0.32 (-0.71 - 0.08)	0.113	0.160	FALSE
Dombrock	B	IL 16	-0.01 (-0.05 - 0.03)	0.595	0.515	FALSE
Dombrock	B	IL 17	-0.14 (-0.24 - -0.04)	0.008	0.030	FALSE
Dombrock	B	IL 23	0.79 (0.28 - 1.31)	0.002	0.014	FALSE
Dombrock	B	IL 8	0.01 (-0.01 - 0.04)	0.317	0.598	FALSE
Dombrock	B	INSULIN	0.00 (-0.05 - 0.05)	0.943	0.060	FALSE
Dombrock	B	IP 10	-0.01 (-0.02 - 0.01)	0.228	0.479	FALSE
Dombrock	B	LEPTIN	0.03 (-0.02 - 0.09)	0.216	0.050	FALSE
Dombrock	B	LIPOCALIN 2 NGAL	-0.02 (-0.06 - 0.02)	0.349	0.620	FALSE
Dombrock	B	MCP 1	0.01 (0.00 - 0.02)	0.039	0.116	FALSE
Dombrock	B	MCP 2	0.00 (-0.01 - 0.02)	0.682	0.891	FALSE
Dombrock	B	MCP 4	-0.00 (-0.03 - 0.02)	0.829	0.914	FALSE
Dombrock	B	MDC	-0.00 (-0.01 - 0.01)	0.831	0.379	FALSE
Dombrock	B	MIP 1B	0.02 (0.01 - 0.04)	0.014	0.002	FALSE
Dombrock	B	MIP 1D	0.01 (-0.01 - 0.02)	0.266	0.201	FALSE
Dombrock	B	PAI 1	-0.01 (-0.03 - 0.00)	0.146	0.326	FALSE
Dombrock	B	PP	0.03 (-0.03 - 0.10)	0.320	0.574	FALSE
Dombrock	B	RESISTIN	-0.00 (-0.03 - 0.02)	0.763	0.428	FALSE
Dombrock	B	SAA	-0.03 (-0.06 - 0.00)	0.094	0.246	FALSE
Dombrock	B	SAP	-0.00 (-0.02 - 0.01)	0.469	0.769	FALSE

Dombrock	B	SDF 1A B	0.00 (-0.01 - 0.01)	0.906	0.524	FALSE
Dombrock	B	SEGFR	0.00 (-0.00 - 0.01)	0.643	0.881	FALSE
Dombrock	B	SGP130	-0.00 (-0.01 - 0.01)	0.772	0.725	FALSE
Dombrock	B	SIL4R	-0.01 (-0.03 - -0.00)	0.028	0.040	FALSE
Dombrock	B	SIL6R	0.01 (-0.00 - 0.01)	0.245	0.386	FALSE
Dombrock	B	SILRII	-0.00 (-0.02 - 0.01)	0.441	0.685	FALSE
Dombrock	B	STNFRI	-0.00 (-0.01 - 0.01)	0.925	0.945	FALSE
Dombrock	B	STNFRII	-0.01 (-0.02 - 0.00)	0.089	0.211	FALSE
Dombrock	B	SVEGFR2	-0.00 (-0.01 - 0.00)	0.267	0.495	FALSE
Dombrock	B	SVEGFR3	0.01 (-0.01 - 0.03)	0.342	0.636	FALSE
Dombrock	B	TARC	-0.00 (-0.02 - 0.02)	0.900	0.854	FALSE
Dombrock	B	TGF A	-0.06 (-0.10 - -0.03)	0.001	0.002	FALSE
Dombrock	B	TGF B1	-0.00 (-0.04 - 0.03)	0.797	0.948	FALSE
Dombrock	B	TNFA	0.00 (-0.01 - 0.02)	0.609	0.426	FALSE
Dombrock	B	TPO	-0.05 (-0.09 - 0.00)	0.057	0.102	FALSE
Dombrock	B	TRAIL	0.00 (-0.01 - 0.02)	0.707	0.854	FALSE
Dombrock	B	VEGF	-0.01 (-0.05 - 0.04)	0.720	0.592	FALSE
Dombrock	B	X6CKINE	-0.02 (-0.04 - 0.01)	0.274	0.304	FALSE
RhE	E	ADIPONECTIN	-0.01 (-0.03 - 0.02)	0.639	0.640	FALSE
RhE	E	ADIPSIN	-0.01 (-0.02 - 0.01)	0.267	0.267	FALSE
RhE	E	AMYLIN	-0.02 (-0.09 - 0.05)	0.657	0.658	FALSE
RhE	E	BCA 1	-0.00 (-0.02 - 0.01)	0.677	0.677	FALSE
RhE	E	C PEPTIDE	-0.01 (-0.05 - 0.03)	0.575	0.575	FALSE
RhE	E	CCL19 MIP3B	-0.02 (-0.03 - -0.00)	0.042	0.042	FALSE
RhE	E	CCL20 MIP3A	-0.01 (-0.03 - 0.02)	0.618	0.618	FALSE
RhE	E	CRP	-0.02 (-0.05 - 0.01)	0.265	0.265	FALSE
RhE	E	CTACK	0.01 (0.01 - 0.02)	0.000	0.000	FALSE
RhE	E	CXCL11 I TAC	-0.00 (-0.02 - 0.02)	0.911	0.911	FALSE
RhE	E	CXCL6 GCP2	0.00 (-0.01 - 0.01)	0.706	0.706	FALSE
RhE	E	CXCL9 MIG	-0.00 (-0.02 - 0.01)	0.569	0.569	FALSE
RhE	E	EGF	0.00 (-0.03 - 0.03)	0.948	0.948	FALSE
RhE	E	ENA 78	0.01 (-0.00 - 0.02)	0.160	0.160	FALSE
RhE	E	EOTAXIN 2	0.00 (-0.02 - 0.02)	0.946	0.946	FALSE
RhE	E	EOTAXIN	0.00 (-0.01 - 0.02)	0.656	0.656	FALSE
RhE	E	G CSF	0.00 (-0.02 - 0.02)	0.988	0.988	FALSE
RhE	E	GIP	-0.04 (-0.09 - 0.02)	0.176	0.177	FALSE
RhE	E	GRO	0.00 (-0.01 - 0.01)	0.800	0.800	FALSE
RhE	E	IL 13	-0.02 (-0.16 - 0.12)	0.753	0.768	FALSE
RhE	E	IL 16	-0.03 (-0.07 - 0.00)	0.082	0.082	FALSE
RhE	E	IL 17	-0.01 (-0.10 - 0.08)	0.792	0.792	FALSE
RhE	E	IL 23	-0.49 (-1.01 - 0.03)	0.064	0.076	FALSE
RhE	E	IL 8	0.00 (-0.02 - 0.03)	0.698	0.698	FALSE
RhE	E	INSULIN	0.01 (-0.04 - 0.06)	0.667	0.667	FALSE
RhE	E	IP 10	-0.01 (-0.02 - 0.00)	0.091	0.091	FALSE
RhE	E	LEPTIN	0.00 (-0.04 - 0.05)	0.931	0.931	FALSE
RhE	E	LIPOCALIN 2 NGAL	-0.05 (-0.09 - -0.00)	0.030	0.031	FALSE
RhE	E	MCP 1	-0.00 (-0.01 - 0.01)	0.707	0.707	FALSE
RhE	E	MCP 2	0.01 (-0.01 - 0.02)	0.302	0.302	FALSE
RhE	E	MCP 4	0.00 (-0.02 - 0.03)	0.687	0.687	FALSE
RhE	E	MDC	-0.00 (-0.01 - 0.01)	0.793	0.793	FALSE
RhE	E	MIP 1B	0.01 (-0.01 - 0.03)	0.179	0.179	FALSE
RhE	E	MIP 1D	0.01 (-0.00 - 0.02)	0.103	0.103	FALSE
RhE	E	PAI 1	-0.01 (-0.03 - 0.00)	0.163	0.164	FALSE
RhE	E	PP	-0.05 (-0.11 - 0.01)	0.106	0.106	FALSE

RhE	E	RESISTIN	-0.01 (-0.03 - 0.02)	0.660	0.660	FALSE
RhE	E	SAA	-0.01 (-0.04 - 0.01)	0.317	0.318	FALSE
RhE	E	SAP	-0.01 (-0.02 - 0.00)	0.181	0.181	FALSE
RhE	E	SDF 1A B	0.01 (-0.00 - 0.02)	0.237	0.237	FALSE
RhE	E	SEGFR	0.00 (-0.00 - 0.01)	0.133	0.133	FALSE
RhE	E	SGP130	0.00 (-0.00 - 0.01)	0.487	0.487	FALSE
RhE	E	SIL4R	-0.00 (-0.01 - 0.01)	0.884	0.884	FALSE
RhE	E	SIL6R	0.00 (-0.00 - 0.01)	0.247	0.247	FALSE
RhE	E	SILRII	0.01 (0.00 - 0.02)	0.013	0.014	FALSE
RhE	E	STNFRI	0.01 (-0.00 - 0.02)	0.134	0.134	FALSE
RhE	E	STNFRII	0.00 (-0.00 - 0.01)	0.361	0.361	FALSE
RhE	E	SVEGFR2	0.00 (-0.01 - 0.01)	0.579	0.579	FALSE
RhE	E	SVEGFR3	0.01 (-0.01 - 0.03)	0.193	0.193	FALSE
RhE	E	TARC	0.01 (-0.01 - 0.02)	0.314	0.314	FALSE
RhE	E	TGF A	-0.00 (-0.03 - 0.03)	0.962	0.962	FALSE
RhE	E	TGF B1	0.01 (-0.02 - 0.05)	0.413	0.413	FALSE
RhE	E	TNFA	-0.00 (-0.01 - 0.01)	0.934	0.934	FALSE
RhE	E	TPO	-0.03 (-0.07 - 0.02)	0.235	0.236	FALSE
RhE	E	TRAIL	0.00 (-0.01 - 0.02)	0.805	0.805	FALSE
RhE	E	VEGF	-0.01 (-0.05 - 0.03)	0.501	0.501	FALSE
RhE	E	X6CKINE	-0.00 (-0.02 - 0.02)	0.879	0.879	FALSE
Aub	B	ADIPONECTIN	-0.00 (-0.05 - 0.04)	0.853	0.473	FALSE
Aub	B	ADIPSIN	-0.01 (-0.03 - 0.01)	0.462	0.757	FALSE
Aub	B	AMYLIN	0.00 (-0.10 - 0.10)	0.963	0.449	FALSE
Aub	B	BCA 1	0.01 (-0.01 - 0.03)	0.511	0.413	FALSE
Aub	B	C PEPTIDE	-0.01 (-0.07 - 0.05)	0.658	0.774	FALSE
Aub	B	CCL19 MIP3B	0.00 (-0.02 - 0.03)	0.775	0.447	FALSE
Aub	B	CCL20 MIP3A	0.01 (-0.04 - 0.05)	0.811	0.251	FALSE
Aub	B	CRP	0.05 (0.00 - 0.09)	0.035	0.108	FALSE
Aub	B	CTACK	-0.00 (-0.01 - 0.01)	0.677	0.439	FALSE
Aub	B	CXCL11 I TAC	-0.02 (-0.05 - 0.01)	0.206	0.281	FALSE
Aub	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.480	0.125	FALSE
Aub	B	CXCL9 MIG	-0.01 (-0.03 - 0.01)	0.323	0.516	FALSE
Aub	B	EGF	-0.01 (-0.06 - 0.04)	0.676	0.023	FALSE
Aub	B	ENA 78	0.01 (-0.02 - 0.03)	0.566	0.767	FALSE
Aub	B	EOTAXIN 2	0.02 (-0.01 - 0.04)	0.307	0.508	FALSE
Aub	B	EOTAXIN	0.02 (-0.00 - 0.04)	0.100	0.259	FALSE
Aub	B	G CSF	-0.02 (-0.06 - 0.01)	0.204	0.392	FALSE
Aub	B	GIP	0.02 (-0.06 - 0.09)	0.673	0.823	FALSE
Aub	B	GRO	0.01 (-0.00 - 0.02)	0.182	0.380	FALSE
Aub	B	IL 13	-0.11 (-0.84 - 0.62)	0.772	0.229	FALSE
Aub	B	IL 16	-0.01 (-0.07 - 0.04)	0.650	0.860	FALSE
Aub	B	IL 17	-0.01 (-0.13 - 0.11)	0.859	0.904	FALSE
Aub	B	IL 23	-0.09 (-1.13 - 0.96)	0.870	0.885	FALSE
Aub	B	IL 8	-0.00 (-0.04 - 0.03)	0.942	0.457	FALSE
Aub	B	INSULIN	-0.00 (-0.07 - 0.07)	0.955	0.867	FALSE
Aub	B	IP 10	-0.01 (-0.03 - 0.01)	0.200	0.385	FALSE
Aub	B	LEPTIN	-0.04 (-0.11 - 0.04)	0.302	0.316	FALSE
Aub	B	LIPOCALIN 2 NGAL	-0.02 (-0.09 - 0.05)	0.585	0.772	FALSE
Aub	B	MCP 1	0.00 (-0.01 - 0.02)	0.687	0.793	FALSE
Aub	B	MCP 2	0.01 (-0.02 - 0.03)	0.592	0.797	FALSE
Aub	B	MCP 4	-0.01 (-0.05 - 0.03)	0.572	0.830	FALSE
Aub	B	MDC	0.00 (-0.01 - 0.02)	0.590	0.864	FALSE
Aub	B	MIP 1B	-0.01 (-0.04 - 0.02)	0.617	0.740	FALSE

Aub	B	MIP 1D	-0.02 (-0.04 - 0.01)	0.202	0.395	FALSE
Aub	B	PAI 1	-0.01 (-0.03 - 0.02)	0.495	0.635	FALSE
Aub	B	PP	0.03 (-0.05 - 0.11)	0.470	0.158	FALSE
Aub	B	RESISTIN	-0.01 (-0.04 - 0.03)	0.693	0.262	FALSE
Aub	B	SAA	0.01 (-0.03 - 0.06)	0.556	0.397	FALSE
Aub	B	SAP	0.01 (-0.01 - 0.02)	0.325	0.396	FALSE
Aub	B	SDF 1A B	-0.00 (-0.02 - 0.02)	0.843	0.980	FALSE
Aub	B	SEGFR	-0.00 (-0.01 - 0.01)	0.950	0.898	FALSE
Aub	B	SGP130	-0.00 (-0.01 - 0.01)	0.520	0.788	FALSE
Aub	B	SIL4R	-0.02 (-0.03 - -0.00)	0.033	0.048	FALSE
Aub	B	SIL6R	-0.00 (-0.01 - 0.01)	0.998	0.945	FALSE
Aub	B	SILRII	-0.01 (-0.03 - 0.00)	0.179	0.405	FALSE
Aub	B	STNFRI	0.00 (-0.01 - 0.02)	0.527	0.819	FALSE
Aub	B	STNFRII	0.00 (-0.01 - 0.01)	0.884	0.672	FALSE
Aub	B	SVEGFR2	-0.01 (-0.02 - 0.01)	0.362	0.290	FALSE
Aub	B	SVEGFR3	-0.00 (-0.03 - 0.03)	0.964	0.483	FALSE
Aub	B	TARC	0.01 (-0.02 - 0.03)	0.446	0.581	FALSE
Aub	B	TGF A	0.02 (-0.03 - 0.06)	0.498	0.345	FALSE
Aub	B	TGF B1	-0.00 (-0.06 - 0.06)	0.994	0.651	FALSE
Aub	B	TNFA	0.01 (-0.01 - 0.03)	0.412	0.685	FALSE
Aub	B	TPO	-0.02 (-0.09 - 0.04)	0.518	0.080	FALSE
Aub	B	TRAIL	-0.02 (-0.04 - 0.01)	0.142	0.293	FALSE
Aub	B	VEGF	0.04 (-0.02 - 0.10)	0.245	0.327	FALSE
Aub	B	X6CKINE	0.00 (-0.03 - 0.04)	0.895	0.784	FALSE
Lutheran	B	ADIPONECTIN	-0.02 (-0.06 - 0.02)	0.406	0.406	FALSE
Lutheran	B	ADIPSIN	-0.01 (-0.03 - 0.02)	0.654	0.654	FALSE
Lutheran	B	AMYLIN	-0.03 (-0.15 - 0.09)	0.604	0.604	FALSE
Lutheran	B	BCA 1	0.02 (-0.00 - 0.04)	0.097	0.097	FALSE
Lutheran	B	C PEPTIDE	0.01 (-0.04 - 0.07)	0.607	0.608	FALSE
Lutheran	B	CCL19 MIP3B	0.01 (-0.01 - 0.03)	0.298	0.298	FALSE
Lutheran	B	CCL20 MIP3A	0.02 (-0.02 - 0.06)	0.310	0.310	FALSE
Lutheran	B	CRP	0.06 (0.01 - 0.10)	0.009	0.009	FALSE
Lutheran	B	CTACK	0.01 (-0.00 - 0.02)	0.137	0.137	FALSE
Lutheran	B	CXCL11 I TAC	0.03 (0.00 - 0.05)	0.048	0.048	FALSE
Lutheran	B	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.221	0.221	FALSE
Lutheran	B	CXCL9 MIG	0.01 (-0.02 - 0.03)	0.471	0.471	FALSE
Lutheran	B	EGF	-0.01 (-0.05 - 0.04)	0.730	0.730	FALSE
Lutheran	B	ENA 78	0.00 (-0.02 - 0.03)	0.812	0.812	FALSE
Lutheran	B	EOTAXIN 2	-0.01 (-0.04 - 0.02)	0.456	0.456	FALSE
Lutheran	B	EOTAXIN	0.00 (-0.02 - 0.02)	0.802	0.802	FALSE
Lutheran	B	G CSF	0.03 (-0.01 - 0.06)	0.174	0.174	FALSE
Lutheran	B	GIP	0.04 (-0.05 - 0.13)	0.396	0.396	FALSE
Lutheran	B	GRO	-0.00 (-0.02 - 0.01)	0.618	0.618	FALSE
Lutheran	B	IL 13	0.40 (-0.11 - 0.92)	0.126	0.157	FALSE
Lutheran	B	IL 16	-0.01 (-0.06 - 0.05)	0.845	0.845	FALSE
Lutheran	B	IL 17	0.11 (-0.02 - 0.25)	0.104	0.105	FALSE
Lutheran	B	IL 23	0.16 (-0.67 - 0.99)	0.701	0.703	FALSE
Lutheran	B	IL 8	0.01 (-0.03 - 0.04)	0.679	0.679	FALSE
Lutheran	B	INSULIN	0.03 (-0.04 - 0.10)	0.447	0.447	FALSE
Lutheran	B	IP 10	0.01 (-0.01 - 0.03)	0.271	0.272	FALSE
Lutheran	B	LEPTIN	0.00 (-0.08 - 0.08)	0.985	0.985	FALSE
Lutheran	B	LIPOCALIN 2 NGAL	0.03 (-0.00 - 0.07)	0.071	0.071	FALSE
Lutheran	B	MCP 1	-0.00 (-0.02 - 0.01)	0.822	0.822	FALSE
Lutheran	B	MCP 2	-0.01 (-0.04 - 0.02)	0.545	0.545	FALSE

Lutheran	B	MCP 4	-0.02 (-0.06 - 0.01)	0.158	0.158	FALSE
Lutheran	B	MDC	0.00 (-0.01 - 0.02)	0.703	0.703	FALSE
Lutheran	B	MIP 1B	0.01 (-0.02 - 0.04)	0.590	0.590	FALSE
Lutheran	B	MIP 1D	-0.01 (-0.03 - 0.02)	0.499	0.499	FALSE
Lutheran	B	PAI 1	0.01 (-0.02 - 0.04)	0.439	0.440	FALSE
Lutheran	B	PP	-0.02 (-0.09 - 0.06)	0.681	0.682	FALSE
Lutheran	B	RESISTIN	0.01 (-0.02 - 0.04)	0.614	0.614	FALSE
Lutheran	B	SAA	0.05 (-0.00 - 0.10)	0.071	0.071	FALSE
Lutheran	B	SAP	0.01 (-0.00 - 0.03)	0.065	0.065	FALSE
Lutheran	B	SDF 1A B	-0.00 (-0.02 - 0.01)	0.651	0.651	FALSE
Lutheran	B	SEGFR	-0.00 (-0.01 - 0.01)	0.975	0.975	FALSE
Lutheran	B	SGP130	0.01 (-0.00 - 0.02)	0.285	0.285	FALSE
Lutheran	B	SIL4R	-0.01 (-0.02 - 0.01)	0.208	0.208	FALSE
Lutheran	B	SIL6R	0.01 (-0.00 - 0.02)	0.168	0.168	FALSE
Lutheran	B	SILRII	-0.01 (-0.03 - 0.00)	0.136	0.136	FALSE
Lutheran	B	STNFRI	0.00 (-0.01 - 0.02)	0.458	0.458	FALSE
Lutheran	B	STNFRII	0.01 (-0.01 - 0.02)	0.340	0.340	FALSE
Lutheran	B	SVEGFR2	-0.00 (-0.01 - 0.01)	0.923	0.923	FALSE
Lutheran	B	SVEGFR3	0.01 (-0.02 - 0.04)	0.423	0.423	FALSE
Lutheran	B	TARC	-0.00 (-0.03 - 0.02)	0.798	0.798	FALSE
Lutheran	B	TGF A	0.02 (-0.02 - 0.07)	0.305	0.305	FALSE
Lutheran	B	TGF B1	-0.06 (-0.11 - -0.01)	0.018	0.018	FALSE
Lutheran	B	TNFA	-0.01 (-0.03 - 0.01)	0.559	0.559	FALSE
Lutheran	B	TPO	0.02 (-0.05 - 0.08)	0.635	0.635	FALSE
Lutheran	B	TRAIL	0.01 (-0.02 - 0.03)	0.623	0.623	FALSE
Lutheran	B	VEGF	0.02 (-0.04 - 0.08)	0.460	0.460	FALSE
Lutheran	B	X6CKINE	-0.03 (-0.07 - 0.01)	0.108	0.108	FALSE
Duffy	B	ADIPONECTIN	-0.00 (-0.03 - 0.02)	0.783	0.321	FALSE
Duffy	B	ADIPSIN	0.00 (-0.02 - 0.02)	0.982	0.446	FALSE
Duffy	B	AMYLIN	-0.02 (-0.10 - 0.05)	0.558	0.244	FALSE
Duffy	B	BCA 1	-0.01 (-0.02 - 0.01)	0.271	0.544	FALSE
Duffy	B	C PEPTIDE	0.01 (-0.03 - 0.04)	0.793	0.802	FALSE
Duffy	B	CCL19 MIP3B	-0.01 (-0.03 - 0.00)	0.149	0.351	FALSE
Duffy	B	CCL20 MIP3A	-0.01 (-0.04 - 0.02)	0.463	0.661	FALSE
Duffy	B	CRP	-0.01 (-0.04 - 0.03)	0.704	0.872	FALSE
Duffy	B	CTACK	-0.00 (-0.01 - 0.01)	0.864	0.235	FALSE
Duffy	B	CXCL11 I TAC	0.03 (0.01 - 0.05)	0.003	0.008	FALSE
Duffy	B	CXCL6 GCP2	0.06 (0.05 - 0.07)	0.000	0.000	TRUE
Duffy	B	CXCL9 MIG	-0.00 (-0.02 - 0.02)	0.826	0.859	FALSE
Duffy	B	EGF	-0.02 (-0.05 - 0.01)	0.234	0.373	FALSE
Duffy	B	ENA 78	0.07 (0.06 - 0.09)	0.000	0.000	TRUE
Duffy	B	EOTAXIN 2	0.02 (-0.00 - 0.04)	0.104	0.029	FALSE
Duffy	B	EOTAXIN	0.12 (0.10 - 0.13)	0.000	0.000	TRUE
Duffy	B	G CSF	-0.01 (-0.04 - 0.01)	0.294	0.157	FALSE
Duffy	B	GIP	0.00 (-0.06 - 0.06)	0.914	0.791	FALSE
Duffy	B	GRO	0.06 (0.05 - 0.07)	0.000	0.000	TRUE
Duffy	B	IL 13	-0.32 (-0.65 - 0.02)	0.064	0.112	FALSE
Duffy	B	IL 16	-0.00 (-0.04 - 0.04)	0.836	0.646	FALSE
Duffy	B	IL 17	-0.08 (-0.18 - 0.02)	0.119	0.074	FALSE
Duffy	B	IL 23	0.24 (-0.26 - 0.73)	0.344	0.001	FALSE
Duffy	B	IL 8	0.05 (0.03 - 0.08)	0.000	0.000	FALSE
Duffy	B	INSULIN	-0.02 (-0.07 - 0.03)	0.388	0.418	FALSE
Duffy	B	IP 10	-0.00 (-0.02 - 0.01)	0.545	0.617	FALSE
Duffy	B	LEPTIN	-0.01 (-0.06 - 0.04)	0.774	0.252	FALSE

Duffy	B	LIPOCALIN 2 NGAL	0.01 (-0.02 - 0.04)	0.674	0.054	FALSE
Duffy	B	MCP 1	0.12 (0.11 - 0.13)	0.000	0.000	TRUE
Duffy	B	MCP 2	-0.03 (-0.05 - -0.01)	0.001	0.001	FALSE
Duffy	B	MCP 4	0.15 (0.12 - 0.17)	0.000	0.000	TRUE
Duffy	B	MDC	0.00 (-0.01 - 0.01)	0.923	0.212	FALSE
Duffy	B	MIP 1B	0.02 (0.00 - 0.04)	0.040	0.121	FALSE
Duffy	B	MIP 1D	0.01 (-0.00 - 0.03)	0.120	0.206	FALSE
Duffy	B	PAI 1	-0.00 (-0.02 - 0.02)	0.937	0.482	FALSE
Duffy	B	PP	0.02 (-0.05 - 0.08)	0.634	0.875	FALSE
Duffy	B	RESISTIN	0.02 (-0.00 - 0.04)	0.100	0.039	FALSE
Duffy	B	SAA	-0.03 (-0.06 - 0.01)	0.129	0.196	FALSE
Duffy	B	SAP	-0.01 (-0.02 - 0.00)	0.149	0.350	FALSE
Duffy	B	SDF 1A B	0.01 (-0.00 - 0.02)	0.266	0.286	FALSE
Duffy	B	SEGFR	-0.00 (-0.01 - 0.01)	0.691	0.923	FALSE
Duffy	B	SGP130	-0.00 (-0.01 - 0.01)	0.982	0.984	FALSE
Duffy	B	SIL4R	0.01 (0.00 - 0.02)	0.027	0.060	FALSE
Duffy	B	SIL6R	0.00 (-0.00 - 0.01)	0.376	0.675	FALSE
Duffy	B	SILRII	-0.00 (-0.01 - 0.01)	0.712	0.934	FALSE
Duffy	B	STNFRI	-0.00 (-0.01 - 0.01)	0.816	0.924	FALSE
Duffy	B	STNFRII	-0.00 (-0.01 - 0.01)	0.720	0.891	FALSE
Duffy	B	SVEGFR2	0.00 (-0.01 - 0.01)	0.822	0.901	FALSE
Duffy	B	SVEGFR3	0.01 (-0.01 - 0.04)	0.191	0.211	FALSE
Duffy	B	TARC	0.05 (0.03 - 0.07)	0.000	0.000	TRUE
Duffy	B	TGF A	-0.01 (-0.04 - 0.02)	0.546	0.424	FALSE
Duffy	B	TGF B1	-0.01 (-0.04 - 0.03)	0.740	0.927	FALSE
Duffy	B	TNFA	0.00 (-0.01 - 0.01)	0.994	0.997	FALSE
Duffy	B	TPO	-0.06 (-0.10 - -0.01)	0.024	0.078	FALSE
Duffy	B	TRAIL	-0.01 (-0.03 - 0.01)	0.229	0.464	FALSE
Duffy	B	VEGF	-0.01 (-0.05 - 0.03)	0.657	0.443	FALSE
Duffy	B	X6CKINE	0.01 (-0.02 - 0.03)	0.571	0.491	FALSE
ABO	A	ADIPONECTIN	0.03 (-0.01 - 0.07)	0.206	0.006	FALSE
ABO	A	ADIPONECTIN	-0.06 (-0.20 - 0.07)	0.344	0.006	FALSE
ABO	A	ADIPSIN	-0.01 (-0.04 - 0.02)	0.439	0.786	FALSE
ABO	A	ADIPSIN	-0.03 (-0.10 - 0.04)	0.384	0.786	FALSE
ABO	A	AMYLIN	-0.06 (-0.19 - 0.07)	0.386	0.007	FALSE
ABO	A	AMYLIN	-0.12 (-0.44 - 0.20)	0.456	0.007	FALSE
ABO	A	BCA 1	-0.01 (-0.04 - 0.01)	0.329	0.211	FALSE
ABO	A	BCA 1	0.03 (-0.03 - 0.09)	0.353	0.211	FALSE
ABO	A	C PEPTIDE	-0.01 (-0.10 - 0.08)	0.792	0.624	FALSE
ABO	A	C PEPTIDE	0.02 (-0.09 - 0.14)	0.715	0.624	FALSE
ABO	A	CCL19 MIP3B	0.00 (-0.02 - 0.03)	0.735	0.129	FALSE
ABO	A	CCL19 MIP3B	0.03 (-0.06 - 0.12)	0.508	0.129	FALSE
ABO	A	CCL20 MIP3A	0.01 (-0.04 - 0.07)	0.621	0.063	FALSE
ABO	A	CCL20 MIP3A	0.02 (-0.14 - 0.18)	0.826	0.063	FALSE
ABO	A	CRP	0.05 (-0.01 - 0.10)	0.108	0.318	FALSE
ABO	A	CRP	0.03 (-0.14 - 0.20)	0.696	0.318	FALSE
ABO	A	CTACK	-0.02 (-0.04 - -0.01)	0.009	0.066	FALSE
ABO	A	CTACK	0.01 (-0.03 - 0.05)	0.695	0.066	FALSE
ABO	A	CXCL11 I TAC	-0.02 (-0.05 - 0.01)	0.228	0.000	FALSE
ABO	A	CXCL11 I TAC	-0.04 (-0.12 - 0.04)	0.365	0.000	FALSE
ABO	A	CXCL6 GCP2	0.01 (-0.01 - 0.03)	0.302	0.005	FALSE
ABO	A	CXCL6 GCP2	0.03 (-0.03 - 0.08)	0.303	0.005	FALSE
ABO	A	CXCL9 MIG	-0.00 (-0.03 - 0.03)	0.905	0.168	FALSE
ABO	A	CXCL9 MIG	0.03 (-0.07 - 0.12)	0.571	0.168	FALSE

ABO	A	EGF	0.06 (0.00 - 0.11)	0.038	0.205	FALSE
ABO	A	EGF	-0.03 (-0.19 - 0.13)	0.698	0.205	FALSE
ABO	A	ENA 78	0.03 (-0.00 - 0.05)	0.061	0.530	FALSE
ABO	A	ENA 78	0.03 (-0.05 - 0.10)	0.463	0.530	FALSE
ABO	A	EOTAXIN 2	0.03 (-0.01 - 0.06)	0.109	0.142	FALSE
ABO	A	EOTAXIN 2	-0.08 (-0.21 - 0.04)	0.205	0.142	FALSE
ABO	A	EOTAXIN	0.01 (-0.02 - 0.04)	0.458	0.146	FALSE
ABO	A	EOTAXIN	-0.01 (-0.04 - 0.03)	0.663	0.146	FALSE
ABO	A	G CSF	0.03 (-0.02 - 0.07)	0.218	0.239	FALSE
ABO	A	G CSF	0.04 (-0.08 - 0.16)	0.502	0.239	FALSE
ABO	A	GIP	0.08 (-0.02 - 0.18)	0.107	0.003	FALSE
ABO	A	GIP	-0.00 (-0.18 - 0.18)	0.985	0.003	FALSE
ABO	A	GRO	0.00 (-0.01 - 0.02)	0.776	0.663	FALSE
ABO	A	GRO	0.01 (-0.05 - 0.07)	0.738	0.663	FALSE
ABO	A	IL 16	0.02 (-0.05 - 0.09)	0.646	0.431	FALSE
ABO	A	IL 16	0.06 (-0.17 - 0.30)	0.598	0.431	FALSE
ABO	A	IL 17	0.00 (-0.17 - 0.18)	0.960	0.233	FALSE
ABO	A	IL 17	0.15 (-0.34 - 0.64)	0.558	0.233	FALSE
ABO	A	IL 8	-0.00 (-0.04 - 0.04)	0.935	0.007	FALSE
ABO	A	IL 8	0.11 (-0.04 - 0.25)	0.147	0.007	FALSE
ABO	A	INSULIN	0.04 (-0.07 - 0.14)	0.519	0.084	FALSE
ABO	A	INSULIN	-0.02 (-0.18 - 0.14)	0.799	0.084	FALSE
ABO	A	IP 10	-0.01 (-0.03 - 0.01)	0.432	0.043	FALSE
ABO	A	IP 10	0.05 (-0.01 - 0.11)	0.131	0.043	FALSE
ABO	A	LEPTIN	0.01 (-0.08 - 0.11)	0.797	0.403	FALSE
ABO	A	LEPTIN	0.03 (-0.24 - 0.31)	0.815	0.403	FALSE
ABO	A	LIPOCALIN 2 NGAL	-0.11 (-0.23 - -0.00)	0.046	0.084	FALSE
ABO	A	LIPOCALIN 2 NGAL	0.11 (-0.03 - 0.25)	0.133	0.084	FALSE
ABO	A	MCP 1	0.01 (-0.00 - 0.03)	0.140	0.157	FALSE
ABO	A	MCP 1	-0.01 (-0.04 - 0.02)	0.619	0.157	FALSE
ABO	A	MCP 2	0.02 (-0.00 - 0.05)	0.102	0.033	FALSE
ABO	A	MCP 2	-0.07 (-0.19 - 0.05)	0.224	0.033	FALSE
ABO	A	MCP 4	0.01 (-0.03 - 0.05)	0.730	0.300	FALSE
ABO	A	MCP 4	0.03 (-0.06 - 0.12)	0.481	0.300	FALSE
ABO	A	MDC	0.00 (-0.01 - 0.02)	0.603	0.340	FALSE
ABO	A	MDC	0.03 (-0.00 - 0.07)	0.076	0.340	FALSE
ABO	A	MIP 1B	0.01 (-0.02 - 0.05)	0.482	0.806	FALSE
ABO	A	MIP 1B	0.05 (-0.01 - 0.11)	0.128	0.806	FALSE
ABO	A	MIP 1D	-0.02 (-0.06 - 0.02)	0.328	0.135	FALSE
ABO	A	MIP 1D	-0.01 (-0.11 - 0.08)	0.765	0.135	FALSE
ABO	A	PAI 1	-0.01 (-0.04 - 0.03)	0.683	0.010	FALSE
ABO	A	PAI 1	-0.08 (-0.12 - -0.03)	0.000	0.010	FALSE
ABO	A	PP	0.09 (0.00 - 0.18)	0.040	0.085	FALSE
ABO	A	PP	0.15 (-0.01 - 0.30)	0.064	0.085	FALSE
ABO	A	RESISTIN	-0.04 (-0.09 - -0.00)	0.048	0.105	FALSE
ABO	A	RESISTIN	0.06 (-0.02 - 0.13)	0.145	0.105	FALSE
ABO	A	SAA	0.09 (0.02 - 0.16)	0.014	0.168	FALSE
ABO	A	SAA	0.02 (-0.16 - 0.21)	0.810	0.168	FALSE
ABO	A	SAP	0.01 (-0.01 - 0.03)	0.428	0.795	FALSE
ABO	A	SAP	-0.01 (-0.06 - 0.04)	0.614	0.795	FALSE
ABO	A	SDF 1A B	-0.02 (-0.04 - 0.00)	0.086	0.060	FALSE
ABO	A	SDF 1A B	0.01 (-0.05 - 0.07)	0.718	0.060	FALSE
ABO	A	SEGFR	0.01 (0.00 - 0.03)	0.044	0.080	FALSE
ABO	A	SEGFR	-0.01 (-0.04 - 0.02)	0.573	0.080	FALSE

ABO	A	SGP130	-0.02 (-0.04 - -0.01)	0.007	0.000	TRUE
ABO	A	SGP130	-0.01 (-0.04 - 0.02)	0.587	0.000	TRUE
ABO	A	SIL4R	0.01 (-0.02 - 0.03)	0.621	0.302	FALSE
ABO	A	SIL4R	0.06 (0.00 - 0.13)	0.041	0.302	FALSE
ABO	A	SIL6R	0.01 (-0.01 - 0.03)	0.285	0.569	FALSE
ABO	A	SIL6R	0.02 (-0.02 - 0.06)	0.409	0.569	FALSE
ABO	A	SILRII	0.01 (-0.01 - 0.03)	0.208	0.086	FALSE
ABO	A	SILRII	0.01 (-0.04 - 0.05)	0.750	0.086	FALSE
ABO	A	STNFRI	0.00 (-0.01 - 0.02)	0.630	0.396	FALSE
ABO	A	STNFRI	-0.01 (-0.04 - 0.02)	0.564	0.396	FALSE
ABO	A	STNFRII	0.00 (-0.02 - 0.02)	0.888	0.903	FALSE
ABO	A	STNFRII	-0.00 (-0.04 - 0.03)	0.806	0.903	FALSE
ABO	A	SVEGFR2	-0.03 (-0.05 - -0.01)	0.000	0.000	TRUE
ABO	A	SVEGFR2	-0.02 (-0.06 - 0.01)	0.181	0.000	TRUE
ABO	A	SVEGFR3	-0.09 (-0.14 - -0.05)	0.000	0.000	TRUE
ABO	A	SVEGFR3	0.04 (-0.06 - 0.14)	0.470	0.000	TRUE
ABO	A	TARC	0.02 (-0.01 - 0.05)	0.294	0.755	FALSE
ABO	A	TARC	-0.00 (-0.08 - 0.08)	0.991	0.755	FALSE
ABO	A	TGF A	0.05 (-0.01 - 0.11)	0.081	0.037	FALSE
ABO	A	TGF A	0.10 (-0.01 - 0.21)	0.084	0.037	FALSE
ABO	A	TGF B1	0.02 (-0.04 - 0.07)	0.528	0.545	FALSE
ABO	A	TGF B1	0.05 (-0.06 - 0.17)	0.366	0.545	FALSE
ABO	A	TNFA	-0.01 (-0.03 - 0.02)	0.696	0.155	FALSE
ABO	A	TNFA	0.02 (-0.03 - 0.06)	0.478	0.155	FALSE
ABO	A	TPO	0.06 (-0.03 - 0.14)	0.186	0.269	FALSE
ABO	A	TPO	0.03 (-0.24 - 0.30)	0.825	0.269	FALSE
ABO	A	TRAIL	-0.01 (-0.04 - 0.02)	0.557	0.491	FALSE
ABO	A	TRAIL	-0.11 (-0.27 - 0.05)	0.163	0.491	FALSE
ABO	A	VEGF	0.07 (-0.01 - 0.14)	0.082	0.638	FALSE
ABO	A	VEGF	0.03 (-0.21 - 0.26)	0.823	0.638	FALSE
ABO	A	X6CKINE	0.01 (-0.04 - 0.06)	0.764	0.273	FALSE
ABO	A	X6CKINE	0.01 (-0.12 - 0.14)	0.853	0.273	FALSE

Supplementary Table 6

Estimate	Standard Error	T-Value	P-Value	Blood Group	Race	Phenotype	Wald Joint P-Value	Marker
-0.024	0.017	-1.349	0.18	ABO	black	A	0.01	svegfr2
0.146	0.030	4.927	0.00	ABO	black	AB	0.01	svegfr2
-0.013	0.026	-0.522	0.60	ABO	black	B	0.01	svegfr2
-0.034	0.027	-1.289	0.20	ABO	asian	A	0.26	svegfr2
0.036	0.045	0.811	0.42	ABO	asian	AB	0.26	svegfr2
0.005	0.028	0.180	0.86	ABO	asian	B	0.26	svegfr2
-0.135	0.058	-2.339	0.03	ABO	hispanic	A	0.02	svegfr2
-0.221	0.091	-2.439	0.02	ABO	hispanic	B	0.02	svegfr2
0.001	0.044	0.029	0.98	ABO	black	A	0.51	svegfr3
-0.222	0.194	-1.144	0.25	ABO	black	AB	0.51	svegfr3
-0.056	0.075	-0.748	0.45	ABO	black	B	0.51	svegfr3
0.044	0.079	0.565	0.57	ABO	asian	A	0.71	svegfr3
-0.029	0.091	-0.323	0.75	ABO	asian	AB	0.71	svegfr3
0.065	0.073	0.883	0.38	ABO	asian	B	0.71	svegfr3
0.167	0.117	1.428	0.17	ABO	hispanic	A	0.03	svegfr3
-0.488	0.182	-2.683	0.01	ABO	hispanic	B	0.03	svegfr3
-0.050	0.020	-2.471	0.01	ABO	black	A	0.00	sgp130
0.083	0.030	2.776	0.01	ABO	black	AB	0.00	sgp130
-0.039	0.027	-1.426	0.16	ABO	black	B	0.00	sgp130
0.020	0.035	0.589	0.56	ABO	asian	A	0.76	sgp130
0.048	0.056	0.861	0.39	ABO	asian	AB	0.76	sgp130
0.019	0.033	0.572	0.57	ABO	asian	B	0.76	sgp130
0.007	0.039	0.168	0.87	ABO	hispanic	A	0.46	sgp130
-0.084	0.063	-1.331	0.20	ABO	hispanic	B	0.46	sgp130
0.151	0.078	1.952	0.05	Duffy	black	FYA+B+	0.00	eotaxin
-0.081	0.062	-1.298	0.20	Duffy	black	FYA-B+	0.00	eotaxin
0.485	0.064	7.601	0.02	Duffy	asian	FYA+B+	0.02	eotaxin
0.552	0.144	3.844	0.01	Duffy	hispanic	FYA+B+	0.03	eotaxin
0.332	0.174	1.907	0.11	Duffy	hispanic	FYA-B+	0.03	eotaxin
-0.215	0.155	-1.387	0.17	Duffy	black	FYA+B+	0.44	mcp_4
-0.084	0.133	-0.635	0.53	Duffy	black	FYA-B+	0.44	mcp_4
1.263	0.076	16.528	0.00	Duffy	asian	FYA+B+	0.00	mcp_4
0.643	0.114	5.627	0.00	Duffy	hispanic	FYA+B+	0.01	mcp_4
0.920	0.197	4.660	0.01	Duffy	hispanic	FYA-B+	0.01	mcp_4
0.058	0.114	0.510	0.61	Duffy	black	FYA+B+	0.00	ena_78
0.356	0.085	4.180	0.00	Duffy	black	FYA-B+	0.00	ena_78
0.232	0.128	1.815	0.21	Duffy	asian	FYA+B+	0.22	ena_78
0.178	0.075	2.378	0.08	Duffy	hispanic	FYA+B+	0.05	ena_78
0.037	0.125	0.292	0.79	Duffy	hispanic	FYA-B+	0.05	ena_78
0.039	0.067	0.579	0.56	Duffy	black	FYA+B+	0.00	mcp_1
-0.102	0.045	-2.273	0.02	Duffy	black	FYA-B+	0.00	mcp_1
1.097	0.070	15.732	0.00	Duffy	asian	FYA+B+	0.00	mcp_1
0.003	0.121	0.023	0.98	Duffy	hispanic	FYA+B+	0.20	mcp_1
0.220	0.135	1.635	0.16	Duffy	hispanic	FYA-B+	0.20	mcp_1
0.187	0.135	1.377	0.17	Duffy	black	FYA+B+	0.00	cxcl6_gcp2
0.356	0.108	3.307	0.00	Duffy	black	FYA-B+	0.00	cxcl6_gcp2
0.572	0.037	15.597	0.00	Duffy	asian	FYA+B+	0.00	cxcl6_gcp2
0.229	0.056	4.056	0.02	Duffy	hispanic	FYA+B+	0.05	cxcl6_gcp2
0.167	0.117	1.424	0.23	Duffy	hispanic	FYA-B+	0.05	cxcl6_gcp2
-0.380	0.096	-3.943	0.00	Duffy	black	FYA+B+	0.00	tarc
0.011	0.069	0.153	0.88	Duffy	black	FYA-B+	0.00	tarc
1.231	0.406	3.029	0.09	Duffy	asian	FYA+B+	0.10	tarc
0.396	0.139	2.844	0.05	Duffy	hispanic	FYA+B+	0.09	tarc
0.234	0.259	0.904	0.42	Duffy	hispanic	FYA-B+	0.09	tarc
-0.015	0.101	-0.145	0.89	Duffy	black	FYA+B+	0.00	gro
0.329	0.090	3.658	0.00	Duffy	black	FYA-B+	0.00	gro
0.682	0.033	20.806	0.00	Duffy	asian	FYA+B+	0.00	gro
0.212	0.123	1.727	0.14	Duffy	hispanic	FYA+B+	0.11	gro
0.470	0.186	2.530	0.05	Duffy	hispanic	FYA-B+	0.11	gro

Note: Not all racial groups had individuals with each given phenotype. Omitted levels denote instances where no individual in that racial category had that phenotype.

Supplementary Table 7

	Lung	LungRep	NHL	Ovarian
Cases	526	526	301	149
Controls	592	625	301	149
% Samples Collected At Baseline	100	100	100	11.4
Median (IQR) Time to Cancer Diagnosis	2.9 (1.1 - 5.1)	3.7 (2.5 - 5.9)	8.0 (5.0 - 13.9)	4.2 (2.8 - 6.7)
Eligibility Criteria				
	Blood Serum Available	Blood Serum Available	Blood Serum Available	Blood Serum Available
	Consent	Consent	Consent	Consent
	No Cancer History	No Cancer History	No Cancer History	No Cancer History
	Complete Smoking History	Complete Smoking History		Female
	No multiple cancers during follow up	No multiple cancers during follow up		No control with oopherectomy
Matching Criteria				
	5 year age category	5 year age category	5 year age category	5 year age category
	Sex	Sex	Race	Race
	Randomization Year	Study Year of Blood draw	Study Center	Study Center
	Smoking Status	Smoking Status	Time of blood draw (am/pm)	Time of blood draw (am/pm)
	Cumulative Smoking at baseline	Cumulative Smoking at baseline	Date	Date
	Time since quitting	Time since quitting		

Endometrial	UpperGI	Colorectal
284	63	171
284	63	344
90.1	80.2	87
5.3 (2.1 - 9.1)	6.5 (3.6 - 9.5)	Not Reported
Blood Serum Available	Blood Serum Available	Blood Serum Available
Consent	Consent	Consent
No Cancer History	No Cancer History	No Cancer History
Female		Complete Smoking History
No control with hysterectomy		Non-Hispanic White
		Received Sigmoidoscopy
		No self reported ulcerative colitis, Crohn's Gardner's or familial polyposis
5 year age category	1 year age	Used Lung, NHL, Ovarian samples
Race	Sex	
Study Year of Blood draw	Race	
Randomization Year	Study Year of Exit	
	Number Freeze/thaw cycles	

Supplementary Table 8
Mean(SD) Log-transformed Marker Concentration in Each Study

Marker	Studies	%Below LLOD	% Above ULOD	LungRep	Endometrial	Lung	NHL	Ovarian	Pilot1	UpperGI	Colorectal
ADIPONECTIN	EN GI CO	0.07	0.89		7.3 (0.3)					7.3 (0.5)	7.2 (0.3)
ADIPSIN	EN GI CO	0.07	0.14		6.6 (0.2)					6.5 (0.3)	6.7 (0.1)
AMYLIN	NH OV P1	44.50	0.00				1.4 (0.3)	1.6 (0.3)	1.7 (0.2)		
BCA_1	LR EN LU NH P1 GI CO	0.02	0.02	1.4 (0.2)	1.4 (0.2)	1.3 (0.3)	1.3 (0.2)		1.4 (0.3)	1.3 (0.3)	1.4 (0.2)
C_PEPTIDE	NH OV P1	0.30	0.00				3.3 (0.3)	3.4 (0.3)	3.3 (0.3)		
CCL19_MIP3B	LR EN LU NH P1 GI CO	0.07	0.00	2.0 (0.2)	2.1 (0.2)	1.7 (0.2)	1.8 (0.3)		2.1 (0.3)	2.1 (0.2)	2.1 (0.2)
CCL20_MIP3A	LR EN LU NH P1 GI CO	35.22	0.00	0.6 (0.5)	0.5 (0.5)	0.6 (0.4)	0.6 (0.4)		0.8 (0.3)	0.5 (0.3)	0.6 (0.5)
CRP	LR EN LU OV P1 GI CO	0.10	5.08	7.3 (0.4)	7.3 (0.5)	6.7 (0.5)		7.0 (0.6)	6.7 (0.6)	6.9 (0.5)	7.2 (0.5)
CTACK	LR EN LU NH P1 GI CO	0.00	0.02	2.9 (0.1)	2.9 (0.1)	2.9 (0.1)	2.8 (0.1)		2.8 (0.2)	2.9 (0.1)	2.9 (0.2)
CXCL11_I_TAC	LR EN LU NH P1 GI CO	0.19	0.02	1.7 (0.3)	1.7 (0.3)	1.5 (0.3)	1.5 (0.3)		1.6 (0.4)	1.6 (0.3)	1.7 (0.3)
CXCL6_GCP2	LR EN LU NH P1 GI CO	0.07	0.00	1.9 (0.2)	1.9 (0.2)	1.8 (0.2)	1.8 (0.2)		2.0 (0.2)	1.7 (0.2)	1.9 (0.2)
CXCL9_MIG	LR EN LU NH P1 GI CO	0.07	0.00	3.0 (0.3)	3.0 (0.3)	2.7 (0.3)	2.7 (0.3)		3.3 (0.3)	3.0 (0.3)	3.0 (0.3)
EGF	LR EN LU NH OV P1 GI CO	14.80	0.00	1.7 (0.4)	1.8 (0.4)	1.8 (0.5)	1.4 (0.6)	1.6 (0.4)	1.9 (0.5)	1.7 (0.6)	1.7 (0.4)
ENA_78	LR EN LU NH P1 GI CO	0.02	0.00	3.0 (0.2)	3.1 (0.2)	2.9 (0.3)	2.8 (0.3)		3.0 (0.3)	2.9 (0.2)	3.0 (0.3)
EOTAXIN	LR EN LU NH P1 GI CO	0.02	0.00	2.1 (0.2)	2.0 (0.2)	2.0 (0.2)	1.8 (0.2)	1.8 (0.2)	2.1 (0.3)	2.2 (0.3)	2.1 (0.2)
EOTAXIN_2	P1	0.00	0.00	2.9 (0.3)	2.9 (0.3)	3.0 (0.3)	2.9 (0.3)		3.0 (0.3)	3.0 (0.3)	2.9 (0.3)
EOTAXIN_3	LR EN LU NH OV P1 GI CO	0.20	0.00						1.3 (0.2)		
FGF_2	LR EN LU NH OV P1 GI CO	65.53	0.05	1.2 (0.5)	1.4 (0.6)	1.2 (0.5)	1.1 (0.4)	1.1 (0.4)	2.7 (0.2)	1.3 (0.6)	1.3 (0.5)
FLT_3L	LU NH OV P1	89.83	0.00			1.0 (0.3)	0.3 (0.4)	0.3 (0.4)	1.6 (0.4)		
FRACTALKINE	LU NH OV P1 GI	77.70	0.00			1.2 (0.5)	1.0 (0.3)	1.0 (0.4)	1.8 (0.7)	2.2 (0.3)	
G_CSF	LR EN LU NH OV P1 GI CO	45.00	0.00	1.3 (0.4)	1.4 (0.4)	1.3 (0.4)	1.1 (0.3)	1.2 (0.4)	1.3 (0.4)	1.2 (0.4)	1.3 (0.4)
GHRELIN	P1	0.00	0.00						1.5 (0.3)		
GIP	NH OV P1	0.60	0.00				1.4 (0.4)	1.7 (0.5)	1.6 (0.4)		
GLP_1	NH OV P1	71.52	0.00				1.0 (0.3)	1.1 (0.4)	1.8 (0.4)		
GLUCAGON	NH OV P1	74.29	0.11				1.0 (0.4)	1.5 (0.3)	1.8 (0.5)		
GM_CSF	LU NH OV P1 GI	59.09	0.00			0.5 (0.5)	0.1 (0.8)	0.6 (0.5)	1.4 (0.4)	1.6 (0.6)	
GRO	LR EN LU NH OV P1 GI CO	0.05	0.05	2.7 (0.2)	2.9 (0.1)	2.9 (0.2)	2.6 (0.2)	2.7 (0.2)	3.0 (0.2)	2.9 (0.2)	2.8 (0.2)
I_309	P1	0.00	0.00						0.4 (0.3)		
IFNA2	LU NH OV P1	84.66	0.00			1.0 (0.3)	0.4 (0.5)	0.4 (0.5)	1.3 (0.7)		
IFNG	LU NH OV P1	54.82	0.00			0.3 (0.9)	0.1 (0.8)	0.4 (0.4)	1.1 (0.5)		
IL_10	LU NH OV P1 GI	66.27	0.00			-0.1 (0.7)	0.5 (0.5)	-0.0 (0.8)	0.9 (0.3)	0.9 (0.6)	
IL_11	LU NH P1	72.37	0.00			0.6 (0.4)	0.6 (0.5)		1.9 (0.4)		
IL_12P40	LU NH OV P1	78.22	0.00			1.0 (0.4)	0.6 (0.6)	0.6 (0.7)	1.7 (0.5)		
IL_12P70	LU NH OV P1 GI	78.09	0.05			-0.3 (0.6)	-0.2 (0.7)	0.3 (0.4)	0.7 (0.6)	0.3 (0.5)	
IL_13	P1 GI	9.80	0.00						0.6 (0.5)	0.8 (0.8)	
IL_15	LU NH OV P1	79.08	0.00			-0.3 (0.5)	-0.2 (0.7)	-0.2 (0.6)	0.5 (0.4)		
IL_16	LR EN LU NH P1 GI CO	38.39	0.02	1.2 (0.5)	1.2 (0.5)	1.1 (0.5)	1.4 (0.4)		1.8 (0.4)	1.6 (1.0)	1.2 (0.5)
IL_17	LU NH OV P1 GI	45.68	0.00			0.0 (0.7)	0.1 (0.7)	0.0 (0.5)	0.6 (0.5)	0.7 (0.5)	
IL_1A	LU NH OV P1	78.15	0.00			0.4 (0.6)	0.4 (0.5)	0.4 (0.5)	1.5 (0.4)		
IL_1B	LU NH OV P1 GI	68.30	0.00			-0.2 (0.6)	-0.0 (0.8)	-0.1 (0.7)	0.6 (0.6)	-0.2 (0.4)	
IL_1RA	LR EN LU NH OV P1 GI CO	70.54	0.12	1.1 (0.4)	1.2 (0.5)	1.1 (0.4)	1.2 (0.5)	0.7 (0.8)	1.1 (0.6)	1.4 (0.8)	1.2 (0.5)
IL_2	LU NH OV P1	74.42	0.00			-0.2 (0.6)	-0.0 (0.7)	-0.1 (0.7)	0.4 (0.5)		
IL_20	P1	0.00	0.00						2.3 (0.3)		
IL_21	GI	72.22	0.00						1.2 (0.6)	-0.4 (0.5)	
IL_23	P1 GI	6.32	0.00						2.5 (0.9)	2.3 (0.8)	
IL_28A	P1	0.00	0.00						1.5 (0.6)		
IL_29_IFNL1	LR EN LU NH P1 GI CO	79.35	0.00	1.5 (0.3)	1.6 (0.4)	1.5 (0.3)	2.0 (0.2)		2.3 (0.4)	1.9 (0.5)	1.6 (0.4)
IL_3	LR EN LU NH OV GI CO	95.24	0.00								
IL_33	LR EN LU NH P1 GI CO	74.70	0.05	0.7 (0.7)	0.7 (0.6)	0.7 (0.7)	0.7 (0.7)		1.7 (0.8)	0.9 (0.8)	0.7 (0.6)
IL_4	LU NH OV GI	74.14	0.05			-0.2 (0.6)	0.4 (0.5)	0.5 (0.5)	2.7 (NA)	1.1 (0.6)	

IL_5	LU NH OV P1 GI	81.54	0.00			-0.4 (0.3)	-0.3 (0.4)	-0.4 (0.4)	0.2 (0.5)	0.2 (0.7)		
IL_6	LU NH OV P1 GI	64.08	0.00			-0.2 (0.6)	-0.0 (0.7)	-0.1 (0.6)	0.7 (0.5)	0.4 (0.4)		
IL_7	LR EN LU NH OV P1 GI CO	54.27	0.00	0.5 (0.3)	0.6 (0.3)	0.3 (0.3)	0.3 (0.3)	0.0 (0.5)	0.9 (0.5)	0.5 (0.3)	0.6 (0.3)	
IL_8	LR EN LU NH OV P1 GI CO	1.33	0.00	1.1 (0.4)	1.1 (0.4)	1.0 (0.4)	0.7 (0.4)	0.6 (0.5)	1.2 (0.3)	1.2 (0.6)	1.1 (0.4)	
IL_9	P1	0.00	0.00						0.7 (0.6)			
INSULIN	NH OV P1	4.30	0.00				2.7 (0.4)	2.8 (0.4)	2.9 (0.4)			
IP_10	LR EN LU NH OV P1 GI CO	0.00	0.00	2.6 (0.2)	2.7 (0.2)	2.5 (0.2)	2.4 (0.2)	2.5 (0.2)	2.6 (0.3)	2.6 (0.2)	2.6 (0.2)	
LEPTIN	NH OV P1	0.10	0.20				3.9 (0.4)	4.2 (0.4)	4.1 (0.5)			
LIF	LU NH P1	93.12	0.00									
LIPOCALIN_2_NGAL	EN GI CO	1.09	0.00		5.2 (0.4)					5.4 (0.3)	5.3 (0.3)	
MCP_1	LR EN LU NH OV P1 GI CO	0.05	0.00	2.7 (0.2)	2.7 (0.2)	2.6 (0.2)	2.4 (0.2)	2.5 (0.2)	2.8 (0.2)	2.8 (0.2)	2.7 (0.2)	
MCP_2	LR EN LU NH P1 GI CO	2.82	0.00	1.6 (0.3)	1.6 (0.3)	1.6 (0.3)	1.6 (0.2)		1.7 (0.2)	1.5 (0.2)	1.5 (0.3)	
MCP_3	LU NH OV P1	82.36	0.00			1.0 (0.3)	1.0 (0.3)	1.0 (0.3)	1.3 (0.5)			
MCP_4	LR EN LU NH P1 GI CO	32.07	0.02	1.7 (0.4)	1.6 (0.4)	2.0 (0.3)	1.9 (0.4)		2.0 (0.3)	1.8 (0.4)	1.6 (0.4)	
MDC	LR EN LU NH OV P1 GI CO	0.05	0.02	3.0 (0.2)	3.0 (0.2)	3.1 (0.2)	2.9 (0.2)	2.9 (0.2)	3.1 (0.2)	2.9 (0.2)	3.0 (0.2)	
MIP_1A	LU NH OV P1 GI	78.74	0.00			0.3 (0.2)	-0.1 (0.6)	0.3 (0.3)	1.5 (0.4)	1.3 (0.3)		
MIP_1B	LR EN LU NH OV P1 GI CO	10.65	0.00	1.6 (0.3)	1.6 (0.3)	1.5 (0.4)	1.3 (0.4)	1.3 (0.3)	1.7 (0.3)	1.4 (0.4)	1.6 (0.3)	
MIP_1D	LR EN LU NH P1 GI CO	0.12	0.02	3.2 (0.2)	3.2 (0.2)	3.3 (0.2)	3.2 (0.2)		3.4 (0.4)	3.3 (0.2)	3.2 (0.3)	
PAI_1	EN GI CO	0.07	0.00		4.9 (0.2)					4.8 (0.2)	4.9 (0.2)	
PP	NH OV P1	3.90	0.00				2.0 (0.5)	2.1 (0.4)	2.1 (0.3)			
PYY	NH OV P1	64.82	0.10				1.9 (0.3)	2.0 (0.3)	2.0 (0.3)			
RESISTIN	EN GI CO	0.48	0.00		4.4 (0.2)					4.5 (0.2)	4.4 (0.2)	
SAA	LR EN LUP1 GI CO	1.07	0.48	6.8 (0.5)	6.9 (0.4)	6.6 (0.5)			6.9 (0.5)	6.5 (0.6)	6.8 (0.5)	
SAP	LR EN LUP1 GI CO	0.06	0.00	7.7 (0.1)	7.7 (0.1)	7.5 (0.2)			7.6 (0.2)	7.0 (0.3)	7.7 (0.2)	
SCD30	LU NH OV P1	95.63	0.00									
SCD40L	LU NH OV P1	0.36	70.53			3.9 (0.4)	3.8 (0.4)	3.9 (0.3)	4.5 (0.8)			
SCF	LR EN LU NH P1 GI CO	59.94	0.02	0.3 (0.5)	0.4 (0.5)	0.7 (0.6)	0.4 (0.5)		1.4 (0.3)	0.6 (0.6)	0.5 (0.5)	
SDF_1A_B	LR EN LU NH P1 GI CO	0.05	0.02	3.5 (0.2)	3.5 (0.2)	3.4 (0.2)	3.5 (0.1)		3.3 (0.2)	3.2 (0.2)	3.5 (0.2)	
SEGFR	LR EN LU NH OV P1 GI CO	0.00	0.00	4.9 (0.1)	5.0 (0.1)	4.7 (0.1)	4.7 (0.1)	4.7 (0.1)	4.6 (0.2)	4.6 (0.1)	5.0 (0.1)	
SGP130	LR EN LU NH OV P1 GI CO	0.00	0.54	5.4 (0.1)	5.4 (0.1)	5.2 (0.2)	5.2 (0.1)	5.2 (0.1)	5.3 (0.3)	5.3 (0.1)	5.4 (0.1)	
SIL_2RA	LU NH OV P1	97.54	0.00			0.3 (0.5)	0.3 (0.3)	0.2 (0.2)	1.6 (0.5)			
SIL1RI	LU NH OV P1	89.96	0.00									
SIL4R	LR EN LU NH OV P1 GI CO	1.91	0.00	2.9 (0.1)	2.9 (0.2)	3.0 (0.1)	3.0 (0.1)	3.0 (0.1)	2.5 (0.3)	2.4 (0.8)	2.9 (0.2)	
SIL6R	LR EN LU NH OV P1 GI CO	0.00	0.00	4.4 (0.1)	4.5 (0.1)	4.2 (0.2)	4.2 (0.1)	4.2 (0.1)	4.3 (0.2)	4.3 (0.1)	4.4 (0.1)	
SILRII	LR EN LU NH OV P1 GI CO	0.16	0.00	3.8 (0.2)	3.8 (0.2)	3.7 (0.2)	3.7 (0.2)	3.7 (0.2)	3.8 (0.2)	3.8 (0.2)	3.8 (0.2)	
SRAGE	LU NH OV P1	91.36	0.00									
STNFRI	LR EN LU NH OV P1 GI CO	0.07	0.00	3.3 (0.1)	3.3 (0.1)	3.0 (0.2)	3.0 (0.1)	3.1 (0.1)	3.0 (0.3)	2.9 (0.2)	3.3 (0.1)	
STNFRII	LR EN LU NH OV P1 GI CO	0.00	0.00	4.0 (0.1)	3.9 (0.2)	3.7 (0.2)	3.7 (0.1)	3.7 (0.1)	3.7 (0.3)	3.8 (0.1)	3.9 (0.1)	
SVEGFR2	LU NH OV P1	0.00	0.00	4.2 (0.1)	4.2 (0.1)	4.1 (0.1)	4.1 (0.1)	4.1 (0.1)	3.8 (0.3)	4.0 (0.1)	4.2 (0.1)	
SVEGFR3	LR EN LU NH OV P1 GI CO	0.00	0.00	3.3 (0.3)	3.4 (0.4)	3.1 (0.4)	3.0 (0.3)	3.0 (0.3)	3.1 (0.4)	3.1 (0.3)	3.4 (0.3)	
SVEGFRI	LR EN LU NH OV P1 GI CO	12.64	0.00									
TARC	LR EN LU NH P1 GI CO	0.02	0.02	2.0 (0.3)	1.9 (0.3)	2.1 (0.3)	1.9 (0.3)		2.1 (0.3)	1.9 (0.3)	1.9 (0.3)	
TGF_A	LR EN LU NH OV P1 GI CO	20.98	0.05	0.3 (0.5)	0.4 (0.5)	0.2 (0.5)	0.2 (0.5)	0.2 (0.4)	0.8 (0.4)	-0.1 (0.7)	0.3 (0.5)	
TGF_B1	EN CO	0.00	0.00		4.4 (0.1)						4.3 (0.1)	
TNF_B	LR EN LU NH OV P1 GI CO	70.90	0.00	-0.2 (0.6)	-0.0 (0.8)	-0.2 (0.6)	0.0 (0.8)	-0.1 (0.7)	0.9 (0.6)	0.4 (1.3)	-0.0 (0.8)	
TNFA	LR EN LU NH OV P1 GI CO	0.52	0.00	0.9 (0.3)	1.0 (0.2)	0.8 (0.2)	0.7 (0.2)	0.7 (0.2)	0.9 (0.3)	0.8 (0.2)	1.0 (0.2)	
TPO	LR EN LU NH P1 GI CO	47.41	0.22	1.5 (0.8)	1.7 (0.7)	1.7 (0.6)	1.5 (0.8)		2.6 (0.4)	1.6 (1.1)	1.6 (0.7)	
TRAIL	LR EN LU NH P1 GI CO	1.09	0.02	1.6 (0.2)	1.6 (0.3)	1.3 (0.4)	1.5 (0.3)		1.5 (0.3)	1.8 (0.2)	1.6 (0.2)	
TSLP	LR EN LU NH P1 GI CO	80.83	0.07	0.3 (0.6)	0.3 (0.5)	0.3 (0.5)	0.3 (0.5)		1.2 (0.6)	0.6 (0.7)	0.3 (0.5)	
VEGF	LR EN LU NH OV P1 GI CO	31.47	0.00	1.7 (0.6)	1.9 (0.6)	1.9 (0.7)	1.5 (0.6)	1.4 (0.6)	2.2 (0.3)	1.8 (0.6)	1.8 (0.6)	
X6CKINE	LR EN LU NH P1 GI CO	15.32	0.02	2.3 (0.4)	2.2 (0.4)	2.4 (0.3)	2.3 (0.4)		2.6 (0.3)	2.3 (0.4)	2.3 (0.4)	
XCL1_LYMPHO	P1	0.00	0.00						1.9 (0.3)			