

Supplementary Table 1: Correlative Analysis Between Expression of Priority 1 Proteins and Serum Lipid Parameters and Liver Enzymes

		Apolipoprotein C-III	Apolipoprotein E	Apolipoprotein E precursor	Orosomucoid 1	Apolipoprotein B	Serum amyloid P component	Secreted folate binding protein	Transthyretin	Folate receptor 1	Endopeptidase 24.16 type M2
Total Cholesterol (mg/dl)	r	0.912	0.912	0.002	0.9	0.446	0.907	0.907	0.343	0.836	0.422
	p	<0.001	<0.001	0.993	<0.001	0.073	<0.001	<0.001	0.178	<0.001	0.092
LDL Cholesterol (mg/dl)	r	0.882	0.882	-0.002	0.873	0.311	0.887	0.887	0.24	0.782	0.314
	p	<0.001	<0.001	0.993	<0.001	0.224	<0.001	<0.001	0.353	<0.001	0.22
HDL Cholesterol (mg/dl)	r	0.765	0.765	-0.103	0.777	0.515	0.767	0.767	0.265	0.62	0.267
	p	<0.001	<0.001	0.694	<0.001	0.035	<0.001	<0.001	0.305	0.008	0.3
Triglycerides (mg/dl)	r	0.816	0.816	-0.02	0.772	0.255	0.821	0.821	0.26	0.73	0.365
	p	<0.001	<0.001	0.94	<0.001	0.323	<0.001	<0.001	0.314	0.001	0.149
AST (U/L)	r	0.594	0.592	0.157	0.582	0.237	0.548	0.548	0.293	0.602	0.334
	p	0.009	0.01	0.534	0.011	0.343	0.018	0.018	0.238	0.008	0.176
ALP (U/L)	r	0.554	0.544	-0.42	0.573	0.009	0.56	0.56	-0.046	0.48	-0.001
	p	0.017	0.02	0.083	0.013	0.971	0.016	0.016	0.855	0.044	0.997

		Ovarian and testicular apolipoprotein N	Paraoxonase 1	Similar to α -2-macroglobulin precursor	β -2-microglobulin	Retinoic acid-induced 14	Complement component 2	Fumarate hydratase	p101 protein	Carboxypeptidase B2 (plasma)	Complement component C8G
Total Cholesterol (mg/dl)	r	0.672	0.757	0.784	0.779	0.279	0.554	0.75	0.324	0.853	0.561
	p	0.003	<0.001	<0.001	<0.001	0.277	0.021	0.001	0.205	<0.001	0.019
LDL Cholesterol (mg/dl)	r	0.591	0.662	0.738	0.733	0.157	0.483	0.657	0.225	0.816	0.456
	p	0.013	0.004	0.001	0.001	0.548	0.05	0.004	0.384	<0.001	0.066
HDL Cholesterol (mg/dl)	r	0.564	0.659	0.539	0.525	0.289	0.377	0.637	0.409	0.833	0.608
	p	0.018	0.004	0.026	0.031	0.26	0.135	0.006	0.103	<0.001	0.01
Triglycerides (mg/dl)	r	0.576	0.61	0.701	0.76	0.255	0.51	0.615	0.186	0.708	0.375
	p	0.016	0.009	0.002	<0.001	0.323	0.037	0.009	0.474	0.001	0.138
AST (U/L)	r	0.367	0.496	0.552	0.539	-0.104	0.558	0.491	-0.018	0.529	0.279
	p	0.135	0.036	0.017	0.021	0.68	0.016	0.038	0.945	0.024	0.263
ALP (U/L)	r	0.176	0.255	0.356	0.222	-0.119	0.075	0.209	0.139	0.342	0.181
	p	0.484	0.307	0.147	0.376	0.639	0.766	0.404	0.581	0.165	0.473

Abbreviations: LDL; low-density lipoprotein, HDL; high-density lipoprotein, AST; aspartate aminotransferase, ALP; alkaline phosphatase.

Shading represents a significant relationship as assessed by Spearman's rank correlation.

Bold text represents independent predictors of lipid values and liver enzymes upon stepwise regression analysis.