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Table S1. Dataset description.

Phenotype	Consortium/First author	Participants	ICD-8 code	ICD-9 code	ICD-10 code	Adjustments	Web source/Pubmed ID
Type 2 diabetes (One-unit in log-transformed)	Vujkovic M et al. (2020)	148,726 cases, 965,732 controls				Age, sex, and the first 10 genetic principal components	32541925
Circulating protein level	deCODE/Ferkingstad et al. (2021)	35,559 Icelanders				Age, sex, and sample age	34857953
	UKB-PPP (UK Biobank Pharma Proteomics Project)/Sun et al. (2023)	54,219 European-ancestry individuals				Age, sex, batch, UKB center, UKB genetic array, time between blood sampling and measurement and the first 20 genetic principal components	37794186
	Fenland/Pietzner et al. (2021)	10,708 European-ancestry individuals				Age, sex, and the first ten genetic principal components and test site	34819519
Gastroesophageal reflux disease	FinnGen	26,184 cases, 320,387 controls		5301A	K21	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	14,223 cases, 369,275 controls			K21, K21.9	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Gastric ulcer	FinnGen	1,307 cases, 287,137 controls		531	K25	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	4,109 cases, 401,5252 controls		531.1, 531.5, 531.7, 531.9	K25.1, K25.3, K25.5, K25.7, K25.9	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Acute gastritis	FinnGen	2,370 cases, 320,387 controls	53500, 53501, 53502	535.0	K29.0, K29.1	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	1,184 cases, 378,124 controls		535	K29.0, K29.1	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Chronic gastritis (Atrophic gastritis)	FinnGen	9,570 cases, 320,387 controls	53503	535.1, 535.4	K29.3, K29.4, K29.5	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	370 cases, 378,124 controls		535.1	K29.4	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Irritable bowel syndrome	FinnGen	9,323 cases, 301,931 controls	56419	564.1	K58	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	5,548 cases, 334,783 controls		564.1	K58.0, K58.9	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Diverticular disease of intestine	FinnGen	30,649 cases, 301,931 controls	562	562	K57	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	27,311 cases, 334,783 controls		562.0, 562.1	K57.0, K57.1, K57.2, K57.3, K57.4, K57.5, K57.8, K57.9	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Cholelithiasis	FinnGen	37,041 cases, 330,903 controls	574	574	K80	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	13,777 cases, 391,307 controls		574.0, 574.1, 574.2	K80.0, K80.1, K80.2, K80.3, K80.4, K80.8	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Cholecystitis	FinnGen	4,299 cases, 330,903 controls	574, 57500,57501, 57502, 57503	574, 575.0, 575.1	K80, K81	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	2,761 cases, 391,307 controls		574.0, 574.1, 574.2, 575.0, 575.1	K80.0, K80.1, K80.2, K80.3, K80.4, K80.8, K81.0, K81.1, K81.8, K81.9	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Nonalcoholic fatty liver disease	FinnGen	2,275 cases, 375,002 controls			K76.0	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	1,664 cases, 400,055 controls		571.5, 571.8, 571.9	K74.0, K74.1, K74.2, K76.0	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources
Cirrhosis	FinnGen	3,970 cases, 373,307 controls	5719	571.5, 571.6	K74	Sex, age, genotyping batch and the first ten genetic principal components	FinnGen https://www.finngen.fi/fi
	UK Biobank	2,895 cases, 400, 055 controls		571.6	K74.3, K74.4, K74.5	Sex, birth year, genotyping batch and first four principal components	UK Biobank https://www.leelabsg.org/resources

ICD, International Classification of Diseases.

Table S2. Association of type 2 diabetes with ten gastrointestinal diseases.

T2D SNPs extracted from Vujkovic M et al. (2020)			Inverse variance weighted							MR Egger						Weighted median				Weighted mode			
Exposure	**Outcomes**	**Database**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**OR.ivw**	**FDR ***	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**OR.egger**	**egger_intercept**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**OR.median**	**b.mode**	**se.mode**	**pval.mode**	**OR.mode**
T2D	Acute gastritis	UK Biobank	225	0.185	0.059	0.002	1.20 (1.07, 1.35)	0.004	0.625	0.065	0.119	0.588	1.07 (0.84, 1.35)	0.008	0.246	0.177	0.117	0.128	1.19 (0.95, 1.50)	0.210	0.122	0.087	1.23 (0.97, 1.57)
T2D	Acute gastritis	Meta	225	0.092	0.035	0.010	1.10 (1.02, 1.17)	0.012	0.722	-0.034	0.073	0.643	0.97 (0.84, 1.11)	0.008	0.049	0.040	0.068	0.556	1.04 (0.91, 1.19)	0.030	0.072	0.676	1.03 (0.90, 1.19)
T2D	Acute gastritis	FinnGen	215	0.045	0.044	0.303	1.05 (0.96, 1.14)	0.303	0.225	-0.084	0.093	0.372	0.92 (0.77, 1.10)	0.008	0.117	-0.051	0.080	0.525	0.95 (0.81, 1.11)	-0.046	0.095	0.625	0.95 (0.79, 1.15)
T2D	Cholecystitis	UK Biobank	225	0.132	0.045	0.003	1.14 (1.05, 1.25)	0.006	0.001	0.087	0.091	0.338	1.09 (0.91, 1.30)	0.003	0.566	0.156	0.082	0.058	1.17 (0.99, 1.37)	0.116	0.085	0.171	1.12 (0.95, 1.33)
T2D	Cholecystitis	Meta	225	0.099	0.029	0.001	1.10 (1.04, 1.17)	0.002	4.88E-04	0.002	0.059	0.973	1.00 (0.89, 1.13)	0.006	0.061	0.080	0.054	0.138	1.08 (0.97, 1.20)	0.092	0.055	0.094	1.10 (0.98, 1.22)
T2D	Cholecystitis	FinnGen	215	0.073	0.038	0.053	1.08 (1.00, 1.16)	0.075	4.33E-04	-0.070	0.078	0.369	0.93 (0.80, 1.09)	0.009	0.037	0.006	0.064	0.921	1.01 (0.89, 1.14)	-0.030	0.072	0.673	0.97 (0.84, 1.12)
T2D	Cholelithiasis	UK Biobank	225	0.102	0.026	8.84E-05	1.11 (1.05, 1.17)	0.001	5.00E-19	0.016	0.052	0.763	1.02 (0.92, 1.13)	0.005	0.058	0.053	0.036	0.140	1.05 (0.98, 1.13)	0.071	0.038	0.062	1.07 (1.00, 1.16)
T2D	Cholelithiasis	Meta	224	0.077	0.021	3.12E-04	1.08 (1.04, 1.13)	0.001	6.57E-81	-0.020	0.043	0.637	0.98 (0.90, 1.07)	0.006	0.011	0.059	0.019	0.002	1.06 (1.02, 1.10)	0.048	0.022	0.032	1.05 (1.00, 1.10)
T2D	Cholelithiasis	FinnGen	215	0.067	0.023	0.003	1.07 (1.02, 1.12)	0.015	1.40E-62	-0.037	0.046	0.426	0.96 (0.88, 1.06)	0.006	0.011	0.032	0.021	0.124	1.03 (0.99, 1.08)	0.020	0.025	0.414	1.02 (0.97, 1.07)
T2D	Chronic gastritis (Atrophic gastritis)	UK Biobank	225	2.90E-04	0.106	0.998	1.00 (0.81, 1.23)	0.998	0.592	-0.206	0.213	0.335	0.81 (0.54, 1.24)	0.013	0.267	-0.164	0.193	0.397	0.85 (0.58, 1.24)	-0.130	0.241	0.591	0.88 (0.55, 1.41)
T2D	Chronic gastritis (Atrophic gastritis)	Meta	224	0.067	0.025	0.008	1.07 (1.02, 1.12)	0.012	0.001	0.041	0.053	0.433	1.04 (0.94, 1.16)	0.002	0.578	0.041	0.043	0.339	1.04 (0.96, 1.13)	0.039	0.041	0.347	1.04 (0.96, 1.13)
T2D	Chronic gastritis (Atrophic gastritis)	FinnGen	215	0.070	0.026	0.006	1.07 (1.02, 1.13)	0.018	0.001	0.053	0.053	0.319	1.05 (0.95, 1.17)	0.001	0.720	0.057	0.042	0.176	1.06 (0.97, 1.15)	0.058	0.042	0.172	1.06 (0.98, 1.15)
T2D	Cirrhosis	UK Biobank	225	0.127	0.054	0.018	1.14 (1.02, 1.26)	0.026	4.20E-17	-0.218	0.105	0.039	0.80 (0.65, 0.99)	0.022	1.99E-04	-0.107	0.069	0.120	0.90 (0.79, 1.03)	-0.147	0.090	0.103	0.86 (0.72, 1.03)
T2D	Cirrhosis	Meta	225	0.111	0.046	0.015	1.12 (1.02, 1.22)	0.017	4.93E-54	-0.128	0.092	0.166	0.88 (0.73, 1.05)	0.015	0.003	-0.029	0.043	0.504	0.97 (0.89, 1.06)	-0.092	0.060	0.131	0.91 (0.81, 1.03)
T2D	Cirrhosis	FinnGen	215	0.097	0.054	0.072	1.10 (0.99, 1.22)	0.090	7.13E-31	-0.049	0.112	0.664	0.95 (0.77, 1.19)	0.009	0.138	0.028	0.054	0.597	1.03 (0.93, 1.14)	-0.002	0.079	0.983	1.00 (0.85, 1.17)
T2D	Diverticular disease	UK Biobank	225	0.039	0.019	0.045	1.04 (1.00, 1.08)	0.050	6.72E-20	-0.113	0.038	0.003	0.89 (0.83, 0.96)	0.010	4.92E-06	-0.004	0.023	0.853	1.00 (0.95, 1.04)	-0.037	0.032	0.260	0.96 (0.90, 1.03)
T2D	Diverticular disease	Meta	225	0.034	0.016	0.035	1.04 (1.00, 1.07)	0.035	1.41E-36	-0.103	0.032	0.001	0.90 (0.85, 0.96)	0.009	1.47E-06	-0.014	0.019	0.473	0.99 (0.95, 1.02)	-0.041	0.023	0.070	0.96 (0.92, 1.00)
T2D	Diverticular disease	FinnGen	215	0.030	0.019	0.119	1.03 (0.99, 1.07)	0.133	5.63E-20	-0.094	0.039	0.017	0.91 (0.84, 0.98)	0.008	3.62E-04	-0.012	0.022	0.581	0.99 (0.95, 1.03)	-0.047	0.027	0.088	0.95 (0.90, 1.01)
T2D	Gastric ulcer	UK Biobank	225	0.120	0.032	1.85E-04	1.13 (1.06, 1.20)	0.001	0.539	0.117	0.065	0.071	1.12 (0.99, 1.28)	1.66E-04	0.962	0.143	0.065	0.027	1.15 (1.02, 1.31)	0.164	0.066	0.014	1.18 (1.03, 1.34)
T2D	Gastric ulcer	Meta	225	0.096	0.021	5.37E-06	1.10 (1.06, 1.15)	2.69E-05	0.086	0.055	0.046	0.238	1.06 (0.96, 1.16)	0.003	0.300	0.086	0.042	0.041	1.09 (1.00, 1.18)	0.077	0.046	0.097	1.08 (0.99, 1.18)
T2D	Gastric ulcer	FinnGen	215	0.073	0.028	0.009	1.08 (1.02, 1.14)	0.018	0.310	-0.007	0.059	0.909	0.99 (0.88, 1.11)	0.005	0.124	0.030	0.056	0.593	1.03 (0.92, 1.15)	0.013	0.060	0.833	1.01 (0.90, 1.14)
T2D	Gastroesophageal reflux disease	UK Biobank	225	0.057	0.020	0.006	1.06 (1.02, 1.10)	0.009	2.79E-04	-0.036	0.041	0.377	0.96 (0.89, 1.04)	0.006	0.009	0.016	0.028	0.576	1.02 (0.96, 1.07)	0.001	0.037	0.988	1.00 (0.93, 1.08)
T2D	Gastroesophageal reflux disease	Meta	225	0.045	0.015	0.002	1.05 (1.02, 1.08)	0.004	1.53E-10	-0.025	0.030	0.399	0.98 (0.92, 1.03)	0.004	0.007	0.014	0.019	0.456	1.01 (0.98, 1.05)	0.002	0.024	0.933	1.00 (0.96, 1.05)
T2D	Gastroesophageal reflux disease	FinnGen	215	0.038	0.017	0.027	1.04 (1.00, 1.07)	0.045	9.39E-08	-0.018	0.036	0.603	0.98 (0.92, 1.05)	0.003	0.070	-0.002	0.025	0.926	1.00 (0.95, 1.05)	0.000	0.030	0.999	1.00 (0.94, 1.06)
T2D	Irritable bowel syndrome	UK Biobank	225	0.069	0.032	0.029	1.07 (1.01, 1.14)	0.037	0.001	0.013	0.064	0.842	1.01 (0.89, 1.15)	0.004	0.310	0.102	0.053	0.054	1.11 (1.00, 1.23)	0.025	0.055	0.642	1.03 (0.92, 1.14)
T2D	Irritable bowel syndrome	Meta	225	0.069	0.021	0.001	1.07 (1.03, 1.12)	0.002	2.89E-05	-0.016	0.043	0.704	0.98 (0.90, 1.07)	0.005	0.024	0.053	0.036	0.139	1.05 (0.98, 1.13)	0.041	0.037	0.267	1.04 (0.97, 1.12)
T2D	Irritable bowel syndrome	FinnGen	215	0.065	0.025	0.008	1.07 (1.02, 1.12)	0.018	0.010	-0.037	0.051	0.471	0.96 (0.87, 1.07)	0.006	0.023	0.031	0.041	0.458	1.03 (0.95, 1.12)	0.042	0.048	0.383	1.04 (0.95, 1.14)
T2D	Nonalcoholic fatty liver disease	UK Biobank	225	0.239	0.067	3.97E-04	1.27 (1.11, 1.45)	0.001	1.23E-12	-0.176	0.132	0.184	0.84 (0.65, 1.09)	0.026	3.69E-04	0.103	0.086	0.231	1.11 (0.94, 1.31)	0.037	0.109	0.737	1.04 (0.84, 1.29)
T2D	Nonalcoholic fatty liver disease	Meta	225	0.307	0.060	2.94E-07	1.36 (1.21, 1.53)	2.94E-06	1.99E-53	0.010	0.121	0.932	1.01 (0.80, 1.28)	0.018	0.005	0.158	0.058	0.006	1.17 (1.05, 1.31)	0.014	0.078	0.858	1.01 (0.87, 1.18)
T2D	Nonalcoholic fatty liver disease	FinnGen	215	0.366	0.070	1.59E-07	1.44 (1.26, 1.65)	1.59E-06	1.33E-28	0.185	0.144	0.203	1.20 (0.91, 1.60)	0.011	0.153	0.176	0.073	0.017	1.19 (1.03, 1.38)	0.054	0.100	0.594	1.06 (0.87, 1.28)

*FDR performed by datasource

FDR, false discovery rate. CI, confidence interval

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
5722_78	PRCP	P42785	211	0.135	0.014	7.51E-22	0.14 (0.11, 0.16)	3.69E-18	0.001	0.100	0.028	4.35E-04	0.10 (0.04, 0.15)	0.002	0.138	0.111	0.021	1.27E-07	0.11 (0.07, 0.15)	0.033	0.032	0.312	0.03 (-0.03, 0.10)
7179_69	NFASC	O94856	211	0.117	0.014	7.01E-18	0.12 (0.09, 0.14)	1.72E-14	0.006	0.109	0.027	7.63E-05	0.11 (0.06, 0.16)	0.001	0.730	0.086	0.020	1.84E-05	0.09 (0.05, 0.13)	0.071	0.026	0.007	0.07 (0.02, 0.12)
8337_65	PTPRU	Q92729	211	0.124	0.015	6.16E-17	0.12 (0.10, 0.15)	1.01E-13	3.85E-06	0.045	0.029	0.120	0.05 (-0.01, 0.10)	0.005	0.002	0.116	0.022	7.93E-08	0.12 (0.07, 0.16)	0.000	0.034	0.990	4.22e-04 (-0.07, 0.07)
18397_5	AKR1C4	P17516	211	0.118	0.014	2.56E-16	0.12 (0.09, 0.15)	3.14E-13	2.72E-07	0.055	0.028	0.053	0.06 (-4.09e-04, 0.11)	0.004	0.012	0.091	0.023	5.86E-05	0.09 (0.05, 0.14)	0.085	0.026	0.001	0.09 (0.03, 0.14)
9213_24	FTCD	O95954	211	0.116	0.014	4.61E-16	0.12 (0.09, 0.14)	4.53E-13	4.40E-05	0.058	0.028	0.038	0.06 (3.62e-03, 0.11)	0.004	0.018	0.086	0.020	1.16E-05	0.09 (0.05, 0.12)	0.070	0.026	0.008	0.07 (0.02, 0.12)
18398_1	AKR1D1	P51857	211	0.111	0.014	9.62E-16	0.11 (0.08, 0.14)	7.87E-13	2.31E-04	0.024	0.027	0.375	0.02 (-0.03, 0.08)	0.006	1.88E-04	0.066	0.019	3.92E-04	0.07 (0.03, 0.10)	0.053	0.023	0.022	0.05 (0.01, 0.10)
8325_37	ADH4	P08319	211	0.122	0.015	1.36E-15	0.12 (0.09, 0.15)	9.55E-13	1.28E-08	0.051	0.030	0.089	0.05 (-0.01, 0.11)	0.004	0.006	0.091	0.020	5.08E-06	0.09 (0.05, 0.13)	0.085	0.027	0.002	0.08 (0.03, 0.14)
14079_14	IL18R1	Q13478	211	0.104	0.013	5.46E-15	0.10 (0.08, 0.13)	2.98E-12	0.001	0.067	0.026	0.011	0.07 (0.02, 0.12)	0.002	0.104	0.101	0.021	1.29E-06	0.10 (0.06, 0.14)	0.026	0.030	0.385	0.03 (-0.03, 0.08)
9216_100	PLXNB2	O15031	211	0.116	0.015	5.43E-15	0.12 (0.09, 0.14)	2.98E-12	6.03E-06	0.121	0.030	6.21E-05	0.12 (0.06, 0.18)	0.000	0.842	0.071	0.020	0.001	0.07 (0.03, 0.11)	0.063	0.029	0.030	0.06 (0.01, 0.12)
10565_19	SLITRK3	O94933	211	-0.135	0.017	8.86E-15	-0.13 (-0.17, -0.10)	3.95E-12	1.32E-17	-0.007	0.033	0.828	-0.01 (-0.07, 0.06)	-0.008	1.32E-05	-0.058	0.023	0.013	-0.06 (-0.10, -0.01)	-0.051	0.026	0.055	-0.05 (-0.10, 7.20e-04)
9416_77	CPM	P14384	211	0.124	0.016	8.27E-15	0.12 (0.09, 0.16)	3.95E-12	1.45E-09	0.053	0.031	0.093	0.05 (-0.01, 0.11)	0.004	0.010	0.111	0.021	1.44E-07	0.11 (0.07, 0.15)	0.076	0.027	0.006	0.08 (0.02, 0.13)
19241_31	RBP5	P82980	211	0.112	0.015	2.83E-14	0.11 (0.08, 0.14)	1.16E-11	1.01E-05	0.023	0.028	0.429	0.02 (-0.03, 0.08)	0.006	3.38E-04	0.078	0.021	2.09E-04	0.08 (0.04, 0.12)	0.065	0.025	0.011	0.07 (0.02, 0.12)
18342_2	PSAT1	Q9Y617	211	0.113	0.015	9.67E-14	0.11 (0.08, 0.14)	3.39E-11	1.98E-07	0.025	0.029	0.399	0.02 (-0.03, 0.08)	0.006	0.001	0.076	0.021	2.98E-04	0.08 (0.03, 0.12)	0.063	0.025	0.013	0.06 (0.01, 0.11)
3343_1	ACY1	Q03154	211	0.124	0.017	9.17E-14	0.12 (0.09, 0.16)	3.39E-11	1.06E-12	0.030	0.032	0.347	0.03 (-0.03, 0.09)	0.006	0.001	0.103	0.022	1.78E-06	0.10 (0.06, 0.14)	0.056	0.027	0.043	0.06 (2.14e-03, 0.11)
17396_23	ADH1A	P07327	211	0.113	0.015	1.57E-13	0.11 (0.08, 0.14)	5.12E-11	2.66E-08	0.017	0.029	0.558	0.02 (-0.04, 0.07)	0.006	2.08E-04	0.077	0.021	2.59E-04	0.08 (0.04, 0.12)	0.052	0.024	0.031	0.05 (0.01, 0.10)
7206_20	FBP1	P09467	211	0.122	0.017	3.98E-13	0.12 (0.09, 0.15)	1.22E-10	8.67E-16	0.054	0.033	0.099	0.05 (-0.01, 0.12)	0.004	0.019	0.094	0.020	4.19E-06	0.09 (0.05, 0.13)	0.073	0.025	0.003	0.07 (0.03, 0.12)
8469_41	IGFBP2	P18065	211	-0.133	0.019	7.50E-13	-0.13 (-0.17, -0.10)	2.17E-10	1.23E-24	-0.035	0.036	0.333	-0.03 (-0.11, 0.04)	-0.006	0.002	-0.085	0.022	8.28E-05	-0.09 (-0.13, -0.04)	-0.073	0.027	0.008	-0.07 (-0.13, -0.02)
14636_25	HRSP12	P52758	211	0.108	0.015	9.31E-13	0.11 (0.08, 0.14)	2.41E-10	1.74E-07	0.029	0.030	0.323	0.03 (-0.03, 0.09)	0.005	0.002	0.068	0.021	0.001	0.07 (0.03, 0.11)	0.053	0.024	0.030	0.05 (0.01, 0.10)
6408_2	INHBC	P55103	211	0.126	0.018	9.22E-13	0.13 (0.09, 0.16)	2.41E-10	2.60E-17	0.021	0.035	0.551	0.02 (-0.05, 0.09)	0.007	0.001	0.109	0.022	8.53E-07	0.11 (0.07, 0.15)	0.086	0.030	0.004	0.09 (0.03, 0.14)
15525_294	ADH1C	P00326	211	0.105	0.015	1.01E-12	0.11 (0.08, 0.13)	2.47E-10	2.91E-06	0.036	0.029	0.212	0.04 (-0.02, 0.09)	0.004	0.006	0.062	0.020	0.001	0.06 (0.02, 0.10)	0.055	0.022	0.013	0.06 (0.01, 0.10)
9264_11	CTSO	P43234	211	0.103	0.015	2.17E-12	0.10 (0.07, 0.13)	5.07E-10	7.21E-06	0.067	0.029	0.021	0.07 (0.01, 0.12)	0.002	0.157	0.078	0.020	7.61E-05	0.08 (0.04, 0.12)	0.023	0.028	0.414	0.02 (-0.03, 0.08)
6379_62	ADAMTSL2	Q86TH1	211	0.104	0.015	5.86E-12	0.10 (0.07, 0.13)	1.31E-09	1.49E-05	0.037	0.030	0.210	0.04 (-0.02, 0.10)	0.004	0.010	0.070	0.022	0.002	0.07 (0.03, 0.11)	0.064	0.025	0.010	0.06 (0.02, 0.11)
15562_24	GUSB	P08236	211	0.121	0.018	6.46E-12	0.12 (0.09, 0.15)	1.38E-09	8.11E-19	0.037	0.034	0.285	0.04 (-0.03, 0.10)	0.005	0.005	0.105	0.021	4.04E-07	0.10 (0.06, 0.15)	0.015	0.030	0.623	0.01 (-0.04, 0.07)
5708_1	LEAP2	Q969E1	211	0.122	0.018	1.21E-11	0.12 (0.09, 0.16)	2.47E-09	2.48E-21	0.044	0.035	0.211	0.04 (-0.02, 0.11)	0.005	0.012	0.098	0.022	5.53E-06	0.10 (0.06, 0.14)	0.037	0.031	0.239	0.04 (-0.02, 0.10)
17366_6	DCUN1D1	Q96GG9	211	0.113	0.017	1.96E-11	0.11 (0.08, 0.15)	3.86E-09	1.85E-13	0.014	0.033	0.664	0.01 (-0.05, 0.08)	0.006	0.001	0.106	0.021	3.26E-07	0.11 (0.07, 0.15)	0.064	0.026	0.017	0.06 (0.01, 0.12)
15483_377	AGRN	O00468	211	0.101	0.015	3.00E-11	0.10 (0.07, 0.13)	5.45E-09	7.15E-07	0.031	0.030	0.292	0.03 (-0.03, 0.09)	0.004	0.007	0.077	0.020	1.60E-04	0.08 (0.04, 0.12)	0.058	0.026	0.025	0.06 (0.01, 0.11)
3470_1	SELE	P16581	211	0.090	0.014	2.95E-11	0.09 (0.06, 0.12)	5.45E-09	0.003	0.073	0.027	0.008	0.07 (0.02, 0.13)	0.001	0.453	0.065	0.020	0.001	0.07 (0.03, 0.10)	0.053	0.026	0.046	0.05 (1.25e-03, 0.10)
5105_2	RTN4R	Q9BZR6	211	0.099	0.015	3.96E-11	0.10 (0.07, 0.13)	6.94E-09	8.44E-05	0.039	0.029	0.182	0.04 (-0.02, 0.10)	0.004	0.021	0.088	0.022	4.89E-05	0.09 (0.05, 0.13)	0.030	0.031	0.333	0.03 (-0.03, 0.09)
7945_10	SEMA6A	Q9H2E6	211	0.090	0.014	5.79E-11	0.09 (0.06, 0.12)	9.80E-09	0.004	0.112	0.027	5.76E-05	0.11 (0.06, 0.17)	-0.001	0.358	0.057	0.023	0.012	0.06 (0.01, 0.10)	0.062	0.026	0.018	0.06 (0.01, 0.11)
2742_68	SIGLEC7	Q9Y286	211	0.091	0.014	6.57E-11	0.09 (0.06, 0.12)	1.07E-08	0.010	0.015	0.027	0.580	0.01 (-0.04, 0.07)	0.005	0.001	0.063	0.021	0.003	0.06 (0.02, 0.11)	0.035	0.026	0.181	0.03 (-0.02, 0.09)
12370_30	APOF	Q13790	211	-0.097	0.015	1.04E-10	-0.10 (-0.13, -0.07)	1.65E-08	9.84E-06	-0.024	0.029	0.403	-0.02 (-0.08, 0.03)	-0.005	0.004	-0.061	0.021	0.004	-0.06 (-0.10, -0.02)	-0.020	0.026	0.453	-0.02 (-0.07, 0.03)
18173_11	AKR7A3	O95154	211	0.102	0.016	1.22E-10	0.10 (0.07, 0.13)	1.86E-08	3.00E-10	0.037	0.031	0.237	0.04 (-0.02, 0.10)	0.004	0.016	0.063	0.022	0.004	0.06 (0.02, 0.10)	0.052	0.026	0.048	0.05 (7.64e-04, 0.10)
4801_13	LPO	P22079	211	0.089	0.014	1.29E-10	0.09 (0.06, 0.12)	1.91E-08	0.012	0.094	0.027	0.001	0.09 (0.04, 0.15)	0.000	0.814	0.071	0.026	0.006	0.07 (0.02, 0.12)	0.067	0.024	0.005	0.07 (0.02, 0.11)
15468_14	CFHR1	Q03591	211	0.089	0.014	1.35E-10	0.09 (0.06, 0.12)	1.95E-08	9.28E-07	0.031	0.027	0.254	0.03 (-0.02, 0.09)	0.004	0.016	0.067	0.019	4.32E-04	0.07 (0.03, 0.10)	0.032	0.028	0.256	0.03 (-0.02, 0.09)
8841_65	CILP2	Q8IUL8	211	-0.077	0.012	1.75E-10	-0.08 (-0.10, -0.05)	2.45E-08	0.104	-0.079	0.026	0.002	-0.08 (-0.13, -0.03)	0.000	0.953	-0.066	0.025	0.009	-0.07 (-0.12, -0.02)	-0.059	0.026	0.026	-0.06 (-0.11, -0.01)
2948_58	GHR	P10912	211	0.109	0.018	5.39E-10	0.11 (0.07, 0.14)	7.35E-08	7.72E-19	-0.001	0.034	0.984	-6.71e-04 (-0.07, 0.07	0.007	1.92E-04	0.078	0.022	3.51E-04	0.08 (0.04, 0.12)	0.034	0.026	0.192	0.03 (-0.02, 0.08)
19557_3	KLB	Q86Z14	211	0.086	0.014	5.84E-10	0.09 (0.06, 0.11)	7.74E-08	0.002	0.062	0.031	0.046	0.06 (1.42e-03, 0.12)	0.001	0.373	0.068	0.020	0.001	0.07 (0.03, 0.11)	0.036	0.032	0.272	0.04 (-0.03, 0.10)
18185_118	ALDOB	P05062	211	0.111	0.018	7.26E-10	0.11 (0.08, 0.15)	9.37E-08	2.79E-21	0.048	0.035	0.177	0.05 (-0.02, 0.12)	0.004	0.042	0.086	0.020	1.92E-05	0.09 (0.05, 0.13)	0.084	0.025	0.001	0.08 (0.03, 0.13)
17138_8	GSTA1	P08263	211	0.093	0.015	8.41E-10	0.09 (0.06, 0.12)	1.05E-07	6.17E-09	-0.002	0.029	0.948	-1.91e-03 (-0.06, 0.06	0.006	2.25E-04	0.037	0.020	0.064	0.04 (-2.12e-03, 0.0	0.035	0.023	0.137	0.03 (-0.01, 0.08)
5121_3	SEMA6B	Q9H3T3	211	0.082	0.013	8.54E-10	0.08 (0.06, 0.11)	1.05E-07	0.020	0.048	0.027	0.074	0.05 (-4.45e-03, 0.10)	0.002	0.134	0.060	0.021	0.004	0.06 (0.02, 0.10)	0.021	0.031	0.500	0.02 (-0.04, 0.08)
17456_53	GOLM1	Q8NBJ4	211	0.074	0.012	9.08E-10	0.07 (0.05, 0.10)	1.09E-07	0.068	0.027	0.025	0.281	0.03 (-0.02, 0.08)	0.003	0.036	0.050	0.020	0.012	0.05 (0.01, 0.09)	0.023	0.027	0.400	0.02 (-0.03, 0.08)
5000_52	LGALS3BP	Q08380	211	0.085	0.014	1.02E-09	0.09 (0.06, 0.11)	1.19E-07	0.005	0.029	0.028	0.297	0.03 (-0.03, 0.08)	0.004	0.018	0.041	0.021	0.045	0.04 (8.67e-04, 0.0	0.034	0.026	0.200	0.03 (-0.02, 0.09)
6383_90	TLL1	O43897	211	0.096	0.016	1.05E-09	0.10 (0.06, 0.13)	1.20E-07	2.08E-08	0.053	0.031	0.090	0.05 (-0.01, 0.11)	0.003	0.110	0.067	0.021	0.001	0.07 (0.03, 0.11)	0.060	0.027	0.026	0.06 (0.01, 0.11)
4435_66	ENPP7	Q6UWV6	211	0.077	0.013	2.18E-09	0.08 (0.05, 0.10)	2.43E-07	0.041	0.007	0.025	0.772	0.01 (-0.04, 0.06)	0.004	0.001	0.065	0.021	0.002	0.07 (0.02, 0.11)	0.037	0.026	0.150	0.04 (-0.01, 0.09)
11547_84	MUSK	O15146	211	0.082	0.014	3.49E-09	0.08 (0.05, 0.11)	3.80E-07	1.06E-04	0.006	0.027	0.812	0.01 (-0.05, 0.06)	0.005	0.001	0.063	0.020	0.001	0.06 (0.02, 0.10)	0.039	0.024	0.105	0.04 (-0.01, 0.09)
4883_56	INS	P01308	211	0.089	0.015	3.58E-09	0.09 (0.06, 0.12)	3.82E-07	3.95E-09	0.006	0.029	0.831	0.01 (-0.05, 0.06)	0.005	0.001	0.041	0.021	0.050	0.04 (3.46e-05, 0.0	-0.010	0.026	0.690	-0.01 (-0.06, 0.04)
9021_1	HAVCR1	Q96D42	211	0.076	0.013	3.78E-09	0.08 (0.05, 0.10)	3.94E-07	0.049	0.013	0.025	0.594	0.01 (-0.04, 0.06)	0.004	0.004	0.050	0.021	0.016	0.05 (0.01, 0.09)	0.037	0.026	0.153	0.04 (-0.01, 0.09)
3554_24	ADIPOQ	Q15848	211	-0.111	0.019	5.14E-09	-0.11 (-0.15, -0.07)	5.26E-07	4.20E-22	-0.009	0.037	0.811	-0.01 (-0.08, 0.06)	-0.006	0.001	-0.054	0.023	0.020	-0.05 (-0.10, -0.01)	-0.010	0.026	0.694	-0.01 (-0.06, 0.04)
4929_55	SHBG	P04278	211	-0.099	0.017	8.74E-09	-0.10 (-0.13, -0.07)	8.75E-07	6.48E-17	-0.026	0.034	0.433	-0.03 (-0.09, 0.04)	-0.005	0.013	-0.069	0.020	0.001	-0.07 (-0.11, -0.03)	-0.027	0.024	0.264	-0.03 (-0.07, 0.02)
9829_91	SULT2A1	Q06520	211	0.082	0.014	1.43E-08	0.08 (0.05, 0.11)	1.41E-06	2.76E-07	0.029	0.028	0.318	0.03 (-0.03, 0.08)	0.003	0.031	0.037	0.022	0.092	0.04 (-0.01, 0.08)	0.037	0.022	0.096	0.04 (-0.01, 0.08)
10666_7	GNPTG	Q9UJJ9	211	0.068	0.012	1.54E-08	0.07 (0.04, 0.09)	1.49E-06	0.051	0.045	0.026	0.085	0.04 (-0.01, 0.10)	0.001	0.291	0.042	0.022	0.054	0.04 (-7.62e-04, 0.0	0.039	0.027	0.147	0.04 (-0.01, 0.09)
5028_59	CD163	Q86VB7	211	0.079	0.014	1.61E-08	0.08 (0.05, 0.11)	1.52E-06	0.003	0.048	0.028	0.085	0.05 (-0.01, 0.10)	0.002	0.199	0.045	0.025	0.073	0.05 (-4.26e-03, 0.0	0.037	0.028	0.187	0.04 (-0.02, 0.09)
15594_47	HTRA1	Q92743	211	0.087	0.015	1.78E-08	0.09 (0.06, 0.12)	1.65E-06	2.07E-08	-0.006	0.030	0.844	-0.01 (-0.06, 0.05)	0.006	3.85E-04	0.037	0.020	0.074	0.04 (-3.51e-03, 0.0	-0.008	0.026	0.763	-0.01 (-0.06, 0.04)
2212_69	PLAT	P00750	211	0.083	0.015	2.13E-08	0.08 (0.05, 0.11)	1.94E-06	3.74E-06	-0.001	0.029	0.979	-7.66e-04 (-0.06, 0.06	0.005	0.001	0.048	0.020	0.020	0.05 (0.01, 0.09)	0.011	0.026	0.658	0.01 (-0.04, 0.06)
7948_129	GLTPD2	A6NH11	211	0.095	0.017	2.25E-08	0.10 (0.06, 0.13)	2.01E-06	1.32E-13	0.010	0.033	0.763	0.01 (-0.05, 0.07)	0.005	0.003	0.030	0.021	0.161	0.03 (-0.01, 0.07)	0.033	0.025	0.189	0.03 (-0.02, 0.08)
15426_5	NEU1	Q99519	211	0.089	0.016	2.80E-08	0.09 (0.06, 0.12)	2.45E-06	3.14E-11	0.006	0.031	0.854	0.01 (-0.06, 0.07)	0.005	0.002	0.060	0.022	0.006	0.06 (0.02, 0.10)	0.011	0.026	0.686	0.01 (-0.04, 0.06)
3035_80	IL19	Q9UHD0	211	0.071	0.013	2.86E-08	0.07 (0.05, 0.10)	2.46E-06	0.631	0.077	0.025	0.003	0.08 (0.03, 0.13)	0.000	0.774	0.049	0.025	0.051	0.05 (-2.36e-04, 0.1	0.057	0.025	0.023	0.06 (0.01, 0.11)
5508_62	CTSD	P07339	211	0.078	0.014	4.81E-08	0.08 (0.05, 0.11)	4.06E-06	6.49E-05	0.014	0.028	0.607	0.01 (-0.04, 0.07)	0.004	0.009	0.040	0.020	0.042	0.04 (1.49e-03, 0.0	0.026	0.025	0.304	0.03 (-0.02, 0.07)
9005_16	PLXNA1	Q9UIW2	211	0.075	0.014	4.89E-08	0.07 (0.05, 0.10)	4.06E-06	0.004	0.121	0.027	1.18E-05	0.12 (0.07, 0.17)	-0.003	0.047	0.056	0.023	0.014	0.06 (0.01, 0.10)	0.067	0.025	0.009	0.07 (0.02, 0.12)
16818_200	CDCP1	Q9H5V8	211	0.076	0.014	5.43E-08	0.08 (0.05, 0.10)	4.44E-06	0.001	0.032	0.028	0.242	0.03 (-0.02, 0.09)	0.003	0.069	0.038	0.020	0.061	0.04 (-1.76e-03, 0.0	0.010	0.030	0.749	0.01 (-0.05, 0.07)
15431_31	OTC	P00480	211	0.080	0.015	6.49E-08	0.08 (0.05, 0.11)	5.22E-06	2.76E-05	0.044	0.029	0.133	0.04 (-0.01, 0.10)	0.002	0.157	0.058	0.021	0.006	0.06 (0.02, 0.10)	0.056	0.026	0.032	0.06 (0.01, 0.11)
10521_10	MXRA8	Q9BRK3	211	-0.085	0.016	7.30E-08	-0.09 (-0.12, -0.05)	5.69E-06	1.51E-07	-0.035	0.031	0.260	-0.04 (-0.10, 0.03)	-0.003	0.065	-0.071	0.021	0.001	-0.07 (-0.11, -0.03)	-0.049	0.028	0.083	-0.05 (-0.10, 0.01)
3284_75	BGN	P21810	211	0.067	0.012	7.24E-08	0.07 (0.04, 0.09)	5.69E-06	0.185	0.077	0.026	0.003	0.08 (0.03, 0.13)	-0.001	0.628	0.074	0.025	0.003	0.07 (0.02, 0.12)	0.068	0.024	0.006	0.07 (0.02, 0.12)
6409_57	ADGRF5	Q8IZF2	211	0.069	0.013	7.45E-08	0.07 (0.04, 0.09)	5.71E-06	0.011	0.088	0.025	0.001	0.09 (0.04, 0.14)	-0.001	0.378	0.075	0.019	4.63E-05	0.08 (0.04, 0.11)	0.061	0.022	0.006	0.06 (0.02, 0.10)
4564_2	PLXNC1	O60486	211	0.085	0.016	7.98E-08	0.08 (0.05, 0.12)	6.02E-06	6.67E-09	0.111	0.031	4.95E-04	0.11 (0.05, 0.17)	-0.002	0.335	0.048	0.021	0.021	0.05 (0.01, 0.09)	0.041	0.029	0.167	0.04 (-0.02, 0.10)
3186_2	C2	P06681	211	0.077	0.014	8.95E-08	0.08 (0.05, 0.11)	6.65E-06	2.94E-05	0.044	0.028	0.123	0.04 (-0.01, 0.10)	0.002	0.182	0.035	0.020	0.083	0.04 (-4.61e-03, 0.0	0.023	0.026	0.376	0.02 (-0.03, 0.07)
8983_7	GOLM1	Q8NBJ4	211	0.062	0.012	1.40E-07	0.06 (0.04, 0.09)	1.02E-05	0.372	0.020	0.024	0.400	0.02 (-0.03, 0.07)	0.003	0.039	0.036	0.019	0.058	0.04 (-1.29e-03, 0.0	0.021	0.023	0.375	0.02 (-0.02, 0.07)
3220_40	RET	P07949	211	0.072	0.014	1.48E-07	0.07 (0.04, 0.10)	1.07E-05	0.003	0.014	0.027	0.602	0.01 (-0.04, 0.07)	0.004	0.014	0.035	0.021	0.090	0.03 (-0.01, 0.08)	-0.028	0.031	0.364	-0.03 (-0.09, 0.03)
15447_45	SORD	Q00796	211	0.072	0.014	1.60E-07	0.07 (0.04, 0.10)	1.14E-05	0.004	-0.004	0.027	0.885	-3.86e-03 (-0.06, 0.05	0.005	0.001	0.039	0.021	0.063	0.04 (-2.06e-03, 0.0	0.010	0.023	0.644	0.01 (-0.03, 0.05)
18381_16	ALDH2	P05091	211	0.071	0.014	1.91E-07	0.07 (0.04, 0.10)	1.34E-05	0.002	0.005	0.027	0.852	4.99e-03 (-0.05, 0.06)	0.004	0.005	0.028	0.021	0.178	0.03 (-0.01, 0.07)	0.027	0.027	0.322	0.03 (-0.03, 0.08)
4763_31	AFM	P43652	211	0.079	0.015	2.11E-07	0.08 (0.05, 0.11)	1.46E-05	8.46E-07	-0.004	0.030	0.891	-4.07e-03 (-0.06, 0.05	0.005	0.001	0.033	0.022	0.137	0.03 (-0.01, 0.08)	0.035	0.026	0.186	0.04 (-0.02, 0.09)
3339_33	THBS2	P35442	211	0.068	0.013	3.10E-07	0.07 (0.04, 0.09)	2.11E-05	0.010	0.036	0.026	0.167	0.04 (-0.02, 0.09)	0.002	0.166	0.038	0.024	0.122	0.04 (-0.01, 0.09)	0.045	0.025	0.082	0.04 (-0.01, 0.09)
2731_29	POR	P16435	211	0.078	0.015	3.16E-07	0.08 (0.05, 0.11)	2.12E-05	2.12E-09	0.044	0.030	0.150	0.04 (-0.02, 0.10)	0.002	0.188	0.043	0.022	0.047	0.04 (5.10e-04, 0.0	0.044	0.025	0.084	0.04 (-0.01, 0.09)
17342_13	AGR3	Q8TD06	211	0.075	0.015	3.92E-07	0.07 (0.05, 0.10)	2.60E-05	4.94E-06	-0.001	0.029	0.980	-7.06e-04 (-0.06, 0.06	0.005	0.003	0.041	0.025	0.097	0.04 (-0.01, 0.09)	0.044	0.027	0.109	0.04 (-0.01, 0.10)
17768_50	HAO1	Q9UJM8	211	0.066	0.013	4.16E-07	0.07 (0.04, 0.09)	2.72E-05	0.019	-0.002	0.025	0.933	-2.13e-03 (-0.05, 0.05	0.004	0.002	0.057	0.020	0.005	0.06 (0.02, 0.10)	0.034	0.025	0.177	0.03 (-0.02, 0.08)
3396_54	REN	P00797	211	0.066	0.013	4.43E-07	0.07 (0.04, 0.09)	2.86E-05	0.039	0.049	0.026	0.059	0.05 (-1.59e-03, 0.10)	0.001	0.462	0.042	0.024	0.075	0.04 (-4.19e-03, 0.0	0.054	0.026	0.044	0.05 (1.79e-03, 0.11)
11646_4	CHST9	Q7L1S5	211	0.079	0.016	4.51E-07	0.08 (0.05, 0.11)	2.87E-05	7.24E-10	0.032	0.031	0.301	0.03 (-0.03, 0.09)	0.003	0.080	0.049	0.020	0.016	0.05 (0.01, 0.09)	0.045	0.023	0.052	0.04 (-1.21e-04, 0.09)
5837_49	LIFR	P42702	211	0.067	0.013	4.57E-07	0.07 (0.04, 0.09)	2.87E-05	0.044	0.080	0.026	0.003	0.08 (0.03, 0.13)	-0.001	0.568	0.041	0.023	0.072	0.04 (-3.68e-03, 0.0	0.049	0.027	0.066	0.05 (-2.96e-03, 0.10)
6576_1	ART4	Q93070	211	0.062	0.012	4.76E-07	0.06 (0.04, 0.09)	2.96E-05	0.001	-0.005	0.024	0.830	-0.01 (-0.05, 0.04)	0.004	0.001	0.027	0.018	0.131	0.03 (-0.01, 0.06)	0.024	0.021	0.272	0.02 (-0.02, 0.07)
3348_49	BMP1	P13497	211	0.082	0.016	4.91E-07	0.08 (0.05, 0.11)	3.01E-05	2.03E-11	-0.001	0.032	0.981	-7.71e-04 (-0.06, 0.06	0.005	0.003	0.055	0.020	0.006	0.05 (0.02, 0.09)	0.051	0.027	0.062	0.05 (-2.23e-03, 0.10)
15499_11	ATRN	O75882	211	0.074	0.015	5.64E-07	0.07 (0.05, 0.10)	3.42E-05	6.50E-05	0.069	0.030	0.020	0.07 (0.01, 0.13)	0.000	0.833	0.053	0.022	0.018	0.05 (0.01, 0.10)	0.076	0.027	0.006	0.08 (0.02, 0.13)
11424_4	FAH	P16930	211	0.075	0.015	6.04E-07	0.08 (0.05, 0.10)	3.61E-05	1.02E-05	-0.004	0.029	0.881	-4.40e-03 (-0.06, 0.05	0.005	0.002	0.036	0.020	0.070	0.04 (-3.02e-03, 0.0	0.017	0.026	0.514	0.02 (-0.03, 0.07)
6077_63	CECR1	Q9NZK5	211	0.075	0.015	8.23E-07	0.07 (0.04, 0.10)	4.86E-05	1.35E-05	0.079	0.030	0.009	0.08 (0.02, 0.14)	0.000	0.862	0.043	0.022	0.051	0.04 (-1.36e-04, 0.0	0.026	0.026	0.310	0.03 (-0.02, 0.08)
9211_19	SERPINF1	P36955	211	0.070	0.014	8.56E-07	0.07 (0.04, 0.10)	5.00E-05	1.21E-04	-0.014	0.028	0.604	-0.01 (-0.07, 0.04)	0.005	4.65E-04	0.016	0.022	0.446	0.02 (-0.03, 0.06)	-0.012	0.027	0.668	-0.01 (-0.06, 0.04)
9715_15	IGSF3	O75054	211	0.071	0.014	8.90E-07	0.07 (0.04, 0.10)	5.14E-05	1.14E-04	0.101	0.029	4.73E-04	0.10 (0.05, 0.16)	-0.002	0.214	0.047	0.022	0.037	0.05 (2.92e-03, 0.0	0.044	0.027	0.105	0.04 (-0.01, 0.10)
9834_62	ADH1B	P00325	211	0.067	0.014	9.32E-07	0.07 (0.04, 0.09)	5.32E-05	3.54E-04	0.016	0.027	0.537	0.02 (-0.04, 0.07)	0.003	0.030	0.043	0.024	0.077	0.04 (-4.58e-03, 0.0	0.035	0.026	0.183	0.03 (-0.02, 0.09)
11313_100	PCBD1	P61457	211	0.089	0.018	1.26E-06	0.09 (0.05, 0.13)	7.12E-05	1.38E-27	0.020	0.036	0.588	0.02 (-0.05, 0.09)	0.004	0.026	0.049	0.024	0.041	0.05 (2.03e-03, 0.1	0.040	0.024	0.092	0.04 (-0.01, 0.09)
16616_137	ENO3	P13929	211	0.066	0.014	1.37E-06	0.07 (0.04, 0.09)	7.56E-05	0.002	-0.004	0.027	0.873	-4.27e-03 (-0.06, 0.05	0.004	0.003	0.025	0.023	0.274	0.02 (-0.02, 0.07)	0.025	0.025	0.311	0.03 (-0.02, 0.07)
2567_5	CFI	P05156	211	0.076	0.016	1.37E-06	0.08 (0.05, 0.11)	7.56E-05	1.13E-09	-0.004	0.031	0.896	-4.01e-03 (-0.06, 0.06	0.005	0.003	0.031	0.020	0.133	0.03 (-0.01, 0.07)	0.030	0.027	0.268	0.03 (-0.02, 0.08)
5737_61	SEMA4D	Q92854	211	0.066	0.014	1.40E-06	0.07 (0.04, 0.09)	7.62E-05	0.001	0.083	0.027	0.002	0.08 (0.03, 0.14)	-0.001	0.446	0.037	0.020	0.067	0.04 (-2.55e-03, 0.0	0.030	0.025	0.243	0.03 (-0.02, 0.08)
9370_69	GGH	Q92820	211	0.072	0.015	1.52E-06	0.07 (0.04, 0.10)	8.19E-05	6.03E-08	-0.014	0.029	0.626	-0.01 (-0.07, 0.04)	0.005	0.001	0.021	0.020	0.300	0.02 (-0.02, 0.06)	-0.005	0.024	0.820	-0.01 (-0.05, 0.04)
6626_81	CHST12	Q9NRB3	211	0.057	0.012	1.58E-06	0.06 (0.03, 0.08)	8.45E-05	0.080	0.001	0.025	0.958	1.34e-03 (-0.05, 0.05)	0.004	0.011	0.023	0.020	0.247	0.02 (-0.02, 0.06)	0.005	0.026	0.862	4.50e-03 (-0.05, 0.06)
3616_3	GNS	P15586	211	0.056	0.012	1.62E-06	0.06 (0.03, 0.08)	8.56E-05	0.247	-0.014	0.023	0.555	-0.01 (-0.06, 0.03)	0.004	0.001	0.021	0.019	0.272	0.02 (-0.02, 0.06)	0.011	0.026	0.672	0.01 (-0.04, 0.06)
7928_183	TPST1	O60507	211	0.076	0.016	1.65E-06	0.08 (0.04, 0.11)	8.63E-05	2.31E-09	0.023	0.031	0.462	0.02 (-0.04, 0.08)	0.003	0.051	0.048	0.021	0.023	0.05 (0.01, 0.09)	0.024	0.027	0.371	0.02 (-0.03, 0.08)
18901_26	HSPA1B	P0DMV9	211	0.068	0.014	1.81E-06	0.07 (0.04, 0.10)	9.36E-05	1.31E-05	-0.005	0.028	0.865	-4.75e-03 (-0.06, 0.05	0.005	0.003	0.034	0.020	0.091	0.03 (-0.01, 0.07)	0.011	0.025	0.643	0.01 (-0.04, 0.06)
14618_26	VOPP1	Q96AW1	211	-0.078	0.016	1.89E-06	-0.08 (-0.11, -0.05)	9.65E-05	6.97E-12	-0.009	0.032	0.778	-0.01 (-0.07, 0.05)	-0.004	0.013	-0.038	0.026	0.137	-0.04 (-0.09, 0.01)	-0.019	0.025	0.448	-0.02 (-0.07, 0.03)
13496_19	HMGCS1	Q01581	211	0.069	0.014	1.98E-06	0.07 (0.04, 0.10)	1.00E-04	2.94E-04	0.016	0.029	0.585	0.02 (-0.04, 0.07)	0.003	0.034	0.043	0.020	0.034	0.04 (3.23e-03, 0.0	0.020	0.029	0.483	0.02 (-0.04, 0.08)
4971_1	CTSZ	Q9UBR2	211	0.073	0.015	2.10E-06	0.07 (0.04, 0.10)	1.05E-04	1.07E-07	0.016	0.030	0.595	0.02 (-0.04, 0.08)	0.004	0.031	0.044	0.020	0.031	0.04 (4.12e-03, 0.0	0.007	0.026	0.800	0.01 (-0.04, 0.06)
11214_40	DNAJB9	Q9UBS3	211	0.074	0.016	2.19E-06	0.07 (0.04, 0.11)	1.09E-04	1.25E-09	-0.004	0.031	0.885	-4.43e-03 (-0.06, 0.06	0.005	0.003	0.033	0.021	0.115	0.03 (-0.01, 0.07)	0.030	0.027	0.266	0.03 (-0.02, 0.08)
15644_1	BTD	P43251	211	0.070	0.015	2.38E-06	0.07 (0.04, 0.10)	1.17E-04	1.95E-06	0.054	0.030	0.069	0.05 (-4.00e-03, 0.11)	0.001	0.523	0.070	0.020	3.92E-04	0.07 (0.03, 0.11)	0.049	0.024	0.038	0.05 (2.95e-03, 0.10)
6448_36	SEMA3C	Q99985	211	0.057	0.012	2.61E-06	0.06 (0.03, 0.08)	1.27E-04	0.053	0.017	0.026	0.515	0.02 (-0.03, 0.07)	0.003	0.073	0.036	0.020	0.067	0.04 (-2.57e-03, 0.0	0.001	0.028	0.984	5.54e-04 (-0.05, 0.06)
18893_26	GPR56	Q9Y653	211	0.063	0.014	3.04E-06	0.06 (0.04, 0.09)	1.46E-04	0.007	-0.040	0.026	0.118	-0.04 (-0.09, 0.01)	0.006	5.32E-06	0.036	0.020	0.077	0.04 (-3.84e-03, 0.0	0.001	0.027	0.962	1.31e-03 (-0.05, 0.05)
4374_45	GDF15	Q99988	211	0.064	0.014	3.15E-06	0.06 (0.04, 0.09)	1.50E-04	0.007	-0.015	0.027	0.568	-0.02 (-0.07, 0.04)	0.005	0.001	0.017	0.024	0.493	0.02 (-0.03, 0.06)	0.008	0.025	0.754	0.01 (-0.04, 0.06)
13119_26	SERPINA1	Q9UK55	211	0.060	0.013	3.35E-06	0.06 (0.03, 0.09)	1.58E-04	0.002	0.040	0.026	0.122	0.04 (-0.01, 0.09)	0.001	0.364	0.049	0.022	0.024	0.05 (0.01, 0.09)	0.050	0.021	0.018	0.05 (0.01, 0.09)
18881_7	CD97	P48960	211	0.057	0.012	3.42E-06	0.06 (0.03, 0.08)	1.60E-04	0.133	0.076	0.026	0.004	0.08 (0.03, 0.13)	-0.001	0.405	0.055	0.026	0.035	0.06 (3.83e-03, 0.1	0.069	0.026	0.009	0.07 (0.02, 0.12)
12975_11	KRT20	P35900	211	0.054	0.012	3.50E-06	0.05 (0.03, 0.08)	1.62E-04	0.088	0.020	0.025	0.412	0.02 (-0.03, 0.07)	0.002	0.110	0.042	0.025	0.085	0.04 (-0.01, 0.09)	0.050	0.026	0.059	0.05 (-1.55e-03, 0.10)
3041_55	MRC2	Q9UBG0	211	0.066	0.014	3.71E-06	0.07 (0.04, 0.09)	1.70E-04	0.001	0.094	0.028	0.001	0.09 (0.04, 0.15)	-0.002	0.259	0.040	0.026	0.124	0.04 (-0.01, 0.09)	0.043	0.025	0.084	0.04 (-0.01, 0.09)
8007_19	CTSB	P07858	211	-0.064	0.014	4.01E-06	-0.06 (-0.09, -0.04)	1.82E-04	2.95E-05	-0.018	0.027	0.520	-0.02 (-0.07, 0.04)	-0.003	0.051	-0.034	0.021	0.116	-0.03 (-0.08, 0.01)	-0.037	0.025	0.136	-0.04 (-0.09, 0.01)
19120_33	DAO	P14920	211	0.053	0.012	4.14E-06	0.05 (0.03, 0.08)	1.87E-04	0.185	0.002	0.023	0.935	1.92e-03 (-0.04, 0.05)	0.003	0.012	0.027	0.021	0.198	0.03 (-0.01, 0.07)	0.006	0.024	0.805	0.01 (-0.04, 0.05)
13697_51	GPD1	P21695	211	0.062	0.014	4.48E-06	0.06 (0.04, 0.09)	2.00E-04	0.001	0.021	0.027	0.434	0.02 (-0.03, 0.07)	0.003	0.077	0.017	0.023	0.441	0.02 (-0.03, 0.06)	0.019	0.025	0.435	0.02 (-0.03, 0.07)
11241_8	ASL	P04424	211	0.071	0.015	4.70E-06	0.07 (0.04, 0.10)	2.08E-04	5.51E-08	0.030	0.030	0.326	0.03 (-0.03, 0.09)	0.003	0.125	0.026	0.023	0.260	0.03 (-0.02, 0.07)	0.035	0.029	0.218	0.04 (-0.02, 0.09)
3216_2	PIGR	P01833	211	0.066	0.014	4.94E-06	0.07 (0.04, 0.09)	2.17E-04	1.35E-04	0.017	0.028	0.540	0.02 (-0.04, 0.07)	0.003	0.049	0.038	0.023	0.107	0.04 (-0.01, 0.08)	0.049	0.025	0.056	0.05 (-9.15e-04, 0.10)
7638_30	LMAN2	Q12907	211	0.071	0.015	5.01E-06	0.07 (0.04, 0.10)	2.17E-04	1.10E-08	-0.005	0.030	0.856	-0.01 (-0.06, 0.05)	0.005	0.004	0.048	0.023	0.034	0.05 (3.52e-03, 0.0	0.044	0.024	0.070	0.04 (-3.43e-03, 0.09)
13704_5	HMGCS2	P54868	211	0.063	0.014	5.18E-06	0.06 (0.04, 0.09)	2.23E-04	0.001	0.040	0.027	0.144	0.04 (-0.01, 0.09)	0.001	0.339	0.043	0.025	0.084	0.04 (-0.01, 0.09)	0.042	0.027	0.120	0.04 (-0.01, 0.09)
5456_59	CNDP1	Q96KN2	211	0.066	0.014	5.42E-06	0.07 (0.04, 0.09)	2.31E-04	2.13E-04	0.026	0.029	0.359	0.03 (-0.03, 0.08)	0.002	0.110	0.077	0.026	0.003	0.08 (0.03, 0.13)	0.073	0.025	0.004	0.07 (0.02, 0.12)
9459_7	FAS	P25445	211	0.065	0.014	6.46E-06	0.07 (0.04, 0.09)	2.73E-04	4.40E-05	0.033	0.029	0.246	0.03 (-0.02, 0.09)	0.002	0.199	0.032	0.023	0.164	0.03 (-0.01, 0.08)	0.036	0.026	0.178	0.04 (-0.02, 0.09)
15533_97	MSR1	P21757	211	0.061	0.014	7.03E-06	0.06 (0.03, 0.09)	2.95E-04	0.011	0.013	0.027	0.638	0.01 (-0.04, 0.07)	0.003	0.038	0.018	0.022	0.417	0.02 (-0.02, 0.06)	0.014	0.026	0.602	0.01 (-0.04, 0.07)
14124_6	EFNA2	O43921	211	0.059	0.013	7.63E-06	0.06 (0.03, 0.08)	3.17E-04	0.014	0.027	0.026	0.298	0.03 (-0.02, 0.08)	0.002	0.150	0.029	0.020	0.135	0.03 (-0.01, 0.07)	0.016	0.026	0.539	0.02 (-0.04, 0.07)
15686_49	INHBC	P55103	211	0.054	0.012	8.91E-06	0.05 (0.03, 0.08)	3.62E-04	1.20E-09	-0.003	0.024	0.891	-3.28e-03 (-0.05, 0.04	0.004	0.006	0.027	0.016	0.102	0.03 (-0.01, 0.06)	0.004	0.019	0.829	4.12e-03 (-0.03, 0.04)
17331_138	KREMEN1	Q96MU8	211	0.062	0.014	8.92E-06	0.06 (0.03, 0.09)	3.62E-04	0.004	0.067	0.028	0.017	0.07 (0.01, 0.12)	0.000	0.837	0.020	0.021	0.329	0.02 (-0.02, 0.06)	0.021	0.027	0.419	0.02 (-0.03, 0.07)
19561_216	PLXND1	Q9Y4D7	211	0.061	0.014	8.83E-06	0.06 (0.03, 0.09)	3.62E-04	0.002	0.078	0.027	0.005	0.08 (0.02, 0.13)	-0.001	0.462	0.042	0.020	0.038	0.04 (2.28e-03, 0.0	0.028	0.029	0.330	0.03 (-0.03, 0.08)
17691_1	TPP1	O14773	211	0.067	0.015	9.08E-06	0.07 (0.04, 0.10)	3.65E-04	7.93E-07	-0.009	0.029	0.764	-0.01 (-0.07, 0.05)	0.005	0.003	0.062	0.020	0.002	0.06 (0.02, 0.10)	0.020	0.026	0.451	0.02 (-0.03, 0.07)
3367_8	FETUB	Q9UGM5	211	0.063	0.014	9.17E-06	0.06 (0.03, 0.09)	3.66E-04	0.001	0.027	0.028	0.344	0.03 (-0.03, 0.08)	0.002	0.137	0.043	0.025	0.093	0.04 (-0.01, 0.09)	0.047	0.026	0.076	0.05 (-4.71e-03, 0.10)
15470_11	HEXB	P07686	211	0.072	0.016	9.52E-06	0.07 (0.04, 0.10)	3.77E-04	3.89E-13	0.011	0.032	0.722	0.01 (-0.05, 0.07)	0.004	0.030	0.006	0.020	0.777	0.01 (-0.03, 0.05)	-0.005	0.025	0.845	-4.81e-03 (-0.05, 0.04)
3327_27	NTN4	Q9HB63	211	0.064	0.014	1.02E-05	0.06 (0.04, 0.09)	3.93E-04	2.27E-04	0.036	0.029	0.212	0.04 (-0.02, 0.09)	0.002	0.257	0.032	0.025	0.198	0.03 (-0.02, 0.08)	0.043	0.030	0.161	0.04 (-0.02, 0.10)
9348_1	C1RL	Q9NZP8	211	0.069	0.016	1.01E-05	0.07 (0.04, 0.10)	3.93E-04	3.58E-08	0.034	0.031	0.277	0.03 (-0.03, 0.09)	0.002	0.190	0.040	0.025	0.108	0.04 (-0.01, 0.09)	0.041	0.025	0.107	0.04 (-0.01, 0.09)
9525_1	PTK7	Q13308	211	0.060	0.013	1.00E-05	0.06 (0.03, 0.09)	3.93E-04	1.32E-04	0.067	0.025	0.007	0.07 (0.02, 0.12)	-0.001	0.709	0.009	0.019	0.631	0.01 (-0.03, 0.05)	0.014	0.022	0.517	0.01 (-0.03, 0.06)
7019_13	SEMA7A	O75326	211	0.060	0.014	1.05E-05	0.06 (0.03, 0.09)	4.01E-04	0.014	0.079	0.027	0.004	0.08 (0.03, 0.13)	-0.001	0.410	0.026	0.024	0.292	0.03 (-0.02, 0.07)	0.038	0.029	0.186	0.04 (-0.02, 0.09)
15475_4	PLTP	P55058	211	0.059	0.013	1.12E-05	0.06 (0.03, 0.09)	4.26E-04	0.009	0.050	0.027	0.063	0.05 (-2.40e-03, 0.10)	0.001	0.690	0.017	0.022	0.432	0.02 (-0.03, 0.06)	0.029	0.025	0.237	0.03 (-0.02, 0.08)
3727_35	PYY	P10082	211	0.052	0.012	1.13E-05	0.05 (0.03, 0.08)	4.26E-04	0.187	0.042	0.025	0.093	0.04 (-0.01, 0.09)	0.001	0.618	0.030	0.024	0.207	0.03 (-0.02, 0.08)	0.029	0.029	0.316	0.03 (-0.03, 0.09)
6620_82	LINGO1	Q96FE5	211	0.053	0.012	1.24E-05	0.05 (0.03, 0.08)	4.64E-04	0.143	0.015	0.025	0.559	0.01 (-0.03, 0.06)	0.002	0.081	0.028	0.020	0.179	0.03 (-0.01, 0.07)	0.021	0.026	0.420	0.02 (-0.03, 0.07)
6570_1	COL13A1	Q5TAT6	211	0.056	0.013	1.36E-05	0.06 (0.03, 0.08)	0.001	0.034	0.023	0.026	0.375	0.02 (-0.03, 0.07)	0.002	0.131	0.023	0.023	0.316	0.02 (-0.02, 0.07)	0.019	0.025	0.458	0.02 (-0.03, 0.07)
13682_47	CSF1R	P07333	211	0.063	0.015	1.45E-05	0.06 (0.03, 0.09)	0.001	9.27E-05	0.068	0.029	0.019	0.07 (0.01, 0.12)	0.000	0.827	0.024	0.023	0.290	0.02 (-0.02, 0.07)	0.024	0.026	0.358	0.02 (-0.03, 0.07)
15368_3	BMPER	Q8N8U9	211	0.057	0.013	1.45E-05	0.06 (0.03, 0.08)	0.001	0.019	0.010	0.026	0.714	0.01 (-0.04, 0.06)	0.003	0.034	0.027	0.023	0.242	0.03 (-0.02, 0.07)	0.018	0.024	0.446	0.02 (-0.03, 0.07)
8352_26	SIGLEC12	Q96PQ1	211	0.067	0.015	1.72E-05	0.07 (0.04, 0.10)	0.001	2.41E-08	0.007	0.030	0.831	0.01 (-0.05, 0.07)	0.004	0.024	0.043	0.023	0.065	0.04 (-2.58e-03, 0.0	0.029	0.025	0.252	0.03 (-0.02, 0.08)
5036_50	TNFAIP6	P98066	211	-0.070	0.016	1.75E-05	-0.07 (-0.10, -0.04)	0.001	4.01E-17	-0.007	0.032	0.819	-0.01 (-0.07, 0.06)	-0.004	0.024	-0.033	0.021	0.107	-0.03 (-0.07, 0.01)	-0.031	0.025	0.207	-0.03 (-0.08, 0.02)
13132_14	SEMA5A	Q13591	211	0.055	0.013	1.80E-05	0.05 (0.03, 0.08)	0.001	0.033	0.026	0.025	0.306	0.03 (-0.02, 0.07)	0.002	0.184	0.011	0.022	0.625	0.01 (-0.03, 0.05)	0.016	0.023	0.481	0.02 (-0.03, 0.06)
15363_32	APOA5	Q6Q788	211	0.070	0.016	1.80E-05	0.07 (0.04, 0.10)	0.001	7.39E-14	0.066	0.033	0.044	0.07 (2.17e-03, 0.13)	0.000	0.880	0.064	0.024	0.008	0.06 (0.02, 0.11)	0.072	0.023	0.002	0.07 (0.03, 0.12)
4459_68	PCSK7	Q16549	211	0.051	0.012	1.81E-05	0.05 (0.03, 0.07)	0.001	0.019	0.010	0.023	0.673	0.01 (-0.04, 0.06)	0.003	0.041	0.025	0.020	0.209	0.02 (-0.01, 0.06)	0.022	0.023	0.340	0.02 (-0.02, 0.07)
17758_79	DCXR	Q7Z4W1	211	0.061	0.014	2.18E-05	0.06 (0.03, 0.09)	0.001	1.11E-04	-0.010	0.028	0.714	-0.01 (-0.06, 0.04)	0.004	0.003	0.011	0.021	0.577	0.01 (-0.03, 0.05)	0.012	0.022	0.596	0.01 (-0.03, 0.06)
5392_73	FAS	P25445	211	0.061	0.014	2.17E-05	0.06 (0.03, 0.09)	0.001	8.53E-05	0.025	0.028	0.371	0.03 (-0.03, 0.08)	0.002	0.147	0.026	0.024	0.290	0.03 (-0.02, 0.07)	0.032	0.024	0.194	0.03 (-0.02, 0.08)
12572_236	EFS	O43281	211	0.064	0.015	2.26E-05	0.06 (0.03, 0.09)	0.001	9.20E-07	-0.023	0.029	0.432	-0.02 (-0.08, 0.03)	0.005	0.001	0.028	0.022	0.200	0.03 (-0.01, 0.07)	0.024	0.026	0.356	0.02 (-0.03, 0.07)
6909_40	MGAT2	Q10469	211	0.061	0.014	2.55E-05	0.06 (0.03, 0.09)	0.001	5.73E-06	0.032	0.029	0.269	0.03 (-0.02, 0.09)	0.002	0.245	0.025	0.020	0.213	0.02 (-0.01, 0.06)	0.007	0.023	0.773	0.01 (-0.04, 0.05)
6414_8	OAF	Q86UD1	211	0.067	0.016	2.63E-05	0.07 (0.04, 0.10)	0.001	1.23E-09	-0.012	0.031	0.705	-0.01 (-0.07, 0.05)	0.005	0.004	0.037	0.021	0.075	0.04 (-3.79e-03, 0.0	0.009	0.024	0.720	0.01 (-0.04, 0.06)
6895_1	TFRC	P02786	211	0.058	0.014	2.64E-05	0.06 (0.03, 0.09)	0.001	0.001	-0.044	0.026	0.100	-0.04 (-0.10, 0.01)	0.006	1.32E-05	0.023	0.019	0.227	0.02 (-0.01, 0.06)	-0.002	0.026	0.925	-2.43e-03 (-0.05, 0.05)
9950_229	LAG3	P18627	211	0.059	0.014	2.84E-05	0.06 (0.03, 0.09)	0.001	0.001	0.084	0.028	0.003	0.08 (0.03, 0.14)	-0.002	0.288	0.068	0.026	0.009	0.07 (0.02, 0.12)	0.069	0.023	0.003	0.07 (0.02, 0.12)
4496_60	MMP12	P39900	211	0.049	0.012	3.29E-05	0.05 (0.03, 0.07)	0.001	0.104	0.020	0.025	0.416	0.02 (-0.03, 0.07)	0.002	0.181	0.024	0.025	0.326	0.02 (-0.02, 0.07)	0.025	0.028	0.373	0.02 (-0.03, 0.08)
4159_130	CFH	P08603	211	0.059	0.014	3.49E-05	0.06 (0.03, 0.09)	0.001	4.42E-05	-0.027	0.027	0.332	-0.03 (-0.08, 0.03)	0.005	4.12E-04	0.031	0.023	0.171	0.03 (-0.01, 0.08)	0.021	0.024	0.379	0.02 (-0.03, 0.07)
13460_4	CHAD	O15335	211	-0.054	0.013	3.72E-05	-0.05 (-0.08, -0.03)	0.001	0.022	-0.012	0.026	0.632	-0.01 (-0.06, 0.04)	-0.003	0.058	-0.028	0.020	0.162	-0.03 (-0.07, 0.01)	-0.028	0.023	0.228	-0.03 (-0.07, 0.02)
3024_18	SERPINF2	P08697	211	0.061	0.015	3.80E-05	0.06 (0.03, 0.09)	0.001	1.24E-06	0.026	0.029	0.378	0.03 (-0.03, 0.08)	0.002	0.168	0.048	0.024	0.041	0.05 (2.02e-03, 0.0	0.041	0.023	0.074	0.04 (-3.74e-03, 0.09)
14615_46	KRTAP2-4	Q9BYR9	211	0.050	0.012	4.18E-05	0.05 (0.03, 0.07)	0.001	0.574	0.012	0.024	0.613	0.01 (-0.04, 0.06)	0.002	0.073	0.022	0.024	0.367	0.02 (-0.03, 0.07)	0.024	0.025	0.339	0.02 (-0.03, 0.07)
15513_108	PRSS8	Q16651	211	0.062	0.015	4.18E-05	0.06 (0.03, 0.09)	0.001	2.39E-07	-0.022	0.029	0.446	-0.02 (-0.08, 0.04)	0.005	0.001	0.041	0.020	0.043	0.04 (1.31e-03, 0.0	0.007	0.026	0.787	0.01 (-0.04, 0.06)
4455_89	MFGE8	Q08431	211	0.057	0.014	4.56E-05	0.06 (0.03, 0.08)	0.001	0.001	0.019	0.028	0.482	0.02 (-0.03, 0.07)	0.002	0.116	0.047	0.025	0.056	0.05 (-1.14e-03, 0.1	0.062	0.024	0.011	0.06 (0.01, 0.11)
2190_55	F11	P03951	211	0.058	0.014	4.76E-05	0.06 (0.03, 0.09)	0.002	0.002	0.030	0.028	0.285	0.03 (-0.03, 0.09)	0.002	0.255	0.044	0.026	0.089	0.04 (-0.01, 0.09)	0.047	0.023	0.045	0.05 (1.34e-03, 0.09)
7980_72	B3GNT2	Q9NY97	211	0.048	0.012	4.76E-05	0.05 (0.03, 0.07)	0.002	0.250	0.062	0.024	0.011	0.06 (0.01, 0.11)	-0.001	0.503	0.030	0.020	0.132	0.03 (-0.01, 0.07)	0.018	0.027	0.502	0.02 (-0.03, 0.07)
5478_50	FOLH1	Q04609	211	0.053	0.013	4.91E-05	0.05 (0.03, 0.08)	0.002	0.039	0.012	0.026	0.652	0.01 (-0.04, 0.06)	0.003	0.064	0.019	0.020	0.351	0.02 (-0.02, 0.06)	-0.025	0.028	0.361	-0.03 (-0.08, 0.03)
8405_108	ADAM10	O14672	211	0.052	0.013	5.00E-05	0.05 (0.03, 0.08)	0.002	0.014	0.020	0.025	0.418	0.02 (-0.03, 0.07)	0.002	0.154	0.018	0.023	0.447	0.02 (-0.03, 0.06)	0.007	0.025	0.768	0.01 (-0.04, 0.06)
11265_8	ALDH1A1	P00352	211	0.056	0.014	5.04E-05	0.06 (0.03, 0.08)	0.002	0.002	0.008	0.027	0.758	0.01 (-0.04, 0.06)	0.003	0.044	0.025	0.021	0.246	0.02 (-0.02, 0.07)	0.034	0.024	0.160	0.03 (-0.01, 0.08)
5452_71	ASGR1	P07306	211	0.064	0.016	5.12E-05	0.06 (0.03, 0.09)	0.002	5.49E-09	-0.035	0.030	0.246	-0.04 (-0.09, 0.02)	0.006	1.99E-04	0.025	0.021	0.242	0.02 (-0.02, 0.07)	0.009	0.026	0.718	0.01 (-0.04, 0.06)
7935_26	LARGE	O95461	211	0.057	0.014	5.19E-05	0.06 (0.03, 0.08)	0.002	1.73E-04	0.036	0.028	0.200	0.04 (-0.02, 0.09)	0.001	0.383	0.024	0.020	0.233	0.02 (-0.02, 0.06)	0.011	0.028	0.693	0.01 (-0.04, 0.06)
17441_4	ALPI	P09923	211	0.048	0.012	5.46E-05	0.05 (0.02, 0.07)	0.002	0.095	0.000	0.025	0.999	-3.00e-05 (-0.05, 0.05	0.003	0.025	0.024	0.020	0.230	0.02 (-0.02, 0.06)	0.028	0.024	0.239	0.03 (-0.02, 0.08)
3581_53	AHSG	P02765	211	0.055	0.014	5.48E-05	0.06 (0.03, 0.08)	0.002	0.004	0.004	0.027	0.896	3.53e-03 (-0.05, 0.06)	0.003	0.028	0.048	0.024	0.051	0.05 (-2.22e-04, 0.1	0.053	0.023	0.021	0.05 (0.01, 0.10)
13998_26	ADSSL1	Q8N142	211	0.056	0.014	5.54E-05	0.06 (0.03, 0.08)	0.002	0.001	0.013	0.027	0.640	0.01 (-0.04, 0.07)	0.003	0.070	0.034	0.025	0.175	0.03 (-0.02, 0.08)	0.037	0.024	0.122	0.04 (-0.01, 0.08)
3212_30	ASAH2	Q9NR71	211	0.054	0.013	5.56E-05	0.05 (0.03, 0.08)	0.002	0.008	-0.002	0.027	0.948	-1.74e-03 (-0.05, 0.05	0.003	0.017	0.030	0.020	0.128	0.03 (-0.01, 0.07)	0.011	0.023	0.630	0.01 (-0.03, 0.06)
3449_58	SERPINA4	P29622	211	0.058	0.014	5.67E-05	0.06 (0.03, 0.09)	0.002	1.90E-04	0.032	0.028	0.264	0.03 (-0.02, 0.09)	0.002	0.297	0.059	0.026	0.020	0.06 (0.01, 0.11)	0.060	0.024	0.014	0.06 (0.01, 0.11)
13983_27	CRYZ	Q08257	211	0.054	0.013	5.79E-05	0.05 (0.03, 0.08)	0.002	5.24E-07	0.002	0.026	0.933	2.20e-03 (-0.05, 0.05)	0.003	0.023	0.012	0.018	0.486	0.01 (-0.02, 0.05)	0.009	0.022	0.682	0.01 (-0.03, 0.05)
9199_6	UBE2G2	P60604	211	0.063	0.016	5.92E-05	0.06 (0.03, 0.09)	0.002	2.21E-08	-0.019	0.030	0.536	-0.02 (-0.08, 0.04)	0.005	0.002	0.001	0.022	0.967	9.11e-04 (-0.04, 0.0	0.004	0.024	0.883	3.53e-03 (-0.04, 0.05)
19506_6	GLYAT	Q6IB77	211	0.053	0.013	6.05E-05	0.05 (0.03, 0.08)	0.002	0.011	-0.009	0.026	0.725	-0.01 (-0.06, 0.04)	0.004	0.006	0.025	0.024	0.287	0.03 (-0.02, 0.07)	0.033	0.027	0.226	0.03 (-0.02, 0.09)
13102_1	FAM3D	Q96BQ1	211	0.046	0.011	6.11E-05	0.05 (0.02, 0.07)	0.002	0.756	0.044	0.023	0.054	0.04 (-5.86e-04, 0.09)	0.000	0.918	0.033	0.023	0.158	0.03 (-0.01, 0.08)	0.021	0.024	0.387	0.02 (-0.03, 0.07)
5843_60	EHMT2	Q96KQ7	211	-0.072	0.018	6.20E-05	-0.07 (-0.11, -0.04)	0.002	1.23E-17	-0.003	0.035	0.921	-3.50e-03 (-0.07, 0.07	-0.004	0.026	-0.042	0.022	0.056	-0.04 (-0.09, 1.03e-	-0.001	0.028	0.962	-1.32e-03 (-0.06, 0.05)
7628_40	CRELD1	Q96HD1	211	0.048	0.012	6.39E-05	0.05 (0.02, 0.07)	0.002	0.002	-0.002	0.024	0.932	-2.01e-03 (-0.05, 0.04	0.003	0.014	0.041	0.018	0.021	0.04 (0.01, 0.08)	-0.011	0.023	0.629	-0.01 (-0.06, 0.03)
16763_11	LECT2	O14960	211	0.055	0.014	6.45E-05	0.06 (0.03, 0.08)	0.002	3.98E-05	-0.033	0.027	0.209	-0.03 (-0.09, 0.02)	0.006	1.46E-04	0.032	0.019	0.096	0.03 (-0.01, 0.07)	0.013	0.025	0.613	0.01 (-0.04, 0.06)
19238_12	GLUL	P15104	211	0.052	0.013	6.64E-05	0.05 (0.03, 0.08)	0.002	0.022	-0.028	0.025	0.268	-0.03 (-0.08, 0.02)	0.005	2.88E-04	0.037	0.020	0.063	0.04 (-1.99e-03, 0.0	-0.018	0.026	0.493	-0.02 (-0.07, 0.03)
19622_7	INHBA	P08476	211	0.064	0.016	6.66E-05	0.06 (0.03, 0.10)	0.002	7.62E-12	0.008	0.032	0.812	0.01 (-0.05, 0.07)	0.004	0.040	0.042	0.020	0.038	0.04 (2.44e-03, 0.0	-0.018	0.029	0.523	-0.02 (-0.07, 0.04)
11480_1	ALDH3A1	P30838	211	0.046	0.012	7.05E-05	0.05 (0.02, 0.07)	0.002	0.122	-0.003	0.024	0.914	-2.60e-03 (-0.05, 0.04	0.003	0.020	0.031	0.020	0.125	0.03 (-0.01, 0.07)	0.007	0.025	0.775	0.01 (-0.04, 0.06)
2950_57	IGFBP4	P22692	211	0.062	0.016	7.05E-05	0.06 (0.03, 0.09)	0.002	8.54E-10	-0.010	0.031	0.734	-0.01 (-0.07, 0.05)	0.005	0.007	0.030	0.020	0.129	0.03 (-0.01, 0.07)	0.012	0.026	0.634	0.01 (-0.04, 0.06)
3431_54	EPHA1	P21709	211	0.051	0.013	7.01E-05	0.05 (0.03, 0.08)	0.002	0.229	-0.022	0.026	0.390	-0.02 (-0.07, 0.03)	0.005	0.001	0.017	0.022	0.432	0.02 (-0.03, 0.06)	0.005	0.027	0.869	4.51e-03 (-0.05, 0.06)
10438_19	CSF2RA	P15509	211	0.049	0.012	8.53E-05	0.05 (0.02, 0.07)	0.002	0.838	0.014	0.025	0.565	0.01 (-0.03, 0.06)	0.002	0.107	0.022	0.024	0.351	0.02 (-0.02, 0.07)	0.021	0.025	0.401	0.02 (-0.03, 0.07)
4913_78	CCL16	O15467	211	0.059	0.015	9.02E-05	0.06 (0.03, 0.09)	0.002	3.14E-06	-0.023	0.029	0.443	-0.02 (-0.08, 0.04)	0.005	0.002	0.037	0.022	0.089	0.04 (-0.01, 0.08)	0.035	0.024	0.139	0.04 (-0.01, 0.08)
5660_51	SOD3	P08294	211	-0.053	0.014	9.08E-05	-0.05 (-0.08, -0.03)	0.002	0.004	0.001	0.027	0.969	1.04e-03 (-0.05, 0.05)	-0.003	0.019	-0.043	0.019	0.028	-0.04 (-0.08, -4.63e-	-0.028	0.024	0.246	-0.03 (-0.08, 0.02)
16620_26	LY75	O60449	211	0.049	0.013	9.68E-05	0.05 (0.02, 0.07)	0.003	1.17E-11	0.071	0.025	0.005	0.07 (0.02, 0.12)	-0.001	0.301	0.049	0.015	0.001	0.05 (0.02, 0.08)	0.016	0.021	0.434	0.02 (-0.02, 0.06)
5618_50	FAM3B	P58499	211	0.047	0.012	9.87E-05	0.05 (0.02, 0.07)	0.003	0.416	-0.006	0.024	0.810	-0.01 (-0.05, 0.04)	0.003	0.012	0.038	0.020	0.052	0.04 (-3.99e-04, 0.0	0.035	0.023	0.130	0.03 (-0.01, 0.08)
3322_52	LRIG3	Q6UXM1	211	0.046	0.012	1.02E-04	0.05 (0.02, 0.07)	0.003	0.074	0.040	0.025	0.120	0.04 (-0.01, 0.09)	0.000	0.760	0.027	0.023	0.234	0.03 (-0.02, 0.07)	0.039	0.024	0.101	0.04 (-0.01, 0.09)
9580_5	LAMC2	Q13753	211	0.045	0.012	1.02E-04	0.05 (0.02, 0.07)	0.003	0.302	0.030	0.024	0.202	0.03 (-0.02, 0.08)	0.001	0.458	0.008	0.020	0.698	0.01 (-0.03, 0.05)	0.011	0.024	0.658	0.01 (-0.04, 0.06)
16828_8	COL6A1	P12109	211	0.038	0.010	1.04E-04	0.04 (0.02, 0.06)	0.003	0.903	0.015	0.020	0.439	0.02 (-0.02, 0.05)	0.001	0.176	0.028	0.016	0.074	0.03 (-2.69e-03, 0.0	-0.006	0.020	0.752	-0.01 (-0.05, 0.03)
7083_74	MATN4	O95460	211	0.046	0.012	1.04E-04	0.05 (0.02, 0.07)	0.003	0.624	0.053	0.024	0.026	0.05 (0.01, 0.10)	0.000	0.739	0.016	0.023	0.492	0.02 (-0.03, 0.06)	0.013	0.024	0.598	0.01 (-0.03, 0.06)
6433_57	FAM20A	Q96MK3	211	0.062	0.016	1.12E-04	0.06 (0.03, 0.09)	0.003	1.00E-10	-0.008	0.031	0.788	-0.01 (-0.07, 0.05)	0.004	0.010	-0.011	0.020	0.592	-0.01 (-0.05, 0.03)	-0.017	0.029	0.561	-0.02 (-0.07, 0.04)
15514_26	BCHE	P06276	211	0.062	0.016	1.14E-04	0.06 (0.03, 0.09)	0.003	1.31E-13	0.031	0.032	0.332	0.03 (-0.03, 0.09)	0.002	0.261	0.060	0.025	0.015	0.06 (0.01, 0.11)	0.059	0.022	0.010	0.06 (0.01, 0.10)
17515_6	HSPA13	P48723	211	0.053	0.014	1.15E-04	0.05 (0.03, 0.08)	0.003	0.001	0.020	0.027	0.473	0.02 (-0.03, 0.07)	0.002	0.155	-0.005	0.021	0.819	-4.82e-03 (-0.05, 0.	-0.006	0.028	0.838	-0.01 (-0.06, 0.05)
15559_5	ANTXR2	P58335	211	-0.064	0.017	1.33E-04	-0.06 (-0.10, -0.03)	0.003	2.53E-12	0.004	0.033	0.899	4.23e-03 (-0.06, 0.07)	-0.004	0.018	-0.029	0.020	0.156	-0.03 (-0.07, 0.01)	0.001	0.024	0.978	6.57e-04 (-0.05, 0.05)
16613_3	CDH17	Q12864	211	0.051	0.013	1.34E-04	0.05 (0.03, 0.08)	0.003	0.002	0.070	0.027	0.009	0.07 (0.02, 0.12)	-0.001	0.412	0.040	0.024	0.100	0.04 (-0.01, 0.09)	0.045	0.025	0.078	0.04 (-4.79e-03, 0.09)
4964_67	ERAP1	Q9NZ08	211	0.040	0.010	1.34E-04	0.04 (0.02, 0.06)	0.003	5.87E-06	0.033	0.021	0.117	0.03 (-0.01, 0.07)	0.000	0.699	0.012	0.014	0.410	0.01 (-0.02, 0.04)	0.005	0.017	0.782	4.58e-03 (-0.03, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
6897_38	B3GAT3	O94766	211	0.051	0.013	1.36E-04	0.05 (0.02, 0.08)	0.003	0.005	-0.012	0.026	0.656	-0.01 (-0.06, 0.04)	0.004	0.006	0.009	0.021	0.666	0.01 (-0.03, 0.05)	0.022	0.024	0.361	0.02 (-0.03, 0.07)
11187_11	CLEC12A	Q5QGZ9	211	0.036	0.009	1.39E-04	0.04 (0.02, 0.05)	0.004	0.471	0.009	0.019	0.635	0.01 (-0.03, 0.05)	0.002	0.096	0.010	0.018	0.578	0.01 (-0.02, 0.04)	0.015	0.019	0.440	0.01 (-0.02, 0.05)
17836_17	S100A16	Q96FQ6	211	0.050	0.013	1.42E-04	0.05 (0.02, 0.08)	0.004	0.024	-0.020	0.026	0.427	-0.02 (-0.07, 0.03)	0.004	0.002	0.003	0.021	0.869	3.44e-03 (-0.04, 0.0	-0.003	0.024	0.902	-2.96e-03 (-0.05, 0.04)
13614_6	CREBBP	Q92793	211	0.051	0.013	1.44E-04	0.05 (0.02, 0.08)	0.004	0.014	-0.009	0.026	0.732	-0.01 (-0.06, 0.04)	0.004	0.008	0.020	0.020	0.313	0.02 (-0.02, 0.06)	0.001	0.024	0.977	6.85e-04 (-0.05, 0.05)
11440_58	SOCS3	O14543	211	0.052	0.014	1.46E-04	0.05 (0.03, 0.08)	0.004	0.001	-0.014	0.027	0.590	-0.01 (-0.07, 0.04)	0.004	0.004	0.022	0.023	0.333	0.02 (-0.02, 0.07)	0.017	0.023	0.460	0.02 (-0.03, 0.06)
4152_58	KLKB1	P03952	211	0.062	0.016	1.49E-04	0.06 (0.03, 0.09)	0.004	4.98E-12	0.043	0.033	0.193	0.04 (-0.02, 0.11)	0.001	0.489	0.061	0.022	0.006	0.06 (0.02, 0.10)	0.066	0.025	0.009	0.07 (0.02, 0.11)
7784_1	KNG1	P01042	211	0.058	0.015	1.54E-04	0.06 (0.03, 0.09)	0.004	2.54E-08	0.010	0.030	0.746	0.01 (-0.05, 0.07)	0.003	0.067	0.030	0.023	0.194	0.03 (-0.02, 0.08)	0.041	0.025	0.103	0.04 (-0.01, 0.09)
5658_64	F13B	P05160	211	0.051	0.014	1.56E-04	0.05 (0.02, 0.08)	0.004	0.002	-0.011	0.026	0.690	-0.01 (-0.06, 0.04)	0.004	0.007	0.059	0.024	0.012	0.06 (0.01, 0.11)	0.045	0.024	0.068	0.04 (-3.10e-03, 0.09)
11219_95	FGFBP3	Q8TAT2	211	-0.050	0.013	1.57E-04	-0.05 (-0.08, -0.02)	0.004	0.011	-0.091	0.026	0.001	-0.09 (-0.14, -0.04)	0.003	0.065	-0.037	0.021	0.085	-0.04 (-0.08, 0.01)	-0.042	0.024	0.081	-0.04 (-0.09, 4.95e-03)
10041_3	HNF4A	P41235	211	0.046	0.012	1.63E-04	0.05 (0.02, 0.07)	0.004	0.078	0.019	0.026	0.458	0.02 (-0.03, 0.07)	0.002	0.230	0.040	0.026	0.126	0.04 (-0.01, 0.09)	0.031	0.026	0.230	0.03 (-0.02, 0.08)
6069_71	SUMF2	Q8NBJ7	211	0.051	0.013	1.62E-04	0.05 (0.02, 0.08)	0.004	0.003	-0.007	0.026	0.802	-0.01 (-0.06, 0.05)	0.004	0.013	0.012	0.021	0.572	0.01 (-0.03, 0.05)	0.019	0.024	0.432	0.02 (-0.03, 0.07)
8960_3	ERAP2	Q6P179	211	0.038	0.010	1.74E-04	0.04 (0.02, 0.06)	0.004	1.65E-05	0.055	0.020	0.006	0.06 (0.02, 0.09)	-0.001	0.305	0.024	0.016	0.128	0.02 (-0.01, 0.05)	0.034	0.017	0.052	0.03 (-5.44e-05, 0.07)
19556_12	CR1	P17927	211	0.045	0.012	1.82E-04	0.05 (0.02, 0.07)	0.004	0.197	0.040	0.025	0.112	0.04 (-0.01, 0.09)	0.000	0.801	0.022	0.023	0.331	0.02 (-0.02, 0.07)	0.024	0.024	0.310	0.02 (-0.02, 0.07)
3314_74	GFRA1	P56159	211	0.055	0.015	1.81E-04	0.06 (0.03, 0.08)	0.004	1.85E-06	-0.050	0.028	0.081	-0.05 (-0.11, 0.01)	0.007	2.75E-05	0.046	0.021	0.031	0.05 (4.32e-03, 0.0	-0.035	0.029	0.225	-0.03 (-0.09, 0.02)
13524_25	HS6ST2	Q96MM7	211	-0.055	0.015	1.85E-04	-0.05 (-0.08, -0.03)	0.004	6.07E-07	-0.017	0.029	0.568	-0.02 (-0.07, 0.04)	-0.002	0.133	-0.056	0.020	0.004	-0.06 (-0.10, -0.02)	-0.034	0.027	0.209	-0.03 (-0.09, 0.02)
5412_53	CD27	P26842	211	0.046	0.012	1.91E-04	0.05 (0.02, 0.07)	0.005	0.286	0.025	0.025	0.314	0.03 (-0.02, 0.07)	0.001	0.344	0.034	0.025	0.163	0.03 (-0.01, 0.08)	0.046	0.026	0.073	0.05 (-4.03e-03, 0.10)
3311_27	FCGR3B	O75015	211	0.060	0.016	1.93E-04	0.06 (0.03, 0.09)	0.005	5.96E-10	0.065	0.032	0.042	0.07 (2.67e-03, 0.13)	0.000	0.846	0.028	0.024	0.250	0.03 (-0.02, 0.07)	0.038	0.025	0.137	0.04 (-0.01, 0.09)
6923_1	PLOD2	O00469	211	0.051	0.014	1.95E-04	0.05 (0.02, 0.08)	0.005	0.001	-0.044	0.026	0.093	-0.04 (-0.10, 0.01)	0.006	3.75E-05	0.041	0.021	0.049	0.04 (1.02e-04, 0.0	-0.025	0.026	0.341	-0.02 (-0.07, 0.03)
5307_12	F9	P00740	211	0.066	0.018	2.00E-04	0.07 (0.03, 0.10)	0.005	1.32E-19	-0.011	0.035	0.764	-0.01 (-0.08, 0.06)	0.005	0.012	0.057	0.021	0.006	0.06 (0.02, 0.10)	0.009	0.027	0.728	0.01 (-0.04, 0.06)
16918_198	TLR3	O15455	211	0.044	0.012	2.01E-04	0.04 (0.02, 0.07)	0.005	0.351	0.034	0.024	0.156	0.03 (-0.01, 0.08)	0.001	0.629	0.025	0.022	0.252	0.03 (-0.02, 0.07)	0.030	0.023	0.200	0.03 (-0.02, 0.08)
6221_1	ADPGK	Q9BRR6	211	0.045	0.012	2.06E-04	0.04 (0.02, 0.07)	0.005	0.230	0.015	0.025	0.539	0.02 (-0.03, 0.06)	0.002	0.167	0.026	0.025	0.305	0.03 (-0.02, 0.08)	0.039	0.026	0.141	0.04 (-0.01, 0.09)
13492_44	HSPA9	P38646	211	0.043	0.012	2.18E-04	0.04 (0.02, 0.07)	0.005	0.169	0.021	0.024	0.393	0.02 (-0.03, 0.07)	0.001	0.284	0.023	0.023	0.312	0.02 (-0.02, 0.07)	0.023	0.025	0.357	0.02 (-0.03, 0.07)
3009_3	TGFBR3	Q03167	211	-0.057	0.015	2.28E-04	-0.06 (-0.09, -0.03)	0.005	4.25E-07	-0.028	0.030	0.361	-0.03 (-0.09, 0.03)	-0.002	0.273	-0.017	0.025	0.499	-0.02 (-0.07, 0.03)	-0.023	0.027	0.383	-0.02 (-0.08, 0.03)
10613_33	CASC4	Q6P4E1	211	0.048	0.013	2.43E-04	0.05 (0.02, 0.07)	0.006	0.037	0.056	0.026	0.030	0.06 (0.01, 0.11)	-0.001	0.697	0.024	0.022	0.284	0.02 (-0.02, 0.07)	0.028	0.028	0.330	0.03 (-0.03, 0.08)
10714_7	ACE	P12821	211	0.043	0.012	2.63E-04	0.04 (0.02, 0.07)	0.006	0.069	0.086	0.025	0.001	0.09 (0.04, 0.13)	-0.003	0.040	0.026	0.022	0.233	0.03 (-0.02, 0.07)	0.033	0.025	0.186	0.03 (-0.02, 0.08)
7038_45	ST8SIA4	Q92187	211	0.043	0.012	2.63E-04	0.04 (0.02, 0.07)	0.006	0.368	0.033	0.024	0.164	0.03 (-0.01, 0.08)	0.001	0.638	0.023	0.021	0.279	0.02 (-0.02, 0.06)	0.025	0.023	0.269	0.03 (-0.02, 0.07)
8233_2	ITIH5	Q86UX2	211	0.052	0.014	2.71E-04	0.05 (0.02, 0.08)	0.006	0.007	0.098	0.028	0.001	0.10 (0.04, 0.15)	-0.003	0.058	0.070	0.027	0.011	0.07 (0.02, 0.12)	0.080	0.029	0.007	0.08 (0.02, 0.14)
17782_23	ACAA1	P09110	211	0.052	0.014	2.74E-04	0.05 (0.02, 0.08)	0.006	1.65E-04	0.008	0.028	0.762	0.01 (-0.05, 0.06)	0.003	0.074	0.017	0.023	0.459	0.02 (-0.03, 0.06)	0.023	0.023	0.312	0.02 (-0.02, 0.07)
3070_1	IL2	P60568	211	0.054	0.015	2.77E-04	0.05 (0.02, 0.08)	0.006	3.71E-07	-0.026	0.029	0.373	-0.03 (-0.08, 0.03)	0.005	0.002	0.039	0.019	0.044	0.04 (1.06e-03, 0.0	-0.007	0.026	0.793	-0.01 (-0.06, 0.04)
8305_18	SULF2	Q8IWU5	211	0.054	0.015	2.82E-04	0.05 (0.03, 0.08)	0.006	1.80E-07	-0.016	0.029	0.581	-0.02 (-0.07, 0.04)	0.004	0.006	-0.005	0.020	0.799	-0.01 (-0.04, 0.03)	-0.013	0.025	0.599	-0.01 (-0.06, 0.04)
4874_3	ANG	P03950	211	0.054	0.015	2.84E-04	0.05 (0.02, 0.08)	0.006	7.03E-07	0.025	0.029	0.389	0.03 (-0.03, 0.08)	0.002	0.261	0.054	0.025	0.031	0.05 (4.94e-03, 0.1	0.037	0.024	0.125	0.04 (-0.01, 0.08)
13501_10	SLC35G2	Q8TBE7	211	0.050	0.014	2.93E-04	0.05 (0.02, 0.08)	0.006	0.001	-0.021	0.027	0.426	-0.02 (-0.07, 0.03)	0.004	0.003	0.031	0.019	0.112	0.03 (-0.01, 0.07)	0.026	0.025	0.290	0.03 (-0.02, 0.08)
19377_14	OLFM2	O95897	211	0.044	0.012	2.94E-04	0.04 (0.02, 0.07)	0.006	0.426	0.000	0.024	0.990	-3.00e-04 (-0.05, 0.05	0.003	0.036	0.023	0.021	0.268	0.02 (-0.02, 0.06)	0.018	0.025	0.470	0.02 (-0.03, 0.07)
4546_27	ADGRE2	Q9UHX3	211	0.045	0.012	2.92E-04	0.05 (0.02, 0.07)	0.006	0.327	0.072	0.025	0.005	0.07 (0.02, 0.12)	-0.002	0.217	0.056	0.026	0.032	0.06 (4.68e-03, 0.1	0.071	0.028	0.010	0.07 (0.02, 0.13)
5350_14	GPC6	Q9Y625	211	0.044	0.012	3.01E-04	0.04 (0.02, 0.07)	0.006	0.072	-0.001	0.025	0.962	-1.21e-03 (-0.05, 0.05	0.003	0.043	0.012	0.023	0.591	0.01 (-0.03, 0.06)	0.016	0.024	0.518	0.02 (-0.03, 0.06)
4124_24	HSPA1A	P0DMV8	211	0.050	0.014	3.07E-04	0.05 (0.02, 0.08)	0.007	0.001	-0.017	0.027	0.531	-0.02 (-0.07, 0.04)	0.004	0.004	0.003	0.021	0.897	2.73e-03 (-0.04, 0.0	0.004	0.026	0.889	3.61e-03 (-0.05, 0.05)
5462_62	FCN3	O75636	211	0.058	0.016	3.16E-04	0.06 (0.03, 0.09)	0.007	1.50E-11	-0.006	0.032	0.851	-0.01 (-0.07, 0.06)	0.004	0.019	0.041	0.021	0.050	0.04 (-3.76e-05, 0.0	0.024	0.025	0.335	0.02 (-0.02, 0.07)
8905_20	KCNMB3	Q9NPA1	211	0.058	0.016	3.20E-04	0.06 (0.03, 0.09)	0.007	3.91E-11	-0.010	0.031	0.744	-0.01 (-0.07, 0.05)	0.004	0.013	0.041	0.024	0.085	0.04 (-0.01, 0.09)	0.048	0.024	0.045	0.05 (1.31e-03, 0.10)
15452_5	NT5E	P21589	211	0.055	0.015	3.24E-04	0.06 (0.03, 0.09)	0.007	2.32E-09	0.009	0.030	0.768	0.01 (-0.05, 0.07)	0.003	0.080	0.021	0.020	0.290	0.02 (-0.02, 0.06)	-0.011	0.027	0.691	-0.01 (-0.06, 0.04)
9369_174	LRRC4C	Q9HCJ2	211	0.043	0.012	3.30E-04	0.04 (0.02, 0.07)	0.007	0.082	0.028	0.026	0.272	0.03 (-0.02, 0.08)	0.001	0.497	0.023	0.022	0.284	0.02 (-0.02, 0.07)	0.028	0.026	0.286	0.03 (-0.02, 0.08)
4876_32	F9	P00740	211	0.064	0.018	3.33E-04	0.06 (0.03, 0.10)	0.007	1.25E-20	-0.015	0.035	0.674	-0.01 (-0.08, 0.05)	0.005	0.010	0.050	0.022	0.023	0.05 (0.01, 0.09)	0.013	0.027	0.624	0.01 (-0.04, 0.07)
5491_12	SPOCK2	Q92563	211	0.043	0.012	3.58E-04	0.04 (0.02, 0.07)	0.007	0.104	0.016	0.026	0.532	0.02 (-0.03, 0.07)	0.002	0.220	0.020	0.022	0.367	0.02 (-0.02, 0.06)	0.023	0.024	0.351	0.02 (-0.02, 0.07)
5939_42	TNFSF12	O43508	211	-0.047	0.013	3.57E-04	-0.05 (-0.07, -0.02)	0.007	0.009	-0.055	0.026	0.040	-0.05 (-0.11, -2.79e-0	0.000	0.756	-0.047	0.025	0.057	-0.05 (-0.10, 1.40e-	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)
14133_93	IL1R2	P27930	211	0.051	0.014	3.62E-04	0.05 (0.02, 0.08)	0.007	3.16E-05	0.056	0.028	0.048	0.06 (7.09e-04, 0.11)	0.000	0.832	0.031	0.022	0.161	0.03 (-0.01, 0.07)	0.029	0.025	0.254	0.03 (-0.02, 0.08)
9832_33	HGD	Q93099	211	0.047	0.013	3.62E-04	0.05 (0.02, 0.07)	0.007	0.047	-0.007	0.026	0.780	-0.01 (-0.06, 0.04)	0.003	0.016	0.026	0.020	0.185	0.03 (-0.01, 0.06)	0.018	0.025	0.463	0.02 (-0.03, 0.07)
7202_107	SEMA6C	Q9H3T2	211	0.046	0.013	3.71E-04	0.05 (0.02, 0.07)	0.008	0.040	-0.022	0.025	0.382	-0.02 (-0.07, 0.03)	0.004	0.002	0.014	0.022	0.519	0.01 (-0.03, 0.06)	0.015	0.023	0.513	0.02 (-0.03, 0.06)
2754_50	C3	P01024	211	0.043	0.012	3.72E-04	0.04 (0.02, 0.07)	0.008	0.071	-0.003	0.025	0.911	-2.85e-03 (-0.05, 0.05	0.003	0.038	0.023	0.024	0.334	0.02 (-0.02, 0.07)	0.032	0.024	0.172	0.03 (-0.01, 0.08)
5109_24	NRCAM	Q92823	211	0.052	0.015	3.76E-04	0.05 (0.02, 0.08)	0.008	2.39E-05	0.076	0.029	0.009	0.08 (0.02, 0.13)	-0.002	0.323	0.035	0.027	0.183	0.04 (-0.02, 0.09)	0.027	0.026	0.296	0.03 (-0.02, 0.08)
13686_2	IL5RA	Q01344	211	0.052	0.015	3.87E-04	0.05 (0.02, 0.08)	0.008	2.61E-04	0.032	0.029	0.275	0.03 (-0.03, 0.09)	0.001	0.431	0.014	0.021	0.507	0.01 (-0.03, 0.06)	0.023	0.028	0.412	0.02 (-0.03, 0.08)
11278_4	COL11A2	P13942	211	-0.047	0.013	3.96E-04	-0.05 (-0.07, -0.02)	0.008	0.020	-0.023	0.026	0.375	-0.02 (-0.07, 0.03)	-0.001	0.298	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)	-0.040	0.025	0.107	-0.04 (-0.09, 0.01)
12488_9	MCTS1	Q9ULC4	211	0.047	0.013	4.06E-04	0.05 (0.02, 0.07)	0.008	0.027	-0.005	0.026	0.840	-0.01 (-0.06, 0.05)	0.003	0.020	0.007	0.022	0.749	0.01 (-0.04, 0.05)	0.006	0.024	0.805	0.01 (-0.04, 0.05)
13665_35	PPP2R3A	Q06190	211	0.048	0.014	4.12E-04	0.05 (0.02, 0.08)	0.008	0.001	-0.024	0.027	0.374	-0.02 (-0.08, 0.03)	0.005	0.002	0.012	0.023	0.615	0.01 (-0.03, 0.06)	0.011	0.023	0.631	0.01 (-0.03, 0.06)
7192_37	IFNLR1	Q8IU57	211	0.042	0.012	4.16E-04	0.04 (0.02, 0.07)	0.008	0.428	0.010	0.024	0.667	0.01 (-0.04, 0.06)	0.002	0.121	0.026	0.024	0.281	0.03 (-0.02, 0.07)	0.021	0.023	0.369	0.02 (-0.02, 0.07)
6289_78	ARHGAP3	Q6ZRI8	211	0.042	0.012	4.31E-04	0.04 (0.02, 0.07)	0.009	0.071	-0.037	0.025	0.132	-0.04 (-0.09, 0.01)	0.005	2.49E-04	0.022	0.020	0.277	0.02 (-0.02, 0.06)	-0.011	0.025	0.644	-0.01 (-0.06, 0.04)
13427_66	MAN1C1	Q9NR34	211	0.048	0.014	4.33E-04	0.05 (0.02, 0.08)	0.009	0.003	0.053	0.027	0.054	0.05 (-6.67e-04, 0.11)	0.000	0.851	-0.012	0.021	0.568	-0.01 (-0.05, 0.03)	-0.017	0.027	0.535	-0.02 (-0.07, 0.04)
10451_11	NUCB1	Q02818	211	0.051	0.014	4.35E-04	0.05 (0.02, 0.08)	0.009	1.81E-05	-0.015	0.028	0.593	-0.01 (-0.07, 0.04)	0.004	0.006	0.032	0.021	0.120	0.03 (-0.01, 0.07)	0.030	0.025	0.230	0.03 (-0.02, 0.08)
5688_65	CBLN4	Q9NTU7	211	0.049	0.014	4.62E-04	0.05 (0.02, 0.08)	0.009	0.002	0.053	0.028	0.058	0.05 (-1.58e-03, 0.11)	0.000	0.871	0.033	0.024	0.158	0.03 (-0.01, 0.08)	0.048	0.025	0.061	0.05 (-1.94e-03, 0.10)
2700_56	PROS1	P07225	211	0.051	0.014	4.68E-04	0.05 (0.02, 0.08)	0.009	3.03E-05	0.005	0.029	0.857	0.01 (-0.05, 0.06)	0.003	0.068	0.021	0.023	0.348	0.02 (-0.02, 0.07)	0.024	0.023	0.301	0.02 (-0.02, 0.07)
8838_10	CASC4	Q6P4E1	211	0.041	0.012	4.68E-04	0.04 (0.02, 0.06)	0.009	0.074	0.004	0.025	0.868	4.12e-03 (-0.04, 0.05)	0.002	0.085	0.007	0.021	0.745	0.01 (-0.03, 0.05)	0.009	0.025	0.725	0.01 (-0.04, 0.06)
6586_19	ADAM11	O75078	211	0.054	0.015	4.74E-04	0.05 (0.02, 0.08)	0.009	7.62E-09	0.040	0.031	0.200	0.04 (-0.02, 0.10)	0.001	0.600	0.008	0.023	0.736	0.01 (-0.04, 0.05)	-0.003	0.028	0.911	-3.15e-03 (-0.06, 0.05)
2643_57	CDH3	P22223	211	0.053	0.015	4.84E-04	0.05 (0.02, 0.08)	0.009	6.30E-09	-0.032	0.029	0.268	-0.03 (-0.09, 0.02)	0.005	0.001	0.025	0.020	0.212	0.03 (-0.01, 0.06)	0.021	0.022	0.340	0.02 (-0.02, 0.07)
14337_1	TRAPPC3	O43617	211	0.049	0.014	4.91E-04	0.05 (0.02, 0.08)	0.009	0.001	-0.013	0.028	0.635	-0.01 (-0.07, 0.04)	0.004	0.009	0.007	0.025	0.774	0.01 (-0.04, 0.06)	-0.001	0.025	0.972	-8.49e-04 (-0.05, 0.05)
12436_84	GSTO1	P78417	211	0.053	0.015	0.001	0.05 (0.02, 0.08)	0.010	7.90E-13	0.019	0.031	0.549	0.02 (-0.04, 0.08)	0.002	0.200	0.056	0.023	0.013	0.06 (0.01, 0.10)	0.046	0.023	0.044	0.05 (1.52e-03, 0.09)
6380_23	ICT1	Q14197	211	-0.041	0.012	0.001	-0.04 (-0.06, -0.02)	0.010	0.390	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)	0.000	0.992	-0.021	0.022	0.343	-0.02 (-0.06, 0.02)	-0.030	0.024	0.206	-0.03 (-0.08, 0.02)
3057_55	WISP1	O95388	211	0.053	0.015	0.001	0.05 (0.02, 0.08)	0.010	6.04E-08	0.001	0.030	0.977	8.55e-04 (-0.06, 0.06)	0.003	0.046	0.030	0.025	0.225	0.03 (-0.02, 0.08)	0.022	0.026	0.381	0.02 (-0.03, 0.07)
6496_60	DLK1	P80370	211	0.049	0.014	0.001	0.05 (0.02, 0.08)	0.010	0.003	0.026	0.028	0.358	0.03 (-0.03, 0.08)	0.001	0.346	0.004	0.021	0.847	3.97e-03 (-0.04, 0.0	0.003	0.026	0.912	2.91e-03 (-0.05, 0.05)
11262_39	TRABD	Q9H4I3	211	0.046	0.013	0.001	0.05 (0.02, 0.07)	0.011	0.002	-0.020	0.025	0.421	-0.02 (-0.07, 0.03)	0.004	0.003	0.004	0.021	0.863	3.71e-03 (-0.04, 0.0	0.007	0.023	0.773	0.01 (-0.04, 0.05)
8888_33	SMIM9	A6NGZ8	211	0.045	0.013	0.001	0.05 (0.02, 0.07)	0.011	0.030	-0.019	0.025	0.446	-0.02 (-0.07, 0.03)	0.004	0.004	0.034	0.019	0.083	0.03 (-4.37e-03, 0.0	0.007	0.024	0.773	0.01 (-0.04, 0.05)
6388_21	CCDC126	Q96EE4	211	-0.048	0.014	0.001	-0.05 (-0.07, -0.02)	0.011	0.003	-0.004	0.027	0.880	-4.13e-03 (-0.06, 0.05	-0.003	0.067	-0.017	0.021	0.425	-0.02 (-0.06, 0.02)	-0.023	0.026	0.367	-0.02 (-0.07, 0.03)
3622_33	LGMN	Q99538	211	0.047	0.014	0.001	0.05 (0.02, 0.07)	0.011	0.004	-0.008	0.027	0.761	-0.01 (-0.06, 0.04)	0.003	0.018	-0.016	0.020	0.429	-0.02 (-0.06, 0.02)	-0.023	0.025	0.364	-0.02 (-0.07, 0.03)
2967_8	VCAM1	P19320	211	0.048	0.014	0.001	0.05 (0.02, 0.07)	0.011	0.006	0.049	0.027	0.074	0.05 (-4.48e-03, 0.10)	0.000	0.947	0.041	0.023	0.080	0.04 (-4.83e-03, 0.0	0.052	0.025	0.044	0.05 (1.76e-03, 0.10)
7891_45	UGT1A6	P19224	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.011	0.289	-0.007	0.024	0.759	-0.01 (-0.05, 0.04)	0.003	0.021	0.005	0.024	0.834	0.01 (-0.04, 0.05)	0.000	0.025	0.996	-1.38e-04 (-0.05, 0.05)
10036_201	ZHX3	Q9H4I2	211	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.011	9.85E-06	-0.029	0.028	0.310	-0.03 (-0.08, 0.03)	0.005	0.001	0.014	0.024	0.549	0.01 (-0.03, 0.06)	0.019	0.024	0.431	0.02 (-0.03, 0.07)
12395_86	DARS2	Q6PI48	211	-0.039	0.012	0.001	-0.04 (-0.06, -0.02)	0.011	0.691	-0.056	0.023	0.015	-0.06 (-0.10, -0.01)	0.001	0.400	-0.063	0.021	0.003	-0.06 (-0.10, -0.02)	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)
5065_8	CD83	Q01151	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.011	0.129	0.005	0.024	0.847	4.68e-03 (-0.04, 0.05)	0.002	0.096	0.001	0.022	0.963	1.05e-03 (-0.04, 0.0	0.000	0.024	0.996	-1.29e-04 (-0.05, 0.05)
6629_3	DEFB1	P60022	211	0.065	0.019	0.001	0.06 (0.03, 0.10)	0.011	2.01E-27	-0.014	0.037	0.699	-0.01 (-0.09, 0.06)	0.005	0.014	0.068	0.021	0.001	0.07 (0.03, 0.11)	0.038	0.029	0.203	0.04 (-0.02, 0.10)
5487_7	SLAMF7	Q9NQ25	211	0.043	0.013	0.001	0.04 (0.02, 0.07)	0.012	0.006	0.068	0.025	0.007	0.07 (0.02, 0.12)	-0.002	0.240	0.029	0.023	0.207	0.03 (-0.02, 0.07)	0.019	0.024	0.417	0.02 (-0.03, 0.07)
11457_53	GALE	Q14376	211	0.057	0.017	0.001	0.06 (0.02, 0.09)	0.012	1.07E-14	-0.031	0.033	0.346	-0.03 (-0.10, 0.03)	0.005	0.002	0.035	0.021	0.098	0.04 (-0.01, 0.08)	0.027	0.024	0.258	0.03 (-0.02, 0.07)
6927_7	NDST1	P52848	211	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.012	3.27E-05	0.042	0.029	0.152	0.04 (-0.02, 0.10)	0.001	0.750	-0.011	0.022	0.602	-0.01 (-0.05, 0.03)	-0.015	0.030	0.612	-0.02 (-0.07, 0.04)
13738_8	INHBA	P08476	211	0.059	0.017	0.001	0.06 (0.03, 0.09)	0.012	6.27E-19	-0.006	0.034	0.866	-0.01 (-0.07, 0.06)	0.004	0.029	0.042	0.021	0.040	0.04 (1.87e-03, 0.0	-0.001	0.027	0.957	-1.44e-03 (-0.05, 0.05)
2991_9	IL1R1	P14778	211	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.012	3.91E-06	0.113	0.029	1.09E-04	0.11 (0.06, 0.17)	-0.004	0.011	0.068	0.026	0.010	0.07 (0.02, 0.12)	0.076	0.028	0.008	0.08 (0.02, 0.13)
7795_14	KLRC3	Q07444	211	0.047	0.014	0.001	0.05 (0.02, 0.07)	0.012	0.002	-0.016	0.027	0.552	-0.02 (-0.07, 0.04)	0.004	0.007	0.019	0.025	0.439	0.02 (-0.03, 0.07)	0.015	0.024	0.526	0.02 (-0.03, 0.06)
12630_8	ARFIP2	P53365	211	-0.053	0.016	0.001	-0.05 (-0.08, -0.02)	0.012	2.05E-09	-0.038	0.031	0.216	-0.04 (-0.10, 0.02)	-0.001	0.589	-0.030	0.024	0.208	-0.03 (-0.08, 0.02)	-0.028	0.025	0.265	-0.03 (-0.08, 0.02)
10816_150	PILRA	Q9UKJ1	211	0.030	0.009	0.001	0.03 (0.01, 0.05)	0.012	0.055	0.009	0.020	0.656	0.01 (-0.03, 0.05)	0.001	0.222	0.010	0.016	0.524	0.01 (-0.02, 0.04)	0.003	0.019	0.856	3.43e-03 (-0.03, 0.04)
18935_14	TLR5	O60602	211	0.045	0.013	0.001	0.04 (0.02, 0.07)	0.012	0.013	-0.006	0.026	0.822	-0.01 (-0.06, 0.04)	0.003	0.024	0.005	0.022	0.824	4.95e-03 (-0.04, 0.0	0.008	0.024	0.730	0.01 (-0.04, 0.05)
17404_5	ARL5B	Q96KC2	211	0.048	0.014	0.001	0.05 (0.02, 0.08)	0.012	0.002	-0.012	0.028	0.659	-0.01 (-0.07, 0.04)	0.004	0.013	0.006	0.021	0.758	0.01 (-0.03, 0.05)	0.008	0.025	0.765	0.01 (-0.04, 0.06)
19361_78	MATN3	O15232	211	-0.038	0.011	0.001	-0.04 (-0.06, -0.02)	0.012	0.089	-0.005	0.024	0.836	-4.93e-03 (-0.05, 0.04	-0.002	0.104	-0.023	0.023	0.323	-0.02 (-0.07, 0.02)	-0.034	0.026	0.189	-0.03 (-0.09, 0.02)
6324_11	DNASE1L2	Q92874	211	0.049	0.014	0.001	0.05 (0.02, 0.08)	0.012	6.37E-06	-0.007	0.028	0.808	-0.01 (-0.06, 0.05)	0.003	0.024	0.023	0.023	0.315	0.02 (-0.02, 0.07)	0.032	0.025	0.189	0.03 (-0.02, 0.08)
4775_34	GSN	P06396	211	-0.046	0.014	0.001	-0.05 (-0.07, -0.02)	0.013	0.003	-0.039	0.027	0.159	-0.04 (-0.09, 0.01)	0.000	0.738	-0.032	0.025	0.203	-0.03 (-0.08, 0.02)	-0.040	0.027	0.134	-0.04 (-0.09, 0.01)
4568_17	SLITRK5	O94991	211	-0.050	0.015	0.001	-0.05 (-0.08, -0.02)	0.013	6.80E-07	0.014	0.029	0.640	0.01 (-0.04, 0.07)	-0.004	0.012	-0.031	0.027	0.256	-0.03 (-0.08, 0.02)	-0.034	0.027	0.200	-0.03 (-0.09, 0.02)
15516_12	SAA4	P35542	211	0.053	0.016	0.001	0.05 (0.02, 0.08)	0.013	3.54E-05	0.002	0.031	0.941	2.33e-03 (-0.06, 0.06)	0.003	0.060	0.015	0.026	0.547	0.02 (-0.03, 0.07)	0.006	0.026	0.813	0.01 (-0.05, 0.06)
13053_6	SLC6A14	Q9UN76	211	0.045	0.013	0.001	0.05 (0.02, 0.07)	0.014	0.014	-0.026	0.027	0.339	-0.03 (-0.08, 0.03)	0.004	0.003	0.025	0.022	0.244	0.03 (-0.02, 0.07)	0.009	0.028	0.754	0.01 (-0.05, 0.06)
10419_1	SCARA5	Q6ZMJ2	211	0.053	0.016	0.001	0.05 (0.02, 0.08)	0.014	1.45E-09	0.101	0.031	0.001	0.10 (0.04, 0.16)	-0.003	0.076	0.083	0.023	4.29E-04	0.08 (0.04, 0.13)	0.091	0.026	0.001	0.09 (0.04, 0.14)
9278_9	CXCL12	P48061	211	-0.050	0.015	0.001	-0.05 (-0.08, -0.02)	0.014	4.53E-06	-0.033	0.029	0.267	-0.03 (-0.09, 0.02)	-0.001	0.507	-0.031	0.026	0.234	-0.03 (-0.08, 0.02)	-0.041	0.026	0.107	-0.04 (-0.09, 0.01)
16057_6	IGF2R	P11717	211	0.046	0.014	0.001	0.05 (0.02, 0.07)	0.014	0.014	0.007	0.027	0.798	0.01 (-0.05, 0.06)	0.002	0.096	0.022	0.025	0.372	0.02 (-0.03, 0.07)	0.025	0.025	0.322	0.03 (-0.02, 0.08)
6480_1	CANT1	Q8WVQ1	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.014	0.112	-0.009	0.025	0.711	-0.01 (-0.06, 0.04)	0.003	0.024	-0.009	0.021	0.677	-0.01 (-0.05, 0.03)	-0.014	0.026	0.589	-0.01 (-0.06, 0.04)
11510_31	APOL1	O14791	211	0.046	0.014	0.001	0.05 (0.02, 0.07)	0.014	3.37E-04	0.010	0.028	0.730	0.01 (-0.04, 0.06)	0.002	0.129	0.044	0.020	0.025	0.04 (0.01, 0.08)	0.035	0.024	0.138	0.04 (-0.01, 0.08)
12340_17	AARS	P49588	211	-0.040	0.012	0.001	-0.04 (-0.06, -0.02)	0.014	0.328	-0.063	0.024	0.011	-0.06 (-0.11, -0.01)	0.001	0.287	-0.057	0.025	0.023	-0.06 (-0.11, -0.01)	-0.074	0.027	0.006	-0.07 (-0.13, -0.02)
17792_158	ALDH5A1	P51649	211	0.043	0.013	0.001	0.04 (0.02, 0.07)	0.015	2.02E-06	0.004	0.026	0.880	3.92e-03 (-0.05, 0.05)	0.002	0.079	0.009	0.019	0.622	0.01 (-0.03, 0.05)	0.014	0.021	0.526	0.01 (-0.03, 0.06)
5646_20	RNASE6	Q93091	211	0.047	0.014	0.001	0.05 (0.02, 0.08)	0.016	3.23E-04	-0.001	0.028	0.960	-1.42e-03 (-0.06, 0.05	0.003	0.046	0.008	0.021	0.718	0.01 (-0.03, 0.05)	0.011	0.026	0.672	0.01 (-0.04, 0.06)
4430_44	COLEC11	Q9BWP8	211	0.042	0.013	0.001	0.04 (0.02, 0.07)	0.016	0.194	0.031	0.026	0.233	0.03 (-0.02, 0.08)	0.001	0.644	0.023	0.025	0.356	0.02 (-0.03, 0.07)	0.024	0.025	0.334	0.02 (-0.02, 0.07)
6402_8	PILRA	Q9UKJ1	211	0.034	0.010	0.001	0.03 (0.01, 0.05)	0.016	0.003	0.012	0.022	0.570	0.01 (-0.03, 0.05)	0.001	0.270	0.021	0.016	0.186	0.02 (-0.01, 0.05)	0.013	0.021	0.535	0.01 (-0.03, 0.05)
4923_79	AMH	P03971	211	0.045	0.014	0.001	0.05 (0.02, 0.07)	0.016	0.004	0.008	0.027	0.763	0.01 (-0.04, 0.06)	0.002	0.114	0.032	0.025	0.210	0.03 (-0.02, 0.08)	0.033	0.025	0.179	0.03 (-0.02, 0.08)
5364_7	SET	Q01105	211	0.044	0.013	0.001	0.04 (0.02, 0.07)	0.016	0.015	0.006	0.026	0.818	0.01 (-0.05, 0.06)	0.002	0.098	0.010	0.021	0.652	0.01 (-0.03, 0.05)	0.014	0.024	0.543	0.01 (-0.03, 0.06)
11838_130	PIEZO1	Q92508	211	0.038	0.012	0.001	0.04 (0.02, 0.06)	0.016	0.124	-0.011	0.024	0.657	-0.01 (-0.06, 0.04)	0.003	0.019	0.007	0.023	0.754	0.01 (-0.04, 0.05)	0.007	0.022	0.759	0.01 (-0.04, 0.05)
3316_58	SERPIND1	P05546	211	0.056	0.017	0.001	0.06 (0.02, 0.09)	0.016	2.90E-16	-0.013	0.033	0.709	-0.01 (-0.08, 0.05)	0.004	0.018	0.008	0.021	0.711	0.01 (-0.03, 0.05)	0.017	0.023	0.467	0.02 (-0.03, 0.06)
3232_28	ACP5	P13686	211	0.047	0.014	0.001	0.05 (0.02, 0.08)	0.016	0.001	0.014	0.028	0.634	0.01 (-0.04, 0.07)	0.002	0.169	0.012	0.020	0.552	0.01 (-0.03, 0.05)	-0.011	0.030	0.720	-0.01 (-0.07, 0.05)
15573_110	NCAN	O14594	211	-0.057	0.017	0.001	-0.06 (-0.09, -0.02)	0.016	1.36E-13	0.053	0.033	0.109	0.05 (-0.01, 0.12)	-0.007	1.61E-04	-0.004	0.021	0.866	-3.52e-03 (-0.04, 0.	0.006	0.025	0.826	0.01 (-0.04, 0.06)
2633_52	IL13RA1	P78552	211	0.039	0.012	0.001	0.04 (0.02, 0.06)	0.016	0.077	-0.019	0.025	0.433	-0.02 (-0.07, 0.03)	0.004	0.007	-0.001	0.020	0.977	-5.69e-04 (-0.04, 0.	-0.016	0.025	0.538	-0.02 (-0.07, 0.03)
3280_49	ACAN	P16112	211	-0.039	0.012	0.001	-0.04 (-0.06, -0.02)	0.016	0.251	-0.073	0.024	0.003	-0.07 (-0.12, -0.03)	0.002	0.104	-0.041	0.025	0.092	-0.04 (-0.09, 0.01)	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)
3292_75	CD48	P09326	211	0.046	0.014	0.001	0.05 (0.02, 0.07)	0.016	0.008	0.096	0.027	0.001	0.10 (0.04, 0.15)	-0.003	0.034	0.056	0.027	0.041	0.06 (2.38e-03, 0.1	0.067	0.028	0.019	0.07 (0.01, 0.12)
5128_53	SLAMF6	Q96DU3	211	0.039	0.012	0.001	0.04 (0.02, 0.06)	0.016	0.181	0.004	0.024	0.858	4.37e-03 (-0.04, 0.05)	0.002	0.103	0.030	0.019	0.121	0.03 (-0.01, 0.07)	0.019	0.028	0.484	0.02 (-0.03, 0.07)
3169_70	IDUA	P35475	211	0.056	0.017	0.001	0.06 (0.02, 0.09)	0.016	1.22E-18	0.000	0.033	0.992	3.21e-04 (-0.07, 0.07)	0.003	0.057	0.005	0.019	0.784	0.01 (-0.03, 0.04)	-0.014	0.023	0.551	-0.01 (-0.06, 0.03)
3518_54	CPB2	Q96IY4	211	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.016	1.67E-08	0.013	0.030	0.679	0.01 (-0.05, 0.07)	0.002	0.153	0.023	0.021	0.286	0.02 (-0.02, 0.06)	0.022	0.024	0.354	0.02 (-0.02, 0.07)
4996_66	HRG	P04196	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.017	0.979	0.029	0.024	0.225	0.03 (-0.02, 0.08)	0.001	0.611	0.046	0.025	0.067	0.05 (-3.15e-03, 0.0	0.053	0.023	0.024	0.05 (0.01, 0.10)
5223_59	GCKR	Q14397	211	0.048	0.015	0.001	0.05 (0.02, 0.08)	0.017	5.26E-07	-0.017	0.028	0.553	-0.02 (-0.07, 0.04)	0.004	0.009	0.016	0.020	0.410	0.02 (-0.02, 0.06)	0.010	0.023	0.669	0.01 (-0.04, 0.06)
15487_164	CES1	P23141	211	0.053	0.016	0.001	0.05 (0.02, 0.09)	0.017	3.74E-13	-0.048	0.031	0.129	-0.05 (-0.11, 0.01)	0.006	2.56E-04	0.046	0.021	0.026	0.05 (0.01, 0.09)	0.030	0.026	0.245	0.03 (-0.02, 0.08)
3296_92	CNTN2	Q02246	211	0.038	0.012	0.001	0.04 (0.02, 0.06)	0.017	0.222	0.045	0.024	0.064	0.04 (-2.35e-03, 0.09)	0.000	0.747	0.053	0.025	0.031	0.05 (5.00e-03, 0.1	0.054	0.025	0.028	0.05 (0.01, 0.10)
3516_60	CXCL12	P48061	211	-0.049	0.015	0.001	-0.05 (-0.08, -0.02)	0.017	2.49E-06	-0.036	0.030	0.226	-0.04 (-0.09, 0.02)	-0.001	0.622	-0.034	0.026	0.187	-0.03 (-0.08, 0.02)	-0.047	0.025	0.061	-0.05 (-0.10, 1.83e-03)
8289_8	GPNMB	Q14956	211	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.017	4.48E-08	0.100	0.030	0.001	0.10 (0.04, 0.16)	-0.003	0.060	0.082	0.022	2.26E-04	0.08 (0.04, 0.13)	0.086	0.026	0.001	0.09 (0.03, 0.14)
18180_58	RTN4IP1	Q8WWV3	211	-0.038	0.012	0.001	-0.04 (-0.06, -0.02)	0.017	0.597	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)	0.001	0.347	-0.054	0.024	0.021	-0.05 (-0.10, -0.01)	-0.050	0.024	0.042	-0.05 (-0.10, -2.00e-03)
19296_51	MYL7	Q01449	211	0.039	0.012	0.001	0.04 (0.02, 0.06)	0.018	0.706	0.014	0.024	0.545	0.01 (-0.03, 0.06)	0.002	0.233	0.022	0.024	0.359	0.02 (-0.02, 0.07)	0.026	0.022	0.248	0.03 (-0.02, 0.07)
6373_54	DLK1	P80370	211	0.046	0.014	0.001	0.05 (0.02, 0.07)	0.018	0.004	0.021	0.028	0.447	0.02 (-0.03, 0.08)	0.002	0.313	0.010	0.021	0.633	0.01 (-0.03, 0.05)	0.007	0.025	0.782	0.01 (-0.04, 0.06)
13114_50	LUM	P51884	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.018	0.085	0.036	0.026	0.169	0.04 (-0.02, 0.09)	0.000	0.857	0.038	0.026	0.144	0.04 (-0.01, 0.09)	0.044	0.026	0.091	0.04 (-0.01, 0.09)
4866_59	NTRK2	Q16620	211	0.049	0.015	0.001	0.05 (0.02, 0.08)	0.018	5.04E-07	0.068	0.030	0.025	0.07 (0.01, 0.13)	-0.001	0.469	0.055	0.025	0.028	0.06 (0.01, 0.10)	0.064	0.026	0.014	0.06 (0.01, 0.12)
3457_57	POSTN	Q15063	211	-0.043	0.013	0.001	-0.04 (-0.07, -0.02)	0.019	0.037	0.000	0.026	0.989	3.73e-04 (-0.05, 0.05)	-0.003	0.058	-0.044	0.022	0.047	-0.04 (-0.09, -6.39e-	-0.049	0.025	0.049	-0.05 (-0.10, -4.87e-04)
7127_3	APOA2	P02652	211	0.048	0.015	0.001	0.05 (0.02, 0.08)	0.019	2.25E-06	0.010	0.029	0.724	0.01 (-0.05, 0.07)	0.002	0.137	0.018	0.020	0.382	0.02 (-0.02, 0.06)	0.012	0.025	0.628	0.01 (-0.04, 0.06)
15511_37	NPTXR	O95502	211	-0.042	0.013	0.001	-0.04 (-0.07, -0.02)	0.021	0.014	0.000	0.025	0.991	-2.76e-04 (-0.05, 0.05	-0.003	0.058	-0.008	0.022	0.711	-0.01 (-0.05, 0.03)	-0.011	0.026	0.670	-0.01 (-0.06, 0.04)
9207_60	CRYZL1	O95825	211	0.080	0.025	0.001	0.08 (0.03, 0.13)	0.021	1.08E-76	-0.007	0.049	0.886	-0.01 (-0.10, 0.09)	0.005	0.044	0.040	0.021	0.059	0.04 (-1.60e-03, 0.0	0.021	0.025	0.396	0.02 (-0.03, 0.07)
2614_28	EFNA4	P52798	211	0.038	0.012	0.001	0.04 (0.01, 0.06)	0.021	0.051	-0.017	0.025	0.511	-0.02 (-0.07, 0.03)	0.003	0.013	0.006	0.020	0.753	0.01 (-0.03, 0.05)	0.000	0.024	0.996	1.10e-04 (-0.05, 0.05)
13101_60	SOST	Q9BQB4	211	0.039	0.012	0.001	0.04 (0.01, 0.06)	0.021	0.186	-0.021	0.025	0.397	-0.02 (-0.07, 0.03)	0.004	0.006	0.016	0.024	0.496	0.02 (-0.03, 0.06)	0.016	0.023	0.470	0.02 (-0.03, 0.06)
6391_52	LILRA3	Q8N6C8	211	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.021	0.967	0.039	0.025	0.118	0.04 (-0.01, 0.09)	0.000	0.973	0.028	0.021	0.187	0.03 (-0.01, 0.07)	0.015	0.025	0.559	0.01 (-0.03, 0.06)
3221_54	SFRP1	Q8N474	211	0.046	0.014	0.001	0.05 (0.02, 0.07)	0.021	4.79E-04	-0.022	0.028	0.435	-0.02 (-0.08, 0.03)	0.004	0.006	0.020	0.025	0.430	0.02 (-0.03, 0.07)	0.021	0.025	0.396	0.02 (-0.03, 0.07)
8356_88	OXT	P01178	211	0.049	0.015	0.001	0.05 (0.02, 0.08)	0.021	1.42E-08	-0.046	0.029	0.119	-0.05 (-0.10, 0.01)	0.006	2.50E-04	0.035	0.021	0.094	0.03 (-0.01, 0.08)	-0.001	0.024	0.952	-1.48e-03 (-0.05, 0.05)
8390_25	COX7A1	P24310	211	0.041	0.013	0.001	0.04 (0.02, 0.07)	0.021	0.035	-0.011	0.025	0.664	-0.01 (-0.06, 0.04)	0.003	0.018	0.000	0.019	0.983	4.02e-04 (-0.04, 0.0	-0.007	0.022	0.748	-0.01 (-0.05, 0.04)
17755_5	UGDH	O60701	211	0.044	0.014	0.001	0.04 (0.02, 0.07)	0.022	0.004	-0.001	0.027	0.972	-9.44e-04 (-0.05, 0.05	0.003	0.057	0.017	0.021	0.419	0.02 (-0.02, 0.06)	0.007	0.024	0.773	0.01 (-0.04, 0.05)
10462_14	INSL5	Q9Y5Q6	211	0.038	0.012	0.001	0.04 (0.01, 0.06)	0.022	0.125	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)	0.004	0.001	0.019	0.019	0.330	0.02 (-0.02, 0.06)	0.010	0.023	0.679	0.01 (-0.04, 0.05)
12510_3	STAP1	Q9ULZ2	211	0.043	0.014	0.001	0.04 (0.02, 0.07)	0.022	0.001	-0.015	0.026	0.571	-0.02 (-0.07, 0.04)	0.004	0.011	0.019	0.021	0.368	0.02 (-0.02, 0.06)	0.021	0.023	0.364	0.02 (-0.02, 0.07)
4992_49	GRN	P28799	211	0.049	0.016	0.001	0.05 (0.02, 0.08)	0.022	5.82E-09	0.056	0.031	0.074	0.06 (-0.01, 0.12)	0.000	0.814	0.047	0.026	0.068	0.05 (-3.53e-03, 0.1	0.033	0.027	0.213	0.03 (-0.02, 0.09)
18880_81	COL3A1	P02461	211	0.047	0.015	0.002	0.05 (0.02, 0.08)	0.022	2.22E-05	0.005	0.029	0.856	0.01 (-0.05, 0.06)	0.003	0.100	0.012	0.025	0.646	0.01 (-0.04, 0.06)	0.020	0.024	0.418	0.02 (-0.03, 0.07)
2474_54	APCS	P02743	211	0.051	0.016	0.002	0.05 (0.02, 0.08)	0.022	3.06E-11	-0.027	0.031	0.399	-0.03 (-0.09, 0.04)	0.005	0.005	0.036	0.020	0.078	0.04 (-4.01e-03, 0.0	0.003	0.028	0.925	2.63e-03 (-0.05, 0.06)
4541_49	CDON	Q4KMG0	211	0.043	0.013	0.002	0.04 (0.02, 0.07)	0.023	0.007	0.026	0.027	0.323	0.03 (-0.03, 0.08)	0.001	0.482	0.018	0.023	0.423	0.02 (-0.03, 0.06)	0.027	0.024	0.276	0.03 (-0.02, 0.07)
5596_75	CD5	P06127	211	0.046	0.015	0.002	0.05 (0.02, 0.07)	0.023	8.31E-07	0.035	0.029	0.238	0.03 (-0.02, 0.09)	0.001	0.655	0.023	0.021	0.275	0.02 (-0.02, 0.07)	0.027	0.027	0.333	0.03 (-0.03, 0.08)
8248_222	SIGLEC14	Q08ET2	211	0.036	0.011	0.002	0.04 (0.01, 0.06)	0.024	0.789	0.005	0.023	0.830	4.86e-03 (-0.04, 0.05)	0.002	0.111	0.016	0.020	0.402	0.02 (-0.02, 0.06)	0.007	0.025	0.771	0.01 (-0.04, 0.06)
17345_12	ZADH2	Q8N4Q0	211	-0.037	0.012	0.002	-0.04 (-0.06, -0.01)	0.024	0.504	-0.045	0.023	0.052	-0.05 (-0.09, 9.10e-05	0.001	0.670	-0.057	0.023	0.013	-0.06 (-0.10, -0.01)	-0.047	0.024	0.054	-0.05 (-0.09, 5.97e-04)
2602_2	ANGPT2	O15123	211	0.046	0.014	0.002	0.05 (0.02, 0.07)	0.024	4.90E-04	0.005	0.029	0.852	0.01 (-0.05, 0.06)	0.003	0.106	0.026	0.027	0.338	0.03 (-0.03, 0.08)	0.024	0.028	0.387	0.02 (-0.03, 0.08)
6461_54	APOC3	P02656	211	0.057	0.018	0.002	0.06 (0.02, 0.09)	0.024	2.53E-23	0.017	0.036	0.643	0.02 (-0.05, 0.09)	0.003	0.194	0.070	0.027	0.009	0.07 (0.02, 0.12)	0.086	0.026	0.001	0.09 (0.04, 0.14)
8106_15	SSR1	P43307	211	0.045	0.014	0.002	0.04 (0.02, 0.07)	0.024	4.87E-05	-0.049	0.027	0.070	-0.05 (-0.10, 3.71e-03	0.006	8.10E-05	0.004	0.021	0.829	4.44e-03 (-0.04, 0.0	0.003	0.024	0.894	3.16e-03 (-0.04, 0.05)
3175_51	ADAMTS13	Q76LX8	211	0.043	0.014	0.002	0.04 (0.02, 0.07)	0.024	1.22E-04	0.046	0.028	0.099	0.05 (-0.01, 0.10)	0.000	0.929	0.053	0.024	0.029	0.05 (0.01, 0.10)	0.056	0.024	0.021	0.06 (0.01, 0.10)
3815_14	IL12RB2	Q99665	211	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.024	0.049	-0.003	0.025	0.913	-2.70e-03 (-0.05, 0.05	0.003	0.049	-0.015	0.019	0.439	-0.01 (-0.05, 0.02)	-0.014	0.024	0.579	-0.01 (-0.06, 0.03)
19617_5	PTGR1	Q14914	211	0.043	0.014	0.002	0.04 (0.02, 0.07)	0.024	1.08E-04	-0.027	0.026	0.317	-0.03 (-0.08, 0.03)	0.004	0.003	0.020	0.019	0.306	0.02 (-0.02, 0.06)	0.019	0.024	0.423	0.02 (-0.03, 0.07)
7921_65	FJX1	Q86VR8	211	0.042	0.013	0.002	0.04 (0.02, 0.07)	0.024	0.021	0.054	0.027	0.047	0.05 (9.32e-04, 0.11)	-0.001	0.611	0.019	0.021	0.366	0.02 (-0.02, 0.06)	0.031	0.029	0.276	0.03 (-0.02, 0.09)
9377_25	KITLG	P21583	211	-0.038	0.012	0.002	-0.04 (-0.06, -0.01)	0.024	0.063	-0.026	0.026	0.314	-0.03 (-0.08, 0.02)	-0.001	0.599	-0.022	0.021	0.291	-0.02 (-0.06, 0.02)	-0.031	0.028	0.275	-0.03 (-0.09, 0.02)
9451_20	UMOD	P07911	211	0.044	0.014	0.002	0.04 (0.02, 0.07)	0.024	0.001	0.037	0.028	0.185	0.04 (-0.02, 0.09)	0.000	0.769	0.020	0.021	0.336	0.02 (-0.02, 0.06)	0.031	0.027	0.257	0.03 (-0.02, 0.09)
18309_18	CS	O75390	211	-0.037	0.012	0.002	-0.04 (-0.06, -0.01)	0.025	0.672	-0.046	0.023	0.047	-0.05 (-0.09, -7.87e-0	0.001	0.634	-0.056	0.024	0.020	-0.06 (-0.10, -0.01)	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)
2771_35	IGFBP1	P08833	211	-0.046	0.015	0.002	-0.05 (-0.07, -0.02)	0.025	2.96E-07	0.051	0.028	0.069	0.05 (-3.76e-03, 0.11)	-0.006	8.83E-05	-0.023	0.020	0.240	-0.02 (-0.06, 0.02)	0.022	0.027	0.422	0.02 (-0.03, 0.08)
12564_9	NIP7	Q9Y221	211	-0.036	0.011	0.002	-0.04 (-0.06, -0.01)	0.026	0.513	-0.039	0.023	0.090	-0.04 (-0.08, 0.01)	0.000	0.882	-0.054	0.024	0.025	-0.05 (-0.10, -0.01)	-0.055	0.024	0.022	-0.06 (-0.10, -0.01)
17817_22	DDIT4	Q9NX09	211	0.037	0.012	0.002	0.04 (0.01, 0.06)	0.026	0.118	-0.016	0.025	0.520	-0.02 (-0.06, 0.03)	0.003	0.015	0.020	0.020	0.321	0.02 (-0.02, 0.06)	0.023	0.024	0.339	0.02 (-0.02, 0.07)
15453_3	AMBP	P02760	211	0.046	0.015	0.002	0.05 (0.02, 0.08)	0.026	2.71E-06	-0.006	0.029	0.842	-0.01 (-0.06, 0.05)	0.003	0.041	0.034	0.027	0.204	0.03 (-0.02, 0.09)	0.033	0.025	0.188	0.03 (-0.02, 0.08)
8099_42	SPON2	Q9BUD6	211	0.041	0.013	0.002	0.04 (0.02, 0.07)	0.026	0.008	0.031	0.026	0.245	0.03 (-0.02, 0.08)	0.001	0.645	0.015	0.023	0.509	0.02 (-0.03, 0.06)	0.019	0.025	0.449	0.02 (-0.03, 0.07)
10916_44	PLA2R1	Q13018	211	0.042	0.013	0.002	0.04 (0.02, 0.07)	0.026	3.20E-11	0.104	0.026	9.70E-05	0.10 (0.05, 0.15)	-0.004	0.006	0.062	0.020	0.002	0.06 (0.02, 0.10)	0.059	0.019	0.003	0.06 (0.02, 0.10)
2654_19	TNFRSF1A	P19438	211	0.043	0.014	0.002	0.04 (0.02, 0.07)	0.026	0.004	-0.001	0.027	0.961	-1.35e-03 (-0.06, 0.05	0.003	0.061	-0.006	0.021	0.766	-0.01 (-0.05, 0.04)	-0.025	0.028	0.371	-0.02 (-0.08, 0.03)
15585_304	FBLN5	Q9UBX5	211	0.037	0.012	0.002	0.04 (0.01, 0.06)	0.026	0.128	0.003	0.025	0.909	2.87e-03 (-0.05, 0.05)	0.002	0.111	0.024	0.021	0.262	0.02 (-0.02, 0.07)	0.019	0.025	0.458	0.02 (-0.03, 0.07)
16612_28	SDC3	O75056	211	0.046	0.015	0.002	0.05 (0.02, 0.07)	0.026	8.29E-06	-0.032	0.028	0.264	-0.03 (-0.09, 0.02)	0.005	0.002	0.029	0.021	0.176	0.03 (-0.01, 0.07)	0.024	0.025	0.337	0.02 (-0.03, 0.07)
17736_105	APTX	Q7Z2E3	211	0.040	0.013	0.002	0.04 (0.01, 0.06)	0.026	0.033	-0.033	0.025	0.176	-0.03 (-0.08, 0.01)	0.005	0.001	-0.007	0.023	0.764	-0.01 (-0.05, 0.04)	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)
3448_13	INSR	P06213	211	0.043	0.014	0.002	0.04 (0.02, 0.07)	0.026	0.016	0.071	0.027	0.009	0.07 (0.02, 0.12)	-0.002	0.222	0.019	0.021	0.357	0.02 (-0.02, 0.06)	0.011	0.027	0.696	0.01 (-0.04, 0.06)
7144_234	KAZALD1	Q96I82	211	0.046	0.015	0.002	0.05 (0.02, 0.07)	0.026	4.20E-05	-0.031	0.029	0.284	-0.03 (-0.09, 0.03)	0.005	0.002	0.019	0.021	0.364	0.02 (-0.02, 0.06)	0.020	0.026	0.443	0.02 (-0.03, 0.07)
9018_38	PCDH10	Q9P2E7	211	-0.042	0.013	0.002	-0.04 (-0.07, -0.02)	0.026	0.003	0.010	0.026	0.707	0.01 (-0.04, 0.06)	-0.003	0.025	-0.031	0.023	0.181	-0.03 (-0.08, 0.01)	-0.028	0.024	0.243	-0.03 (-0.08, 0.02)
5248_68	PPIF	P30405	211	-0.037	0.012	0.002	-0.04 (-0.06, -0.01)	0.026	0.681	-0.041	0.023	0.083	-0.04 (-0.09, 0.01)	0.000	0.834	-0.053	0.024	0.024	-0.05 (-0.10, -0.01)	-0.051	0.025	0.042	-0.05 (-0.10, -2.08e-03)
2960_66	CFP	P27918	211	0.037	0.012	0.002	0.04 (0.01, 0.06)	0.027	0.441	0.006	0.023	0.782	0.01 (-0.04, 0.05)	0.002	0.136	0.006	0.022	0.778	0.01 (-0.04, 0.05)	0.007	0.022	0.741	0.01 (-0.04, 0.05)
14048_7	IL1RAP	Q9NPH3	211	-0.039	0.012	0.002	-0.04 (-0.06, -0.01)	0.027	0.008	0.014	0.024	0.572	0.01 (-0.03, 0.06)	-0.003	0.014	-0.022	0.018	0.234	-0.02 (-0.06, 0.01)	-0.007	0.022	0.753	-0.01 (-0.05, 0.04)
5631_83	MLN	P12872	211	0.055	0.018	0.002	0.06 (0.02, 0.09)	0.027	5.40E-22	0.028	0.035	0.435	0.03 (-0.04, 0.10)	0.002	0.372	-0.004	0.020	0.857	-3.60e-03 (-0.04, 0.	-0.037	0.025	0.143	-0.04 (-0.09, 0.01)
9251_28	MAN2B2	Q9Y2E5	211	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.028	0.427	-0.018	0.025	0.469	-0.02 (-0.07, 0.03)	0.004	0.009	0.002	0.022	0.943	1.59e-03 (-0.04, 0.0	-0.010	0.027	0.723	-0.01 (-0.06, 0.04)
9526_3	CLPSL1	A2RUU4	211	0.040	0.013	0.002	0.04 (0.01, 0.07)	0.028	0.035	-0.012	0.026	0.655	-0.01 (-0.06, 0.04)	0.003	0.020	0.003	0.020	0.885	2.93e-03 (-0.04, 0.0	0.003	0.023	0.896	3.04e-03 (-0.04, 0.05)
2580_83	MPO	P05164	211	0.056	0.018	0.002	0.06 (0.02, 0.09)	0.029	3.00E-24	0.052	0.036	0.150	0.05 (-0.02, 0.12)	0.000	0.912	-0.005	0.020	0.816	-4.64e-03 (-0.04, 0.	0.000	0.026	0.987	-4.08e-04 (-0.05, 0.05)
18408_26	ARF4	P18085	211	-0.040	0.013	0.002	-0.04 (-0.07, -0.01)	0.029	0.018	-0.028	0.026	0.291	-0.03 (-0.08, 0.02)	-0.001	0.574	-0.056	0.024	0.021	-0.06 (-0.10, -0.01)	-0.051	0.023	0.030	-0.05 (-0.10, -0.01)
6919_3	HBZ	P02008	211	0.044	0.014	0.002	0.04 (0.02, 0.07)	0.029	0.001	-0.008	0.028	0.775	-0.01 (-0.06, 0.05)	0.003	0.034	0.015	0.026	0.566	0.01 (-0.04, 0.06)	0.020	0.024	0.405	0.02 (-0.03, 0.07)
9343_16	IL2RB	P14784	211	0.037	0.012	0.002	0.04 (0.01, 0.06)	0.029	0.107	0.051	0.025	0.046	0.05 (1.16e-03, 0.10)	-0.001	0.532	0.008	0.023	0.737	0.01 (-0.04, 0.05)	0.009	0.026	0.735	0.01 (-0.04, 0.06)
3181_50	CTSS	P25774	211	0.040	0.013	0.002	0.04 (0.01, 0.07)	0.029	0.007	-0.033	0.025	0.194	-0.03 (-0.08, 0.02)	0.005	0.001	0.000	0.020	1.000	0.00e+00 (-0.04, 0.	-0.017	0.023	0.457	-0.02 (-0.06, 0.03)
17739_1	HADH	Q16836	211	-0.036	0.012	0.002	-0.04 (-0.06, -0.01)	0.030	0.649	-0.049	0.023	0.035	-0.05 (-0.09, -3.81e-0	0.001	0.498	-0.053	0.022	0.018	-0.05 (-0.10, -0.01)	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)
15515_2	SAA1	P0DJI8	211	0.048	0.016	0.002	0.05 (0.02, 0.08)	0.030	2.18E-11	-0.004	0.031	0.889	-4.35e-03 (-0.07, 0.06	0.003	0.050	0.015	0.023	0.511	0.02 (-0.03, 0.06)	0.023	0.023	0.323	0.02 (-0.02, 0.07)
3122_6	DIABLO	Q9NR28	211	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.030	0.024	0.028	0.025	0.262	0.03 (-0.02, 0.08)	0.001	0.632	0.016	0.023	0.481	0.02 (-0.03, 0.06)	0.028	0.025	0.268	0.03 (-0.02, 0.08)
6304_8	C1QTNF1	Q9BXJ1	211	0.043	0.014	0.002	0.04 (0.02, 0.07)	0.031	1.92E-04	0.030	0.028	0.293	0.03 (-0.03, 0.09)	0.001	0.585	0.028	0.024	0.243	0.03 (-0.02, 0.08)	0.022	0.026	0.397	0.02 (-0.03, 0.07)
3320_49	IGFBP7	Q16270	211	0.045	0.015	0.002	0.04 (0.02, 0.07)	0.031	7.76E-06	0.022	0.029	0.447	0.02 (-0.04, 0.08)	0.001	0.375	0.033	0.020	0.108	0.03 (-0.01, 0.07)	0.012	0.027	0.642	0.01 (-0.04, 0.06)
16607_78	GSN	P06396	211	-0.042	0.014	0.002	-0.04 (-0.07, -0.01)	0.031	3.82E-04	-0.022	0.027	0.417	-0.02 (-0.08, 0.03)	-0.001	0.404	-0.014	0.024	0.561	-0.01 (-0.06, 0.03)	-0.012	0.022	0.589	-0.01 (-0.06, 0.03)
3420_21	CA13	Q8N1Q1	211	-0.035	0.012	0.002	-0.04 (-0.06, -0.01)	0.031	0.180	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)	0.000	0.871	-0.036	0.024	0.133	-0.04 (-0.08, 0.01)	-0.031	0.025	0.214	-0.03 (-0.08, 0.02)
8402_22	CYTL1	Q9NRR1	211	-0.037	0.012	0.002	-0.04 (-0.06, -0.01)	0.031	0.055	-0.035	0.026	0.184	-0.03 (-0.09, 0.02)	0.000	0.923	-0.037	0.026	0.154	-0.04 (-0.09, 0.01)	-0.035	0.025	0.158	-0.03 (-0.08, 0.01)
3235_50	WFIKKN2	Q8TEU8	211	-0.044	0.014	0.002	-0.04 (-0.07, -0.02)	0.031	5.63E-05	0.029	0.028	0.294	0.03 (-0.03, 0.08)	-0.005	0.003	-0.041	0.019	0.031	-0.04 (-0.08, -3.77e-	-0.011	0.026	0.671	-0.01 (-0.06, 0.04)
5763_67	DEFB104A	Q8WTQ1	211	0.040	0.013	0.002	0.04 (0.01, 0.07)	0.031	0.003	-0.013	0.026	0.614	-0.01 (-0.06, 0.04)	0.003	0.019	0.007	0.023	0.757	0.01 (-0.04, 0.05)	0.014	0.022	0.510	0.01 (-0.03, 0.06)
9470_15	METTL24	Q5JXM2	211	0.035	0.012	0.002	0.04 (0.01, 0.06)	0.031	0.322	-0.005	0.023	0.840	-4.72e-03 (-0.05, 0.04	0.003	0.048	0.020	0.022	0.363	0.02 (-0.02, 0.06)	0.013	0.025	0.617	0.01 (-0.04, 0.06)
11277_23	ATF6	P18850	211	0.044	0.015	0.002	0.04 (0.02, 0.07)	0.032	1.09E-05	-0.011	0.029	0.695	-0.01 (-0.07, 0.05)	0.003	0.027	0.022	0.020	0.276	0.02 (-0.02, 0.06)	-0.006	0.027	0.815	-0.01 (-0.06, 0.05)
2436_49	CXCL16	Q9H2A7	211	0.043	0.014	0.003	0.04 (0.02, 0.07)	0.032	0.001	-0.020	0.028	0.476	-0.02 (-0.08, 0.04)	0.004	0.010	0.036	0.021	0.090	0.04 (-0.01, 0.08)	0.017	0.026	0.509	0.02 (-0.03, 0.07)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
6039_24	CRHBP	P24387	211	0.047	0.016	0.003	0.05 (0.02, 0.08)	0.032	1.68E-08	0.006	0.031	0.837	0.01 (-0.05, 0.07)	0.003	0.126	0.017	0.025	0.503	0.02 (-0.03, 0.07)	0.010	0.026	0.698	0.01 (-0.04, 0.06)
5649_83	PSG4	Q00888	211	0.035	0.011	0.003	0.03 (0.01, 0.06)	0.032	0.093	0.008	0.024	0.731	0.01 (-0.04, 0.06)	0.002	0.208	0.015	0.019	0.429	0.01 (-0.02, 0.05)	-0.003	0.025	0.899	-3.12e-03 (-0.05, 0.05)
7059_14	LILRA6	Q6PI73	211	0.031	0.010	0.003	0.03 (0.01, 0.05)	0.032	0.919	0.007	0.020	0.714	0.01 (-0.03, 0.05)	0.001	0.180	0.003	0.018	0.850	3.33e-03 (-0.03, 0.0	0.004	0.019	0.827	4.23e-03 (-0.03, 0.04)
10464_6	ANTXR1	Q9H6X2	211	-0.047	0.015	0.003	-0.05 (-0.08, -0.02)	0.032	4.60E-07	-0.009	0.031	0.766	-0.01 (-0.07, 0.05)	-0.002	0.158	-0.009	0.021	0.662	-0.01 (-0.05, 0.03)	-0.006	0.027	0.833	-0.01 (-0.06, 0.05)
16593_3	FADD	Q13158	211	0.042	0.014	0.003	0.04 (0.01, 0.07)	0.032	2.63E-04	-0.013	0.027	0.625	-0.01 (-0.07, 0.04)	0.003	0.020	0.018	0.019	0.344	0.02 (-0.02, 0.06)	0.004	0.023	0.858	4.04e-03 (-0.04, 0.05)
5903_91	HSPA8	P11142	211	0.040	0.013	0.003	0.04 (0.01, 0.07)	0.032	0.006	-0.020	0.026	0.435	-0.02 (-0.07, 0.03)	0.004	0.008	0.014	0.020	0.468	0.01 (-0.02, 0.05)	-0.021	0.025	0.396	-0.02 (-0.07, 0.03)
13933_276	NAB1	Q13506	211	0.041	0.014	0.003	0.04 (0.01, 0.07)	0.033	0.001	-0.030	0.027	0.258	-0.03 (-0.08, 0.02)	0.004	0.002	0.030	0.019	0.124	0.03 (-0.01, 0.07)	0.006	0.025	0.824	0.01 (-0.04, 0.06)
7156_2	FUT10	Q6P4F1	211	0.036	0.012	0.003	0.04 (0.01, 0.06)	0.033	0.001	0.075	0.024	0.002	0.07 (0.03, 0.12)	-0.002	0.061	0.052	0.021	0.015	0.05 (0.01, 0.09)	0.041	0.021	0.053	0.04 (-3.64e-04, 0.08)
9175_48	DSCAM	O60469	211	0.036	0.012	0.003	0.04 (0.01, 0.06)	0.033	0.533	0.001	0.024	0.966	1.01e-03 (-0.05, 0.05)	0.002	0.088	0.024	0.021	0.250	0.02 (-0.02, 0.06)	0.018	0.024	0.459	0.02 (-0.03, 0.06)
19365_11	BCAT2	O15382	211	-0.035	0.012	0.003	-0.04 (-0.06, -0.01)	0.033	0.504	-0.050	0.023	0.034	-0.05 (-0.10, -3.99e-0	0.001	0.477	-0.058	0.023	0.013	-0.06 (-0.10, -0.01)	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)
11263_57	CASQ1	P31415	211	0.043	0.014	0.003	0.04 (0.02, 0.07)	0.033	5.24E-05	-0.041	0.028	0.142	-0.04 (-0.10, 0.01)	0.005	0.001	0.020	0.022	0.349	0.02 (-0.02, 0.06)	0.013	0.025	0.606	0.01 (-0.04, 0.06)
2705_5	CCL25	O15444	211	0.047	0.016	0.003	0.05 (0.02, 0.08)	0.033	2.66E-10	-0.021	0.031	0.503	-0.02 (-0.08, 0.04)	0.004	0.012	0.042	0.025	0.094	0.04 (-0.01, 0.09)	0.050	0.026	0.056	0.05 (-9.27e-04, 0.10)
11556_19	ARFGAP1	Q8N6T3	211	0.049	0.016	0.003	0.05 (0.02, 0.08)	0.033	9.38E-13	-0.031	0.032	0.338	-0.03 (-0.09, 0.03)	0.005	0.004	0.010	0.020	0.633	0.01 (-0.03, 0.05)	0.004	0.023	0.851	4.39e-03 (-0.04, 0.05)
9574_11	BIN1	O00499	211	0.035	0.012	0.003	0.04 (0.01, 0.06)	0.033	0.074	-0.022	0.025	0.370	-0.02 (-0.07, 0.03)	0.004	0.007	0.008	0.021	0.713	0.01 (-0.03, 0.05)	-0.001	0.025	0.975	-7.67e-04 (-0.05, 0.05)
9484_75	DSG2	Q14126	211	-0.042	0.014	0.003	-0.04 (-0.07, -0.01)	0.034	1.92E-04	-0.011	0.028	0.686	-0.01 (-0.07, 0.04)	-0.002	0.200	-0.035	0.025	0.157	-0.04 (-0.08, 0.01)	-0.030	0.022	0.185	-0.03 (-0.07, 0.01)
9275_2	SIGLEC5	O15389	211	0.034	0.011	0.003	0.03 (0.01, 0.06)	0.034	0.532	0.000	0.023	0.998	-5.98e-05 (-0.04, 0.04	0.002	0.082	0.014	0.019	0.469	0.01 (-0.02, 0.05)	0.013	0.024	0.589	0.01 (-0.03, 0.06)
9880_33	TDO2	P48775	211	0.044	0.015	0.003	0.04 (0.02, 0.07)	0.034	3.61E-06	-0.018	0.029	0.531	-0.02 (-0.07, 0.04)	0.004	0.013	0.015	0.020	0.454	0.02 (-0.02, 0.06)	0.007	0.024	0.766	0.01 (-0.04, 0.05)
6054_6	NXPH3	O95157	211	0.045	0.015	0.003	0.05 (0.02, 0.07)	0.035	4.72E-08	-0.058	0.029	0.045	-0.06 (-0.12, -1.52e-0	0.006	5.22E-05	-0.003	0.020	0.874	-3.12e-03 (-0.04, 0.	-0.007	0.024	0.787	-0.01 (-0.05, 0.04)
9449_150	C4BPA	P04003	211	0.045	0.015	0.003	0.04 (0.02, 0.07)	0.035	1.09E-06	0.017	0.030	0.563	0.02 (-0.04, 0.08)	0.002	0.289	0.030	0.025	0.218	0.03 (-0.02, 0.08)	0.035	0.026	0.180	0.04 (-0.02, 0.09)
11287_14	CYB5A	P00167	211	0.039	0.013	0.003	0.04 (0.01, 0.06)	0.035	0.003	-0.002	0.026	0.933	-2.17e-03 (-0.05, 0.05	0.003	0.064	0.002	0.022	0.937	1.71e-03 (-0.04, 0.0	0.004	0.024	0.861	4.23e-03 (-0.04, 0.05)
18429_10	CDH1	P12830	211	0.034	0.011	0.003	0.03 (0.01, 0.06)	0.036	0.805	0.029	0.023	0.205	0.03 (-0.02, 0.07)	0.000	0.789	0.019	0.023	0.425	0.02 (-0.03, 0.06)	0.020	0.021	0.349	0.02 (-0.02, 0.06)
4464_10	SIGLEC1	Q9BZZ2	211	0.034	0.011	0.003	0.03 (0.01, 0.06)	0.036	0.277	0.015	0.023	0.525	0.01 (-0.03, 0.06)	0.001	0.340	0.049	0.020	0.016	0.05 (0.01, 0.09)	0.041	0.025	0.100	0.04 (-0.01, 0.09)
16926_44	ALPL	P05186	211	0.036	0.012	0.003	0.04 (0.01, 0.06)	0.036	0.055	0.004	0.025	0.864	4.32e-03 (-0.05, 0.05)	0.002	0.152	0.000	0.022	0.999	-3.17e-05 (-0.04, 0.	0.004	0.023	0.879	3.55e-03 (-0.04, 0.05)
3324_51	LY9	Q9HBG7	211	0.040	0.014	0.003	0.04 (0.01, 0.07)	0.036	0.008	0.080	0.027	0.003	0.08 (0.03, 0.13)	-0.002	0.087	0.059	0.024	0.013	0.06 (0.01, 0.11)	0.060	0.024	0.014	0.06 (0.01, 0.11)
9357_4	CREG1	O75629	211	0.044	0.015	0.003	0.04 (0.01, 0.07)	0.037	2.13E-06	-0.009	0.029	0.756	-0.01 (-0.07, 0.05)	0.003	0.037	0.018	0.019	0.366	0.02 (-0.02, 0.06)	-0.023	0.028	0.401	-0.02 (-0.08, 0.03)
7266_4	SERPINA9	Q86WD7	211	0.036	0.012	0.003	0.04 (0.01, 0.06)	0.037	0.095	0.025	0.025	0.330	0.02 (-0.02, 0.07)	0.001	0.618	0.023	0.021	0.279	0.02 (-0.02, 0.07)	0.028	0.025	0.273	0.03 (-0.02, 0.08)
4129_72	CFB	P00751	211	0.053	0.018	0.003	0.05 (0.02, 0.09)	0.037	3.82E-19	-0.034	0.035	0.334	-0.03 (-0.10, 0.03)	0.005	0.005	0.011	0.022	0.625	0.01 (-0.03, 0.05)	0.024	0.026	0.350	0.02 (-0.03, 0.07)
5353_89	IL1RN	P18510	211	0.043	0.015	0.003	0.04 (0.01, 0.07)	0.037	5.47E-07	-0.062	0.028	0.028	-0.06 (-0.12, -0.01)	0.007	2.06E-05	0.002	0.020	0.933	1.72e-03 (-0.04, 0.0	-0.041	0.021	0.060	-0.04 (-0.08, 1.53e-03)
4337_49	CRP	P02741	211	0.075	0.025	0.003	0.07 (0.03, 0.12)	0.037	2.39E-90	0.000	0.050	0.994	-3.62e-04 (-0.10, 0.10	0.005	0.082	0.009	0.021	0.648	0.01 (-0.03, 0.05)	-0.026	0.024	0.280	-0.03 (-0.07, 0.02)
2714_78	AIMP1	Q12904	211	0.048	0.016	0.003	0.05 (0.02, 0.08)	0.037	4.63E-13	-0.003	0.032	0.922	-3.10e-03 (-0.07, 0.06	0.003	0.064	0.007	0.022	0.760	0.01 (-0.04, 0.05)	0.007	0.026	0.796	0.01 (-0.04, 0.06)
18226_148	COX5A	P20674	211	-0.034	0.012	0.003	-0.03 (-0.06, -0.01)	0.038	0.642	-0.045	0.023	0.055	-0.04 (-0.09, 6.30e-04	0.001	0.605	-0.046	0.023	0.047	-0.05 (-0.09, -7.05e-	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)
5617_41	NPFF	O15130	211	0.041	0.014	0.003	0.04 (0.01, 0.07)	0.038	4.13E-04	-0.022	0.027	0.408	-0.02 (-0.08, 0.03)	0.004	0.008	0.001	0.022	0.951	1.36e-03 (-0.04, 0.0	0.002	0.025	0.948	1.65e-03 (-0.05, 0.05)
5430_66	SIRPA	P78324	211	0.032	0.011	0.003	0.03 (0.01, 0.05)	0.038	1.000	0.027	0.022	0.220	0.03 (-0.02, 0.07)	0.000	0.778	0.011	0.021	0.584	0.01 (-0.03, 0.05)	0.022	0.022	0.316	0.02 (-0.02, 0.06)
7892_132	KIAA1467	A2RU67	211	0.034	0.012	0.003	0.03 (0.01, 0.06)	0.038	0.403	-0.002	0.023	0.926	-2.14e-03 (-0.05, 0.04	0.002	0.071	0.012	0.019	0.544	0.01 (-0.03, 0.05)	0.003	0.024	0.911	2.66e-03 (-0.04, 0.05)
2741_22	SIGLEC6	O43699	211	0.035	0.012	0.003	0.03 (0.01, 0.06)	0.039	0.759	0.036	0.023	0.123	0.04 (-0.01, 0.08)	0.000	0.939	0.024	0.024	0.305	0.02 (-0.02, 0.07)	0.031	0.023	0.179	0.03 (-0.01, 0.08)
14006_36	GNMT	Q14749	211	0.038	0.013	0.003	0.04 (0.01, 0.06)	0.039	0.015	-0.007	0.026	0.791	-0.01 (-0.06, 0.04)	0.003	0.045	0.009	0.021	0.673	0.01 (-0.03, 0.05)	0.016	0.024	0.495	0.02 (-0.03, 0.06)
17685_9	APOA4	P06727	211	0.039	0.013	0.003	0.04 (0.01, 0.07)	0.039	0.011	0.040	0.027	0.140	0.04 (-0.01, 0.09)	0.000	0.992	0.022	0.024	0.362	0.02 (-0.03, 0.07)	0.032	0.025	0.192	0.03 (-0.02, 0.08)
10758_2	KERA	O60938	211	0.040	0.014	0.003	0.04 (0.01, 0.07)	0.039	0.005	0.046	0.027	0.094	0.05 (-0.01, 0.10)	0.000	0.811	0.029	0.021	0.167	0.03 (-0.01, 0.07)	0.049	0.026	0.059	0.05 (-1.57e-03, 0.10)
18324_61	SUOX	P51687	211	0.034	0.012	0.003	0.03 (0.01, 0.06)	0.040	0.184	-0.006	0.024	0.803	-0.01 (-0.05, 0.04)	0.003	0.054	0.016	0.023	0.497	0.02 (-0.03, 0.06)	0.016	0.024	0.508	0.02 (-0.03, 0.06)
6557_50	LRRC15	Q8TF66	211	-0.040	0.014	0.003	-0.04 (-0.07, -0.01)	0.040	0.006	-0.008	0.027	0.769	-0.01 (-0.06, 0.05)	-0.002	0.173	-0.043	0.026	0.100	-0.04 (-0.09, 0.01)	-0.024	0.026	0.361	-0.02 (-0.07, 0.03)
6425_87	MMP19	Q99542	211	0.040	0.014	0.003	0.04 (0.01, 0.07)	0.040	0.034	0.002	0.027	0.955	1.52e-03 (-0.05, 0.05)	0.002	0.102	0.012	0.020	0.561	0.01 (-0.03, 0.05)	-0.023	0.029	0.421	-0.02 (-0.08, 0.03)
8275_31	PEAR1	Q5VY43	211	-0.036	0.012	0.004	-0.04 (-0.06, -0.01)	0.041	0.104	-0.026	0.026	0.307	-0.03 (-0.08, 0.02)	-0.001	0.676	-0.050	0.024	0.040	-0.05 (-0.10, -2.37e-	-0.037	0.027	0.183	-0.04 (-0.09, 0.02)
18231_147	PRND	Q9UKY0	211	0.035	0.012	0.004	0.03 (0.01, 0.06)	0.041	0.153	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)	0.004	0.001	0.026	0.020	0.182	0.03 (-0.01, 0.06)	-0.005	0.024	0.835	-0.01 (-0.05, 0.04)
19197_95	ACAT1	P24752	211	0.038	0.013	0.004	0.04 (0.01, 0.06)	0.041	0.009	-0.007	0.026	0.779	-0.01 (-0.06, 0.04)	0.003	0.042	0.014	0.021	0.488	0.01 (-0.03, 0.05)	-0.011	0.025	0.649	-0.01 (-0.06, 0.04)
2789_26	MMP7	P09237	211	0.040	0.014	0.004	0.04 (0.01, 0.07)	0.042	0.007	-0.006	0.027	0.837	-0.01 (-0.06, 0.05)	0.003	0.053	0.029	0.027	0.289	0.03 (-0.02, 0.08)	0.025	0.029	0.388	0.03 (-0.03, 0.08)
12618_50	AKR1C1	Q04828	211	0.038	0.013	0.004	0.04 (0.01, 0.06)	0.042	0.010	-0.047	0.025	0.059	-0.05 (-0.10, 1.58e-03	0.005	1.07E-04	-0.002	0.020	0.903	-2.42e-03 (-0.04, 0.	-0.017	0.023	0.476	-0.02 (-0.06, 0.03)
13495_48	HCAR2	Q8TDS4	211	0.035	0.012	0.004	0.03 (0.01, 0.06)	0.042	0.142	-0.012	0.025	0.637	-0.01 (-0.06, 0.04)	0.003	0.035	0.007	0.021	0.732	0.01 (-0.03, 0.05)	0.020	0.026	0.447	0.02 (-0.03, 0.07)
3336_50	TFPI	P10646	211	0.045	0.015	0.004	0.04 (0.01, 0.07)	0.043	2.18E-08	-0.007	0.030	0.813	-0.01 (-0.07, 0.05)	0.003	0.049	0.011	0.021	0.588	0.01 (-0.03, 0.05)	0.016	0.024	0.507	0.02 (-0.03, 0.06)
6439_59	C14orf93	Q9H972	211	0.045	0.016	0.004	0.04 (0.01, 0.08)	0.043	8.68E-11	-0.014	0.030	0.631	-0.01 (-0.07, 0.04)	0.004	0.020	0.025	0.021	0.234	0.03 (-0.02, 0.07)	0.015	0.021	0.470	0.02 (-0.03, 0.06)
2682_68	HSPD1	P10809	211	-0.034	0.012	0.004	-0.03 (-0.06, -0.01)	0.044	0.739	-0.041	0.023	0.077	-0.04 (-0.09, 4.31e-03	0.000	0.715	-0.050	0.023	0.034	-0.05 (-0.10, -3.85e-	-0.050	0.023	0.030	-0.05 (-0.09, -0.01)
6458_6	RPN1	P04843	211	0.034	0.012	0.004	0.03 (0.01, 0.06)	0.044	0.720	-0.004	0.024	0.869	-3.88e-03 (-0.05, 0.04	0.002	0.062	0.002	0.020	0.903	2.50e-03 (-0.04, 0.0	0.002	0.024	0.945	1.65e-03 (-0.05, 0.05)
7852_9	MTIF3	Q9H2K0	211	-0.034	0.012	0.004	-0.03 (-0.06, -0.01)	0.044	0.418	-0.051	0.023	0.031	-0.05 (-0.10, -4.89e-0	0.001	0.400	-0.058	0.022	0.009	-0.06 (-0.10, -0.01)	-0.059	0.026	0.026	-0.06 (-0.11, -0.01)
7856_51	FAM151A	Q8WW52	211	0.035	0.012	0.004	0.04 (0.01, 0.06)	0.044	0.113	0.002	0.025	0.948	1.64e-03 (-0.05, 0.05)	0.002	0.127	0.002	0.022	0.934	1.79e-03 (-0.04, 0.0	0.010	0.023	0.663	0.01 (-0.04, 0.06)
7859_21	PCDHGC3	Q9UN70	211	0.045	0.016	0.004	0.04 (0.01, 0.08)	0.044	6.99E-10	-0.012	0.030	0.689	-0.01 (-0.07, 0.05)	0.004	0.031	0.021	0.020	0.295	0.02 (-0.02, 0.06)	0.014	0.024	0.563	0.01 (-0.03, 0.06)
15388_24	FCGR3A	P08637	211	0.029	0.010	0.004	0.03 (0.01, 0.05)	0.044	0.819	0.032	0.020	0.108	0.03 (-0.01, 0.07)	0.000	0.853	0.014	0.019	0.462	0.01 (-0.02, 0.05)	0.018	0.021	0.383	0.02 (-0.02, 0.06)
2571_12	IGFBP3	P17936	211	0.042	0.014	0.004	0.04 (0.01, 0.07)	0.044	2.61E-05	0.057	0.029	0.048	0.06 (7.85e-04, 0.11)	-0.001	0.534	0.076	0.022	4.41E-04	0.08 (0.03, 0.12)	0.072	0.026	0.005	0.07 (0.02, 0.12)
2925_9	SERPINE1	P05121	211	0.042	0.014	0.004	0.04 (0.01, 0.07)	0.044	1.32E-04	-0.028	0.028	0.324	-0.03 (-0.08, 0.03)	0.004	0.005	0.003	0.022	0.904	2.65e-03 (-0.04, 0.0	-0.006	0.024	0.797	-0.01 (-0.05, 0.04)
13093_6	SECTM1	Q8WVN6	211	0.040	0.014	0.004	0.04 (0.01, 0.07)	0.044	0.001	0.004	0.027	0.874	4.34e-03 (-0.05, 0.06)	0.002	0.137	0.020	0.024	0.400	0.02 (-0.03, 0.07)	0.026	0.024	0.287	0.03 (-0.02, 0.07)
18289_16	CCL15	Q16663	211	0.034	0.012	0.004	0.03 (0.01, 0.06)	0.045	0.062	0.014	0.025	0.591	0.01 (-0.04, 0.06)	0.001	0.347	0.013	0.024	0.579	0.01 (-0.03, 0.06)	0.024	0.026	0.351	0.02 (-0.03, 0.07)
11196_31	COL6A3	P12111	211	0.041	0.014	0.004	0.04 (0.01, 0.07)	0.045	2.24E-04	-0.020	0.028	0.473	-0.02 (-0.07, 0.03)	0.004	0.012	0.003	0.021	0.877	3.25e-03 (-0.04, 0.0	0.000	0.026	0.987	4.34e-04 (-0.05, 0.05)
9952_57	TFAM	Q00059	211	-0.033	0.012	0.004	-0.03 (-0.06, -0.01)	0.045	0.729	-0.048	0.023	0.038	-0.05 (-0.09, -2.97e-0	0.001	0.458	-0.056	0.020	0.006	-0.06 (-0.10, -0.02)	-0.058	0.022	0.011	-0.06 (-0.10, -0.01)
13268_45	WNT5A	P41221	211	0.053	0.019	0.004	0.05 (0.02, 0.09)	0.045	2.96E-21	-0.049	0.036	0.178	-0.05 (-0.12, 0.02)	0.006	0.001	0.027	0.023	0.245	0.03 (-0.02, 0.07)	0.028	0.027	0.305	0.03 (-0.03, 0.08)
3073_51	IL18BP	O95998	211	0.039	0.014	0.004	0.04 (0.01, 0.07)	0.046	0.008	0.032	0.027	0.247	0.03 (-0.02, 0.09)	0.000	0.757	0.010	0.024	0.667	0.01 (-0.04, 0.06)	0.015	0.028	0.585	0.02 (-0.04, 0.07)
5242_37	MAP2K4	P45985	211	-0.034	0.012	0.004	-0.03 (-0.06, -0.01)	0.046	0.672	-0.024	0.023	0.304	-0.02 (-0.07, 0.02)	-0.001	0.631	-0.037	0.019	0.054	-0.04 (-0.07, 5.90e-	-0.023	0.024	0.336	-0.02 (-0.07, 0.02)
7956_11	MINOS1	Q5TGZ0	211	0.032	0.011	0.004	0.03 (0.01, 0.05)	0.046	4.80E-04	-0.031	0.022	0.156	-0.03 (-0.07, 0.01)	0.004	0.001	0.002	0.018	0.923	1.78e-03 (-0.03, 0.0	-0.005	0.019	0.808	-4.59e-03 (-0.04, 0.03)
9910_9	MTAP	Q13126	211	0.040	0.014	0.004	0.04 (0.01, 0.07)	0.046	1.61E-04	-0.016	0.027	0.554	-0.02 (-0.07, 0.04)	0.004	0.017	0.000	0.021	0.984	4.35e-04 (-0.04, 0.0	0.003	0.025	0.903	3.03e-03 (-0.05, 0.05)
16907_3	CADM2	Q8N3J6	211	-0.041	0.014	0.004	-0.04 (-0.07, -0.01)	0.046	3.84E-05	0.033	0.028	0.236	0.03 (-0.02, 0.09)	-0.005	0.002	-0.015	0.021	0.479	-0.01 (-0.06, 0.03)	-0.010	0.023	0.663	-0.01 (-0.05, 0.03)
9394_19	CPQ	Q9Y646	211	0.037	0.013	0.004	0.04 (0.01, 0.06)	0.046	0.005	0.020	0.025	0.409	0.02 (-0.03, 0.07)	0.001	0.420	-0.001	0.023	0.983	-5.06e-04 (-0.05, 0.	-0.005	0.022	0.827	-4.86e-03 (-0.05, 0.04)
11126_102	TRIO	O75962	211	0.033	0.011	0.004	0.03 (0.01, 0.06)	0.047	0.182	0.013	0.024	0.593	0.01 (-0.03, 0.06)	0.001	0.329	0.018	0.020	0.370	0.02 (-0.02, 0.06)	0.006	0.023	0.810	0.01 (-0.04, 0.05)
6551_94	SERPINA1	Q8IW75	211	0.040	0.014	0.004	0.04 (0.01, 0.07)	0.047	0.004	-0.038	0.027	0.161	-0.04 (-0.09, 0.02)	0.005	0.001	0.000	0.020	1.000	0.00e+00 (-0.04, 0.	-0.013	0.023	0.583	-0.01 (-0.06, 0.03)
2849_49	AIF1	P55008	211	-0.034	0.012	0.004	-0.03 (-0.06, -0.01)	0.047	0.101	-0.081	0.025	0.001	-0.08 (-0.13, -0.03)	0.003	0.028	-0.045	0.025	0.068	-0.05 (-0.09, 3.44e-	-0.051	0.024	0.035	-0.05 (-0.10, -3.98e-03)
13673_21	CCT7	Q99832	211	-0.034	0.012	0.004	-0.03 (-0.06, -0.01)	0.047	0.104	-0.030	0.025	0.238	-0.03 (-0.08, 0.02)	0.000	0.846	-0.047	0.024	0.052	-0.05 (-0.09, 4.01e-	-0.038	0.024	0.109	-0.04 (-0.08, 0.01)
15633_6	RBP4	P02753	211	0.044	0.016	0.004	0.04 (0.01, 0.07)	0.047	9.65E-09	0.009	0.031	0.769	0.01 (-0.05, 0.07)	0.002	0.189	0.070	0.022	0.002	0.07 (0.03, 0.11)	0.057	0.025	0.022	0.06 (0.01, 0.11)
7006_4	COL25A1	Q9BXS0	211	0.033	0.012	0.004	0.03 (0.01, 0.06)	0.047	0.091	-0.010	0.024	0.683	-0.01 (-0.06, 0.04)	0.003	0.042	0.015	0.025	0.538	0.02 (-0.03, 0.06)	0.005	0.025	0.847	4.77e-03 (-0.04, 0.05)
5756_66	PAPPA2	Q9BXP8	211	0.033	0.012	0.004	0.03 (0.01, 0.06)	0.048	0.149	-0.033	0.024	0.161	-0.03 (-0.08, 0.01)	0.004	0.001	0.020	0.018	0.289	0.02 (-0.02, 0.06)	0.005	0.023	0.812	0.01 (-0.04, 0.05)
13457_33	ELF5	Q9UKW6	211	0.036	0.012	0.004	0.04 (0.01, 0.06)	0.048	0.041	-0.003	0.025	0.904	-2.97e-03 (-0.05, 0.05	0.002	0.071	0.013	0.022	0.553	0.01 (-0.03, 0.06)	0.014	0.022	0.522	0.01 (-0.03, 0.06)
10990_21	LRRK2	Q5S007	211	0.041	0.014	0.004	0.04 (0.01, 0.07)	0.048	2.19E-05	-0.030	0.028	0.284	-0.03 (-0.09, 0.03)	0.004	0.004	0.012	0.024	0.626	0.01 (-0.04, 0.06)	0.014	0.025	0.563	0.01 (-0.03, 0.06)
6420_4	SDHAF2	Q9NX18	211	0.036	0.013	0.005	0.04 (0.01, 0.06)	0.048	0.011	0.002	0.025	0.936	2.02e-03 (-0.05, 0.05)	0.002	0.118	0.011	0.022	0.615	0.01 (-0.03, 0.05)	0.006	0.024	0.791	0.01 (-0.04, 0.05)
15509_2	NAGLU	P54802	211	0.031	0.011	0.005	0.03 (0.01, 0.05)	0.048	0.013	-0.006	0.022	0.769	-0.01 (-0.05, 0.04)	0.002	0.046	0.014	0.019	0.469	0.01 (-0.02, 0.05)	0.019	0.019	0.330	0.02 (-0.02, 0.06)
7655_11	NPPB	P16860	211	-0.034	0.012	0.005	-0.03 (-0.06, -0.01)	0.050	0.193	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)	0.002	0.241	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)
6342_10	NPNT	Q6UXI9	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.051	0.057	-0.010	0.025	0.693	-0.01 (-0.06, 0.04)	0.003	0.047	-0.006	0.020	0.765	-0.01 (-0.05, 0.03)	-0.008	0.023	0.731	-0.01 (-0.05, 0.04)
13503_19	ARL6IP5	O75915	211	-0.032	0.011	0.005	-0.03 (-0.05, -0.01)	0.051	0.772	-0.044	0.023	0.052	-0.04 (-0.09, 7.71e-05	0.001	0.534	-0.064	0.021	0.002	-0.06 (-0.11, -0.02)	-0.059	0.022	0.009	-0.06 (-0.10, -0.02)
11516_7	FABP1	P07148	211	0.038	0.014	0.005	0.04 (0.01, 0.07)	0.052	0.001	-0.052	0.026	0.047	-0.05 (-0.10, -1.02e-0	0.006	8.17E-05	0.000	0.021	1.000	0.00e+00 (-0.04, 0.	-0.006	0.023	0.799	-0.01 (-0.05, 0.04)
12503_5	GPR68	Q15743	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.052	0.118	-0.037	0.024	0.131	-0.04 (-0.08, 0.01)	0.004	0.001	-0.015	0.019	0.445	-0.01 (-0.05, 0.02)	-0.019	0.023	0.407	-0.02 (-0.07, 0.03)
17706_4	PPP1R1A	Q13522	211	0.042	0.015	0.005	0.04 (0.01, 0.07)	0.052	6.11E-07	-0.083	0.028	0.003	-0.08 (-0.14, -0.03)	0.008	4.60E-07	-0.017	0.021	0.418	-0.02 (-0.06, 0.02)	-0.021	0.027	0.429	-0.02 (-0.07, 0.03)
3196_6	HAPLN1	P10915	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.052	0.809	0.017	0.024	0.467	0.02 (-0.03, 0.06)	0.001	0.430	0.001	0.021	0.967	8.55e-04 (-0.04, 0.0	0.004	0.026	0.874	4.06e-03 (-0.05, 0.05)
6493_9	CPZ	Q66K79	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.052	0.092	-0.014	0.024	0.568	-0.01 (-0.06, 0.03)	0.003	0.028	0.001	0.020	0.942	1.49e-03 (-0.04, 0.0	0.009	0.023	0.691	0.01 (-0.04, 0.06)
9296_15	PTPRD	P23468	211	-0.042	0.015	0.005	-0.04 (-0.07, -0.01)	0.052	4.08E-06	0.039	0.029	0.181	0.04 (-0.02, 0.10)	-0.005	0.001	-0.001	0.022	0.970	-8.28e-04 (-0.04, 0.	0.003	0.028	0.925	2.61e-03 (-0.05, 0.06)
11573_3	SRSF6	Q13247	211	0.038	0.013	0.005	0.04 (0.01, 0.06)	0.054	0.003	-0.040	0.026	0.129	-0.04 (-0.09, 0.01)	0.005	0.001	-0.020	0.020	0.314	-0.02 (-0.06, 0.02)	-0.042	0.028	0.144	-0.04 (-0.10, 0.01)
4771_10	SMPDL3A	Q92484	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.054	0.077	-0.016	0.025	0.516	-0.02 (-0.07, 0.03)	0.003	0.023	-0.004	0.021	0.844	-4.21e-03 (-0.05, 0.	-0.005	0.026	0.859	-4.55e-03 (-0.05, 0.05)
8758_2	PCDHA7	Q9UN72	211	0.032	0.012	0.005	0.03 (0.01, 0.06)	0.055	0.076	-0.004	0.025	0.857	-4.42e-03 (-0.05, 0.04	0.002	0.084	0.024	0.025	0.331	0.02 (-0.02, 0.07)	0.020	0.025	0.427	0.02 (-0.03, 0.07)
3362_61	CHRDL1	Q9BU40	211	-0.040	0.014	0.005	-0.04 (-0.07, -0.01)	0.055	6.17E-05	0.015	0.028	0.594	0.01 (-0.04, 0.07)	-0.003	0.025	-0.015	0.026	0.569	-0.01 (-0.07, 0.04)	-0.018	0.028	0.521	-0.02 (-0.07, 0.04)
8866_53	QPCTL	Q9NXS2	211	-0.044	0.016	0.005	-0.04 (-0.08, -0.01)	0.056	1.67E-09	-0.020	0.032	0.522	-0.02 (-0.08, 0.04)	-0.001	0.384	-0.011	0.024	0.650	-0.01 (-0.06, 0.04)	-0.021	0.028	0.453	-0.02 (-0.08, 0.03)
9003_99	MARCO	Q9UEW3	211	0.036	0.013	0.005	0.04 (0.01, 0.06)	0.056	0.016	-0.010	0.025	0.707	-0.01 (-0.06, 0.04)	0.003	0.039	0.010	0.023	0.672	0.01 (-0.03, 0.05)	0.017	0.024	0.472	0.02 (-0.03, 0.06)
13059_33	RFK	Q969G6	211	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.056	0.063	-0.033	0.024	0.180	-0.03 (-0.08, 0.01)	0.004	0.002	-0.001	0.022	0.974	-7.32e-04 (-0.04, 0.	0.003	0.024	0.912	2.65e-03 (-0.04, 0.05)
6605_17	IGFALS	P35858	211	0.045	0.016	0.006	0.05 (0.01, 0.08)	0.056	1.61E-12	0.042	0.033	0.195	0.04 (-0.02, 0.11)	0.000	0.912	0.059	0.025	0.018	0.06 (0.01, 0.11)	0.062	0.023	0.007	0.06 (0.02, 0.11)
8024_64	TPST2	O60704	211	0.039	0.014	0.006	0.04 (0.01, 0.07)	0.056	3.37E-04	-0.005	0.028	0.860	-4.93e-03 (-0.06, 0.05	0.003	0.068	0.011	0.020	0.601	0.01 (-0.03, 0.05)	-0.011	0.027	0.687	-0.01 (-0.06, 0.04)
12807_89	ARHGAP3(	Q7Z6I6	211	0.037	0.014	0.006	0.04 (0.01, 0.06)	0.056	0.004	-0.016	0.027	0.545	-0.02 (-0.07, 0.04)	0.003	0.021	0.003	0.022	0.895	2.86e-03 (-0.04, 0.0	0.004	0.024	0.877	3.69e-03 (-0.04, 0.05)
8368_102	TNFRSF1B	P20333	211	0.041	0.015	0.006	0.04 (0.01, 0.07)	0.056	3.37E-05	0.010	0.029	0.745	0.01 (-0.05, 0.07)	0.002	0.221	0.003	0.023	0.889	3.26e-03 (-0.04, 0.0	0.017	0.027	0.542	0.02 (-0.04, 0.07)
19127_1	HSPB6	O14558	211	0.042	0.015	0.006	0.04 (0.01, 0.07)	0.059	5.69E-07	-0.042	0.030	0.153	-0.04 (-0.10, 0.02)	0.005	0.001	-0.001	0.025	0.965	-1.08e-03 (-0.05, 0.	-0.008	0.029	0.787	-0.01 (-0.06, 0.05)
15602_43	IL6R	P08887	211	0.032	0.012	0.006	0.03 (0.01, 0.06)	0.059	0.003	0.029	0.023	0.212	0.03 (-0.02, 0.07)	0.000	0.864	0.017	0.018	0.351	0.02 (-0.02, 0.05)	0.013	0.019	0.496	0.01 (-0.02, 0.05)
7808_5	GLCE	O94923	211	0.036	0.013	0.006	0.04 (0.01, 0.06)	0.059	0.008	0.026	0.026	0.315	0.03 (-0.02, 0.08)	0.001	0.655	0.007	0.023	0.760	0.01 (-0.04, 0.05)	0.012	0.023	0.617	0.01 (-0.03, 0.06)
12632_14	NAT1	P18440	211	0.032	0.012	0.006	0.03 (0.01, 0.06)	0.060	0.086	-0.035	0.024	0.154	-0.03 (-0.08, 0.01)	0.004	0.002	0.012	0.019	0.543	0.01 (-0.03, 0.05)	0.001	0.024	0.971	8.84e-04 (-0.05, 0.05)
6123_69	TP53	P04637	211	0.032	0.012	0.006	0.03 (0.01, 0.05)	0.060	0.309	0.014	0.024	0.545	0.01 (-0.03, 0.06)	0.001	0.387	0.000	0.020	0.982	-4.61e-04 (-0.04, 0.	-0.009	0.025	0.719	-0.01 (-0.06, 0.04)
5632_6	CRTAC1	Q9NQ79	211	-0.035	0.013	0.006	-0.04 (-0.06, -0.01)	0.060	0.703	-0.034	0.025	0.183	-0.03 (-0.08, 0.02)	0.000	0.961	-0.012	0.021	0.570	-0.01 (-0.05, 0.03)	0.018	0.027	0.519	0.02 (-0.04, 0.07)
17675_17	ACOT13	Q9NPJ3	211	-0.033	0.012	0.006	-0.03 (-0.06, -0.01)	0.060	0.353	-0.044	0.024	0.068	-0.04 (-0.09, 3.04e-03	0.001	0.584	-0.049	0.025	0.050	-0.05 (-0.10, -4.54e-	-0.047	0.023	0.042	-0.05 (-0.09, -2.07e-03)
3152_57	TNFRSF1B	P20333	211	0.039	0.014	0.006	0.04 (0.01, 0.07)	0.060	1.31E-04	0.003	0.028	0.926	2.61e-03 (-0.05, 0.06)	0.002	0.131	-0.002	0.024	0.939	-1.81e-03 (-0.05, 0.	0.014	0.027	0.606	0.01 (-0.04, 0.07)
5004_69	MAPK11	Q15759	211	0.032	0.012	0.006	0.03 (0.01, 0.05)	0.060	0.382	0.004	0.023	0.851	4.34e-03 (-0.04, 0.05)	0.002	0.174	-0.011	0.020	0.576	-0.01 (-0.05, 0.03)	-0.012	0.027	0.657	-0.01 (-0.06, 0.04)
13724_27	FGF19	O95750	211	-0.035	0.013	0.006	-0.04 (-0.06, -0.01)	0.060	0.020	-0.021	0.025	0.410	-0.02 (-0.07, 0.03)	-0.001	0.519	-0.011	0.021	0.594	-0.01 (-0.05, 0.03)	-0.002	0.023	0.924	-2.23e-03 (-0.05, 0.04)
10572_65	CST8	O60676	211	0.038	0.014	0.006	0.04 (0.01, 0.07)	0.061	0.002	-0.029	0.027	0.283	-0.03 (-0.08, 0.02)	0.004	0.004	0.015	0.024	0.516	0.02 (-0.03, 0.06)	0.022	0.023	0.337	0.02 (-0.02, 0.07)
4990_87	GP1BA	P07359	211	-0.039	0.014	0.006	-0.04 (-0.07, -0.01)	0.061	6.48E-05	-0.045	0.029	0.115	-0.05 (-0.10, 0.01)	0.000	0.813	-0.051	0.026	0.048	-0.05 (-0.10, -4.90e-	-0.055	0.025	0.033	-0.05 (-0.10, -4.74e-03)
6049_64	PTPRS	Q13332	211	-0.045	0.016	0.006	-0.04 (-0.08, -0.01)	0.062	3.36E-12	-0.011	0.032	0.741	-0.01 (-0.07, 0.05)	-0.002	0.213	-0.009	0.021	0.671	-0.01 (-0.05, 0.03)	-0.015	0.023	0.509	-0.02 (-0.06, 0.03)
10037_98	SIGLEC12	Q96PQ1	211	0.032	0.012	0.006	0.03 (0.01, 0.06)	0.062	0.908	-0.023	0.023	0.336	-0.02 (-0.07, 0.02)	0.003	0.007	0.013	0.019	0.509	0.01 (-0.03, 0.05)	-0.004	0.024	0.849	-4.49e-03 (-0.05, 0.04)
6974_6	CD74	P04233	211	0.032	0.012	0.006	0.03 (0.01, 0.05)	0.062	0.108	-0.016	0.024	0.514	-0.02 (-0.06, 0.03)	0.003	0.024	0.010	0.020	0.612	0.01 (-0.03, 0.05)	0.005	0.024	0.836	4.95e-03 (-0.04, 0.05)
12895_28	DGKB	Q9Y6T7	211	0.035	0.013	0.006	0.04 (0.01, 0.06)	0.063	0.035	-0.011	0.026	0.678	-0.01 (-0.06, 0.04)	0.003	0.039	0.010	0.024	0.680	0.01 (-0.04, 0.06)	0.014	0.024	0.570	0.01 (-0.03, 0.06)
7787_25	LILRA5	A6NI73	211	0.039	0.014	0.006	0.04 (0.01, 0.07)	0.063	0.001	-0.047	0.028	0.092	-0.05 (-0.10, 0.01)	0.005	4.10E-04	0.009	0.021	0.655	0.01 (-0.03, 0.05)	-0.032	0.026	0.217	-0.03 (-0.08, 0.02)
9173_21	PGM1	P36871	211	0.032	0.012	0.006	0.03 (0.01, 0.05)	0.063	0.215	-0.018	0.024	0.455	-0.02 (-0.06, 0.03)	0.003	0.016	0.016	0.024	0.518	0.02 (-0.03, 0.06)	0.010	0.021	0.632	0.01 (-0.03, 0.05)
9118_7	PSD2	Q9BQI7	211	0.041	0.015	0.007	0.04 (0.01, 0.07)	0.064	1.97E-06	0.007	0.030	0.808	0.01 (-0.05, 0.07)	0.002	0.190	0.031	0.025	0.209	0.03 (-0.02, 0.08)	0.047	0.025	0.063	0.05 (-2.22e-03, 0.10)
19275_68	IDH3G	P51553	211	-0.031	0.011	0.007	-0.03 (-0.05, -0.01)	0.064	0.593	-0.036	0.023	0.114	-0.04 (-0.08, 0.01)	0.000	0.801	-0.052	0.018	0.004	-0.05 (-0.09, -0.02)	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)
3440_7	GZMA	P12544	211	0.058	0.021	0.007	0.06 (0.02, 0.10)	0.065	5.78E-52	0.061	0.043	0.156	0.06 (-0.02, 0.14)	0.000	0.945	0.041	0.024	0.090	0.04 (-0.01, 0.09)	0.032	0.022	0.147	0.03 (-0.01, 0.08)
15462_28	CD8A	P01732	211	0.045	0.017	0.007	0.05 (0.01, 0.08)	0.065	3.36E-13	0.063	0.033	0.057	0.06 (-1.42e-03, 0.13)	-0.001	0.524	0.046	0.024	0.058	0.05 (-1.60e-03, 0.0	0.045	0.026	0.087	0.05 (-0.01, 0.10)
9524_46	SPATA31D	Q6ZUB0	211	0.032	0.012	0.007	0.03 (0.01, 0.05)	0.066	0.078	-0.064	0.024	0.007	-0.06 (-0.11, -0.02)	0.006	5.13E-06	-0.005	0.020	0.811	-4.89e-03 (-0.04, 0.	-0.014	0.024	0.548	-0.01 (-0.06, 0.03)
9127_4	SLC26A5	P58743	211	0.031	0.011	0.007	0.03 (0.01, 0.05)	0.066	0.137	-0.007	0.024	0.777	-0.01 (-0.05, 0.04)	0.002	0.068	0.020	0.023	0.401	0.02 (-0.03, 0.07)	0.028	0.025	0.275	0.03 (-0.02, 0.08)
15326_64	GBP1	P32455	211	0.039	0.014	0.007	0.04 (0.01, 0.07)	0.067	9.45E-06	0.014	0.029	0.639	0.01 (-0.04, 0.07)	0.002	0.304	0.023	0.025	0.355	0.02 (-0.03, 0.07)	0.029	0.025	0.243	0.03 (-0.02, 0.08)
5486_73	ICAM2	P13598	211	0.036	0.013	0.007	0.04 (0.01, 0.06)	0.067	0.005	0.022	0.026	0.396	0.02 (-0.03, 0.07)	0.001	0.556	0.017	0.024	0.490	0.02 (-0.03, 0.06)	0.016	0.024	0.521	0.02 (-0.03, 0.06)
7551_33	LRRC32	Q14392	211	0.042	0.016	0.007	0.04 (0.01, 0.07)	0.067	9.18E-07	0.079	0.033	0.017	0.08 (0.01, 0.14)	-0.002	0.203	0.014	0.023	0.527	0.01 (-0.03, 0.06)	0.000	0.037	1.000	2.24e-05 (-0.07, 0.07)
2418_55	APOE	P02649	211	0.058	0.022	0.007	0.06 (0.02, 0.10)	0.067	5.80E-50	0.007	0.043	0.876	0.01 (-0.08, 0.09)	0.003	0.163	0.031	0.024	0.202	0.03 (-0.02, 0.08)	0.040	0.024	0.100	0.04 (-0.01, 0.09)
13022_20	TP53I11	O14683	211	0.118	0.044	0.007	0.12 (0.03, 0.20)	0.067	0.00E+00	0.050	0.087	0.566	0.05 (-0.12, 0.22)	0.004	0.369	0.036	0.021	0.088	0.04 (-0.01, 0.08)	0.024	0.026	0.343	0.02 (-0.03, 0.07)
5201_50	PDE9A	O76083	211	0.031	0.012	0.007	0.03 (0.01, 0.05)	0.068	0.444	0.007	0.023	0.772	0.01 (-0.04, 0.05)	0.002	0.220	0.034	0.023	0.139	0.03 (-0.01, 0.08)	0.028	0.023	0.232	0.03 (-0.02, 0.07)
3074_6	LBP	P18428	211	0.033	0.012	0.007	0.03 (0.01, 0.06)	0.068	0.240	0.009	0.026	0.725	0.01 (-0.04, 0.06)	0.002	0.277	0.013	0.022	0.548	0.01 (-0.03, 0.06)	0.027	0.025	0.266	0.03 (-0.02, 0.08)
16307_22	UNC5D	Q6UXZ4	211	-0.039	0.014	0.007	-0.04 (-0.07, -0.01)	0.071	3.63E-05	0.031	0.029	0.276	0.03 (-0.02, 0.09)	-0.004	0.005	-0.006	0.023	0.782	-0.01 (-0.05, 0.04)	-0.013	0.026	0.610	-0.01 (-0.06, 0.04)
6527_1	TRIL	Q7L0X0	211	0.032	0.012	0.007	0.03 (0.01, 0.06)	0.071	0.227	-0.005	0.025	0.842	-4.89e-03 (-0.05, 0.04	0.002	0.082	0.031	0.021	0.134	0.03 (-0.01, 0.07)	0.006	0.025	0.810	0.01 (-0.04, 0.06)
9177_6	FAM3B	P58499	211	0.033	0.013	0.008	0.03 (0.01, 0.06)	0.073	0.604	0.014	0.025	0.569	0.01 (-0.03, 0.06)	0.001	0.376	0.008	0.025	0.758	0.01 (-0.04, 0.06)	0.010	0.026	0.690	0.01 (-0.04, 0.06)
15385_116	FABP2	P12104	211	0.033	0.012	0.008	0.03 (0.01, 0.06)	0.074	4.78E-04	-0.012	0.024	0.615	-0.01 (-0.06, 0.04)	0.003	0.031	0.014	0.021	0.482	0.01 (-0.03, 0.05)	0.017	0.021	0.436	0.02 (-0.03, 0.06)
17737_7	IVD	P26440	211	-0.031	0.012	0.008	-0.03 (-0.05, -0.01)	0.074	0.937	-0.047	0.023	0.043	-0.05 (-0.09, -1.79e-0	0.001	0.421	-0.047	0.022	0.032	-0.05 (-0.09, -4.07e-	-0.052	0.025	0.038	-0.05 (-0.10, -3.14e-03)
4878_3	F10	P00742	211	0.041	0.015	0.008	0.04 (0.01, 0.07)	0.076	6.73E-08	-0.018	0.031	0.554	-0.02 (-0.08, 0.04)	0.004	0.026	0.012	0.021	0.570	0.01 (-0.03, 0.05)	0.020	0.025	0.407	0.02 (-0.03, 0.07)
6276_16	FURIN	P09958	211	0.036	0.014	0.008	0.04 (0.01, 0.06)	0.076	0.002	-0.033	0.026	0.208	-0.03 (-0.08, 0.02)	0.004	0.003	0.024	0.021	0.241	0.02 (-0.02, 0.07)	0.017	0.025	0.493	0.02 (-0.03, 0.07)
9503_1	NMS	Q5H8A3	211	0.030	0.011	0.008	0.03 (0.01, 0.05)	0.076	0.171	0.009	0.023	0.690	0.01 (-0.04, 0.05)	0.001	0.311	0.006	0.021	0.771	0.01 (-0.04, 0.05)	0.019	0.021	0.368	0.02 (-0.02, 0.06)
17764_108	RHOC	P08134	211	-0.032	0.012	0.008	-0.03 (-0.06, -0.01)	0.077	0.099	-0.019	0.025	0.461	-0.02 (-0.07, 0.03)	-0.001	0.549	-0.040	0.021	0.050	-0.04 (-0.08, -3.75e-	-0.048	0.026	0.062	-0.05 (-0.10, 2.08e-03)
3309_2	FCGR2A	P12318	211	0.027	0.010	0.008	0.03 (0.01, 0.05)	0.077	0.896	0.023	0.020	0.267	0.02 (-0.02, 0.06)	0.000	0.789	0.010	0.019	0.616	0.01 (-0.03, 0.05)	0.007	0.020	0.724	0.01 (-0.03, 0.05)
4440_15	FCRL3	Q96P31	211	0.030	0.011	0.008	0.03 (0.01, 0.05)	0.077	0.541	-0.004	0.023	0.855	-4.19e-03 (-0.05, 0.04	0.002	0.084	0.004	0.019	0.832	4.02e-03 (-0.03, 0.0	0.011	0.022	0.632	0.01 (-0.03, 0.05)
7065_1	G6B	O95866	211	-0.031	0.012	0.008	-0.03 (-0.05, -0.01)	0.077	0.068	-0.051	0.025	0.043	-0.05 (-0.10, -1.87e-0	0.001	0.358	-0.052	0.021	0.015	-0.05 (-0.09, -0.01)	-0.043	0.024	0.073	-0.04 (-0.09, 3.74e-03)
9931_20	KRT1	P04264	211	0.036	0.013	0.008	0.04 (0.01, 0.06)	0.077	0.001	-0.013	0.026	0.632	-0.01 (-0.06, 0.04)	0.003	0.034	-0.003	0.023	0.902	-2.78e-03 (-0.05, 0.	-0.004	0.025	0.879	-3.77e-03 (-0.05, 0.04)
12968_2	CSRP2	Q16527	211	-0.032	0.012	0.008	-0.03 (-0.05, -0.01)	0.077	0.504	-0.074	0.024	0.002	-0.07 (-0.12, -0.03)	0.003	0.041	-0.061	0.022	0.006	-0.06 (-0.11, -0.02)	-0.060	0.025	0.017	-0.06 (-0.11, -0.01)
2683_1	C3	P01024	211	0.032	0.012	0.008	0.03 (0.01, 0.06)	0.077	0.309	0.013	0.025	0.593	0.01 (-0.03, 0.06)	0.001	0.380	0.024	0.024	0.322	0.02 (-0.02, 0.07)	0.028	0.024	0.247	0.03 (-0.02, 0.07)
12524_18	SAT2	Q96F10	211	0.031	0.012	0.008	0.03 (0.01, 0.05)	0.078	0.357	-0.033	0.024	0.168	-0.03 (-0.08, 0.01)	0.004	0.002	-0.003	0.021	0.881	-3.19e-03 (-0.05, 0.	-0.005	0.024	0.846	-4.72e-03 (-0.05, 0.04)
15614_168	LILRA2	Q8N149	211	0.032	0.012	0.008	0.03 (0.01, 0.06)	0.078	0.076	0.020	0.026	0.453	0.02 (-0.03, 0.07)	0.001	0.578	0.007	0.024	0.777	0.01 (-0.04, 0.05)	0.020	0.026	0.445	0.02 (-0.03, 0.07)
11390_24	CA8	P35219	211	0.031	0.012	0.008	0.03 (0.01, 0.05)	0.078	0.263	0.002	0.024	0.919	2.40e-03 (-0.04, 0.05)	0.002	0.171	-0.001	0.019	0.967	-7.72e-04 (-0.04, 0.	-0.034	0.024	0.165	-0.03 (-0.08, 0.01)
6442_6	BAGE3	Q86Y29	211	0.035	0.013	0.009	0.04 (0.01, 0.06)	0.078	0.016	0.039	0.027	0.142	0.04 (-0.01, 0.09)	0.000	0.863	0.042	0.025	0.102	0.04 (-0.01, 0.09)	0.051	0.025	0.043	0.05 (1.82e-03, 0.10)
10702_1	COL28A1	Q2UY09	211	0.039	0.015	0.009	0.04 (0.01, 0.07)	0.078	1.28E-05	-0.011	0.029	0.694	-0.01 (-0.07, 0.05)	0.003	0.046	-0.013	0.022	0.542	-0.01 (-0.06, 0.03)	-0.022	0.027	0.423	-0.02 (-0.08, 0.03)
11286_78	VIMP	Q9BQE4	211	0.052	0.020	0.009	0.05 (0.01, 0.09)	0.079	1.13E-33	-0.010	0.039	0.794	-0.01 (-0.09, 0.07)	0.004	0.067	0.005	0.021	0.804	0.01 (-0.04, 0.05)	-0.002	0.025	0.928	-2.23e-03 (-0.05, 0.05)
12817_1	GEM	P55040	211	0.038	0.014	0.009	0.04 (0.01, 0.07)	0.079	6.51E-06	-0.024	0.028	0.401	-0.02 (-0.08, 0.03)	0.004	0.012	0.021	0.020	0.290	0.02 (-0.02, 0.06)	0.005	0.024	0.831	0.01 (-0.04, 0.05)
6603_18	KAL1	P23352	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.080	0.115	0.009	0.025	0.707	0.01 (-0.04, 0.06)	0.001	0.313	0.018	0.020	0.382	0.02 (-0.02, 0.06)	-0.007	0.028	0.811	-0.01 (-0.06, 0.05)
15580_2	EPHA7	Q15375	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.080	0.364	-0.013	0.023	0.578	-0.01 (-0.06, 0.03)	0.003	0.031	0.000	0.021	0.984	-4.12e-04 (-0.04, 0.	-0.002	0.023	0.938	-1.82e-03 (-0.05, 0.04)
11178_21	SVEP1	Q4LDE5	211	0.035	0.013	0.009	0.03 (0.01, 0.06)	0.080	0.029	0.061	0.026	0.021	0.06 (0.01, 0.11)	-0.002	0.249	0.058	0.025	0.020	0.06 (0.01, 0.11)	0.076	0.026	0.004	0.08 (0.02, 0.13)
17812_2	PTP4A1	Q93096	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.080	0.123	-0.021	0.024	0.401	-0.02 (-0.07, 0.03)	0.003	0.016	-0.008	0.022	0.705	-0.01 (-0.05, 0.03)	0.002	0.024	0.942	1.74e-03 (-0.05, 0.05)
13431_74	FAM159A	Q6UWV7	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.081	0.233	-0.013	0.024	0.588	-0.01 (-0.06, 0.03)	0.003	0.036	0.015	0.024	0.526	0.02 (-0.03, 0.06)	0.008	0.023	0.728	0.01 (-0.04, 0.05)
13447_42	SPRN	Q5BIV9	211	-0.030	0.012	0.009	-0.03 (-0.05, -0.01)	0.081	0.552	-0.050	0.023	0.031	-0.05 (-0.09, -4.98e-0	0.001	0.321	-0.060	0.023	0.010	-0.06 (-0.11, -0.01)	-0.060	0.025	0.016	-0.06 (-0.11, -0.01)
4931_59	F3	P13726	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.081	0.660	-0.007	0.023	0.777	-0.01 (-0.05, 0.04)	0.002	0.064	-0.004	0.022	0.856	-3.93e-03 (-0.05, 0.	0.008	0.025	0.754	0.01 (-0.04, 0.06)
8942_2	MRPL21	Q7Z2W9	211	0.037	0.014	0.009	0.04 (0.01, 0.06)	0.081	6.26E-05	-0.031	0.027	0.257	-0.03 (-0.09, 0.02)	0.004	0.004	-0.003	0.019	0.872	-3.12e-03 (-0.04, 0.	-0.013	0.022	0.560	-0.01 (-0.06, 0.03)
15566_10	CNN1	P51911	211	-0.036	0.014	0.009	-0.04 (-0.06, -0.01)	0.082	0.015	-0.061	0.027	0.026	-0.06 (-0.11, -0.01)	0.002	0.284	-0.048	0.021	0.021	-0.05 (-0.09, -0.01)	-0.040	0.024	0.103	-0.04 (-0.09, 0.01)
7757_5	HLA-DQA2	P01906	211	0.042	0.016	0.009	0.04 (0.01, 0.07)	0.082	5.90E-14	-0.022	0.032	0.484	-0.02 (-0.08, 0.04)	0.004	0.019	-0.011	0.020	0.561	-0.01 (-0.05, 0.03)	-0.029	0.024	0.217	-0.03 (-0.08, 0.02)
7141_21	MGAT4B	Q9UQ53	211	0.040	0.015	0.009	0.04 (0.01, 0.07)	0.082	2.86E-08	-0.013	0.030	0.669	-0.01 (-0.07, 0.05)	0.003	0.044	0.017	0.020	0.392	0.02 (-0.02, 0.06)	-0.042	0.030	0.164	-0.04 (-0.10, 0.02)
15471_29	PNLIPRP2	P54317	211	0.031	0.012	0.009	0.03 (0.01, 0.05)	0.083	0.110	0.076	0.026	0.003	0.08 (0.03, 0.13)	-0.003	0.044	0.035	0.020	0.076	0.04 (-3.64e-03, 0.0	0.058	0.028	0.043	0.06 (2.18e-03, 0.11)
10014_31	SNAI2	O43623	211	0.034	0.013	0.009	0.03 (0.01, 0.06)	0.084	0.008	-0.032	0.026	0.212	-0.03 (-0.08, 0.02)	0.004	0.003	-0.001	0.022	0.980	-5.50e-04 (-0.04, 0.	0.002	0.026	0.951	1.58e-03 (-0.05, 0.05)
17672_184	GIF	P27352	211	0.038	0.015	0.009	0.04 (0.01, 0.07)	0.084	1.68E-07	0.044	0.029	0.131	0.04 (-0.01, 0.10)	0.000	0.815	0.017	0.022	0.446	0.02 (-0.03, 0.06)	0.021	0.024	0.388	0.02 (-0.03, 0.07)
12637_7	CRAT	P43155	211	-0.031	0.012	0.009	-0.03 (-0.05, -0.01)	0.084	0.483	-0.049	0.024	0.036	-0.05 (-0.10, -3.41e-0	0.001	0.358	-0.056	0.024	0.020	-0.06 (-0.10, -0.01)	-0.046	0.025	0.074	-0.05 (-0.10, 4.12e-03)
8859_51	CA11	O75493	211	0.032	0.012	0.009	0.03 (0.01, 0.06)	0.084	0.077	0.030	0.028	0.285	0.03 (-0.02, 0.08)	0.000	0.946	0.029	0.021	0.160	0.03 (-0.01, 0.07)	0.025	0.029	0.397	0.02 (-0.03, 0.08)
13095_51	REG1A	P05451	211	0.034	0.013	0.010	0.03 (0.01, 0.06)	0.086	0.031	0.072	0.026	0.007	0.07 (0.02, 0.12)	-0.002	0.098	0.055	0.026	0.037	0.06 (3.34e-03, 0.1	0.077	0.028	0.006	0.08 (0.02, 0.13)
3605_77	MASP1	P48740	211	0.031	0.012	0.010	0.03 (0.01, 0.05)	0.086	0.095	-0.024	0.025	0.346	-0.02 (-0.07, 0.03)	0.003	0.012	0.015	0.020	0.445	0.02 (-0.02, 0.05)	0.001	0.026	0.967	1.06e-03 (-0.05, 0.05)
5358_3	OMD	Q99983	211	-0.038	0.015	0.010	-0.04 (-0.07, -0.01)	0.086	4.71E-05	0.033	0.028	0.247	0.03 (-0.02, 0.09)	-0.004	0.004	0.000	0.022	0.990	-2.80e-04 (-0.04, 0.	0.003	0.027	0.907	3.15e-03 (-0.05, 0.06)
11955_1	ARHGAP1	Q07960	211	0.031	0.012	0.010	0.03 (0.01, 0.05)	0.087	0.397	-0.013	0.023	0.583	-0.01 (-0.06, 0.03)	0.003	0.033	0.005	0.023	0.839	4.61e-03 (-0.04, 0.0	0.003	0.024	0.887	3.41e-03 (-0.04, 0.05)
4318_12	PTPN6	P29350	211	-0.030	0.012	0.010	-0.03 (-0.05, -0.01)	0.087	0.382	-0.014	0.024	0.564	-0.01 (-0.06, 0.03)	-0.001	0.418	-0.013	0.020	0.505	-0.01 (-0.05, 0.03)	-0.005	0.026	0.854	-4.79e-03 (-0.06, 0.05)
3808_76	FGFR2	P21802	211	0.028	0.011	0.010	0.03 (0.01, 0.05)	0.088	0.236	-0.002	0.020	0.931	-1.71e-03 (-0.04, 0.04	0.002	0.073	0.009	0.021	0.654	0.01 (-0.03, 0.05)	0.018	0.019	0.337	0.02 (-0.02, 0.05)
8922_4	TMCC3	Q9ULS5	211	0.083	0.032	0.010	0.08 (0.02, 0.15)	0.088	2.42E-186	0.002	0.064	0.976	1.93e-03 (-0.12, 0.13)	0.005	0.145	0.017	0.022	0.427	0.02 (-0.03, 0.06)	0.007	0.024	0.775	0.01 (-0.04, 0.05)
9220_7	EPHB3	P54753	211	0.030	0.012	0.010	0.03 (0.01, 0.05)	0.088	0.155	-0.007	0.024	0.756	-0.01 (-0.05, 0.04)	0.002	0.072	-0.003	0.021	0.894	-2.80e-03 (-0.04, 0.	0.009	0.024	0.710	0.01 (-0.04, 0.06)
19270_26	YARS	P54577	211	-0.031	0.012	0.010	-0.03 (-0.05, -0.01)	0.089	0.052	-0.046	0.026	0.077	-0.05 (-0.10, 4.74e-03	0.001	0.504	-0.062	0.023	0.007	-0.06 (-0.11, -0.02)	-0.061	0.026	0.020	-0.06 (-0.11, -0.01)
6350_43	APOC2	P02655	211	0.029	0.011	0.010	0.03 (0.01, 0.05)	0.090	0.238	-0.006	0.023	0.789	-0.01 (-0.05, 0.04)	0.002	0.078	0.000	0.019	0.993	1.73e-04 (-0.04, 0.0	-0.013	0.025	0.604	-0.01 (-0.06, 0.04)
12529_32	FKBP6	O75344	211	0.036	0.014	0.010	0.04 (0.01, 0.06)	0.090	2.70E-05	-0.007	0.028	0.815	-0.01 (-0.06, 0.05)	0.003	0.077	0.031	0.024	0.188	0.03 (-0.02, 0.08)	0.032	0.022	0.147	0.03 (-0.01, 0.08)
9100_32	C5orf46	Q6UWT4	211	-0.031	0.012	0.010	-0.03 (-0.05, -0.01)	0.090	0.089	-0.051	0.026	0.049	-0.05 (-0.10, -5.98e-0	0.001	0.374	-0.059	0.024	0.013	-0.06 (-0.11, -0.01)	-0.046	0.027	0.093	-0.05 (-0.10, 0.01)
15606_19	KRT19	P08727	211	0.069	0.027	0.010	0.07 (0.02, 0.12)	0.090	1.45E-107	0.000	0.054	1.000	-4.52e-06 (-0.11, 0.11	0.004	0.137	0.014	0.023	0.541	0.01 (-0.03, 0.06)	0.013	0.023	0.565	0.01 (-0.03, 0.06)
17856_23	NT5M	Q9NPB1	211	-0.030	0.012	0.010	-0.03 (-0.05, -0.01)	0.090	0.712	-0.046	0.023	0.049	-0.05 (-0.09, -4.32e-0	0.001	0.426	-0.055	0.023	0.017	-0.06 (-0.10, -0.01)	-0.056	0.023	0.015	-0.06 (-0.10, -0.01)
5132_71	IL27RA	Q6UWB1	211	0.032	0.013	0.010	0.03 (0.01, 0.06)	0.091	0.290	0.069	0.025	0.007	0.07 (0.02, 0.12)	-0.002	0.091	0.029	0.025	0.242	0.03 (-0.02, 0.08)	0.024	0.025	0.342	0.02 (-0.02, 0.07)
12750_9	ITGB2	P05107	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.091	0.083	-0.035	0.024	0.148	-0.04 (-0.08, 0.01)	0.004	0.002	0.003	0.020	0.877	3.16e-03 (-0.04, 0.0	-0.001	0.024	0.964	-1.10e-03 (-0.05, 0.05)
8429_16	AXIN2	Q9Y2T1	211	0.035	0.014	0.011	0.03 (0.01, 0.06)	0.091	0.009	0.001	0.027	0.963	1.27e-03 (-0.05, 0.05)	0.002	0.151	0.013	0.025	0.609	0.01 (-0.04, 0.06)	0.013	0.024	0.591	0.01 (-0.03, 0.06)
8908_14	KCNE5	Q9UJ90	211	-0.031	0.012	0.011	-0.03 (-0.05, -0.01)	0.091	0.297	-0.019	0.025	0.444	-0.02 (-0.07, 0.03)	-0.001	0.573	0.005	0.020	0.822	4.61e-03 (-0.04, 0.0	0.013	0.024	0.594	0.01 (-0.03, 0.06)
19553_14	STX1A	Q16623	211	-0.034	0.013	0.011	-0.03 (-0.06, -0.01)	0.091	0.006	0.013	0.026	0.621	0.01 (-0.04, 0.06)	-0.003	0.038	0.006	0.020	0.751	0.01 (-0.03, 0.05)	0.001	0.027	0.973	9.11e-04 (-0.05, 0.05)
2516_57	CCL21	O00585	211	0.038	0.015	0.011	0.04 (0.01, 0.07)	0.091	4.80E-07	-0.008	0.029	0.798	-0.01 (-0.07, 0.05)	0.003	0.075	0.038	0.026	0.138	0.04 (-0.01, 0.09)	0.038	0.025	0.141	0.04 (-0.01, 0.09)
3007_7	SIGLEC9	Q9Y336	211	0.032	0.013	0.011	0.03 (0.01, 0.06)	0.091	1.000	0.018	0.025	0.474	0.02 (-0.03, 0.07)	0.001	0.501	0.002	0.021	0.927	1.96e-03 (-0.04, 0.0	0.001	0.024	0.980	6.12e-04 (-0.05, 0.05)
9313_27	CBLN1	P23435	211	-0.038	0.015	0.011	-0.04 (-0.07, -0.01)	0.091	9.71E-09	0.025	0.029	0.393	0.02 (-0.03, 0.08)	-0.004	0.014	-0.001	0.022	0.979	-5.75e-04 (-0.04, 0.	-0.003	0.024	0.885	-3.44e-03 (-0.05, 0.04)
15534_26	MDH2	P40926	211	-0.030	0.012	0.011	-0.03 (-0.05, -0.01)	0.091	0.572	-0.042	0.023	0.070	-0.04 (-0.09, 3.15e-03	0.001	0.536	-0.048	0.024	0.042	-0.05 (-0.09, -1.64e-	-0.039	0.024	0.103	-0.04 (-0.09, 0.01)
7776_20	UNC5B	Q8IZJ1	211	0.035	0.014	0.011	0.03 (0.01, 0.06)	0.092	0.009	0.043	0.027	0.116	0.04 (-0.01, 0.10)	-0.001	0.731	0.018	0.024	0.441	0.02 (-0.03, 0.07)	0.015	0.027	0.572	0.02 (-0.04, 0.07)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
3389_7	SERPINA5	P05154	211	0.034	0.013	0.011	0.03 (0.01, 0.06)	0.092	0.005	-0.002	0.025	0.940	-1.91e-03 (-0.05, 0.05	0.002	0.102	0.007	0.021	0.726	0.01 (-0.03, 0.05)	0.015	0.022	0.489	0.02 (-0.03, 0.06)
14153_8	EFNA3	P52797	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.092	0.097	0.018	0.025	0.465	0.02 (-0.03, 0.07)	0.001	0.586	0.009	0.021	0.656	0.01 (-0.03, 0.05)	0.004	0.023	0.863	3.97e-03 (-0.04, 0.05)
9212_22	CTSF	Q9UBX1	211	0.046	0.018	0.011	0.05 (0.01, 0.08)	0.092	7.02E-23	0.015	0.036	0.667	0.02 (-0.05, 0.09)	0.002	0.322	0.019	0.022	0.390	0.02 (-0.02, 0.06)	0.021	0.027	0.440	0.02 (-0.03, 0.07)
13529_39	NAP1L2	Q9ULW6	211	0.037	0.015	0.011	0.04 (0.01, 0.07)	0.092	4.81E-06	-0.011	0.029	0.693	-0.01 (-0.07, 0.05)	0.003	0.052	0.008	0.019	0.669	0.01 (-0.03, 0.05)	0.002	0.024	0.944	1.72e-03 (-0.05, 0.05)
3480_7	DUSP3	P51452	211	-0.030	0.012	0.011	-0.03 (-0.05, -0.01)	0.092	0.295	-0.019	0.024	0.429	-0.02 (-0.07, 0.03)	-0.001	0.599	-0.032	0.025	0.209	-0.03 (-0.08, 0.02)	-0.033	0.024	0.164	-0.03 (-0.08, 0.01)
8800_14	TTC17	Q96AE7	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.092	0.112	-0.007	0.024	0.781	-0.01 (-0.05, 0.04)	0.002	0.083	-0.003	0.022	0.902	-2.70e-03 (-0.05, 0.	-0.008	0.023	0.715	-0.01 (-0.05, 0.04)
5644_60	RNASE4	P34096	211	0.038	0.015	0.011	0.04 (0.01, 0.07)	0.093	1.70E-05	-0.003	0.030	0.909	-3.45e-03 (-0.06, 0.06	0.003	0.117	0.007	0.023	0.746	0.01 (-0.04, 0.05)	0.013	0.028	0.633	0.01 (-0.04, 0.07)
8874_53	CLN5	O75503	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.093	0.056	-0.030	0.024	0.227	-0.03 (-0.08, 0.02)	0.004	0.005	0.000	0.020	0.996	-1.00e-04 (-0.04, 0.	0.007	0.024	0.776	0.01 (-0.04, 0.05)
6405_74	PSG2	P11465	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.093	0.177	-0.008	0.025	0.742	-0.01 (-0.06, 0.04)	0.002	0.072	0.016	0.025	0.536	0.02 (-0.03, 0.07)	0.015	0.024	0.539	0.01 (-0.03, 0.06)
11107_25	TENM3	Q9P273	211	0.029	0.012	0.011	0.03 (0.01, 0.05)	0.094	0.068	-0.022	0.025	0.378	-0.02 (-0.07, 0.03)	0.003	0.017	0.000	0.022	0.990	2.74e-04 (-0.04, 0.0	0.004	0.024	0.873	3.77e-03 (-0.04, 0.05)
5656_53	ENDOU	P21128	211	0.030	0.012	0.011	0.03 (0.01, 0.05)	0.094	0.520	0.017	0.023	0.455	0.02 (-0.03, 0.06)	0.001	0.541	0.015	0.024	0.526	0.01 (-0.03, 0.06)	0.019	0.024	0.437	0.02 (-0.03, 0.07)
14029_42	COPS2	P61201	211	0.039	0.016	0.011	0.04 (0.01, 0.07)	0.095	1.66E-09	-0.035	0.030	0.246	-0.04 (-0.09, 0.02)	0.005	0.005	-0.007	0.021	0.753	-0.01 (-0.05, 0.03)	-0.009	0.022	0.693	-0.01 (-0.05, 0.04)
6252_62	SCGB3A1	Q96QR1	211	-0.040	0.016	0.011	-0.04 (-0.07, -0.01)	0.095	5.52E-11	-0.023	0.032	0.461	-0.02 (-0.09, 0.04)	-0.001	0.540	0.002	0.022	0.929	1.93e-03 (-0.04, 0.0	0.008	0.027	0.772	0.01 (-0.05, 0.06)
17806_6	SDCBP	O00560	211	0.035	0.014	0.011	0.03 (0.01, 0.06)	0.095	0.002	-0.047	0.026	0.079	-0.05 (-0.10, 0.01)	0.005	4.59E-04	-0.014	0.020	0.474	-0.01 (-0.05, 0.02)	-0.050	0.027	0.060	-0.05 (-0.10, 1.76e-03)
17333_20	ACADM	P11310	211	-0.030	0.012	0.012	-0.03 (-0.05, -0.01)	0.096	0.405	-0.026	0.024	0.271	-0.03 (-0.07, 0.02)	0.000	0.861	-0.023	0.023	0.313	-0.02 (-0.07, 0.02)	-0.028	0.024	0.254	-0.03 (-0.07, 0.02)
10762_2	KLRG2	A4D1S0	211	0.032	0.013	0.012	0.03 (0.01, 0.06)	0.096	0.016	0.003	0.025	0.898	3.14e-03 (-0.05, 0.05)	0.002	0.166	0.002	0.024	0.943	1.70e-03 (-0.04, 0.0	-0.004	0.023	0.875	-3.68e-03 (-0.05, 0.04)
7173_141	TMEM132C	Q8N3T6	211	-0.037	0.015	0.012	-0.04 (-0.07, -0.01)	0.096	2.31E-04	0.014	0.029	0.618	0.01 (-0.04, 0.07)	-0.003	0.041	-0.004	0.023	0.842	-4.49e-03 (-0.05, 0.	-0.008	0.026	0.757	-0.01 (-0.06, 0.04)
17462_19	IRF1	P10914	211	0.033	0.013	0.012	0.03 (0.01, 0.06)	0.096	0.010	-0.022	0.026	0.385	-0.02 (-0.07, 0.03)	0.003	0.014	0.013	0.024	0.578	0.01 (-0.03, 0.06)	0.017	0.025	0.499	0.02 (-0.03, 0.07)
17329_2	BDH2	Q9BUT1	211	0.041	0.016	0.012	0.04 (0.01, 0.07)	0.098	2.32E-15	0.004	0.032	0.900	4.04e-03 (-0.06, 0.07)	0.002	0.184	0.011	0.021	0.609	0.01 (-0.03, 0.05)	0.020	0.024	0.404	0.02 (-0.03, 0.07)
4535_50	BST1	Q10588	211	0.026	0.010	0.012	0.03 (0.01, 0.05)	0.101	0.037	0.030	0.021	0.153	0.03 (-0.01, 0.07)	0.000	0.830	0.000	0.016	1.000	0.00e+00 (-0.03, 0.	-0.010	0.021	0.640	-0.01 (-0.05, 0.03)
6911_103	CLEC6A	Q6EIG7	211	0.029	0.012	0.012	0.03 (0.01, 0.05)	0.101	0.257	0.022	0.025	0.387	0.02 (-0.03, 0.07)	0.000	0.723	0.000	0.022	0.993	-2.02e-04 (-0.04, 0.	0.000	0.026	0.988	4.04e-04 (-0.05, 0.05)
9363_11	CT55	Q8WUE5	211	0.029	0.012	0.012	0.03 (0.01, 0.05)	0.101	0.184	-0.026	0.024	0.270	-0.03 (-0.07, 0.02)	0.003	0.007	0.004	0.023	0.856	4.12e-03 (-0.04, 0.0	0.010	0.023	0.644	0.01 (-0.03, 0.05)
8098_37	TBXAS1	P24557	211	0.032	0.013	0.013	0.03 (0.01, 0.06)	0.103	0.048	-0.016	0.025	0.522	-0.02 (-0.06, 0.03)	0.003	0.028	-0.001	0.020	0.977	-5.62e-04 (-0.04, 0.	-0.006	0.023	0.793	-0.01 (-0.05, 0.04)
3077_66	F10	P00742	211	0.039	0.015	0.013	0.04 (0.01, 0.07)	0.103	2.36E-08	-0.018	0.030	0.555	-0.02 (-0.08, 0.04)	0.004	0.031	0.013	0.022	0.567	0.01 (-0.03, 0.06)	0.012	0.024	0.625	0.01 (-0.04, 0.06)
6415_90	CPN2	P22792	211	0.037	0.015	0.013	0.04 (0.01, 0.07)	0.104	5.78E-05	-0.023	0.029	0.431	-0.02 (-0.08, 0.03)	0.004	0.018	0.014	0.026	0.592	0.01 (-0.04, 0.06)	0.019	0.023	0.419	0.02 (-0.03, 0.06)
11192_168	TINAGL1	Q9GZM7	211	-0.038	0.015	0.013	-0.04 (-0.07, -0.01)	0.107	9.89E-08	0.032	0.030	0.284	0.03 (-0.03, 0.09)	-0.004	0.007	0.002	0.021	0.931	1.79e-03 (-0.04, 0.0	0.011	0.024	0.648	0.01 (-0.04, 0.06)
3184_25	F7	P08709	211	0.036	0.014	0.013	0.04 (0.01, 0.06)	0.107	0.001	0.009	0.028	0.744	0.01 (-0.05, 0.06)	0.002	0.274	0.021	0.022	0.348	0.02 (-0.02, 0.06)	0.019	0.024	0.441	0.02 (-0.03, 0.07)
2788_55	MMP3	P08254	211	0.043	0.018	0.013	0.04 (0.01, 0.08)	0.107	7.75E-20	-0.012	0.035	0.721	-0.01 (-0.08, 0.06)	0.004	0.063	0.008	0.023	0.722	0.01 (-0.04, 0.05)	0.021	0.025	0.394	0.02 (-0.03, 0.07)
10514_5	PTGDS	P41222	211	0.030	0.012	0.013	0.03 (0.01, 0.05)	0.107	0.119	0.056	0.025	0.029	0.06 (0.01, 0.11)	-0.002	0.240	0.030	0.025	0.228	0.03 (-0.02, 0.08)	0.028	0.023	0.231	0.03 (-0.02, 0.07)
12621_55	PPP2R1A	P30153	211	-0.033	0.013	0.013	-0.03 (-0.06, -0.01)	0.107	0.007	-0.034	0.026	0.199	-0.03 (-0.09, 0.02)	0.000	0.960	-0.057	0.021	0.007	-0.06 (-0.10, -0.02)	-0.047	0.023	0.047	-0.05 (-0.09, -8.59e-04)
17775_8	TAGLN3	Q9UI15	211	-0.029	0.012	0.013	-0.03 (-0.05, -0.01)	0.108	0.916	-0.065	0.023	0.005	-0.07 (-0.11, -0.02)	0.002	0.067	-0.049	0.019	0.009	-0.05 (-0.09, -0.01)	-0.060	0.024	0.014	-0.06 (-0.11, -0.01)
5764_4	GALNT2	Q10471	211	0.029	0.012	0.013	0.03 (0.01, 0.05)	0.108	0.052	-0.036	0.025	0.147	-0.04 (-0.08, 0.01)	0.004	0.003	0.002	0.021	0.916	2.20e-03 (-0.04, 0.0	-0.004	0.024	0.862	-4.24e-03 (-0.05, 0.04)
7211_2	RNASE1	P07998	211	0.039	0.016	0.013	0.04 (0.01, 0.07)	0.108	1.10E-08	-0.019	0.031	0.547	-0.02 (-0.08, 0.04)	0.004	0.033	-0.003	0.024	0.900	-3.01e-03 (-0.05, 0.	0.002	0.028	0.952	1.69e-03 (-0.05, 0.06)
14178_18	CDKN3	Q16667	211	-0.034	0.014	0.014	-0.03 (-0.06, -0.01)	0.109	4.42E-05	-0.003	0.027	0.921	-2.70e-03 (-0.06, 0.05	-0.002	0.184	-0.040	0.025	0.106	-0.04 (-0.09, 0.01)	-0.032	0.025	0.213	-0.03 (-0.08, 0.02)
8299_66	LILRA4	P59901	211	0.031	0.013	0.014	0.03 (0.01, 0.06)	0.109	0.600	0.040	0.025	0.120	0.04 (-0.01, 0.09)	-0.001	0.710	0.011	0.025	0.666	0.01 (-0.04, 0.06)	0.018	0.024	0.457	0.02 (-0.03, 0.07)
10643_16	OLFM3	Q96PB7	211	0.029	0.012	0.014	0.03 (0.01, 0.05)	0.110	0.066	-0.025	0.024	0.304	-0.03 (-0.07, 0.02)	0.003	0.011	0.017	0.019	0.371	0.02 (-0.02, 0.06)	0.004	0.024	0.883	3.58e-03 (-0.04, 0.05)
14127_240	IFNB1	P01574	211	0.029	0.012	0.014	0.03 (0.01, 0.05)	0.110	0.267	-0.029	0.023	0.206	-0.03 (-0.07, 0.02)	0.004	0.004	-0.009	0.020	0.661	-0.01 (-0.05, 0.03)	-0.009	0.023	0.705	-0.01 (-0.05, 0.04)
16770_3	REG1B	P48304	211	0.033	0.013	0.014	0.03 (0.01, 0.06)	0.110	0.008	0.073	0.027	0.007	0.07 (0.02, 0.12)	-0.002	0.090	0.067	0.024	0.006	0.07 (0.02, 0.11)	0.089	0.027	0.001	0.09 (0.04, 0.14)
11239_49	TMPRSS6	Q8IU80	211	0.032	0.013	0.014	0.03 (0.01, 0.06)	0.112	1.73E-04	-0.034	0.025	0.182	-0.03 (-0.08, 0.02)	0.004	0.003	0.002	0.018	0.897	2.36e-03 (-0.03, 0.0	0.005	0.022	0.815	0.01 (-0.04, 0.05)
13990_1	PC	P11498	211	0.028	0.012	0.014	0.03 (0.01, 0.05)	0.113	0.498	-0.002	0.023	0.918	-2.37e-03 (-0.05, 0.04	0.002	0.121	0.016	0.024	0.502	0.02 (-0.03, 0.06)	0.017	0.026	0.507	0.02 (-0.03, 0.07)
7045_4	BNIP3	Q12983	211	0.028	0.012	0.014	0.03 (0.01, 0.05)	0.113	0.205	-0.039	0.023	0.094	-0.04 (-0.08, 0.01)	0.004	0.001	0.008	0.018	0.684	0.01 (-0.03, 0.04)	-0.012	0.025	0.651	-0.01 (-0.06, 0.04)
8786_6	FAM171B	Q6P995	211	0.028	0.012	0.014	0.03 (0.01, 0.05)	0.114	0.110	0.011	0.024	0.662	0.01 (-0.04, 0.06)	0.001	0.399	-0.015	0.022	0.484	-0.02 (-0.06, 0.03)	-0.010	0.024	0.677	-0.01 (-0.06, 0.04)
9918_23	CALB1	P05937	211	0.029	0.012	0.014	0.03 (0.01, 0.05)	0.114	0.096	0.012	0.025	0.625	0.01 (-0.04, 0.06)	0.001	0.439	0.017	0.024	0.482	0.02 (-0.03, 0.06)	0.016	0.025	0.522	0.02 (-0.03, 0.07)
15472_16	LRP11	Q86VZ4	211	0.033	0.013	0.014	0.03 (0.01, 0.06)	0.114	0.001	0.020	0.027	0.464	0.02 (-0.03, 0.07)	0.001	0.567	0.010	0.025	0.679	0.01 (-0.04, 0.06)	0.013	0.024	0.596	0.01 (-0.03, 0.06)
8394_56	RNASE2	P10153	211	0.028	0.012	0.015	0.03 (0.01, 0.05)	0.115	0.250	-0.018	0.024	0.447	-0.02 (-0.06, 0.03)	0.003	0.024	0.014	0.019	0.467	0.01 (-0.02, 0.05)	-0.007	0.024	0.771	-0.01 (-0.05, 0.04)
19261_12	SDCBP2	Q9H190	211	0.033	0.013	0.015	0.03 (0.01, 0.06)	0.116	0.014	-0.046	0.026	0.074	-0.05 (-0.10, 4.20e-03	0.005	4.90E-04	-0.008	0.019	0.673	-0.01 (-0.04, 0.03)	-0.050	0.027	0.064	-0.05 (-0.10, 2.56e-03)
3059_50	TNFSF13B	Q9Y275	211	0.033	0.013	0.015	0.03 (0.01, 0.06)	0.116	0.010	-0.032	0.026	0.226	-0.03 (-0.08, 0.02)	0.004	0.005	-0.015	0.021	0.482	-0.01 (-0.06, 0.03)	-0.017	0.025	0.505	-0.02 (-0.07, 0.03)
6421_52	IFNA16	P05015	211	0.032	0.013	0.015	0.03 (0.01, 0.06)	0.116	0.008	-0.016	0.025	0.519	-0.02 (-0.07, 0.03)	0.003	0.029	0.002	0.022	0.940	1.68e-03 (-0.04, 0.0	0.005	0.023	0.831	4.87e-03 (-0.04, 0.05)
13939_14	UGP2	Q16851	211	0.032	0.013	0.015	0.03 (0.01, 0.06)	0.117	0.012	-0.014	0.026	0.599	-0.01 (-0.06, 0.04)	0.003	0.043	0.015	0.023	0.530	0.01 (-0.03, 0.06)	0.023	0.025	0.365	0.02 (-0.03, 0.07)
8465_52	CTSH	P09668	211	0.036	0.015	0.015	0.04 (0.01, 0.06)	0.117	2.40E-09	0.015	0.030	0.607	0.02 (-0.04, 0.07)	0.001	0.432	0.000	0.020	0.992	-1.98e-04 (-0.04, 0.	-0.002	0.025	0.950	-1.60e-03 (-0.05, 0.05)
8864_59	CENPW	Q5EE01	211	0.032	0.013	0.015	0.03 (0.01, 0.06)	0.117	0.021	-0.034	0.026	0.181	-0.03 (-0.08, 0.02)	0.004	0.003	0.009	0.022	0.684	0.01 (-0.03, 0.05)	0.008	0.023	0.722	0.01 (-0.04, 0.05)
8074_32	TMEM70	Q9BUB7	211	0.029	0.012	0.015	0.03 (0.01, 0.05)	0.118	0.173	0.005	0.025	0.830	0.01 (-0.04, 0.05)	0.001	0.270	0.015	0.025	0.560	0.01 (-0.03, 0.06)	0.020	0.025	0.440	0.02 (-0.03, 0.07)
13580_2	UAP1	Q16222	211	0.028	0.012	0.015	0.03 (0.01, 0.05)	0.118	0.052	-0.033	0.024	0.172	-0.03 (-0.08, 0.01)	0.004	0.004	0.003	0.020	0.885	2.92e-03 (-0.04, 0.0	-0.007	0.024	0.764	-0.01 (-0.05, 0.04)
4559_64	KYNU	Q16719	211	0.034	0.014	0.015	0.03 (0.01, 0.06)	0.118	1.19E-04	-0.051	0.027	0.061	-0.05 (-0.10, 2.12e-03	0.005	3.50E-04	0.023	0.019	0.220	0.02 (-0.01, 0.06)	0.004	0.024	0.854	4.35e-03 (-0.04, 0.05)
10086_39	CBS	P35520	211	0.028	0.012	0.015	0.03 (0.01, 0.05)	0.119	0.071	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)	0.003	0.014	0.002	0.019	0.901	2.37e-03 (-0.03, 0.0	0.005	0.023	0.830	4.93e-03 (-0.04, 0.05)
6627_25	PNLIPRP1	P54315	211	0.083	0.034	0.015	0.08 (0.02, 0.15)	0.119	8.66E-225	0.153	0.068	0.025	0.15 (0.02, 0.29)	-0.004	0.235	0.110	0.022	9.57E-07	0.11 (0.07, 0.15)	0.136	0.027	0.000	0.14 (0.08, 0.19)
15315_64	CUTC	Q9NTM9	211	0.028	0.012	0.016	0.03 (0.01, 0.05)	0.120	0.230	-0.022	0.024	0.355	-0.02 (-0.07, 0.02)	0.003	0.015	0.022	0.024	0.378	0.02 (-0.03, 0.07)	0.028	0.024	0.243	0.03 (-0.02, 0.08)
3079_62	RARRES2	Q99969	211	0.037	0.015	0.015	0.04 (0.01, 0.07)	0.120	4.10E-07	-0.059	0.029	0.044	-0.06 (-0.12, -1.89e-0	0.006	2.02E-04	-0.004	0.024	0.884	-3.56e-03 (-0.05, 0.	-0.006	0.031	0.851	-0.01 (-0.07, 0.06)
6081_52	PCOLCE2	Q9UKZ9	211	-0.033	0.014	0.016	-0.03 (-0.06, -0.01)	0.120	0.008	-0.055	0.027	0.045	-0.06 (-0.11, -1.67e-0	0.001	0.354	-0.009	0.022	0.692	-0.01 (-0.05, 0.03)	-0.012	0.029	0.685	-0.01 (-0.07, 0.05)
9107_59	ARMC10	Q8N2F6	211	0.031	0.013	0.016	0.03 (0.01, 0.06)	0.120	0.011	-0.019	0.026	0.454	-0.02 (-0.07, 0.03)	0.003	0.023	-0.012	0.022	0.572	-0.01 (-0.06, 0.03)	-0.010	0.025	0.675	-0.01 (-0.06, 0.04)
8306_54	PRRG1	O14668	211	0.029	0.012	0.016	0.03 (0.01, 0.05)	0.120	0.081	-0.017	0.025	0.493	-0.02 (-0.07, 0.03)	0.003	0.039	0.010	0.022	0.654	0.01 (-0.03, 0.05)	0.015	0.024	0.523	0.02 (-0.03, 0.06)
12934_1	HERC5	Q9UII4	211	0.036	0.015	0.016	0.04 (0.01, 0.06)	0.120	6.90E-07	-0.008	0.029	0.773	-0.01 (-0.07, 0.05)	0.003	0.080	0.017	0.019	0.374	0.02 (-0.02, 0.05)	0.014	0.024	0.555	0.01 (-0.03, 0.06)
16081_38	AKR1B10	O60218	211	0.036	0.015	0.016	0.04 (0.01, 0.07)	0.120	1.63E-07	-0.046	0.029	0.118	-0.05 (-0.10, 0.01)	0.005	0.001	0.011	0.023	0.636	0.01 (-0.03, 0.06)	0.016	0.022	0.477	0.02 (-0.03, 0.06)
5757_45	GNAS	O95467	211	0.028	0.012	0.016	0.03 (0.01, 0.05)	0.121	0.145	-0.034	0.024	0.154	-0.03 (-0.08, 0.01)	0.004	0.003	0.001	0.019	0.959	9.87e-04 (-0.04, 0.0	-0.018	0.028	0.512	-0.02 (-0.07, 0.04)
5584_21	TCN2	P20062	211	0.029	0.012	0.016	0.03 (0.01, 0.05)	0.121	0.168	-0.012	0.025	0.646	-0.01 (-0.06, 0.04)	0.003	0.060	-0.005	0.024	0.841	-4.79e-03 (-0.05, 0.	-0.005	0.025	0.849	-4.72e-03 (-0.05, 0.04)
5636_10	MFAP4	P55083	211	0.035	0.014	0.016	0.03 (0.01, 0.06)	0.121	1.69E-04	0.088	0.028	0.002	0.09 (0.03, 0.14)	-0.003	0.031	0.057	0.026	0.026	0.06 (0.01, 0.11)	0.050	0.024	0.038	0.05 (3.17e-03, 0.10)
8697_38	GPC1	P35052	211	0.032	0.013	0.016	0.03 (0.01, 0.06)	0.123	0.034	-0.024	0.026	0.355	-0.02 (-0.07, 0.03)	0.003	0.013	0.007	0.021	0.750	0.01 (-0.03, 0.05)	-0.002	0.025	0.927	-2.29e-03 (-0.05, 0.05)
10615_18	MPZ	P25189	211	-0.032	0.013	0.016	-0.03 (-0.06, -0.01)	0.123	0.046	0.020	0.026	0.449	0.02 (-0.03, 0.07)	-0.003	0.023	0.006	0.021	0.788	0.01 (-0.04, 0.05)	0.010	0.026	0.696	0.01 (-0.04, 0.06)
5643_2	LCN8	Q6JVE9	211	0.027	0.011	0.017	0.03 (4.95e-03, 0.05)	0.127	0.316	-0.003	0.023	0.891	-3.19e-03 (-0.05, 0.04	0.002	0.128	-0.005	0.023	0.817	-0.01 (-0.05, 0.04)	-0.002	0.022	0.943	-1.55e-03 (-0.04, 0.04)
8877_22	EVA1C	P58658	211	0.028	0.012	0.017	0.03 (0.01, 0.05)	0.127	0.314	-0.023	0.023	0.322	-0.02 (-0.07, 0.02)	0.003	0.012	0.007	0.021	0.752	0.01 (-0.03, 0.05)	-0.004	0.025	0.864	-4.32e-03 (-0.05, 0.05)
10695_12	WFDC10B	Q8IUB3	211	0.028	0.012	0.017	0.03 (4.95e-03, 0.05)	0.128	0.253	-0.014	0.024	0.556	-0.01 (-0.06, 0.03)	0.003	0.043	0.001	0.020	0.976	5.84e-04 (-0.04, 0.0	-0.013	0.024	0.593	-0.01 (-0.06, 0.03)
2952_75	IGF1	P05019	211	0.033	0.014	0.017	0.03 (0.01, 0.06)	0.128	0.001	0.047	0.027	0.085	0.05 (-0.01, 0.10)	-0.001	0.543	0.051	0.022	0.019	0.05 (0.01, 0.09)	0.043	0.023	0.056	0.04 (-8.66e-04, 0.09)
18304_19	BCCIP	Q9P287	211	0.031	0.013	0.017	0.03 (0.01, 0.06)	0.130	0.017	-0.051	0.025	0.043	-0.05 (-0.10, -1.80e-0	0.005	1.97E-04	0.007	0.020	0.723	0.01 (-0.03, 0.05)	-0.008	0.024	0.745	-0.01 (-0.05, 0.04)
7986_98	NAALAD2	Q9Y3Q0	211	0.031	0.013	0.017	0.03 (0.01, 0.06)	0.130	0.040	0.014	0.026	0.581	0.01 (-0.04, 0.06)	0.001	0.455	0.012	0.019	0.549	0.01 (-0.03, 0.05)	-0.002	0.025	0.929	-2.21e-03 (-0.05, 0.05)
18376_19	MYL3	P08590	211	0.036	0.015	0.017	0.04 (0.01, 0.07)	0.131	2.52E-07	-0.014	0.030	0.648	-0.01 (-0.07, 0.04)	0.003	0.053	-0.004	0.026	0.865	-4.40e-03 (-0.06, 0.	-0.024	0.027	0.377	-0.02 (-0.08, 0.03)
12735_39	CSDE1	O75534	211	0.028	0.012	0.017	0.03 (4.87e-03, 0.05)	0.131	0.118	-0.028	0.024	0.242	-0.03 (-0.08, 0.02)	0.004	0.008	0.007	0.019	0.712	0.01 (-0.03, 0.04)	0.002	0.023	0.942	1.69e-03 (-0.04, 0.05)
18932_84	NMNAT1	Q9HAN9	211	0.028	0.012	0.018	0.03 (4.79e-03, 0.05)	0.133	0.072	-0.028	0.025	0.262	-0.03 (-0.08, 0.02)	0.003	0.010	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)	-0.007	0.022	0.770	-0.01 (-0.05, 0.04)
12686_15	MPST	P25325	211	-0.029	0.012	0.018	-0.03 (-0.05, -0.01)	0.133	0.128	-0.033	0.026	0.193	-0.03 (-0.08, 0.02)	0.000	0.842	-0.025	0.024	0.303	-0.03 (-0.07, 0.02)	-0.038	0.024	0.115	-0.04 (-0.09, 0.01)
5803_24	C3	P01024	211	0.028	0.012	0.018	0.03 (4.89e-03, 0.05)	0.133	0.292	0.007	0.024	0.785	0.01 (-0.04, 0.05)	0.001	0.304	0.027	0.024	0.244	0.03 (-0.02, 0.07)	0.031	0.024	0.203	0.03 (-0.02, 0.08)
19623_26	RPSA	P08865	211	0.027	0.012	0.018	0.03 (4.74e-03, 0.05)	0.133	0.156	-0.023	0.024	0.336	-0.02 (-0.07, 0.02)	0.003	0.015	-0.008	0.019	0.670	-0.01 (-0.05, 0.03)	-0.011	0.024	0.650	-0.01 (-0.06, 0.04)
7927_16	ST6GALNA	Q9BVH7	211	0.027	0.012	0.018	0.03 (4.68e-03, 0.05)	0.134	0.152	0.017	0.024	0.484	0.02 (-0.03, 0.06)	0.001	0.617	0.009	0.023	0.702	0.01 (-0.04, 0.05)	0.012	0.024	0.632	0.01 (-0.04, 0.06)
6434_18	AOC2	O75106	211	0.027	0.011	0.018	0.03 (4.61e-03, 0.05)	0.136	0.850	-0.017	0.023	0.458	-0.02 (-0.06, 0.03)	0.003	0.027	0.003	0.018	0.856	3.33e-03 (-0.03, 0.0	-0.014	0.023	0.547	-0.01 (-0.06, 0.03)
6334_9	GGT2	P36268	211	0.077	0.032	0.018	0.08 (0.01, 0.14)	0.136	7.19E-194	0.013	0.064	0.843	0.01 (-0.11, 0.14)	0.004	0.248	0.015	0.021	0.487	0.01 (-0.03, 0.06)	0.006	0.022	0.795	0.01 (-0.04, 0.05)
11565_58	ZNF23	P17027	211	0.026	0.011	0.018	0.03 (4.46e-03, 0.05)	0.136	0.095	0.017	0.024	0.486	0.02 (-0.03, 0.06)	0.001	0.634	0.023	0.021	0.271	0.02 (-0.02, 0.06)	0.018	0.022	0.406	0.02 (-0.02, 0.06)
11320_29	CHFR	Q96EP1	211	0.028	0.012	0.018	0.03 (4.69e-03, 0.05)	0.137	0.196	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)	0.004	0.002	-0.004	0.021	0.844	-4.15e-03 (-0.05, 0.	-0.006	0.023	0.790	-0.01 (-0.05, 0.04)
13474_40	GSTK1	Q9Y2Q3	211	-0.028	0.012	0.019	-0.03 (-0.05, -4.72e-0	0.137	0.642	-0.045	0.024	0.060	-0.04 (-0.09, 1.56e-03	0.001	0.414	-0.051	0.024	0.031	-0.05 (-0.10, -4.62e-	-0.042	0.026	0.113	-0.04 (-0.09, 0.01)
18170_46	PYCR1	P32322	211	0.027	0.012	0.018	0.03 (4.57e-03, 0.05)	0.137	0.500	-0.002	0.023	0.939	-1.73e-03 (-0.05, 0.04	0.002	0.143	0.018	0.025	0.478	0.02 (-0.03, 0.07)	0.024	0.023	0.308	0.02 (-0.02, 0.07)
18187_16	ASPA	P45381	211	0.030	0.013	0.018	0.03 (0.01, 0.06)	0.137	0.012	-0.016	0.025	0.522	-0.02 (-0.07, 0.03)	0.003	0.034	0.015	0.025	0.537	0.02 (-0.03, 0.06)	0.012	0.023	0.595	0.01 (-0.03, 0.06)
3290_50	CD109	Q6YHK3	211	0.032	0.013	0.019	0.03 (0.01, 0.06)	0.139	5.99E-05	0.081	0.026	0.002	0.08 (0.03, 0.13)	-0.003	0.032	0.037	0.024	0.134	0.04 (-0.01, 0.08)	0.032	0.023	0.163	0.03 (-0.01, 0.08)
9932_49	SEMA4F	O95754	211	0.027	0.012	0.019	0.03 (4.51e-03, 0.05)	0.139	0.568	-0.020	0.023	0.380	-0.02 (-0.07, 0.03)	0.003	0.018	0.011	0.024	0.648	0.01 (-0.04, 0.06)	0.004	0.022	0.862	3.86e-03 (-0.04, 0.05)
18900_37	HRAS	P01112	211	0.031	0.013	0.019	0.03 (0.01, 0.06)	0.140	0.010	-0.025	0.026	0.339	-0.02 (-0.08, 0.03)	0.004	0.014	0.005	0.019	0.794	4.98e-03 (-0.03, 0.0	-0.009	0.023	0.710	-0.01 (-0.05, 0.04)
3179_51	CTSA	P10619	211	0.039	0.017	0.019	0.04 (0.01, 0.07)	0.140	1.81E-13	-0.039	0.032	0.226	-0.04 (-0.10, 0.02)	0.005	0.006	0.031	0.021	0.135	0.03 (-0.01, 0.07)	-0.002	0.024	0.940	-1.79e-03 (-0.05, 0.04)
5139_32	UNC5C	O95185	211	0.031	0.013	0.019	0.03 (0.01, 0.06)	0.142	0.018	0.058	0.026	0.028	0.06 (0.01, 0.11)	-0.002	0.231	0.050	0.026	0.051	0.05 (-1.26e-04, 0.1	0.055	0.025	0.028	0.05 (0.01, 0.10)
5936_53	TNF	P01375	211	0.027	0.012	0.019	0.03 (4.39e-03, 0.05)	0.142	0.302	-0.021	0.023	0.364	-0.02 (-0.07, 0.02)	0.003	0.016	0.005	0.021	0.829	4.51e-03 (-0.04, 0.0	0.005	0.022	0.804	0.01 (-0.04, 0.05)
5698_60	TNXB	P22105	211	-0.036	0.015	0.019	-0.04 (-0.07, -0.01)	0.142	2.16E-09	-0.003	0.030	0.931	-2.62e-03 (-0.06, 0.06	-0.002	0.208	-0.021	0.024	0.373	-0.02 (-0.07, 0.03)	-0.027	0.023	0.241	-0.03 (-0.07, 0.02)
12514_16	METTL1	Q9UBP6	211	0.040	0.017	0.020	0.04 (0.01, 0.07)	0.143	4.92E-17	-0.032	0.033	0.332	-0.03 (-0.10, 0.03)	0.005	0.013	-0.006	0.022	0.781	-0.01 (-0.05, 0.04)	0.001	0.025	0.966	1.08e-03 (-0.05, 0.05)
16753_46	COL6A2	P12110	211	0.028	0.012	0.020	0.03 (4.43e-03, 0.05)	0.143	0.205	-0.017	0.024	0.484	-0.02 (-0.06, 0.03)	0.003	0.035	0.014	0.020	0.477	0.01 (-0.02, 0.05)	-0.008	0.027	0.757	-0.01 (-0.06, 0.04)
19196_73	HOPX	Q9BPY8	211	0.027	0.012	0.020	0.03 (4.32e-03, 0.05)	0.143	0.168	-0.022	0.024	0.348	-0.02 (-0.07, 0.02)	0.003	0.017	-0.005	0.021	0.807	-0.01 (-0.05, 0.04)	-0.012	0.024	0.627	-0.01 (-0.06, 0.04)
4991_12	GPC5	P78333	211	-0.031	0.013	0.020	-0.03 (-0.06, -4.93e-0	0.143	0.005	-0.051	0.026	0.052	-0.05 (-0.10, 1.78e-04	0.001	0.368	-0.034	0.025	0.170	-0.03 (-0.08, 0.01)	-0.042	0.023	0.069	-0.04 (-0.09, 3.07e-03)
5013_2	CLIC1	O00299	211	-0.028	0.012	0.020	-0.03 (-0.05, -4.41e-0	0.143	0.360	-0.029	0.024	0.235	-0.03 (-0.08, 0.02)	0.000	0.961	-0.014	0.025	0.573	-0.01 (-0.06, 0.03)	-0.018	0.027	0.493	-0.02 (-0.07, 0.03)
10818_36	SMPD1	P17405	211	0.039	0.017	0.020	0.04 (0.01, 0.07)	0.144	3.58E-14	-0.003	0.033	0.927	-3.06e-03 (-0.07, 0.06	0.003	0.143	-0.001	0.021	0.959	-1.06e-03 (-0.04, 0.	-0.026	0.027	0.335	-0.03 (-0.08, 0.03)
14005_2	CHD7	Q9P2D1	211	0.027	0.012	0.020	0.03 (4.30e-03, 0.05)	0.144	0.415	-0.027	0.023	0.245	-0.03 (-0.07, 0.02)	0.003	0.007	0.015	0.025	0.550	0.01 (-0.03, 0.06)	0.010	0.023	0.649	0.01 (-0.03, 0.05)
8923_94	GALNT16	Q8N428	211	0.035	0.015	0.020	0.03 (0.01, 0.06)	0.144	5.55E-07	0.056	0.030	0.062	0.06 (-2.54e-03, 0.11)	-0.001	0.418	0.028	0.022	0.209	0.03 (-0.02, 0.07)	0.029	0.025	0.238	0.03 (-0.02, 0.08)
13236_25	WNT3A	P56704	211	0.036	0.015	0.020	0.04 (0.01, 0.07)	0.144	5.48E-09	-0.025	0.030	0.416	-0.02 (-0.08, 0.03)	0.004	0.022	0.030	0.024	0.214	0.03 (-0.02, 0.08)	0.031	0.024	0.204	0.03 (-0.02, 0.08)
13499_30	F8	P00451	211	0.030	0.013	0.020	0.03 (4.75e-03, 0.06)	0.144	0.050	0.028	0.026	0.287	0.03 (-0.02, 0.08)	0.000	0.910	0.015	0.024	0.524	0.02 (-0.03, 0.06)	0.024	0.025	0.332	0.02 (-0.02, 0.07)
3191_50	WFIKKN1	Q96NZ8	211	0.028	0.012	0.020	0.03 (4.38e-03, 0.05)	0.145	0.385	-0.010	0.024	0.664	-0.01 (-0.06, 0.04)	0.002	0.067	0.015	0.023	0.526	0.01 (-0.03, 0.06)	0.018	0.025	0.473	0.02 (-0.03, 0.07)
15314_49	CLIC4	Q9Y696	211	-0.028	0.012	0.020	-0.03 (-0.05, -4.39e-0	0.146	0.153	-0.031	0.025	0.220	-0.03 (-0.08, 0.02)	0.000	0.894	-0.038	0.023	0.091	-0.04 (-0.08, 0.01)	-0.038	0.025	0.135	-0.04 (-0.09, 0.01)
17370_186	ABHD10	Q9NUJ1	211	-0.027	0.012	0.020	-0.03 (-0.05, -4.19e-0	0.146	0.556	-0.038	0.023	0.102	-0.04 (-0.08, 0.01)	0.001	0.586	-0.046	0.023	0.046	-0.05 (-0.09, -7.38e-	-0.047	0.023	0.039	-0.05 (-0.09, -2.74e-03)
13125_45	VTN	P04004	211	0.027	0.012	0.020	0.03 (4.22e-03, 0.05)	0.146	2.32E-06	0.001	0.023	0.955	1.33e-03 (-0.04, 0.05)	0.002	0.201	0.035	0.018	0.055	0.03 (-7.50e-04, 0.0	0.027	0.018	0.137	0.03 (-0.01, 0.06)
13961_18	KIF3A	Q9Y496	211	0.034	0.015	0.021	0.03 (0.01, 0.06)	0.146	9.46E-06	-0.042	0.028	0.146	-0.04 (-0.10, 0.01)	0.005	0.002	0.000	0.021	0.994	-1.71e-04 (-0.04, 0.	0.001	0.022	0.978	6.32e-04 (-0.04, 0.04)
14294_61	MBD1	Q9UIS9	211	0.033	0.014	0.020	0.03 (0.01, 0.06)	0.146	6.21E-06	-0.022	0.028	0.440	-0.02 (-0.08, 0.03)	0.003	0.025	0.012	0.019	0.540	0.01 (-0.03, 0.05)	-0.004	0.024	0.872	-3.90e-03 (-0.05, 0.04)
8817_29	CENPV	Q7Z7K6	211	0.030	0.013	0.020	0.03 (4.60e-03, 0.06)	0.146	0.038	-0.011	0.025	0.678	-0.01 (-0.06, 0.04)	0.003	0.066	-0.006	0.021	0.786	-0.01 (-0.05, 0.04)	0.003	0.023	0.896	3.03e-03 (-0.04, 0.05)
9981_18	KIAA1467	A2RU67	211	0.027	0.012	0.021	0.03 (4.21e-03, 0.05)	0.146	0.071	0.019	0.025	0.442	0.02 (-0.03, 0.07)	0.000	0.715	0.029	0.025	0.239	0.03 (-0.02, 0.08)	0.031	0.023	0.186	0.03 (-0.01, 0.08)
15305_7	SCGN	O76038	211	0.031	0.013	0.021	0.03 (4.67e-03, 0.06)	0.147	0.004	0.054	0.026	0.041	0.05 (2.46e-03, 0.10)	-0.001	0.306	0.025	0.025	0.322	0.03 (-0.02, 0.07)	0.024	0.026	0.340	0.02 (-0.03, 0.07)
6086_15	CHRDL2	Q6WN34	211	0.031	0.013	0.021	0.03 (4.70e-03, 0.06)	0.147	0.011	0.036	0.026	0.178	0.04 (-0.02, 0.09)	0.000	0.828	0.035	0.021	0.099	0.03 (-0.01, 0.08)	0.021	0.024	0.386	0.02 (-0.03, 0.07)
8039_41	FAM177A1	Q8N128	211	-0.033	0.014	0.021	-0.03 (-0.06, -0.01)	0.147	1.41E-05	0.014	0.028	0.615	0.01 (-0.04, 0.07)	-0.003	0.054	-0.001	0.021	0.952	-1.29e-03 (-0.04, 0.	-0.008	0.027	0.761	-0.01 (-0.06, 0.05)
8992_1	TMEM2	Q9UHN6	211	0.031	0.013	0.021	0.03 (4.69e-03, 0.06)	0.147	0.006	0.000	0.026	0.994	-1.90e-04 (-0.05, 0.05	0.002	0.175	0.014	0.019	0.453	0.01 (-0.02, 0.05)	0.000	0.025	0.994	-2.02e-04 (-0.05, 0.05)
9335_28	PSG9	Q00887	211	0.027	0.012	0.021	0.03 (4.06e-03, 0.05)	0.147	0.820	0.015	0.023	0.510	0.02 (-0.03, 0.06)	0.001	0.562	0.009	0.024	0.723	0.01 (-0.04, 0.06)	0.012	0.025	0.633	0.01 (-0.04, 0.06)
2943_5	CYP3A4	P08684	211	0.038	0.017	0.021	0.04 (0.01, 0.07)	0.148	3.71E-12	-0.030	0.032	0.350	-0.03 (-0.09, 0.03)	0.004	0.015	0.030	0.025	0.239	0.03 (-0.02, 0.08)	0.031	0.024	0.191	0.03 (-0.02, 0.08)
5813_58	EPO	P01588	211	0.033	0.014	0.021	0.03 (4.87e-03, 0.06)	0.150	5.78E-05	-0.026	0.028	0.356	-0.03 (-0.08, 0.03)	0.004	0.016	0.000	0.022	1.000	0.00e+00 (-0.04, 0.	0.005	0.022	0.806	0.01 (-0.04, 0.05)
7198_197	FAM20B	O75063	211	-0.034	0.015	0.021	-0.03 (-0.06, -5.00e-0	0.150	1.30E-05	-0.023	0.029	0.432	-0.02 (-0.08, 0.03)	-0.001	0.667	-0.051	0.024	0.033	-0.05 (-0.10, -4.09e-	-0.045	0.026	0.088	-0.05 (-0.10, 0.01)
18312_68	NDRG3	Q9UGV2	211	-0.030	0.013	0.021	-0.03 (-0.06, -4.45e-0	0.150	0.009	-0.029	0.026	0.259	-0.03 (-0.08, 0.02)	0.000	0.975	-0.024	0.025	0.334	-0.02 (-0.07, 0.02)	-0.034	0.024	0.155	-0.03 (-0.08, 0.01)
8369_102	DAG1	Q14118	211	0.027	0.012	0.021	0.03 (4.00e-03, 0.05)	0.150	0.560	-0.015	0.023	0.523	-0.01 (-0.06, 0.03)	0.003	0.038	0.005	0.020	0.812	4.82e-03 (-0.03, 0.0	0.003	0.023	0.880	3.41e-03 (-0.04, 0.05)
4471_50	TGM3	Q08188	211	-0.039	0.017	0.021	-0.04 (-0.07, -0.01)	0.150	4.48E-16	-0.040	0.033	0.234	-0.04 (-0.11, 0.03)	0.000	0.966	-0.021	0.025	0.404	-0.02 (-0.07, 0.03)	-0.020	0.025	0.414	-0.02 (-0.07, 0.03)
8086_49	ITM2B	Q9Y287	211	0.044	0.019	0.021	0.04 (0.01, 0.08)	0.150	1.27E-25	-0.034	0.038	0.374	-0.03 (-0.11, 0.04)	0.005	0.019	0.030	0.023	0.195	0.03 (-0.02, 0.08)	0.024	0.027	0.364	0.02 (-0.03, 0.08)
2888_49	C7	P10643	211	0.031	0.013	0.022	0.03 (4.53e-03, 0.06)	0.151	0.021	0.061	0.026	0.022	0.06 (0.01, 0.11)	-0.002	0.187	0.042	0.026	0.105	0.04 (-0.01, 0.09)	0.046	0.026	0.085	0.05 (-0.01, 0.10)
3332_57	HFE2	Q6ZVN8	211	0.027	0.012	0.022	0.03 (4.03e-03, 0.05)	0.151	0.058	-0.003	0.026	0.902	-3.15e-03 (-0.05, 0.05	0.002	0.166	-0.002	0.022	0.918	-2.26e-03 (-0.05, 0.	-0.003	0.025	0.894	-3.29e-03 (-0.05, 0.05)
8064_125	PVR	P15151	211	0.026	0.011	0.022	0.03 (3.83e-03, 0.05)	0.152	0.079	-0.032	0.024	0.179	-0.03 (-0.08, 0.01)	0.004	0.005	-0.004	0.023	0.875	-3.61e-03 (-0.05, 0.	0.004	0.022	0.847	4.30e-03 (-0.04, 0.05)
10435_2	AGA	P20933	211	0.030	0.013	0.022	0.03 (4.36e-03, 0.06)	0.154	0.005	-0.029	0.027	0.279	-0.03 (-0.08, 0.02)	0.004	0.011	0.010	0.023	0.663	0.01 (-0.04, 0.06)	0.013	0.024	0.604	0.01 (-0.03, 0.06)
14100_63	C1QC	P02747	211	0.028	0.012	0.022	0.03 (3.97e-03, 0.05)	0.154	0.145	-0.011	0.025	0.660	-0.01 (-0.06, 0.04)	0.002	0.077	0.000	0.025	0.997	-1.06e-04 (-0.05, 0.	0.007	0.025	0.796	0.01 (-0.04, 0.06)
18910_45	LIN7A	O14910	211	0.027	0.012	0.022	0.03 (3.80e-03, 0.05)	0.154	0.320	-0.020	0.023	0.398	-0.02 (-0.07, 0.03)	0.003	0.022	0.013	0.020	0.529	0.01 (-0.03, 0.05)	-0.001	0.023	0.968	-9.54e-04 (-0.05, 0.04)
9180_6	IFNGR2	P38484	211	0.027	0.012	0.022	0.03 (3.82e-03, 0.05)	0.154	0.107	-0.017	0.025	0.498	-0.02 (-0.07, 0.03)	0.003	0.049	0.013	0.021	0.518	0.01 (-0.03, 0.05)	0.021	0.025	0.404	0.02 (-0.03, 0.07)
5731_1	SPINK6	Q6UWN8	211	0.029	0.013	0.022	0.03 (4.16e-03, 0.05)	0.155	0.005	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)	0.004	0.002	-0.016	0.019	0.407	-0.02 (-0.05, 0.02)	-0.036	0.024	0.137	-0.04 (-0.08, 0.01)
11135_5	MRPL55	Q7Z7F7	211	-0.026	0.011	0.023	-0.03 (-0.05, -3.65e-0	0.157	0.663	-0.043	0.023	0.058	-0.04 (-0.09, 1.27e-03	0.001	0.383	-0.064	0.021	0.002	-0.06 (-0.10, -0.02)	-0.068	0.023	0.003	-0.07 (-0.11, -0.02)
8397_147	QSOX2	Q6ZRP7	211	0.026	0.011	0.023	0.03 (3.64e-03, 0.05)	0.157	0.077	0.040	0.024	0.105	0.04 (-0.01, 0.09)	-0.001	0.521	0.011	0.022	0.625	0.01 (-0.03, 0.06)	0.023	0.025	0.353	0.02 (-0.03, 0.07)
12706_2	CDC42BPA	Q5VT25	211	-0.026	0.012	0.023	-0.03 (-0.05, -3.68e-0	0.157	0.477	-0.052	0.023	0.024	-0.05 (-0.10, -0.01)	0.002	0.196	-0.050	0.023	0.031	-0.05 (-0.09, -4.61e-	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)
16300_4	TREM2	Q9NZC2	211	0.032	0.014	0.023	0.03 (4.39e-03, 0.06)	0.159	2.07E-05	-0.003	0.028	0.906	-3.29e-03 (-0.06, 0.05	0.002	0.146	0.001	0.024	0.977	6.73e-04 (-0.05, 0.0	-0.009	0.025	0.706	-0.01 (-0.06, 0.04)
6713_4	LRP11	Q86VZ4	211	0.027	0.012	0.023	0.03 (3.76e-03, 0.05)	0.159	4.39E-04	-0.011	0.024	0.639	-0.01 (-0.06, 0.04)	0.002	0.061	-0.009	0.021	0.655	-0.01 (-0.05, 0.03)	-0.017	0.021	0.425	-0.02 (-0.06, 0.02)
6647_55	UBC	P0CG48	211	0.027	0.012	0.023	0.03 (3.65e-03, 0.05)	0.160	0.174	-0.023	0.024	0.333	-0.02 (-0.07, 0.02)	0.003	0.017	-0.012	0.019	0.539	-0.01 (-0.05, 0.03)	-0.020	0.024	0.398	-0.02 (-0.07, 0.03)
18380_78	ALB	P02768	211	-0.035	0.015	0.023	-0.03 (-0.07, -4.72e-0	0.160	5.60E-10	0.029	0.030	0.334	0.03 (-0.03, 0.09)	-0.004	0.015	0.018	0.020	0.367	0.02 (-0.02, 0.06)	0.021	0.022	0.348	0.02 (-0.02, 0.07)
4979_34	DPT	Q07507	211	0.032	0.014	0.023	0.03 (4.29e-03, 0.06)	0.160	2.18E-04	0.009	0.027	0.749	0.01 (-0.04, 0.06)	0.002	0.314	0.003	0.024	0.895	3.14e-03 (-0.04, 0.0	0.001	0.025	0.980	6.47e-04 (-0.05, 0.05)
5630_48	CD300A	Q9UGN4	211	0.028	0.012	0.023	0.03 (3.72e-03, 0.05)	0.160	0.247	0.005	0.025	0.856	4.51e-03 (-0.04, 0.05)	0.001	0.284	0.019	0.020	0.340	0.02 (-0.02, 0.06)	-0.004	0.027	0.878	-4.10e-03 (-0.06, 0.05)
9412_52	ACVR2B	Q13705	211	0.027	0.012	0.023	0.03 (3.59e-03, 0.05)	0.160	0.104	-0.019	0.024	0.437	-0.02 (-0.07, 0.03)	0.003	0.031	0.006	0.023	0.800	0.01 (-0.04, 0.05)	0.007	0.021	0.752	0.01 (-0.04, 0.05)
8840_61	C1S	P09871	211	0.027	0.012	0.024	0.03 (3.70e-03, 0.05)	0.160	0.075	-0.003	0.026	0.902	-3.18e-03 (-0.05, 0.05	0.002	0.170	0.018	0.025	0.482	0.02 (-0.03, 0.07)	0.015	0.025	0.543	0.02 (-0.03, 0.06)
18896_23	HS6ST3	Q8IZP7	211	-0.034	0.015	0.024	-0.03 (-0.06, -4.49e-0	0.162	1.10E-06	0.048	0.029	0.096	0.05 (-0.01, 0.10)	-0.005	0.001	0.007	0.021	0.730	0.01 (-0.03, 0.05)	-0.001	0.022	0.975	-6.91e-04 (-0.04, 0.04)
5108_72	NOTCH3	Q9UM47	211	-0.037	0.016	0.024	-0.04 (-0.07, -4.90e-0	0.162	6.10E-11	0.010	0.032	0.767	0.01 (-0.05, 0.07)	-0.003	0.097	-0.002	0.024	0.916	-2.47e-03 (-0.05, 0.	-0.008	0.025	0.762	-0.01 (-0.06, 0.04)
3044_3	CCL18	P55774	211	0.035	0.015	0.024	0.03 (4.54e-03, 0.06)	0.163	1.74E-06	-0.005	0.030	0.879	-4.60e-03 (-0.06, 0.05	0.002	0.135	0.004	0.021	0.830	4.42e-03 (-0.04, 0.0	-0.010	0.025	0.705	-0.01 (-0.06, 0.04)
3710_49	PLG	P00747	211	0.033	0.015	0.024	0.03 (4.35e-03, 0.06)	0.163	1.74E-05	-0.004	0.029	0.903	-3.55e-03 (-0.06, 0.05	0.002	0.146	0.032	0.025	0.203	0.03 (-0.02, 0.08)	0.034	0.025	0.178	0.03 (-0.02, 0.08)
14204_55	FOXJ2	Q9P0K8	211	0.026	0.012	0.024	0.03 (3.44e-03, 0.05)	0.164	0.356	-0.006	0.023	0.811	-0.01 (-0.05, 0.04)	0.002	0.111	-0.001	0.023	0.955	-1.29e-03 (-0.05, 0.	-0.009	0.023	0.684	-0.01 (-0.05, 0.04)
13438_115	CHRD	Q9H2X0	211	0.029	0.013	0.024	0.03 (3.76e-03, 0.05)	0.164	0.008	0.016	0.026	0.534	0.02 (-0.03, 0.07)	0.001	0.558	0.001	0.019	0.954	1.13e-03 (-0.04, 0.0	-0.017	0.023	0.457	-0.02 (-0.06, 0.03)
10552_88	KLRC4	O43908	211	-0.027	0.012	0.025	-0.03 (-0.05, -3.42e-0	0.165	0.410	-0.078	0.024	0.001	-0.08 (-0.12, -0.03)	0.003	0.013	-0.067	0.020	0.001	-0.07 (-0.11, -0.03)	-0.068	0.025	0.007	-0.07 (-0.12, -0.02)
10731_10	HS3ST5	Q8IZT8	211	0.034	0.015	0.025	0.03 (4.38e-03, 0.06)	0.165	7.44E-09	-0.019	0.030	0.524	-0.02 (-0.08, 0.04)	0.003	0.041	0.001	0.020	0.966	8.46e-04 (-0.04, 0.0	-0.003	0.024	0.905	-2.92e-03 (-0.05, 0.05)
11096_57	N6AMT1	Q9Y5N5	211	-0.027	0.012	0.025	-0.03 (-0.05, -3.41e-0	0.165	0.693	-0.055	0.024	0.021	-0.05 (-0.10, -0.01)	0.002	0.169	-0.045	0.024	0.059	-0.04 (-0.09, 1.78e-	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)
13397_88	DEFB4A	O15263	211	0.027	0.012	0.025	0.03 (3.45e-03, 0.05)	0.165	0.099	0.009	0.025	0.710	0.01 (-0.04, 0.06)	0.001	0.424	0.025	0.025	0.328	0.02 (-0.02, 0.07)	0.026	0.024	0.280	0.03 (-0.02, 0.07)
2617_56	ERBB3	P21860	211	0.037	0.017	0.025	0.04 (4.76e-03, 0.07)	0.165	2.71E-13	0.029	0.033	0.385	0.03 (-0.04, 0.09)	0.001	0.765	0.033	0.025	0.191	0.03 (-0.02, 0.08)	0.048	0.027	0.078	0.05 (-0.01, 0.10)
12960_9	GCK	P35557	211	0.032	0.014	0.025	0.03 (4.02e-03, 0.06)	0.165	6.05E-05	-0.029	0.027	0.293	-0.03 (-0.08, 0.02)	0.004	0.011	0.006	0.023	0.796	0.01 (-0.04, 0.05)	-0.002	0.022	0.917	-2.29e-03 (-0.05, 0.04)
17785_11	RCL	O43598	211	0.026	0.012	0.025	0.03 (3.36e-03, 0.05)	0.165	0.063	-0.046	0.024	0.061	-0.05 (-0.09, 1.78e-03	0.005	0.001	0.003	0.020	0.882	2.91e-03 (-0.04, 0.0	-0.007	0.023	0.758	-0.01 (-0.05, 0.04)
19631_13	KNG1	P01042	211	0.030	0.014	0.025	0.03 (3.87e-03, 0.06)	0.165	0.008	0.006	0.027	0.810	0.01 (-0.05, 0.06)	0.002	0.301	0.015	0.024	0.530	0.02 (-0.03, 0.06)	0.012	0.024	0.615	0.01 (-0.03, 0.06)
3728_52	SCT	P09683	211	0.026	0.012	0.025	0.03 (3.28e-03, 0.05)	0.167	0.536	-0.023	0.023	0.315	-0.02 (-0.07, 0.02)	0.003	0.014	0.018	0.023	0.436	0.02 (-0.03, 0.06)	0.012	0.023	0.586	0.01 (-0.03, 0.06)
13392_13	ATP1B1	P05026	211	0.034	0.015	0.025	0.03 (4.22e-03, 0.06)	0.167	8.57E-06	-0.005	0.030	0.875	-4.67e-03 (-0.06, 0.05	0.002	0.135	0.005	0.026	0.834	0.01 (-0.04, 0.06)	0.026	0.027	0.338	0.03 (-0.03, 0.08)
10024_44	HOGA1	Q86XE5	211	0.026	0.012	0.025	0.03 (3.27e-03, 0.05)	0.167	0.422	-0.026	0.023	0.263	-0.03 (-0.07, 0.02)	0.003	0.010	-0.007	0.022	0.762	-0.01 (-0.05, 0.04)	-0.008	0.025	0.736	-0.01 (-0.06, 0.04)
2211_9	TIMP1	P01033	211	0.030	0.014	0.025	0.03 (3.77e-03, 0.06)	0.168	0.005	0.000	0.027	0.999	-3.01e-05 (-0.05, 0.05	0.002	0.189	-0.001	0.024	0.958	-1.26e-03 (-0.05, 0.	0.001	0.026	0.962	1.25e-03 (-0.05, 0.05)
3520_58	TGFB3	P10600	211	0.026	0.012	0.025	0.03 (3.25e-03, 0.05)	0.168	0.184	-0.037	0.024	0.120	-0.04 (-0.08, 0.01)	0.004	0.002	0.000	0.019	1.000	0.00e+00 (-0.04, 0.	-0.008	0.027	0.779	-0.01 (-0.06, 0.05)
14039_33	KLK5	Q9Y337	211	0.026	0.012	0.026	0.03 (3.16e-03, 0.05)	0.169	0.211	-0.010	0.024	0.666	-0.01 (-0.06, 0.04)	0.002	0.079	-0.012	0.021	0.568	-0.01 (-0.05, 0.03)	-0.019	0.024	0.416	-0.02 (-0.07, 0.03)
18832_65	SAA2	P0DJI9	211	0.038	0.017	0.026	0.04 (4.62e-03, 0.07)	0.169	2.66E-16	-0.016	0.034	0.638	-0.02 (-0.08, 0.05)	0.003	0.066	0.008	0.022	0.709	0.01 (-0.03, 0.05)	0.014	0.023	0.544	0.01 (-0.03, 0.06)
16302_11	BPIFA2	Q96DR5	211	0.039	0.018	0.026	0.04 (4.77e-03, 0.07)	0.169	2.99E-18	0.000	0.035	0.999	4.43e-05 (-0.07, 0.07)	0.002	0.194	0.023	0.026	0.380	0.02 (-0.03, 0.07)	0.016	0.025	0.528	0.02 (-0.03, 0.07)
8326_63	SIGIRR	Q6IA17	211	0.029	0.013	0.026	0.03 (3.55e-03, 0.05)	0.170	3.99E-07	-0.040	0.025	0.113	-0.04 (-0.09, 0.01)	0.004	0.002	-0.014	0.019	0.444	-0.01 (-0.05, 0.02)	-0.015	0.023	0.525	-0.01 (-0.06, 0.03)
12450_42	PMVK	Q15126	211	-0.030	0.013	0.026	-0.03 (-0.06, -3.61e-0	0.170	0.021	-0.049	0.027	0.068	-0.05 (-0.10, 3.30e-03	0.001	0.411	-0.047	0.022	0.034	-0.05 (-0.09, -3.51e-	-0.068	0.026	0.010	-0.07 (-0.12, -0.02)
14139_16	NRG4	Q8WWG1	211	0.026	0.012	0.026	0.03 (3.12e-03, 0.05)	0.170	0.129	-0.026	0.024	0.287	-0.03 (-0.07, 0.02)	0.003	0.014	0.013	0.021	0.544	0.01 (-0.03, 0.05)	0.006	0.024	0.805	0.01 (-0.04, 0.05)
16900_29	MDGA1	Q8NFP4	211	0.024	0.011	0.026	0.02 (2.95e-03, 0.05)	0.170	0.542	0.046	0.022	0.035	0.05 (3.56e-03, 0.09)	-0.001	0.248	-0.004	0.020	0.852	-3.71e-03 (-0.04, 0.	0.001	0.022	0.963	9.93e-04 (-0.04, 0.04)
2968_61	TNFSF15	O95150	211	0.026	0.012	0.026	0.03 (3.17e-03, 0.05)	0.170	0.160	-0.002	0.024	0.927	-2.23e-03 (-0.05, 0.05	0.002	0.178	0.001	0.019	0.975	6.00e-04 (-0.04, 0.0	-0.014	0.024	0.564	-0.01 (-0.06, 0.03)
14012_17	DHX58	Q96C10	211	0.026	0.012	0.026	0.03 (3.10e-03, 0.05)	0.170	0.127	-0.039	0.024	0.100	-0.04 (-0.09, 0.01)	0.004	0.002	-0.005	0.019	0.807	-4.74e-03 (-0.04, 0.	-0.011	0.024	0.649	-0.01 (-0.06, 0.04)
2381_52	C5	P01031	211	0.035	0.016	0.026	0.04 (4.18e-03, 0.07)	0.170	8.26E-09	-0.024	0.031	0.433	-0.02 (-0.09, 0.04)	0.004	0.028	0.013	0.026	0.606	0.01 (-0.04, 0.06)	0.003	0.024	0.891	3.32e-03 (-0.04, 0.05)
3580_25	SERPINA1	P01009	211	-0.033	0.015	0.026	-0.03 (-0.06, -3.94e-0	0.170	3.17E-06	-0.017	0.029	0.556	-0.02 (-0.07, 0.04)	-0.001	0.540	-0.015	0.024	0.544	-0.01 (-0.06, 0.03)	-0.021	0.023	0.371	-0.02 (-0.07, 0.02)
4970_55	CA2	P00918	211	0.026	0.012	0.026	0.03 (3.08e-03, 0.05)	0.170	0.120	-0.007	0.024	0.765	-0.01 (-0.05, 0.04)	0.002	0.114	0.002	0.023	0.942	1.65e-03 (-0.04, 0.0	0.003	0.022	0.882	3.25e-03 (-0.04, 0.05)
6521_35	NPTX2	P47972	211	0.036	0.016	0.026	0.04 (4.29e-03, 0.07)	0.170	1.06E-10	-0.008	0.032	0.800	-0.01 (-0.07, 0.05)	0.003	0.112	0.031	0.022	0.160	0.03 (-0.01, 0.07)	0.026	0.025	0.297	0.03 (-0.02, 0.07)
11103_24	HSPB1	P04792	211	-0.026	0.012	0.026	-0.03 (-0.05, -3.14e-0	0.170	0.068	-0.064	0.025	0.011	-0.06 (-0.11, -0.01)	0.002	0.083	-0.039	0.021	0.060	-0.04 (-0.08, 1.60e-	-0.047	0.025	0.062	-0.05 (-0.10, 2.06e-03)
7803_4	CHST1	O43916	211	0.026	0.012	0.026	0.03 (3.05e-03, 0.05)	0.171	0.612	-0.020	0.023	0.382	-0.02 (-0.07, 0.03)	0.003	0.022	-0.001	0.022	0.966	-9.46e-04 (-0.04, 0.	0.003	0.025	0.893	3.31e-03 (-0.04, 0.05)
7015_8	LILRB5	O75023	211	0.026	0.012	0.026	0.03 (3.07e-03, 0.05)	0.172	1.000	-0.009	0.023	0.688	-0.01 (-0.06, 0.04)	0.002	0.078	0.008	0.019	0.656	0.01 (-0.03, 0.05)	0.003	0.024	0.906	2.79e-03 (-0.04, 0.05)
5034_79	PRSS2	P07478	211	0.053	0.024	0.027	0.05 (0.01, 0.10)	0.173	1.38E-66	0.066	0.047	0.164	0.07 (-0.03, 0.16)	-0.001	0.746	0.081	0.022	2.40E-04	0.08 (0.04, 0.12)	0.090	0.029	0.003	0.09 (0.03, 0.15)
11872_9	PCDHGB1	Q9Y5G3	211	0.026	0.012	0.027	0.03 (2.95e-03, 0.05)	0.175	0.274	-0.019	0.023	0.414	-0.02 (-0.07, 0.03)	0.003	0.027	-0.008	0.021	0.704	-0.01 (-0.05, 0.03)	0.003	0.024	0.910	2.74e-03 (-0.04, 0.05)
14116_129	S100A4	P26447	211	-0.029	0.013	0.027	-0.03 (-0.06, -3.33e-0	0.175	0.031	-0.049	0.026	0.061	-0.05 (-0.10, 2.09e-03	0.001	0.376	-0.048	0.025	0.057	-0.05 (-0.10, 1.53e-	-0.036	0.028	0.192	-0.04 (-0.09, 0.02)
13717_15	FCN2	Q15485	211	0.032	0.014	0.027	0.03 (3.58e-03, 0.06)	0.176	2.44E-04	-0.034	0.028	0.230	-0.03 (-0.09, 0.02)	0.004	0.008	0.012	0.021	0.581	0.01 (-0.03, 0.05)	-0.004	0.025	0.879	-3.75e-03 (-0.05, 0.04)
4162_54	TF	P02787	211	0.027	0.012	0.027	0.03 (3.08e-03, 0.05)	0.176	0.031	0.013	0.025	0.586	0.01 (-0.03, 0.06)	0.001	0.513	0.025	0.023	0.271	0.03 (-0.02, 0.07)	0.034	0.022	0.121	0.03 (-0.01, 0.08)
3310_62	FCGR2B	P31994	211	0.023	0.010	0.027	0.02 (2.52e-03, 0.04)	0.176	0.720	-0.002	0.020	0.936	-1.62e-03 (-0.04, 0.04	0.002	0.169	-0.004	0.018	0.824	-3.99e-03 (-0.04, 0.	-0.007	0.021	0.734	-0.01 (-0.05, 0.03)
8288_27	APOH	P02749	211	0.028	0.013	0.027	0.03 (3.15e-03, 0.05)	0.177	0.031	-0.015	0.025	0.550	-0.02 (-0.06, 0.03)	0.003	0.048	0.027	0.024	0.258	0.03 (-0.02, 0.07)	0.024	0.024	0.320	0.02 (-0.02, 0.07)
8760_10	DCUN1D5	Q9BTE7	211	0.116	0.053	0.027	0.12 (0.01, 0.22)	0.177	0.00E+00	0.063	0.105	0.550	0.06 (-0.14, 0.27)	0.003	0.556	0.013	0.022	0.556	0.01 (-0.03, 0.06)	0.013	0.024	0.581	0.01 (-0.03, 0.06)
12848_9	ARHGEF2	Q92974	211	0.026	0.012	0.028	0.03 (2.86e-03, 0.05)	0.177	0.087	-0.051	0.024	0.033	-0.05 (-0.10, -4.35e-0	0.005	2.49E-04	0.008	0.019	0.686	0.01 (-0.03, 0.05)	-0.024	0.023	0.303	-0.02 (-0.07, 0.02)
19163_26	LRRC59	Q96AG4	211	-0.026	0.012	0.028	-0.03 (-0.05, -2.81e-0	0.178	0.271	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)	0.002	0.206	-0.049	0.020	0.013	-0.05 (-0.09, -0.01)	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)
9963_19	PCDHB10	Q9UN67	211	0.032	0.015	0.028	0.03 (3.55e-03, 0.06)	0.178	5.76E-07	-0.028	0.029	0.337	-0.03 (-0.08, 0.03)	0.004	0.017	0.019	0.020	0.339	0.02 (-0.02, 0.06)	0.001	0.023	0.982	5.28e-04 (-0.04, 0.05)
5677_15	C2orf66	Q6UXQ4	211	0.028	0.013	0.028	0.03 (3.04e-03, 0.05)	0.178	0.024	-0.022	0.025	0.377	-0.02 (-0.07, 0.03)	0.003	0.022	0.009	0.024	0.708	0.01 (-0.04, 0.06)	0.011	0.024	0.631	0.01 (-0.03, 0.06)
7741_111	RTF1	Q92541	211	0.027	0.012	0.028	0.03 (2.99e-03, 0.05)	0.178	0.047	-0.038	0.024	0.113	-0.04 (-0.09, 0.01)	0.004	0.002	-0.004	0.020	0.826	-4.31e-03 (-0.04, 0.	-0.007	0.021	0.752	-0.01 (-0.05, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
11149_3	TLR1	Q15399	211	0.029	0.013	0.028	0.03 (3.13e-03, 0.05)	0.179	0.004	-0.032	0.026	0.211	-0.03 (-0.08, 0.02)	0.004	0.006	0.009	0.023	0.690	0.01 (-0.04, 0.05)	0.017	0.022	0.446	0.02 (-0.03, 0.06)
15386_7	FABP4	P15090	211	0.042	0.019	0.028	0.04 (4.54e-03, 0.08)	0.179	4.52E-28	-0.086	0.037	0.021	-0.09 (-0.16, -0.01)	0.008	8.26E-05	0.011	0.022	0.626	0.01 (-0.03, 0.05)	0.024	0.029	0.417	0.02 (-0.03, 0.08)
19482_11	HDHD3	Q9BSH5	211	-0.026	0.012	0.028	-0.03 (-0.05, -2.80e-0	0.179	0.385	-0.064	0.024	0.007	-0.06 (-0.11, -0.02)	0.002	0.065	-0.055	0.022	0.015	-0.05 (-0.10, -0.01)	-0.050	0.025	0.045	-0.05 (-0.10, -1.28e-03)
8388_24	SPAST	Q9UBP0	211	0.028	0.013	0.028	0.03 (2.93e-03, 0.05)	0.181	0.015	-0.040	0.025	0.105	-0.04 (-0.09, 0.01)	0.004	0.002	0.001	0.021	0.977	6.13e-04 (-0.04, 0.0	-0.003	0.022	0.907	-2.61e-03 (-0.05, 0.04)
18339_207	PSMB3	P49720	211	0.029	0.013	0.029	0.03 (3.08e-03, 0.06)	0.181	0.006	-0.039	0.026	0.135	-0.04 (-0.09, 0.01)	0.004	0.003	0.019	0.020	0.345	0.02 (-0.02, 0.06)	0.000	0.024	0.985	4.60e-04 (-0.05, 0.05)
5091_28	LILRB2	Q8N423	211	0.031	0.014	0.029	0.03 (3.24e-03, 0.06)	0.183	0.006	0.002	0.028	0.950	1.77e-03 (-0.05, 0.06)	0.002	0.226	-0.004	0.025	0.863	-4.34e-03 (-0.05, 0.0	0.001	0.026	0.984	5.03e-04 (-0.05, 0.05)
9190_7	CD63	P08962	211	0.025	0.012	0.029	0.03 (2.61e-03, 0.05)	0.183	0.370	-0.045	0.023	0.049	-0.05 (-0.09, -4.38e-0	0.004	4.50E-04	0.014	0.020	0.480	0.01 (-0.03, 0.05)	-0.004	0.023	0.851	-4.36e-03 (-0.05, 0.04)
13405_61	SPINK2	P20155	211	0.026	0.012	0.029	0.03 (2.68e-03, 0.05)	0.184	0.677	0.004	0.024	0.873	3.87e-03 (-0.04, 0.05)	0.001	0.282	0.016	0.024	0.501	0.02 (-0.03, 0.06)	0.006	0.024	0.795	0.01 (-0.04, 0.05)
13744_37	IL3RA	P26951	211	0.028	0.013	0.029	0.03 (2.85e-03, 0.05)	0.184	0.034	0.056	0.026	0.032	0.06 (0.01, 0.11)	-0.002	0.220	0.008	0.024	0.739	0.01 (-0.04, 0.05)	0.017	0.026	0.522	0.02 (-0.03, 0.07)
2658_27	NTRK3	Q16288	211	-0.035	0.016	0.029	-0.03 (-0.07, -3.52e-0	0.184	5.30E-08	0.053	0.031	0.089	0.05 (-0.01, 0.11)	-0.005	0.001	-0.008	0.021	0.698	-0.01 (-0.05, 0.03)	0.034	0.026	0.194	0.03 (-0.02, 0.08)
8839_4	MTX2	O75431	211	0.028	0.013	0.029	0.03 (2.84e-03, 0.05)	0.184	0.008	-0.023	0.025	0.367	-0.02 (-0.07, 0.03)	0.003	0.020	0.001	0.019	0.938	1.50e-03 (-0.04, 0.0	0.004	0.023	0.877	3.56e-03 (-0.04, 0.05)
9329_28	TREML1	Q86YW5	211	-0.030	0.014	0.029	-0.03 (-0.06, -3.02e-0	0.184	0.004	-0.058	0.027	0.034	-0.06 (-0.11, -4.63e-0	0.002	0.234	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	-0.043	0.022	0.055	-0.04 (-0.09, 6.22e-04)
7218_87	ATP1B2	P14415	211	-0.036	0.016	0.029	-0.04 (-0.07, -3.60e-0	0.184	3.64E-11	0.037	0.032	0.248	0.04 (-0.03, 0.10)	-0.005	0.009	-0.030	0.021	0.148	-0.03 (-0.07, 0.01)	-0.019	0.025	0.452	-0.02 (-0.07, 0.03)
9061_3	ARHGEF10	O15013	211	0.029	0.014	0.029	0.03 (2.96e-03, 0.06)	0.184	0.002	-0.037	0.026	0.161	-0.04 (-0.09, 0.01)	0.004	0.004	-0.009	0.019	0.657	-0.01 (-0.05, 0.03)	-0.022	0.026	0.402	-0.02 (-0.07, 0.03)
17505_125	NAALADL1	Q9UQQ1	211	0.035	0.016	0.029	0.04 (3.53e-03, 0.07)	0.184	1.16E-12	-0.033	0.032	0.295	-0.03 (-0.10, 0.03)	0.004	0.013	-0.003	0.022	0.901	-2.71e-03 (-0.05, 0.0	0.004	0.024	0.882	3.51e-03 (-0.04, 0.05)
3461_58	BCAN	Q96GW7	211	-0.030	0.014	0.029	-0.03 (-0.06, -3.02e-0	0.184	0.001	-0.007	0.028	0.798	-0.01 (-0.06, 0.05)	-0.001	0.332	-0.053	0.023	0.021	-0.05 (-0.10, -0.01)	-0.040	0.024	0.099	-0.04 (-0.09, 0.01)
9231_23	IMPAD1	Q9NX62	211	-0.030	0.014	0.030	-0.03 (-0.06, -3.00e-0	0.185	2.46E-04	0.024	0.027	0.378	0.02 (-0.03, 0.08)	-0.003	0.022	-0.009	0.026	0.716	-0.01 (-0.06, 0.04)	0.001	0.027	0.969	1.04e-03 (-0.05, 0.05)
9927_96	TNS4	Q8IZW8	211	0.026	0.012	0.030	0.03 (2.53e-03, 0.05)	0.185	0.069	-0.002	0.025	0.951	-1.56e-03 (-0.05, 0.05	0.002	0.218	0.007	0.023	0.768	0.01 (-0.04, 0.05)	0.002	0.024	0.932	2.04e-03 (-0.04, 0.05)
13575_40	DVL2	O14641	211	0.026	0.012	0.030	0.03 (2.57e-03, 0.05)	0.186	0.298	0.000	0.025	0.989	3.43e-04 (-0.05, 0.05)	0.002	0.225	-0.008	0.020	0.704	-0.01 (-0.05, 0.03)	-0.002	0.026	0.951	-1.60e-03 (-0.05, 0.05)
15395_15	GSTM1	P09488	211	0.026	0.012	0.030	0.03 (2.49e-03, 0.05)	0.187	0.965	-0.016	0.024	0.496	-0.02 (-0.06, 0.03)	0.003	0.041	0.015	0.025	0.551	0.01 (-0.03, 0.06)	0.010	0.022	0.648	0.01 (-0.03, 0.05)
9017_58	LCT	P09848	211	0.024	0.011	0.030	0.02 (2.32e-03, 0.05)	0.187	0.214	0.004	0.023	0.854	4.20e-03 (-0.04, 0.05)	0.001	0.314	0.019	0.022	0.401	0.02 (-0.03, 0.06)	0.001	0.022	0.972	7.75e-04 (-0.04, 0.04)
19331_18	BAIAP2	Q9UQB8	211	0.025	0.012	0.030	0.03 (2.42e-03, 0.05)	0.188	0.302	-0.033	0.023	0.159	-0.03 (-0.08, 0.01)	0.004	0.004	0.000	0.019	0.985	-3.67e-04 (-0.04, 0.0	-0.008	0.022	0.710	-0.01 (-0.05, 0.03)
7116_31	OSCAR	Q8IYS5	211	0.025	0.012	0.030	0.03 (2.43e-03, 0.05)	0.188	0.122	-0.028	0.024	0.245	-0.03 (-0.08, 0.02)	0.003	0.011	0.015	0.019	0.416	0.02 (-0.02, 0.05)	0.001	0.024	0.966	1.02e-03 (-0.05, 0.05)
7215_18	CYB5R3	P00387	211	-0.025	0.012	0.030	-0.03 (-0.05, -2.42e-0	0.188	0.425	-0.005	0.024	0.832	-4.99e-03 (-0.05, 0.04	-0.001	0.315	-0.001	0.019	0.942	-1.40e-03 (-0.04, 0.0	0.004	0.023	0.863	4.02e-03 (-0.04, 0.05)
9226_6	TMUB2	Q71RG4	211	0.027	0.013	0.030	0.03 (2.60e-03, 0.05)	0.188	0.035	-0.016	0.025	0.522	-0.02 (-0.06, 0.03)	0.003	0.045	0.008	0.019	0.685	0.01 (-0.03, 0.05)	-0.007	0.025	0.774	-0.01 (-0.06, 0.04)
12373_73	TRA2B	P62995	211	0.029	0.013	0.030	0.03 (2.75e-03, 0.06)	0.188	0.005	-0.049	0.026	0.060	-0.05 (-0.10, 1.71e-03	0.005	0.001	-0.019	0.019	0.318	-0.02 (-0.06, 0.02)	-0.041	0.027	0.128	-0.04 (-0.09, 0.01)
18395_5	ADPRH	P54922	211	0.025	0.012	0.030	0.03 (2.41e-03, 0.05)	0.188	0.362	-0.007	0.024	0.782	-0.01 (-0.05, 0.04)	0.002	0.118	0.016	0.025	0.521	0.02 (-0.03, 0.07)	0.015	0.023	0.515	0.01 (-0.03, 0.06)
4322_28	AMN	Q9BXJ7	211	0.025	0.012	0.031	0.02 (2.35e-03, 0.05)	0.188	0.281	-0.012	0.024	0.609	-0.01 (-0.06, 0.03)	0.002	0.074	0.012	0.022	0.581	0.01 (-0.03, 0.05)	0.019	0.024	0.422	0.02 (-0.03, 0.07)
7767_1	CLPSL2	Q6UWE3	211	0.029	0.013	0.031	0.03 (2.70e-03, 0.06)	0.189	0.002	-0.052	0.026	0.045	-0.05 (-0.10, -1.43e-0	0.005	3.55E-04	-0.005	0.020	0.813	-4.64e-03 (-0.04, 0.0	-0.001	0.023	0.977	-6.85e-04 (-0.05, 0.04)
12835_101	PYDC1	Q8WXC3	211	0.025	0.012	0.031	0.03 (2.32e-03, 0.05)	0.190	0.096	-0.025	0.024	0.302	-0.03 (-0.07, 0.02)	0.003	0.017	0.005	0.020	0.779	0.01 (-0.03, 0.04)	0.003	0.022	0.895	2.92e-03 (-0.04, 0.05)
18166_4	RHOB	P62745	211	0.028	0.013	0.031	0.03 (2.58e-03, 0.05)	0.190	0.021	-0.031	0.026	0.223	-0.03 (-0.08, 0.02)	0.004	0.008	0.005	0.019	0.792	0.01 (-0.03, 0.04)	-0.005	0.023	0.842	-4.66e-03 (-0.05, 0.04)
5092_51	JAG1	P78504	211	0.026	0.012	0.031	0.03 (2.36e-03, 0.05)	0.190	0.096	0.055	0.025	0.030	0.05 (0.01, 0.10)	-0.002	0.180	-0.008	0.024	0.736	-0.01 (-0.05, 0.04)	-0.007	0.027	0.809	-0.01 (-0.06, 0.05)
5437_63	FABP3	P05413	211	0.040	0.019	0.031	0.04 (3.71e-03, 0.08)	0.190	9.36E-26	-0.087	0.036	0.017	-0.09 (-0.16, -0.02)	0.008	6.00E-05	0.002	0.021	0.943	1.51e-03 (-0.04, 0.0	0.000	0.027	0.998	-8.37e-05 (-0.05, 0.05)
9077_10	MAN1A2	O60476	211	0.031	0.014	0.031	0.03 (2.81e-03, 0.06)	0.190	0.001	0.032	0.028	0.264	0.03 (-0.02, 0.09)	0.000	0.967	0.016	0.026	0.532	0.02 (-0.03, 0.07)	0.016	0.026	0.549	0.02 (-0.04, 0.07)
5315_22	TNNT2	P45379	211	0.027	0.013	0.031	0.03 (2.49e-03, 0.05)	0.190	0.034	-0.052	0.024	0.035	-0.05 (-0.10, -3.98e-0	0.005	2.28E-04	-0.014	0.019	0.468	-0.01 (-0.05, 0.02)	-0.033	0.026	0.200	-0.03 (-0.08, 0.02)
9805_51	SEMA4B	Q9NPR2	211	-0.026	0.012	0.031	-0.03 (-0.05, -2.32e-0	0.190	0.332	-0.015	0.024	0.526	-0.02 (-0.06, 0.03)	-0.001	0.617	0.007	0.021	0.750	0.01 (-0.04, 0.05)	0.005	0.026	0.853	4.80e-03 (-0.05, 0.06)
9830_109	VAV3	Q9UKW4	211	0.030	0.014	0.031	0.03 (2.68e-03, 0.06)	0.190	0.002	-0.032	0.027	0.232	-0.03 (-0.09, 0.02)	0.004	0.008	-0.013	0.022	0.559	-0.01 (-0.06, 0.03)	-0.019	0.022	0.389	-0.02 (-0.06, 0.02)
19145_4	MREG	Q8N565	211	0.030	0.014	0.031	0.03 (2.74e-03, 0.06)	0.190	1.97E-05	-0.032	0.028	0.242	-0.03 (-0.09, 0.02)	0.004	0.009	0.007	0.020	0.712	0.01 (-0.03, 0.05)	-0.007	0.027	0.804	-0.01 (-0.06, 0.05)
6456_17	PSG6	Q00889	211	0.025	0.012	0.032	0.02 (2.20e-03, 0.05)	0.192	0.222	-0.033	0.023	0.163	-0.03 (-0.08, 0.01)	0.004	0.005	-0.004	0.020	0.838	-4.05e-03 (-0.04, 0.0	-0.005	0.021	0.818	-4.95e-03 (-0.05, 0.04)
10085_25	STAR	P49675	211	0.028	0.013	0.032	0.03 (2.42e-03, 0.05)	0.193	0.034	-0.007	0.026	0.771	-0.01 (-0.06, 0.04)	0.002	0.112	0.032	0.025	0.205	0.03 (-0.02, 0.08)	0.024	0.027	0.367	0.02 (-0.03, 0.08)
11669_39	SLCO5A1	Q9H2Y9	211	0.025	0.012	0.032	0.02 (2.16e-03, 0.05)	0.193	0.562	-0.001	0.023	0.976	-6.84e-04 (-0.05, 0.04	0.002	0.199	0.040	0.021	0.053	0.04 (-4.43e-04, 0.0	0.033	0.023	0.159	0.03 (-0.01, 0.08)
12699_28	CCT8	P50990	211	-0.025	0.012	0.032	-0.03 (-0.05, -2.18e-0	0.193	0.388	-0.033	0.024	0.166	-0.03 (-0.08, 0.01)	0.000	0.707	-0.038	0.022	0.074	-0.04 (-0.08, 3.78e-	-0.037	0.023	0.118	-0.04 (-0.08, 0.01)
5383_14	TNFRSF13	Q96RJ3	211	0.028	0.013	0.032	0.03 (2.45e-03, 0.05)	0.193	0.005	-0.029	0.026	0.262	-0.03 (-0.08, 0.02)	0.004	0.011	-0.009	0.020	0.653	-0.01 (-0.05, 0.03)	-0.006	0.024	0.815	-0.01 (-0.05, 0.04)
12772_8	NUP98	P52948	211	0.026	0.012	0.032	0.03 (2.25e-03, 0.05)	0.193	0.060	-0.015	0.029	0.601	-0.01 (-0.07, 0.04)	0.002	0.105	0.003	0.020	0.884	2.97e-03 (-0.04, 0.0	0.016	0.029	0.590	0.02 (-0.04, 0.07)
4967_1	C1QBP	Q07021	211	0.030	0.014	0.032	0.03 (2.55e-03, 0.06)	0.193	0.001	-0.042	0.028	0.134	-0.04 (-0.10, 0.01)	0.004	0.004	0.007	0.023	0.763	0.01 (-0.04, 0.05)	0.011	0.023	0.640	0.01 (-0.03, 0.06)
5611_56	DEFB108B	Q8NET1	211	0.025	0.012	0.032	0.02 (2.13e-03, 0.05)	0.193	0.475	-0.023	0.023	0.322	-0.02 (-0.07, 0.02)	0.003	0.017	-0.017	0.021	0.426	-0.02 (-0.06, 0.02)	-0.014	0.023	0.535	-0.01 (-0.06, 0.03)
6606_61	KISS1	Q15726	211	0.024	0.011	0.032	0.02 (2.03e-03, 0.05)	0.193	0.068	0.017	0.024	0.465	0.02 (-0.03, 0.06)	0.000	0.751	0.021	0.023	0.364	0.02 (-0.02, 0.07)	0.021	0.022	0.343	0.02 (-0.02, 0.06)
9545_156	GZMK	P49863	211	0.034	0.016	0.032	0.03 (2.92e-03, 0.07)	0.193	1.00E-11	0.012	0.032	0.699	0.01 (-0.05, 0.07)	0.001	0.424	-0.003	0.024	0.909	-2.71e-03 (-0.05, 0.0	-0.014	0.023	0.554	-0.01 (-0.06, 0.03)
4930_21	STC1	P52823	211	0.026	0.012	0.033	0.03 (2.15e-03, 0.05)	0.195	0.122	-0.005	0.025	0.834	-0.01 (-0.05, 0.04)	0.002	0.156	0.008	0.020	0.670	0.01 (-0.03, 0.05)	-0.008	0.025	0.751	-0.01 (-0.06, 0.04)
14135_3	RXFP1	Q9HBX9	211	0.028	0.013	0.033	0.03 (2.26e-03, 0.05)	0.197	0.011	-0.045	0.025	0.073	-0.05 (-0.09, 3.99e-03	0.005	0.001	0.003	0.021	0.878	3.15e-03 (-0.04, 0.0	0.001	0.022	0.958	1.15e-03 (-0.04, 0.04)
8378_3	LDOC1	O95751	211	0.025	0.012	0.033	0.02 (2.01e-03, 0.05)	0.197	0.501	-0.005	0.023	0.845	-4.50e-03 (-0.05, 0.04	0.002	0.142	0.007	0.023	0.756	0.01 (-0.04, 0.05)	0.010	0.022	0.630	0.01 (-0.03, 0.05)
17163_117	ANXA3	P12429	211	0.025	0.012	0.033	0.02 (1.98e-03, 0.05)	0.198	0.303	-0.028	0.023	0.227	-0.03 (-0.07, 0.02)	0.003	0.009	-0.015	0.020	0.444	-0.02 (-0.05, 0.02)	-0.014	0.024	0.554	-0.01 (-0.06, 0.03)
5440_26	TNNI2	P48788	211	0.029	0.013	0.033	0.03 (2.27e-03, 0.05)	0.199	0.004	-0.026	0.027	0.327	-0.03 (-0.08, 0.03)	0.003	0.019	-0.001	0.025	0.971	-9.21e-04 (-0.05, 0.0	-0.009	0.025	0.711	-0.01 (-0.06, 0.04)
14101_2	CNTFR	P26992	211	-0.030	0.014	0.034	-0.03 (-0.06, -2.35e-0	0.200	3.48E-04	0.013	0.028	0.638	0.01 (-0.04, 0.07)	-0.003	0.074	-0.011	0.025	0.656	-0.01 (-0.06, 0.04)	-0.011	0.024	0.645	-0.01 (-0.06, 0.04)
5728_60	FCRL1	Q96LA6	211	0.029	0.014	0.034	0.03 (2.27e-03, 0.06)	0.200	0.002	0.036	0.028	0.193	0.04 (-0.02, 0.09)	0.000	0.781	0.012	0.024	0.608	0.01 (-0.03, 0.06)	0.036	0.025	0.148	0.04 (-0.01, 0.09)
11067_13	BGLAP	P02818	211	0.031	0.015	0.034	0.03 (2.31e-03, 0.06)	0.203	5.57E-08	-0.016	0.029	0.583	-0.02 (-0.07, 0.04)	0.003	0.062	-0.018	0.020	0.375	-0.02 (-0.06, 0.02)	-0.033	0.023	0.145	-0.03 (-0.08, 0.01)
11145_72	KIAA1549L	Q6ZVL6	211	0.028	0.013	0.034	0.03 (2.05e-03, 0.05)	0.203	0.030	-0.009	0.026	0.734	-0.01 (-0.06, 0.04)	0.002	0.105	0.004	0.024	0.862	4.08e-03 (-0.04, 0.0	0.007	0.025	0.775	0.01 (-0.04, 0.06)
13561_5	HTR6	P50406	211	0.027	0.013	0.034	0.03 (2.01e-03, 0.05)	0.203	0.015	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	0.004	0.001	-0.007	0.025	0.777	-0.01 (-0.06, 0.04)	-0.016	0.024	0.516	-0.02 (-0.06, 0.03)
13620_10	ASNA1	O43681	211	-0.027	0.013	0.034	-0.03 (-0.05, -2.02e-0	0.203	0.039	-0.049	0.026	0.056	-0.05 (-0.10, 9.93e-04	0.001	0.322	-0.055	0.021	0.010	-0.06 (-0.10, -0.01)	-0.053	0.024	0.030	-0.05 (-0.10, -0.01)
5202_4	PPID	Q08752	211	-0.025	0.012	0.034	-0.03 (-0.05, -1.87e-0	0.203	0.157	-0.042	0.025	0.097	-0.04 (-0.09, 0.01)	0.001	0.451	-0.057	0.021	0.008	-0.06 (-0.10, -0.02)	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)
5628_21	SEMA3G	Q9NS98	211	0.029	0.014	0.034	0.03 (2.16e-03, 0.06)	0.203	0.003	0.048	0.028	0.083	0.05 (-0.01, 0.10)	-0.001	0.433	0.010	0.021	0.624	0.01 (-0.03, 0.05)	0.008	0.026	0.769	0.01 (-0.04, 0.06)
19225_11	BLNK	Q8WV28	211	0.024	0.012	0.034	0.02 (1.79e-03, 0.05)	0.204	0.378	-0.030	0.023	0.190	-0.03 (-0.08, 0.01)	0.003	0.006	0.001	0.018	0.971	6.80e-04 (-0.04, 0.0	-0.010	0.023	0.666	-0.01 (-0.06, 0.04)
2618_10	ERBB4	Q15303	211	0.024	0.012	0.034	0.02 (1.79e-03, 0.05)	0.204	0.082	-0.034	0.024	0.152	-0.03 (-0.08, 0.01)	0.004	0.005	0.010	0.023	0.671	0.01 (-0.04, 0.06)	0.003	0.022	0.893	2.92e-03 (-0.04, 0.05)
6416_8	GKN2	Q86XP6	211	0.025	0.012	0.035	0.03 (1.84e-03, 0.05)	0.204	0.072	0.007	0.025	0.791	0.01 (-0.04, 0.06)	0.001	0.397	0.012	0.025	0.647	0.01 (-0.04, 0.06)	-0.002	0.025	0.931	-2.21e-03 (-0.05, 0.05)
9955_40	RNF148	Q8N7C7	211	0.025	0.012	0.035	0.02 (1.79e-03, 0.05)	0.204	0.076	-0.040	0.024	0.099	-0.04 (-0.09, 0.01)	0.004	0.002	-0.007	0.023	0.741	-0.01 (-0.05, 0.04)	0.000	0.026	0.992	2.46e-04 (-0.05, 0.05)
2851_63	C5	P01031	211	0.028	0.013	0.035	0.03 (1.99e-03, 0.05)	0.204	0.016	0.010	0.026	0.711	0.01 (-0.04, 0.06)	0.001	0.424	0.036	0.024	0.127	0.04 (-0.01, 0.08)	0.029	0.026	0.259	0.03 (-0.02, 0.08)
3807_1	FGF23	Q9GZV9	211	0.025	0.012	0.035	0.02 (1.74e-03, 0.05)	0.205	0.078	-0.003	0.025	0.917	-2.57e-03 (-0.05, 0.05	0.002	0.202	-0.003	0.019	0.861	-3.29e-03 (-0.04, 0.0	-0.016	0.025	0.530	-0.02 (-0.06, 0.03)
4900_8	C3	P01024	211	0.025	0.012	0.035	0.03 (1.79e-03, 0.05)	0.205	0.202	0.009	0.025	0.716	0.01 (-0.04, 0.06)	0.001	0.449	0.037	0.023	0.106	0.04 (-0.01, 0.08)	0.033	0.023	0.147	0.03 (-0.01, 0.08)
8810_26	HEPACAM	Q14CZ8	211	0.024	0.011	0.035	0.02 (1.66e-03, 0.05)	0.207	0.576	0.013	0.023	0.563	0.01 (-0.03, 0.06)	0.001	0.577	0.039	0.023	0.091	0.04 (-0.01, 0.08)	0.032	0.024	0.182	0.03 (-0.01, 0.08)
19282_3	RAB13	P51153	211	-0.025	0.012	0.035	-0.02 (-0.05, -1.71e-0	0.207	0.833	-0.031	0.023	0.194	-0.03 (-0.08, 0.02)	0.000	0.781	-0.053	0.021	0.012	-0.05 (-0.09, -0.01)	-0.044	0.022	0.050	-0.04 (-0.09, -2.63e-04)
5035_7	TYMS	P04818	211	0.024	0.012	0.035	0.02 (1.65e-03, 0.05)	0.207	0.390	-0.011	0.023	0.631	-0.01 (-0.06, 0.03)	0.002	0.078	0.000	0.018	1.000	0.00e+00 (-0.03, 0.0	-0.026	0.024	0.279	-0.03 (-0.07, 0.02)
5345_51	CKAP2	Q8WWK9	211	0.032	0.015	0.035	0.03 (2.19e-03, 0.06)	0.207	5.20E-08	-0.037	0.030	0.225	-0.04 (-0.10, 0.02)	0.004	0.009	-0.005	0.021	0.816	-4.87e-03 (-0.05, 0.0	-0.019	0.025	0.454	-0.02 (-0.07, 0.03)
13515_8	RPRD1A	Q96P16	211	0.024	0.012	0.036	0.02 (1.65e-03, 0.05)	0.208	0.057	-0.035	0.025	0.151	-0.04 (-0.08, 0.01)	0.004	0.005	0.000	0.023	0.999	-4.00e-05 (-0.05, 0.0	0.004	0.022	0.853	4.11e-03 (-0.04, 0.05)
14111_15	THBS2	P35442	211	0.024	0.012	0.036	0.02 (1.62e-03, 0.05)	0.208	0.648	-0.007	0.023	0.775	-0.01 (-0.05, 0.04)	0.002	0.120	0.014	0.024	0.574	0.01 (-0.03, 0.06)	0.014	0.023	0.540	0.01 (-0.03, 0.06)
18432_32	RALB	P11234	211	-0.025	0.012	0.036	-0.02 (-0.05, -1.65e-0	0.208	0.210	-0.044	0.024	0.075	-0.04 (-0.09, 4.09e-03	0.001	0.372	-0.038	0.020	0.058	-0.04 (-0.08, 1.34e-	-0.039	0.023	0.098	-0.04 (-0.08, 0.01)
13733_5	IL12B	P29460	211	0.029	0.014	0.036	0.03 (1.89e-03, 0.06)	0.208	0.003	0.008	0.027	0.767	0.01 (-0.05, 0.06)	0.001	0.375	0.012	0.025	0.632	0.01 (-0.04, 0.06)	0.025	0.025	0.316	0.03 (-0.02, 0.07)
18261_34	NATD1	Q8N6N6	211	0.024	0.012	0.036	0.02 (1.60e-03, 0.05)	0.208	0.148	-0.033	0.024	0.170	-0.03 (-0.08, 0.01)	0.004	0.006	0.002	0.021	0.932	1.78e-03 (-0.04, 0.0	-0.005	0.023	0.820	-0.01 (-0.05, 0.04)
4911_49	GSTP1	P09211	211	-0.025	0.012	0.036	-0.02 (-0.05, -1.63e-0	0.209	0.082	-0.032	0.025	0.203	-0.03 (-0.08, 0.02)	0.000	0.738	-0.026	0.026	0.304	-0.03 (-0.08, 0.02)	-0.026	0.023	0.256	-0.03 (-0.07, 0.02)
5111_15	NRXN3	Q9HDB5	211	0.030	0.014	0.036	0.03 (1.98e-03, 0.06)	0.209	6.08E-05	0.067	0.029	0.021	0.07 (0.01, 0.12)	-0.002	0.142	0.039	0.026	0.126	0.04 (-0.01, 0.09)	0.035	0.026	0.176	0.04 (-0.02, 0.09)
11330_15	CSNK2B	P67870	211	0.027	0.013	0.036	0.03 (1.73e-03, 0.05)	0.209	0.011	-0.028	0.025	0.271	-0.03 (-0.08, 0.02)	0.003	0.013	-0.009	0.020	0.670	-0.01 (-0.05, 0.03)	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)
8372_29	CDHR1	Q96JP9	211	0.024	0.012	0.036	0.02 (1.57e-03, 0.05)	0.209	0.129	-0.020	0.024	0.408	-0.02 (-0.07, 0.03)	0.003	0.034	0.003	0.022	0.903	2.69e-03 (-0.04, 0.0	0.004	0.024	0.868	3.96e-03 (-0.04, 0.05)
9321_400	NMB	P08949	211	-0.031	0.015	0.036	-0.03 (-0.06, -1.98e-0	0.209	1.30E-06	-0.082	0.029	0.005	-0.08 (-0.14, -0.03)	0.003	0.040	-0.050	0.026	0.055	-0.05 (-0.10, 1.01e-	-0.027	0.027	0.314	-0.03 (-0.08, 0.03)
17704_74	HSPH1	Q92598	211	0.026	0.013	0.036	0.03 (1.68e-03, 0.05)	0.210	0.029	-0.015	0.025	0.550	-0.01 (-0.06, 0.03)	0.003	0.056	-0.005	0.021	0.832	-4.52e-03 (-0.05, 0.0	-0.011	0.024	0.655	-0.01 (-0.06, 0.04)
3028_36	CCL23	P55773	211	-0.026	0.012	0.036	-0.03 (-0.05, -1.61e-0	0.210	0.094	-0.022	0.026	0.398	-0.02 (-0.07, 0.03)	0.000	0.870	-0.022	0.024	0.359	-0.02 (-0.07, 0.02)	-0.026	0.024	0.285	-0.03 (-0.07, 0.02)
14583_49	MSTN	O14793	211	0.024	0.012	0.037	0.02 (1.51e-03, 0.05)	0.210	0.080	-0.015	0.024	0.528	-0.02 (-0.06, 0.03)	0.002	0.060	0.003	0.024	0.906	2.77e-03 (-0.04, 0.0	0.008	0.022	0.726	0.01 (-0.04, 0.05)
8253_2	POMGNT1	Q8WZA1	211	0.024	0.012	0.037	0.02 (1.52e-03, 0.05)	0.210	0.097	-0.031	0.024	0.197	-0.03 (-0.08, 0.02)	0.004	0.008	-0.010	0.020	0.629	-0.01 (-0.05, 0.03)	-0.025	0.023	0.275	-0.02 (-0.07, 0.02)
15491_20	CD248	Q9HCU0	211	-0.033	0.016	0.037	-0.03 (-0.06, -2.03e-0	0.210	2.96E-09	-0.016	0.031	0.604	-0.02 (-0.08, 0.05)	-0.001	0.531	0.000	0.023	0.994	1.67e-04 (-0.05, 0.0	-0.013	0.025	0.614	-0.01 (-0.06, 0.04)
15539_15	SLITRK1	Q96PX8	211	-0.030	0.015	0.037	-0.03 (-0.06, -1.88e-0	0.210	3.16E-06	0.039	0.029	0.174	0.04 (-0.02, 0.09)	-0.004	0.005	-0.002	0.021	0.911	-2.39e-03 (-0.04, 0.0	-0.005	0.024	0.822	-0.01 (-0.05, 0.04)
17164_15	ANXA4	P09525	211	-0.025	0.012	0.037	-0.02 (-0.05, -1.52e-0	0.210	0.152	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)	0.001	0.487	-0.039	0.023	0.101	-0.04 (-0.08, 0.01)	-0.043	0.024	0.069	-0.04 (-0.09, 3.14e-03)
19123_6	NFKBID	Q8NI38	211	0.025	0.012	0.037	0.02 (1.51e-03, 0.05)	0.210	0.448	-0.029	0.024	0.217	-0.03 (-0.08, 0.02)	0.003	0.009	0.003	0.023	0.880	3.45e-03 (-0.04, 0.0	0.005	0.024	0.843	4.82e-03 (-0.04, 0.05)
5015_15	PLA2G7	Q13093	211	-0.052	0.025	0.037	-0.05 (-0.10, -3.13e-0	0.210	6.06E-73	-0.059	0.049	0.231	-0.06 (-0.16, 0.04)	0.000	0.858	-0.022	0.027	0.424	-0.02 (-0.07, 0.03)	-0.029	0.027	0.291	-0.03 (-0.08, 0.02)
7745_3	CISD1	Q9NZ45	211	0.027	0.013	0.037	0.03 (1.65e-03, 0.05)	0.210	0.006	-0.012	0.025	0.628	-0.01 (-0.06, 0.04)	0.002	0.075	0.008	0.023	0.720	0.01 (-0.04, 0.05)	0.000	0.021	0.983	4.47e-04 (-0.04, 0.04)
7917_17	CPD	O75976	211	0.025	0.012	0.037	0.02 (1.50e-03, 0.05)	0.210	0.095	-0.047	0.024	0.053	-0.05 (-0.09, 3.53e-04	0.005	0.001	-0.004	0.019	0.843	-3.82e-03 (-0.04, 0.0	-0.011	0.025	0.659	-0.01 (-0.06, 0.04)
9445_44	C19orf18	Q8NEA5	211	0.024	0.012	0.037	0.02 (1.47e-03, 0.05)	0.210	0.624	-0.010	0.023	0.677	-0.01 (-0.05, 0.04)	0.002	0.090	0.005	0.020	0.812	4.72e-03 (-0.03, 0.0	0.006	0.023	0.789	0.01 (-0.04, 0.05)
19213_1	SPINK4	O60575	211	0.028	0.014	0.037	0.03 (1.67e-03, 0.06)	0.212	0.001	-0.043	0.027	0.110	-0.04 (-0.09, 0.01)	0.004	0.002	0.009	0.021	0.661	0.01 (-0.03, 0.05)	0.010	0.023	0.652	0.01 (-0.03, 0.06)
13429_3	WFDC10A	Q9H1F0	211	0.024	0.012	0.037	0.02 (1.42e-03, 0.05)	0.212	0.106	-0.029	0.024	0.233	-0.03 (-0.08, 0.02)	0.003	0.011	-0.007	0.021	0.721	-0.01 (-0.05, 0.03)	-0.010	0.024	0.664	-0.01 (-0.06, 0.04)
15620_4	NLGN1	Q8N2Q7	211	-0.028	0.014	0.037	-0.03 (-0.06, -1.65e-0	0.212	0.022	0.007	0.028	0.808	0.01 (-0.05, 0.06)	-0.002	0.147	-0.002	0.025	0.932	-2.16e-03 (-0.05, 0.0	-0.014	0.026	0.599	-0.01 (-0.06, 0.04)
5664_57	DEFB106A	Q8N104	211	0.028	0.013	0.037	0.03 (1.60e-03, 0.05)	0.212	0.003	-0.045	0.026	0.086	-0.04 (-0.10, 0.01)	0.005	0.001	0.001	0.022	0.979	6.01e-04 (-0.04, 0.0	0.005	0.023	0.818	0.01 (-0.04, 0.05)
9983_97	PRSS35	Q8N3Z0	211	0.027	0.013	0.038	0.03 (1.56e-03, 0.05)	0.213	0.014	-0.038	0.025	0.139	-0.04 (-0.09, 0.01)	0.004	0.004	0.011	0.020	0.598	0.01 (-0.03, 0.05)	0.009	0.024	0.708	0.01 (-0.04, 0.06)
15381_45	DDR2	Q16832	211	0.024	0.012	0.038	0.02 (1.40e-03, 0.05)	0.213	0.522	0.001	0.023	0.969	9.05e-04 (-0.04, 0.05)	0.001	0.242	0.016	0.025	0.534	0.02 (-0.03, 0.07)	0.019	0.024	0.425	0.02 (-0.03, 0.07)
9594_30	SLC30A5	Q8TAD4	211	-0.025	0.012	0.038	-0.02 (-0.05, -1.41e-0	0.213	0.135	-0.049	0.025	0.050	-0.05 (-0.10, -2.06e-0	0.002	0.261	-0.047	0.021	0.028	-0.05 (-0.09, -0.01)	-0.046	0.025	0.062	-0.05 (-0.09, 2.07e-03)
11109_56	SVEP1	Q4LDE5	211	0.025	0.012	0.038	0.03 (1.42e-03, 0.05)	0.213	0.067	0.053	0.026	0.043	0.05 (2.01e-03, 0.10)	-0.002	0.221	0.044	0.025	0.082	0.04 (-0.01, 0.09)	0.061	0.027	0.025	0.06 (0.01, 0.11)
12574_36	EDN2	P20800	211	0.027	0.013	0.038	0.03 (1.50e-03, 0.05)	0.213	0.009	-0.012	0.026	0.630	-0.01 (-0.06, 0.04)	0.002	0.078	0.028	0.023	0.214	0.03 (-0.02, 0.07)	0.003	0.023	0.907	2.74e-03 (-0.04, 0.05)
15486_126	AOC1	P19801	211	0.027	0.013	0.038	0.03 (1.48e-03, 0.05)	0.213	0.001	-0.023	0.025	0.354	-0.02 (-0.07, 0.03)	0.003	0.022	0.010	0.019	0.587	0.01 (-0.03, 0.05)	-0.018	0.022	0.419	-0.02 (-0.06, 0.03)
5858_6	YWHAZ	P63104	211	-0.025	0.012	0.038	-0.02 (-0.05, -1.36e-0	0.213	0.140	-0.025	0.025	0.322	-0.02 (-0.07, 0.02)	0.000	0.998	-0.042	0.024	0.079	-0.04 (-0.09, 4.88e-	-0.044	0.027	0.099	-0.04 (-0.10, 0.01)
7905_30	HP	P00738	211	0.028	0.013	0.038	0.03 (1.55e-03, 0.05)	0.213	1.86E-06	-0.008	0.026	0.749	-0.01 (-0.06, 0.04)	0.002	0.111	-0.003	0.021	0.881	-3.07e-03 (-0.04, 0.0	-0.001	0.021	0.973	-7.23e-04 (-0.04, 0.04)
10713_151	CD300LB	A8K4G0	211	0.024	0.012	0.038	0.02 (1.31e-03, 0.05)	0.214	0.094	-0.023	0.024	0.353	-0.02 (-0.07, 0.03)	0.003	0.028	0.010	0.022	0.667	0.01 (-0.03, 0.05)	0.020	0.024	0.406	0.02 (-0.03, 0.07)
6407_63	LAD1	O00515	211	0.027	0.013	0.038	0.03 (1.46e-03, 0.05)	0.214	0.008	-0.029	0.025	0.254	-0.03 (-0.08, 0.02)	0.004	0.011	-0.018	0.021	0.376	-0.02 (-0.06, 0.02)	-0.021	0.024	0.386	-0.02 (-0.07, 0.03)
7761_125	CHKB	Q9Y259	211	-0.025	0.012	0.038	-0.02 (-0.05, -1.33e-0	0.214	0.206	-0.035	0.024	0.155	-0.03 (-0.08, 0.01)	0.001	0.624	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)	-0.050	0.024	0.034	-0.05 (-0.10, -4.13e-03)
8409_3	RSPO2	Q6UXX9	211	0.026	0.012	0.038	0.03 (1.38e-03, 0.05)	0.214	0.040	-0.031	0.024	0.197	-0.03 (-0.08, 0.02)	0.004	0.007	0.003	0.018	0.883	2.69e-03 (-0.03, 0.0	-0.012	0.022	0.599	-0.01 (-0.06, 0.03)
19373_3	MYL12A	P19105	211	-0.024	0.012	0.038	-0.02 (-0.05, -1.29e-0	0.215	0.564	-0.029	0.023	0.209	-0.03 (-0.07, 0.02)	0.000	0.803	-0.027	0.024	0.266	-0.03 (-0.07, 0.02)	-0.031	0.022	0.158	-0.03 (-0.07, 0.01)
5352_11	TNFRSF14	Q92956	211	0.026	0.013	0.039	0.03 (1.38e-03, 0.05)	0.215	0.026	-0.040	0.025	0.112	-0.04 (-0.09, 0.01)	0.004	0.002	0.004	0.022	0.848	4.28e-03 (-0.04, 0.0	0.009	0.023	0.686	0.01 (-0.04, 0.05)
19262_219	ACADVL	P49748	211	-0.024	0.012	0.039	-0.02 (-0.05, -1.23e-0	0.216	0.701	-0.048	0.023	0.040	-0.05 (-0.09, -2.49e-0	0.001	0.236	-0.043	0.020	0.036	-0.04 (-0.08, -2.81e	-0.042	0.024	0.086	-0.04 (-0.09, 0.01)
3415_61	IBSP	P21815	211	-0.030	0.014	0.039	-0.03 (-0.06, -1.51e-0	0.217	4.87E-05	-0.008	0.029	0.783	-0.01 (-0.06, 0.05)	-0.001	0.378	-0.027	0.025	0.274	-0.03 (-0.08, 0.02)	-0.019	0.023	0.410	-0.02 (-0.06, 0.03)
11215_6	CDH15	P55291	211	-0.025	0.012	0.039	-0.02 (-0.05, -1.23e-0	0.218	0.054	-0.032	0.026	0.223	-0.03 (-0.08, 0.02)	0.000	0.762	-0.018	0.024	0.444	-0.02 (-0.07, 0.03)	-0.028	0.026	0.281	-0.03 (-0.08, 0.02)
14146_92	HIST1H3A	P68431	211	-0.024	0.012	0.039	-0.02 (-0.05, -1.20e-0	0.218	0.829	-0.029	0.023	0.218	-0.03 (-0.07, 0.02)	0.000	0.821	-0.024	0.024	0.324	-0.02 (-0.07, 0.02)	-0.033	0.024	0.177	-0.03 (-0.08, 0.01)
11571_75	KLRC3	Q07444	211	0.028	0.014	0.040	0.03 (1.34e-03, 0.06)	0.219	0.001	-0.029	0.027	0.277	-0.03 (-0.08, 0.02)	0.004	0.014	0.002	0.022	0.918	2.29e-03 (-0.04, 0.0	0.011	0.024	0.665	0.01 (-0.04, 0.06)
12348_46	SARS2	Q9NP81	211	-0.024	0.012	0.040	-0.02 (-0.05, -1.14e-0	0.219	0.303	-0.052	0.023	0.027	-0.05 (-0.10, -0.01)	0.002	0.162	-0.034	0.021	0.101	-0.03 (-0.08, 0.01)	-0.036	0.024	0.132	-0.04 (-0.08, 0.01)
12774_12	HCN1	O60741	211	0.024	0.012	0.040	0.02 (1.14e-03, 0.05)	0.220	0.415	-0.021	0.023	0.376	-0.02 (-0.07, 0.03)	0.003	0.027	-0.010	0.024	0.693	-0.01 (-0.06, 0.04)	-0.016	0.024	0.489	-0.02 (-0.06, 0.03)
11364_18	MFN1	Q8IWA4	211	0.024	0.012	0.040	0.02 (1.10e-03, 0.05)	0.220	0.256	-0.027	0.023	0.247	-0.03 (-0.07, 0.02)	0.003	0.012	0.001	0.020	0.974	6.30e-04 (-0.04, 0.0	-0.013	0.023	0.560	-0.01 (-0.06, 0.03)
15529_33	CSRP1	P21291	211	-0.025	0.012	0.040	-0.02 (-0.05, -1.15e-0	0.220	0.071	-0.030	0.026	0.242	-0.03 (-0.08, 0.02)	0.000	0.810	-0.040	0.025	0.102	-0.04 (-0.09, 0.01)	-0.040	0.024	0.098	-0.04 (-0.09, 0.01)
8931_124	G0S2	P27469	211	0.024	0.011	0.040	0.02 (1.10e-03, 0.05)	0.220	0.064	-0.002	0.024	0.924	-2.34e-03 (-0.05, 0.05	0.002	0.220	0.014	0.024	0.543	0.01 (-0.03, 0.06)	0.019	0.023	0.415	0.02 (-0.03, 0.06)
17435_43	ETFA	P13804	211	0.028	0.014	0.040	0.03 (1.31e-03, 0.06)	0.220	2.37E-04	-0.028	0.027	0.309	-0.03 (-0.08, 0.03)	0.004	0.018	0.008	0.020	0.680	0.01 (-0.03, 0.05)	0.004	0.023	0.846	4.44e-03 (-0.04, 0.05)
4332_6	CLEC1B	Q9P126	211	-0.027	0.013	0.040	-0.03 (-0.05, -1.21e-0	0.221	0.026	-0.046	0.026	0.079	-0.05 (-0.10, 0.01)	0.001	0.397	-0.059	0.022	0.009	-0.06 (-0.10, -0.01)	-0.052	0.026	0.043	-0.05 (-0.10, -1.90e-03)
3291_30	FCER2	P06734	211	0.029	0.014	0.040	0.03 (1.28e-03, 0.06)	0.222	0.003	0.027	0.028	0.343	0.03 (-0.03, 0.08)	0.000	0.929	0.028	0.024	0.240	0.03 (-0.02, 0.07)	0.025	0.026	0.331	0.03 (-0.03, 0.08)
5754_76	INSL6	Q9Y581	211	0.024	0.012	0.040	0.02 (1.04e-03, 0.05)	0.222	0.144	-0.015	0.024	0.543	-0.01 (-0.06, 0.03)	0.002	0.066	-0.004	0.023	0.865	-3.93e-03 (-0.05, 0.0	0.008	0.022	0.707	0.01 (-0.03, 0.05)
9837_60	NQO1	P15559	211	0.026	0.013	0.041	0.03 (1.13e-03, 0.05)	0.222	0.001	0.004	0.025	0.887	3.61e-03 (-0.05, 0.05)	0.001	0.305	-0.007	0.020	0.732	-0.01 (-0.05, 0.03)	0.001	0.023	0.955	1.27e-03 (-0.04, 0.05)
10512_13	CSF2RB	P32927	211	0.025	0.012	0.041	0.03 (1.07e-03, 0.05)	0.223	0.632	0.003	0.025	0.907	2.90e-03 (-0.05, 0.05)	0.001	0.303	0.003	0.025	0.915	2.65e-03 (-0.05, 0.0	-0.007	0.027	0.792	-0.01 (-0.06, 0.04)
9398_30	GALP	Q9UBC7	211	0.024	0.012	0.041	0.02 (9.99e-04, 0.05)	0.223	0.063	-0.029	0.025	0.246	-0.03 (-0.08, 0.02)	0.003	0.015	-0.008	0.022	0.709	-0.01 (-0.05, 0.04)	-0.004	0.022	0.839	-4.48e-03 (-0.05, 0.04)
2973_15	CD36	P16671	211	0.030	0.015	0.041	0.03 (1.23e-03, 0.06)	0.224	4.10E-06	-0.022	0.029	0.450	-0.02 (-0.08, 0.03)	0.003	0.039	-0.005	0.022	0.826	-4.80e-03 (-0.05, 0.0	-0.010	0.027	0.696	-0.01 (-0.06, 0.04)
3805_16	ESM1	Q9NQ30	211	-0.028	0.014	0.041	-0.03 (-0.06, -1.13e-0	0.225	4.64E-04	-0.015	0.028	0.575	-0.02 (-0.07, 0.04)	-0.001	0.590	-0.018	0.022	0.400	-0.02 (-0.06, 0.02)	-0.022	0.025	0.381	-0.02 (-0.07, 0.03)
8042_88	SPINK9	Q5DT21	211	0.024	0.012	0.041	0.02 (9.58e-04, 0.05)	0.225	0.089	-0.042	0.025	0.093	-0.04 (-0.09, 0.01)	0.004	0.002	-0.023	0.022	0.296	-0.02 (-0.07, 0.02)	-0.024	0.024	0.308	-0.02 (-0.07, 0.02)
13230_174	IGHG2	P01859	211	0.024	0.012	0.041	0.02 (9.24e-04, 0.05)	0.225	0.220	-0.017	0.024	0.482	-0.02 (-0.06, 0.03)	0.003	0.050	-0.006	0.024	0.808	-0.01 (-0.05, 0.04)	-0.012	0.025	0.636	-0.01 (-0.06, 0.04)
12754_14	CSDC2	Q9Y534	211	0.026	0.013	0.042	0.03 (9.91e-04, 0.05)	0.226	0.042	-0.053	0.025	0.034	-0.05 (-0.10, -4.34e-0	0.005	2.82E-04	0.002	0.021	0.914	2.31e-03 (-0.04, 0.0	0.005	0.025	0.854	4.59e-03 (-0.04, 0.05)
12798_46	SLC4A8	Q2Y0W8	211	0.026	0.013	0.042	0.03 (9.70e-04, 0.05)	0.227	0.009	-0.042	0.025	0.099	-0.04 (-0.09, 0.01)	0.004	0.002	-0.002	0.022	0.922	-2.13e-03 (-0.04, 0.0	-0.005	0.022	0.835	-4.58e-03 (-0.05, 0.04)
17778_19	RAB32	Q13637	211	-0.024	0.012	0.042	-0.02 (-0.05, -8.76e-0	0.227	0.327	-0.036	0.024	0.135	-0.04 (-0.08, 0.01)	0.001	0.565	-0.048	0.022	0.033	-0.05 (-0.09, -3.90e	-0.045	0.024	0.064	-0.05 (-0.09, 2.43e-03)
5029_3	FAP	Q12884	211	0.028	0.014	0.042	0.03 (1.01e-03, 0.06)	0.228	4.21E-04	0.022	0.028	0.433	0.02 (-0.03, 0.08)	0.000	0.781	0.008	0.024	0.728	0.01 (-0.04, 0.06)	0.001	0.024	0.961	1.19e-03 (-0.05, 0.05)
15439_21	RND3	P61587	211	0.024	0.012	0.042	0.02 (8.40e-04, 0.05)	0.229	0.606	-0.012	0.023	0.615	-0.01 (-0.06, 0.03)	0.002	0.078	0.006	0.020	0.772	0.01 (-0.03, 0.05)	-0.005	0.025	0.842	-4.91e-03 (-0.05, 0.04)
13689_2	ODC1	P11926	211	0.028	0.014	0.042	0.03 (9.61e-04, 0.05)	0.229	0.002	-0.038	0.027	0.159	-0.04 (-0.09, 0.01)	0.004	0.005	0.018	0.026	0.486	0.02 (-0.03, 0.07)	0.015	0.025	0.552	0.01 (-0.03, 0.06)
9815_5	ARHGAP1	Q07960	211	0.023	0.011	0.042	0.02 (7.91e-04, 0.05)	0.229	0.325	-0.012	0.021	0.569	-0.01 (-0.05, 0.03)	0.002	0.053	0.002	0.023	0.933	1.95e-03 (-0.04, 0.0	0.001	0.020	0.968	8.08e-04 (-0.04, 0.04)
11425_31	RUFY1	Q96T51	211	0.027	0.013	0.042	0.03 (9.12e-04, 0.05)	0.229	0.004	-0.050	0.026	0.054	-0.05 (-0.10, 6.15e-04	0.005	0.001	0.005	0.022	0.828	4.87e-03 (-0.04, 0.0	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)
15449_33	TIMD4	Q96H15	211	0.032	0.016	0.043	0.03 (1.04e-03, 0.06)	0.230	9.51E-07	0.004	0.032	0.902	3.97e-03 (-0.06, 0.07)	0.002	0.323	0.001	0.025	0.955	1.39e-03 (-0.05, 0.0	-0.001	0.027	0.957	-1.44e-03 (-0.05, 0.05)
12687_2	DECR1	Q16698	211	-0.024	0.012	0.043	-0.02 (-0.05, -6.92e-0	0.234	0.790	-0.044	0.023	0.063	-0.04 (-0.09, 2.17e-03	0.001	0.324	-0.042	0.023	0.064	-0.04 (-0.09, 2.45e-	-0.039	0.024	0.112	-0.04 (-0.09, 0.01)
8297_8	DNAJC10	Q8IXB1	211	-0.027	0.013	0.044	-0.03 (-0.05, -7.87e-0	0.234	0.001	-0.048	0.027	0.076	-0.05 (-0.10, 4.69e-03	0.001	0.375	-0.052	0.022	0.020	-0.05 (-0.10, -0.01)	-0.052	0.024	0.030	-0.05 (-0.10, -0.01)
7999_23	ENTPD1	P49961	211	0.028	0.014	0.044	0.03 (7.87e-04, 0.06)	0.235	0.001	0.037	0.028	0.181	0.04 (-0.02, 0.09)	-0.001	0.702	0.004	0.021	0.865	3.54e-03 (-0.04, 0.0	0.003	0.028	0.928	2.55e-03 (-0.05, 0.06)
12663_1	TST	Q16762	211	0.024	0.012	0.044	0.02 (6.63e-04, 0.05)	0.235	2.52E-05	-0.019	0.023	0.406	-0.02 (-0.06, 0.03)	0.003	0.032	-0.006	0.018	0.764	-0.01 (-0.04, 0.03)	0.004	0.018	0.822	4.17e-03 (-0.03, 0.04)
10575_31	PUF60	Q9UHX1	211	0.026	0.013	0.044	0.03 (6.86e-04, 0.05)	0.236	0.030	-0.030	0.025	0.240	-0.03 (-0.08, 0.02)	0.003	0.011	-0.024	0.020	0.230	-0.02 (-0.06, 0.02)	-0.025	0.026	0.350	-0.02 (-0.08, 0.03)
15544_25	KLK14	Q9P0G3	211	-0.030	0.015	0.044	-0.03 (-0.06, -8.08e-0	0.236	1.15E-04	0.024	0.029	0.409	0.02 (-0.03, 0.08)	-0.003	0.033	0.016	0.021	0.448	0.02 (-0.03, 0.06)	0.046	0.025	0.071	0.05 (-3.66e-03, 0.10)
7227_75	COCH	O43405	211	-0.027	0.014	0.044	-0.03 (-0.05, -7.28e-0	0.236	0.033	-0.064	0.027	0.017	-0.06 (-0.12, -0.01)	0.002	0.112	-0.063	0.022	0.004	-0.06 (-0.11, -0.02)	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)
5116_62	ROBO2	Q9HCK4	211	0.027	0.013	0.044	0.03 (7.08e-04, 0.05)	0.236	0.015	0.037	0.027	0.168	0.04 (-0.02, 0.09)	-0.001	0.668	0.000	0.026	0.985	-4.70e-04 (-0.05, 0.0	-0.005	0.027	0.861	-4.68e-03 (-0.06, 0.05)
5610_32	FAM171A1	Q5VUB5	211	0.023	0.012	0.044	0.02 (6.01e-04, 0.05)	0.236	0.082	-0.009	0.025	0.713	-0.01 (-0.06, 0.04)	0.002	0.128	0.002	0.020	0.905	2.37e-03 (-0.04, 0.0	0.004	0.023	0.874	3.69e-03 (-0.04, 0.05)
15641_20	TMEFF1	Q8IYR6	211	-0.029	0.014	0.045	-0.03 (-0.06, -6.94e-0	0.238	7.84E-05	-0.067	0.028	0.018	-0.07 (-0.12, -0.01)	0.002	0.116	-0.056	0.023	0.017	-0.06 (-0.10, -0.01)	-0.052	0.025	0.037	-0.05 (-0.10, -3.49e-03)
12803_9	ZNF329	Q86UD4	211	0.023	0.012	0.045	0.02 (5.60e-04, 0.05)	0.238	0.137	-0.048	0.024	0.042	-0.05 (-0.09, -2.00e-0	0.005	0.001	-0.004	0.020	0.856	-3.66e-03 (-0.04, 0.0	-0.007	0.022	0.745	-0.01 (-0.05, 0.04)
16305_10	CDH11	P55287	211	0.030	0.015	0.045	0.03 (6.48e-04, 0.06)	0.240	3.42E-05	0.005	0.029	0.876	4.61e-03 (-0.05, 0.06)	0.002	0.326	-0.005	0.024	0.837	-4.94e-03 (-0.05, 0.0	0.006	0.026	0.822	0.01 (-0.05, 0.06)
4187_49	PGD	P52209	211	-0.026	0.013	0.045	-0.03 (-0.05, -5.81e-0	0.240	0.028	-0.032	0.026	0.217	-0.03 (-0.08, 0.02)	0.000	0.789	-0.042	0.026	0.116	-0.04 (-0.09, 0.01)	-0.053	0.026	0.043	-0.05 (-0.10, -2.02e-03)
11105_171	ENO1	P06733	211	-0.024	0.012	0.045	-0.02 (-0.05, -5.03e-0	0.240	0.054	-0.025	0.025	0.315	-0.03 (-0.08, 0.02)	0.000	0.934	-0.040	0.025	0.104	-0.04 (-0.09, 0.01)	-0.053	0.023	0.024	-0.05 (-0.10, -0.01)
7228_2	ST6GALNA	Q969X2	211	-0.028	0.014	0.045	-0.03 (-0.05, -5.83e-0	0.240	0.001	-0.019	0.028	0.491	-0.02 (-0.07, 0.03)	-0.001	0.715	-0.023	0.026	0.368	-0.02 (-0.07, 0.03)	-0.028	0.023	0.220	-0.03 (-0.07, 0.02)
5090_49	LILRB1	Q8NHL6	211	0.031	0.015	0.046	0.03 (5.82e-04, 0.06)	0.242	6.33E-13	0.006	0.031	0.854	0.01 (-0.05, 0.07)	0.002	0.347	0.006	0.022	0.768	0.01 (-0.04, 0.05)	0.011	0.024	0.644	0.01 (-0.04, 0.06)
6520_87	MGP	P08493	211	0.024	0.012	0.046	0.02 (4.26e-04, 0.05)	0.243	0.056	-0.025	0.025	0.330	-0.02 (-0.07, 0.02)	0.003	0.027	0.004	0.020	0.829	4.28e-03 (-0.03, 0.0	-0.004	0.023	0.859	-4.15e-03 (-0.05, 0.04)
12508_9	VPS24	Q9Y3E7	211	-0.024	0.012	0.046	-0.02 (-0.05, -4.18e-0	0.244	0.072	-0.050	0.025	0.049	-0.05 (-0.10, -5.41e-0	0.002	0.229	-0.062	0.021	0.004	-0.06 (-0.10, -0.02)	-0.067	0.024	0.005	-0.07 (-0.11, -0.02)
12795_2	ZNF566	Q969W8	211	0.023	0.012	0.046	0.02 (3.86e-04, 0.05)	0.244	0.069	-0.032	0.025	0.195	-0.03 (-0.08, 0.02)	0.003	0.010	-0.015	0.021	0.474	-0.01 (-0.06, 0.03)	-0.014	0.022	0.540	-0.01 (-0.06, 0.03)
18271_43	OXSM	Q9NWU1	211	-0.025	0.013	0.046	-0.03 (-0.05, -4.16e-0	0.244	0.036	-0.056	0.025	0.025	-0.06 (-0.10, -0.01)	0.002	0.147	-0.039	0.019	0.040	-0.04 (-0.08, -1.79e	-0.055	0.023	0.020	-0.05 (-0.10, -0.01)
8660_5	OLFML3	Q9NRN5	211	0.024	0.012	0.046	0.02 (3.98e-04, 0.05)	0.244	0.089	0.014	0.026	0.599	0.01 (-0.04, 0.06)	0.001	0.633	0.012	0.025	0.628	0.01 (-0.04, 0.06)	0.021	0.024	0.399	0.02 (-0.03, 0.07)
9051_13	IL32	P24001	211	0.023	0.012	0.047	0.02 (3.54e-04, 0.05)	0.245	0.468	-0.006	0.023	0.800	-0.01 (-0.05, 0.04)	0.002	0.147	0.005	0.020	0.789	0.01 (-0.03, 0.04)	-0.003	0.023	0.880	-3.44e-03 (-0.05, 0.04)
12329_21	RPS6KA1	Q15418	211	0.024	0.012	0.047	0.02 (3.59e-04, 0.05)	0.245	0.001	-0.021	0.024	0.379	-0.02 (-0.07, 0.03)	0.003	0.029	-0.001	0.017	0.938	-1.34e-03 (-0.04, 0.0	-0.020	0.022	0.358	-0.02 (-0.06, 0.02)
5637_81	NTNG1	Q9Y2I2	211	0.023	0.012	0.047	0.02 (3.43e-04, 0.05)	0.245	0.125	0.020	0.024	0.401	0.02 (-0.03, 0.07)	0.000	0.899	0.011	0.024	0.655	0.01 (-0.04, 0.06)	0.006	0.024	0.806	0.01 (-0.04, 0.05)
10396_6	MCL1	Q07820	211	0.023	0.012	0.047	0.02 (3.32e-04, 0.05)	0.245	0.176	-0.030	0.024	0.201	-0.03 (-0.08, 0.02)	0.003	0.010	0.000	0.019	0.986	-3.33e-04 (-0.04, 0.0	-0.025	0.025	0.326	-0.02 (-0.07, 0.02)
2837_3	MET	P08581	211	-0.034	0.017	0.047	-0.03 (-0.07, -4.76e-0	0.245	7.35E-13	0.024	0.034	0.491	0.02 (-0.04, 0.09)	-0.004	0.055	-0.009	0.025	0.709	-0.01 (-0.06, 0.04)	-0.017	0.029	0.560	-0.02 (-0.07, 0.04)
8892_14	PEAR1	Q5VY43	211	-0.023	0.012	0.047	-0.02 (-0.05, -3.05e-0	0.246	0.067	-0.041	0.025	0.098	-0.04 (-0.09, 0.01)	0.001	0.401	-0.056	0.022	0.010	-0.06 (-0.10, -0.01)	-0.055	0.025	0.029	-0.05 (-0.10, -0.01)
16585_16	B3GNT4	Q9C0J1	211	0.023	0.012	0.047	0.02 (2.91e-04, 0.05)	0.247	0.073	-0.030	0.024	0.219	-0.03 (-0.08, 0.02)	0.003	0.012	-0.001	0.023	0.957	-1.25e-03 (-0.05, 0.0	0.003	0.024	0.897	3.09e-03 (-0.04, 0.05)
13545_97	EIF1AD	Q8N9N8	211	-0.023	0.012	0.047	-0.02 (-0.05, -2.78e-0	0.247	0.102	-0.033	0.025	0.181	-0.03 (-0.08, 0.02)	0.001	0.642	-0.044	0.024	0.063	-0.04 (-0.09, 2.39e-	-0.042	0.023	0.067	-0.04 (-0.09, 2.75e-03)
9468_8	LMAN2	Q12907	211	0.027	0.013	0.047	0.03 (3.08e-04, 0.05)	0.247	0.024	0.023	0.027	0.402	0.02 (-0.03, 0.07)	0.000	0.860	-0.001	0.023	0.961	-1.11e-03 (-0.05, 0.0	-0.005	0.026	0.859	-4.61e-03 (-0.06, 0.05)
14685_17	AKT2	P31751	211	0.033	0.016	0.048	0.03 (3.58e-04, 0.06)	0.248	2.03E-13	-0.021	0.033	0.513	-0.02 (-0.09, 0.04)	0.003	0.057	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)	-0.003	0.024	0.894	-3.24e-03 (-0.05, 0.04)
18321_38	MTHFD2	P13995	211	-0.023	0.012	0.048	-0.02 (-0.05, -2.27e-0	0.249	0.358	-0.034	0.024	0.152	-0.03 (-0.08, 0.01)	0.001	0.599	-0.049	0.021	0.022	-0.05 (-0.09, -0.01)	-0.041	0.022	0.067	-0.04 (-0.08, 2.62e-03)
5714_88	IFNA6	P05013	211	0.023	0.012	0.048	0.02 (2.25e-04, 0.05)	0.249	0.051	-0.029	0.025	0.245	-0.03 (-0.08, 0.02)	0.003	0.016	-0.005	0.022	0.811	-0.01 (-0.05, 0.04)	0.009	0.022	0.696	0.01 (-0.03, 0.05)
11715_1	POU2F1	P14859	211	0.023	0.012	0.048	0.02 (2.11e-04, 0.05)	0.249	0.093	-0.029	0.024	0.239	-0.03 (-0.08, 0.02)	0.003	0.014	-0.004	0.022	0.864	-3.84e-03 (-0.05, 0.0	0.003	0.023	0.902	2.85e-03 (-0.04, 0.05)
5459_33	CST1	P01037	211	-0.023	0.012	0.048	-0.02 (-0.05, -2.14e-0	0.249	0.147	0.013	0.025	0.591	0.01 (-0.03, 0.06)	-0.002	0.085	0.006	0.023	0.799	0.01 (-0.04, 0.05)	-0.007	0.025	0.773	-0.01 (-0.06, 0.04)
14034_22	TACSTD2	P09758	211	0.023	0.012	0.048	0.02 (1.87e-04, 0.05)	0.250	0.151	-0.041	0.024	0.094	-0.04 (-0.09, 0.01)	0.004	0.002	-0.020	0.022	0.346	-0.02 (-0.06, 0.02)	-0.012	0.022	0.598	-0.01 (-0.06, 0.03)
3285_23	C1R	P00736	211	0.024	0.012	0.048	0.02 (1.81e-04, 0.05)	0.250	0.350	-0.022	0.025	0.370	-0.02 (-0.07, 0.03)	0.003	0.034	0.002	0.023	0.920	2.35e-03 (-0.04, 0.0	0.003	0.026	0.897	3.32e-03 (-0.05, 0.05)
8671_378	TRAPPC5	Q8IUR0	211	0.023	0.012	0.048	0.02 (1.59e-04, 0.05)	0.251	0.095	-0.049	0.024	0.042	-0.05 (-0.10, -2.04e-0	0.005	0.001	-0.003	0.019	0.876	-3.00e-03 (-0.04, 0.0	-0.014	0.022	0.529	-0.01 (-0.06, 0.03)
18864_7	PRSS3	P35030	211	0.066	0.034	0.049	0.07 (4.27e-04, 0.13)	0.251	2.51E-237	0.025	0.067	0.708	0.02 (-0.11, 0.16)	0.003	0.474	0.053	0.023	0.020	0.05 (0.01, 0.10)	0.057	0.023	0.015	0.06 (0.01, 0.10)
17814_8	BPNT1	O95861	211	-0.026	0.013	0.049	-0.03 (-0.05, -1.28e-0	0.252	0.029	-0.034	0.026	0.184	-0.03 (-0.09, 0.02)	0.001	0.690	-0.042	0.026	0.106	-0.04 (-0.09, 0.01)	-0.057	0.026	0.031	-0.06 (-0.11, -0.01)
6462_12	TIMP4	Q99727	211	-0.047	0.024	0.049	-0.05 (-0.09, -2.34e-0	0.252	8.83E-72	-0.074	0.048	0.121	-0.07 (-0.17, 0.02)	0.002	0.513	-0.089	0.025	3.07E-04	-0.09 (-0.14, -0.04)	-0.091	0.025	0.000	-0.09 (-0.14, -0.04)
6597_24	FAM174A	Q8TBP5	211	0.023	0.012	0.049	0.02 (1.23e-04, 0.05)	0.252	0.731	-0.028	0.023	0.229	-0.03 (-0.07, 0.02)	0.003	0.011	-0.003	0.024	0.901	-2.93e-03 (-0.05, 0.0	-0.009	0.025	0.726	-0.01 (-0.06, 0.04)
7121_2	SYT7	O43581	211	0.023	0.012	0.049	0.02 (1.12e-04, 0.05)	0.252	0.379	-0.013	0.023	0.569	-0.01 (-0.06, 0.03)	0.002	0.074	-0.001	0.021	0.945	-1.47e-03 (-0.04, 0.0	0.002	0.022	0.923	2.12e-03 (-0.04, 0.04)
3432_21	EPHA3	P29320	211	0.023	0.012	0.049	0.02 (1.01e-04, 0.05)	0.252	0.162	-0.029	0.024	0.213	-0.03 (-0.08, 0.02)	0.003	0.011	-0.007	0.022	0.753	-0.01 (-0.05, 0.04)	-0.001	0.024	0.962	-1.15e-03 (-0.05, 0.05)
11926_23	AAGAB	Q6PD74	211	-0.024	0.012	0.049	-0.02 (-0.05, -9.23e-0	0.252	0.401	-0.031	0.024	0.210	-0.03 (-0.08, 0.02)	0.000	0.744	-0.049	0.023	0.031	-0.05 (-0.09, -4.54e	-0.045	0.027	0.090	-0.05 (-0.10, 0.01)
17511_10	RPP30	P78346	211	0.025	0.013	0.049	0.03 (8.03e-05, 0.05)	0.253	0.011	-0.028	0.025	0.251	-0.03 (-0.08, 0.02)	0.003	0.012	0.004	0.024	0.875	3.74e-03 (-0.04, 0.0	0.011	0.023	0.625	0.01 (-0.03, 0.06)
6543_182	PRLH	P81277	211	0.027	0.014	0.049	0.03 (9.02e-05, 0.05)	0.253	9.42E-05	-0.052	0.027	0.051	-0.05 (-0.10, -1.73e-0	0.005	0.001	0.017	0.019	0.379	0.02 (-0.02, 0.05)	0.004	0.023	0.854	4.31e-03 (-0.04, 0.05)
17781_191	MAP1LC3A	Q9H492	211	-0.028	0.014	0.049	-0.03 (-0.06, -8.25e-0	0.253	5.08E-05	-0.077	0.029	0.008	-0.08 (-0.13, -0.02)	0.003	0.053	-0.056	0.025	0.025	-0.06 (-0.10, -0.01)	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)
9823_2	DHFR	P00374	211	0.024	0.012	0.049	0.02 (5.65e-05, 0.05)	0.253	0.096	-0.036	0.025	0.146	-0.04 (-0.09, 0.01)	0.004	0.006	-0.019	0.022	0.372	-0.02 (-0.06, 0.02)	-0.014	0.024	0.569	-0.01 (-0.06, 0.03)
13484_69	COL1A1	P02452	211	0.023	0.012	0.050	0.02 (3.42e-05, 0.05)	0.253	0.062	-0.027	0.024	0.270	-0.03 (-0.07, 0.02)	0.003	0.020	-0.006	0.022	0.771	-0.01 (-0.05, 0.04)	0.000	0.024	0.993	1.99e-04 (-0.05, 0.05)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
15446_25	NRG1	Q02297	211	0.029	0.015	0.050	0.03 (4.47e-05, 0.06)	0.253	1.54E-07	0.008	0.029	0.774	0.01 (-0.05, 0.07)	0.001	0.417	-0.009	0.020	0.654	-0.01 (-0.05, 0.03)	-0.012	0.024	0.618	-0.01 (-0.06, 0.04)
17153_46	KIR2DL3	P43628	211	-0.106	0.054	0.050	-0.11 (-0.21, -1.42e-0	0.253	0.00E+00	-0.105	0.108	0.329	-0.11 (-0.32, 0.11)	0.000	0.996	0.006	0.021	0.777	0.01 (-0.04, 0.05)	-0.004	0.026	0.883	-3.85e-03 (-0.06, 0.05)
9719_145	MMP16	P51512	211	0.023	0.012	0.050	0.02 (3.81e-05, 0.05)	0.253	0.498	-0.030	0.023	0.202	-0.03 (-0.07, 0.02)	0.003	0.009	-0.012	0.020	0.537	-0.01 (-0.05, 0.03)	-0.019	0.023	0.402	-0.02 (-0.06, 0.03)
12515_45	UCK2	Q9BZX2	211	0.025	0.013	0.050	0.03 (2.69e-05, 0.05)	0.253	0.010	-0.021	0.025	0.402	-0.02 (-0.07, 0.03)	0.003	0.034	0.010	0.019	0.612	0.01 (-0.03, 0.05)	0.001	0.024	0.976	7.11e-04 (-0.05, 0.05)
9599_6	PIANP	Q8IYJ0	211	-0.025	0.013	0.050	-0.03 (-0.05, -1.83e-0	0.253	0.021	0.018	0.025	0.479	0.02 (-0.03, 0.07)	-0.003	0.048	0.003	0.024	0.892	3.24e-03 (-0.04, 0.0	-0.007	0.025	0.792	-0.01 (-0.06, 0.04)
5648_28	CTRB2	Q6GPI1	211	0.182	0.093	0.050	0.18 (-1.67e-04, 0.36)	0.255	0.00E+00	0.405	0.183	0.028	0.41 (0.05, 0.76)	-0.014	0.160	0.054	0.020	0.007	0.05 (0.01, 0.09)	0.056	0.022	0.010	0.06 (0.01, 0.10)
12721_4	TAX1BP1	Q86VP1	211	0.023	0.012	0.050	0.02 (-3.42e-05, 0.05)	0.255	0.056	-0.055	0.024	0.024	-0.06 (-0.10, -0.01)	0.005	2.57E-04	-0.003	0.018	0.871	-2.98e-03 (-0.04, 0.	-0.018	0.022	0.422	-0.02 (-0.06, 0.03)
17357_33	SEPSECS	Q9HD40	211	0.023	0.012	0.050	0.02 (-3.83e-05, 0.05)	0.255	0.170	-0.014	0.024	0.565	-0.01 (-0.06, 0.03)	0.002	0.079	-0.007	0.020	0.724	-0.01 (-0.05, 0.03)	-0.011	0.025	0.668	-0.01 (-0.06, 0.04)
6472_40	PMEL	P40967	211	0.029	0.015	0.050	0.03 (-4.63e-05, 0.06)	0.255	1.22E-05	0.072	0.029	0.013	0.07 (0.02, 0.13)	-0.003	0.080	0.027	0.020	0.185	0.03 (-0.01, 0.07)	0.040	0.024	0.096	0.04 (-0.01, 0.09)
19177_7	MOBKL1A	Q7L9L4	211	-0.025	0.013	0.051	-0.03 (-0.05, 8.76e-05	0.257	0.039	-0.032	0.026	0.221	-0.03 (-0.08, 0.02)	0.000	0.773	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	-0.049	0.026	0.057	-0.05 (-0.10, 1.26e-03)
13613_23	AK5	Q9Y6K8	211	0.023	0.012	0.051	0.02 (-1.00e-04, 0.05)	0.257	0.181	-0.011	0.024	0.639	-0.01 (-0.06, 0.04)	0.002	0.101	0.031	0.024	0.203	0.03 (-0.02, 0.08)	0.027	0.023	0.241	0.03 (-0.02, 0.07)
15383_200	EDN3	P14138	211	0.027	0.014	0.051	0.03 (-1.08e-04, 0.05)	0.257	1.57E-04	-0.038	0.027	0.162	-0.04 (-0.09, 0.01)	0.004	0.006	-0.007	0.022	0.741	-0.01 (-0.05, 0.04)	-0.002	0.023	0.943	-1.67e-03 (-0.05, 0.04)
17350_13	CHMP2B	Q9UQN3	211	-0.023	0.012	0.051	-0.02 (-0.05, 1.05e-04	0.257	0.097	-0.049	0.025	0.054	-0.05 (-0.10, 6.56e-04	0.002	0.245	-0.042	0.024	0.074	-0.04 (-0.09, 4.05e-	-0.045	0.024	0.065	-0.04 (-0.09, 2.54e-03)
4282_3	RAN	P62826	211	-0.023	0.012	0.051	-0.02 (-0.05, 9.86e-05	0.257	0.119	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.001	0.434	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)	-0.043	0.022	0.052	-0.04 (-0.09, 1.71e-04)
4217_49	HSD17B10	Q99714	211	-0.023	0.012	0.051	-0.02 (-0.05, 1.09e-04	0.257	0.469	-0.047	0.023	0.046	-0.05 (-0.09, -1.08e-0	0.001	0.237	-0.036	0.022	0.097	-0.04 (-0.08, 0.01)	-0.046	0.025	0.069	-0.05 (-0.10, 3.32e-03)
3302_58	CST7	O76096	211	0.026	0.013	0.051	0.03 (-1.37e-04, 0.05)	0.257	0.007	-0.055	0.026	0.034	-0.06 (-0.11, -4.53e-0	0.005	3.33E-04	0.016	0.021	0.428	0.02 (-0.02, 0.06)	-0.050	0.026	0.055	-0.05 (-0.10, 8.13e-04)
14128_121	IFNA10	P01566	211	0.023	0.012	0.051	0.02 (-1.32e-04, 0.05)	0.258	0.091	-0.018	0.025	0.462	-0.02 (-0.07, 0.03)	0.003	0.058	0.001	0.022	0.970	8.55e-04 (-0.04, 0.0	0.005	0.024	0.832	0.01 (-0.04, 0.05)
8932_1	ENTPD6	O75354	211	0.027	0.014	0.051	0.03 (-1.58e-04, 0.05)	0.258	0.001	-0.028	0.027	0.304	-0.03 (-0.08, 0.03)	0.003	0.020	-0.008	0.022	0.702	-0.01 (-0.05, 0.03)	-0.005	0.023	0.832	-4.98e-03 (-0.05, 0.04)
2615_60	EFNA5	P52803	211	0.028	0.014	0.051	0.03 (-1.76e-04, 0.06)	0.258	2.87E-04	0.017	0.029	0.555	0.02 (-0.04, 0.07)	0.001	0.672	0.000	0.022	0.993	-1.95e-04 (-0.04, 0.	0.000	0.026	0.993	2.37e-04 (-0.05, 0.05)
13116_25	CD177	Q8N6Q3	211	0.022	0.011	0.052	0.02 (-1.45e-04, 0.04)	0.258	0.036	0.035	0.022	0.110	0.04 (-0.01, 0.08)	-0.001	0.471	0.000	0.018	0.994	-1.38e-04 (-0.04, 0.	0.002	0.021	0.918	2.17e-03 (-0.04, 0.04)
5659_11	TRH	P20396	211	0.024	0.013	0.052	0.02 (-1.71e-04, 0.05)	0.258	0.040	-0.024	0.025	0.337	-0.02 (-0.07, 0.02)	0.003	0.025	0.000	0.024	0.987	-3.82e-04 (-0.05, 0.	0.004	0.024	0.868	3.97e-03 (-0.04, 0.05)
11122_97	SPG21	Q9NZD8	211	-0.023	0.012	0.052	-0.02 (-0.05, 1.84e-04	0.259	0.228	-0.068	0.024	0.004	-0.07 (-0.11, -0.02)	0.003	0.026	-0.044	0.021	0.034	-0.04 (-0.09, -3.31e-	-0.048	0.023	0.039	-0.05 (-0.09, -2.67e-03)
14708_59	C8G	P07360	211	0.023	0.012	0.052	0.02 (-2.02e-04, 0.05)	0.260	0.065	-0.025	0.025	0.331	-0.02 (-0.07, 0.02)	0.003	0.029	0.012	0.025	0.641	0.01 (-0.04, 0.06)	0.018	0.023	0.435	0.02 (-0.03, 0.06)
9585_80	CLMP	Q9H6B4	211	0.023	0.012	0.052	0.02 (-2.07e-04, 0.05)	0.260	0.275	-0.025	0.024	0.292	-0.03 (-0.07, 0.02)	0.003	0.021	0.003	0.023	0.891	3.22e-03 (-0.04, 0.0	-0.003	0.024	0.899	-3.01e-03 (-0.05, 0.04)
7196_21	IFNW1	P05000	211	0.022	0.011	0.052	0.02 (-2.13e-04, 0.04)	0.260	0.113	-0.045	0.023	0.056	-0.04 (-0.09, 9.17e-04	0.004	0.001	-0.003	0.019	0.894	-2.56e-03 (-0.04, 0.	-0.007	0.023	0.752	-0.01 (-0.05, 0.04)
18240_6	OMP	P47874	211	0.023	0.012	0.053	0.02 (-2.59e-04, 0.05)	0.262	0.342	-0.051	0.023	0.031	-0.05 (-0.10, -4.80e-0	0.005	3.39E-04	0.019	0.019	0.329	0.02 (-0.02, 0.06)	0.002	0.024	0.929	2.15e-03 (-0.05, 0.05)
12766_33	GPR142	Q7Z601	211	0.022	0.011	0.053	0.02 (-2.58e-04, 0.04)	0.262	0.144	0.021	0.024	0.382	0.02 (-0.03, 0.07)	0.000	0.954	0.023	0.023	0.320	0.02 (-0.02, 0.07)	0.019	0.020	0.365	0.02 (-0.02, 0.06)
16015_19	GPT	P24298	211	0.028	0.014	0.053	0.03 (-3.49e-04, 0.06)	0.263	3.54E-05	-0.052	0.028	0.062	-0.05 (-0.11, 2.35e-03	0.005	0.001	0.009	0.021	0.659	0.01 (-0.03, 0.05)	0.006	0.024	0.810	0.01 (-0.04, 0.05)
10035_6	DUSP4	Q13115	211	0.023	0.012	0.053	0.02 (-3.05e-04, 0.05)	0.264	0.204	-0.039	0.024	0.099	-0.04 (-0.09, 0.01)	0.004	0.003	0.001	0.021	0.956	1.13e-03 (-0.04, 0.0	-0.006	0.023	0.799	-0.01 (-0.05, 0.04)
18236_3	HSPC159	Q3ZCW2	211	-0.023	0.012	0.053	-0.02 (-0.05, 3.19e-04	0.264	0.055	-0.039	0.026	0.130	-0.04 (-0.09, 0.01)	0.001	0.476	-0.056	0.023	0.015	-0.06 (-0.10, -0.01)	-0.063	0.027	0.019	-0.06 (-0.11, -0.01)
9962_1	CDHR5	Q9HBB8	211	0.026	0.013	0.053	0.03 (-3.60e-04, 0.05)	0.264	0.008	-0.046	0.026	0.075	-0.05 (-0.10, 4.35e-03	0.004	0.001	0.016	0.020	0.423	0.02 (-0.02, 0.06)	-0.002	0.022	0.942	-1.63e-03 (-0.05, 0.04)
14623_26	SUMO3	P55854	211	-0.023	0.012	0.053	-0.02 (-0.05, 3.31e-04	0.264	0.095	-0.045	0.025	0.072	-0.05 (-0.09, 3.80e-03	0.001	0.302	-0.063	0.022	0.004	-0.06 (-0.10, -0.02)	-0.062	0.025	0.016	-0.06 (-0.11, -0.01)
8993_151	RIPK2	O43353	211	0.023	0.012	0.053	0.02 (-3.38e-04, 0.05)	0.264	0.044	-0.031	0.021	0.141	-0.03 (-0.07, 0.01)	0.004	0.002	0.004	0.021	0.849	3.94e-03 (-0.04, 0.0	0.008	0.017	0.659	0.01 (-0.03, 0.04)
13387_55	EHF	Q9NZC4	211	0.022	0.011	0.054	0.02 (-3.44e-04, 0.04)	0.264	0.162	-0.006	0.024	0.811	-0.01 (-0.05, 0.04)	0.002	0.177	-0.014	0.021	0.509	-0.01 (-0.05, 0.03)	-0.011	0.021	0.604	-0.01 (-0.05, 0.03)
16756_30	GDF7	Q7Z4P5	211	0.022	0.012	0.054	0.02 (-3.51e-04, 0.05)	0.264	0.344	-0.023	0.023	0.325	-0.02 (-0.07, 0.02)	0.003	0.025	-0.007	0.019	0.712	-0.01 (-0.04, 0.03)	-0.013	0.022	0.574	-0.01 (-0.06, 0.03)
19639_53	IAPP	P10997	211	0.033	0.017	0.054	0.03 (-5.25e-04, 0.07)	0.264	1.03E-16	0.040	0.034	0.235	0.04 (-0.03, 0.11)	0.000	0.795	0.009	0.023	0.679	0.01 (-0.04, 0.05)	0.018	0.027	0.515	0.02 (-0.04, 0.07)
6444_15	PSG3	Q16557	211	0.023	0.012	0.054	0.02 (-3.65e-04, 0.05)	0.264	0.049	0.019	0.024	0.419	0.02 (-0.03, 0.07)	0.000	0.853	0.029	0.022	0.188	0.03 (-0.01, 0.07)	0.015	0.024	0.538	0.01 (-0.03, 0.06)
7849_3	QPCT	Q16769	211	0.026	0.014	0.054	0.03 (-4.01e-04, 0.05)	0.264	0.017	0.013	0.027	0.634	0.01 (-0.04, 0.07)	0.001	0.566	0.011	0.020	0.573	0.01 (-0.03, 0.05)	-0.005	0.028	0.872	-4.55e-03 (-0.06, 0.05)
6621_10	RLN2	P04090	211	0.023	0.012	0.054	0.02 (-3.73e-04, 0.05)	0.264	0.061	-0.020	0.025	0.438	-0.02 (-0.07, 0.03)	0.003	0.054	-0.003	0.023	0.886	-3.35e-03 (-0.05, 0.	0.007	0.023	0.772	0.01 (-0.04, 0.05)
11615_16	DAPP1	Q9UN19	211	-0.023	0.012	0.054	-0.02 (-0.05, 3.92e-04	0.264	0.140	-0.036	0.025	0.155	-0.04 (-0.09, 0.01)	0.001	0.561	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)	-0.050	0.028	0.074	-0.05 (-0.10, 4.59e-03)
12976_49	SORBS3	O60504	211	0.022	0.012	0.054	0.02 (-3.76e-04, 0.04)	0.264	0.172	-0.055	0.023	0.018	-0.06 (-0.10, -0.01)	0.005	1.46E-04	-0.016	0.019	0.396	-0.02 (-0.05, 0.02)	-0.020	0.023	0.377	-0.02 (-0.06, 0.02)
7090_17	GALNT1	Q10472	211	0.025	0.013	0.054	0.03 (-4.33e-04, 0.05)	0.264	0.011	-0.051	0.025	0.045	-0.05 (-0.10, -1.38e-0	0.005	0.001	-0.007	0.020	0.737	-0.01 (-0.05, 0.03)	-0.021	0.023	0.363	-0.02 (-0.07, 0.02)
12876_39	SPEF1	Q9Y4P9	211	0.022	0.012	0.054	0.02 (-3.89e-04, 0.04)	0.265	0.126	-0.001	0.024	0.975	-7.50e-04 (-0.05, 0.05	0.001	0.272	-0.001	0.022	0.978	-6.05e-04 (-0.04, 0.	0.001	0.022	0.963	1.03e-03 (-0.04, 0.05)
8009_121	SURF1	Q15526	211	0.034	0.018	0.055	0.03 (-6.54e-04, 0.07)	0.266	8.89E-17	0.002	0.035	0.945	2.42e-03 (-0.07, 0.07)	0.002	0.299	0.043	0.025	0.088	0.04 (-0.01, 0.09)	0.033	0.024	0.161	0.03 (-0.01, 0.08)
5650_9	PDIA6	Q15084	211	-0.022	0.012	0.055	-0.02 (-0.05, 4.42e-04	0.267	0.164	-0.049	0.024	0.046	-0.05 (-0.10, -1.25e-0	0.002	0.211	-0.039	0.019	0.045	-0.04 (-0.08, -9.48e-	-0.054	0.024	0.028	-0.05 (-0.10, -0.01)
14268_4	SRXN1	Q9BYN0	211	0.025	0.013	0.055	0.03 (-5.02e-04, 0.05)	0.267	0.009	-0.001	0.026	0.965	-1.13e-03 (-0.05, 0.05	0.002	0.243	0.011	0.022	0.603	0.01 (-0.03, 0.05)	0.007	0.023	0.763	0.01 (-0.04, 0.05)
18259_15	MEOX2	P50222	211	0.023	0.012	0.055	0.02 (-4.65e-04, 0.05)	0.267	0.199	-0.056	0.023	0.019	-0.06 (-0.10, -0.01)	0.005	1.47E-04	0.008	0.019	0.673	0.01 (-0.03, 0.05)	-0.009	0.023	0.703	-0.01 (-0.05, 0.04)
2524_56	HMGB1	P09429	211	-0.025	0.013	0.055	-0.02 (-0.05, 5.21e-04	0.267	0.027	-0.097	0.025	1.33E-04	-0.10 (-0.15, -0.05)	0.005	0.001	-0.063	0.022	0.003	-0.06 (-0.11, -0.02)	-0.056	0.024	0.018	-0.06 (-0.10, -0.01)
7997_118	DOC2B	Q14184	211	0.022	0.012	0.055	0.02 (-4.71e-04, 0.05)	0.267	0.221	-0.041	0.023	0.079	-0.04 (-0.09, 4.58e-03	0.004	0.002	-0.002	0.019	0.914	-2.00e-03 (-0.04, 0.	-0.017	0.023	0.469	-0.02 (-0.06, 0.03)
9114_84	UMODL1	Q5DID0	211	0.024	0.013	0.055	0.02 (-5.09e-04, 0.05)	0.267	0.049	-0.037	0.025	0.139	-0.04 (-0.09, 0.01)	0.004	0.005	0.011	0.023	0.636	0.01 (-0.03, 0.06)	0.009	0.024	0.725	0.01 (-0.04, 0.06)
11101_18	TLR4	O00206	211	0.022	0.011	0.055	0.02 (-4.92e-04, 0.04)	0.267	0.176	-0.015	0.023	0.520	-0.02 (-0.06, 0.03)	0.002	0.069	-0.003	0.020	0.892	-2.67e-03 (-0.04, 0.	-0.002	0.024	0.919	-2.41e-03 (-0.05, 0.04)
12463_7	KLHL13	Q9P2N7	211	0.026	0.014	0.055	0.03 (-5.82e-04, 0.05)	0.267	0.001	-0.042	0.026	0.114	-0.04 (-0.09, 0.01)	0.004	0.003	-0.002	0.021	0.911	-2.35e-03 (-0.04, 0.	-0.006	0.023	0.783	-0.01 (-0.05, 0.04)
15495_9	FOLR3	P41439	211	0.025	0.013	0.055	0.02 (-5.52e-04, 0.05)	0.267	1.55E-05	0.017	0.026	0.505	0.02 (-0.03, 0.07)	0.000	0.729	0.009	0.021	0.662	0.01 (-0.03, 0.05)	-0.003	0.020	0.885	-2.86e-03 (-0.04, 0.04)
3054_3	HP	P00738	211	0.025	0.013	0.055	0.03 (-5.74e-04, 0.05)	0.267	4.35E-06	-0.005	0.026	0.850	-4.92e-03 (-0.06, 0.05	0.002	0.180	-0.005	0.020	0.815	-4.74e-03 (-0.04, 0.	-0.003	0.022	0.886	-3.11e-03 (-0.05, 0.04)
7873_32	TSSK2	Q96PF2	211	0.022	0.012	0.055	0.02 (-5.04e-04, 0.04)	0.267	0.297	-0.014	0.023	0.559	-0.01 (-0.06, 0.03)	0.002	0.077	-0.011	0.022	0.607	-0.01 (-0.05, 0.03)	-0.017	0.022	0.457	-0.02 (-0.06, 0.03)
8358_30	PRDX3	P30048	211	-0.023	0.012	0.055	-0.02 (-0.05, 5.05e-04	0.267	0.172	-0.054	0.024	0.029	-0.05 (-0.10, -0.01)	0.002	0.142	-0.048	0.023	0.039	-0.05 (-0.09, -2.47e-	-0.042	0.026	0.109	-0.04 (-0.09, 0.01)
8773_172	EMILIN3	Q9NT22	211	0.025	0.013	0.055	0.03 (-5.73e-04, 0.05)	0.267	0.047	0.027	0.026	0.301	0.03 (-0.02, 0.08)	0.000	0.926	0.008	0.027	0.777	0.01 (-0.05, 0.06)	0.001	0.029	0.965	1.25e-03 (-0.06, 0.06)
13126_52	DSC2	Q02487	211	0.028	0.014	0.056	0.03 (-7.01e-04, 0.06)	0.269	7.85E-05	0.036	0.029	0.205	0.04 (-0.02, 0.09)	-0.001	0.723	0.023	0.026	0.385	0.02 (-0.03, 0.07)	0.034	0.026	0.185	0.03 (-0.02, 0.08)
15556_49	AMY2B	P19961	211	-0.027	0.014	0.056	-0.03 (-0.05, 6.77e-04	0.269	2.17E-05	0.031	0.028	0.269	0.03 (-0.02, 0.08)	-0.004	0.016	-0.010	0.020	0.602	-0.01 (-0.05, 0.03)	0.007	0.025	0.784	0.01 (-0.04, 0.06)
16754_40	CASK	O14936	211	0.022	0.012	0.056	0.02 (-5.59e-04, 0.04)	0.269	0.170	-0.021	0.024	0.367	-0.02 (-0.07, 0.02)	0.003	0.034	0.003	0.019	0.877	2.98e-03 (-0.03, 0.0	-0.004	0.023	0.853	-4.34e-03 (-0.05, 0.04)
4981_6	DSC3	Q14574	211	0.022	0.012	0.056	0.02 (-5.50e-04, 0.05)	0.269	0.052	-0.014	0.025	0.579	-0.01 (-0.06, 0.04)	0.002	0.094	-0.006	0.023	0.802	-0.01 (-0.05, 0.04)	-0.009	0.026	0.729	-0.01 (-0.06, 0.04)
8364_74	UST	Q9Y2C2	211	0.028	0.014	0.056	0.03 (-6.90e-04, 0.06)	0.269	1.23E-04	0.104	0.028	2.78E-04	0.10 (0.05, 0.16)	-0.005	0.002	0.048	0.027	0.077	0.05 (-0.01, 0.10)	0.071	0.027	0.010	0.07 (0.02, 0.12)
13378_80	C5orf63	A6NC05	211	0.025	0.013	0.056	0.03 (-6.72e-04, 0.05)	0.270	0.004	-0.053	0.025	0.039	-0.05 (-0.10, -3.01e-0	0.005	4.61E-04	-0.008	0.021	0.699	-0.01 (-0.05, 0.03)	-0.014	0.023	0.559	-0.01 (-0.06, 0.03)
9187_2	HMGN1	P05114	211	0.026	0.013	0.056	0.03 (-6.84e-04, 0.05)	0.270	0.013	-0.038	0.026	0.144	-0.04 (-0.09, 0.01)	0.004	0.005	0.005	0.020	0.822	4.57e-03 (-0.04, 0.0	-0.007	0.026	0.801	-0.01 (-0.06, 0.05)
12338_27	EGFLAM	Q63HQ2	211	0.028	0.015	0.056	0.03 (-7.76e-04, 0.06)	0.270	2.69E-04	0.041	0.029	0.159	0.04 (-0.02, 0.10)	-0.001	0.599	0.057	0.024	0.017	0.06 (0.01, 0.10)	0.054	0.025	0.033	0.05 (4.66e-03, 0.10)
19173_5	ZFAND1	Q8TCF1	211	-0.023	0.012	0.057	-0.02 (-0.05, 6.46e-04	0.270	0.070	-0.045	0.026	0.086	-0.04 (-0.10, 0.01)	0.001	0.340	-0.053	0.024	0.030	-0.05 (-0.10, -0.01)	-0.043	0.026	0.096	-0.04 (-0.09, 0.01)
9074_6	FAXDC2	Q96IV6	211	0.022	0.012	0.056	0.02 (-6.22e-04, 0.05)	0.270	0.177	-0.011	0.024	0.647	-0.01 (-0.06, 0.04)	0.002	0.111	0.011	0.024	0.638	0.01 (-0.04, 0.06)	0.018	0.022	0.422	0.02 (-0.03, 0.06)
3583_54	ARSA	P15289	211	0.022	0.011	0.057	0.02 (-6.17e-04, 0.04)	0.270	0.132	-0.018	0.024	0.446	-0.02 (-0.07, 0.03)	0.003	0.054	-0.009	0.021	0.663	-0.01 (-0.05, 0.03)	-0.004	0.021	0.849	-4.03e-03 (-0.05, 0.04)
10623_19	MUC1	P15941	211	0.023	0.012	0.057	0.02 (-6.47e-04, 0.05)	0.271	0.055	-0.047	0.025	0.057	-0.05 (-0.10, 1.10e-03	0.004	0.001	-0.006	0.021	0.761	-0.01 (-0.05, 0.03)	-0.011	0.022	0.627	-0.01 (-0.05, 0.03)
11186_12	TMEM52	Q8NDY8	211	0.022	0.011	0.057	0.02 (-6.31e-04, 0.04)	0.271	0.159	-0.031	0.024	0.193	-0.03 (-0.08, 0.02)	0.003	0.011	-0.013	0.023	0.567	-0.01 (-0.06, 0.03)	-0.012	0.024	0.622	-0.01 (-0.06, 0.03)
13941_82	FARS2	O95363	211	0.025	0.013	0.057	0.02 (-7.16e-04, 0.05)	0.271	0.019	-0.032	0.025	0.204	-0.03 (-0.08, 0.02)	0.004	0.010	-0.007	0.023	0.745	-0.01 (-0.05, 0.04)	-0.011	0.022	0.617	-0.01 (-0.06, 0.03)
18311_44	DCTN6	O00399	211	-0.023	0.012	0.057	-0.02 (-0.05, 6.63e-04	0.271	0.202	-0.056	0.024	0.023	-0.06 (-0.10, -0.01)	0.002	0.115	-0.043	0.025	0.084	-0.04 (-0.09, 0.01)	-0.035	0.027	0.186	-0.04 (-0.09, 0.02)
5879_51	DCTN2	Q13561	211	0.023	0.012	0.057	0.02 (-7.10e-04, 0.05)	0.271	0.076	-0.041	0.025	0.107	-0.04 (-0.09, 0.01)	0.004	0.004	-0.001	0.020	0.957	-1.05e-03 (-0.04, 0.	-0.010	0.024	0.678	-0.01 (-0.06, 0.04)
8825_4	PILRA	Q9UKJ1	211	0.022	0.012	0.057	0.02 (-6.72e-04, 0.04)	0.271	0.334	-0.026	0.023	0.261	-0.03 (-0.07, 0.02)	0.003	0.017	0.010	0.020	0.633	0.01 (-0.03, 0.05)	0.009	0.023	0.714	0.01 (-0.04, 0.05)
2972_57	BMP7	P18075	211	0.024	0.013	0.057	0.02 (-7.46e-04, 0.05)	0.272	0.116	0.036	0.029	0.217	0.04 (-0.02, 0.09)	-0.001	0.636	0.023	0.021	0.267	0.02 (-0.02, 0.06)	0.028	0.032	0.382	0.03 (-0.03, 0.09)
15579_26	ENPP6	Q6UWR7	211	0.027	0.014	0.058	0.03 (-8.62e-04, 0.05)	0.272	2.30E-05	-0.014	0.028	0.613	-0.01 (-0.07, 0.04)	0.003	0.091	-0.007	0.022	0.743	-0.01 (-0.05, 0.04)	-0.002	0.024	0.932	-2.09e-03 (-0.05, 0.05)
4569_52	SORCS2	Q96PQ0	211	0.024	0.013	0.058	0.02 (-7.74e-04, 0.05)	0.272	0.007	0.000	0.025	0.996	-1.30e-04 (-0.05, 0.05	0.002	0.266	0.021	0.024	0.387	0.02 (-0.03, 0.07)	0.016	0.022	0.474	0.02 (-0.03, 0.06)
5653_23	PRSS37	A4D1T9	211	0.022	0.012	0.058	0.02 (-7.14e-04, 0.05)	0.272	0.327	-0.006	0.024	0.797	-0.01 (-0.05, 0.04)	0.002	0.166	0.012	0.025	0.625	0.01 (-0.04, 0.06)	-0.001	0.024	0.973	-7.90e-04 (-0.05, 0.05)
14025_18	TNFRSF9	Q07011	211	0.022	0.012	0.058	0.02 (-7.32e-04, 0.05)	0.273	0.063	-0.049	0.024	0.046	-0.05 (-0.10, -1.16e-0	0.004	0.001	0.021	0.019	0.281	0.02 (-0.02, 0.06)	-0.004	0.023	0.873	-3.69e-03 (-0.05, 0.04)
12558_3	UBASH3B	Q8TF42	211	-0.023	0.012	0.058	-0.02 (-0.05, 7.76e-04	0.273	0.059	-0.035	0.026	0.183	-0.03 (-0.09, 0.02)	0.001	0.604	-0.054	0.022	0.014	-0.05 (-0.10, -0.01)	-0.049	0.026	0.062	-0.05 (-0.10, 2.28e-03)
19376_74	NNMT	P40261	211	0.025	0.013	0.058	0.03 (-8.56e-04, 0.05)	0.273	0.002	0.002	0.027	0.926	2.48e-03 (-0.05, 0.05)	0.001	0.318	0.025	0.025	0.301	0.03 (-0.02, 0.07)	0.028	0.024	0.240	0.03 (-0.02, 0.08)
11152_46	KLK13	Q9UKR3	211	0.027	0.014	0.058	0.03 (-9.17e-04, 0.05)	0.273	0.040	0.040	0.028	0.153	0.04 (-0.01, 0.09)	-0.001	0.578	0.031	0.028	0.273	0.03 (-0.02, 0.09)	0.025	0.026	0.347	0.02 (-0.03, 0.08)
12433_8	ARL11	Q969Q4	211	-0.025	0.013	0.058	-0.02 (-0.05, 8.57e-04	0.273	0.010	-0.049	0.026	0.064	-0.05 (-0.10, 2.54e-03	0.001	0.294	-0.043	0.024	0.078	-0.04 (-0.09, 4.77e-	-0.038	0.025	0.128	-0.04 (-0.09, 0.01)
15376_134	CTSE	P14091	211	0.026	0.014	0.058	0.03 (-9.02e-04, 0.05)	0.274	0.033	0.019	0.027	0.487	0.02 (-0.03, 0.07)	0.000	0.768	0.024	0.027	0.378	0.02 (-0.03, 0.08)	0.029	0.028	0.301	0.03 (-0.03, 0.08)
15441_6	GM2A	P17900	211	0.026	0.014	0.059	0.03 (-9.46e-04, 0.05)	0.275	0.005	-0.009	0.028	0.746	-0.01 (-0.06, 0.05)	0.002	0.142	-0.010	0.024	0.666	-0.01 (-0.06, 0.04)	-0.009	0.026	0.720	-0.01 (-0.06, 0.04)
19227_18	BATF	Q16520	211	0.022	0.012	0.059	0.02 (-7.94e-04, 0.04)	0.275	0.070	-0.053	0.024	0.028	-0.05 (-0.10, -0.01)	0.005	3.64E-04	-0.008	0.023	0.730	-0.01 (-0.05, 0.04)	-0.005	0.023	0.829	-4.93e-03 (-0.05, 0.04)
12478_15	RPL30	P62888	211	0.025	0.013	0.059	0.02 (-9.07e-04, 0.05)	0.275	0.009	-0.060	0.025	0.018	-0.06 (-0.11, -0.01)	0.005	1.30E-04	-0.001	0.020	0.952	-1.18e-03 (-0.04, 0.	-0.039	0.027	0.146	-0.04 (-0.09, 0.01)
18413_24	ARL4D	P49703	211	0.024	0.013	0.059	0.02 (-9.01e-04, 0.05)	0.276	0.048	0.003	0.025	0.897	3.23e-03 (-0.05, 0.05)	0.001	0.339	-0.003	0.022	0.884	-3.19e-03 (-0.05, 0.	-0.002	0.028	0.951	-1.69e-03 (-0.06, 0.05)
7953_20	SLAMF1	Q13291	211	0.023	0.012	0.059	0.02 (-8.52e-04, 0.05)	0.276	0.060	-0.007	0.026	0.777	-0.01 (-0.06, 0.04)	0.002	0.179	0.005	0.024	0.823	0.01 (-0.04, 0.05)	0.015	0.025	0.550	0.01 (-0.03, 0.06)
12643_4	ARRB1	P49407	211	-0.023	0.012	0.059	-0.02 (-0.05, 8.63e-04	0.276	0.118	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.001	0.415	-0.052	0.022	0.018	-0.05 (-0.10, -0.01)	-0.059	0.027	0.030	-0.06 (-0.11, -0.01)
3538_26	DDC	P20711	211	0.022	0.012	0.059	0.02 (-8.64e-04, 0.05)	0.277	0.133	-0.012	0.024	0.611	-0.01 (-0.06, 0.04)	0.002	0.102	-0.014	0.022	0.512	-0.01 (-0.06, 0.03)	-0.015	0.025	0.538	-0.02 (-0.06, 0.03)
13509_5	SCAMP5	Q8TAC9	211	0.022	0.012	0.059	0.02 (-8.66e-04, 0.04)	0.277	0.264	-0.044	0.023	0.059	-0.04 (-0.09, 1.48e-03	0.004	0.001	-0.002	0.019	0.924	-1.77e-03 (-0.04, 0.	-0.011	0.023	0.623	-0.01 (-0.06, 0.03)
6378_2	C5orf38	Q86SI9	211	0.046	0.025	0.060	0.05 (-1.88e-03, 0.09)	0.278	6.37E-70	-0.044	0.048	0.365	-0.04 (-0.14, 0.05)	0.006	0.032	0.056	0.024	0.021	0.06 (0.01, 0.10)	0.067	0.026	0.010	0.07 (0.02, 0.12)
6962_5	HLA-DRB3	P79483	211	0.027	0.015	0.060	0.03 (-1.14e-03, 0.06)	0.279	1.29E-05	-0.012	0.029	0.678	-0.01 (-0.07, 0.04)	0.002	0.115	0.000	0.020	0.985	-3.67e-04 (-0.04, 0.	-0.029	0.027	0.285	-0.03 (-0.08, 0.02)
13441_30	DIXDC1	Q155Q3	211	0.022	0.012	0.060	0.02 (-9.52e-04, 0.04)	0.280	0.114	-0.036	0.024	0.129	-0.04 (-0.08, 0.01)	0.004	0.005	-0.014	0.022	0.517	-0.01 (-0.06, 0.03)	-0.013	0.022	0.559	-0.01 (-0.06, 0.03)
13984_23	DDX25	Q9UHL0	211	0.024	0.013	0.060	0.02 (-1.07e-03, 0.05)	0.280	0.025	-0.013	0.025	0.604	-0.01 (-0.06, 0.04)	0.002	0.090	0.013	0.025	0.598	0.01 (-0.04, 0.06)	0.020	0.022	0.360	0.02 (-0.02, 0.06)
14318_1	VPS29	Q9UBQ0	211	0.066	0.035	0.060	0.07 (-2.86e-03, 0.13)	0.280	1.20E-210	0.014	0.070	0.839	0.01 (-0.12, 0.15)	0.003	0.390	0.012	0.021	0.557	0.01 (-0.03, 0.05)	-0.008	0.025	0.755	-0.01 (-0.06, 0.04)
19295_32	PPP1CC	P36873	211	-0.023	0.012	0.061	-0.02 (-0.05, 9.96e-04	0.280	0.138	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.001	0.377	-0.046	0.021	0.033	-0.05 (-0.09, -3.61e-	-0.061	0.025	0.016	-0.06 (-0.11, -0.01)
3313_21	FCN2	Q15485	211	0.027	0.014	0.060	0.03 (-1.15e-03, 0.05)	0.280	0.004	-0.033	0.028	0.245	-0.03 (-0.09, 0.02)	0.004	0.016	0.007	0.025	0.773	0.01 (-0.04, 0.06)	0.015	0.026	0.564	0.02 (-0.04, 0.07)
5744_12	MENT	Q9BUN1	211	-0.119	0.064	0.061	-0.12 (-0.24, 0.01)	0.280	0.00E+00	-0.132	0.127	0.298	-0.13 (-0.38, 0.12)	0.001	0.907	-0.008	0.021	0.711	-0.01 (-0.05, 0.03)	-0.013	0.027	0.638	-0.01 (-0.07, 0.04)
7970_315	ART3	Q13508	211	-0.029	0.015	0.060	-0.03 (-0.06, 1.27e-03	0.280	8.23E-08	0.027	0.030	0.367	0.03 (-0.03, 0.09)	-0.004	0.032	0.012	0.022	0.584	0.01 (-0.03, 0.06)	0.013	0.027	0.639	0.01 (-0.04, 0.07)
8061_102	FAM171B	Q6P995	211	0.022	0.012	0.060	0.02 (-9.51e-04, 0.04)	0.280	0.091	-0.021	0.024	0.389	-0.02 (-0.07, 0.03)	0.003	0.043	-0.003	0.025	0.913	-2.73e-03 (-0.05, 0.	0.002	0.023	0.920	2.29e-03 (-0.04, 0.05)
10562_42	NETO2	Q8NC67	211	0.022	0.012	0.061	0.02 (-9.76e-04, 0.04)	0.280	0.387	-0.015	0.023	0.527	-0.01 (-0.06, 0.03)	0.002	0.070	-0.005	0.019	0.790	-0.01 (-0.04, 0.03)	-0.013	0.023	0.562	-0.01 (-0.06, 0.03)
12751_26	ZHX1	Q9UKY1	211	0.022	0.012	0.061	0.02 (-1.02e-03, 0.04)	0.282	0.244	-0.014	0.024	0.547	-0.01 (-0.06, 0.03)	0.002	0.080	0.009	0.022	0.673	0.01 (-0.03, 0.05)	0.000	0.023	0.986	3.87e-04 (-0.04, 0.04)
13463_1	PXDN	Q92626	211	0.027	0.014	0.062	0.03 (-1.38e-03, 0.06)	0.283	7.12E-05	-0.036	0.028	0.206	-0.04 (-0.09, 0.02)	0.004	0.011	-0.006	0.020	0.755	-0.01 (-0.05, 0.03)	-0.036	0.025	0.153	-0.04 (-0.09, 0.01)
17377_1	AKR1C3	P42330	211	0.028	0.015	0.062	0.03 (-1.47e-03, 0.06)	0.283	3.43E-08	-0.033	0.030	0.273	-0.03 (-0.09, 0.03)	0.004	0.018	-0.017	0.022	0.446	-0.02 (-0.06, 0.03)	-0.012	0.024	0.619	-0.01 (-0.06, 0.03)
17513_11	ANXA11	P50995	211	-0.022	0.012	0.062	-0.02 (-0.04, 1.14e-03	0.283	0.081	-0.033	0.025	0.181	-0.03 (-0.08, 0.02)	0.001	0.593	-0.032	0.027	0.231	-0.03 (-0.08, 0.02)	-0.050	0.026	0.050	-0.05 (-0.10, -1.89e-04)
18216_22	IL11RA	Q14626	211	0.028	0.015	0.062	0.03 (-1.37e-03, 0.06)	0.283	1.31E-06	0.047	0.029	0.110	0.05 (-0.01, 0.10)	-0.001	0.443	0.012	0.026	0.642	0.01 (-0.04, 0.06)	0.019	0.027	0.480	0.02 (-0.03, 0.07)
18275_5	CRIP1	P50238	211	0.032	0.017	0.062	0.03 (-1.65e-03, 0.07)	0.283	2.21E-17	-0.022	0.034	0.513	-0.02 (-0.09, 0.04)	0.003	0.065	0.044	0.025	0.082	0.04 (-0.01, 0.09)	0.046	0.023	0.045	0.05 (1.22e-03, 0.09)
19202_10	BTK	Q06187	211	-0.024	0.013	0.062	-0.02 (-0.05, 1.18e-03	0.283	0.045	-0.032	0.026	0.208	-0.03 (-0.08, 0.02)	0.001	0.710	-0.052	0.024	0.030	-0.05 (-0.10, -0.01)	-0.066	0.027	0.014	-0.07 (-0.12, -0.01)
3845_51	DYNLRB1	Q9NP97	211	-0.022	0.012	0.062	-0.02 (-0.05, 1.06e-03	0.283	0.092	-0.051	0.025	0.041	-0.05 (-0.10, -2.37e-0	0.002	0.178	-0.045	0.021	0.033	-0.04 (-0.09, -3.70e-	-0.049	0.024	0.039	-0.05 (-0.10, -2.69e-03)
4563_61	PLCG1	P19174	211	0.022	0.012	0.062	0.02 (-1.07e-03, 0.04)	0.283	0.062	-0.050	0.024	0.041	-0.05 (-0.10, -2.40e-0	0.005	0.001	0.010	0.021	0.633	0.01 (-0.03, 0.05)	0.009	0.024	0.709	0.01 (-0.04, 0.06)
4693_72	HIBADH	P31937	211	0.022	0.012	0.062	0.02 (-1.08e-03, 0.04)	0.283	0.202	-0.031	0.024	0.183	-0.03 (-0.08, 0.01)	0.003	0.010	-0.011	0.021	0.595	-0.01 (-0.05, 0.03)	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)
4889_82	WNT7A	O00755	211	0.022	0.012	0.062	0.02 (-1.12e-03, 0.04)	0.283	0.488	-0.021	0.023	0.369	-0.02 (-0.07, 0.02)	0.003	0.035	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)	-0.003	0.022	0.877	-3.46e-03 (-0.05, 0.04)
5066_134	CD300C	Q08708	211	0.025	0.013	0.062	0.02 (-1.22e-03, 0.05)	0.283	0.008	0.019	0.026	0.474	0.02 (-0.03, 0.07)	0.000	0.796	0.001	0.021	0.959	1.10e-03 (-0.04, 0.0	0.006	0.023	0.809	0.01 (-0.04, 0.05)
5581_28	FGL1	Q08830	211	-0.029	0.016	0.062	-0.03 (-0.06, 1.50e-03	0.283	5.31E-13	-0.021	0.031	0.504	-0.02 (-0.08, 0.04)	-0.001	0.757	0.006	0.024	0.790	0.01 (-0.04, 0.05)	0.019	0.024	0.438	0.02 (-0.03, 0.07)
5612_16	HINT2	Q9BX68	211	-0.022	0.012	0.062	-0.02 (-0.04, 1.10e-03	0.283	0.700	-0.053	0.023	0.022	-0.05 (-0.10, -0.01)	0.002	0.113	-0.046	0.022	0.040	-0.05 (-0.09, -2.12e-	-0.038	0.023	0.105	-0.04 (-0.08, 0.01)
6390_18	NPS	P0C0P6	211	0.025	0.013	0.062	0.02 (-1.28e-03, 0.05)	0.283	0.024	0.017	0.026	0.532	0.02 (-0.04, 0.07)	0.001	0.719	0.032	0.025	0.204	0.03 (-0.02, 0.08)	0.032	0.023	0.155	0.03 (-0.01, 0.08)
8285_64	ADCYAP1	P18509	211	0.022	0.012	0.062	0.02 (-1.10e-03, 0.04)	0.283	0.231	-0.017	0.024	0.483	-0.02 (-0.06, 0.03)	0.002	0.063	-0.005	0.023	0.835	-4.83e-03 (-0.05, 0.	0.001	0.024	0.953	1.41e-03 (-0.05, 0.05)
8646_61	LRRTM4	Q86VH4	211	0.022	0.012	0.062	0.02 (-1.14e-03, 0.04)	0.283	0.149	-0.041	0.024	0.091	-0.04 (-0.09, 0.01)	0.004	0.003	0.006	0.022	0.794	0.01 (-0.04, 0.05)	0.001	0.023	0.979	5.99e-04 (-0.04, 0.05)
8654_13	ADAM10	O14672	211	0.022	0.012	0.062	0.02 (-1.09e-03, 0.04)	0.283	0.133	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)	0.004	0.004	-0.002	0.022	0.944	-1.58e-03 (-0.05, 0.	-0.002	0.022	0.912	-2.41e-03 (-0.05, 0.04)
8772_5	EFNB2	P52799	211	0.022	0.012	0.062	0.02 (-1.11e-03, 0.04)	0.283	0.320	-0.034	0.023	0.148	-0.03 (-0.08, 0.01)	0.003	0.006	-0.007	0.022	0.766	-0.01 (-0.05, 0.04)	-0.002	0.024	0.932	-2.01e-03 (-0.05, 0.04)
9544_24	C7orf69	Q9H7B7	211	0.022	0.012	0.062	0.02 (-1.07e-03, 0.04)	0.283	0.085	-0.055	0.024	0.022	-0.05 (-0.10, -0.01)	0.005	2.58E-04	0.001	0.018	0.964	8.20e-04 (-0.03, 0.0	-0.017	0.020	0.400	-0.02 (-0.06, 0.02)
17384_110	PFKM	P08237	211	0.031	0.016	0.063	0.03 (-1.64e-03, 0.06)	0.284	1.83E-14	-0.030	0.032	0.363	-0.03 (-0.09, 0.03)	0.004	0.033	-0.025	0.020	0.218	-0.02 (-0.06, 0.01)	-0.020	0.026	0.441	-0.02 (-0.07, 0.03)
6451_64	ASPN	Q9BXN1	211	0.022	0.012	0.063	0.02 (-1.18e-03, 0.05)	0.284	0.073	0.043	0.025	0.090	0.04 (-0.01, 0.09)	-0.001	0.339	0.034	0.026	0.202	0.03 (-0.02, 0.09)	0.025	0.028	0.364	0.03 (-0.03, 0.08)
4533_76	ADAMTS15	Q8TE58	211	0.022	0.012	0.063	0.02 (-1.17e-03, 0.04)	0.285	0.312	-0.036	0.023	0.120	-0.04 (-0.08, 0.01)	0.004	0.004	0.005	0.019	0.804	4.82e-03 (-0.03, 0.0	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)
14341_8	FAM69C	Q0P6D2	211	0.056	0.030	0.063	0.06 (-3.09e-03, 0.12)	0.285	6.76E-164	0.021	0.060	0.732	0.02 (-0.10, 0.14)	0.002	0.492	0.009	0.021	0.671	0.01 (-0.03, 0.05)	0.003	0.025	0.917	2.58e-03 (-0.05, 0.05)
13597_20	RAB31	Q13636	211	-0.022	0.012	0.063	-0.02 (-0.05, 1.23e-03	0.286	0.165	-0.035	0.025	0.161	-0.04 (-0.08, 0.01)	0.001	0.552	-0.039	0.023	0.087	-0.04 (-0.08, 0.01)	-0.047	0.026	0.068	-0.05 (-0.10, 3.26e-03)
13988_67	NMRAL1	Q9HBL8	211	-0.025	0.013	0.063	-0.02 (-0.05, 1.37e-03	0.286	0.028	-0.046	0.026	0.081	-0.05 (-0.10, 0.01)	0.001	0.346	-0.045	0.026	0.079	-0.04 (-0.10, 0.01)	-0.051	0.025	0.038	-0.05 (-0.10, -3.09e-03)
7003_4	GALNT10	Q86SR1	211	0.021	0.012	0.064	0.02 (-1.24e-03, 0.04)	0.288	0.060	-0.008	0.024	0.758	-0.01 (-0.06, 0.04)	0.002	0.172	-0.003	0.023	0.883	-3.35e-03 (-0.05, 0.	-0.006	0.023	0.808	-0.01 (-0.05, 0.04)
10490_3	RPN1	P04843	211	0.022	0.012	0.064	0.02 (-1.28e-03, 0.04)	0.288	0.084	-0.004	0.025	0.862	-4.33e-03 (-0.05, 0.04	0.002	0.228	0.006	0.025	0.807	0.01 (-0.04, 0.05)	0.008	0.027	0.759	0.01 (-0.05, 0.06)
17692_2	BTN3A3	O00478	211	0.026	0.014	0.064	0.03 (-1.53e-03, 0.05)	0.288	3.86E-06	0.008	0.028	0.776	0.01 (-0.05, 0.06)	0.001	0.448	-0.009	0.024	0.699	-0.01 (-0.06, 0.04)	-0.018	0.023	0.445	-0.02 (-0.06, 0.03)
14132_21	HHLA2	Q9UM44	211	0.024	0.013	0.064	0.02 (-1.40e-03, 0.05)	0.289	0.033	-0.018	0.025	0.479	-0.02 (-0.07, 0.03)	0.003	0.058	-0.014	0.019	0.465	-0.01 (-0.05, 0.02)	-0.019	0.023	0.406	-0.02 (-0.06, 0.03)
7918_114	AMY1A	P04745	211	-0.025	0.013	0.064	-0.02 (-0.05, 1.49e-03	0.289	2.40E-04	0.005	0.027	0.841	0.01 (-0.05, 0.06)	-0.002	0.190	0.009	0.021	0.678	0.01 (-0.03, 0.05)	0.016	0.023	0.471	0.02 (-0.03, 0.06)
10082_251	NEFL	P07196	211	0.202	0.109	0.065	0.20 (-0.01, 0.42)	0.289	0.00E+00	0.217	0.218	0.321	0.22 (-0.21, 0.64)	-0.001	0.936	0.000	0.024	0.993	-2.08e-04 (-0.05, 0.	0.008	0.025	0.762	0.01 (-0.04, 0.06)
6594_64	SAYSD1	Q9NPB0	211	0.023	0.013	0.065	0.02 (-1.42e-03, 0.05)	0.289	0.041	-0.015	0.025	0.537	-0.02 (-0.06, 0.03)	0.002	0.073	0.001	0.022	0.979	5.87e-04 (-0.04, 0.0	0.011	0.022	0.632	0.01 (-0.03, 0.05)
8068_43	KIAA1161	Q6NSJ0	211	0.024	0.013	0.065	0.02 (-1.48e-03, 0.05)	0.289	0.002	-0.020	0.026	0.433	-0.02 (-0.07, 0.03)	0.003	0.046	0.013	0.024	0.583	0.01 (-0.03, 0.06)	0.028	0.024	0.245	0.03 (-0.02, 0.07)
12455_48	MYNN	Q9NPC7	211	0.024	0.013	0.065	0.02 (-1.48e-03, 0.05)	0.291	0.013	-0.045	0.024	0.061	-0.05 (-0.09, 1.85e-03	0.004	0.001	0.002	0.023	0.937	1.82e-03 (-0.04, 0.0	0.004	0.023	0.877	3.53e-03 (-0.04, 0.05)
14271_23	RAB6B	Q9NRW1	211	-0.022	0.012	0.065	-0.02 (-0.05, 1.37e-03	0.291	0.446	-0.029	0.024	0.229	-0.03 (-0.07, 0.02)	0.000	0.743	-0.032	0.024	0.180	-0.03 (-0.08, 0.02)	-0.028	0.024	0.231	-0.03 (-0.07, 0.02)
8018_43	VSIG2	Q96IQ7	211	-0.022	0.012	0.065	-0.02 (-0.04, 1.36e-03	0.291	0.238	-0.068	0.024	0.004	-0.07 (-0.11, -0.02)	0.003	0.023	-0.052	0.023	0.023	-0.05 (-0.10, -0.01)	-0.055	0.022	0.012	-0.06 (-0.10, -0.01)
12760_34	ZNF774	Q6NX45	211	0.024	0.013	0.065	0.02 (-1.55e-03, 0.05)	0.292	0.008	-0.045	0.025	0.077	-0.05 (-0.10, 4.72e-03	0.004	0.002	0.001	0.019	0.971	7.05e-04 (-0.04, 0.0	-0.014	0.023	0.554	-0.01 (-0.06, 0.03)
19277_4	TSTD1	Q8NFU3	211	-0.022	0.012	0.066	-0.02 (-0.05, 1.42e-03	0.292	0.104	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.001	0.364	-0.033	0.024	0.167	-0.03 (-0.08, 0.01)	-0.033	0.022	0.142	-0.03 (-0.08, 0.01)
9876_20	ALDOC	P09972	211	0.028	0.015	0.066	0.03 (-1.81e-03, 0.06)	0.292	5.49E-08	-0.012	0.030	0.689	-0.01 (-0.07, 0.05)	0.003	0.126	0.004	0.025	0.881	3.81e-03 (-0.05, 0.0	0.005	0.023	0.837	4.81e-03 (-0.04, 0.05)
13942_140	SPSB1	Q96BD6	211	0.021	0.012	0.066	0.02 (-1.40e-03, 0.04)	0.292	0.052	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)	0.005	0.001	0.000	0.019	1.000	0.00e+00 (-0.04, 0.	-0.005	0.022	0.824	-4.83e-03 (-0.05, 0.04)
8759_29	A4GALT	Q9NPC4	211	-0.025	0.014	0.066	-0.03 (-0.05, 1.68e-03	0.293	2.07E-04	0.009	0.027	0.751	0.01 (-0.05, 0.06)	-0.002	0.151	0.000	0.019	1.000	0.00e+00 (-0.04, 0.	0.017	0.026	0.522	0.02 (-0.03, 0.07)
8766_29	LILRA5	A6NI73	211	0.026	0.014	0.066	0.03 (-1.71e-03, 0.05)	0.293	0.004	-0.052	0.028	0.063	-0.05 (-0.11, 2.40e-03	0.005	0.001	-0.005	0.021	0.808	-0.01 (-0.05, 0.04)	-0.037	0.026	0.167	-0.04 (-0.09, 0.02)
9191_8	TFF2	Q03403	211	0.022	0.012	0.066	0.02 (-1.46e-03, 0.05)	0.293	0.171	0.013	0.025	0.592	0.01 (-0.04, 0.06)	0.001	0.686	0.017	0.027	0.521	0.02 (-0.04, 0.07)	0.027	0.028	0.329	0.03 (-0.03, 0.08)
9609_25	ZNF275	Q9NSD4	211	0.024	0.013	0.066	0.02 (-1.61e-03, 0.05)	0.293	0.004	-0.042	0.026	0.104	-0.04 (-0.09, 0.01)	0.004	0.003	-0.006	0.019	0.734	-0.01 (-0.04, 0.03)	-0.013	0.023	0.588	-0.01 (-0.06, 0.03)
11539_4	ATP5J2	P56134	211	0.022	0.012	0.067	0.02 (-1.47e-03, 0.04)	0.294	0.051	-0.043	0.025	0.078	-0.04 (-0.09, 4.69e-03	0.004	0.002	0.009	0.020	0.656	0.01 (-0.03, 0.05)	-0.007	0.025	0.772	-0.01 (-0.06, 0.04)
16617_14	CASP14	P31944	211	0.021	0.011	0.067	0.02 (-1.43e-03, 0.04)	0.294	0.894	0.015	0.023	0.512	0.01 (-0.03, 0.06)	0.000	0.757	0.032	0.023	0.152	0.03 (-0.01, 0.08)	0.031	0.022	0.153	0.03 (-0.01, 0.07)
5098_79	KLRF1	Q9NZS2	211	0.021	0.012	0.067	0.02 (-1.45e-03, 0.04)	0.294	0.091	-0.014	0.024	0.551	-0.01 (-0.06, 0.03)	0.002	0.084	0.001	0.023	0.951	1.40e-03 (-0.04, 0.0	0.009	0.020	0.653	0.01 (-0.03, 0.05)
9197_4	LGALS9	O00182	211	0.025	0.013	0.067	0.02 (-1.70e-03, 0.05)	0.294	0.006	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)	0.006	3.49E-05	-0.017	0.021	0.421	-0.02 (-0.06, 0.02)	-0.015	0.022	0.486	-0.02 (-0.06, 0.03)
4542_24	CLU	P10909	211	0.027	0.015	0.067	0.03 (-1.94e-03, 0.06)	0.297	4.23E-06	-0.006	0.029	0.835	-0.01 (-0.06, 0.05)	0.002	0.192	0.022	0.028	0.432	0.02 (-0.03, 0.08)	0.026	0.027	0.344	0.03 (-0.03, 0.08)
12527_50	THRA	P10827	211	0.023	0.013	0.068	0.02 (-1.69e-03, 0.05)	0.297	0.024	-0.044	0.025	0.077	-0.04 (-0.09, 4.60e-03	0.004	0.002	-0.002	0.022	0.911	-2.47e-03 (-0.05, 0.	-0.002	0.024	0.924	-2.27e-03 (-0.05, 0.04)
2752_62	GDF5	P43026	211	-0.025	0.014	0.068	-0.02 (-0.05, 1.79e-03	0.297	0.001	-0.084	0.027	0.002	-0.08 (-0.14, -0.03)	0.004	0.011	-0.055	0.022	0.014	-0.05 (-0.10, -0.01)	-0.038	0.027	0.153	-0.04 (-0.09, 0.01)
16079_2	TEC	P42680	211	-0.022	0.012	0.068	-0.02 (-0.05, 1.60e-03	0.297	0.103	-0.045	0.025	0.078	-0.04 (-0.09, 4.75e-03	0.001	0.297	-0.049	0.024	0.043	-0.05 (-0.10, -1.46e-	-0.052	0.025	0.041	-0.05 (-0.10, -2.44e-03)
13486_9	PKD2	Q13563	211	0.021	0.011	0.068	0.02 (-1.54e-03, 0.04)	0.298	0.269	-0.031	0.023	0.169	-0.03 (-0.08, 0.01)	0.003	0.009	-0.002	0.020	0.941	-1.51e-03 (-0.04, 0.	-0.002	0.023	0.924	-2.23e-03 (-0.05, 0.04)
18859_7	EIF4EBP3	O60516	211	0.021	0.011	0.068	0.02 (-1.55e-03, 0.04)	0.298	0.258	-0.025	0.023	0.291	-0.02 (-0.07, 0.02)	0.003	0.024	-0.019	0.019	0.315	-0.02 (-0.06, 0.02)	-0.029	0.023	0.214	-0.03 (-0.08, 0.02)
8556_5	FAM134B	Q9H6L5	211	0.021	0.011	0.068	0.02 (-1.55e-03, 0.04)	0.298	0.232	-0.007	0.024	0.771	-0.01 (-0.05, 0.04)	0.002	0.173	0.006	0.021	0.794	0.01 (-0.04, 0.05)	0.011	0.023	0.643	0.01 (-0.03, 0.05)
9504_19	RAB27A	P51159	211	0.023	0.013	0.068	0.02 (-1.74e-03, 0.05)	0.298	0.031	-0.022	0.025	0.396	-0.02 (-0.07, 0.03)	0.003	0.041	-0.014	0.021	0.498	-0.01 (-0.06, 0.03)	-0.018	0.025	0.478	-0.02 (-0.07, 0.03)
9294_45	MFAP2	P55001	211	0.025	0.014	0.068	0.03 (-1.88e-03, 0.05)	0.299	0.003	-0.007	0.027	0.808	-0.01 (-0.06, 0.05)	0.002	0.178	0.001	0.024	0.962	1.14e-03 (-0.05, 0.0	-0.001	0.024	0.969	-9.17e-04 (-0.05, 0.05)
5623_11	CD300LF	Q8TDQ1	211	0.021	0.012	0.068	0.02 (-1.59e-03, 0.04)	0.299	0.229	-0.047	0.023	0.045	-0.05 (-0.09, -1.42e-0	0.004	0.001	-0.012	0.021	0.573	-0.01 (-0.05, 0.03)	-0.020	0.023	0.388	-0.02 (-0.06, 0.02)
8955_60	GLT8D1	Q68CQ7	211	0.021	0.011	0.068	0.02 (-1.58e-03, 0.04)	0.299	0.309	-0.034	0.023	0.137	-0.03 (-0.08, 0.01)	0.003	0.006	-0.003	0.021	0.898	-2.73e-03 (-0.04, 0.	0.000	0.021	0.982	4.62e-04 (-0.04, 0.04)
9202_309	ATP5O	P48047	211	-0.021	0.012	0.069	-0.02 (-0.04, 1.62e-03	0.299	0.856	-0.022	0.023	0.344	-0.02 (-0.07, 0.02)	0.000	0.973	-0.028	0.023	0.228	-0.03 (-0.07, 0.02)	-0.025	0.025	0.310	-0.03 (-0.07, 0.02)
3187_52	CRISP3	P54108	211	0.021	0.012	0.069	0.02 (-1.63e-03, 0.04)	0.300	0.654	-0.038	0.023	0.102	-0.04 (-0.08, 0.01)	0.004	0.003	-0.010	0.021	0.648	-0.01 (-0.05, 0.03)	-0.009	0.024	0.722	-0.01 (-0.06, 0.04)
2620_4	IL6ST	P40189	211	0.026	0.014	0.069	0.03 (-1.99e-03, 0.05)	0.301	0.001	0.051	0.028	0.071	0.05 (-4.05e-03, 0.11)	-0.002	0.300	0.025	0.026	0.325	0.03 (-0.03, 0.08)	0.008	0.026	0.756	0.01 (-0.04, 0.06)
18308_30	STXBP6	Q8NFX7	211	0.028	0.015	0.069	0.03 (-2.16e-03, 0.06)	0.301	2.93E-09	-0.011	0.030	0.724	-0.01 (-0.07, 0.05)	0.002	0.141	-0.005	0.020	0.822	-4.55e-03 (-0.04, 0.	-0.011	0.021	0.605	-0.01 (-0.05, 0.03)
7181_17	VAPB	O95292	211	0.023	0.013	0.069	0.02 (-1.80e-03, 0.05)	0.301	0.035	-0.022	0.025	0.370	-0.02 (-0.07, 0.03)	0.003	0.036	0.001	0.019	0.958	1.01e-03 (-0.04, 0.0	-0.025	0.024	0.292	-0.03 (-0.07, 0.02)
7210_25	APLP1	P51693	211	-0.027	0.015	0.069	-0.03 (-0.06, 2.15e-03	0.301	3.95E-07	0.057	0.029	0.051	0.06 (-1.06e-05, 0.11)	-0.005	0.001	-0.003	0.020	0.893	-2.73e-03 (-0.04, 0.	0.017	0.024	0.465	0.02 (-0.03, 0.06)
9994_217	ATP4B	P51164	211	0.021	0.012	0.069	0.02 (-1.68e-03, 0.04)	0.302	0.336	-0.051	0.023	0.029	-0.05 (-0.10, -0.01)	0.005	3.81E-04	-0.006	0.021	0.780	-0.01 (-0.05, 0.04)	-0.010	0.023	0.646	-0.01 (-0.05, 0.03)
12457_10	ADI1	Q9BV57	211	0.023	0.013	0.070	0.02 (-1.88e-03, 0.05)	0.303	0.014	-0.010	0.025	0.685	-0.01 (-0.06, 0.04)	0.002	0.126	0.017	0.025	0.491	0.02 (-0.03, 0.07)	0.017	0.025	0.485	0.02 (-0.03, 0.07)
7100_31	CD2	P06729	211	-0.023	0.013	0.070	-0.02 (-0.05, 1.85e-03	0.303	0.038	-0.016	0.025	0.527	-0.02 (-0.06, 0.03)	0.000	0.746	0.017	0.019	0.380	0.02 (-0.02, 0.05)	0.012	0.023	0.613	0.01 (-0.03, 0.06)
18301_10	NAIF1	Q69YI7	211	-0.021	0.012	0.070	-0.02 (-0.04, 1.76e-03	0.304	0.485	-0.055	0.023	0.020	-0.05 (-0.10, -0.01)	0.002	0.099	-0.044	0.023	0.059	-0.04 (-0.09, 1.76e-	-0.035	0.025	0.163	-0.04 (-0.08, 0.01)
7827_20	ADAM32	Q8TC27	211	0.021	0.012	0.070	0.02 (-1.74e-03, 0.04)	0.304	0.051	-0.009	0.025	0.722	-0.01 (-0.06, 0.04)	0.002	0.165	0.010	0.024	0.679	0.01 (-0.04, 0.06)	0.004	0.022	0.844	4.41e-03 (-0.04, 0.05)
10053_5	ILK	Q13418	211	-0.022	0.012	0.070	-0.02 (-0.05, 1.82e-03	0.305	0.064	-0.021	0.026	0.415	-0.02 (-0.07, 0.03)	0.000	0.972	-0.052	0.024	0.026	-0.05 (-0.10, -0.01)	-0.051	0.027	0.060	-0.05 (-0.10, 1.80e-03)
10081_17	SATB2	Q9UPW6	211	0.021	0.012	0.071	0.02 (-1.84e-03, 0.04)	0.306	0.104	-0.040	0.024	0.102	-0.04 (-0.09, 0.01)	0.004	0.004	-0.003	0.020	0.899	-2.55e-03 (-0.04, 0.	-0.003	0.025	0.897	-3.23e-03 (-0.05, 0.05)
10978_39	GH2	P01242	211	-0.021	0.012	0.071	-0.02 (-0.04, 1.79e-03	0.306	0.200	-0.034	0.024	0.163	-0.03 (-0.08, 0.01)	0.001	0.542	0.009	0.020	0.661	0.01 (-0.03, 0.05)	0.009	0.025	0.734	0.01 (-0.04, 0.06)
14091_42	CBR3	O75828	211	-0.021	0.012	0.071	-0.02 (-0.04, 1.82e-03	0.306	0.274	-0.040	0.024	0.097	-0.04 (-0.09, 0.01)	0.001	0.366	-0.050	0.020	0.012	-0.05 (-0.09, -0.01)	-0.051	0.025	0.044	-0.05 (-0.10, -1.68e-03)
19116_1	MUTED	Q8TDH9	211	0.023	0.013	0.071	0.02 (-2.02e-03, 0.05)	0.306	0.011	-0.038	0.025	0.135	-0.04 (-0.09, 0.01)	0.004	0.005	-0.004	0.019	0.810	-4.49e-03 (-0.04, 0.	-0.009	0.022	0.679	-0.01 (-0.05, 0.03)
19586_89	RAB3C	Q96E17	211	-0.022	0.012	0.071	-0.02 (-0.05, 1.86e-03	0.306	0.108	-0.038	0.025	0.131	-0.04 (-0.09, 0.01)	0.001	0.447	-0.042	0.022	0.054	-0.04 (-0.08, 6.39e-	-0.047	0.026	0.068	-0.05 (-0.10, 3.23e-03)
5095_21	KIR2DL4	Q99706	211	0.022	0.012	0.071	0.02 (-1.86e-03, 0.05)	0.306	0.249	-0.036	0.024	0.143	-0.04 (-0.08, 0.01)	0.004	0.007	0.002	0.021	0.942	1.50e-03 (-0.04, 0.0	-0.011	0.026	0.685	-0.01 (-0.06, 0.04)
6247_9	SIRPB1	O00241	211	0.018	0.010	0.071	0.02 (-1.54e-03, 0.04)	0.306	0.891	0.020	0.020	0.320	0.02 (-0.02, 0.06)	0.000	0.912	0.012	0.020	0.545	0.01 (-0.03, 0.05)	0.008	0.020	0.696	0.01 (-0.03, 0.05)
7994_41	ERO1LB	Q86YB8	211	0.026	0.014	0.071	0.03 (-2.23e-03, 0.05)	0.306	4.18E-05	-0.024	0.028	0.393	-0.02 (-0.08, 0.03)	0.003	0.042	-0.012	0.020	0.542	-0.01 (-0.05, 0.03)	-0.030	0.023	0.190	-0.03 (-0.07, 0.01)
12391_27	PDZD7	Q9H5P4	211	0.021	0.012	0.071	0.02 (-1.84e-03, 0.04)	0.306	0.089	-0.040	0.024	0.100	-0.04 (-0.09, 0.01)	0.004	0.004	0.010	0.024	0.659	0.01 (-0.04, 0.06)	0.014	0.023	0.523	0.01 (-0.03, 0.06)
9350_3	FSTL4	Q6MZW2	211	0.021	0.012	0.071	0.02 (-1.85e-03, 0.04)	0.306	0.072	-0.045	0.025	0.069	-0.04 (-0.09, 3.18e-03	0.004	0.002	-0.006	0.019	0.766	-0.01 (-0.04, 0.03)	-0.026	0.026	0.329	-0.03 (-0.08, 0.03)
11264_33	XDH	P47989	211	0.021	0.012	0.072	0.02 (-1.87e-03, 0.04)	0.307	0.159	-0.012	0.026	0.632	-0.01 (-0.06, 0.04)	0.002	0.137	0.002	0.023	0.931	1.95e-03 (-0.04, 0.0	0.003	0.027	0.925	2.60e-03 (-0.05, 0.06)
12707_26	DPYSL3	Q14195	211	-0.023	0.013	0.072	-0.02 (-0.05, 2.05e-03	0.307	0.042	-0.053	0.026	0.039	-0.05 (-0.10, -3.14e-0	0.002	0.176	-0.048	0.025	0.051	-0.05 (-0.10, 1.48e-	-0.053	0.025	0.031	-0.05 (-0.10, -0.01)
5230_99	HMGCR	P04035	211	0.021	0.012	0.072	0.02 (-1.85e-03, 0.04)	0.307	0.453	0.004	0.023	0.851	4.32e-03 (-0.04, 0.05)	0.001	0.407	0.011	0.024	0.659	0.01 (-0.04, 0.06)	0.017	0.024	0.486	0.02 (-0.03, 0.06)
19194_9	DTD1	Q8TEA8	211	-0.021	0.012	0.072	-0.02 (-0.04, 1.89e-03	0.307	0.080	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)	0.001	0.435	-0.058	0.023	0.010	-0.06 (-0.10, -0.01)	-0.064	0.027	0.019	-0.06 (-0.12, -0.01)
8597_1	TMEM9	Q9P0T7	211	0.024	0.013	0.072	0.02 (-2.13e-03, 0.05)	0.307	0.043	0.010	0.026	0.702	0.01 (-0.04, 0.06)	0.001	0.548	0.015	0.024	0.532	0.02 (-0.03, 0.06)	0.018	0.023	0.445	0.02 (-0.03, 0.06)
19280_29	UBE2D3	P61077	211	0.024	0.013	0.072	0.02 (-2.14e-03, 0.05)	0.307	0.008	-0.052	0.026	0.043	-0.05 (-0.10, -2.03e-0	0.005	0.001	-0.017	0.022	0.438	-0.02 (-0.06, 0.03)	-0.019	0.023	0.416	-0.02 (-0.06, 0.03)
5443_62	NPPA	P01160	211	0.021	0.012	0.072	0.02 (-1.92e-03, 0.04)	0.307	0.498	-0.029	0.023	0.214	-0.03 (-0.08, 0.02)	0.003	0.013	-0.006	0.022	0.784	-0.01 (-0.05, 0.04)	-0.007	0.024	0.757	-0.01 (-0.05, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
9014_18	TMEM25	Q86YD3	211	0.021	0.012	0.072	0.02 (-1.87e-03, 0.04)	0.307	0.202	-0.020	0.023	0.401	-0.02 (-0.07, 0.03)	0.003	0.046	0.002	0.024	0.937	1.88e-03 (-0.05, 0.0	-0.007	0.023	0.767	-0.01 (-0.05, 0.04)
10087_10	CRYAA	P02489	211	0.021	0.012	0.073	0.02 (-1.96e-03, 0.04)	0.308	0.070	-0.022	0.025	0.369	-0.02 (-0.07, 0.03)	0.003	0.043	-0.005	0.023	0.820	-0.01 (-0.05, 0.04)	-0.007	0.021	0.762	-0.01 (-0.05, 0.04)
10637_50	KIAA1324	Q6UXG2	211	0.021	0.012	0.073	0.02 (-1.96e-03, 0.04)	0.308	0.296	0.024	0.024	0.313	0.02 (-0.02, 0.07)	0.000	0.878	0.026	0.025	0.304	0.03 (-0.02, 0.07)	0.024	0.025	0.339	0.02 (-0.03, 0.07)
11117_2	SPATA20	Q8TB22	211	0.022	0.012	0.073	0.02 (-2.02e-03, 0.05)	0.308	0.171	-0.030	0.025	0.224	-0.03 (-0.08, 0.02)	0.003	0.016	-0.011	0.022	0.624	-0.01 (-0.05, 0.03)	-0.007	0.023	0.772	-0.01 (-0.05, 0.04)
12667_2	GDA	Q9Y2T3	211	0.022	0.012	0.073	0.02 (-2.04e-03, 0.05)	0.308	0.321	-0.012	0.025	0.622	-0.01 (-0.06, 0.04)	0.002	0.111	0.010	0.022	0.646	0.01 (-0.03, 0.05)	0.012	0.024	0.621	0.01 (-0.03, 0.06)
13628_58	GRB14	Q14449	211	0.023	0.013	0.073	0.02 (-2.17e-03, 0.05)	0.308	0.027	-0.035	0.025	0.166	-0.04 (-0.09, 0.01)	0.004	0.008	-0.012	0.020	0.569	-0.01 (-0.05, 0.03)	-0.016	0.022	0.470	-0.02 (-0.06, 0.03)
4959_2	AGR2	O95994	211	0.021	0.012	0.073	0.02 (-1.95e-03, 0.04)	0.308	0.143	-0.029	0.024	0.237	-0.03 (-0.08, 0.02)	0.003	0.018	0.001	0.022	0.975	6.95e-04 (-0.04, 0.0	0.008	0.023	0.729	0.01 (-0.04, 0.05)
6912_6	EFHA2	Q86XE3	211	0.023	0.013	0.073	0.02 (-2.19e-03, 0.05)	0.308	0.004	-0.023	0.026	0.379	-0.02 (-0.07, 0.03)	0.003	0.039	-0.007	0.021	0.755	-0.01 (-0.05, 0.03)	-0.006	0.024	0.813	-0.01 (-0.05, 0.04)
6969_14	WFDC5	Q8TCV5	211	0.023	0.013	0.073	0.02 (-2.14e-03, 0.05)	0.308	0.019	-0.046	0.025	0.067	-0.05 (-0.10, 3.03e-03	0.004	0.002	-0.006	0.021	0.777	-0.01 (-0.05, 0.04)	-0.009	0.024	0.691	-0.01 (-0.06, 0.04)
7875_86	PLEK	P08567	211	-0.021	0.012	0.073	-0.02 (-0.04, 1.97e-03	0.308	0.089	-0.017	0.025	0.508	-0.02 (-0.07, 0.03)	0.000	0.831	-0.036	0.025	0.141	-0.04 (-0.09, 0.01)	-0.033	0.026	0.205	-0.03 (-0.08, 0.02)
9850_38	EIF1AX	P47813	211	0.021	0.012	0.073	0.02 (-1.95e-03, 0.04)	0.308	0.247	-0.028	0.024	0.245	-0.03 (-0.07, 0.02)	0.003	0.018	-0.012	0.021	0.560	-0.01 (-0.05, 0.03)	-0.013	0.022	0.546	-0.01 (-0.06, 0.03)
9995_6	DUT	P33316	211	-0.021	0.012	0.073	-0.02 (-0.04, 1.93e-03	0.308	0.087	-0.051	0.024	0.037	-0.05 (-0.10, -3.33e-0	0.002	0.151	-0.044	0.020	0.025	-0.04 (-0.08, -0.01)	-0.057	0.024	0.017	-0.06 (-0.10, -0.01)
8034_6	DRGX	A6NNA5	211	0.020	0.011	0.073	0.02 (-1.94e-03, 0.04)	0.309	0.401	-0.016	0.023	0.471	-0.02 (-0.06, 0.03)	0.002	0.062	-0.002	0.020	0.908	-2.32e-03 (-0.04, 0.	-0.008	0.025	0.754	-0.01 (-0.06, 0.04)
16599_38	GPN1	Q9HCN4	211	-0.023	0.013	0.074	-0.02 (-0.05, 2.20e-03	0.310	0.045	-0.056	0.025	0.030	-0.06 (-0.11, -0.01)	0.002	0.139	-0.049	0.020	0.015	-0.05 (-0.09, -0.01)	-0.058	0.023	0.012	-0.06 (-0.10, -0.01)
18411_83	ARL15	Q9NXU5	211	0.025	0.014	0.074	0.02 (-2.37e-03, 0.05)	0.310	4.91E-04	-0.044	0.027	0.105	-0.04 (-0.10, 0.01)	0.004	0.004	-0.026	0.019	0.186	-0.03 (-0.06, 0.01)	-0.043	0.026	0.096	-0.04 (-0.09, 0.01)
2681_23	HGF	P14210	211	0.024	0.013	0.074	0.02 (-2.31e-03, 0.05)	0.310	0.008	-0.074	0.026	0.004	-0.07 (-0.12, -0.02)	0.006	1.41E-05	0.017	0.020	0.395	0.02 (-0.02, 0.06)	-0.027	0.024	0.276	-0.03 (-0.07, 0.02)
13013_41	PARK2	O60260	211	0.023	0.013	0.074	0.02 (-2.19e-03, 0.05)	0.310	0.045	-0.048	0.025	0.053	-0.05 (-0.10, 4.17e-04	0.004	0.001	-0.009	0.019	0.648	-0.01 (-0.05, 0.03)	-0.013	0.025	0.594	-0.01 (-0.06, 0.04)
9872_23	CTNNA2	P26232	211	0.021	0.012	0.074	0.02 (-2.03e-03, 0.04)	0.310	0.610	-0.009	0.023	0.715	-0.01 (-0.05, 0.04)	0.002	0.146	0.002	0.023	0.914	2.45e-03 (-0.04, 0.0	0.005	0.024	0.825	0.01 (-0.04, 0.05)
11218_84	TPMT	P51580	211	0.027	0.015	0.074	0.03 (-2.67e-03, 0.06)	0.311	2.15E-08	-0.052	0.030	0.082	-0.05 (-0.11, 0.01)	0.005	0.002	-0.002	0.023	0.923	-2.23e-03 (-0.05, 0.	0.000	0.024	0.997	9.73e-05 (-0.05, 0.05)
11237_49	PCOLCE	Q15113	211	-0.025	0.014	0.074	-0.03 (-0.05, 2.48e-03	0.311	9.75E-05	-0.036	0.028	0.202	-0.04 (-0.09, 0.02)	0.001	0.659	-0.024	0.021	0.257	-0.02 (-0.06, 0.02)	-0.022	0.025	0.382	-0.02 (-0.07, 0.03)
13691_10	SLC5A8	Q8N695	211	0.033	0.019	0.074	0.03 (-3.28e-03, 0.07)	0.311	5.15E-22	-0.020	0.037	0.591	-0.02 (-0.09, 0.05)	0.003	0.096	0.034	0.027	0.205	0.03 (-0.02, 0.09)	0.040	0.026	0.130	0.04 (-0.01, 0.09)
15440_57	PCSK2	P16519	211	0.021	0.012	0.074	0.02 (-2.08e-03, 0.04)	0.311	0.605	-0.015	0.023	0.529	-0.01 (-0.06, 0.03)	0.002	0.077	-0.004	0.023	0.856	-4.14e-03 (-0.05, 0.	-0.003	0.024	0.890	-3.27e-03 (-0.05, 0.04)
6321_65	PCDHGA1	Q9Y5H3	211	0.021	0.012	0.074	0.02 (-2.06e-03, 0.04)	0.311	0.106	-0.002	0.025	0.924	-2.36e-03 (-0.05, 0.05	0.001	0.276	-0.008	0.023	0.715	-0.01 (-0.05, 0.04)	-0.012	0.026	0.649	-0.01 (-0.06, 0.04)
9561_21	VCAN	P13611	211	0.021	0.012	0.075	0.02 (-2.06e-03, 0.04)	0.311	0.082	-0.021	0.025	0.392	-0.02 (-0.07, 0.03)	0.003	0.050	0.013	0.023	0.559	0.01 (-0.03, 0.06)	-0.002	0.023	0.940	-1.70e-03 (-0.05, 0.04)
11441_11	PYGL	P06737	211	0.023	0.013	0.075	0.02 (-2.28e-03, 0.05)	0.311	0.009	-0.020	0.025	0.428	-0.02 (-0.07, 0.03)	0.003	0.050	-0.010	0.020	0.610	-0.01 (-0.05, 0.03)	-0.012	0.023	0.591	-0.01 (-0.06, 0.03)
8002_27	TMPRSS5	Q9H3S3	211	0.021	0.012	0.075	0.02 (-2.11e-03, 0.04)	0.312	0.142	-0.016	0.024	0.522	-0.02 (-0.06, 0.03)	0.002	0.085	-0.006	0.022	0.802	-0.01 (-0.05, 0.04)	0.004	0.022	0.865	3.65e-03 (-0.04, 0.05)
9450_18	CDK2AP1	O14519	211	0.021	0.012	0.075	0.02 (-2.09e-03, 0.04)	0.312	0.259	-0.017	0.024	0.470	-0.02 (-0.06, 0.03)	0.002	0.068	0.004	0.024	0.875	3.80e-03 (-0.04, 0.0	0.004	0.025	0.864	4.31e-03 (-0.05, 0.05)
13479_8	FAM171A2	A8MVW0	211	0.024	0.013	0.075	0.02 (-2.43e-03, 0.05)	0.313	0.005	-0.046	0.026	0.082	-0.05 (-0.10, 0.01)	0.004	0.002	-0.009	0.019	0.626	-0.01 (-0.05, 0.03)	-0.025	0.024	0.297	-0.02 (-0.07, 0.02)
5134_52	HAVCR2	Q8TDQ0	211	0.025	0.014	0.075	0.02 (-2.52e-03, 0.05)	0.313	3.03E-05	-0.046	0.027	0.089	-0.05 (-0.10, 0.01)	0.004	0.003	-0.017	0.020	0.388	-0.02 (-0.06, 0.02)	-0.030	0.026	0.249	-0.03 (-0.08, 0.02)
14065_11	CD5	P06127	211	0.020	0.012	0.076	0.02 (-2.12e-03, 0.04)	0.314	0.093	-0.029	0.024	0.235	-0.03 (-0.08, 0.02)	0.003	0.019	-0.012	0.023	0.614	-0.01 (-0.06, 0.03)	-0.017	0.022	0.429	-0.02 (-0.06, 0.03)
18294_26	SOX2	P48431	211	0.021	0.012	0.076	0.02 (-2.17e-03, 0.04)	0.314	0.064	-0.023	0.025	0.352	-0.02 (-0.07, 0.03)	0.003	0.041	-0.001	0.023	0.974	-7.50e-04 (-0.05, 0.	-0.003	0.023	0.914	-2.54e-03 (-0.05, 0.04)
9847_21	TGIF2	Q9GZN2	211	0.020	0.011	0.076	0.02 (-2.11e-03, 0.04)	0.314	0.392	-0.001	0.023	0.958	-1.20e-03 (-0.05, 0.04	0.001	0.275	0.004	0.024	0.870	3.93e-03 (-0.04, 0.0	0.005	0.023	0.835	4.70e-03 (-0.04, 0.05)
4908_6	ENG	P17813	211	0.024	0.013	0.076	0.02 (-2.47e-03, 0.05)	0.314	0.012	0.043	0.027	0.108	0.04 (-0.01, 0.09)	-0.001	0.405	0.019	0.025	0.441	0.02 (-0.03, 0.07)	0.019	0.024	0.423	0.02 (-0.03, 0.07)
5060_62	CD274	Q9NZQ7	211	0.021	0.012	0.076	0.02 (-2.16e-03, 0.04)	0.314	0.293	0.006	0.024	0.806	0.01 (-0.04, 0.05)	0.001	0.471	0.002	0.022	0.910	2.43e-03 (-0.04, 0.0	0.003	0.026	0.898	3.30e-03 (-0.05, 0.05)
9183_7	IFNAR1	P17181	211	0.022	0.012	0.076	0.02 (-2.29e-03, 0.05)	0.315	0.659	0.008	0.024	0.752	0.01 (-0.04, 0.06)	0.001	0.503	-0.003	0.024	0.907	-2.85e-03 (-0.05, 0.	0.000	0.029	0.999	-4.07e-05 (-0.06, 0.06)
4719_58	PDIA3	P30101	211	-0.023	0.013	0.077	-0.02 (-0.05, 2.41e-03	0.316	0.042	-0.052	0.025	0.040	-0.05 (-0.10, -2.73e-0	0.002	0.176	-0.037	0.022	0.087	-0.04 (-0.08, 0.01)	-0.049	0.026	0.057	-0.05 (-0.10, 1.27e-03)
13113_7	SPP1	P10451	211	-0.021	0.012	0.077	-0.02 (-0.04, 2.27e-03	0.317	0.124	-0.018	0.025	0.481	-0.02 (-0.07, 0.03)	0.000	0.873	-0.012	0.023	0.610	-0.01 (-0.06, 0.03)	-0.020	0.024	0.408	-0.02 (-0.07, 0.03)
9577_26	SYT2	Q8N9I0	211	0.021	0.012	0.077	0.02 (-2.25e-03, 0.04)	0.318	0.295	-0.008	0.024	0.741	-0.01 (-0.05, 0.04)	0.002	0.164	0.013	0.024	0.592	0.01 (-0.03, 0.06)	0.026	0.023	0.254	0.03 (-0.02, 0.07)
6975_52	SNAPIN	O95295	211	0.023	0.013	0.077	0.02 (-2.46e-03, 0.05)	0.318	0.037	-0.060	0.025	0.015	-0.06 (-0.11, -0.01)	0.005	1.35E-04	-0.005	0.019	0.810	-4.53e-03 (-0.04, 0.	-0.016	0.023	0.476	-0.02 (-0.06, 0.03)
14121_24	TNFRSF10	Q9UBN6	211	0.023	0.013	0.077	0.02 (-2.56e-03, 0.05)	0.318	0.004	-0.055	0.025	0.031	-0.06 (-0.11, -0.01)	0.005	4.24E-04	-0.002	0.020	0.923	-1.93e-03 (-0.04, 0.	-0.009	0.022	0.677	-0.01 (-0.05, 0.03)
12691_44	SHMT2	P34897	211	-0.020	0.012	0.078	-0.02 (-0.04, 2.29e-03	0.320	0.841	-0.032	0.023	0.168	-0.03 (-0.08, 0.01)	0.001	0.567	-0.038	0.022	0.080	-0.04 (-0.08, 4.50e-	-0.037	0.025	0.136	-0.04 (-0.09, 0.01)
17711_13	VAMP1	P23763	211	0.022	0.012	0.078	0.02 (-2.48e-03, 0.05)	0.320	0.038	-0.022	0.025	0.379	-0.02 (-0.07, 0.03)	0.003	0.042	-0.003	0.023	0.906	-2.69e-03 (-0.05, 0.	-0.013	0.023	0.589	-0.01 (-0.06, 0.03)
19335_2	HN1	Q9UK76	211	0.024	0.013	0.078	0.02 (-2.66e-03, 0.05)	0.320	0.004	-0.018	0.026	0.504	-0.02 (-0.07, 0.03)	0.003	0.071	0.001	0.023	0.971	8.49e-04 (-0.04, 0.0	0.009	0.023	0.714	0.01 (-0.04, 0.05)
2844_53	TIE1	P35590	211	0.023	0.013	0.078	0.02 (-2.55e-03, 0.05)	0.320	0.026	0.023	0.026	0.378	0.02 (-0.03, 0.07)	0.000	0.998	0.016	0.019	0.390	0.02 (-0.02, 0.05)	0.000	0.026	0.988	-3.91e-04 (-0.05, 0.05)
2961_1	PROC	P04070	211	0.027	0.015	0.078	0.03 (-3.00e-03, 0.06)	0.320	3.64E-09	0.013	0.030	0.662	0.01 (-0.05, 0.07)	0.001	0.605	0.043	0.023	0.067	0.04 (-2.99e-03, 0.0	0.046	0.022	0.034	0.05 (3.74e-03, 0.09)
3866_7	SBDS	Q9Y3A5	211	-0.021	0.012	0.078	-0.02 (-0.05, 2.42e-03	0.320	0.132	-0.041	0.025	0.108	-0.04 (-0.09, 0.01)	0.001	0.373	-0.057	0.021	0.007	-0.06 (-0.10, -0.02)	-0.055	0.027	0.039	-0.06 (-0.11, -2.99e-03)
7881_244	PARP16	Q8N5Y8	211	0.024	0.013	0.078	0.02 (-2.67e-03, 0.05)	0.320	0.006	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)	0.004	0.003	-0.015	0.020	0.448	-0.02 (-0.06, 0.02)	-0.007	0.024	0.768	-0.01 (-0.05, 0.04)
18156_7	ATG3	Q9NT62	211	0.021	0.012	0.078	0.02 (-2.34e-03, 0.04)	0.320	0.076	-0.023	0.025	0.342	-0.02 (-0.07, 0.02)	0.003	0.040	0.010	0.020	0.603	0.01 (-0.03, 0.05)	-0.002	0.023	0.919	-2.36e-03 (-0.05, 0.04)
19113_66	SH3BGRL2	Q9UJC5	211	-0.024	0.013	0.079	-0.02 (-0.05, 2.71e-03	0.320	0.013	-0.033	0.027	0.221	-0.03 (-0.09, 0.02)	0.001	0.693	-0.050	0.023	0.030	-0.05 (-0.09, -4.91e-	-0.047	0.025	0.060	-0.05 (-0.10, 1.68e-03)
19264_6	RPA2	P15927	211	0.020	0.012	0.078	0.02 (-2.33e-03, 0.04)	0.320	0.117	-0.011	0.024	0.642	-0.01 (-0.06, 0.04)	0.002	0.130	0.012	0.024	0.614	0.01 (-0.03, 0.06)	0.009	0.023	0.686	0.01 (-0.04, 0.05)
9255_5	IL17C	Q9P0M4	211	0.020	0.012	0.079	0.02 (-2.32e-03, 0.04)	0.320	0.068	-0.020	0.025	0.417	-0.02 (-0.07, 0.03)	0.003	0.059	-0.011	0.021	0.601	-0.01 (-0.05, 0.03)	-0.006	0.023	0.774	-0.01 (-0.05, 0.04)
11634_32	RGS10	O43665	211	-0.021	0.012	0.079	-0.02 (-0.04, 2.43e-03	0.321	0.090	-0.033	0.025	0.194	-0.03 (-0.08, 0.02)	0.001	0.586	-0.045	0.023	0.051	-0.05 (-0.09, 2.85e-	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)
7648_9	MYBPC1	Q00872	211	0.027	0.015	0.079	0.03 (-3.11e-03, 0.06)	0.321	2.04E-07	-0.033	0.031	0.280	-0.03 (-0.09, 0.03)	0.004	0.025	-0.002	0.026	0.925	-2.45e-03 (-0.05, 0.	0.001	0.029	0.980	7.27e-04 (-0.06, 0.06)
6385_63	VWA1	Q6PCB0	211	0.024	0.014	0.079	0.02 (-2.75e-03, 0.05)	0.321	0.007	-0.026	0.027	0.338	-0.03 (-0.08, 0.03)	0.003	0.035	0.002	0.027	0.955	1.53e-03 (-0.05, 0.0	0.005	0.031	0.871	4.99e-03 (-0.05, 0.06)
17367_5	STMN1	P16949	211	-0.021	0.012	0.079	-0.02 (-0.04, 2.40e-03	0.321	0.093	-0.082	0.025	0.001	-0.08 (-0.13, -0.03)	0.004	0.004	-0.068	0.023	0.003	-0.07 (-0.11, -0.02)	-0.061	0.023	0.010	-0.06 (-0.11, -0.02)
13557_3	PVRL3	Q9NQS3	211	0.020	0.012	0.079	0.02 (-2.37e-03, 0.04)	0.321	0.064	-0.061	0.024	0.011	-0.06 (-0.11, -0.01)	0.005	9.94E-05	-0.021	0.020	0.284	-0.02 (-0.06, 0.02)	-0.024	0.024	0.313	-0.02 (-0.07, 0.02)
5112_73	CD200	P41217	211	0.020	0.012	0.079	0.02 (-2.38e-03, 0.04)	0.321	0.593	-0.026	0.023	0.254	-0.03 (-0.07, 0.02)	0.003	0.020	-0.002	0.020	0.907	-2.35e-03 (-0.04, 0.	-0.009	0.021	0.664	-0.01 (-0.05, 0.03)
7822_11	HRASLS2	Q9NWW9	211	0.022	0.012	0.079	0.02 (-2.55e-03, 0.05)	0.321	0.040	-0.021	0.024	0.383	-0.02 (-0.07, 0.03)	0.003	0.041	0.006	0.024	0.807	0.01 (-0.04, 0.05)	0.010	0.022	0.653	0.01 (-0.03, 0.05)
10606_34	TOR1AIP1	Q5JTV8	211	-0.020	0.012	0.080	-0.02 (-0.04, 2.41e-03	0.322	0.205	-0.054	0.024	0.026	-0.05 (-0.10, -0.01)	0.002	0.109	-0.048	0.022	0.028	-0.05 (-0.09, -0.01)	-0.040	0.024	0.095	-0.04 (-0.09, 0.01)
10800_15	SERPINH1	P50454	211	-0.023	0.013	0.080	-0.02 (-0.05, 2.67e-03	0.322	0.036	-0.042	0.025	0.104	-0.04 (-0.09, 0.01)	0.001	0.387	-0.029	0.021	0.152	-0.03 (-0.07, 0.01)	-0.045	0.026	0.083	-0.04 (-0.10, 0.01)
11494_4	ELL2	O00472	211	0.020	0.012	0.080	0.02 (-2.43e-03, 0.04)	0.322	0.208	-0.012	0.024	0.608	-0.01 (-0.06, 0.03)	0.002	0.113	0.004	0.024	0.861	4.19e-03 (-0.04, 0.0	0.017	0.023	0.441	0.02 (-0.03, 0.06)
12612_37	PSMB1	P20618	211	0.023	0.013	0.080	0.02 (-2.73e-03, 0.05)	0.322	0.009	0.004	0.026	0.875	4.06e-03 (-0.05, 0.05)	0.001	0.403	0.017	0.025	0.499	0.02 (-0.03, 0.07)	0.004	0.025	0.874	4.03e-03 (-0.05, 0.05)
12800_5	TPPP2	P59282	211	-0.025	0.015	0.080	-0.03 (-0.05, 3.06e-03	0.322	2.40E-05	-0.084	0.028	0.004	-0.08 (-0.14, -0.03)	0.004	0.018	-0.028	0.026	0.288	-0.03 (-0.08, 0.02)	-0.059	0.027	0.031	-0.06 (-0.11, -0.01)
17727_1	PTTG1	O95997	211	0.021	0.012	0.080	0.02 (-2.49e-03, 0.04)	0.322	0.185	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)	0.003	0.012	-0.017	0.021	0.410	-0.02 (-0.06, 0.02)	-0.009	0.023	0.696	-0.01 (-0.06, 0.04)
18892_48	GPC4	O75487	211	0.020	0.012	0.080	0.02 (-2.45e-03, 0.04)	0.322	0.231	0.009	0.024	0.704	0.01 (-0.04, 0.06)	0.001	0.583	0.030	0.023	0.193	0.03 (-0.01, 0.07)	0.022	0.024	0.353	0.02 (-0.02, 0.07)
2913_1	CCL23	P55773	211	-0.022	0.012	0.080	-0.02 (-0.05, 2.56e-03	0.322	0.135	-0.028	0.026	0.284	-0.03 (-0.08, 0.02)	0.000	0.782	-0.012	0.023	0.618	-0.01 (-0.06, 0.03)	-0.023	0.023	0.315	-0.02 (-0.07, 0.02)
2939_10	ARTN	Q5T4W7	211	0.023	0.013	0.080	0.02 (-2.82e-03, 0.05)	0.322	0.003	-0.037	0.026	0.160	-0.04 (-0.09, 0.01)	0.004	0.008	-0.009	0.023	0.691	-0.01 (-0.05, 0.04)	-0.002	0.023	0.938	-1.82e-03 (-0.05, 0.04)
3486_58	FGF1	P05230	211	0.022	0.013	0.080	0.02 (-2.69e-03, 0.05)	0.322	0.026	-0.036	0.025	0.154	-0.04 (-0.09, 0.01)	0.004	0.008	-0.002	0.020	0.924	-1.95e-03 (-0.04, 0.	-0.012	0.023	0.603	-0.01 (-0.06, 0.03)
6354_13	HEPHL1	Q6MZM0	211	0.020	0.012	0.080	0.02 (-2.47e-03, 0.04)	0.322	0.131	-0.038	0.024	0.107	-0.04 (-0.08, 0.01)	0.004	0.004	-0.001	0.023	0.974	-7.49e-04 (-0.05, 0.	0.008	0.024	0.749	0.01 (-0.04, 0.05)
7184_13	CEACAM7	Q14002	211	0.024	0.014	0.080	0.02 (-2.89e-03, 0.05)	0.322	2.33E-04	-0.035	0.027	0.200	-0.03 (-0.09, 0.02)	0.004	0.013	-0.013	0.024	0.578	-0.01 (-0.06, 0.03)	-0.026	0.025	0.285	-0.03 (-0.07, 0.02)
7989_5	C1orf226	A1L170	211	0.023	0.013	0.080	0.02 (-2.78e-03, 0.05)	0.322	0.003	-0.015	0.026	0.571	-0.01 (-0.07, 0.04)	0.002	0.095	-0.015	0.020	0.438	-0.02 (-0.05, 0.02)	-0.019	0.026	0.462	-0.02 (-0.07, 0.03)
9557_5	MANSC1	Q9H8J5	211	-0.027	0.016	0.080	-0.03 (-0.06, 3.28e-03	0.322	1.11E-08	-0.006	0.031	0.837	-0.01 (-0.07, 0.05)	-0.001	0.434	-0.030	0.026	0.241	-0.03 (-0.08, 0.02)	-0.021	0.026	0.410	-0.02 (-0.07, 0.03)
13423_94	FAM213A	Q9BRX8	211	0.022	0.012	0.081	0.02 (-2.66e-03, 0.05)	0.323	0.041	-0.014	0.025	0.565	-0.01 (-0.06, 0.03)	0.002	0.093	-0.009	0.020	0.647	-0.01 (-0.05, 0.03)	-0.019	0.023	0.394	-0.02 (-0.06, 0.02)
13067_5	PRKG1	Q13976	211	0.023	0.013	0.081	0.02 (-2.86e-03, 0.05)	0.323	0.005	-0.023	0.026	0.384	-0.02 (-0.07, 0.03)	0.003	0.043	-0.012	0.021	0.565	-0.01 (-0.05, 0.03)	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)
18840_205	SH2D1B	O14796	211	0.023	0.013	0.081	0.02 (-2.85e-03, 0.05)	0.323	0.003	-0.050	0.026	0.053	-0.05 (-0.10, 2.65e-04	0.005	0.001	-0.006	0.021	0.763	-0.01 (-0.05, 0.03)	-0.012	0.023	0.607	-0.01 (-0.06, 0.03)
18319_7	PDHX	O00330	211	-0.020	0.011	0.081	-0.02 (-0.04, 2.46e-03	0.323	0.698	-0.044	0.023	0.055	-0.04 (-0.09, 7.44e-04	0.002	0.227	-0.040	0.018	0.030	-0.04 (-0.08, -3.76e-	-0.048	0.025	0.055	-0.05 (-0.10, 7.17e-04)
12734_112	KIF22	Q14807	211	0.020	0.012	0.081	0.02 (-2.53e-03, 0.04)	0.324	0.173	-0.033	0.024	0.166	-0.03 (-0.08, 0.01)	0.003	0.010	-0.010	0.021	0.635	-0.01 (-0.05, 0.03)	-0.014	0.023	0.523	-0.01 (-0.06, 0.03)
17419_17	TES	Q9UGI8	211	0.022	0.013	0.081	0.02 (-2.78e-03, 0.05)	0.324	0.031	-0.014	0.025	0.572	-0.01 (-0.06, 0.04)	0.002	0.095	0.015	0.020	0.461	0.01 (-0.02, 0.05)	0.004	0.024	0.872	3.87e-03 (-0.04, 0.05)
13078_3	CETN2	P41208	211	0.023	0.013	0.082	0.02 (-2.84e-03, 0.05)	0.325	0.020	-0.033	0.026	0.195	-0.03 (-0.08, 0.02)	0.004	0.012	-0.004	0.023	0.849	-4.31e-03 (-0.05, 0.	-0.003	0.023	0.897	-3.04e-03 (-0.05, 0.04)
6404_20	C1QL1	O75973	211	0.023	0.013	0.082	0.02 (-2.84e-03, 0.05)	0.325	0.049	0.000	0.026	0.986	4.36e-04 (-0.05, 0.05)	0.001	0.318	0.000	0.024	1.000	0.00e+00 (-0.05, 0.	0.001	0.025	0.967	1.05e-03 (-0.05, 0.05)
7969_163	WFDC11	Q8NEX6	211	0.022	0.013	0.082	0.02 (-2.74e-03, 0.05)	0.325	0.029	-0.001	0.025	0.973	-8.46e-04 (-0.05, 0.05	0.001	0.294	-0.001	0.023	0.961	-1.12e-03 (-0.05, 0.	0.005	0.024	0.824	0.01 (-0.04, 0.05)
11567_23	ZNF10	P21506	211	0.020	0.012	0.082	0.02 (-2.58e-03, 0.04)	0.325	0.157	-0.041	0.024	0.085	-0.04 (-0.09, 0.01)	0.004	0.003	-0.007	0.021	0.743	-0.01 (-0.05, 0.03)	-0.013	0.025	0.595	-0.01 (-0.06, 0.04)
13416_8	TMEM132	Q14C87	211	-0.026	0.015	0.082	-0.03 (-0.06, 3.34e-03	0.325	1.38E-06	0.053	0.029	0.072	0.05 (-4.43e-03, 0.11)	-0.005	0.002	0.006	0.023	0.797	0.01 (-0.04, 0.05)	-0.008	0.023	0.732	-0.01 (-0.05, 0.04)
14616_16	ZNF382	Q96SR6	211	0.020	0.012	0.082	0.02 (-2.53e-03, 0.04)	0.325	0.095	-0.019	0.024	0.427	-0.02 (-0.07, 0.03)	0.002	0.061	-0.018	0.022	0.415	-0.02 (-0.06, 0.03)	-0.013	0.026	0.629	-0.01 (-0.06, 0.04)
5864_10	ALDOA	P04075	211	-0.021	0.012	0.082	-0.02 (-0.04, 2.67e-03	0.326	0.066	-0.041	0.026	0.111	-0.04 (-0.09, 0.01)	0.001	0.365	-0.048	0.023	0.036	-0.05 (-0.09, -3.18e-	-0.044	0.024	0.069	-0.04 (-0.09, 3.22e-03)
6291_55	CLSTN3	Q9BQT9	211	0.022	0.013	0.082	0.02 (-2.85e-03, 0.05)	0.326	0.030	-0.053	0.025	0.033	-0.05 (-0.10, -4.56e-0	0.005	0.001	-0.008	0.019	0.679	-0.01 (-0.04, 0.03)	-0.052	0.030	0.085	-0.05 (-0.11, 0.01)
4407_10	MST1	P26927	211	-0.027	0.016	0.083	-0.03 (-0.06, 3.55e-03	0.327	2.61E-57	-0.032	0.031	0.300	-0.03 (-0.09, 0.03)	0.000	0.863	-0.027	0.014	0.064	-0.03 (-0.05, 1.58e-	-0.043	0.015	0.005	-0.04 (-0.07, -0.01)
13439_6	IQCF3	P0C7M6	211	0.023	0.013	0.083	0.02 (-3.03e-03, 0.05)	0.328	0.002	-0.049	0.026	0.064	-0.05 (-0.10, 2.48e-03	0.005	0.002	-0.013	0.020	0.510	-0.01 (-0.05, 0.03)	-0.016	0.021	0.448	-0.02 (-0.06, 0.03)
7624_19	ANK2	Q01484	211	0.021	0.012	0.083	0.02 (-2.70e-03, 0.04)	0.328	0.070	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)	0.004	0.004	0.000	0.022	1.000	0.00e+00 (-0.04, 0.	-0.001	0.023	0.948	-1.47e-03 (-0.05, 0.04)
9843_5	ACTN1	P12814	211	-0.020	0.012	0.083	-0.02 (-0.04, 2.65e-03	0.328	0.426	-0.032	0.023	0.175	-0.03 (-0.08, 0.01)	0.001	0.568	-0.045	0.023	0.052	-0.05 (-0.09, 3.71e-	-0.033	0.025	0.188	-0.03 (-0.08, 0.02)
9333_59	ERP27	Q96DN0	211	0.020	0.011	0.083	0.02 (-2.61e-03, 0.04)	0.329	0.203	-0.017	0.023	0.468	-0.02 (-0.06, 0.03)	0.002	0.070	0.012	0.024	0.610	0.01 (-0.04, 0.06)	0.002	0.023	0.914	2.43e-03 (-0.04, 0.05)
7197_2	DNAJC15	Q9Y5T4	211	0.020	0.012	0.084	0.02 (-2.69e-03, 0.04)	0.330	0.202	-0.014	0.024	0.549	-0.01 (-0.06, 0.03)	0.002	0.097	-0.009	0.022	0.696	-0.01 (-0.05, 0.03)	-0.005	0.025	0.847	-4.80e-03 (-0.05, 0.04)
16751_15	NPPB	P16860	211	0.020	0.011	0.084	0.02 (-2.66e-03, 0.04)	0.331	0.173	-0.014	0.023	0.555	-0.01 (-0.06, 0.03)	0.002	0.093	-0.002	0.024	0.949	-1.56e-03 (-0.05, 0.	-0.008	0.023	0.739	-0.01 (-0.05, 0.04)
17726_3	SAR1A	Q9NR31	211	-0.021	0.012	0.084	-0.02 (-0.04, 2.79e-03	0.331	0.111	-0.037	0.025	0.145	-0.04 (-0.09, 0.01)	0.001	0.459	-0.051	0.022	0.023	-0.05 (-0.10, -0.01)	-0.050	0.025	0.046	-0.05 (-0.10, -1.10e-03)
17372_5	EIF4EBP1	Q13541	211	0.020	0.011	0.084	0.02 (-2.66e-03, 0.04)	0.331	0.077	-0.013	0.024	0.577	-0.01 (-0.06, 0.03)	0.002	0.111	-0.006	0.024	0.820	-0.01 (-0.05, 0.04)	-0.017	0.025	0.513	-0.02 (-0.07, 0.03)
9380_2	PLA2G12B	Q9BX93	211	0.027	0.015	0.084	0.03 (-3.59e-03, 0.06)	0.331	1.32E-08	0.033	0.031	0.286	0.03 (-0.03, 0.09)	0.000	0.815	0.063	0.022	0.005	0.06 (0.02, 0.11)	0.064	0.024	0.007	0.06 (0.02, 0.11)
19606_28	IHH	Q14623	211	-0.021	0.012	0.084	-0.02 (-0.04, 2.83e-03	0.331	0.099	-0.012	0.026	0.632	-0.01 (-0.06, 0.04)	-0.001	0.695	-0.008	0.024	0.737	-0.01 (-0.06, 0.04)	-0.007	0.024	0.778	-0.01 (-0.05, 0.04)
11387_3	ATF6B	Q99941	211	0.039	0.023	0.085	0.04 (-0.01, 0.08)	0.333	2.00E-57	0.003	0.045	0.946	3.02e-03 (-0.08, 0.09)	0.002	0.355	0.035	0.020	0.086	0.03 (-4.99e-03, 0.0	-0.002	0.029	0.942	-2.08e-03 (-0.06, 0.05)
12894_3	PAXIP1	Q6ZW49	211	0.022	0.013	0.085	0.02 (-3.10e-03, 0.05)	0.333	0.026	-0.047	0.025	0.065	-0.05 (-0.10, 2.64e-03	0.004	0.002	-0.004	0.024	0.883	-3.55e-03 (-0.05, 0.	-0.002	0.024	0.923	-2.28e-03 (-0.05, 0.04)
14074_2	SHC2	P98077	211	0.020	0.012	0.085	0.02 (-2.76e-03, 0.04)	0.333	0.350	-0.007	0.023	0.760	-0.01 (-0.05, 0.04)	0.002	0.181	0.013	0.023	0.580	0.01 (-0.03, 0.06)	-0.006	0.023	0.807	-0.01 (-0.05, 0.04)
14287_6	RAB5C	P51148	211	-0.020	0.012	0.085	-0.02 (-0.04, 2.82e-03	0.333	0.300	-0.056	0.024	0.020	-0.06 (-0.10, -0.01)	0.002	0.087	-0.053	0.022	0.016	-0.05 (-0.10, -0.01)	-0.055	0.026	0.033	-0.06 (-0.11, -4.88e-03)
15565_102	MUC16	Q8WXI7	211	0.021	0.012	0.085	0.02 (-2.90e-03, 0.04)	0.333	0.201	0.025	0.025	0.323	0.02 (-0.02, 0.07)	0.000	0.851	0.012	0.023	0.596	0.01 (-0.03, 0.06)	0.023	0.027	0.408	0.02 (-0.03, 0.08)
16781_2	ENGASE	Q8NFI3	211	0.025	0.015	0.085	0.03 (-3.53e-03, 0.05)	0.333	1.02E-06	0.003	0.029	0.930	2.57e-03 (-0.05, 0.06)	0.001	0.367	0.007	0.019	0.723	0.01 (-0.03, 0.04)	0.005	0.024	0.826	0.01 (-0.04, 0.05)
4294_16	SPHK1	Q9NYA1	211	-0.021	0.012	0.085	-0.02 (-0.04, 2.89e-03	0.333	0.105	-0.028	0.025	0.269	-0.03 (-0.08, 0.02)	0.000	0.737	-0.057	0.022	0.009	-0.06 (-0.10, -0.01)	-0.064	0.027	0.019	-0.06 (-0.12, -0.01)
4912_17	GOT1	P17174	211	0.022	0.013	0.085	0.02 (-3.09e-03, 0.05)	0.333	0.046	-0.030	0.025	0.248	-0.03 (-0.08, 0.02)	0.003	0.019	-0.016	0.023	0.490	-0.02 (-0.06, 0.03)	-0.010	0.023	0.662	-0.01 (-0.06, 0.04)
15465_79	CNPY4	Q8N129	211	-0.020	0.012	0.086	-0.02 (-0.04, 2.86e-03	0.334	0.073	-0.045	0.025	0.077	-0.04 (-0.09, 4.52e-03	0.002	0.263	-0.045	0.022	0.037	-0.05 (-0.09, -2.78e-	-0.052	0.025	0.041	-0.05 (-0.10, -2.40e-03)
5400_52	LEPR	P48357	211	-0.024	0.014	0.086	-0.02 (-0.05, 3.41e-03	0.334	1.29E-22	0.040	0.028	0.152	0.04 (-0.01, 0.09)	-0.004	0.008	0.019	0.020	0.345	0.02 (-0.02, 0.06)	0.041	0.021	0.048	0.04 (6.22e-04, 0.08)
5609_92	FAM19A5	Q7Z5A7	211	0.020	0.012	0.086	0.02 (-2.80e-03, 0.04)	0.334	0.104	-0.018	0.025	0.451	-0.02 (-0.07, 0.03)	0.002	0.071	0.009	0.024	0.708	0.01 (-0.04, 0.06)	-0.001	0.025	0.976	-7.60e-04 (-0.05, 0.05)
11258_41	MADCAM1	Q13477	211	0.022	0.013	0.086	0.02 (-3.14e-03, 0.05)	0.334	0.029	-0.041	0.025	0.106	-0.04 (-0.09, 0.01)	0.004	0.004	-0.012	0.020	0.553	-0.01 (-0.05, 0.03)	-0.017	0.022	0.429	-0.02 (-0.06, 0.03)
12501_10	TBCA	O75347	211	0.228	0.133	0.086	0.23 (-0.03, 0.49)	0.334	0.00E+00	0.317	0.266	0.233	0.32 (-0.20, 0.84)	-0.006	0.697	-0.004	0.026	0.881	-3.89e-03 (-0.05, 0.	0.003	0.029	0.921	2.87e-03 (-0.05, 0.06)
11155_16	COL6A5	A8TX70	211	0.020	0.012	0.086	0.02 (-2.82e-03, 0.04)	0.334	0.355	-0.015	0.023	0.511	-0.02 (-0.06, 0.03)	0.002	0.081	0.011	0.025	0.643	0.01 (-0.04, 0.06)	0.010	0.023	0.657	0.01 (-0.03, 0.06)
6932_42	ITGA5	P08648	211	0.023	0.013	0.086	0.02 (-3.20e-03, 0.05)	0.334	0.017	-0.040	0.026	0.117	-0.04 (-0.09, 0.01)	0.004	0.005	-0.006	0.020	0.752	-0.01 (-0.04, 0.03)	-0.016	0.023	0.482	-0.02 (-0.06, 0.03)
18205_123	MAGEA6	P43360	211	0.022	0.013	0.086	0.02 (-3.19e-03, 0.05)	0.335	0.016	-0.050	0.025	0.048	-0.05 (-0.10, -7.22e-0	0.005	0.001	-0.006	0.022	0.793	-0.01 (-0.05, 0.04)	-0.008	0.022	0.717	-0.01 (-0.05, 0.03)
5980_55	BOLA3	Q53S33	211	-0.020	0.012	0.086	-0.02 (-0.04, 2.92e-03	0.335	0.144	-0.057	0.025	0.022	-0.06 (-0.11, -0.01)	0.002	0.087	-0.053	0.020	0.007	-0.05 (-0.09, -0.01)	-0.058	0.024	0.016	-0.06 (-0.10, -0.01)
13430_50	SLC14A1	Q13336	211	0.020	0.012	0.086	0.02 (-2.86e-03, 0.04)	0.335	0.076	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)	0.005	0.001	0.003	0.019	0.852	3.47e-03 (-0.03, 0.0	-0.013	0.023	0.572	-0.01 (-0.06, 0.03)
3026_5	CAST	P20810	211	-0.024	0.014	0.087	-0.02 (-0.05, 3.56e-03	0.337	0.001	0.012	0.028	0.665	0.01 (-0.04, 0.07)	-0.002	0.135	-0.013	0.022	0.551	-0.01 (-0.06, 0.03)	-0.013	0.025	0.601	-0.01 (-0.06, 0.04)
10557_6	TEX29	Q8N6K0	211	0.022	0.013	0.087	0.02 (-3.25e-03, 0.05)	0.337	0.017	-0.024	0.026	0.356	-0.02 (-0.07, 0.03)	0.003	0.039	-0.007	0.021	0.718	-0.01 (-0.05, 0.03)	-0.005	0.025	0.834	-0.01 (-0.05, 0.04)
3003_29	NCR3	O14931	211	0.020	0.012	0.087	0.02 (-2.94e-03, 0.04)	0.337	0.064	-0.001	0.025	0.962	-1.18e-03 (-0.05, 0.05	0.001	0.324	0.006	0.023	0.796	0.01 (-0.04, 0.05)	0.011	0.025	0.676	0.01 (-0.04, 0.06)
8225_86	EPHB2	P29323	211	0.023	0.013	0.087	0.02 (-3.36e-03, 0.05)	0.337	0.013	0.017	0.027	0.529	0.02 (-0.04, 0.07)	0.000	0.791	-0.006	0.021	0.772	-0.01 (-0.05, 0.04)	-0.014	0.028	0.617	-0.01 (-0.07, 0.04)
8587_21	SPINK14	Q6IE38	211	0.023	0.013	0.087	0.02 (-3.33e-03, 0.05)	0.337	0.011	-0.050	0.026	0.053	-0.05 (-0.10, 4.35e-04	0.005	0.001	-0.011	0.024	0.658	-0.01 (-0.06, 0.04)	-0.010	0.022	0.650	-0.01 (-0.05, 0.03)
9846_32	ARHGDIB	P52566	211	-0.020	0.012	0.088	-0.02 (-0.04, 3.00e-03	0.338	0.108	-0.045	0.025	0.074	-0.04 (-0.09, 4.19e-03	0.002	0.258	-0.051	0.023	0.025	-0.05 (-0.10, -0.01)	-0.051	0.025	0.042	-0.05 (-0.10, -2.19e-03)
18188_12	GATM	P50440	211	0.020	0.012	0.088	0.02 (-3.06e-03, 0.04)	0.339	0.075	-0.016	0.025	0.527	-0.02 (-0.07, 0.03)	0.002	0.097	-0.003	0.023	0.881	-3.39e-03 (-0.05, 0.	-0.007	0.026	0.779	-0.01 (-0.06, 0.04)
7066_199	FAM209B	Q5JX69	211	0.020	0.012	0.088	0.02 (-2.96e-03, 0.04)	0.339	0.187	-0.005	0.024	0.832	-0.01 (-0.05, 0.04)	0.002	0.231	-0.003	0.023	0.901	-2.82e-03 (-0.05, 0.	0.004	0.023	0.874	3.61e-03 (-0.04, 0.05)
18158_45	CASP8	Q14790	211	0.020	0.012	0.088	0.02 (-3.02e-03, 0.04)	0.340	0.166	-0.042	0.024	0.080	-0.04 (-0.09, 4.78e-03	0.004	0.003	-0.004	0.021	0.862	-3.55e-03 (-0.04, 0.	-0.002	0.025	0.945	-1.70e-03 (-0.05, 0.05)
16823_75	APOL3	O95236	211	0.021	0.012	0.088	0.02 (-3.09e-03, 0.04)	0.340	0.149	0.010	0.025	0.685	0.01 (-0.04, 0.06)	0.001	0.635	0.035	0.025	0.155	0.04 (-0.01, 0.08)	0.016	0.024	0.515	0.02 (-0.03, 0.06)
7991_54	IQCF1	Q8N6M8	211	0.024	0.014	0.089	0.02 (-3.55e-03, 0.05)	0.340	1.23E-04	-0.063	0.027	0.019	-0.06 (-0.11, -0.01)	0.005	2.14E-04	0.009	0.021	0.677	0.01 (-0.03, 0.05)	0.005	0.022	0.839	4.54e-03 (-0.04, 0.05)
12703_6	NEK7	Q8TDX7	211	-0.023	0.013	0.089	-0.02 (-0.05, 3.48e-03	0.340	0.009	-0.032	0.027	0.232	-0.03 (-0.08, 0.02)	0.001	0.691	-0.061	0.022	0.006	-0.06 (-0.10, -0.02)	-0.066	0.027	0.017	-0.07 (-0.12, -0.01)
5629_58	KLRC1	P26715	211	0.020	0.012	0.089	0.02 (-3.01e-03, 0.04)	0.340	0.686	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)	0.004	0.005	-0.011	0.022	0.603	-0.01 (-0.05, 0.03)	-0.017	0.026	0.515	-0.02 (-0.07, 0.03)
5810_25	TDGF1	P13385	211	0.016	0.009	0.089	0.02 (-2.41e-03, 0.03)	0.340	0.097	0.025	0.020	0.197	0.03 (-0.01, 0.06)	-0.001	0.575	0.029	0.019	0.129	0.03 (-0.01, 0.07)	0.029	0.018	0.115	0.03 (-0.01, 0.07)
6504_65	LOXL2	Q9Y4K0	211	0.020	0.012	0.089	0.02 (-3.01e-03, 0.04)	0.340	0.221	-0.001	0.024	0.955	-1.34e-03 (-0.05, 0.05	0.001	0.305	-0.009	0.023	0.698	-0.01 (-0.05, 0.04)	0.003	0.025	0.909	2.90e-03 (-0.05, 0.05)
7903_18	VAMP3	Q15836	211	0.020	0.012	0.089	0.02 (-3.03e-03, 0.04)	0.340	0.129	-0.023	0.024	0.350	-0.02 (-0.07, 0.02)	0.003	0.043	-0.010	0.021	0.624	-0.01 (-0.05, 0.03)	-0.002	0.023	0.924	-2.21e-03 (-0.05, 0.04)
8087_250	RNF13	O43567	211	0.019	0.011	0.089	0.02 (-2.93e-03, 0.04)	0.340	0.162	-0.017	0.022	0.449	-0.02 (-0.06, 0.03)	0.002	0.055	0.001	0.023	0.949	1.45e-03 (-0.04, 0.0	0.009	0.020	0.639	0.01 (-0.03, 0.05)
18945_11	RGS1	Q08116	211	0.020	0.012	0.089	0.02 (-3.05e-03, 0.04)	0.341	0.094	-0.042	0.024	0.087	-0.04 (-0.09, 0.01)	0.004	0.004	-0.006	0.020	0.766	-0.01 (-0.04, 0.03)	-0.012	0.025	0.631	-0.01 (-0.06, 0.04)
6285_71	MLEC	Q14165	211	-0.020	0.012	0.090	-0.02 (-0.04, 3.16e-03	0.341	0.072	-0.041	0.026	0.112	-0.04 (-0.09, 0.01)	0.001	0.357	-0.056	0.022	0.010	-0.06 (-0.10, -0.01)	-0.056	0.024	0.018	-0.06 (-0.10, -0.01)
7073_69	C22orf15	Q8WYQ4	211	0.020	0.011	0.090	0.02 (-3.01e-03, 0.04)	0.341	0.117	0.015	0.024	0.538	0.01 (-0.03, 0.06)	0.000	0.825	0.023	0.023	0.320	0.02 (-0.02, 0.07)	0.018	0.022	0.423	0.02 (-0.03, 0.06)
12403_30	RAB39B	Q96DA2	211	0.020	0.012	0.090	0.02 (-3.10e-03, 0.04)	0.341	0.118	-0.047	0.024	0.055	-0.05 (-0.09, 7.95e-04	0.004	0.002	-0.019	0.020	0.340	-0.02 (-0.06, 0.02)	-0.005	0.024	0.840	-4.92e-03 (-0.05, 0.04)
8929_7	BDP1	A6H8Y1	211	0.022	0.013	0.090	0.02 (-3.43e-03, 0.05)	0.342	0.012	-0.052	0.025	0.042	-0.05 (-0.10, -2.17e-0	0.005	0.001	0.004	0.021	0.853	3.98e-03 (-0.04, 0.0	0.002	0.024	0.925	2.26e-03 (-0.04, 0.05)
13123_3	FLRT3	Q9NZU0	211	0.020	0.012	0.090	0.02 (-3.15e-03, 0.04)	0.342	0.005	0.022	0.024	0.346	0.02 (-0.02, 0.07)	0.000	0.917	0.014	0.022	0.510	0.01 (-0.03, 0.06)	0.021	0.020	0.298	0.02 (-0.02, 0.06)
15467_10	CTHRC1	Q96CG8	211	-0.024	0.014	0.090	-0.02 (-0.05, 3.80e-03	0.342	5.02E-05	-0.026	0.029	0.363	-0.03 (-0.08, 0.03)	0.000	0.944	0.005	0.021	0.802	0.01 (-0.04, 0.05)	-0.007	0.025	0.791	-0.01 (-0.06, 0.04)
3832_51	PTK6	Q13882	211	0.020	0.012	0.090	0.02 (-3.09e-03, 0.04)	0.342	0.309	-0.004	0.024	0.852	-4.45e-03 (-0.05, 0.04	0.002	0.244	0.001	0.022	0.964	9.71e-04 (-0.04, 0.0	0.002	0.025	0.942	1.86e-03 (-0.05, 0.05)
9365_91	EYS	Q5T1H1	211	0.022	0.013	0.090	0.02 (-3.43e-03, 0.05)	0.342	0.007	-0.029	0.025	0.248	-0.03 (-0.08, 0.02)	0.003	0.020	-0.007	0.020	0.731	-0.01 (-0.05, 0.03)	-0.008	0.024	0.749	-0.01 (-0.06, 0.04)
3283_21	TGFBI	Q15582	211	0.024	0.014	0.090	0.02 (-3.81e-03, 0.05)	0.342	2.74E-05	0.011	0.028	0.698	0.01 (-0.04, 0.07)	0.001	0.592	0.015	0.019	0.427	0.02 (-0.02, 0.05)	0.006	0.029	0.845	0.01 (-0.05, 0.06)
4324_33	CST2	P09228	211	-0.023	0.013	0.090	-0.02 (-0.05, 3.58e-03	0.342	0.006	0.008	0.026	0.768	0.01 (-0.04, 0.06)	-0.002	0.180	0.002	0.024	0.931	2.07e-03 (-0.04, 0.0	-0.007	0.023	0.755	-0.01 (-0.05, 0.04)
7183_102	C19orf80	Q6UXH0	211	0.020	0.012	0.090	0.02 (-3.09e-03, 0.04)	0.342	0.067	-0.021	0.025	0.384	-0.02 (-0.07, 0.03)	0.003	0.054	-0.015	0.022	0.503	-0.01 (-0.06, 0.03)	-0.006	0.022	0.788	-0.01 (-0.05, 0.04)
9783_75	DNAJC11	Q9NVH1	211	0.020	0.012	0.090	0.02 (-3.12e-03, 0.04)	0.342	0.088	-0.037	0.024	0.135	-0.04 (-0.08, 0.01)	0.004	0.008	0.001	0.021	0.949	1.35e-03 (-0.04, 0.0	-0.008	0.024	0.725	-0.01 (-0.05, 0.04)
2631_50	IL10RB	Q08334	211	0.020	0.012	0.091	0.02 (-3.21e-03, 0.04)	0.344	0.111	-0.048	0.024	0.052	-0.05 (-0.10, 1.31e-04	0.004	0.002	0.004	0.020	0.833	4.24e-03 (-0.04, 0.0	-0.003	0.026	0.916	-2.71e-03 (-0.05, 0.05)
7785_1	EFNB3	Q15768	211	0.021	0.013	0.091	0.02 (-3.43e-03, 0.05)	0.345	0.024	-0.030	0.025	0.234	-0.03 (-0.08, 0.02)	0.003	0.018	0.012	0.018	0.495	0.01 (-0.02, 0.05)	0.002	0.022	0.934	1.84e-03 (-0.04, 0.04)
17490_4	SH3BGRL3	Q9H299	211	-0.020	0.012	0.092	-0.02 (-0.04, 3.25e-03	0.346	0.137	-0.033	0.025	0.190	-0.03 (-0.08, 0.02)	0.001	0.557	-0.050	0.022	0.023	-0.05 (-0.09, -0.01)	-0.047	0.026	0.070	-0.05 (-0.10, 3.63e-03)
11174_8	THSD7A	Q9UPZ6	211	0.022	0.013	0.093	0.02 (-3.68e-03, 0.05)	0.348	0.005	-0.014	0.026	0.592	-0.01 (-0.07, 0.04)	0.002	0.110	-0.009	0.022	0.696	-0.01 (-0.05, 0.04)	-0.010	0.024	0.679	-0.01 (-0.06, 0.04)
11284_24	LAIR1	Q6GTX8	211	0.022	0.013	0.092	0.02 (-3.57e-03, 0.05)	0.348	0.025	-0.035	0.025	0.165	-0.04 (-0.08, 0.01)	0.004	0.010	-0.007	0.023	0.759	-0.01 (-0.05, 0.04)	-0.003	0.023	0.898	-2.99e-03 (-0.05, 0.04)
11448_34	GALK1	P51570	211	-0.022	0.013	0.093	-0.02 (-0.05, 3.67e-03	0.348	0.017	-0.053	0.026	0.046	-0.05 (-0.10, -1.27e-0	0.002	0.181	-0.046	0.024	0.055	-0.05 (-0.09, 9.77e-	-0.046	0.024	0.056	-0.05 (-0.09, 8.64e-04)
19357_11	VAMP7	P51809	211	0.023	0.013	0.093	0.02 (-3.74e-03, 0.05)	0.348	0.005	-0.024	0.027	0.370	-0.02 (-0.08, 0.03)	0.003	0.044	-0.019	0.023	0.396	-0.02 (-0.06, 0.03)	-0.028	0.027	0.290	-0.03 (-0.08, 0.02)
8479_4	MMP10	P09238	211	0.023	0.014	0.093	0.02 (-3.83e-03, 0.05)	0.348	0.005	0.031	0.027	0.257	0.03 (-0.02, 0.08)	0.000	0.738	0.023	0.027	0.384	0.02 (-0.03, 0.08)	0.018	0.027	0.501	0.02 (-0.03, 0.07)
9094_5	CLEC4C	Q8WTT0	211	0.021	0.013	0.092	0.02 (-3.49e-03, 0.05)	0.348	0.048	0.004	0.025	0.867	4.21e-03 (-0.04, 0.05)	0.001	0.433	-0.016	0.019	0.401	-0.02 (-0.05, 0.02)	-0.028	0.023	0.238	-0.03 (-0.07, 0.02)
16837_20	CFLAR	O15519	211	-0.019	0.012	0.093	-0.02 (-0.04, 3.24e-03	0.348	0.080	-0.057	0.024	0.021	-0.06 (-0.10, -0.01)	0.002	0.077	-0.040	0.023	0.079	-0.04 (-0.08, 4.56e-	-0.030	0.024	0.214	-0.03 (-0.08, 0.02)
17365_7	CCBL1	Q16773	211	0.024	0.014	0.093	0.02 (-4.02e-03, 0.05)	0.348	9.95E-06	-0.048	0.028	0.088	-0.05 (-0.10, 0.01)	0.005	0.003	-0.007	0.020	0.721	-0.01 (-0.05, 0.03)	0.001	0.022	0.946	1.50e-03 (-0.04, 0.04)
5620_13	PAM	P19021	211	-0.106	0.063	0.093	-0.11 (-0.23, 0.02)	0.348	0.00E+00	-0.268	0.125	0.033	-0.27 (-0.51, -0.02)	0.010	0.135	-0.031	0.021	0.153	-0.03 (-0.07, 0.01)	-0.023	0.025	0.348	-0.02 (-0.07, 0.03)
16769_20	RAC3	P60763	211	-0.020	0.012	0.093	-0.02 (-0.04, 3.31e-03	0.348	0.188	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)	0.002	0.102	-0.053	0.021	0.012	-0.05 (-0.09, -0.01)	-0.052	0.024	0.034	-0.05 (-0.10, -4.33e-03)
3374_49	HCK	P08631	211	0.019	0.012	0.093	0.02 (-3.25e-03, 0.04)	0.348	0.126	0.000	0.024	0.993	2.22e-04 (-0.05, 0.05)	0.001	0.363	-0.007	0.022	0.757	-0.01 (-0.05, 0.04)	0.008	0.024	0.732	0.01 (-0.04, 0.05)
3719_2	CDKN1B	P46527	211	-0.022	0.013	0.093	-0.02 (-0.05, 3.65e-03	0.348	0.011	-0.022	0.026	0.387	-0.02 (-0.07, 0.03)	0.000	0.980	-0.044	0.023	0.058	-0.04 (-0.09, 1.51e-	-0.048	0.024	0.045	-0.05 (-0.09, -1.39e-03)
2982_82	LGALS4	P56470	211	0.023	0.014	0.093	0.02 (-3.82e-03, 0.05)	0.349	0.004	-0.045	0.026	0.089	-0.04 (-0.10, 0.01)	0.004	0.003	0.009	0.019	0.654	0.01 (-0.03, 0.05)	-0.008	0.027	0.771	-0.01 (-0.06, 0.04)
13488_3	ARFIP1	P53367	211	-0.020	0.012	0.094	-0.02 (-0.04, 3.42e-03	0.349	0.077	-0.038	0.026	0.138	-0.04 (-0.09, 0.01)	0.001	0.420	-0.053	0.023	0.025	-0.05 (-0.10, -0.01)	-0.060	0.026	0.021	-0.06 (-0.11, -0.01)
3194_36	GP6	Q9HCN6	211	-0.020	0.012	0.094	-0.02 (-0.04, 3.44e-03	0.349	0.057	-0.043	0.026	0.099	-0.04 (-0.09, 0.01)	0.001	0.314	-0.045	0.025	0.067	-0.05 (-0.09, 3.23e-	-0.047	0.025	0.061	-0.05 (-0.10, 1.92e-03)
7244_16	IGFLR1	Q9H665	211	0.023	0.014	0.094	0.02 (-3.90e-03, 0.05)	0.349	0.002	-0.016	0.027	0.566	-0.02 (-0.07, 0.04)	0.002	0.102	-0.008	0.024	0.750	-0.01 (-0.05, 0.04)	-0.008	0.027	0.770	-0.01 (-0.06, 0.05)
14156_33	YWHAB	P31946	211	-0.020	0.012	0.094	-0.02 (-0.04, 3.38e-03	0.349	0.188	-0.040	0.025	0.104	-0.04 (-0.09, 0.01)	0.001	0.341	-0.047	0.021	0.027	-0.05 (-0.09, -0.01)	-0.054	0.025	0.031	-0.05 (-0.10, -0.01)
13688_2	CAPSL	Q8WWF8	211	0.019	0.011	0.094	0.02 (-3.30e-03, 0.04)	0.351	0.255	0.000	0.023	0.994	-1.82e-04 (-0.05, 0.05	0.001	0.340	0.014	0.018	0.439	0.01 (-0.02, 0.05)	-0.011	0.026	0.684	-0.01 (-0.06, 0.04)
4342_10	ICAM1	P05362	211	0.020	0.012	0.094	0.02 (-3.38e-03, 0.04)	0.351	0.008	-0.003	0.023	0.883	-3.42e-03 (-0.05, 0.04	0.001	0.251	0.021	0.017	0.224	0.02 (-0.01, 0.05)	0.007	0.023	0.771	0.01 (-0.04, 0.05)
7995_16	VWC2L	B2RUY7	211	0.019	0.012	0.094	0.02 (-3.32e-03, 0.04)	0.351	0.318	-0.041	0.023	0.077	-0.04 (-0.09, 4.11e-03	0.004	0.003	-0.006	0.022	0.782	-0.01 (-0.05, 0.04)	0.000	0.023	0.985	4.34e-04 (-0.04, 0.05)
8048_9	FTMT	Q8N4E7	211	0.027	0.016	0.094	0.03 (-4.72e-03, 0.06)	0.351	3.57E-16	0.000	0.033	0.996	1.70e-04 (-0.06, 0.06)	0.002	0.336	0.020	0.025	0.418	0.02 (-0.03, 0.07)	0.024	0.023	0.296	0.02 (-0.02, 0.07)
9249_17	TMEM9	Q9P0T7	211	0.021	0.013	0.094	0.02 (-3.63e-03, 0.05)	0.351	0.024	-0.051	0.025	0.040	-0.05 (-0.10, -2.58e-0	0.005	0.001	0.001	0.019	0.949	1.22e-03 (-0.04, 0.0	-0.030	0.024	0.224	-0.03 (-0.08, 0.02)
17756_69	DCTD	P32321	211	-0.020	0.012	0.095	-0.02 (-0.04, 3.50e-03	0.351	0.052	-0.031	0.026	0.228	-0.03 (-0.08, 0.02)	0.001	0.619	-0.058	0.021	0.006	-0.06 (-0.10, -0.02)	-0.060	0.027	0.026	-0.06 (-0.11, -0.01)
17728_61	CHMP2A	O43633	211	-0.020	0.012	0.095	-0.02 (-0.04, 3.47e-03	0.352	0.092	-0.048	0.025	0.058	-0.05 (-0.10, 1.36e-03	0.002	0.199	-0.054	0.023	0.021	-0.05 (-0.10, -0.01)	-0.054	0.026	0.038	-0.05 (-0.10, -3.27e-03)
4278_14	P4HB	P07237	211	0.022	0.013	0.095	0.02 (-3.88e-03, 0.05)	0.352	0.003	-0.037	0.026	0.156	-0.04 (-0.09, 0.01)	0.004	0.009	-0.002	0.021	0.911	-2.34e-03 (-0.04, 0.	-0.007	0.024	0.786	-0.01 (-0.05, 0.04)
12731_12	PLEKHA7	Q6IQ23	211	0.023	0.014	0.095	0.02 (-3.96e-03, 0.05)	0.353	0.003	-0.014	0.027	0.591	-0.01 (-0.07, 0.04)	0.002	0.111	0.000	0.022	0.994	-1.75e-04 (-0.04, 0.	0.004	0.025	0.873	3.98e-03 (-0.04, 0.05)
9253_52	ABO	P16442	211	0.015	0.009	0.096	0.02 (-2.70e-03, 0.03)	0.355	0.256	-0.004	0.019	0.815	-4.49e-03 (-0.04, 0.03	0.001	0.241	0.000	0.018	0.981	4.13e-04 (-0.03, 0.0	-0.004	0.018	0.842	-3.62e-03 (-0.04, 0.03)
11211_7	TBCE	Q15813	211	-0.020	0.012	0.096	-0.02 (-0.04, 3.57e-03	0.356	0.124	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	0.001	0.285	-0.059	0.022	0.006	-0.06 (-0.10, -0.02)	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)
10030_8	MUTYH	Q9UIF7	211	0.019	0.011	0.097	0.02 (-3.40e-03, 0.04)	0.357	0.107	-0.012	0.024	0.620	-0.01 (-0.06, 0.04)	0.002	0.138	-0.005	0.019	0.792	-0.01 (-0.04, 0.03)	-0.016	0.024	0.504	-0.02 (-0.06, 0.03)
12860_7	ARPP21	Q9UBL0	211	0.019	0.012	0.097	0.02 (-3.49e-03, 0.04)	0.358	0.070	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.005	1.09E-04	-0.011	0.018	0.538	-0.01 (-0.05, 0.02)	-0.022	0.021	0.301	-0.02 (-0.06, 0.02)
15506_34	LRP12	Q9Y561	211	0.018	0.011	0.097	0.02 (-3.26e-03, 0.04)	0.358	0.407	-0.006	0.019	0.766	-0.01 (-0.04, 0.03)	0.002	0.140	0.000	0.021	0.981	4.92e-04 (-0.04, 0.0	0.002	0.019	0.914	2.02e-03 (-0.03, 0.04)
3397_7	PTPN11	Q06124	211	-0.019	0.012	0.097	-0.02 (-0.04, 3.51e-03	0.358	0.078	-0.015	0.024	0.547	-0.01 (-0.06, 0.03)	0.000	0.826	-0.009	0.023	0.697	-0.01 (-0.05, 0.04)	-0.009	0.025	0.730	-0.01 (-0.06, 0.04)
16845_15	MPZL1	O95297	211	0.019	0.012	0.097	0.02 (-3.54e-03, 0.04)	0.359	0.336	-0.026	0.023	0.267	-0.03 (-0.07, 0.02)	0.003	0.026	-0.010	0.020	0.640	-0.01 (-0.05, 0.03)	-0.013	0.024	0.581	-0.01 (-0.06, 0.03)
19250_50	MYCBP	Q99417	211	-0.020	0.012	0.097	-0.02 (-0.04, 3.61e-03	0.359	0.066	-0.039	0.025	0.126	-0.04 (-0.09, 0.01)	0.001	0.382	-0.056	0.022	0.010	-0.06 (-0.10, -0.01)	-0.063	0.026	0.015	-0.06 (-0.11, -0.01)
5033_27	TPM1	P09493	211	0.021	0.013	0.098	0.02 (-3.83e-03, 0.05)	0.360	0.048	-0.066	0.024	0.006	-0.07 (-0.11, -0.02)	0.005	3.99E-05	0.006	0.019	0.750	0.01 (-0.03, 0.04)	-0.029	0.023	0.203	-0.03 (-0.07, 0.02)
8446_4	ADCYAP1	P18509	211	0.019	0.012	0.098	0.02 (-3.54e-03, 0.04)	0.360	0.273	0.002	0.024	0.923	2.29e-03 (-0.04, 0.05)	0.001	0.408	-0.015	0.021	0.466	-0.02 (-0.06, 0.03)	-0.013	0.024	0.583	-0.01 (-0.06, 0.03)
9257_14	TACO1	Q9BSH4	211	-0.020	0.012	0.099	-0.02 (-0.04, 3.66e-03	0.362	0.474	-0.018	0.024	0.450	-0.02 (-0.06, 0.03)	0.000	0.933	-0.040	0.024	0.087	-0.04 (-0.09, 0.01)	-0.033	0.025	0.188	-0.03 (-0.08, 0.02)
18295_102	GRHPR	Q9UBQ7	211	0.023	0.014	0.099	0.02 (-4.29e-03, 0.05)	0.363	0.001	0.008	0.027	0.776	0.01 (-0.05, 0.06)	0.001	0.524	0.007	0.024	0.764	0.01 (-0.04, 0.06)	0.016	0.023	0.490	0.02 (-0.03, 0.06)
6555_58	STOML2	Q9UJZ1	211	0.022	0.014	0.099	0.02 (-4.21e-03, 0.05)	0.363	0.001	-0.042	0.026	0.115	-0.04 (-0.09, 0.01)	0.004	0.005	0.011	0.020	0.573	0.01 (-0.03, 0.05)	-0.021	0.025	0.407	-0.02 (-0.07, 0.03)
17757_86	CAB39	Q9Y376	211	-0.020	0.012	0.099	-0.02 (-0.04, 3.70e-03	0.364	0.092	-0.036	0.025	0.156	-0.04 (-0.08, 0.01)	0.001	0.457	-0.055	0.022	0.015	-0.05 (-0.10, -0.01)	-0.055	0.027	0.039	-0.06 (-0.11, -3.24e-03)
5713_9	IFNL3	Q8IZI9	211	0.019	0.012	0.099	0.02 (-3.62e-03, 0.04)	0.364	0.108	0.001	0.024	0.972	8.67e-04 (-0.05, 0.05)	0.001	0.386	0.009	0.024	0.705	0.01 (-0.04, 0.06)	0.000	0.024	0.999	-3.01e-05 (-0.05, 0.05)
7968_15	CRTAM	O95727	211	0.023	0.014	0.100	0.02 (-4.44e-03, 0.05)	0.364	0.001	0.062	0.028	0.029	0.06 (0.01, 0.12)	-0.002	0.116	0.015	0.025	0.538	0.02 (-0.03, 0.06)	0.038	0.025	0.123	0.04 (-0.01, 0.09)
10442_1	TMEM190	Q8WZ59	211	-0.020	0.012	0.100	-0.02 (-0.04, 3.84e-03	0.365	0.924	-0.007	0.024	0.761	-0.01 (-0.05, 0.04)	-0.001	0.529	-0.004	0.024	0.864	-4.10e-03 (-0.05, 0.	-0.007	0.023	0.777	-0.01 (-0.05, 0.04)
12034_28	CAP1	Q01518	211	-0.019	0.012	0.100	-0.02 (-0.04, 3.67e-03	0.365	0.216	-0.049	0.024	0.042	-0.05 (-0.10, -2.05e-0	0.002	0.151	-0.013	0.025	0.603	-0.01 (-0.06, 0.04)	0.006	0.025	0.811	0.01 (-0.04, 0.06)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
12664_19	PTPN13	Q12923	211	0.019	0.012	0.100	0.02 (-3.64e-03, 0.04)	0.365	0.101	-0.010	0.024	0.673	-0.01 (-0.06, 0.04)	0.002	0.165	-0.004	0.021	0.865	-3.57e-03 (-0.04, 0.0	0.003	0.023	0.894	3.05e-03 (-0.04, 0.05)
13465_5	RCAN1	P53805	211	0.021	0.013	0.100	0.02 (-3.97e-03, 0.05)	0.365	0.094	-0.001	0.029	0.979	-7.83e-04 (-0.06, 0.06	0.001	0.409	0.004	0.021	0.855	3.89e-03 (-0.04, 0.0	-0.013	0.032	0.686	-0.01 (-0.07, 0.05)
5488_74	SRC	P12931	211	-0.020	0.012	0.100	-0.02 (-0.04, 3.80e-03	0.365	0.062	-0.021	0.026	0.409	-0.02 (-0.07, 0.03)	0.000	0.947	-0.046	0.024	0.060	-0.05 (-0.09, 2.01e-	-0.042	0.026	0.108	-0.04 (-0.09, 0.01)
15635_4	SMOC2	Q9H3U7	211	0.022	0.014	0.101	0.02 (-4.33e-03, 0.05)	0.366	0.008	0.004	0.027	0.897	3.51e-03 (-0.05, 0.06)	0.001	0.422	0.003	0.025	0.902	3.02e-03 (-0.05, 0.0	0.005	0.025	0.834	0.01 (-0.04, 0.05)
19287_59	DENR	O43583	211	-0.021	0.013	0.100	-0.02 (-0.05, 4.13e-03	0.366	0.041	-0.052	0.026	0.046	-0.05 (-0.10, -1.11e-0	0.002	0.175	-0.060	0.023	0.010	-0.06 (-0.11, -0.01)	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)
6936_7	PMEPA1	Q969W9	211	0.019	0.012	0.101	0.02 (-3.77e-03, 0.04)	0.366	0.204	-0.011	0.024	0.659	-0.01 (-0.06, 0.04)	0.002	0.153	0.020	0.023	0.391	0.02 (-0.03, 0.07)	0.007	0.023	0.752	0.01 (-0.04, 0.05)
8404_102	BOLA2	Q9H3K6	211	0.019	0.012	0.101	0.02 (-3.67e-03, 0.04)	0.366	0.156	-0.013	0.024	0.582	-0.01 (-0.06, 0.03)	0.002	0.123	0.013	0.023	0.570	0.01 (-0.03, 0.06)	0.005	0.023	0.828	0.01 (-0.04, 0.05)
12665_16	ILF2	Q12905	211	0.019	0.012	0.101	0.02 (-3.69e-03, 0.04)	0.366	0.337	-0.002	0.023	0.937	-1.86e-03 (-0.05, 0.04	0.001	0.304	-0.013	0.020	0.519	-0.01 (-0.05, 0.03)	-0.015	0.022	0.507	-0.01 (-0.06, 0.03)
19142_39	DNMT3L	Q9UJW3	211	0.022	0.013	0.101	0.02 (-4.23e-03, 0.05)	0.366	0.006	-0.030	0.026	0.242	-0.03 (-0.08, 0.02)	0.003	0.021	0.011	0.020	0.582	0.01 (-0.03, 0.05)	-0.011	0.025	0.658	-0.01 (-0.06, 0.04)
10361_25	OAS1	P00973	211	0.019	0.012	0.101	0.02 (-3.74e-03, 0.04)	0.368	0.086	-0.039	0.024	0.104	-0.04 (-0.09, 0.01)	0.004	0.006	0.009	0.024	0.705	0.01 (-0.04, 0.06)	0.013	0.025	0.610	0.01 (-0.04, 0.06)
8858_21	BATF3	Q9NR55	211	0.019	0.012	0.102	0.02 (-3.78e-03, 0.04)	0.368	0.055	-0.032	0.025	0.198	-0.03 (-0.08, 0.02)	0.003	0.018	-0.005	0.020	0.794	-0.01 (-0.04, 0.03)	-0.010	0.023	0.674	-0.01 (-0.05, 0.04)
11315_148	PPM1D	O15297	211	0.019	0.012	0.102	0.02 (-3.80e-03, 0.04)	0.368	0.094	-0.041	0.024	0.094	-0.04 (-0.09, 0.01)	0.004	0.005	-0.010	0.021	0.626	-0.01 (-0.05, 0.03)	-0.007	0.021	0.747	-0.01 (-0.05, 0.03)
11709_29	CPT1B	Q92523	211	-0.022	0.014	0.102	-0.02 (-0.05, 4.44e-03	0.368	0.001	-0.045	0.027	0.096	-0.05 (-0.10, 0.01)	0.001	0.325	-0.023	0.024	0.333	-0.02 (-0.07, 0.02)	-0.008	0.027	0.760	-0.01 (-0.06, 0.04)
11825_27	PPARGC1A	Q9UBK2	211	0.021	0.013	0.103	0.02 (-4.29e-03, 0.05)	0.368	0.005	-0.046	0.025	0.072	-0.05 (-0.10, 3.88e-03	0.004	0.002	-0.008	0.020	0.665	-0.01 (-0.05, 0.03)	-0.013	0.023	0.581	-0.01 (-0.06, 0.03)
12400_25	UBE2T	Q9NPD8	211	0.020	0.012	0.102	0.02 (-3.97e-03, 0.04)	0.368	0.093	-0.056	0.028	0.047	-0.06 (-0.11, -1.03e-0	0.004	0.003	0.000	0.020	0.997	8.33e-05 (-0.04, 0.0	-0.007	0.026	0.786	-0.01 (-0.06, 0.04)
12569_25	CCT5	P48643	211	-0.020	0.012	0.103	-0.02 (-0.04, 3.93e-03	0.368	0.210	-0.028	0.025	0.262	-0.03 (-0.08, 0.02)	0.001	0.700	-0.050	0.021	0.017	-0.05 (-0.09, -0.01)	-0.039	0.023	0.098	-0.04 (-0.08, 0.01)
17752_24	ARG2	P78540	211	-0.019	0.012	0.102	-0.02 (-0.04, 3.80e-03	0.368	0.658	-0.048	0.023	0.039	-0.05 (-0.09, -2.62e-0	0.002	0.150	-0.043	0.021	0.043	-0.04 (-0.09, -1.27e-	-0.045	0.023	0.052	-0.05 (-0.09, 1.24e-04)
3858_5	ACP1	P24666	211	-0.017	0.010	0.102	-0.02 (-0.04, 3.38e-03	0.368	0.067	-0.055	0.022	0.013	-0.06 (-0.10, -0.01)	0.002	0.046	-0.049	0.017	0.005	-0.05 (-0.08, -0.01)	-0.053	0.021	0.010	-0.05 (-0.09, -0.01)
6468_37	TAC4	Q86UU9	211	0.020	0.013	0.102	0.02 (-4.07e-03, 0.04)	0.368	0.045	-0.036	0.023	0.121	-0.04 (-0.08, 0.01)	0.004	0.005	0.001	0.023	0.981	5.41e-04 (-0.04, 0.0	0.003	0.022	0.883	3.19e-03 (-0.04, 0.05)
6933_20	MRPL34	Q9BQ48	211	0.021	0.013	0.102	0.02 (-4.10e-03, 0.05)	0.368	0.048	-0.046	0.024	0.059	-0.05 (-0.09, 1.42e-03	0.004	0.002	0.000	0.020	1.000	0.00e+00 (-0.04, 0.0	0.000	0.024	0.993	-2.06e-04 (-0.05, 0.05)
7696_3	NBR1	Q14596	211	0.019	0.012	0.102	0.02 (-3.83e-03, 0.04)	0.368	0.064	-0.020	0.025	0.425	-0.02 (-0.07, 0.03)	0.002	0.070	-0.013	0.020	0.520	-0.01 (-0.05, 0.03)	-0.019	0.023	0.419	-0.02 (-0.07, 0.03)
9223_11	MANF	P55145	211	-0.021	0.013	0.102	-0.02 (-0.05, 4.18e-03	0.368	0.047	-0.051	0.025	0.045	-0.05 (-0.10, -1.47e-0	0.002	0.169	-0.052	0.021	0.014	-0.05 (-0.09, -0.01)	-0.058	0.023	0.015	-0.06 (-0.10, -0.01)
9889_42	AFAP1L1	Q8TED9	211	0.021	0.013	0.102	0.02 (-4.28e-03, 0.05)	0.368	0.005	-0.008	0.026	0.762	-0.01 (-0.06, 0.04)	0.002	0.193	-0.009	0.023	0.691	-0.01 (-0.05, 0.04)	-0.006	0.024	0.800	-0.01 (-0.05, 0.04)
9899_28	KIF1C	O43896	211	0.018	0.011	0.103	0.02 (-3.70e-03, 0.04)	0.368	0.726	-0.034	0.022	0.127	-0.03 (-0.08, 0.01)	0.003	0.007	-0.007	0.021	0.728	-0.01 (-0.05, 0.03)	-0.009	0.022	0.683	-0.01 (-0.05, 0.03)
12987_12	SRSF7	Q16629	211	0.021	0.013	0.103	0.02 (-4.32e-03, 0.05)	0.368	0.012	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.005	3.49E-04	-0.003	0.021	0.874	-3.37e-03 (-0.05, 0.0	-0.025	0.025	0.318	-0.03 (-0.07, 0.02)
13468_5	NEURL4	Q96JN8	211	0.022	0.014	0.103	0.02 (-4.50e-03, 0.05)	0.368	2.75E-04	-0.042	0.027	0.119	-0.04 (-0.09, 0.01)	0.004	0.006	0.000	0.019	0.999	3.36e-05 (-0.04, 0.0	-0.010	0.024	0.682	-0.01 (-0.06, 0.04)
6518_85	GHRL	Q9UBU3	211	-0.019	0.012	0.103	-0.02 (-0.04, 3.89e-03	0.368	0.147	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)	0.001	0.361	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)	-0.035	0.023	0.128	-0.03 (-0.08, 0.01)
10754_113	PROK2	Q9HC23	211	0.024	0.014	0.103	0.02 (-4.78e-03, 0.05)	0.369	2.54E-04	-0.064	0.028	0.023	-0.06 (-0.12, -0.01)	0.006	3.54E-04	-0.006	0.020	0.755	-0.01 (-0.05, 0.03)	-0.032	0.024	0.174	-0.03 (-0.08, 0.01)
7048_4	CEACAM19	Q7Z692	211	0.021	0.013	0.103	0.02 (-4.26e-03, 0.05)	0.369	0.024	-0.053	0.025	0.035	-0.05 (-0.10, -4.02e-0	0.005	0.001	-0.015	0.021	0.468	-0.02 (-0.06, 0.03)	-0.015	0.024	0.521	-0.02 (-0.06, 0.03)
15365_41	BAI3	O60242	211	0.019	0.012	0.104	0.02 (-3.84e-03, 0.04)	0.371	0.151	-0.017	0.024	0.466	-0.02 (-0.06, 0.03)	0.002	0.080	0.007	0.023	0.746	0.01 (-0.04, 0.05)	0.009	0.023	0.699	0.01 (-0.04, 0.05)
8380_244	DLK1	P80370	211	0.019	0.012	0.104	0.02 (-3.88e-03, 0.04)	0.371	0.092	-0.044	0.024	0.067	-0.04 (-0.09, 2.77e-03	0.004	0.002	-0.002	0.023	0.942	-1.69e-03 (-0.05, 0.0	0.000	0.022	0.985	4.03e-04 (-0.04, 0.04)
5613_75	LAT2	Q9GZY6	211	0.019	0.012	0.104	0.02 (-3.91e-03, 0.04)	0.372	0.115	-0.026	0.024	0.290	-0.03 (-0.07, 0.02)	0.003	0.034	-0.012	0.023	0.602	-0.01 (-0.06, 0.03)	-0.015	0.022	0.506	-0.01 (-0.06, 0.03)
12788_6	CCDC101	Q96ES7	211	0.019	0.012	0.104	0.02 (-3.90e-03, 0.04)	0.372	0.520	-0.007	0.023	0.749	-0.01 (-0.05, 0.04)	0.002	0.186	-0.004	0.023	0.880	-3.55e-03 (-0.05, 0.0	-0.003	0.021	0.907	-2.52e-03 (-0.04, 0.04)
13977_28	BARD1	Q99728	211	0.019	0.012	0.104	0.02 (-3.94e-03, 0.04)	0.372	0.375	-0.028	0.023	0.225	-0.03 (-0.07, 0.02)	0.003	0.019	-0.013	0.021	0.532	-0.01 (-0.05, 0.03)	-0.009	0.022	0.682	-0.01 (-0.05, 0.03)
11355_10	EIF5A2	Q9GZV4	211	-0.019	0.012	0.105	-0.02 (-0.04, 4.00e-03	0.372	0.158	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)	0.001	0.384	-0.043	0.025	0.082	-0.04 (-0.09, 0.01)	-0.045	0.026	0.083	-0.04 (-0.10, 0.01)
7765_15	ITM2A	O43736	211	0.021	0.013	0.105	0.02 (-4.41e-03, 0.05)	0.373	0.021	-0.059	0.025	0.019	-0.06 (-0.11, -0.01)	0.005	2.81E-04	0.003	0.020	0.880	3.03e-03 (-0.04, 0.0	-0.005	0.024	0.822	-0.01 (-0.05, 0.04)
8263_64	TYMSOS	Q8TAI1	211	0.021	0.013	0.105	0.02 (-4.37e-03, 0.05)	0.373	0.010	-0.055	0.025	0.029	-0.05 (-0.10, -0.01)	0.005	0.001	-0.015	0.019	0.447	-0.01 (-0.05, 0.02)	-0.025	0.023	0.264	-0.03 (-0.07, 0.02)
13512_28	HNRNPR	O43390	211	0.019	0.012	0.105	0.02 (-3.94e-03, 0.04)	0.374	0.201	-0.024	0.024	0.312	-0.02 (-0.07, 0.02)	0.003	0.038	-0.011	0.022	0.609	-0.01 (-0.05, 0.03)	-0.008	0.022	0.730	-0.01 (-0.05, 0.04)
19575_4	EPOR	P19235	211	0.019	0.011	0.105	0.02 (-3.92e-03, 0.04)	0.374	0.284	-0.040	0.023	0.088	-0.04 (-0.08, 0.01)	0.004	0.004	-0.010	0.022	0.654	-0.01 (-0.05, 0.03)	-0.010	0.022	0.651	-0.01 (-0.05, 0.03)
8304_50	TNFRSF11B	O00300	211	0.024	0.015	0.105	0.02 (-0.01, 0.05)	0.374	5.78E-06	-0.004	0.029	0.885	-4.23e-03 (-0.06, 0.05	0.002	0.268	0.010	0.026	0.687	0.01 (-0.04, 0.06)	0.012	0.029	0.683	0.01 (-0.05, 0.07)
14123_34	C10orf54	Q9H7M9	211	-0.019	0.012	0.106	-0.02 (-0.04, 4.08e-03	0.374	0.232	-0.069	0.024	0.005	-0.07 (-0.12, -0.02)	0.003	0.019	-0.046	0.025	0.062	-0.05 (-0.09, 2.21e-	-0.041	0.025	0.106	-0.04 (-0.09, 0.01)
15640_54	TAGLN	Q01995	211	-0.023	0.014	0.106	-0.02 (-0.05, 4.94e-03	0.374	6.15E-05	-0.031	0.029	0.286	-0.03 (-0.09, 0.03)	0.000	0.767	-0.022	0.026	0.393	-0.02 (-0.07, 0.03)	-0.026	0.024	0.282	-0.03 (-0.07, 0.02)
5593_11	PDIA5	Q14554	211	-0.019	0.012	0.106	-0.02 (-0.04, 4.09e-03	0.374	0.185	-0.021	0.025	0.388	-0.02 (-0.07, 0.03)	0.000	0.923	-0.042	0.024	0.078	-0.04 (-0.09, 4.70e-	-0.052	0.026	0.045	-0.05 (-0.10, -1.35e-03)
7223_60	S100A13	Q99584	211	0.243	0.150	0.106	0.24 (-0.05, 0.54)	0.374	0.00E+00	0.389	0.300	0.195	0.39 (-0.20, 0.98)	-0.009	0.573	-0.016	0.022	0.467	-0.02 (-0.06, 0.03)	-0.026	0.027	0.349	-0.03 (-0.08, 0.03)
8664_36	PKDCC	Q504Y2	211	0.021	0.013	0.106	0.02 (-4.56e-03, 0.05)	0.374	0.011	-0.050	0.026	0.054	-0.05 (-0.10, 6.49e-04	0.004	0.002	0.011	0.020	0.590	0.01 (-0.03, 0.05)	-0.001	0.024	0.971	-8.99e-04 (-0.05, 0.05)
6411_58	DEFB135	Q30KP9	211	0.022	0.014	0.106	0.02 (-4.67e-03, 0.05)	0.375	0.003	-0.064	0.026	0.016	-0.06 (-0.11, -0.01)	0.005	2.03E-04	0.000	0.021	1.000	0.00e+00 (-0.04, 0.0	-0.006	0.023	0.809	-0.01 (-0.05, 0.04)
6587_6	LRFN5	Q96NI6	211	0.022	0.013	0.106	0.02 (-4.64e-03, 0.05)	0.375	0.003	-0.054	0.026	0.038	-0.05 (-0.11, -3.22e-0	0.005	0.001	-0.008	0.023	0.712	-0.01 (-0.05, 0.04)	-0.003	0.025	0.905	-2.97e-03 (-0.05, 0.05)
19237_17	DDT	P30046	211	0.019	0.012	0.106	0.02 (-4.12e-03, 0.04)	0.375	0.115	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)	0.005	1.62E-04	-0.013	0.020	0.508	-0.01 (-0.05, 0.03)	-0.017	0.022	0.463	-0.02 (-0.06, 0.03)
3872_2	TPT1	P13693	211	-0.021	0.013	0.107	-0.02 (-0.05, 4.50e-03	0.375	0.045	-0.039	0.026	0.134	-0.04 (-0.09, 0.01)	0.001	0.425	-0.053	0.022	0.014	-0.05 (-0.10, -0.01)	-0.052	0.025	0.036	-0.05 (-0.10, -3.65e-03)
4498_62	NCAM1	P13591	211	-0.026	0.016	0.107	-0.03 (-0.06, 0.01)	0.375	3.93E-08	0.060	0.031	0.054	0.06 (-6.21e-04, 0.12)	-0.005	0.002	-0.022	0.020	0.282	-0.02 (-0.06, 0.02)	0.007	0.026	0.774	0.01 (-0.04, 0.06)
4984_83	ESD	P10768	211	0.021	0.013	0.107	0.02 (-4.45e-03, 0.05)	0.375	0.036	-0.028	0.025	0.273	-0.03 (-0.08, 0.02)	0.003	0.028	-0.001	0.021	0.950	-1.30e-03 (-0.04, 0.0	0.012	0.024	0.636	0.01 (-0.04, 0.06)
6079_59	ACPL2	Q8TE99	211	0.022	0.014	0.107	0.02 (-4.79e-03, 0.05)	0.376	2.11E-04	-0.038	0.027	0.161	-0.04 (-0.09, 0.01)	0.004	0.011	-0.023	0.020	0.254	-0.02 (-0.06, 0.02)	-0.015	0.023	0.513	-0.02 (-0.06, 0.03)
6990_44	SDF2L1	Q9HCN8	211	0.022	0.013	0.107	0.02 (-4.67e-03, 0.05)	0.376	0.004	-0.048	0.026	0.068	-0.05 (-0.10, 3.34e-03	0.004	0.002	-0.005	0.019	0.807	-4.59e-03 (-0.04, 0.0	-0.034	0.025	0.177	-0.03 (-0.08, 0.02)
12599_10	FERMT3	Q86UX7	211	-0.019	0.012	0.107	-0.02 (-0.04, 4.16e-03	0.376	0.264	-0.025	0.024	0.312	-0.02 (-0.07, 0.02)	0.000	0.793	-0.036	0.024	0.141	-0.04 (-0.08, 0.01)	-0.039	0.026	0.131	-0.04 (-0.09, 0.01)
9867_23	FBP2	O00757	211	0.019	0.012	0.107	0.02 (-4.15e-03, 0.04)	0.376	0.066	-0.050	0.025	0.044	-0.05 (-0.10, -1.61e-0	0.004	0.001	-0.006	0.024	0.807	-0.01 (-0.05, 0.04)	-0.007	0.025	0.785	-0.01 (-0.06, 0.04)
19567_1	EGFR	P00533	211	0.021	0.013	0.108	0.02 (-4.50e-03, 0.05)	0.378	0.015	-0.023	0.025	0.365	-0.02 (-0.07, 0.03)	0.003	0.047	-0.016	0.022	0.467	-0.02 (-0.06, 0.03)	-0.011	0.022	0.625	-0.01 (-0.05, 0.03)
17427_26	NLGN3	Q9NZ94	211	0.018	0.012	0.108	0.02 (-4.05e-03, 0.04)	0.378	0.127	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)	0.004	0.004	-0.006	0.020	0.753	-0.01 (-0.05, 0.03)	-0.025	0.024	0.293	-0.03 (-0.07, 0.02)
12434_25	IST1	P53990	211	-0.019	0.012	0.108	-0.02 (-0.04, 4.24e-03	0.379	0.248	-0.042	0.025	0.089	-0.04 (-0.09, 0.01)	0.001	0.285	-0.053	0.021	0.013	-0.05 (-0.09, -0.01)	-0.054	0.026	0.038	-0.05 (-0.10, -3.40e-03)
2599_51	TNFSF9	P41273	211	0.018	0.012	0.108	0.02 (-4.08e-03, 0.04)	0.379	0.663	-0.002	0.023	0.945	-1.57e-03 (-0.05, 0.04	0.001	0.312	0.008	0.020	0.688	0.01 (-0.03, 0.05)	0.011	0.024	0.653	0.01 (-0.04, 0.06)
15667_39	BMP4	P12644	211	0.022	0.014	0.109	0.02 (-4.93e-03, 0.05)	0.379	0.004	0.053	0.027	0.055	0.05 (-7.67e-04, 0.11)	-0.002	0.196	0.014	0.025	0.575	0.01 (-0.04, 0.06)	0.028	0.026	0.271	0.03 (-0.02, 0.08)
16296_43	LGR5	O75473	211	0.019	0.012	0.109	0.02 (-4.20e-03, 0.04)	0.379	0.778	-0.042	0.023	0.072	-0.04 (-0.09, 3.60e-03	0.004	0.003	-0.012	0.024	0.604	-0.01 (-0.06, 0.03)	-0.008	0.023	0.736	-0.01 (-0.05, 0.04)
4423_77	BCL2L1	Q07817	211	-0.019	0.012	0.109	-0.02 (-0.04, 4.25e-03	0.379	0.173	-0.072	0.024	0.004	-0.07 (-0.12, -0.02)	0.003	0.013	-0.037	0.024	0.120	-0.04 (-0.08, 0.01)	-0.031	0.026	0.238	-0.03 (-0.08, 0.02)
2644_11	PRKCA	P17252	211	-0.019	0.012	0.109	-0.02 (-0.04, 4.31e-03	0.380	0.080	-0.030	0.026	0.238	-0.03 (-0.08, 0.02)	0.001	0.620	-0.053	0.022	0.015	-0.05 (-0.09, -0.01)	-0.046	0.026	0.077	-0.05 (-0.10, 4.71e-03)
7924_7	CD3G	P09693	211	0.019	0.012	0.109	0.02 (-4.15e-03, 0.04)	0.381	0.823	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)	0.003	0.043	-0.007	0.020	0.736	-0.01 (-0.05, 0.03)	-0.004	0.024	0.865	-4.15e-03 (-0.05, 0.04)
11293_14	LRRN1	Q6UXK5	211	-0.204	0.128	0.110	-0.20 (-0.45, 0.05)	0.381	0.00E+00	-0.311	0.254	0.223	-0.31 (-0.81, 0.19)	0.007	0.626	0.015	0.021	0.493	0.01 (-0.03, 0.06)	0.004	0.026	0.887	3.63e-03 (-0.05, 0.05)
11493_169	DYNLL2	Q96FJ2	211	-0.019	0.012	0.110	-0.02 (-0.04, 4.33e-03	0.381	0.081	-0.045	0.025	0.077	-0.04 (-0.09, 4.66e-03	0.002	0.238	-0.049	0.022	0.024	-0.05 (-0.09, -0.01)	-0.056	0.026	0.030	-0.06 (-0.11, -0.01)
11952_1	IGDCC3	Q8IVU1	211	0.019	0.012	0.110	0.02 (-4.23e-03, 0.04)	0.381	0.315	-0.038	0.023	0.104	-0.04 (-0.08, 0.01)	0.004	0.005	-0.014	0.021	0.504	-0.01 (-0.06, 0.03)	-0.013	0.022	0.563	-0.01 (-0.06, 0.03)
13728_19	ERP29	P30040	211	-0.020	0.013	0.110	-0.02 (-0.05, 4.63e-03	0.381	0.043	-0.047	0.025	0.062	-0.05 (-0.10, 2.15e-03	0.002	0.217	-0.044	0.019	0.021	-0.04 (-0.08, -0.01)	-0.053	0.025	0.036	-0.05 (-0.10, -3.93e-03)
14175_78	SCP2D1	Q9UJQ7	211	0.019	0.012	0.110	0.02 (-4.26e-03, 0.04)	0.381	0.195	-0.012	0.024	0.621	-0.01 (-0.06, 0.04)	0.002	0.143	-0.011	0.023	0.638	-0.01 (-0.06, 0.03)	-0.013	0.025	0.612	-0.01 (-0.06, 0.04)
15310_61	PRC1	O43663	211	0.019	0.012	0.110	0.02 (-4.26e-03, 0.04)	0.381	0.303	-0.040	0.023	0.091	-0.04 (-0.09, 0.01)	0.004	0.004	-0.005	0.020	0.819	-4.60e-03 (-0.04, 0.0	-0.002	0.024	0.932	-2.07e-03 (-0.05, 0.05)
15391_114	GAS6	Q14393	211	0.025	0.015	0.110	0.02 (-0.01, 0.05)	0.381	2.43E-07	0.027	0.031	0.380	0.03 (-0.03, 0.09)	0.000	0.931	-0.024	0.023	0.305	-0.02 (-0.07, 0.02)	-0.023	0.029	0.427	-0.02 (-0.08, 0.03)
5526_53	TNFRSF18	Q9Y5U5	211	0.019	0.012	0.110	0.02 (-4.19e-03, 0.04)	0.381	0.276	-0.022	0.023	0.352	-0.02 (-0.07, 0.02)	0.003	0.048	-0.014	0.021	0.515	-0.01 (-0.05, 0.03)	-0.011	0.022	0.630	-0.01 (-0.05, 0.03)
6951_26	ASIC4	Q96FT7	211	0.019	0.012	0.110	0.02 (-4.21e-03, 0.04)	0.381	0.227	-0.048	0.023	0.040	-0.05 (-0.09, -2.44e-0	0.004	0.001	-0.008	0.022	0.712	-0.01 (-0.05, 0.04)	-0.008	0.024	0.755	-0.01 (-0.06, 0.04)
7732_45	VAMP4	O75379	211	0.019	0.012	0.110	0.02 (-4.23e-03, 0.04)	0.381	0.295	-0.010	0.024	0.673	-0.01 (-0.06, 0.04)	0.002	0.162	-0.012	0.022	0.597	-0.01 (-0.06, 0.03)	-0.003	0.024	0.915	-2.57e-03 (-0.05, 0.04)
8079_39	EID3	Q8N140	211	0.019	0.012	0.110	0.02 (-4.19e-03, 0.04)	0.381	0.076	-0.017	0.024	0.498	-0.02 (-0.06, 0.03)	0.002	0.097	0.002	0.021	0.910	2.32e-03 (-0.04, 0.0	-0.003	0.024	0.914	-2.56e-03 (-0.05, 0.04)
9547_29	EMID1	Q96A84	211	0.020	0.013	0.110	0.02 (-4.60e-03, 0.05)	0.381	0.025	-0.034	0.025	0.172	-0.03 (-0.08, 0.01)	0.003	0.012	-0.004	0.024	0.851	-4.45e-03 (-0.05, 0.0	0.000	0.022	0.993	1.95e-04 (-0.04, 0.04)
9853_3	IFIT2	P09913	211	0.024	0.015	0.110	0.02 (-0.01, 0.05)	0.381	2.08E-07	-0.020	0.029	0.495	-0.02 (-0.08, 0.04)	0.003	0.085	-0.012	0.019	0.520	-0.01 (-0.05, 0.03)	-0.018	0.023	0.442	-0.02 (-0.06, 0.03)
18178_13	SARS	P49591	211	0.022	0.014	0.111	0.02 (-0.01, 0.05)	0.382	7.62E-05	-0.007	0.028	0.797	-0.01 (-0.06, 0.05)	0.002	0.220	-0.011	0.022	0.618	-0.01 (-0.05, 0.03)	0.000	0.023	0.989	3.25e-04 (-0.05, 0.05)
13567_1	DPYSL2	Q16555	211	-0.020	0.012	0.111	-0.02 (-0.04, 4.56e-03	0.382	0.046	-0.067	0.024	0.007	-0.07 (-0.12, -0.02)	0.003	0.026	-0.043	0.023	0.055	-0.04 (-0.09, 9.64e-	-0.035	0.028	0.205	-0.04 (-0.09, 0.02)
13666_222	CA10	Q9NS85	211	0.024	0.015	0.111	0.02 (-0.01, 0.05)	0.382	1.35E-05	0.063	0.029	0.033	0.06 (0.01, 0.12)	-0.002	0.121	0.046	0.023	0.048	0.05 (3.79e-04, 0.09	0.048	0.025	0.062	0.05 (-2.22e-03, 0.10)
19139_3	HSF2BP	O75031	211	0.018	0.012	0.111	0.02 (-4.23e-03, 0.04)	0.382	0.698	-0.029	0.023	0.212	-0.03 (-0.07, 0.02)	0.003	0.018	-0.011	0.019	0.569	-0.01 (-0.05, 0.03)	-0.031	0.024	0.195	-0.03 (-0.08, 0.02)
13652_2	TOM1L1	O75674	211	0.026	0.016	0.111	0.03 (-0.01, 0.06)	0.383	1.94E-12	-0.016	0.032	0.621	-0.02 (-0.08, 0.05)	0.003	0.135	-0.001	0.022	0.955	-1.26e-03 (-0.04, 0.0	0.004	0.023	0.857	4.24e-03 (-0.04, 0.05)
13621_31	AP2A2	O94973	211	-0.019	0.012	0.112	-0.02 (-0.04, 4.30e-03	0.383	0.079	-0.047	0.025	0.057	-0.05 (-0.10, 1.21e-03	0.002	0.181	-0.051	0.019	0.008	-0.05 (-0.09, -0.01)	-0.061	0.024	0.014	-0.06 (-0.11, -0.01)
15321_8	CPLX2	Q6PUV4	211	-0.022	0.014	0.112	-0.02 (-0.05, 0.01)	0.383	6.25E-05	0.007	0.028	0.808	0.01 (-0.05, 0.06)	-0.002	0.224	0.003	0.024	0.889	3.31e-03 (-0.04, 0.0	-0.004	0.024	0.878	-3.76e-03 (-0.05, 0.04)
17344_23	STOML1	Q9UBI4	211	0.019	0.012	0.112	0.02 (-4.42e-03, 0.04)	0.383	0.686	-0.002	0.024	0.949	-1.52e-03 (-0.05, 0.05	0.001	0.319	0.014	0.025	0.580	0.01 (-0.04, 0.06)	0.003	0.024	0.911	2.74e-03 (-0.05, 0.05)
18947_3	LRRC3B	Q96PB8	211	0.018	0.012	0.112	0.02 (-4.28e-03, 0.04)	0.383	0.056	-0.029	0.025	0.234	-0.03 (-0.08, 0.02)	0.003	0.025	-0.013	0.023	0.579	-0.01 (-0.06, 0.03)	-0.011	0.024	0.647	-0.01 (-0.06, 0.04)
9016_12	NR1H2	P55055	211	0.022	0.014	0.112	0.02 (-0.01, 0.05)	0.384	0.001	-0.039	0.027	0.150	-0.04 (-0.09, 0.01)	0.004	0.009	-0.003	0.023	0.910	-2.56e-03 (-0.05, 0.0	-0.006	0.020	0.766	-0.01 (-0.04, 0.03)
17510_7	SRP14	P37108	211	0.018	0.012	0.112	0.02 (-4.30e-03, 0.04)	0.384	0.134	-0.043	0.024	0.075	-0.04 (-0.09, 4.04e-03	0.004	0.003	-0.005	0.023	0.833	-4.85e-03 (-0.05, 0.0	-0.001	0.024	0.956	-1.30e-03 (-0.05, 0.05)
7939_1	PQLC2L	A1A4F0	211	0.018	0.012	0.112	0.02 (-4.28e-03, 0.04)	0.384	0.912	-0.012	0.023	0.605	-0.01 (-0.06, 0.03)	0.002	0.128	0.000	0.019	0.988	2.87e-04 (-0.04, 0.0	-0.007	0.022	0.763	-0.01 (-0.05, 0.04)
12842_43	STX10	O60499	211	0.018	0.012	0.112	0.02 (-4.34e-03, 0.04)	0.385	0.115	-0.026	0.024	0.291	-0.03 (-0.07, 0.02)	0.003	0.036	-0.007	0.020	0.738	-0.01 (-0.04, 0.03)	-0.009	0.023	0.706	-0.01 (-0.05, 0.04)
10974_20	SPINK7	P58062	211	-0.022	0.014	0.113	-0.02 (-0.05, 0.01)	0.385	0.002	-0.053	0.028	0.055	-0.05 (-0.11, 8.29e-04	0.002	0.193	-0.033	0.026	0.198	-0.03 (-0.08, 0.02)	-0.038	0.024	0.116	-0.04 (-0.09, 0.01)
15374_15	GKN1	Q9NS71	211	0.020	0.013	0.113	0.02 (-4.75e-03, 0.05)	0.385	0.040	-0.023	0.025	0.367	-0.02 (-0.07, 0.03)	0.003	0.049	0.018	0.023	0.439	0.02 (-0.03, 0.06)	0.026	0.023	0.250	0.03 (-0.02, 0.07)
9475_22	GPX5	O75715	211	0.018	0.012	0.113	0.02 (-4.35e-03, 0.04)	0.385	0.140	-0.008	0.024	0.733	-0.01 (-0.06, 0.04)	0.002	0.202	-0.009	0.022	0.662	-0.01 (-0.05, 0.03)	-0.007	0.021	0.755	-0.01 (-0.05, 0.03)
7249_307	BCL2L10	Q9HD36	211	0.019	0.012	0.113	0.02 (-4.43e-03, 0.04)	0.385	0.079	-0.034	0.025	0.175	-0.03 (-0.08, 0.01)	0.003	0.015	0.003	0.025	0.889	3.47e-03 (-0.05, 0.0	0.011	0.022	0.631	0.01 (-0.03, 0.05)
14206_28	APBB1	O00213	211	0.019	0.012	0.113	0.02 (-4.46e-03, 0.04)	0.386	0.094	-0.041	0.025	0.100	-0.04 (-0.09, 0.01)	0.004	0.006	-0.009	0.024	0.703	-0.01 (-0.06, 0.04)	-0.008	0.023	0.725	-0.01 (-0.05, 0.04)
5410_53	CDH15	P55291	211	0.021	0.013	0.113	0.02 (-4.96e-03, 0.05)	0.386	0.006	-0.044	0.026	0.089	-0.04 (-0.09, 0.01)	0.004	0.004	-0.010	0.020	0.594	-0.01 (-0.05, 0.03)	-0.016	0.024	0.508	-0.02 (-0.06, 0.03)
8950_4	CLCA2	Q9UQC9	211	0.026	0.017	0.113	0.03 (-0.01, 0.06)	0.386	4.02E-15	-0.005	0.033	0.867	-0.01 (-0.07, 0.06)	0.002	0.263	-0.008	0.022	0.723	-0.01 (-0.05, 0.04)	-0.004	0.022	0.868	-3.73e-03 (-0.05, 0.04)
18383_9	FKBP3	Q00688	211	-0.021	0.013	0.113	-0.02 (-0.05, 4.95e-03	0.386	0.027	-0.049	0.026	0.059	-0.05 (-0.10, 1.51e-03	0.002	0.203	-0.061	0.022	0.005	-0.06 (-0.10, -0.02)	-0.074	0.025	0.004	-0.07 (-0.12, -0.02)
9956_7	ADAM15	Q13444	211	0.018	0.012	0.114	0.02 (-4.42e-03, 0.04)	0.386	0.078	-0.028	0.025	0.263	-0.03 (-0.08, 0.02)	0.003	0.031	-0.023	0.021	0.280	-0.02 (-0.06, 0.02)	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)
17794_6	PMM2	O15305	211	-0.019	0.012	0.114	-0.02 (-0.04, 4.56e-03	0.387	0.051	-0.031	0.026	0.235	-0.03 (-0.08, 0.02)	0.001	0.600	-0.037	0.024	0.111	-0.04 (-0.08, 0.01)	-0.032	0.024	0.189	-0.03 (-0.08, 0.02)
3034_1	GFAP	P14136	211	0.018	0.012	0.114	0.02 (-4.42e-03, 0.04)	0.387	0.152	-0.029	0.024	0.233	-0.03 (-0.08, 0.02)	0.003	0.024	-0.013	0.020	0.522	-0.01 (-0.05, 0.03)	-0.024	0.026	0.353	-0.02 (-0.07, 0.03)
17671_58	ING4	Q9UNL4	211	0.024	0.015	0.114	0.02 (-0.01, 0.05)	0.388	3.42E-05	-0.020	0.030	0.493	-0.02 (-0.08, 0.04)	0.003	0.086	-0.020	0.022	0.361	-0.02 (-0.06, 0.02)	-0.030	0.024	0.215	-0.03 (-0.08, 0.02)
12827_37	RGS3	P49796	211	0.021	0.013	0.114	0.02 (-0.01, 0.05)	0.388	0.004	-0.041	0.026	0.113	-0.04 (-0.09, 0.01)	0.004	0.006	0.008	0.022	0.704	0.01 (-0.03, 0.05)	0.008	0.023	0.731	0.01 (-0.04, 0.05)
7009_8	CD72	P21854	211	0.019	0.012	0.115	0.02 (-4.50e-03, 0.04)	0.388	0.249	-0.037	0.024	0.119	-0.04 (-0.08, 0.01)	0.004	0.007	-0.023	0.021	0.272	-0.02 (-0.06, 0.02)	-0.023	0.025	0.355	-0.02 (-0.07, 0.03)
10012_5	SPDEF	O95238	211	0.020	0.013	0.115	0.02 (-4.93e-03, 0.05)	0.389	0.025	-0.059	0.025	0.017	-0.06 (-0.11, -0.01)	0.005	2.41E-04	0.000	0.019	1.000	0.00e+00 (-0.04, 0.0	0.000	0.024	0.999	3.68e-05 (-0.05, 0.05)
13534_20	MYOM2	P54296	211	0.022	0.014	0.115	0.02 (-0.01, 0.05)	0.389	1.61E-04	-0.022	0.028	0.431	-0.02 (-0.08, 0.03)	0.003	0.067	-0.007	0.026	0.775	-0.01 (-0.06, 0.04)	-0.021	0.027	0.436	-0.02 (-0.07, 0.03)
14120_2	RNF43	Q68DV7	211	0.020	0.013	0.115	0.02 (-0.01, 0.05)	0.389	0.022	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.005	3.98E-04	0.008	0.019	0.661	0.01 (-0.03, 0.05)	-0.006	0.023	0.801	-0.01 (-0.05, 0.04)
15384_15	KL	Q9UEF7	211	0.023	0.014	0.115	0.02 (-0.01, 0.05)	0.389	4.32E-04	0.060	0.028	0.033	0.06 (0.01, 0.11)	-0.002	0.120	0.008	0.024	0.753	0.01 (-0.04, 0.06)	0.017	0.024	0.477	0.02 (-0.03, 0.06)
19108_50	MECP2	P51608	211	0.020	0.013	0.115	0.02 (-4.86e-03, 0.04)	0.389	0.036	-0.039	0.025	0.115	-0.04 (-0.09, 0.01)	0.004	0.006	0.006	0.020	0.761	0.01 (-0.03, 0.05)	0.000	0.025	0.986	4.36e-04 (-0.05, 0.05)
19193_18	VBP1	P61758	211	0.021	0.013	0.115	0.02 (-0.01, 0.05)	0.389	0.009	0.007	0.027	0.794	0.01 (-0.05, 0.06)	0.001	0.544	-0.003	0.025	0.907	-2.90e-03 (-0.05, 0.0	-0.004	0.026	0.883	-3.76e-03 (-0.05, 0.05)
7782_34	EDDM3B	P56851	211	0.018	0.012	0.115	0.02 (-4.44e-03, 0.04)	0.389	0.407	-0.019	0.023	0.425	-0.02 (-0.06, 0.03)	0.002	0.069	0.015	0.023	0.501	0.02 (-0.03, 0.06)	0.019	0.024	0.414	0.02 (-0.03, 0.07)
8869_5	BTN2A1	Q7KYR7	211	0.018	0.012	0.115	0.02 (-4.47e-03, 0.04)	0.389	0.175	-0.042	0.024	0.078	-0.04 (-0.09, 4.41e-03	0.004	0.004	-0.003	0.021	0.902	-2.55e-03 (-0.04, 0.0	-0.013	0.023	0.570	-0.01 (-0.06, 0.03)
12867_40	DYNLT3	P51808	211	0.020	0.013	0.115	0.02 (-4.86e-03, 0.04)	0.389	0.025	-0.022	0.025	0.368	-0.02 (-0.07, 0.03)	0.003	0.050	0.000	0.023	0.986	-4.12e-04 (-0.05, 0.0	0.002	0.022	0.931	1.90e-03 (-0.04, 0.04)
13623_4	MLL2	O14686	211	0.018	0.012	0.116	0.02 (-4.54e-03, 0.04)	0.389	0.062	-0.059	0.024	0.015	-0.06 (-0.11, -0.01)	0.005	2.65E-04	0.005	0.021	0.830	4.54e-03 (-0.04, 0.0	-0.003	0.025	0.904	-3.06e-03 (-0.05, 0.05)
12684_5	SCIN	Q9Y6U3	211	0.019	0.012	0.116	0.02 (-4.62e-03, 0.04)	0.389	0.385	-0.036	0.024	0.129	-0.04 (-0.08, 0.01)	0.003	0.008	-0.013	0.023	0.561	-0.01 (-0.06, 0.03)	-0.019	0.024	0.433	-0.02 (-0.06, 0.03)
4891_50	GCG	P01275	211	0.020	0.013	0.116	0.02 (-4.98e-03, 0.05)	0.389	0.045	0.041	0.026	0.106	0.04 (-0.01, 0.09)	-0.001	0.339	0.046	0.024	0.052	0.05 (-4.28e-04, 0.0	0.038	0.026	0.144	0.04 (-0.01, 0.09)
12787_47	ZNF134	P52741	211	0.021	0.014	0.116	0.02 (-0.01, 0.05)	0.390	4.86E-04	-0.016	0.027	0.547	-0.02 (-0.07, 0.04)	0.002	0.108	-0.011	0.019	0.549	-0.01 (-0.05, 0.03)	-0.036	0.025	0.147	-0.04 (-0.09, 0.01)
6264_9	CYR61	O00622	211	0.020	0.013	0.116	0.02 (-4.93e-03, 0.04)	0.390	0.026	-0.017	0.025	0.497	-0.02 (-0.07, 0.03)	0.002	0.088	-0.004	0.021	0.857	-3.84e-03 (-0.05, 0.0	0.000	0.022	0.999	-3.81e-05 (-0.04, 0.04)
9123_18	DOS	Q8N350	211	0.018	0.012	0.116	0.02 (-4.55e-03, 0.04)	0.390	0.186	-0.030	0.024	0.213	-0.03 (-0.08, 0.02)	0.003	0.021	-0.006	0.022	0.776	-0.01 (-0.05, 0.04)	-0.003	0.025	0.890	-3.50e-03 (-0.05, 0.05)
14036_116	MPDZ	O75970	211	0.018	0.012	0.117	0.02 (-4.56e-03, 0.04)	0.391	0.646	-0.016	0.023	0.503	-0.02 (-0.06, 0.03)	0.002	0.094	0.009	0.024	0.709	0.01 (-0.04, 0.06)	0.008	0.023	0.736	0.01 (-0.04, 0.05)
18183_3	LDLRAP1	Q5SW96	211	-0.019	0.012	0.117	-0.02 (-0.04, 4.75e-03	0.391	0.087	-0.031	0.026	0.227	-0.03 (-0.08, 0.02)	0.001	0.586	-0.057	0.022	0.011	-0.06 (-0.10, -0.01)	-0.059	0.026	0.026	-0.06 (-0.11, -0.01)
5460_60	DDX19B	Q9UMR2	211	-0.019	0.012	0.117	-0.02 (-0.04, 4.62e-03	0.391	0.106	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)	0.001	0.390	-0.048	0.023	0.035	-0.05 (-0.09, -3.49e-	-0.045	0.026	0.084	-0.04 (-0.10, 0.01)
7886_26	SPTLC1	O15269	211	0.019	0.012	0.117	0.02 (-4.64e-03, 0.04)	0.391	0.502	-0.033	0.024	0.160	-0.03 (-0.08, 0.01)	0.003	0.012	-0.016	0.019	0.386	-0.02 (-0.05, 0.02)	-0.026	0.022	0.242	-0.03 (-0.07, 0.02)
13622_16	PPP2R5A	Q15172	211	-0.019	0.012	0.117	-0.02 (-0.04, 4.66e-03	0.391	0.109	-0.037	0.025	0.141	-0.04 (-0.09, 0.01)	0.001	0.397	-0.049	0.022	0.031	-0.05 (-0.09, -4.46e-	-0.045	0.025	0.073	-0.04 (-0.09, 3.90e-03)
2870_29	RAC1	P63000	211	-0.019	0.012	0.117	-0.02 (-0.04, 4.70e-03	0.391	0.112	-0.036	0.025	0.156	-0.04 (-0.09, 0.01)	0.001	0.434	-0.052	0.022	0.019	-0.05 (-0.10, -0.01)	-0.047	0.026	0.070	-0.05 (-0.10, 3.60e-03)
5106_52	NOTCH2	Q04721	211	0.018	0.012	0.117	0.02 (-4.58e-03, 0.04)	0.391	0.052	-0.001	0.025	0.962	-1.19e-03 (-0.05, 0.05	0.001	0.366	-0.007	0.023	0.760	-0.01 (-0.05, 0.04)	-0.003	0.023	0.908	-2.68e-03 (-0.05, 0.04)
7147_35	WFDC8	Q8IUA0	211	0.022	0.014	0.117	0.02 (-0.01, 0.05)	0.391	4.96E-04	-0.036	0.027	0.187	-0.04 (-0.09, 0.02)	0.004	0.015	0.005	0.020	0.807	4.84e-03 (-0.03, 0.0	-0.013	0.026	0.623	-0.01 (-0.06, 0.04)
17697_2	OVCA2	Q8WZ82	211	-0.020	0.013	0.117	-0.02 (-0.05, 0.01)	0.392	0.032	-0.042	0.026	0.107	-0.04 (-0.09, 0.01)	0.001	0.339	-0.051	0.022	0.019	-0.05 (-0.09, -0.01)	-0.056	0.025	0.022	-0.06 (-0.10, -0.01)
18930_28	SLIT2	O94813	211	0.025	0.016	0.118	0.03 (-0.01, 0.06)	0.392	2.17E-11	0.064	0.032	0.048	0.06 (9.52e-04, 0.13)	-0.002	0.167	0.035	0.026	0.177	0.03 (-0.02, 0.08)	0.025	0.026	0.341	0.02 (-0.03, 0.08)
3592_4	CAMK1	Q14012	211	0.020	0.013	0.118	0.02 (-4.96e-03, 0.04)	0.392	0.005	-0.019	0.025	0.435	-0.02 (-0.07, 0.03)	0.002	0.071	0.006	0.022	0.793	0.01 (-0.04, 0.05)	0.000	0.021	0.988	-3.07e-04 (-0.04, 0.04)
4127_75	C6	P13671	211	0.021	0.013	0.118	0.02 (-0.01, 0.05)	0.392	0.026	-0.028	0.026	0.286	-0.03 (-0.08, 0.02)	0.003	0.032	0.023	0.025	0.360	0.02 (-0.03, 0.07)	0.026	0.024	0.288	0.03 (-0.02, 0.07)
9511_61	NXPH2	O95156	211	0.025	0.016	0.118	0.03 (-0.01, 0.06)	0.392	8.17E-12	0.052	0.032	0.104	0.05 (-0.01, 0.11)	-0.002	0.330	0.035	0.025	0.173	0.03 (-0.02, 0.08)	0.038	0.023	0.098	0.04 (-0.01, 0.08)
12859_33	ECI2	O75521	211	-0.018	0.012	0.118	-0.02 (-0.04, 4.66e-03	0.392	0.217	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)	0.002	0.104	-0.031	0.024	0.184	-0.03 (-0.08, 0.01)	-0.025	0.025	0.322	-0.02 (-0.07, 0.02)
3421_54	TNFSF8	P32971	211	0.019	0.012	0.118	0.02 (-4.78e-03, 0.04)	0.392	0.432	-0.026	0.024	0.270	-0.03 (-0.07, 0.02)	0.003	0.030	0.006	0.019	0.763	0.01 (-0.03, 0.04)	-0.017	0.024	0.472	-0.02 (-0.06, 0.03)
4151_6	PLG	P00747	211	0.024	0.015	0.118	0.02 (-0.01, 0.05)	0.392	3.92E-07	-0.013	0.030	0.675	-0.01 (-0.07, 0.05)	0.002	0.164	0.040	0.024	0.097	0.04 (-0.01, 0.09)	0.035	0.026	0.186	0.03 (-0.02, 0.09)
12516_13	TEAD4	Q15561	211	0.018	0.012	0.118	0.02 (-4.67e-03, 0.04)	0.392	0.107	-0.027	0.024	0.269	-0.03 (-0.07, 0.02)	0.003	0.032	-0.002	0.020	0.928	-1.85e-03 (-0.04, 0.0	-0.007	0.024	0.771	-0.01 (-0.05, 0.04)
9267_2	CPA4	Q9UI42	211	-0.022	0.014	0.118	-0.02 (-0.05, 0.01)	0.392	2.35E-22	-0.006	0.028	0.835	-0.01 (-0.06, 0.05)	-0.001	0.499	-0.032	0.019	0.087	-0.03 (-0.07, 4.67e-	-0.013	0.020	0.512	-0.01 (-0.05, 0.03)
9176_3	MUC1	P15941	211	0.019	0.012	0.119	0.02 (-4.74e-03, 0.04)	0.393	0.064	-0.022	0.025	0.378	-0.02 (-0.07, 0.03)	0.003	0.064	0.001	0.024	0.955	1.38e-03 (-0.05, 0.0	-0.002	0.024	0.931	-2.05e-03 (-0.05, 0.04)
6550_4	ICAM4	Q14773	211	-0.022	0.014	0.119	-0.02 (-0.05, 0.01)	0.393	0.001	0.016	0.028	0.573	0.02 (-0.04, 0.07)	-0.002	0.118	-0.010	0.025	0.704	-0.01 (-0.06, 0.04)	-0.010	0.023	0.653	-0.01 (-0.06, 0.03)
6593_5	GALNT3	Q14435	211	0.018	0.012	0.119	0.02 (-4.68e-03, 0.04)	0.393	0.324	-0.031	0.023	0.190	-0.03 (-0.08, 0.02)	0.003	0.016	0.009	0.020	0.640	0.01 (-0.03, 0.05)	-0.002	0.023	0.913	-2.47e-03 (-0.05, 0.04)
13517_3	PTCHD3	Q3KNS1	211	0.018	0.012	0.119	0.02 (-4.67e-03, 0.04)	0.394	0.576	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	0.005	2.13E-04	0.000	0.018	1.000	0.00e+00 (-0.04, 0.0	-0.024	0.024	0.318	-0.02 (-0.07, 0.02)
18917_53	AMY2A	P04746	211	-0.024	0.015	0.119	-0.02 (-0.05, 0.01)	0.394	5.97E-09	0.042	0.030	0.157	0.04 (-0.02, 0.10)	-0.004	0.011	-0.016	0.020	0.436	-0.02 (-0.06, 0.02)	0.035	0.027	0.199	0.03 (-0.02, 0.09)
9638_2	TIGIT	Q495A1	211	0.018	0.012	0.119	0.02 (-4.63e-03, 0.04)	0.394	0.463	-0.006	0.023	0.805	-0.01 (-0.05, 0.04)	0.001	0.235	-0.008	0.021	0.683	-0.01 (-0.05, 0.03)	-0.007	0.023	0.775	-0.01 (-0.05, 0.04)
6986_17	HS3ST3B1	Q9Y662	211	0.018	0.012	0.120	0.02 (-4.69e-03, 0.04)	0.395	0.075	-0.024	0.024	0.326	-0.02 (-0.07, 0.02)	0.003	0.044	-0.001	0.024	0.971	-8.70e-04 (-0.05, 0.0	-0.001	0.023	0.950	-1.43e-03 (-0.05, 0.04)
7208_60	MGAT4C	Q9UBM8	211	0.019	0.012	0.120	0.02 (-0.01, 0.04)	0.397	0.050	-0.020	0.024	0.412	-0.02 (-0.07, 0.03)	0.002	0.062	0.006	0.024	0.793	0.01 (-0.04, 0.05)	-0.002	0.023	0.943	-1.65e-03 (-0.05, 0.04)
5988_49	TNFSF14	O43557	211	0.020	0.013	0.121	0.02 (-0.01, 0.05)	0.397	0.015	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.005	4.21E-04	0.007	0.021	0.751	0.01 (-0.03, 0.05)	0.001	0.023	0.974	7.33e-04 (-0.04, 0.05)
10499_1	TMEM106A	Q96A25	211	-0.018	0.012	0.121	-0.02 (-0.04, 4.82e-03	0.399	0.083	-0.056	0.025	0.024	-0.06 (-0.10, -0.01)	0.002	0.077	-0.032	0.020	0.104	-0.03 (-0.07, 0.01)	-0.037	0.023	0.116	-0.04 (-0.08, 0.01)
12701_1	EIF1B	O60739	211	-0.020	0.013	0.121	-0.02 (-0.05, 0.01)	0.399	0.027	-0.040	0.026	0.133	-0.04 (-0.09, 0.01)	0.001	0.400	-0.053	0.022	0.016	-0.05 (-0.10, -0.01)	-0.060	0.027	0.026	-0.06 (-0.11, -0.01)
10531_18	NRAS	P01111	211	0.020	0.013	0.122	0.02 (-0.01, 0.05)	0.400	0.010	0.006	0.026	0.830	0.01 (-0.05, 0.06)	0.001	0.515	-0.007	0.023	0.774	-0.01 (-0.05, 0.04)	-0.001	0.025	0.965	-1.10e-03 (-0.05, 0.05)
3363_31	CSK	P41240	211	-0.020	0.013	0.122	-0.02 (-0.04, 0.01)	0.400	0.048	-0.040	0.025	0.118	-0.04 (-0.09, 0.01)	0.001	0.360	-0.058	0.024	0.014	-0.06 (-0.10, -0.01)	-0.057	0.026	0.027	-0.06 (-0.11, -0.01)
5468_67	IL17RC	Q8NAC3	211	0.018	0.012	0.122	0.02 (-4.75e-03, 0.04)	0.400	0.258	-0.033	0.023	0.159	-0.03 (-0.08, 0.01)	0.003	0.012	-0.016	0.022	0.468	-0.02 (-0.06, 0.03)	-0.017	0.023	0.466	-0.02 (-0.06, 0.03)
11537_12	TFR2	Q9UP52	211	0.018	0.012	0.122	0.02 (-4.80e-03, 0.04)	0.400	0.056	-0.038	0.025	0.126	-0.04 (-0.09, 0.01)	0.003	0.009	-0.016	0.020	0.423	-0.02 (-0.06, 0.02)	-0.008	0.024	0.738	-0.01 (-0.06, 0.04)
17820_170	MLF1	P58340	211	0.021	0.014	0.122	0.02 (-0.01, 0.05)	0.400	0.001	-0.038	0.026	0.153	-0.04 (-0.09, 0.01)	0.004	0.011	-0.001	0.022	0.953	-1.30e-03 (-0.04, 0.0	0.000	0.021	0.986	-3.76e-04 (-0.04, 0.04)
19242_21	PFDN1	O60925	211	0.018	0.012	0.122	0.02 (-4.86e-03, 0.04)	0.400	0.085	-0.025	0.025	0.304	-0.03 (-0.07, 0.02)	0.003	0.042	0.016	0.019	0.420	0.02 (-0.02, 0.05)	-0.006	0.026	0.822	-0.01 (-0.06, 0.04)
5110_84	NRXN1	P58400	211	0.018	0.012	0.122	0.02 (-4.80e-03, 0.04)	0.400	0.329	-0.005	0.023	0.817	-0.01 (-0.05, 0.04)	0.001	0.250	-0.009	0.022	0.687	-0.01 (-0.05, 0.03)	-0.010	0.024	0.672	-0.01 (-0.06, 0.04)
7140_1	CELA2A	P08217	211	0.026	0.017	0.122	0.03 (-0.01, 0.06)	0.400	5.02E-14	0.044	0.034	0.194	0.04 (-0.02, 0.11)	-0.001	0.542	0.054	0.020	0.007	0.05 (0.01, 0.09)	0.063	0.027	0.019	0.06 (0.01, 0.12)
5614_44	CRH	P06850	211	0.018	0.012	0.123	0.02 (-4.80e-03, 0.04)	0.402	0.336	-0.031	0.023	0.175	-0.03 (-0.08, 0.01)	0.003	0.014	-0.011	0.021	0.597	-0.01 (-0.05, 0.03)	-0.010	0.024	0.694	-0.01 (-0.06, 0.04)
9509_4	TMEM38B	Q9NVV0	211	-0.018	0.012	0.123	-0.02 (-0.04, 4.90e-03	0.403	0.284	-0.050	0.024	0.037	-0.05 (-0.10, -3.18e-0	0.002	0.124	-0.050	0.023	0.027	-0.05 (-0.09, -0.01)	-0.051	0.024	0.031	-0.05 (-0.10, -0.01)
15303_63	S100A5	P33763	211	-0.018	0.012	0.123	-0.02 (-0.04, 4.98e-03	0.403	0.634	-0.021	0.024	0.369	-0.02 (-0.07, 0.02)	0.000	0.886	-0.023	0.026	0.375	-0.02 (-0.07, 0.03)	-0.025	0.023	0.294	-0.02 (-0.07, 0.02)
16583_8	NUDT2	P50583	211	-0.027	0.017	0.124	-0.03 (-0.06, 0.01)	0.403	1.02E-19	-0.019	0.034	0.579	-0.02 (-0.09, 0.05)	0.000	0.799	-0.040	0.023	0.087	-0.04 (-0.09, 0.01)	-0.054	0.022	0.017	-0.05 (-0.10, -0.01)
10938_13	CD58	P19256	211	0.018	0.012	0.124	0.02 (-4.97e-03, 0.04)	0.403	0.113	-0.037	0.024	0.131	-0.04 (-0.08, 0.01)	0.003	0.009	-0.034	0.020	0.089	-0.03 (-0.07, 0.01)	-0.033	0.025	0.193	-0.03 (-0.08, 0.02)
3438_10	FSTL3	O95633	211	0.024	0.015	0.124	0.02 (-0.01, 0.05)	0.403	2.83E-07	-0.034	0.030	0.260	-0.03 (-0.09, 0.02)	0.004	0.028	-0.017	0.024	0.481	-0.02 (-0.06, 0.03)	-0.016	0.026	0.534	-0.02 (-0.07, 0.03)
15570_99	CR2	P20023	211	0.029	0.019	0.124	0.03 (-0.01, 0.07)	0.404	1.21E-24	0.046	0.038	0.224	0.05 (-0.03, 0.12)	-0.001	0.605	0.071	0.022	0.001	0.07 (0.03, 0.11)	0.077	0.027	0.005	0.08 (0.02, 0.13)
2816_50	BCAM	P50895	211	0.021	0.014	0.124	0.02 (-0.01, 0.05)	0.404	0.003	0.006	0.028	0.815	0.01 (-0.05, 0.06)	0.001	0.533	0.000	0.020	1.000	0.00e+00 (-0.04, 0.0	-0.029	0.028	0.301	-0.03 (-0.08, 0.03)
6907_17	TMCO5A	Q8N6Q1	211	0.018	0.012	0.124	0.02 (-4.87e-03, 0.04)	0.404	0.506	-0.021	0.023	0.352	-0.02 (-0.07, 0.02)	0.002	0.049	-0.002	0.020	0.928	-1.78e-03 (-0.04, 0.0	-0.004	0.022	0.868	-3.68e-03 (-0.05, 0.04)
2877_3	UBE2I	P63279	211	-0.020	0.013	0.125	-0.02 (-0.04, 0.01)	0.405	0.033	-0.050	0.025	0.053	-0.05 (-0.10, 2.88e-04	0.002	0.176	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	-0.050	0.027	0.061	-0.05 (-0.10, 2.09e-03)
7251_64	C1QTNF3	Q9BXJ4	211	0.021	0.014	0.125	0.02 (-0.01, 0.05)	0.405	0.003	0.000	0.027	0.995	1.53e-04 (-0.05, 0.05)	0.001	0.376	0.010	0.026	0.709	0.01 (-0.04, 0.06)	-0.001	0.026	0.978	-7.41e-04 (-0.05, 0.05)
7257_18	PTH2	Q96A98	211	0.018	0.011	0.125	0.02 (-4.87e-03, 0.04)	0.405	0.130	-0.018	0.024	0.434	-0.02 (-0.06, 0.03)	0.002	0.076	0.003	0.024	0.908	2.75e-03 (-0.04, 0.0	0.006	0.023	0.792	0.01 (-0.04, 0.05)
5651_50	PSG7	Q13046	211	0.019	0.013	0.125	0.02 (-0.01, 0.04)	0.405	0.023	0.009	0.025	0.726	0.01 (-0.04, 0.06)	0.001	0.628	-0.003	0.023	0.907	-2.73e-03 (-0.05, 0.0	0.010	0.023	0.650	0.01 (-0.03, 0.06)
9215_117	USP25	Q9UHP3	211	0.018	0.012	0.125	0.02 (-0.01, 0.04)	0.406	0.068	-0.050	0.025	0.042	-0.05 (-0.10, -2.11e-0	0.004	0.001	-0.009	0.020	0.666	-0.01 (-0.05, 0.03)	-0.015	0.025	0.533	-0.02 (-0.06, 0.03)
6457_50	PCDHGA1	Q9Y5H4	211	0.017	0.011	0.126	0.02 (-4.69e-03, 0.04)	0.407	4.87E-04	0.040	0.022	0.065	0.04 (-2.27e-03, 0.08)	-0.001	0.212	0.044	0.017	0.010	0.04 (0.01, 0.08)	0.047	0.019	0.012	0.05 (0.01, 0.08)
11649_3	SMAP1	Q8IYB5	211	-0.018	0.012	0.126	-0.02 (-0.04, 0.01)	0.407	0.059	-0.046	0.025	0.073	-0.05 (-0.10, 4.06e-03	0.002	0.212	-0.058	0.022	0.009	-0.06 (-0.10, -0.01)	-0.056	0.025	0.026	-0.06 (-0.10, -0.01)
12528_40	WRNIP1	Q96S55	211	0.020	0.013	0.126	0.02 (-0.01, 0.05)	0.407	0.011	-0.042	0.026	0.105	-0.04 (-0.09, 0.01)	0.004	0.006	-0.009	0.022	0.690	-0.01 (-0.05, 0.03)	-0.006	0.022	0.784	-0.01 (-0.05, 0.04)
18899_82	HDGFRP3	Q9Y3E1	211	-0.024	0.016	0.126	-0.02 (-0.06, 0.01)	0.407	3.77E-13	-0.062	0.031	0.051	-0.06 (-0.12, -2.45e-0	0.002	0.170	-0.026	0.024	0.278	-0.03 (-0.07, 0.02)	-0.026	0.022	0.236	-0.03 (-0.07, 0.02)
19278_19	RAB1B	Q9H0U4	211	-0.018	0.012	0.126	-0.02 (-0.04, 0.01)	0.407	0.148	-0.041	0.025	0.094	-0.04 (-0.09, 0.01)	0.001	0.275	-0.053	0.021	0.011	-0.05 (-0.09, -0.01)	-0.047	0.025	0.064	-0.05 (-0.10, 2.40e-03)
6599_5	APCDD1	Q8J025	211	0.018	0.012	0.126	0.02 (-0.01, 0.04)	0.408	0.345	-0.047	0.023	0.043	-0.05 (-0.09, -1.82e-0	0.004	0.001	-0.015	0.022	0.504	-0.02 (-0.06, 0.03)	-0.015	0.023	0.518	-0.01 (-0.06, 0.03)
16803_4	CALB2	P22676	211	0.018	0.012	0.126	0.02 (-0.01, 0.04)	0.408	0.342	-0.049	0.023	0.034	-0.05 (-0.09, -4.12e-0	0.004	0.001	-0.022	0.019	0.244	-0.02 (-0.06, 0.01)	-0.030	0.023	0.201	-0.03 (-0.08, 0.02)
8951_162	CSPG4	Q6UVK1	211	0.018	0.012	0.127	0.02 (-0.01, 0.04)	0.408	0.138	-0.049	0.024	0.042	-0.05 (-0.10, -2.15e-0	0.004	0.001	-0.007	0.019	0.710	-0.01 (-0.05, 0.03)	-0.017	0.023	0.459	-0.02 (-0.06, 0.03)
8327_26	DPEP2	Q9H4A9	211	-0.021	0.014	0.127	-0.02 (-0.05, 0.01)	0.409	0.012	0.013	0.027	0.641	0.01 (-0.04, 0.07)	-0.002	0.153	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)	-0.022	0.025	0.387	-0.02 (-0.07, 0.03)
12885_42	NR1D2	Q14995	211	0.018	0.012	0.127	0.02 (-0.01, 0.04)	0.410	0.510	-0.015	0.023	0.512	-0.01 (-0.06, 0.03)	0.002	0.097	0.001	0.024	0.976	7.16e-04 (-0.05, 0.0	-0.003	0.024	0.913	-2.65e-03 (-0.05, 0.04)
12469_19	MAPRE1	Q15691	211	-0.018	0.012	0.128	-0.02 (-0.04, 0.01)	0.410	0.089	-0.035	0.025	0.174	-0.03 (-0.08, 0.02)	0.001	0.457	-0.047	0.021	0.025	-0.05 (-0.09, -0.01)	-0.050	0.025	0.048	-0.05 (-0.10, -7.32e-04)
12785_49	ZBTB33	Q86T24	211	0.018	0.012	0.127	0.02 (-0.01, 0.04)	0.410	0.253	-0.024	0.023	0.300	-0.02 (-0.07, 0.02)	0.003	0.039	0.007	0.022	0.752	0.01 (-0.04, 0.05)	-0.004	0.022	0.866	-3.74e-03 (-0.05, 0.04)
17837_5	CLIC2	O15247	211	0.020	0.013	0.128	0.02 (-0.01, 0.05)	0.410	0.009	-0.024	0.026	0.342	-0.02 (-0.07, 0.03)	0.003	0.047	-0.012	0.020	0.538	-0.01 (-0.05, 0.03)	-0.024	0.023	0.298	-0.02 (-0.07, 0.02)
15548_35	PHGDH	O43175	211	0.121	0.080	0.128	0.12 (-0.03, 0.28)	0.411	0.00E+00	0.125	0.158	0.429	0.13 (-0.18, 0.44)	0.000	0.975	-0.027	0.024	0.262	-0.03 (-0.08, 0.02)	-0.017	0.026	0.513	-0.02 (-0.07, 0.03)
17686_27	TBCB	Q99426	211	-0.020	0.013	0.128	-0.02 (-0.05, 0.01)	0.411	0.050	-0.035	0.026	0.183	-0.03 (-0.09, 0.02)	0.001	0.510	-0.051	0.024	0.033	-0.05 (-0.10, -4.06e-	-0.059	0.025	0.021	-0.06 (-0.11, -0.01)
6117_4	PCSK2	P16519	211	0.020	0.013	0.128	0.02 (-0.01, 0.04)	0.411	0.023	-0.025	0.025	0.319	-0.03 (-0.07, 0.02)	0.003	0.042	-0.019	0.022	0.385	-0.02 (-0.06, 0.02)	-0.025	0.024	0.304	-0.02 (-0.07, 0.02)
8307_47	C11orf68	Q9H3H3	211	-0.018	0.012	0.128	-0.02 (-0.04, 0.01)	0.411	0.091	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.001	0.306	-0.057	0.022	0.010	-0.06 (-0.10, -0.01)	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)
9409_11	TPSAB1	Q15661	211	0.018	0.012	0.128	0.02 (-0.01, 0.04)	0.411	0.628	0.008	0.024	0.723	0.01 (-0.04, 0.05)	0.001	0.631	0.013	0.024	0.579	0.01 (-0.03, 0.06)	0.019	0.025	0.435	0.02 (-0.03, 0.07)
12843_6	ZNF410	Q86VK4	211	0.018	0.012	0.128	0.02 (-0.01, 0.04)	0.411	0.140	-0.001	0.024	0.961	-1.19e-03 (-0.05, 0.05	0.001	0.370	0.007	0.024	0.788	0.01 (-0.04, 0.05)	0.006	0.023	0.786	0.01 (-0.04, 0.05)
5070_76	TNFRSF6B	O95407	211	0.018	0.012	0.129	0.02 (-0.01, 0.04)	0.411	0.173	-0.028	0.024	0.241	-0.03 (-0.08, 0.02)	0.003	0.028	-0.025	0.020	0.226	-0.02 (-0.06, 0.02)	-0.024	0.025	0.327	-0.02 (-0.07, 0.02)
8811_24	BAMBI	Q13145	211	0.018	0.012	0.128	0.02 (-0.01, 0.04)	0.411	0.117	-0.022	0.024	0.366	-0.02 (-0.07, 0.03)	0.002	0.060	-0.018	0.019	0.337	-0.02 (-0.06, 0.02)	-0.009	0.023	0.687	-0.01 (-0.05, 0.04)
5679_16	DEFB103A	P81534	211	0.018	0.012	0.129	0.02 (-0.01, 0.04)	0.411	0.858	-0.049	0.023	0.035	-0.05 (-0.09, -3.64e-0	0.004	0.001	-0.011	0.019	0.568	-0.01 (-0.05, 0.03)	-0.014	0.022	0.511	-0.01 (-0.06, 0.03)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
18389_11	IFNA1	P01562	211	0.017	0.012	0.129	0.02 (-0.01, 0.04)	0.412	0.440	-0.017	0.023	0.462	-0.02 (-0.06, 0.03)	0.002	0.084	-0.001	0.021	0.959	-1.06e-03 (-0.04, 0.0	-0.005	0.020	0.795	-0.01 (-0.04, 0.03)
12385_4	CAPN3	P20807	211	0.020	0.013	0.129	0.02 (-0.01, 0.05)	0.412	0.028	-0.035	0.026	0.170	-0.04 (-0.09, 0.01)	0.003	0.014	-0.020	0.020	0.324	-0.02 (-0.06, 0.02)	-0.037	0.025	0.148	-0.04 (-0.09, 0.01)
12617_2	STK24	Q9Y6E0	211	-0.020	0.013	0.130	-0.02 (-0.05, 0.01)	0.412	0.014	-0.033	0.026	0.214	-0.03 (-0.08, 0.02)	0.001	0.574	-0.053	0.022	0.019	-0.05 (-0.10, -0.01)	-0.051	0.026	0.048	-0.05 (-0.10, -6.99e-04)
13526_5	SSB	P05455	211	0.018	0.012	0.129	0.02 (-0.01, 0.04)	0.412	0.067	-0.023	0.024	0.354	-0.02 (-0.07, 0.03)	0.003	0.058	0.004	0.024	0.859	4.26e-03 (-0.04, 0.0	0.003	0.022	0.894	2.92e-03 (-0.04, 0.05)
3364_76	CTSV	O60911	211	0.020	0.013	0.130	0.02 (-0.01, 0.05)	0.412	0.005	0.037	0.027	0.162	0.04 (-0.01, 0.09)	-0.001	0.461	0.006	0.026	0.811	0.01 (-0.04, 0.06)	0.022	0.026	0.385	0.02 (-0.03, 0.07)
3835_11	TLR2	O60603	211	0.018	0.012	0.130	0.02 (-0.01, 0.04)	0.412	0.244	-0.030	0.024	0.203	-0.03 (-0.08, 0.02)	0.003	0.020	-0.005	0.023	0.822	-0.01 (-0.05, 0.04)	-0.010	0.021	0.647	-0.01 (-0.05, 0.03)
6611_8	KDELC1	Q6UW63	211	0.019	0.013	0.130	0.02 (-0.01, 0.04)	0.412	0.014	-0.057	0.025	0.022	-0.06 (-0.11, -0.01)	0.005	4.43E-04	-0.010	0.023	0.678	-0.01 (-0.06, 0.04)	0.016	0.023	0.472	0.02 (-0.03, 0.06)
8062_15	EVA1B	Q9NVM1	211	0.018	0.012	0.130	0.02 (-0.01, 0.04)	0.412	0.504	-0.028	0.023	0.231	-0.03 (-0.07, 0.02)	0.003	0.024	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)	-0.005	0.022	0.812	-0.01 (-0.05, 0.04)
9794_17	ADCK4	Q96D53	211	0.018	0.012	0.129	0.02 (-0.01, 0.04)	0.412	0.518	0.000	0.023	0.992	2.41e-04 (-0.05, 0.05)	0.001	0.385	-0.012	0.021	0.567	-0.01 (-0.05, 0.03)	-0.010	0.023	0.656	-0.01 (-0.06, 0.04)
10815_2	HABP4	Q5JVS0	211	0.018	0.012	0.130	0.02 (-0.01, 0.04)	0.412	0.149	-0.040	0.024	0.102	-0.04 (-0.09, 0.01)	0.004	0.006	-0.009	0.024	0.695	-0.01 (-0.06, 0.04)	-0.001	0.024	0.977	-7.13e-04 (-0.05, 0.05)
8036_75	FSHB	P01225	211	0.018	0.012	0.130	0.02 (-0.01, 0.04)	0.412	0.346	-0.015	0.023	0.525	-0.01 (-0.06, 0.03)	0.002	0.108	-0.002	0.024	0.934	-1.98e-03 (-0.05, 0.0	0.005	0.022	0.821	0.01 (-0.04, 0.05)
12461_8	SIRT5	Q9NXA8	211	-0.019	0.013	0.130	-0.02 (-0.04, 0.01)	0.412	0.036	-0.046	0.025	0.064	-0.05 (-0.10, 2.45e-03	0.002	0.205	-0.043	0.024	0.069	-0.04 (-0.09, 3.36e-	-0.048	0.023	0.037	-0.05 (-0.09, -3.13e-03)
18264_12	CCDC25	Q86WR0	211	0.018	0.012	0.130	0.02 (-0.01, 0.04)	0.412	0.236	-0.006	0.024	0.803	-0.01 (-0.05, 0.04)	0.001	0.253	0.017	0.024	0.471	0.02 (-0.03, 0.06)	0.013	0.023	0.585	0.01 (-0.03, 0.06)
10372_18	STAT6	P42226	211	-0.020	0.013	0.130	-0.02 (-0.05, 0.01)	0.413	0.023	-0.036	0.026	0.162	-0.04 (-0.09, 0.01)	0.001	0.457	-0.049	0.023	0.036	-0.05 (-0.10, -3.17e-	-0.043	0.026	0.093	-0.04 (-0.09, 0.01)
10432_3	KIAA1644	Q3SXP7	211	0.017	0.012	0.131	0.02 (-0.01, 0.04)	0.413	0.312	-0.022	0.023	0.348	-0.02 (-0.07, 0.02)	0.002	0.052	-0.012	0.023	0.619	-0.01 (-0.06, 0.03)	0.000	0.025	0.991	-2.92e-04 (-0.05, 0.05)
10506_53	PGRMC2	O15173	211	-0.017	0.012	0.131	-0.02 (-0.04, 0.01)	0.414	0.227	-0.070	0.023	0.003	-0.07 (-0.12, -0.02)	0.003	0.010	-0.034	0.018	0.066	-0.03 (-0.07, 2.24e-	-0.063	0.027	0.021	-0.06 (-0.12, -0.01)
10917_40	GNGT2	O14610	211	0.017	0.012	0.131	0.02 (-0.01, 0.04)	0.414	0.171	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)	0.005	2.83E-04	-0.019	0.020	0.331	-0.02 (-0.06, 0.02)	-0.025	0.021	0.244	-0.02 (-0.07, 0.02)
10842_7	GCNT4	Q9P109	211	0.018	0.012	0.131	0.02 (-0.01, 0.04)	0.414	0.211	-0.060	0.024	0.011	-0.06 (-0.11, -0.01)	0.005	1.74E-04	-0.009	0.020	0.650	-0.01 (-0.05, 0.03)	-0.021	0.024	0.376	-0.02 (-0.07, 0.03)
10663_42	INSIG1	O15503	211	0.017	0.012	0.131	0.02 (-0.01, 0.04)	0.415	0.298	-0.026	0.023	0.270	-0.03 (-0.07, 0.02)	0.003	0.033	-0.003	0.024	0.907	-2.80e-03 (-0.05, 0.0	-0.007	0.024	0.757	-0.01 (-0.05, 0.04)
19379_154	RAB3D	O95716	211	-0.018	0.012	0.132	-0.02 (-0.04, 0.01)	0.415	0.313	-0.031	0.024	0.198	-0.03 (-0.08, 0.02)	0.001	0.524	-0.038	0.022	0.094	-0.04 (-0.08, 0.01)	-0.048	0.025	0.061	-0.05 (-0.10, 1.85e-03)
2839_2	TNFSF4	P23510	211	0.019	0.013	0.132	0.02 (-0.01, 0.04)	0.415	0.021	-0.043	0.025	0.083	-0.04 (-0.09, 0.01)	0.004	0.004	0.001	0.019	0.979	5.04e-04 (-0.04, 0.0	-0.011	0.024	0.644	-0.01 (-0.06, 0.04)
12713_365	RGS19	P49795	211	0.020	0.013	0.132	0.02 (-0.01, 0.05)	0.415	0.004	-0.047	0.026	0.072	-0.05 (-0.10, 3.92e-03	0.004	0.003	-0.012	0.022	0.592	-0.01 (-0.05, 0.03)	0.002	0.022	0.928	2.02e-03 (-0.04, 0.05)
17855_28	RGS4	P49798	211	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.415	0.383	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)	0.004	0.004	-0.006	0.022	0.785	-0.01 (-0.05, 0.04)	-0.007	0.024	0.760	-0.01 (-0.05, 0.04)
18382_109	COMT	P21964	211	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.415	0.414	-0.015	0.025	0.532	-0.02 (-0.06, 0.03)	0.002	0.114	-0.003	0.024	0.885	-3.44e-03 (-0.05, 0.0	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)
13612_7	CYTIP	O60759	211	0.017	0.012	0.132	0.02 (-0.01, 0.04)	0.416	0.065	-0.032	0.024	0.191	-0.03 (-0.08, 0.02)	0.003	0.020	-0.004	0.023	0.860	-4.08e-03 (-0.05, 0.0	-0.005	0.023	0.839	-4.64e-03 (-0.05, 0.04)
13669_6	FGFR3	P22607	211	0.020	0.013	0.133	0.02 (-0.01, 0.05)	0.416	0.021	0.028	0.026	0.280	0.03 (-0.02, 0.08)	-0.001	0.711	-0.004	0.024	0.862	-4.21e-03 (-0.05, 0.0	-0.015	0.024	0.532	-0.02 (-0.06, 0.03)
16304_6	LGR4	Q9BXB1	211	0.017	0.012	0.133	0.02 (-0.01, 0.04)	0.416	0.236	-0.012	0.024	0.626	-0.01 (-0.06, 0.03)	0.002	0.159	-0.018	0.019	0.341	-0.02 (-0.06, 0.02)	-0.013	0.025	0.606	-0.01 (-0.06, 0.04)
19147_6	LGALS13	Q9UHV8	211	0.018	0.012	0.133	0.02 (-0.01, 0.04)	0.416	0.291	-0.023	0.024	0.335	-0.02 (-0.07, 0.02)	0.003	0.049	0.006	0.019	0.746	0.01 (-0.03, 0.04)	-0.026	0.025	0.305	-0.03 (-0.08, 0.02)
19372_7	MDGA2	Q7Z553	211	0.022	0.015	0.132	0.02 (-0.01, 0.05)	0.416	5.24E-10	0.061	0.029	0.038	0.06 (3.69e-03, 0.12)	-0.002	0.127	0.022	0.021	0.281	0.02 (-0.02, 0.06)	0.009	0.022	0.689	0.01 (-0.03, 0.05)
3651_50	KDR	P35968	211	0.021	0.014	0.132	0.02 (-0.01, 0.05)	0.416	0.001	-0.010	0.028	0.731	-0.01 (-0.06, 0.04)	0.002	0.204	-0.001	0.020	0.946	-1.36e-03 (-0.04, 0.0	0.001	0.025	0.956	1.36e-03 (-0.05, 0.05)
5347_59	CCNB1	P14635	211	0.018	0.012	0.133	0.02 (-0.01, 0.04)	0.416	0.426	-0.055	0.023	0.019	-0.06 (-0.10, -0.01)	0.005	3.65E-04	-0.018	0.021	0.383	-0.02 (-0.06, 0.02)	-0.022	0.024	0.367	-0.02 (-0.07, 0.03)
10088_37	APRT	P07741	211	-0.018	0.012	0.134	-0.02 (-0.04, 0.01)	0.416	0.055	-0.040	0.026	0.122	-0.04 (-0.09, 0.01)	0.001	0.326	-0.056	0.021	0.009	-0.06 (-0.10, -0.01)	-0.055	0.024	0.023	-0.05 (-0.10, -0.01)
10428_1	KIR2DS2	P43631	211	-0.086	0.057	0.134	-0.09 (-0.20, 0.03)	0.416	0.00E+00	-0.037	0.114	0.745	-0.04 (-0.26, 0.19)	-0.003	0.624	0.039	0.020	0.048	0.04 (4.24e-04, 0.0	0.039	0.025	0.124	0.04 (-0.01, 0.09)
11308_8	CREB3L4	Q8TEY5	211	0.022	0.015	0.135	0.02 (-0.01, 0.05)	0.416	1.40E-08	-0.047	0.029	0.112	-0.05 (-0.10, 0.01)	0.004	0.007	-0.014	0.019	0.456	-0.01 (-0.05, 0.02)	-0.038	0.026	0.148	-0.04 (-0.09, 0.01)
11347_9	TALDO1	P37837	211	0.019	0.013	0.133	0.02 (-0.01, 0.04)	0.416	0.049	-0.012	0.025	0.619	-0.01 (-0.06, 0.04)	0.002	0.146	-0.014	0.023	0.538	-0.01 (-0.06, 0.03)	-0.010	0.023	0.656	-0.01 (-0.06, 0.03)
11618_83	MYB	P10242	211	0.017	0.012	0.134	0.02 (-0.01, 0.04)	0.416	0.065	-0.052	0.024	0.035	-0.05 (-0.10, -4.04e-0	0.004	0.001	-0.005	0.019	0.795	-4.96e-03 (-0.04, 0.0	-0.010	0.023	0.659	-0.01 (-0.06, 0.03)
11638_42	B3GALT2	O43825	211	0.020	0.013	0.134	0.02 (-0.01, 0.05)	0.416	0.015	-0.021	0.026	0.429	-0.02 (-0.07, 0.03)	0.003	0.073	-0.006	0.022	0.774	-0.01 (-0.05, 0.04)	-0.002	0.023	0.933	-1.91e-03 (-0.05, 0.04)
12408_333	RAB22A	Q9UL26	211	-0.018	0.012	0.134	-0.02 (-0.04, 0.01)	0.416	0.127	-0.033	0.025	0.186	-0.03 (-0.08, 0.02)	0.001	0.478	-0.043	0.022	0.047	-0.04 (-0.09, -4.86e-	-0.049	0.024	0.042	-0.05 (-0.10, -2.01e-03)
12513_8	GLTP	Q9NZD2	211	0.018	0.012	0.133	0.02 (-0.01, 0.04)	0.416	0.064	-0.024	0.025	0.343	-0.02 (-0.07, 0.03)	0.003	0.056	-0.009	0.023	0.674	-0.01 (-0.05, 0.03)	-0.002	0.024	0.927	-2.23e-03 (-0.05, 0.05)
12540_25	RHOG	P84095	211	0.020	0.013	0.134	0.02 (-0.01, 0.05)	0.416	0.008	-0.036	0.026	0.167	-0.04 (-0.09, 0.01)	0.004	0.013	-0.017	0.022	0.431	-0.02 (-0.06, 0.03)	-0.012	0.023	0.606	-0.01 (-0.06, 0.03)
12626_6	SENP7	Q9BQF6	211	0.017	0.012	0.134	0.02 (-0.01, 0.04)	0.416	0.680	-0.026	0.023	0.271	-0.03 (-0.07, 0.02)	0.003	0.033	-0.018	0.022	0.424	-0.02 (-0.06, 0.03)	-0.018	0.022	0.418	-0.02 (-0.06, 0.03)
13032_1	BECN1	Q14457	211	0.018	0.012	0.134	0.02 (-0.01, 0.04)	0.416	0.127	-0.031	0.024	0.207	-0.03 (-0.08, 0.02)	0.003	0.022	0.013	0.019	0.488	0.01 (-0.02, 0.05)	0.004	0.023	0.874	3.70e-03 (-0.04, 0.05)
15527_90	DLD	P09622	211	-0.021	0.014	0.135	-0.02 (-0.05, 0.01)	0.416	0.001	-0.021	0.027	0.449	-0.02 (-0.07, 0.03)	0.000	0.995	-0.045	0.024	0.057	-0.04 (-0.09, 1.33e-	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)
16809_1	NME4	O00746	211	-0.017	0.012	0.135	-0.02 (-0.04, 0.01)	0.416	0.753	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	0.002	0.076	-0.057	0.019	0.003	-0.06 (-0.09, -0.02)	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)
18882_7	CLSTN2	Q9H4D0	211	0.022	0.015	0.134	0.02 (-0.01, 0.05)	0.416	4.37E-06	0.053	0.029	0.073	0.05 (-4.61e-03, 0.11)	-0.002	0.227	-0.006	0.025	0.822	-0.01 (-0.06, 0.04)	-0.013	0.026	0.607	-0.01 (-0.06, 0.04)
3795_6	ADAM9	Q13443	211	0.020	0.013	0.134	0.02 (-0.01, 0.05)	0.416	0.019	0.006	0.026	0.815	0.01 (-0.04, 0.06)	0.001	0.547	0.001	0.026	0.955	1.46e-03 (-0.05, 0.0	-0.019	0.026	0.465	-0.02 (-0.07, 0.03)
4986_59	PTK2	Q05397	211	0.017	0.012	0.134	0.02 (-0.01, 0.04)	0.416	0.056	-0.022	0.024	0.366	-0.02 (-0.07, 0.03)	0.002	0.063	0.008	0.023	0.718	0.01 (-0.04, 0.05)	-0.002	0.022	0.917	-2.35e-03 (-0.05, 0.04)
6245_4	PVRL2	Q92692	211	0.019	0.013	0.135	0.02 (-0.01, 0.04)	0.416	0.019	-0.049	0.025	0.050	-0.05 (-0.10, -1.88e-0	0.004	0.002	-0.003	0.021	0.891	-2.83e-03 (-0.04, 0.0	-0.003	0.023	0.883	-3.32e-03 (-0.05, 0.04)
7861_9	ROR2	Q01974	211	0.019	0.013	0.134	0.02 (-0.01, 0.04)	0.416	0.018	0.017	0.026	0.513	0.02 (-0.03, 0.07)	0.000	0.911	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)	0.001	0.026	0.956	1.41e-03 (-0.05, 0.05)
8044_90	XG	P55808	211	0.019	0.013	0.135	0.02 (-0.01, 0.04)	0.416	0.021	-0.012	0.025	0.634	-0.01 (-0.06, 0.04)	0.002	0.155	-0.025	0.021	0.217	-0.03 (-0.07, 0.01)	-0.018	0.026	0.491	-0.02 (-0.07, 0.03)
8653_132	DNAJC4	Q9NNZ3	211	0.020	0.014	0.134	0.02 (-0.01, 0.05)	0.416	0.001	-0.063	0.026	0.016	-0.06 (-0.11, -0.01)	0.005	2.68E-04	0.016	0.019	0.394	0.02 (-0.02, 0.05)	0.011	0.022	0.623	0.01 (-0.03, 0.05)
9204_33	POMC	P01189	211	0.018	0.012	0.134	0.02 (-0.01, 0.04)	0.416	0.496	0.005	0.024	0.835	4.99e-03 (-0.04, 0.05)	0.001	0.528	0.002	0.025	0.936	1.99e-03 (-0.05, 0.0	0.005	0.023	0.827	0.01 (-0.04, 0.05)
14063_17	OSM	P13725	211	0.018	0.012	0.135	0.02 (-0.01, 0.04)	0.417	0.195	-0.055	0.024	0.021	-0.05 (-0.10, -0.01)	0.005	4.84E-04	-0.004	0.019	0.833	-4.09e-03 (-0.04, 0.0	-0.019	0.024	0.434	-0.02 (-0.07, 0.03)
8321_27	ZNF843	Q8N446	211	0.017	0.012	0.135	0.02 (-0.01, 0.04)	0.417	0.088	-0.036	0.024	0.139	-0.04 (-0.08, 0.01)	0.003	0.011	-0.015	0.021	0.481	-0.01 (-0.06, 0.03)	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)
13384_110	FH	P07954	211	-0.018	0.012	0.136	-0.02 (-0.04, 0.01)	0.419	0.433	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)	0.001	0.551	-0.024	0.023	0.313	-0.02 (-0.07, 0.02)	-0.031	0.022	0.162	-0.03 (-0.07, 0.01)
13657_2	PNKP	Q96T60	211	-0.018	0.012	0.136	-0.02 (-0.04, 0.01)	0.419	0.178	-0.048	0.025	0.056	-0.05 (-0.10, 1.02e-03	0.002	0.167	-0.042	0.023	0.061	-0.04 (-0.09, 2.01e-	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)
13726_4	CD80	P33681	211	0.018	0.012	0.136	0.02 (-0.01, 0.04)	0.419	0.208	-0.009	0.024	0.726	-0.01 (-0.06, 0.04)	0.002	0.214	-0.002	0.020	0.928	-1.82e-03 (-0.04, 0.0	0.001	0.026	0.971	9.49e-04 (-0.05, 0.05)
17783_9	MMAB	Q96EY8	211	-0.017	0.012	0.136	-0.02 (-0.04, 0.01)	0.419	0.801	-0.035	0.023	0.129	-0.03 (-0.08, 0.01)	0.001	0.372	-0.013	0.024	0.580	-0.01 (-0.06, 0.03)	-0.018	0.024	0.458	-0.02 (-0.07, 0.03)
19317_114	ACPP	P15309	211	0.017	0.012	0.136	0.02 (-0.01, 0.04)	0.419	0.412	-0.026	0.023	0.257	-0.03 (-0.07, 0.02)	0.003	0.030	-0.009	0.021	0.652	-0.01 (-0.05, 0.03)	-0.011	0.023	0.615	-0.01 (-0.06, 0.03)
7821_6	C1D	Q13901	211	0.017	0.012	0.136	0.02 (-0.01, 0.04)	0.419	0.297	-0.032	0.024	0.171	-0.03 (-0.08, 0.01)	0.003	0.015	0.002	0.020	0.906	2.33e-03 (-0.04, 0.0	-0.004	0.024	0.852	-4.40e-03 (-0.05, 0.04)
8261_51	STOM	P27105	211	0.019	0.013	0.136	0.02 (-0.01, 0.04)	0.419	0.033	-0.037	0.025	0.137	-0.04 (-0.09, 0.01)	0.004	0.010	-0.008	0.022	0.709	-0.01 (-0.05, 0.03)	-0.008	0.023	0.736	-0.01 (-0.05, 0.04)
11342_59	PLXDC2	Q6UX71	211	-0.017	0.012	0.137	-0.02 (-0.04, 0.01)	0.420	0.291	-0.044	0.023	0.063	-0.04 (-0.09, 2.07e-03	0.002	0.188	-0.030	0.023	0.195	-0.03 (-0.08, 0.02)	-0.041	0.022	0.063	-0.04 (-0.08, 2.03e-03)
13729_26	SFXN5	Q8TD22	211	0.019	0.013	0.137	0.02 (-0.01, 0.05)	0.420	0.010	-0.079	0.025	0.002	-0.08 (-0.13, -0.03)	0.006	8.07E-06	-0.022	0.022	0.325	-0.02 (-0.07, 0.02)	-0.015	0.024	0.528	-0.02 (-0.06, 0.03)
3052_8	FASLG	P48023	211	0.019	0.013	0.137	0.02 (-0.01, 0.04)	0.420	0.020	0.030	0.025	0.232	0.03 (-0.02, 0.08)	-0.001	0.602	-0.002	0.021	0.943	-1.54e-03 (-0.04, 0.0	0.005	0.023	0.819	0.01 (-0.04, 0.05)
11368_32	AK2	P54819	211	-0.017	0.012	0.137	-0.02 (-0.04, 0.01)	0.420	0.061	-0.034	0.025	0.175	-0.03 (-0.08, 0.02)	0.001	0.443	-0.056	0.021	0.007	-0.06 (-0.10, -0.02)	-0.056	0.023	0.016	-0.06 (-0.10, -0.01)
12475_48	CLIC5	Q9NZA1	211	0.020	0.014	0.137	0.02 (-0.01, 0.05)	0.420	0.006	0.039	0.027	0.155	0.04 (-0.01, 0.09)	-0.001	0.430	0.010	0.027	0.708	0.01 (-0.04, 0.06)	0.008	0.027	0.756	0.01 (-0.04, 0.06)
19233_75	ATOX1	O00244	211	0.019	0.013	0.137	0.02 (-0.01, 0.04)	0.420	0.026	-0.022	0.026	0.392	-0.02 (-0.07, 0.03)	0.003	0.064	0.004	0.022	0.866	3.65e-03 (-0.04, 0.0	-0.004	0.025	0.877	-3.89e-03 (-0.05, 0.05)
7247_1	GORAB	Q5T7V8	211	0.017	0.012	0.137	0.02 (-0.01, 0.04)	0.420	0.053	-0.044	0.025	0.079	-0.04 (-0.09, 4.77e-03	0.004	0.005	-0.010	0.019	0.581	-0.01 (-0.05, 0.03)	-0.019	0.023	0.406	-0.02 (-0.06, 0.03)
8842_16	GRAMD1C	Q8IYS0	211	0.018	0.012	0.137	0.02 (-0.01, 0.04)	0.420	0.142	-0.031	0.025	0.214	-0.03 (-0.08, 0.02)	0.003	0.024	0.006	0.020	0.779	0.01 (-0.03, 0.05)	-0.008	0.024	0.737	-0.01 (-0.06, 0.04)
11587_5	MGA	Q8IWI9	211	0.017	0.012	0.138	0.02 (-0.01, 0.04)	0.421	0.159	-0.047	0.024	0.048	-0.05 (-0.09, -7.16e-0	0.004	0.002	-0.010	0.020	0.627	-0.01 (-0.05, 0.03)	-0.010	0.022	0.633	-0.01 (-0.05, 0.03)
3347_9	ADRBK1	P25098	211	-0.018	0.012	0.138	-0.02 (-0.04, 0.01)	0.421	0.134	-0.050	0.025	0.044	-0.05 (-0.10, -1.74e-0	0.002	0.129	-0.049	0.023	0.036	-0.05 (-0.09, -3.13e-	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)
7796_10	CD79A	P11912	211	0.017	0.012	0.138	0.02 (-0.01, 0.04)	0.421	0.069	-0.033	0.025	0.180	-0.03 (-0.08, 0.02)	0.003	0.018	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)	-0.015	0.022	0.487	-0.02 (-0.06, 0.03)
9541_15	B3GALT1	Q9Y5Z6	211	0.017	0.012	0.138	0.02 (-0.01, 0.04)	0.421	0.272	-0.036	0.024	0.124	-0.04 (-0.08, 0.01)	0.003	0.009	-0.020	0.020	0.317	-0.02 (-0.06, 0.02)	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)
9769_48	DNER	Q8NFT8	211	-0.023	0.016	0.138	-0.02 (-0.05, 0.01)	0.421	2.28E-09	0.074	0.030	0.016	0.07 (0.01, 0.13)	-0.006	2.73E-04	0.032	0.021	0.137	0.03 (-0.01, 0.07)	0.034	0.026	0.191	0.03 (-0.02, 0.09)
9855_10	RHOA	P61586	211	-0.018	0.012	0.138	-0.02 (-0.04, 0.01)	0.421	0.105	-0.038	0.025	0.125	-0.04 (-0.09, 0.01)	0.001	0.334	-0.045	0.023	0.049	-0.05 (-0.09, -1.14e-	-0.044	0.024	0.068	-0.04 (-0.09, 3.10e-03)
11147_17	TREML1	Q86YW5	211	-0.017	0.012	0.140	-0.02 (-0.04, 0.01)	0.423	0.088	-0.039	0.025	0.118	-0.04 (-0.09, 0.01)	0.001	0.314	-0.038	0.024	0.119	-0.04 (-0.08, 0.01)	-0.027	0.024	0.274	-0.03 (-0.07, 0.02)
12417_46	TPRKB	Q9Y3C4	211	0.020	0.013	0.140	0.02 (-0.01, 0.05)	0.423	0.005	-0.036	0.026	0.175	-0.04 (-0.09, 0.02)	0.003	0.015	-0.007	0.023	0.774	-0.01 (-0.05, 0.04)	0.004	0.023	0.865	3.96e-03 (-0.04, 0.05)
13513_174	PIAS3	Q9Y6X2	211	0.017	0.012	0.140	0.02 (-0.01, 0.04)	0.423	0.204	-0.035	0.024	0.137	-0.04 (-0.08, 0.01)	0.003	0.011	-0.003	0.020	0.884	-2.98e-03 (-0.04, 0.0	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)
13615_60	NCK2	O43639	211	-0.018	0.012	0.140	-0.02 (-0.04, 0.01)	0.423	0.072	-0.035	0.025	0.177	-0.03 (-0.08, 0.02)	0.001	0.444	-0.048	0.022	0.029	-0.05 (-0.09, -4.77e-	-0.058	0.027	0.031	-0.06 (-0.11, -0.01)
14035_13	TIAM1	Q13009	211	0.020	0.013	0.139	0.02 (-0.01, 0.05)	0.423	0.001	-0.027	0.026	0.300	-0.03 (-0.08, 0.02)	0.003	0.039	-0.003	0.019	0.871	-3.12e-03 (-0.04, 0.0	-0.015	0.024	0.534	-0.01 (-0.06, 0.03)
14115_34	ADM	P35318	211	0.018	0.012	0.140	0.02 (-0.01, 0.04)	0.423	0.052	-0.030	0.025	0.235	-0.03 (-0.08, 0.02)	0.003	0.030	-0.008	0.023	0.735	-0.01 (-0.05, 0.04)	-0.001	0.022	0.947	-1.46e-03 (-0.04, 0.04)
17362_5	VHL	P40337	211	0.017	0.012	0.139	0.02 (-0.01, 0.04)	0.423	0.664	-0.036	0.023	0.118	-0.04 (-0.08, 0.01)	0.003	0.008	0.006	0.020	0.759	0.01 (-0.03, 0.05)	0.001	0.023	0.975	7.04e-04 (-0.04, 0.05)
17408_2	PMM1	Q92871	211	0.017	0.011	0.139	0.02 (-0.01, 0.04)	0.423	0.514	0.011	0.023	0.611	0.01 (-0.03, 0.06)	0.000	0.781	-0.001	0.021	0.953	-1.27e-03 (-0.04, 0.0	0.007	0.021	0.750	0.01 (-0.04, 0.05)
19124_9	UBLCP1	Q8WVY7	211	-0.020	0.014	0.139	-0.02 (-0.05, 0.01)	0.423	0.001	-0.041	0.027	0.132	-0.04 (-0.09, 0.01)	0.001	0.376	-0.051	0.020	0.012	-0.05 (-0.09, -0.01)	-0.047	0.026	0.073	-0.05 (-0.10, 4.15e-03)
3293_2	CD5L	O43866	211	0.021	0.014	0.139	0.02 (-0.01, 0.05)	0.423	3.06E-04	0.055	0.029	0.053	0.06 (-5.01e-04, 0.11)	-0.002	0.167	0.021	0.025	0.402	0.02 (-0.03, 0.07)	0.050	0.027	0.066	0.05 (-3.07e-03, 0.10)
3414_40	BMX	P51813	211	-0.017	0.012	0.140	-0.02 (-0.04, 0.01)	0.423	0.337	-0.069	0.023	0.003	-0.07 (-0.11, -0.02)	0.003	0.011	-0.028	0.019	0.143	-0.03 (-0.07, 0.01)	-0.051	0.024	0.034	-0.05 (-0.10, -4.04e-03)
5262_57	BCAR3	O75815	211	0.019	0.013	0.139	0.02 (-0.01, 0.04)	0.423	0.046	-0.051	0.024	0.036	-0.05 (-0.10, -3.60e-0	0.004	0.001	-0.001	0.019	0.977	-5.45e-04 (-0.04, 0.0	-0.024	0.023	0.305	-0.02 (-0.07, 0.02)
6622_90	APLN	Q9ULZ1	211	0.019	0.013	0.140	0.02 (-0.01, 0.04)	0.423	0.015	-0.047	0.025	0.067	-0.05 (-0.10, 3.08e-03	0.004	0.003	0.003	0.019	0.874	2.98e-03 (-0.03, 0.0	-0.019	0.023	0.411	-0.02 (-0.06, 0.03)
8250_2	PTPRJ	Q12913	211	0.020	0.014	0.140	0.02 (-0.01, 0.05)	0.423	0.003	-0.009	0.027	0.750	-0.01 (-0.06, 0.04)	0.002	0.218	-0.006	0.024	0.812	-0.01 (-0.05, 0.04)	0.010	0.026	0.689	0.01 (-0.04, 0.06)
8754_5	NMU	P48645	211	0.017	0.012	0.140	0.02 (-0.01, 0.04)	0.423	0.176	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)	0.003	0.034	-0.020	0.020	0.316	-0.02 (-0.06, 0.02)	-0.026	0.022	0.222	-0.03 (-0.07, 0.02)
12862_14	NEDD9	Q14511	211	0.017	0.012	0.141	0.02 (-0.01, 0.04)	0.424	0.201	-0.034	0.024	0.151	-0.03 (-0.08, 0.01)	0.003	0.013	0.007	0.020	0.715	0.01 (-0.03, 0.05)	0.006	0.021	0.786	0.01 (-0.04, 0.05)
14254_27	PTPN4	P29074	211	0.018	0.012	0.141	0.02 (-0.01, 0.04)	0.424	0.721	-0.013	0.024	0.580	-0.01 (-0.06, 0.03)	0.002	0.135	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)	-0.009	0.026	0.731	-0.01 (-0.06, 0.04)
19334_62	TXNDC12	O95881	211	-0.018	0.012	0.141	-0.02 (-0.04, 0.01)	0.424	0.062	-0.048	0.025	0.057	-0.05 (-0.10, 1.19e-03	0.002	0.159	-0.045	0.022	0.040	-0.04 (-0.09, -2.03e-	-0.042	0.025	0.088	-0.04 (-0.09, 0.01)
9234_8	TWSG1	Q9GZX9	211	0.018	0.012	0.141	0.02 (-0.01, 0.04)	0.424	0.108	0.008	0.025	0.743	0.01 (-0.04, 0.06)	0.001	0.668	-0.008	0.021	0.698	-0.01 (-0.05, 0.03)	-0.013	0.026	0.626	-0.01 (-0.06, 0.04)
6904_14	LRRTM2	O43300	211	-0.021	0.014	0.141	-0.02 (-0.05, 0.01)	0.424	3.52E-05	0.027	0.028	0.335	0.03 (-0.03, 0.08)	-0.003	0.048	0.003	0.024	0.903	2.97e-03 (-0.04, 0.0	0.004	0.025	0.879	3.75e-03 (-0.04, 0.05)
19636_23	HLA-G	P17693	211	0.021	0.014	0.141	0.02 (-0.01, 0.05)	0.424	1.12E-04	-0.035	0.028	0.218	-0.03 (-0.09, 0.02)	0.004	0.023	-0.021	0.022	0.355	-0.02 (-0.06, 0.02)	-0.010	0.028	0.725	-0.01 (-0.06, 0.04)
4867_15	VEGFA	P15692	211	0.019	0.013	0.141	0.02 (-0.01, 0.04)	0.424	0.055	-0.034	0.027	0.211	-0.03 (-0.09, 0.02)	0.003	0.025	0.005	0.027	0.865	4.52e-03 (-0.05, 0.0	0.016	0.027	0.554	0.02 (-0.04, 0.07)
10054_3	GAN	Q9H2C0	211	0.019	0.013	0.142	0.02 (-0.01, 0.04)	0.424	0.009	-0.024	0.025	0.349	-0.02 (-0.07, 0.03)	0.003	0.053	-0.001	0.021	0.945	-1.45e-03 (-0.04, 0.0	0.007	0.024	0.786	0.01 (-0.04, 0.05)
10089_7	ASMTL	O95671	211	-0.018	0.012	0.143	-0.02 (-0.04, 0.01)	0.424	0.268	-0.033	0.025	0.178	-0.03 (-0.08, 0.02)	0.001	0.462	-0.038	0.022	0.088	-0.04 (-0.08, 0.01)	-0.039	0.026	0.138	-0.04 (-0.09, 0.01)
10910_6	CEACAM4	O75871	211	0.017	0.012	0.142	0.02 (-0.01, 0.04)	0.424	0.348	-0.049	0.023	0.036	-0.05 (-0.09, -3.55e-0	0.004	0.001	-0.025	0.023	0.259	-0.03 (-0.07, 0.02)	-0.021	0.024	0.371	-0.02 (-0.07, 0.03)
11596_47	ZNF75D	P51815	211	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.424	0.163	-0.029	0.024	0.223	-0.03 (-0.08, 0.02)	0.003	0.026	-0.013	0.020	0.508	-0.01 (-0.05, 0.03)	-0.011	0.023	0.635	-0.01 (-0.06, 0.03)
12352_70	ARRDC3	Q96B67	211	0.017	0.011	0.142	0.02 (-0.01, 0.04)	0.424	0.193	0.010	0.023	0.663	0.01 (-0.04, 0.06)	0.000	0.740	-0.002	0.024	0.948	-1.56e-03 (-0.05, 0.0	-0.009	0.023	0.693	-0.01 (-0.05, 0.04)
12675_14	DARS	P14868	211	-0.020	0.014	0.142	-0.02 (-0.05, 0.01)	0.424	0.005	-0.027	0.027	0.322	-0.03 (-0.08, 0.03)	0.000	0.770	-0.047	0.022	0.032	-0.05 (-0.09, -4.05e-	-0.059	0.025	0.022	-0.06 (-0.11, -0.01)
12777_11	SF1	Q15637	211	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.424	0.056	-0.028	0.025	0.250	-0.03 (-0.08, 0.02)	0.003	0.034	-0.007	0.021	0.729	-0.01 (-0.05, 0.03)	-0.013	0.024	0.597	-0.01 (-0.06, 0.03)
13399_33	RELL1	Q8IUW5	211	0.019	0.013	0.143	0.02 (-0.01, 0.04)	0.424	0.038	-0.030	0.025	0.235	-0.03 (-0.08, 0.02)	0.003	0.026	-0.006	0.024	0.793	-0.01 (-0.05, 0.04)	-0.017	0.024	0.481	-0.02 (-0.06, 0.03)
14593_152	FAM210A	Q96ND0	211	0.021	0.014	0.143	0.02 (-0.01, 0.05)	0.424	1.84E-05	-0.037	0.028	0.193	-0.04 (-0.09, 0.02)	0.004	0.018	-0.004	0.020	0.838	-4.04e-03 (-0.04, 0.0	-0.011	0.022	0.617	-0.01 (-0.05, 0.03)
15299_102	MESDC2	Q14696	211	-0.017	0.012	0.143	-0.02 (-0.04, 0.01)	0.424	0.051	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	0.002	0.233	-0.039	0.020	0.055	-0.04 (-0.08, 8.36e-	-0.047	0.025	0.064	-0.05 (-0.10, 2.48e-03)
16324_38	TLR1	Q15399	211	0.020	0.013	0.143	0.02 (-0.01, 0.05)	0.424	0.002	-0.065	0.026	0.012	-0.07 (-0.12, -0.01)	0.005	1.81E-04	-0.001	0.019	0.959	-1.00e-03 (-0.04, 0.0	-0.018	0.025	0.481	-0.02 (-0.07, 0.03)
16551_14	STAT5B	P51692	211	0.020	0.014	0.142	0.02 (-0.01, 0.05)	0.424	0.001	-0.034	0.027	0.205	-0.03 (-0.09, 0.02)	0.003	0.020	0.012	0.024	0.620	0.01 (-0.04, 0.06)	0.013	0.025	0.593	0.01 (-0.04, 0.06)
17468_1	SUFU	Q9UMX1	211	0.019	0.013	0.142	0.02 (-0.01, 0.05)	0.424	0.010	-0.051	0.026	0.051	-0.05 (-0.10, -1.46e-0	0.004	0.002	-0.007	0.022	0.771	-0.01 (-0.05, 0.04)	-0.012	0.024	0.631	-0.01 (-0.06, 0.04)
18189_12	VPS25	Q9BRG1	211	-0.018	0.012	0.141	-0.02 (-0.04, 0.01)	0.424	0.733	-0.034	0.024	0.158	-0.03 (-0.08, 0.01)	0.001	0.435	-0.036	0.024	0.132	-0.04 (-0.08, 0.01)	-0.031	0.025	0.218	-0.03 (-0.08, 0.02)
4703_87	LTA	P01374	211	0.017	0.012	0.141	0.02 (-0.01, 0.04)	0.424	0.176	-0.044	0.024	0.067	-0.04 (-0.09, 2.86e-03	0.004	0.003	-0.011	0.021	0.594	-0.01 (-0.05, 0.03)	-0.009	0.024	0.704	-0.01 (-0.06, 0.04)
4920_10	LYZ	P61626	211	0.017	0.012	0.142	0.02 (-0.01, 0.04)	0.424	0.050	0.017	0.025	0.514	0.02 (-0.03, 0.07)	0.000	0.973	0.015	0.024	0.553	0.01 (-0.03, 0.06)	0.005	0.023	0.838	4.78e-03 (-0.04, 0.05)
7189_55	CHST3	Q7LGC8	211	0.017	0.012	0.142	0.02 (-0.01, 0.04)	0.424	0.270	-0.038	0.024	0.111	-0.04 (-0.08, 0.01)	0.003	0.007	-0.006	0.024	0.794	-0.01 (-0.05, 0.04)	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)
7797_11	CCDC167	Q9P0B6	211	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.424	0.103	-0.046	0.024	0.061	-0.05 (-0.09, 1.82e-03	0.004	0.003	0.009	0.019	0.655	0.01 (-0.03, 0.05)	-0.003	0.022	0.906	-2.64e-03 (-0.05, 0.04)
7932_23	SYT8	Q8NBV8	211	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.424	0.556	-0.009	0.023	0.708	-0.01 (-0.05, 0.04)	0.002	0.200	0.007	0.024	0.753	0.01 (-0.04, 0.05)	-0.001	0.024	0.952	-1.45e-03 (-0.05, 0.05)
8088_56	C1orf210	Q8IVY1	211	0.017	0.012	0.142	0.02 (-0.01, 0.04)	0.424	0.360	-0.029	0.023	0.216	-0.03 (-0.07, 0.02)	0.003	0.023	-0.007	0.024	0.784	-0.01 (-0.05, 0.04)	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)
8219_14	ZG16	O60844	211	0.019	0.013	0.143	0.02 (-0.01, 0.04)	0.424	0.025	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)	0.004	0.007	0.018	0.019	0.353	0.02 (-0.02, 0.05)	-0.002	0.023	0.937	-1.86e-03 (-0.05, 0.04)
9201_13	TAGLN2	P37802	211	-0.017	0.012	0.142	-0.02 (-0.04, 0.01)	0.424	0.171	-0.041	0.025	0.096	-0.04 (-0.09, 0.01)	0.001	0.265	-0.035	0.022	0.109	-0.03 (-0.08, 0.01)	-0.033	0.025	0.183	-0.03 (-0.08, 0.02)
12692_56	DOT1L	Q8TEK3	211	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.424	0.091	0.002	0.024	0.943	1.75e-03 (-0.05, 0.05)	0.001	0.473	-0.007	0.022	0.766	-0.01 (-0.05, 0.04)	-0.009	0.023	0.702	-0.01 (-0.05, 0.04)
12549_33	HPGDS	O60760	211	-0.019	0.013	0.144	-0.02 (-0.05, 0.01)	0.426	0.003	-0.034	0.026	0.200	-0.03 (-0.08, 0.02)	0.001	0.525	-0.010	0.024	0.672	-0.01 (-0.06, 0.04)	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)
15433_4	SRC	P12931	211	-0.018	0.012	0.144	-0.02 (-0.04, 0.01)	0.426	0.051	-0.031	0.026	0.234	-0.03 (-0.08, 0.02)	0.001	0.554	-0.055	0.022	0.014	-0.05 (-0.10, -0.01)	-0.053	0.025	0.034	-0.05 (-0.10, -4.38e-03)
9728_4	CCNB1IP1	Q9NPC3	211	0.017	0.011	0.144	0.02 (-0.01, 0.04)	0.426	0.250	-0.027	0.023	0.246	-0.03 (-0.07, 0.02)	0.003	0.030	-0.017	0.019	0.362	-0.02 (-0.05, 0.02)	-0.022	0.023	0.342	-0.02 (-0.07, 0.02)
11696_7	CRABP2	P29373	211	0.022	0.015	0.145	0.02 (-0.01, 0.05)	0.427	1.17E-05	-0.049	0.029	0.092	-0.05 (-0.11, 0.01)	0.004	0.005	-0.020	0.021	0.340	-0.02 (-0.06, 0.02)	-0.005	0.026	0.839	-0.01 (-0.06, 0.05)
12452_32	SUV420H2	Q86Y97	211	0.017	0.012	0.145	0.02 (-0.01, 0.04)	0.427	0.064	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.005	0.001	-0.011	0.022	0.622	-0.01 (-0.05, 0.03)	-0.006	0.024	0.813	-0.01 (-0.05, 0.04)
13228_75	MDM2	Q00987	211	0.017	0.012	0.145	0.02 (-0.01, 0.04)	0.427	0.131	-0.025	0.024	0.300	-0.02 (-0.07, 0.02)	0.003	0.045	0.007	0.024	0.767	0.01 (-0.04, 0.05)	-0.002	0.025	0.944	-1.75e-03 (-0.05, 0.05)
13043_157	ATAD2	Q6PL18	211	0.018	0.013	0.145	0.02 (-0.01, 0.04)	0.428	0.042	-0.041	0.025	0.093	-0.04 (-0.09, 0.01)	0.004	0.005	-0.006	0.020	0.783	-0.01 (-0.05, 0.03)	-0.001	0.023	0.955	-1.30e-03 (-0.05, 0.04)
9907_216	TNKS	O95271	211	0.017	0.012	0.146	0.02 (-0.01, 0.04)	0.429	0.326	-0.025	0.023	0.283	-0.03 (-0.07, 0.02)	0.003	0.038	-0.013	0.019	0.479	-0.01 (-0.05, 0.02)	-0.020	0.021	0.356	-0.02 (-0.06, 0.02)
14024_196	EDA	Q92838	211	0.017	0.012	0.146	0.02 (-0.01, 0.04)	0.430	0.063	-0.055	0.025	0.026	-0.06 (-0.10, -0.01)	0.005	0.001	0.000	0.020	1.000	0.00e+00 (-0.04, 0.0	-0.013	0.023	0.578	-0.01 (-0.06, 0.03)
15613_16	PNLIP	P16233	211	0.033	0.023	0.146	0.03 (-0.01, 0.08)	0.430	1.11E-57	0.108	0.045	0.016	0.11 (0.02, 0.20)	-0.005	0.052	0.081	0.021	7.41E-05	0.08 (0.04, 0.12)	0.092	0.029	0.002	0.09 (0.03, 0.15)
5094_62	AMICA1	Q86YT9	211	0.017	0.012	0.146	0.02 (-0.01, 0.04)	0.430	0.077	-0.041	0.024	0.091	-0.04 (-0.09, 0.01)	0.004	0.006	-0.004	0.020	0.823	-4.41e-03 (-0.04, 0.0	-0.019	0.023	0.390	-0.02 (-0.06, 0.02)
16609_106	KIRREL2	Q6UWL6	211	-0.019	0.013	0.146	-0.02 (-0.05, 0.01)	0.430	0.041	-0.028	0.027	0.294	-0.03 (-0.08, 0.02)	0.001	0.710	-0.025	0.026	0.322	-0.03 (-0.08, 0.02)	-0.033	0.026	0.207	-0.03 (-0.08, 0.02)
12682_5	CCBL2	Q6YP21	211	-0.017	0.012	0.147	-0.02 (-0.04, 0.01)	0.431	0.156	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)	0.001	0.341	-0.006	0.025	0.797	-0.01 (-0.06, 0.04)	-0.016	0.024	0.522	-0.02 (-0.06, 0.03)
3166_92	CD33	P20138	211	0.017	0.012	0.147	0.02 (-0.01, 0.04)	0.431	0.914	-0.003	0.023	0.904	-2.80e-03 (-0.05, 0.04	0.001	0.324	-0.014	0.019	0.462	-0.01 (-0.05, 0.02)	-0.017	0.024	0.469	-0.02 (-0.06, 0.03)
7157_22	PCDHA4	Q9UN74	211	-0.023	0.016	0.147	-0.02 (-0.05, 0.01)	0.431	6.20E-08	0.038	0.031	0.226	0.04 (-0.02, 0.10)	-0.004	0.024	0.018	0.022	0.427	0.02 (-0.03, 0.06)	0.003	0.028	0.908	3.20e-03 (-0.05, 0.06)
5590_11	ZPLD1	Q8TCW7	211	0.017	0.012	0.147	0.02 (-0.01, 0.04)	0.431	0.078	-0.055	0.024	0.023	-0.06 (-0.10, -0.01)	0.005	0.001	-0.017	0.021	0.400	-0.02 (-0.06, 0.02)	-0.011	0.023	0.623	-0.01 (-0.06, 0.03)
6965_19	CNTNAP2	Q9UHC6	211	0.018	0.013	0.147	0.02 (-0.01, 0.04)	0.431	0.041	-0.001	0.025	0.978	-6.86e-04 (-0.05, 0.05	0.001	0.380	0.004	0.020	0.857	3.63e-03 (-0.04, 0.0	-0.003	0.023	0.884	-3.40e-03 (-0.05, 0.04)
15523_9	ALAD	P13716	211	-0.019	0.013	0.147	-0.02 (-0.05, 0.01)	0.432	0.024	-0.042	0.026	0.106	-0.04 (-0.09, 0.01)	0.001	0.303	-0.046	0.020	0.024	-0.05 (-0.09, -0.01)	-0.047	0.027	0.082	-0.05 (-0.10, 0.01)
7089_42	SYT11	Q9BT88	211	0.019	0.013	0.148	0.02 (-0.01, 0.05)	0.432	0.007	-0.036	0.026	0.177	-0.04 (-0.09, 0.02)	0.003	0.016	-0.005	0.020	0.799	-4.96e-03 (-0.04, 0.0	-0.014	0.023	0.535	-0.01 (-0.06, 0.03)
2590_69	ROR1	Q01973	211	-0.022	0.015	0.148	-0.02 (-0.05, 0.01)	0.434	5.32E-07	0.016	0.030	0.600	0.02 (-0.04, 0.07)	-0.002	0.145	-0.007	0.025	0.798	-0.01 (-0.06, 0.04)	-0.001	0.023	0.980	-5.80e-04 (-0.05, 0.04)
6913_189	HMGB2	P26583	211	0.017	0.012	0.148	0.02 (-0.01, 0.04)	0.434	0.136	-0.037	0.024	0.126	-0.04 (-0.08, 0.01)	0.003	0.010	-0.009	0.024	0.693	-0.01 (-0.06, 0.04)	-0.003	0.023	0.903	-2.78e-03 (-0.05, 0.04)
9916_146	LRRC4B	Q9NT99	211	-0.018	0.013	0.148	-0.02 (-0.04, 0.01)	0.434	0.032	-0.044	0.025	0.080	-0.04 (-0.09, 0.01)	0.002	0.233	-0.005	0.023	0.841	-4.72e-03 (-0.05, 0.0	0.004	0.024	0.885	3.53e-03 (-0.04, 0.05)
8980_19	CD200R1L	Q6Q8B3	211	0.018	0.013	0.148	0.02 (-0.01, 0.04)	0.434	0.030	-0.006	0.025	0.825	-0.01 (-0.05, 0.04)	0.001	0.274	0.000	0.020	0.993	1.77e-04 (-0.04, 0.0	-0.005	0.024	0.849	-4.54e-03 (-0.05, 0.04)
11227_31	TBL2	Q9Y4P3	211	-0.017	0.012	0.149	-0.02 (-0.04, 0.01)	0.434	0.371	-0.047	0.023	0.047	-0.05 (-0.09, -9.56e-0	0.002	0.139	-0.047	0.020	0.018	-0.05 (-0.09, -0.01)	-0.048	0.025	0.052	-0.05 (-0.10, 2.22e-04)
18876_77	CHST4	Q8NCG5	211	0.017	0.012	0.149	0.02 (-0.01, 0.04)	0.434	0.085	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)	0.003	0.012	0.008	0.020	0.708	0.01 (-0.03, 0.05)	-0.018	0.024	0.436	-0.02 (-0.06, 0.03)
5129_12	SCARF1	Q14162	211	-0.018	0.012	0.149	-0.02 (-0.04, 0.01)	0.434	0.252	-0.040	0.025	0.119	-0.04 (-0.09, 0.01)	0.001	0.320	-0.032	0.026	0.218	-0.03 (-0.08, 0.02)	-0.037	0.024	0.123	-0.04 (-0.08, 0.01)
6296_36	OIT3	Q8WWZ8	211	0.019	0.013	0.149	0.02 (-0.01, 0.04)	0.434	0.002	-0.053	0.026	0.040	-0.05 (-0.10, -2.65e-0	0.005	0.001	-0.015	0.019	0.441	-0.01 (-0.05, 0.02)	-0.032	0.026	0.220	-0.03 (-0.08, 0.02)
7867_154	ST6GALNA	Q9NSC7	211	0.019	0.013	0.149	0.02 (-0.01, 0.04)	0.434	0.018	-0.053	0.025	0.036	-0.05 (-0.10, -3.68e-0	0.004	0.001	-0.002	0.022	0.929	-1.93e-03 (-0.04, 0.0	0.000	0.023	0.985	-4.47e-04 (-0.05, 0.04)
8100_15	ADM2	Q7Z4H4	211	0.020	0.014	0.149	0.02 (-0.01, 0.05)	0.434	1.53E-04	0.014	0.028	0.629	0.01 (-0.04, 0.07)	0.000	0.784	0.003	0.026	0.916	2.78e-03 (-0.05, 0.0	-0.007	0.024	0.783	-0.01 (-0.05, 0.04)
12396_19	HIBCH	Q6NVY1	211	-0.017	0.012	0.149	-0.02 (-0.04, 0.01)	0.435	0.286	-0.034	0.024	0.156	-0.03 (-0.08, 0.01)	0.001	0.407	-0.033	0.023	0.152	-0.03 (-0.08, 0.01)	-0.027	0.023	0.246	-0.03 (-0.07, 0.02)
8784_7	FAM175A	Q6UWZ7	211	0.017	0.012	0.150	0.02 (-0.01, 0.04)	0.435	0.118	-0.028	0.024	0.244	-0.03 (-0.08, 0.02)	0.003	0.032	-0.007	0.019	0.705	-0.01 (-0.05, 0.03)	-0.019	0.024	0.412	-0.02 (-0.07, 0.03)
6467_65	POGLUT1	Q8NBL1	211	-0.019	0.013	0.150	-0.02 (-0.04, 0.01)	0.435	0.018	-0.053	0.026	0.041	-0.05 (-0.10, -2.36e-0	0.002	0.127	-0.048	0.021	0.022	-0.05 (-0.09, -0.01)	-0.060	0.026	0.021	-0.06 (-0.11, -0.01)
7957_2	SCG3	Q8WXD2	211	-0.024	0.017	0.150	-0.02 (-0.06, 0.01)	0.436	6.02E-15	0.041	0.033	0.210	0.04 (-0.02, 0.10)	-0.004	0.022	0.003	0.022	0.874	3.43e-03 (-0.04, 0.0	0.020	0.024	0.389	0.02 (-0.03, 0.07)
12834_3	KCNF1	Q9H3M0	211	0.018	0.013	0.150	0.02 (-0.01, 0.04)	0.436	0.050	-0.034	0.025	0.173	-0.03 (-0.08, 0.01)	0.003	0.016	-0.002	0.020	0.900	-2.46e-03 (-0.04, 0.0	-0.007	0.022	0.758	-0.01 (-0.05, 0.04)
9757_29	ENAH	Q8N8S7	211	-0.017	0.012	0.150	-0.02 (-0.04, 0.01)	0.436	0.067	-0.047	0.025	0.064	-0.05 (-0.10, 2.48e-03	0.002	0.172	-0.045	0.021	0.033	-0.04 (-0.09, -3.67e-	-0.064	0.023	0.007	-0.06 (-0.11, -0.02)
13493_5	GRID1	Q9ULK0	211	0.017	0.012	0.151	0.02 (-0.01, 0.04)	0.437	0.580	-0.030	0.023	0.196	-0.03 (-0.07, 0.02)	0.003	0.020	-0.014	0.023	0.533	-0.01 (-0.06, 0.03)	-0.013	0.023	0.551	-0.01 (-0.06, 0.03)
8459_10	BMP6	P22004	211	0.019	0.013	0.151	0.02 (-0.01, 0.05)	0.437	0.008	0.023	0.027	0.383	0.02 (-0.03, 0.08)	0.000	0.860	0.020	0.025	0.409	0.02 (-0.03, 0.07)	0.019	0.023	0.420	0.02 (-0.03, 0.06)
8699_43	CRIM1	Q9NZV1	211	0.017	0.012	0.151	0.02 (-0.01, 0.04)	0.437	0.464	-0.041	0.023	0.075	-0.04 (-0.09, 3.97e-03	0.004	0.004	-0.005	0.020	0.807	-5.00e-03 (-0.05, 0.0	-0.009	0.025	0.732	-0.01 (-0.06, 0.04)
8776_10	ERLIN1	O75477	211	0.017	0.012	0.151	0.02 (-0.01, 0.04)	0.437	0.086	-0.046	0.024	0.060	-0.05 (-0.09, 1.65e-03	0.004	0.003	-0.009	0.021	0.681	-0.01 (-0.05, 0.03)	-0.004	0.023	0.846	-4.49e-03 (-0.05, 0.04)
11563_51	SYTL4	Q96C24	211	0.020	0.014	0.151	0.02 (-0.01, 0.05)	0.437	1.28E-04	-0.045	0.027	0.098	-0.05 (-0.10, 0.01)	0.004	0.006	0.004	0.021	0.833	4.44e-03 (-0.04, 0.0	0.004	0.026	0.871	4.25e-03 (-0.05, 0.06)
16606_85	AKR1B1	P15121	211	-0.017	0.012	0.151	-0.02 (-0.04, 0.01)	0.437	0.074	-0.057	0.025	0.026	-0.06 (-0.11, -0.01)	0.002	0.071	-0.053	0.022	0.013	-0.05 (-0.10, -0.01)	-0.049	0.026	0.060	-0.05 (-0.10, 1.88e-03)
19122_47	MYL12B	O14950	211	-0.017	0.012	0.151	-0.02 (-0.04, 0.01)	0.437	0.562	-0.024	0.023	0.291	-0.02 (-0.07, 0.02)	0.000	0.700	-0.030	0.022	0.181	-0.03 (-0.07, 0.01)	-0.032	0.023	0.174	-0.03 (-0.08, 0.01)
12892_10	SYTL1	Q8IYJ3	211	0.019	0.013	0.152	0.02 (-0.01, 0.04)	0.438	0.007	-0.055	0.026	0.034	-0.05 (-0.10, -4.39e-0	0.005	0.001	-0.005	0.020	0.814	-4.65e-03 (-0.04, 0.0	-0.016	0.024	0.499	-0.02 (-0.06, 0.03)
15636_49	SORCS1	Q8WY21	211	0.017	0.012	0.152	0.02 (-0.01, 0.04)	0.438	0.224	0.023	0.024	0.349	0.02 (-0.02, 0.07)	0.000	0.779	0.009	0.024	0.713	0.01 (-0.04, 0.06)	0.023	0.024	0.345	0.02 (-0.02, 0.07)
17804_102	PNPO	Q9NVS9	211	0.019	0.013	0.152	0.02 (-0.01, 0.04)	0.438	0.010	-0.021	0.026	0.414	-0.02 (-0.07, 0.03)	0.003	0.076	-0.017	0.022	0.431	-0.02 (-0.06, 0.03)	-0.027	0.025	0.283	-0.03 (-0.08, 0.02)
4862_63	BMPR2	Q13873	211	0.018	0.013	0.152	0.02 (-0.01, 0.04)	0.439	0.030	-0.059	0.025	0.017	-0.06 (-0.11, -0.01)	0.005	3.40E-04	-0.001	0.019	0.960	-9.59e-04 (-0.04, 0.0	-0.010	0.023	0.650	-0.01 (-0.06, 0.03)
6430_36	FAM19A2	Q8N3H0	211	0.018	0.013	0.152	0.02 (-0.01, 0.04)	0.439	0.014	-0.015	0.025	0.555	-0.02 (-0.06, 0.03)	0.002	0.129	0.008	0.019	0.671	0.01 (-0.03, 0.05)	-0.013	0.026	0.626	-0.01 (-0.06, 0.04)
15581_16	FANK1	Q8TC84	211	0.017	0.012	0.153	0.02 (-0.01, 0.04)	0.440	0.061	0.008	0.025	0.752	0.01 (-0.04, 0.06)	0.001	0.684	-0.005	0.019	0.775	-0.01 (-0.04, 0.03)	-0.017	0.024	0.468	-0.02 (-0.06, 0.03)
8470_213	RNASEH1	O60930	211	0.018	0.013	0.153	0.02 (-0.01, 0.04)	0.441	0.016	-0.007	0.025	0.777	-0.01 (-0.06, 0.04)	0.002	0.240	-0.003	0.025	0.915	-2.65e-03 (-0.05, 0.0	-0.002	0.022	0.913	-2.43e-03 (-0.05, 0.04)
6938_21	PCDHGA1	O60330	211	0.017	0.012	0.153	0.02 (-0.01, 0.04)	0.441	0.623	-0.019	0.023	0.415	-0.02 (-0.06, 0.03)	0.002	0.077	-0.001	0.024	0.963	-1.11e-03 (-0.05, 0.0	-0.009	0.025	0.708	-0.01 (-0.06, 0.04)
7153_66	NGRN	Q9NPE2	211	0.017	0.012	0.154	0.02 (-0.01, 0.04)	0.441	0.308	-0.022	0.024	0.342	-0.02 (-0.07, 0.02)	0.002	0.056	0.003	0.020	0.873	3.25e-03 (-0.04, 0.0	-0.004	0.022	0.845	-4.31e-03 (-0.05, 0.04)
9276_7	CPA2	P48052	211	0.017	0.012	0.154	0.02 (-0.01, 0.04)	0.442	0.056	-0.051	0.024	0.039	-0.05 (-0.10, -2.81e-0	0.004	0.002	-0.003	0.020	0.878	-3.12e-03 (-0.04, 0.0	-0.015	0.022	0.518	-0.01 (-0.06, 0.03)
7231_37	TMPRSS11	Q6ZMR5	211	0.017	0.012	0.154	0.02 (-0.01, 0.04)	0.442	0.522	-0.030	0.023	0.186	-0.03 (-0.07, 0.01)	0.003	0.018	0.006	0.023	0.809	0.01 (-0.04, 0.05)	0.006	0.023	0.793	0.01 (-0.04, 0.05)
13651_54	ZFP91	Q96JP5	211	0.016	0.012	0.155	0.02 (-0.01, 0.04)	0.444	0.275	0.004	0.023	0.880	3.55e-03 (-0.04, 0.05)	0.001	0.527	0.013	0.025	0.595	0.01 (-0.04, 0.06)	0.001	0.024	0.955	1.38e-03 (-0.05, 0.05)
6930_95	ST8SIA6	P61647	211	0.017	0.012	0.155	0.02 (-0.01, 0.04)	0.444	0.127	-0.029	0.024	0.229	-0.03 (-0.08, 0.02)	0.003	0.030	-0.015	0.022	0.496	-0.01 (-0.06, 0.03)	-0.007	0.025	0.785	-0.01 (-0.06, 0.04)
7860_9	HERC4	Q5GLZ8	211	0.019	0.013	0.155	0.02 (-0.01, 0.04)	0.444	0.018	-0.042	0.026	0.105	-0.04 (-0.09, 0.01)	0.004	0.007	-0.006	0.021	0.794	-0.01 (-0.05, 0.04)	0.003	0.024	0.900	3.00e-03 (-0.04, 0.05)
9282_12	CRISP2	P16562	211	-0.018	0.013	0.155	-0.02 (-0.04, 0.01)	0.444	1.55E-04	0.008	0.026	0.764	0.01 (-0.04, 0.06)	-0.002	0.240	0.010	0.019	0.596	0.01 (-0.03, 0.05)	0.019	0.022	0.399	0.02 (-0.02, 0.06)
4834_61	EPHA2	P29317	211	0.019	0.013	0.155	0.02 (-0.01, 0.04)	0.445	0.018	0.008	0.027	0.774	0.01 (-0.04, 0.06)	0.001	0.624	-0.009	0.023	0.707	-0.01 (-0.05, 0.04)	-0.009	0.026	0.744	-0.01 (-0.06, 0.04)
12758_47	GRID2	O43424	211	-0.021	0.015	0.156	-0.02 (-0.05, 0.01)	0.446	4.39E-04	0.037	0.029	0.199	0.04 (-0.02, 0.09)	-0.004	0.021	0.032	0.021	0.130	0.03 (-0.01, 0.07)	0.029	0.027	0.292	0.03 (-0.02, 0.08)
4480_59	C3	P01024	211	0.017	0.012	0.156	0.02 (-0.01, 0.04)	0.446	0.091	-0.014	0.025	0.580	-0.01 (-0.06, 0.04)	0.002	0.157	0.035	0.024	0.154	0.03 (-0.01, 0.08)	0.029	0.024	0.222	0.03 (-0.02, 0.08)
6574_11	FAIM3	O60667	211	0.022	0.016	0.156	0.02 (-0.01, 0.05)	0.446	1.18E-06	0.083	0.030	0.007	0.08 (0.02, 0.14)	-0.004	0.022	0.022	0.026	0.388	0.02 (-0.03, 0.07)	0.050	0.025	0.047	0.05 (9.77e-04, 0.10)
8921_139	PABPN1	Q86U42	211	-0.017	0.012	0.156	-0.02 (-0.04, 0.01)	0.446	0.140	-0.067	0.024	0.006	-0.07 (-0.11, -0.02)	0.003	0.017	-0.048	0.019	0.012	-0.05 (-0.09, -0.01)	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)
9960_2	TBC1D5	Q92609	211	-0.017	0.012	0.156	-0.02 (-0.04, 0.01)	0.446	0.114	-0.066	0.025	0.007	-0.07 (-0.11, -0.02)	0.003	0.020	-0.044	0.021	0.033	-0.04 (-0.08, -3.60e-	-0.074	0.028	0.008	-0.07 (-0.13, -0.02)
10047_12	NCF2	P19878	211	0.017	0.012	0.157	0.02 (-0.01, 0.04)	0.446	0.456	-0.037	0.023	0.115	-0.04 (-0.08, 0.01)	0.003	0.008	-0.021	0.020	0.271	-0.02 (-0.06, 0.02)	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)
11690_47	ANAPC7	Q9UJX3	211	0.017	0.012	0.157	0.02 (-0.01, 0.04)	0.446	0.473	-0.042	0.023	0.071	-0.04 (-0.09, 3.38e-03	0.004	0.004	-0.012	0.019	0.527	-0.01 (-0.05, 0.03)	-0.013	0.025	0.605	-0.01 (-0.06, 0.04)
13109_82	NEGR1	Q7Z3B1	211	-0.024	0.017	0.157	-0.02 (-0.06, 0.01)	0.446	6.33E-13	0.004	0.034	0.917	3.50e-03 (-0.06, 0.07)	-0.002	0.346	0.008	0.025	0.742	0.01 (-0.04, 0.06)	0.009	0.026	0.730	0.01 (-0.04, 0.06)
14011_17	S100A11	P31949	211	0.018	0.013	0.157	0.02 (-0.01, 0.04)	0.446	0.033	-0.027	0.026	0.303	-0.03 (-0.08, 0.02)	0.003	0.044	-0.007	0.019	0.703	-0.01 (-0.04, 0.03)	-0.027	0.025	0.279	-0.03 (-0.08, 0.02)
16792_4	SIGLEC5	O15389	211	0.016	0.011	0.157	0.02 (-0.01, 0.04)	0.446	0.960	0.001	0.022	0.949	1.43e-03 (-0.04, 0.04)	0.001	0.452	-0.010	0.021	0.627	-0.01 (-0.05, 0.03)	-0.004	0.022	0.858	-4.03e-03 (-0.05, 0.04)
18950_13	RAC2	P15153	211	-0.017	0.012	0.157	-0.02 (-0.04, 0.01)	0.446	0.117	-0.037	0.025	0.142	-0.04 (-0.09, 0.01)	0.001	0.356	-0.050	0.022	0.025	-0.05 (-0.09, -0.01)	-0.058	0.024	0.016	-0.06 (-0.11, -0.01)
4479_14	SERPING1	P05155	211	-0.021	0.015	0.157	-0.02 (-0.05, 0.01)	0.446	5.61E-06	-0.003	0.029	0.922	-2.83e-03 (-0.06, 0.05	-0.001	0.476	0.016	0.022	0.462	0.02 (-0.03, 0.06)	-0.008	0.026	0.750	-0.01 (-0.06, 0.04)
4987_17	FCAR	P24071	211	0.016	0.012	0.157	0.02 (-0.01, 0.04)	0.446	0.077	-0.038	0.024	0.118	-0.04 (-0.09, 0.01)	0.003	0.010	-0.009	0.020	0.652	-0.01 (-0.05, 0.03)	-0.008	0.022	0.732	-0.01 (-0.05, 0.04)
5261_13	ABL2	P42684	211	0.016	0.012	0.157	0.02 (-0.01, 0.04)	0.446	0.198	-0.055	0.023	0.020	-0.05 (-0.10, -0.01)	0.004	0.001	0.015	0.019	0.426	0.02 (-0.02, 0.05)	-0.004	0.023	0.872	-3.76e-03 (-0.05, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
7064_2	VAMP8	Q9BV40	211	0.018	0.013	0.156	0.02 (-0.01, 0.04)	0.446	0.023	-0.049	0.025	0.051	-0.05 (-0.10, -1.22e-0	0.004	0.002	-0.005	0.022	0.833	-4.56e-03 (-0.05, 0.	0.002	0.024	0.933	1.99e-03 (-0.04, 0.05)
7203_125	RFNG	Q9Y644	211	0.020	0.014	0.157	0.02 (-0.01, 0.05)	0.446	3.39E-06	-0.014	0.028	0.618	-0.01 (-0.07, 0.04)	0.002	0.162	-0.006	0.022	0.784	-0.01 (-0.05, 0.04)	-0.002	0.022	0.946	-1.52e-03 (-0.05, 0.04)
8535_102	DMKN	Q6E0U4	211	0.017	0.012	0.157	0.02 (-0.01, 0.04)	0.446	0.153	-0.045	0.024	0.059	-0.05 (-0.09, 1.41e-03	0.004	0.003	-0.020	0.021	0.325	-0.02 (-0.06, 0.02)	-0.016	0.023	0.500	-0.02 (-0.06, 0.03)
9839_148	TIRAP	P58753	211	-0.017	0.012	0.157	-0.02 (-0.04, 0.01)	0.446	0.100	-0.039	0.025	0.124	-0.04 (-0.09, 0.01)	0.001	0.313	-0.034	0.024	0.157	-0.03 (-0.08, 0.01)	-0.034	0.025	0.180	-0.03 (-0.08, 0.02)
9844_138	ACTN2	P35609	211	0.021	0.015	0.157	0.02 (-0.01, 0.05)	0.446	1.90E-05	-0.037	0.029	0.198	-0.04 (-0.09, 0.02)	0.004	0.020	-0.009	0.027	0.746	-0.01 (-0.06, 0.04)	-0.026	0.027	0.336	-0.03 (-0.08, 0.03)
11363_58	AQP4	P55087	211	0.016	0.012	0.158	0.02 (-0.01, 0.04)	0.447	0.224	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)	0.005	3.31E-04	-0.002	0.019	0.901	-2.40e-03 (-0.04, 0.	-0.014	0.022	0.548	-0.01 (-0.06, 0.03)
18286_3	ZWINT	O95229	211	0.017	0.012	0.158	0.02 (-0.01, 0.04)	0.447	0.056	-0.040	0.025	0.115	-0.04 (-0.09, 0.01)	0.004	0.010	-0.018	0.022	0.408	-0.02 (-0.06, 0.02)	-0.013	0.022	0.547	-0.01 (-0.06, 0.03)
6991_24	FUT9	Q9Y231	211	0.018	0.013	0.158	0.02 (-0.01, 0.04)	0.447	0.013	-0.037	0.025	0.142	-0.04 (-0.09, 0.01)	0.003	0.012	-0.015	0.021	0.463	-0.02 (-0.06, 0.03)	-0.011	0.023	0.635	-0.01 (-0.06, 0.03)
11664_32	ARFGAP2	Q8N6H7	211	-0.017	0.012	0.159	-0.02 (-0.04, 0.01)	0.447	0.116	-0.053	0.025	0.037	-0.05 (-0.10, -3.52e-0	0.002	0.100	-0.049	0.021	0.021	-0.05 (-0.09, -0.01)	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)
12970_35	STAU2	Q9NUL3	211	0.018	0.013	0.158	0.02 (-0.01, 0.04)	0.447	0.015	-0.053	0.025	0.034	-0.05 (-0.10, -4.18e-0	0.004	0.001	-0.018	0.020	0.375	-0.02 (-0.06, 0.02)	-0.016	0.024	0.507	-0.02 (-0.06, 0.03)
13740_51	FRZB	Q92765	211	-0.021	0.015	0.159	-0.02 (-0.05, 0.01)	0.447	1.31E-07	-0.004	0.030	0.899	-3.87e-03 (-0.06, 0.06	-0.001	0.504	-0.041	0.022	0.066	-0.04 (-0.08, 2.63e-	-0.039	0.025	0.128	-0.04 (-0.09, 0.01)
14056_4	CGA	P01215	211	0.016	0.012	0.158	0.02 (-0.01, 0.04)	0.447	0.118	-0.017	0.024	0.478	-0.02 (-0.07, 0.03)	0.002	0.111	0.008	0.023	0.716	0.01 (-0.04, 0.05)	0.003	0.022	0.895	2.95e-03 (-0.04, 0.05)
17432_25	AK4	P27144	211	0.019	0.013	0.159	0.02 (-0.01, 0.04)	0.447	0.007	-0.052	0.026	0.043	-0.05 (-0.10, -1.92e-0	0.004	0.002	0.004	0.023	0.861	3.96e-03 (-0.04, 0.0	0.005	0.022	0.823	5.00e-03 (-0.04, 0.05)
17450_51	HARS	P12081	211	-0.017	0.012	0.159	-0.02 (-0.04, 0.01)	0.447	0.093	-0.045	0.025	0.075	-0.04 (-0.09, 4.36e-03	0.002	0.197	-0.066	0.022	0.002	-0.07 (-0.11, -0.02)	-0.069	0.028	0.013	-0.07 (-0.12, -0.01)
19327_31	HAT1	O14929	211	0.020	0.014	0.158	0.02 (-0.01, 0.05)	0.447	7.26E-05	-0.032	0.028	0.260	-0.03 (-0.09, 0.02)	0.003	0.034	0.016	0.025	0.532	0.02 (-0.03, 0.07)	0.034	0.025	0.180	0.03 (-0.02, 0.08)
4359_87	DYRK3	O43781	211	0.017	0.012	0.159	0.02 (-0.01, 0.04)	0.447	0.111	-0.051	0.024	0.037	-0.05 (-0.10, -3.27e-0	0.004	0.001	-0.009	0.022	0.678	-0.01 (-0.05, 0.03)	-0.008	0.023	0.721	-0.01 (-0.05, 0.04)
5599_88	PCYOX1L	Q8NBM8	211	0.018	0.013	0.159	0.02 (-0.01, 0.04)	0.447	0.042	-0.021	0.025	0.402	-0.02 (-0.07, 0.03)	0.002	0.074	-0.010	0.021	0.620	-0.01 (-0.05, 0.03)	-0.020	0.023	0.385	-0.02 (-0.06, 0.02)
14054_17	IL15RA	Q13261	211	0.019	0.014	0.159	0.02 (-0.01, 0.05)	0.447	0.010	0.025	0.028	0.359	0.03 (-0.03, 0.08)	0.000	0.803	0.013	0.026	0.625	0.01 (-0.04, 0.06)	0.001	0.028	0.960	1.40e-03 (-0.05, 0.06)
16932_5	SULT1E1	P49888	211	0.018	0.013	0.160	0.02 (-0.01, 0.04)	0.448	0.046	-0.019	0.025	0.433	-0.02 (-0.07, 0.03)	0.002	0.085	0.014	0.024	0.569	0.01 (-0.03, 0.06)	0.036	0.026	0.173	0.04 (-0.02, 0.09)
2637_77	MRC1	P22897	211	0.019	0.013	0.160	0.02 (-0.01, 0.05)	0.449	0.003	-0.043	0.027	0.107	-0.04 (-0.10, 0.01)	0.004	0.008	-0.009	0.022	0.693	-0.01 (-0.05, 0.03)	-0.015	0.025	0.547	-0.02 (-0.06, 0.03)
15588_17	GLA	P06280	211	0.018	0.013	0.160	0.02 (-0.01, 0.04)	0.449	0.026	-0.029	0.026	0.259	-0.03 (-0.08, 0.02)	0.003	0.033	-0.014	0.024	0.553	-0.01 (-0.06, 0.03)	-0.027	0.025	0.284	-0.03 (-0.08, 0.02)
7082_2	B3GNT6	Q6ZMB0	211	0.018	0.013	0.160	0.02 (-0.01, 0.04)	0.449	0.041	-0.044	0.025	0.078	-0.04 (-0.09, 4.79e-03	0.004	0.004	-0.008	0.021	0.691	-0.01 (-0.05, 0.03)	-0.008	0.025	0.762	-0.01 (-0.06, 0.04)
12376_85	CDKN2D	P55273	211	-0.018	0.013	0.160	-0.02 (-0.04, 0.01)	0.450	0.034	-0.054	0.026	0.038	-0.05 (-0.11, -3.43e-0	0.002	0.111	-0.056	0.023	0.014	-0.06 (-0.10, -0.01)	-0.054	0.025	0.032	-0.05 (-0.10, -0.01)
12543_76	ZNF560	Q96MR9	211	0.016	0.011	0.161	0.02 (-0.01, 0.04)	0.450	0.388	-0.004	0.022	0.860	-3.96e-03 (-0.05, 0.04	0.001	0.304	0.001	0.024	0.978	6.50e-04 (-0.05, 0.0	-0.001	0.023	0.977	-6.68e-04 (-0.05, 0.04)
2987_37	HIST1H1C	P16403	211	-0.018	0.013	0.161	-0.02 (-0.04, 0.01)	0.452	0.039	-0.073	0.025	0.004	-0.07 (-0.12, -0.02)	0.003	0.013	-0.049	0.019	0.012	-0.05 (-0.09, -0.01)	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)
13422_66	ENOX2	Q16206	211	0.019	0.013	0.162	0.02 (-0.01, 0.05)	0.452	0.001	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)	0.005	0.001	-0.017	0.020	0.410	-0.02 (-0.06, 0.02)	-0.027	0.024	0.263	-0.03 (-0.07, 0.02)
8775_61	FAM24B	Q8N5W8	211	0.016	0.012	0.162	0.02 (-0.01, 0.04)	0.452	0.221	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)	0.003	0.009	-0.005	0.021	0.808	-0.01 (-0.05, 0.04)	-0.009	0.022	0.689	-0.01 (-0.05, 0.03)
11071_1	IL5	P05113	211	0.018	0.013	0.162	0.02 (-0.01, 0.04)	0.452	0.020	-0.044	0.025	0.078	-0.04 (-0.09, 4.56e-03	0.004	0.004	-0.009	0.020	0.652	-0.01 (-0.05, 0.03)	-0.008	0.023	0.728	-0.01 (-0.05, 0.04)
3738_54	CSF1	P09603	211	0.018	0.013	0.162	0.02 (-0.01, 0.04)	0.453	0.023	-0.035	0.025	0.168	-0.03 (-0.08, 0.01)	0.003	0.016	-0.009	0.020	0.655	-0.01 (-0.05, 0.03)	-0.014	0.026	0.571	-0.01 (-0.06, 0.04)
4995_16	HPGD	P15428	211	0.016	0.012	0.162	0.02 (-0.01, 0.04)	0.453	0.194	-0.047	0.024	0.050	-0.05 (-0.09, -1.93e-0	0.004	0.002	-0.010	0.018	0.592	-0.01 (-0.05, 0.03)	-0.029	0.024	0.224	-0.03 (-0.08, 0.02)
5742_14	ACP6	Q9NPH0	211	0.017	0.012	0.162	0.02 (-0.01, 0.04)	0.453	0.033	0.032	0.024	0.194	0.03 (-0.02, 0.08)	-0.001	0.483	0.002	0.022	0.918	2.27e-03 (-0.04, 0.0	-0.004	0.024	0.875	-3.78e-03 (-0.05, 0.04)
10618_190	LRP2	P98164	211	0.018	0.013	0.163	0.02 (-0.01, 0.04)	0.454	0.027	-0.056	0.025	0.024	-0.06 (-0.10, -0.01)	0.005	0.001	-0.011	0.019	0.582	-0.01 (-0.05, 0.03)	-0.044	0.026	0.094	-0.04 (-0.10, 0.01)
11334_7	LILRB3	O75022	211	0.016	0.012	0.164	0.02 (-0.01, 0.04)	0.454	0.382	-0.058	0.023	0.013	-0.06 (-0.10, -0.01)	0.005	2.60E-04	-0.005	0.019	0.779	-0.01 (-0.04, 0.03)	-0.025	0.022	0.254	-0.03 (-0.07, 0.02)
13554_78	REPIN1	Q9BWE0	211	0.018	0.013	0.164	0.02 (-0.01, 0.04)	0.454	0.017	-0.023	0.025	0.356	-0.02 (-0.07, 0.03)	0.003	0.060	-0.009	0.021	0.672	-0.01 (-0.05, 0.03)	-0.005	0.023	0.822	-0.01 (-0.05, 0.04)
15325_14	GAP43	P17677	211	-0.018	0.013	0.164	-0.02 (-0.04, 0.01)	0.454	0.045	-0.031	0.026	0.234	-0.03 (-0.08, 0.02)	0.001	0.570	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)	-0.056	0.026	0.034	-0.06 (-0.11, -4.63e-03)
18290_6	ANXA8	P13928	211	0.018	0.013	0.164	0.02 (-0.01, 0.04)	0.454	0.019	-0.051	0.025	0.044	-0.05 (-0.10, -1.68e-0	0.004	0.002	0.008	0.022	0.703	0.01 (-0.03, 0.05)	0.011	0.022	0.620	0.01 (-0.03, 0.05)
18943_4	PTGR2	Q8N8N7	211	0.019	0.014	0.163	0.02 (-0.01, 0.05)	0.454	0.002	-0.052	0.026	0.048	-0.05 (-0.10, -7.89e-0	0.004	0.002	-0.014	0.022	0.519	-0.01 (-0.06, 0.03)	-0.007	0.023	0.780	-0.01 (-0.05, 0.04)
19187_21	STAMBP	O95630	211	-0.017	0.012	0.163	-0.02 (-0.04, 0.01)	0.454	0.142	-0.040	0.025	0.106	-0.04 (-0.09, 0.01)	0.001	0.270	-0.050	0.021	0.018	-0.05 (-0.09, -0.01)	-0.056	0.026	0.030	-0.06 (-0.11, -0.01)
7766_25	ZP4	Q12836	211	0.019	0.013	0.163	0.02 (-0.01, 0.04)	0.454	0.006	-0.055	0.026	0.034	-0.06 (-0.11, -4.51e-0	0.005	0.001	0.004	0.020	0.838	4.00e-03 (-0.03, 0.0	-0.009	0.022	0.676	-0.01 (-0.05, 0.03)
9128_34	FLRT3	Q9NZU0	211	0.016	0.012	0.163	0.02 (-0.01, 0.04)	0.454	0.203	-0.040	0.024	0.098	-0.04 (-0.09, 0.01)	0.004	0.007	-0.012	0.022	0.568	-0.01 (-0.05, 0.03)	-0.007	0.025	0.786	-0.01 (-0.06, 0.04)
9582_93	SUSD1	Q6UWL2	211	0.016	0.012	0.163	0.02 (-0.01, 0.04)	0.454	0.200	-0.036	0.024	0.126	-0.04 (-0.08, 0.01)	0.003	0.011	-0.008	0.021	0.712	-0.01 (-0.05, 0.03)	-0.010	0.023	0.675	-0.01 (-0.05, 0.04)
9930_48	GABBR2	O75899	211	0.016	0.012	0.163	0.02 (-0.01, 0.04)	0.454	0.113	-0.043	0.024	0.070	-0.04 (-0.09, 3.35e-03	0.004	0.004	-0.007	0.021	0.749	-0.01 (-0.05, 0.03)	-0.009	0.022	0.697	-0.01 (-0.05, 0.03)
3173_49	NAAA	Q02083	211	0.023	0.017	0.164	0.02 (-0.01, 0.06)	0.454	2.31E-22	-0.015	0.033	0.651	-0.01 (-0.08, 0.05)	0.002	0.182	-0.021	0.019	0.283	-0.02 (-0.06, 0.02)	-0.025	0.022	0.250	-0.03 (-0.07, 0.02)
10339_48	ENO2	P09104	211	-0.019	0.013	0.164	-0.02 (-0.05, 0.01)	0.455	0.009	-0.051	0.027	0.055	-0.05 (-0.10, 7.59e-04	0.002	0.157	-0.036	0.025	0.150	-0.04 (-0.08, 0.01)	-0.026	0.025	0.297	-0.03 (-0.08, 0.02)
5005_4	MAPK12	P53778	211	-0.017	0.012	0.165	-0.02 (-0.04, 0.01)	0.456	0.506	-0.062	0.024	0.009	-0.06 (-0.11, -0.02)	0.003	0.027	-0.034	0.022	0.121	-0.03 (-0.08, 0.01)	-0.039	0.027	0.146	-0.04 (-0.09, 0.01)
9543_131	COG8	Q96MW5	211	0.016	0.012	0.165	0.02 (-0.01, 0.04)	0.456	0.191	-0.052	0.023	0.028	-0.05 (-0.10, -0.01)	0.004	0.001	-0.019	0.020	0.360	-0.02 (-0.06, 0.02)	-0.028	0.021	0.195	-0.03 (-0.07, 0.01)
9937_7	GJA1	P17302	211	0.016	0.012	0.165	0.02 (-0.01, 0.04)	0.456	0.361	-0.049	0.023	0.037	-0.05 (-0.09, -3.27e-0	0.004	0.001	-0.023	0.021	0.269	-0.02 (-0.06, 0.02)	-0.018	0.023	0.441	-0.02 (-0.06, 0.03)
13082_9	UNC45A	Q9H3U1	211	-0.017	0.012	0.165	-0.02 (-0.04, 0.01)	0.457	0.066	-0.043	0.026	0.094	-0.04 (-0.09, 0.01)	0.002	0.235	-0.049	0.020	0.014	-0.05 (-0.09, -0.01)	-0.067	0.024	0.007	-0.07 (-0.11, -0.02)
13700_10	ANXA2	P07355	211	-0.016	0.012	0.165	-0.02 (-0.04, 0.01)	0.457	0.104	-0.080	0.024	0.001	-0.08 (-0.13, -0.03)	0.004	0.003	-0.040	0.019	0.034	-0.04 (-0.08, -3.01e-	-0.043	0.024	0.073	-0.04 (-0.09, 3.77e-03)
7076_17	ECEL1	O95672	211	0.016	0.012	0.165	0.02 (-0.01, 0.04)	0.457	0.068	-0.030	0.025	0.226	-0.03 (-0.08, 0.02)	0.003	0.031	-0.001	0.020	0.966	-8.41e-04 (-0.04, 0.	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)
2809_25	ADAMTS4	O75173	211	0.016	0.012	0.166	0.02 (-0.01, 0.04)	0.457	0.111	-0.033	0.024	0.166	-0.03 (-0.08, 0.01)	0.003	0.017	-0.003	0.024	0.902	-2.95e-03 (-0.05, 0.	0.001	0.023	0.978	6.37e-04 (-0.04, 0.05)
9864_38	TTC1	Q99614	211	-0.017	0.012	0.166	-0.02 (-0.04, 0.01)	0.457	0.090	-0.044	0.026	0.084	-0.04 (-0.09, 0.01)	0.002	0.212	-0.056	0.021	0.008	-0.06 (-0.10, -0.01)	-0.061	0.025	0.016	-0.06 (-0.11, -0.01)
8957_72	ERLEC1	Q96DZ1	211	0.016	0.012	0.166	0.02 (-0.01, 0.04)	0.458	0.082	-0.035	0.024	0.156	-0.03 (-0.08, 0.01)	0.003	0.017	-0.021	0.023	0.375	-0.02 (-0.07, 0.03)	-0.034	0.023	0.140	-0.03 (-0.08, 0.01)
7742_11	RNF148	Q8N7C7	211	0.016	0.012	0.167	0.02 (-0.01, 0.04)	0.459	0.098	-0.018	0.024	0.457	-0.02 (-0.07, 0.03)	0.002	0.106	-0.014	0.023	0.534	-0.01 (-0.06, 0.03)	-0.006	0.023	0.799	-0.01 (-0.05, 0.04)
12658_72	PANK3	Q9H999	211	0.018	0.013	0.168	0.02 (-0.01, 0.04)	0.461	0.012	-0.037	0.026	0.153	-0.04 (-0.09, 0.01)	0.003	0.014	-0.021	0.021	0.298	-0.02 (-0.06, 0.02)	-0.021	0.024	0.371	-0.02 (-0.07, 0.03)
18415_16	ARL6	Q9H0F7	211	0.018	0.013	0.168	0.02 (-0.01, 0.04)	0.461	0.038	-0.045	0.025	0.071	-0.05 (-0.09, 3.64e-03	0.004	0.004	0.010	0.020	0.637	0.01 (-0.03, 0.05)	-0.020	0.025	0.433	-0.02 (-0.07, 0.03)
5748_20	ASAH1	Q13510	211	-0.016	0.012	0.168	-0.02 (-0.04, 0.01)	0.461	0.112	-0.049	0.025	0.049	-0.05 (-0.10, -4.48e-0	0.002	0.128	-0.045	0.024	0.058	-0.04 (-0.09, 1.46e-	-0.049	0.024	0.040	-0.05 (-0.10, -2.50e-03)
8055_33	DGCR2	P98153	211	0.016	0.012	0.168	0.02 (-0.01, 0.04)	0.461	0.385	-0.020	0.024	0.397	-0.02 (-0.07, 0.03)	0.002	0.077	-0.007	0.023	0.771	-0.01 (-0.05, 0.04)	0.003	0.022	0.902	2.73e-03 (-0.04, 0.05)
12815_9	IARS	P41252	211	0.016	0.012	0.168	0.02 (-0.01, 0.04)	0.462	0.070	-0.032	0.024	0.197	-0.03 (-0.08, 0.02)	0.003	0.025	-0.009	0.022	0.675	-0.01 (-0.05, 0.03)	-0.009	0.022	0.692	-0.01 (-0.05, 0.03)
5102_55	MICB	Q29980	211	0.018	0.013	0.168	0.02 (-0.01, 0.04)	0.462	4.56E-05	0.008	0.027	0.752	0.01 (-0.04, 0.06)	0.001	0.666	0.011	0.022	0.619	0.01 (-0.03, 0.05)	0.016	0.023	0.490	0.02 (-0.03, 0.06)
12993_21	NPLOC4	Q8TAT6	211	-0.017	0.012	0.168	-0.02 (-0.04, 0.01)	0.462	0.061	-0.038	0.026	0.144	-0.04 (-0.09, 0.01)	0.001	0.344	-0.040	0.022	0.069	-0.04 (-0.08, 3.09e-	-0.035	0.026	0.172	-0.04 (-0.09, 0.02)
10011_65	OCRL	Q01968	211	0.019	0.014	0.169	0.02 (-0.01, 0.05)	0.463	0.001	-0.040	0.029	0.167	-0.04 (-0.10, 0.02)	0.004	0.020	0.005	0.024	0.818	0.01 (-0.04, 0.05)	0.006	0.024	0.805	0.01 (-0.04, 0.05)
12715_30	DCP1B	Q8IZD4	211	-0.016	0.011	0.169	-0.02 (-0.04, 0.01)	0.463	0.167	-0.046	0.024	0.052	-0.05 (-0.09, 1.40e-04	0.002	0.137	-0.041	0.023	0.070	-0.04 (-0.09, 3.33e-	-0.037	0.024	0.116	-0.04 (-0.08, 0.01)
17466_72	ACSF2	Q96CM8	211	-0.016	0.012	0.169	-0.02 (-0.04, 0.01)	0.463	0.187	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)	0.003	0.026	-0.044	0.022	0.048	-0.04 (-0.09, -4.46e-	-0.045	0.025	0.073	-0.05 (-0.09, 3.93e-03)
5087_5	IL22RA2	Q969J5	211	0.019	0.014	0.169	0.02 (-0.01, 0.05)	0.463	0.001	0.010	0.028	0.728	0.01 (-0.05, 0.07)	0.001	0.692	-0.008	0.021	0.707	-0.01 (-0.05, 0.03)	-0.009	0.027	0.746	-0.01 (-0.06, 0.04)
7016_12	GCNT1	Q02742	211	0.016	0.012	0.169	0.02 (-0.01, 0.04)	0.463	0.361	-0.007	0.023	0.776	-0.01 (-0.05, 0.04)	0.001	0.265	0.003	0.022	0.889	3.03e-03 (-0.04, 0.0	0.007	0.026	0.782	0.01 (-0.04, 0.06)
8794_13	DPEP1	P16444	211	0.016	0.012	0.169	0.02 (-0.01, 0.04)	0.463	0.090	0.021	0.025	0.397	0.02 (-0.03, 0.07)	0.000	0.818	0.032	0.022	0.147	0.03 (-0.01, 0.07)	0.033	0.028	0.239	0.03 (-0.02, 0.09)
13745_10	PKD2	Q13563	211	0.016	0.012	0.170	0.02 (-0.01, 0.04)	0.463	0.514	-0.020	0.023	0.403	-0.02 (-0.07, 0.03)	0.002	0.079	0.001	0.024	0.983	5.17e-04 (-0.05, 0.0	-0.009	0.024	0.720	-0.01 (-0.06, 0.04)
18329_4	PRPS2	P11908	211	0.016	0.012	0.170	0.02 (-0.01, 0.04)	0.463	0.063	-0.017	0.025	0.492	-0.02 (-0.07, 0.03)	0.002	0.123	-0.023	0.020	0.247	-0.02 (-0.06, 0.02)	-0.024	0.023	0.290	-0.02 (-0.07, 0.02)
12563_2	TNFAIP8	O95379	211	-0.016	0.012	0.170	-0.02 (-0.04, 0.01)	0.464	0.203	-0.042	0.024	0.083	-0.04 (-0.09, 0.01)	0.002	0.213	-0.031	0.024	0.195	-0.03 (-0.08, 0.02)	-0.032	0.025	0.195	-0.03 (-0.08, 0.02)
17397_8	HSD17B11	Q8NBQ5	211	0.016	0.012	0.170	0.02 (-0.01, 0.04)	0.465	0.345	-0.012	0.023	0.593	-0.01 (-0.06, 0.03)	0.002	0.158	0.004	0.024	0.876	3.70e-03 (-0.04, 0.0	0.009	0.026	0.730	0.01 (-0.04, 0.06)
8803_61	PVRL1	Q15223	211	0.016	0.012	0.171	0.02 (-0.01, 0.04)	0.465	0.501	-0.047	0.023	0.043	-0.05 (-0.09, -1.70e-0	0.004	0.002	0.000	0.021	1.000	0.00e+00 (-0.04, 0.	-0.006	0.025	0.814	-0.01 (-0.06, 0.04)
9993_11	ZNF264	O43296	211	0.016	0.012	0.171	0.02 (-0.01, 0.04)	0.465	0.232	-0.042	0.024	0.077	-0.04 (-0.09, 4.35e-03	0.004	0.005	-0.020	0.020	0.323	-0.02 (-0.06, 0.02)	-0.019	0.023	0.417	-0.02 (-0.07, 0.03)
12709_63	H1FX	Q92522	211	-0.018	0.013	0.171	-0.02 (-0.04, 0.01)	0.465	0.034	-0.059	0.026	0.024	-0.06 (-0.11, -0.01)	0.003	0.069	-0.044	0.020	0.028	-0.04 (-0.08, -4.69e-	-0.056	0.026	0.032	-0.06 (-0.11, -0.01)
15608_5	RPS6KB1	P23443	211	-0.016	0.012	0.171	-0.02 (-0.04, 0.01)	0.465	0.070	-0.036	0.025	0.160	-0.04 (-0.09, 0.01)	0.001	0.375	-0.041	0.024	0.088	-0.04 (-0.09, 0.01)	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)
18868_7	CBX3	Q13185	211	-0.016	0.012	0.171	-0.02 (-0.04, 0.01)	0.465	0.197	-0.044	0.024	0.072	-0.04 (-0.09, 3.63e-03	0.002	0.187	-0.043	0.023	0.068	-0.04 (-0.09, 3.10e-	-0.054	0.023	0.018	-0.05 (-0.10, -0.01)
5231_79	PCSK9	Q8NBP7	211	0.023	0.017	0.171	0.02 (-0.01, 0.06)	0.465	3.32E-14	0.028	0.033	0.403	0.03 (-0.04, 0.09)	0.000	0.862	0.043	0.021	0.041	0.04 (1.75e-03, 0.0	0.041	0.024	0.097	0.04 (-0.01, 0.09)
7145_1	ITIH3	Q06033	211	-0.021	0.015	0.171	-0.02 (-0.05, 0.01)	0.465	7.06E-15	0.001	0.028	0.964	1.26e-03 (-0.05, 0.06)	-0.001	0.350	0.000	0.022	1.000	0.00e+00 (-0.04, 0.	-0.001	0.020	0.950	-1.27e-03 (-0.04, 0.04)
13421_17	TMEM167B	Q9NRX6	211	0.016	0.012	0.171	0.02 (-0.01, 0.04)	0.465	0.177	-0.036	0.024	0.129	-0.04 (-0.08, 0.01)	0.003	0.012	-0.011	0.020	0.588	-0.01 (-0.05, 0.03)	-0.011	0.023	0.613	-0.01 (-0.06, 0.03)
15437_11	RAMP3	O60896	211	0.016	0.012	0.172	0.02 (-0.01, 0.04)	0.466	0.302	-0.054	0.023	0.019	-0.05 (-0.10, -0.01)	0.004	0.001	-0.007	0.020	0.728	-0.01 (-0.05, 0.03)	-0.021	0.023	0.348	-0.02 (-0.07, 0.02)
15610_72	LAP3	P28838	211	-0.016	0.012	0.172	-0.02 (-0.04, 0.01)	0.466	0.251	-0.031	0.024	0.204	-0.03 (-0.08, 0.02)	0.001	0.483	-0.034	0.025	0.171	-0.03 (-0.08, 0.01)	-0.028	0.025	0.263	-0.03 (-0.08, 0.02)
17380_2	UBE2K	P61086	211	-0.018	0.013	0.172	-0.02 (-0.04, 0.01)	0.467	0.045	-0.036	0.026	0.162	-0.04 (-0.09, 0.01)	0.001	0.410	-0.047	0.023	0.039	-0.05 (-0.09, -2.30e-	-0.047	0.026	0.075	-0.05 (-0.10, 4.38e-03)
10044_12	WNT10A	Q9GZT5	211	0.018	0.013	0.173	0.02 (-0.01, 0.04)	0.467	0.002	-0.058	0.026	0.025	-0.06 (-0.11, -0.01)	0.005	0.001	-0.004	0.020	0.825	-4.45e-03 (-0.04, 0.	-0.008	0.024	0.723	-0.01 (-0.06, 0.04)
11677_17	ZDHHC14	Q8IZN3	211	0.016	0.012	0.173	0.02 (-0.01, 0.04)	0.467	0.189	-0.024	0.024	0.321	-0.02 (-0.07, 0.02)	0.002	0.057	-0.011	0.021	0.610	-0.01 (-0.05, 0.03)	-0.010	0.024	0.693	-0.01 (-0.06, 0.04)
16923_20	PFN2	P35080	211	0.016	0.012	0.173	0.02 (-0.01, 0.04)	0.467	0.092	-0.021	0.024	0.389	-0.02 (-0.07, 0.03)	0.002	0.081	-0.006	0.021	0.772	-0.01 (-0.05, 0.03)	-0.016	0.023	0.487	-0.02 (-0.06, 0.03)
17336_54	CREB3L2	Q70SY1	211	0.016	0.011	0.173	0.02 (-0.01, 0.04)	0.467	0.133	-0.002	0.024	0.945	-1.65e-03 (-0.05, 0.05	0.001	0.407	-0.014	0.022	0.523	-0.01 (-0.06, 0.03)	-0.017	0.023	0.454	-0.02 (-0.06, 0.03)
17355_56	SYT4	Q9H2B2	211	0.017	0.013	0.173	0.02 (-0.01, 0.04)	0.467	0.026	-0.035	0.025	0.171	-0.03 (-0.08, 0.01)	0.003	0.018	-0.012	0.018	0.507	-0.01 (-0.05, 0.02)	-0.025	0.024	0.298	-0.02 (-0.07, 0.02)
19614_8	TCN1	P20061	211	0.017	0.012	0.173	0.02 (-0.01, 0.04)	0.467	0.222	-0.045	0.024	0.067	-0.04 (-0.09, 2.94e-03	0.004	0.004	-0.010	0.020	0.628	-0.01 (-0.05, 0.03)	-0.016	0.024	0.509	-0.02 (-0.06, 0.03)
7740_33	FATE1	Q969F0	211	0.016	0.012	0.173	0.02 (-0.01, 0.04)	0.467	0.519	-0.039	0.023	0.101	-0.04 (-0.08, 0.01)	0.003	0.008	0.002	0.020	0.913	2.13e-03 (-0.04, 0.0	-0.008	0.024	0.721	-0.01 (-0.05, 0.04)
8484_24	LEP	P41159	211	0.026	0.019	0.173	0.03 (-0.01, 0.06)	0.467	3.15E-25	-0.102	0.036	0.006	-0.10 (-0.17, -0.03)	0.008	6.95E-05	-0.007	0.024	0.766	-0.01 (-0.05, 0.04)	-0.015	0.026	0.556	-0.02 (-0.07, 0.04)
12659_13	OLA1	Q9NTK5	211	-0.016	0.012	0.173	-0.02 (-0.04, 0.01)	0.467	0.077	-0.047	0.025	0.064	-0.05 (-0.10, 2.44e-03	0.002	0.160	-0.037	0.020	0.059	-0.04 (-0.08, 1.42e-	-0.051	0.023	0.029	-0.05 (-0.10, -0.01)
15324_58	FTL	P02792	211	0.018	0.014	0.174	0.02 (-0.01, 0.04)	0.468	0.012	-0.014	0.027	0.602	-0.01 (-0.07, 0.04)	0.002	0.162	-0.038	0.021	0.073	-0.04 (-0.08, 3.52e-	-0.033	0.027	0.217	-0.03 (-0.09, 0.02)
19255_124	NXT2	Q9NPJ8	211	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.468	0.206	-0.025	0.024	0.292	-0.02 (-0.07, 0.02)	0.003	0.048	0.000	0.019	0.999	2.14e-05 (-0.04, 0.0	-0.008	0.026	0.749	-0.01 (-0.06, 0.04)
5063_12	CD244	Q9BZW8	211	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.468	0.533	0.007	0.023	0.777	0.01 (-0.04, 0.05)	0.001	0.643	-0.003	0.019	0.859	-3.39e-03 (-0.04, 0.	-0.005	0.025	0.854	-4.68e-03 (-0.05, 0.05)
17769_28	PCNP	Q8WW12	211	-0.018	0.013	0.174	-0.02 (-0.04, 0.01)	0.468	0.047	-0.046	0.026	0.073	-0.05 (-0.10, 4.03e-03	0.002	0.198	-0.048	0.022	0.026	-0.05 (-0.09, -0.01)	-0.049	0.024	0.040	-0.05 (-0.10, -2.57e-03)
19491_11	HSD17B8	Q92506	211	0.021	0.016	0.174	0.02 (-0.01, 0.05)	0.468	6.93E-11	-0.019	0.031	0.543	-0.02 (-0.08, 0.04)	0.003	0.134	0.014	0.025	0.560	0.01 (-0.03, 0.06)	0.004	0.024	0.877	3.65e-03 (-0.04, 0.05)
19590_46	SFTPD	P35247	211	0.023	0.017	0.174	0.02 (-0.01, 0.06)	0.468	4.09E-23	0.068	0.035	0.051	0.07 (1.92e-04, 0.14)	-0.003	0.139	0.038	0.023	0.092	0.04 (-0.01, 0.08)	0.048	0.025	0.060	0.05 (-1.73e-03, 0.10)
5002_76	MMP14	P50281	211	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.468	0.080	-0.012	0.025	0.625	-0.01 (-0.06, 0.04)	0.002	0.192	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)	0.011	0.024	0.637	0.01 (-0.04, 0.06)
7930_3	EXOSC1	Q9Y3B2	211	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.468	0.379	-0.050	0.023	0.032	-0.05 (-0.10, -4.76e-0	0.004	0.001	-0.010	0.020	0.628	-0.01 (-0.05, 0.03)	-0.011	0.023	0.621	-0.01 (-0.06, 0.03)
8252_2	NOTUM	Q6P988	211	0.024	0.018	0.175	0.02 (-0.01, 0.06)	0.468	1.34E-19	-0.047	0.034	0.174	-0.05 (-0.11, 0.02)	0.004	0.018	0.025	0.025	0.330	0.02 (-0.03, 0.07)	0.023	0.025	0.367	0.02 (-0.03, 0.07)
10511_10	COL6A3	P12111	211	-0.016	0.012	0.176	-0.02 (-0.04, 0.01)	0.469	0.053	-0.076	0.028	0.007	-0.08 (-0.13, -0.02)	0.003	0.018	-0.003	0.020	0.887	-2.79e-03 (-0.04, 0.	0.002	0.029	0.943	2.07e-03 (-0.06, 0.06)
10527_22	DHX9	Q08211	211	0.018	0.013	0.176	0.02 (-0.01, 0.04)	0.469	0.013	-0.046	0.025	0.071	-0.05 (-0.10, 3.63e-03	0.004	0.004	-0.001	0.021	0.967	-8.78e-04 (-0.04, 0.	-0.008	0.023	0.731	-0.01 (-0.05, 0.04)
10704_91	LRMP	Q12912	211	0.015	0.011	0.176	0.02 (-0.01, 0.04)	0.469	0.331	-0.001	0.023	0.970	-8.68e-04 (-0.05, 0.04	0.001	0.416	0.017	0.022	0.445	0.02 (-0.03, 0.06)	0.013	0.023	0.558	0.01 (-0.03, 0.06)
11270_17	CHCHD10	Q8WYQ3	211	0.018	0.013	0.175	0.02 (-0.01, 0.04)	0.469	0.009	-0.065	0.025	0.009	-0.07 (-0.11, -0.02)	0.005	1.56E-04	-0.008	0.023	0.741	-0.01 (-0.05, 0.04)	0.000	0.024	1.000	9.38e-06 (-0.05, 0.05)
11328_9	USB1	Q9BQ65	211	0.016	0.012	0.176	0.02 (-0.01, 0.04)	0.469	0.104	-0.044	0.024	0.068	-0.04 (-0.09, 3.06e-03	0.004	0.004	-0.018	0.022	0.410	-0.02 (-0.06, 0.02)	-0.020	0.024	0.398	-0.02 (-0.07, 0.03)
12956_40	KIAA1279	Q96EK5	211	-0.018	0.013	0.175	-0.02 (-0.04, 0.01)	0.469	0.035	-0.038	0.026	0.148	-0.04 (-0.09, 0.01)	0.001	0.374	-0.047	0.022	0.033	-0.05 (-0.09, -3.74e-	-0.050	0.025	0.048	-0.05 (-0.10, -6.43e-04)
13090_17	S100A6	P06703	211	-0.018	0.013	0.176	-0.02 (-0.04, 0.01)	0.469	0.043	-0.051	0.026	0.051	-0.05 (-0.10, 3.53e-05	0.002	0.141	-0.035	0.025	0.156	-0.04 (-0.08, 0.01)	-0.037	0.025	0.133	-0.04 (-0.09, 0.01)
15619_49	MOG	Q16653	211	0.016	0.012	0.175	0.02 (-0.01, 0.04)	0.469	0.207	0.005	0.024	0.829	0.01 (-0.04, 0.05)	0.001	0.611	-0.010	0.020	0.612	-0.01 (-0.05, 0.03)	-0.012	0.024	0.615	-0.01 (-0.06, 0.03)
17170_15	CALCB	P10092	211	0.016	0.012	0.176	0.02 (-0.01, 0.04)	0.469	0.103	0.009	0.025	0.718	0.01 (-0.04, 0.06)	0.000	0.744	0.023	0.022	0.297	0.02 (-0.02, 0.07)	0.017	0.024	0.486	0.02 (-0.03, 0.06)
17509_6	HPD	P32754	211	0.018	0.014	0.176	0.02 (-0.01, 0.04)	0.469	0.001	-0.004	0.027	0.887	-3.82e-03 (-0.06, 0.05	0.001	0.340	-0.008	0.024	0.734	-0.01 (-0.05, 0.04)	-0.013	0.024	0.601	-0.01 (-0.06, 0.04)
5062_60	CD226	Q15762	211	0.016	0.012	0.175	0.02 (-0.01, 0.04)	0.469	0.297	-0.026	0.024	0.269	-0.03 (-0.07, 0.02)	0.003	0.040	-0.008	0.022	0.710	-0.01 (-0.05, 0.03)	-0.008	0.023	0.748	-0.01 (-0.05, 0.04)
5349_69	DLL1	O00548	211	0.018	0.014	0.175	0.02 (-0.01, 0.04)	0.469	0.008	-0.015	0.027	0.589	-0.01 (-0.07, 0.04)	0.002	0.158	-0.015	0.022	0.476	-0.02 (-0.06, 0.03)	-0.004	0.024	0.874	-3.73e-03 (-0.05, 0.04)
5707_55	ELK3	P41970	211	-0.016	0.012	0.175	-0.02 (-0.04, 0.01)	0.469	0.179	-0.052	0.025	0.036	-0.05 (-0.10, -3.56e-0	0.002	0.095	-0.046	0.022	0.036	-0.05 (-0.09, -3.00e-	-0.047	0.025	0.056	-0.05 (-0.10, 8.50e-04)
7752_31	CLEC4D	Q8WXI8	211	0.018	0.013	0.175	0.02 (-0.01, 0.04)	0.469	0.020	-0.037	0.025	0.143	-0.04 (-0.09, 0.01)	0.003	0.013	-0.005	0.024	0.829	-0.01 (-0.05, 0.04)	0.000	0.023	0.985	4.39e-04 (-0.05, 0.05)
8396_42	FAAH2	Q6GMR7	211	0.016	0.012	0.176	0.02 (-0.01, 0.04)	0.469	0.208	-0.006	0.024	0.787	-0.01 (-0.05, 0.04)	0.001	0.283	0.008	0.020	0.709	0.01 (-0.03, 0.05)	0.001	0.025	0.980	6.22e-04 (-0.05, 0.05)
8852_10	SUN3	Q8TAQ9	211	0.017	0.013	0.175	0.02 (-0.01, 0.04)	0.469	0.026	-0.028	0.025	0.270	-0.03 (-0.08, 0.02)	0.003	0.040	-0.006	0.022	0.772	-0.01 (-0.05, 0.04)	-0.004	0.025	0.884	-3.58e-03 (-0.05, 0.04)
19239_5	ARF1	P84077	211	-0.016	0.012	0.176	-0.02 (-0.04, 0.01)	0.469	0.746	0.006	0.023	0.790	0.01 (-0.04, 0.05)	-0.001	0.275	-0.025	0.023	0.276	-0.02 (-0.07, 0.02)	-0.016	0.023	0.482	-0.02 (-0.06, 0.03)
19200_16	NDUFA5	Q16718	211	0.016	0.012	0.177	0.02 (-0.01, 0.04)	0.469	0.127	-0.034	0.024	0.164	-0.03 (-0.08, 0.01)	0.003	0.019	-0.010	0.020	0.631	-0.01 (-0.05, 0.03)	-0.014	0.024	0.554	-0.01 (-0.06, 0.03)
8366_19	C1orf115	Q9H7X2	211	0.016	0.012	0.177	0.02 (-0.01, 0.04)	0.469	0.097	-0.038	0.025	0.126	-0.04 (-0.09, 0.01)	0.003	0.012	-0.010	0.020	0.618	-0.01 (-0.05, 0.03)	-0.020	0.024	0.423	-0.02 (-0.07, 0.03)
3401_8	PTPN2	P17706	211	0.016	0.012	0.177	0.02 (-0.01, 0.04)	0.470	0.232	-0.040	0.024	0.092	-0.04 (-0.09, 0.01)	0.004	0.007	-0.008	0.020	0.680	-0.01 (-0.05, 0.03)	-0.012	0.024	0.621	-0.01 (-0.06, 0.03)
19109_32	TCEAL8	Q8IYN2	211	0.016	0.012	0.177	0.02 (-0.01, 0.04)	0.470	0.136	-0.045	0.024	0.063	-0.04 (-0.09, 2.16e-03	0.004	0.004	-0.005	0.019	0.774	-0.01 (-0.04, 0.03)	-0.009	0.022	0.672	-0.01 (-0.05, 0.03)
6525_17	DUSP13	Q6B8I1	211	-0.016	0.012	0.177	-0.02 (-0.04, 0.01)	0.470	0.229	-0.043	0.024	0.074	-0.04 (-0.09, 4.00e-03	0.002	0.190	-0.029	0.024	0.238	-0.03 (-0.08, 0.02)	-0.023	0.024	0.334	-0.02 (-0.07, 0.02)
9923_6	SOS1	Q07889	211	0.016	0.012	0.177	0.02 (-0.01, 0.04)	0.470	0.226	-0.026	0.024	0.267	-0.03 (-0.07, 0.02)	0.003	0.041	-0.005	0.022	0.833	-4.55e-03 (-0.05, 0.	-0.002	0.023	0.945	-1.59e-03 (-0.05, 0.04)
14663_44	RNF8	O76064	211	0.019	0.014	0.177	0.02 (-0.01, 0.05)	0.470	2.30E-04	-0.054	0.027	0.047	-0.05 (-0.11, -9.31e-0	0.005	0.002	-0.005	0.020	0.803	-0.01 (-0.04, 0.03)	-0.022	0.025	0.379	-0.02 (-0.07, 0.03)
13946_8	DDX23	Q9BUQ8	211	0.016	0.012	0.178	0.02 (-0.01, 0.04)	0.470	0.277	-0.046	0.024	0.054	-0.05 (-0.09, 4.50e-04	0.004	0.003	-0.012	0.023	0.606	-0.01 (-0.06, 0.03)	-0.008	0.023	0.728	-0.01 (-0.05, 0.04)
17676_13	TRIP10	Q15642	211	-0.018	0.013	0.178	-0.02 (-0.04, 0.01)	0.470	0.048	-0.034	0.026	0.186	-0.03 (-0.09, 0.02)	0.001	0.453	-0.043	0.019	0.026	-0.04 (-0.08, -0.01)	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)
2977_7	EDAR	Q9UNE0	211	-0.018	0.013	0.178	-0.02 (-0.04, 0.01)	0.470	0.009	-0.034	0.027	0.199	-0.03 (-0.09, 0.02)	0.001	0.482	-0.041	0.023	0.075	-0.04 (-0.09, 4.13e-	-0.024	0.023	0.306	-0.02 (-0.07, 0.02)
5061_27	ICOSLG	O75144	211	-0.016	0.012	0.178	-0.02 (-0.04, 0.01)	0.471	0.094	-0.010	0.025	0.697	-0.01 (-0.06, 0.04)	0.000	0.775	-0.014	0.024	0.552	-0.01 (-0.06, 0.03)	-0.024	0.024	0.312	-0.02 (-0.07, 0.02)
10584_7	NDUFS4	O43181	211	0.015	0.011	0.179	0.02 (-0.01, 0.04)	0.471	1.24E-06	-0.047	0.022	0.033	-0.05 (-0.09, -4.15e-0	0.004	0.001	-0.011	0.019	0.573	-0.01 (-0.05, 0.03)	-0.019	0.018	0.284	-0.02 (-0.05, 0.02)
11608_5	MAP1LC3B	Q9GZQ8	211	-0.018	0.013	0.179	-0.02 (-0.04, 0.01)	0.471	0.038	-0.061	0.026	0.021	-0.06 (-0.11, -0.01)	0.003	0.058	-0.067	0.022	0.002	-0.07 (-0.11, -0.02)	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)
12759_47	ILF3	Q12906	211	0.017	0.013	0.179	0.02 (-0.01, 0.04)	0.471	0.025	-0.074	0.024	0.003	-0.07 (-0.12, -0.03)	0.006	2.49E-05	-0.001	0.019	0.944	-1.32e-03 (-0.04, 0.	-0.029	0.023	0.219	-0.03 (-0.07, 0.02)
12784_10	APBB3	O95704	211	0.016	0.012	0.179	0.02 (-0.01, 0.04)	0.471	0.083	-0.044	0.024	0.066	-0.04 (-0.09, 2.73e-03	0.004	0.004	-0.019	0.022	0.386	-0.02 (-0.06, 0.02)	-0.017	0.024	0.475	-0.02 (-0.06, 0.03)
18276_34	TCL1B	O95988	211	0.016	0.012	0.178	0.02 (-0.01, 0.04)	0.471	0.220	-0.054	0.024	0.023	-0.05 (-0.10, -0.01)	0.004	0.001	-0.016	0.020	0.424	-0.02 (-0.05, 0.02)	-0.018	0.023	0.426	-0.02 (-0.06, 0.03)
9767_22	RIPPLY1	Q0D2K3	211	0.016	0.012	0.178	0.02 (-0.01, 0.04)	0.471	0.058	-0.034	0.025	0.170	-0.03 (-0.08, 0.01)	0.003	0.020	-0.021	0.021	0.316	-0.02 (-0.06, 0.02)	-0.025	0.022	0.268	-0.02 (-0.07, 0.02)
10781_19	CLEC4G	Q6UXB4	211	0.019	0.014	0.179	0.02 (-0.01, 0.05)	0.472	0.001	-0.048	0.027	0.080	-0.05 (-0.10, 0.01)	0.004	0.005	-0.010	0.020	0.633	-0.01 (-0.05, 0.03)	-0.021	0.024	0.397	-0.02 (-0.07, 0.03)
8890_9	TMEM132B	Q14DG7	211	-0.016	0.012	0.179	-0.02 (-0.04, 0.01)	0.472	0.125	0.023	0.025	0.373	0.02 (-0.03, 0.07)	-0.002	0.077	0.011	0.023	0.641	0.01 (-0.04, 0.06)	0.014	0.025	0.573	0.01 (-0.04, 0.06)
15692_300	NODAL	Q96S42	211	0.017	0.013	0.179	0.02 (-0.01, 0.04)	0.472	0.033	-0.046	0.025	0.066	-0.05 (-0.09, 2.74e-03	0.004	0.004	-0.016	0.021	0.455	-0.02 (-0.06, 0.03)	-0.016	0.022	0.478	-0.02 (-0.06, 0.03)
8107_12	TMEM234	Q8WY98	211	0.015	0.012	0.179	0.02 (-0.01, 0.04)	0.472	0.383	-0.034	0.023	0.136	-0.03 (-0.08, 0.01)	0.003	0.013	-0.018	0.022	0.402	-0.02 (-0.06, 0.02)	-0.013	0.022	0.553	-0.01 (-0.06, 0.03)
7267_2	SPTLC2	O15270	211	0.016	0.012	0.180	0.02 (-0.01, 0.04)	0.472	0.386	-0.028	0.023	0.242	-0.03 (-0.07, 0.02)	0.003	0.034	-0.006	0.020	0.763	-0.01 (-0.05, 0.03)	0.000	0.022	0.997	8.28e-05 (-0.04, 0.04)
11570_94	BCAP29	Q9UHQ4	211	0.018	0.014	0.180	0.02 (-0.01, 0.04)	0.473	0.001	-0.049	0.027	0.067	-0.05 (-0.10, 3.19e-03	0.004	0.004	-0.014	0.023	0.543	-0.01 (-0.06, 0.03)	-0.005	0.024	0.836	-0.01 (-0.05, 0.04)
7887_57	COX5B	P10606	211	0.016	0.012	0.180	0.02 (-0.01, 0.04)	0.473	0.363	-0.031	0.023	0.184	-0.03 (-0.08, 0.01)	0.003	0.021	-0.017	0.021	0.416	-0.02 (-0.06, 0.02)	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)
4566_24	RSPO2	Q6UXX9	211	0.016	0.012	0.180	0.02 (-0.01, 0.04)	0.473	0.450	-0.030	0.023	0.193	-0.03 (-0.08, 0.02)	0.003	0.023	-0.005	0.021	0.827	-4.63e-03 (-0.05, 0.	-0.004	0.025	0.866	-4.17e-03 (-0.05, 0.04)
9099_19	SYT5	O00445	211	0.016	0.012	0.181	0.02 (-0.01, 0.04)	0.474	0.374	-0.028	0.023	0.229	-0.03 (-0.07, 0.02)	0.003	0.031	-0.003	0.021	0.891	-2.90e-03 (-0.04, 0.	0.000	0.023	0.988	-3.36e-04 (-0.04, 0.04)
10344_334	IL10RA	Q13651	211	0.019	0.014	0.181	0.02 (-0.01, 0.05)	0.474	1.71E-05	-0.038	0.028	0.179	-0.04 (-0.09, 0.02)	0.004	0.019	0.004	0.025	0.881	3.72e-03 (-0.04, 0.0	0.001	0.024	0.961	1.15e-03 (-0.05, 0.05)
11324_3	PXDNL	A1KZ92	211	0.016	0.012	0.181	0.02 (-0.01, 0.04)	0.474	0.257	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)	0.003	0.040	-0.005	0.020	0.795	-0.01 (-0.04, 0.03)	-0.022	0.023	0.344	-0.02 (-0.07, 0.02)
12367_52	TMEM57	Q8N5G2	211	0.016	0.012	0.181	0.02 (-0.01, 0.04)	0.474	0.054	-0.024	0.025	0.329	-0.02 (-0.07, 0.02)	0.003	0.064	-0.019	0.021	0.369	-0.02 (-0.06, 0.02)	-0.011	0.024	0.664	-0.01 (-0.06, 0.04)
13085_18	GLP1R	P43220	211	0.016	0.012	0.181	0.02 (-0.01, 0.04)	0.474	0.187	-0.051	0.024	0.031	-0.05 (-0.10, -4.92e-0	0.004	0.001	-0.008	0.019	0.694	-0.01 (-0.05, 0.03)	-0.015	0.023	0.512	-0.02 (-0.06, 0.03)
17514_48	RAB21	Q9UL25	211	-0.016	0.012	0.181	-0.02 (-0.04, 0.01)	0.474	0.175	-0.034	0.024	0.163	-0.03 (-0.08, 0.01)	0.001	0.383	-0.043	0.021	0.040	-0.04 (-0.08, -1.86e-	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)
18313_4	ASRGL1	Q7L266	211	0.017	0.013	0.182	0.02 (-0.01, 0.04)	0.474	0.030	-0.042	0.025	0.097	-0.04 (-0.09, 0.01)	0.004	0.007	-0.008	0.019	0.690	-0.01 (-0.05, 0.03)	-0.024	0.026	0.349	-0.02 (-0.08, 0.03)
2609_59	CST3	P01034	211	0.021	0.016	0.182	0.02 (-0.01, 0.05)	0.474	3.07E-08	0.003	0.031	0.918	3.18e-03 (-0.06, 0.06)	0.001	0.512	0.007	0.027	0.789	0.01 (-0.05, 0.06)	-0.006	0.026	0.826	-0.01 (-0.06, 0.05)
5340_24	CASP10	Q92851	211	0.017	0.013	0.181	0.02 (-0.01, 0.04)	0.474	0.007	-0.036	0.026	0.156	-0.04 (-0.09, 0.01)	0.003	0.015	-0.006	0.018	0.727	-0.01 (-0.04, 0.03)	-0.025	0.021	0.238	-0.02 (-0.07, 0.02)
7084_1	DRAXIN	Q8NBI3	211	0.015	0.012	0.182	0.02 (-0.01, 0.04)	0.474	0.304	-0.028	0.023	0.225	-0.03 (-0.07, 0.02)	0.003	0.030	-0.022	0.022	0.326	-0.02 (-0.06, 0.02)	-0.024	0.023	0.287	-0.02 (-0.07, 0.02)
8529_1	TNFRSF10	O14763	211	0.015	0.011	0.182	0.02 (-0.01, 0.04)	0.474	0.237	-0.011	0.024	0.637	-0.01 (-0.06, 0.04)	0.002	0.199	0.004	0.023	0.865	3.91e-03 (-0.04, 0.0	0.002	0.023	0.946	1.58e-03 (-0.04, 0.05)
9573_108	TXNDC11	Q6PKC3	211	0.017	0.013	0.182	0.02 (-0.01, 0.04)	0.474	0.034	-0.037	0.025	0.139	-0.04 (-0.09, 0.01)	0.003	0.013	0.009	0.024	0.697	0.01 (-0.04, 0.06)	0.015	0.024	0.549	0.01 (-0.03, 0.06)
15542_19	CKMT1A	P12532	211	0.018	0.013	0.182	0.02 (-0.01, 0.04)	0.474	0.017	-0.002	0.026	0.932	-2.24e-03 (-0.05, 0.05	0.001	0.384	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)	-0.001	0.026	0.982	-5.87e-04 (-0.05, 0.05)
10558_26	PCDH9	Q9HC56	211	0.020	0.015	0.182	0.02 (-0.01, 0.05)	0.475	1.02E-04	0.057	0.029	0.051	0.06 (-4.04e-05, 0.11)	-0.002	0.138	-0.010	0.021	0.628	-0.01 (-0.05, 0.03)	-0.010	0.025	0.694	-0.01 (-0.06, 0.04)
11351_233	NHEJ1	Q9H9Q4	211	-0.017	0.013	0.182	-0.02 (-0.04, 0.01)	0.475	0.035	-0.014	0.025	0.586	-0.01 (-0.06, 0.04)	0.000	0.884	-0.035	0.025	0.157	-0.04 (-0.08, 0.01)	-0.035	0.026	0.181	-0.03 (-0.09, 0.02)
11654_77	NRSN1	Q8IZ57	211	0.015	0.012	0.183	0.02 (-0.01, 0.04)	0.475	0.105	-0.047	0.024	0.053	-0.05 (-0.09, 2.93e-04	0.004	0.003	-0.018	0.020	0.372	-0.02 (-0.06, 0.02)	-0.019	0.021	0.366	-0.02 (-0.06, 0.02)
18819_21	PPIC	P45877	211	0.024	0.018	0.183	0.02 (-0.01, 0.06)	0.475	1.20E-24	-0.038	0.035	0.280	-0.04 (-0.11, 0.03)	0.004	0.043	-0.006	0.020	0.753	-0.01 (-0.05, 0.03)	-0.011	0.027	0.675	-0.01 (-0.07, 0.04)
9518_95	PLA1A	Q53H76	211	0.015	0.012	0.183	0.02 (-0.01, 0.04)	0.475	0.231	-0.012	0.024	0.621	-0.01 (-0.06, 0.03)	0.002	0.186	-0.021	0.021	0.315	-0.02 (-0.06, 0.02)	-0.025	0.024	0.298	-0.02 (-0.07, 0.02)
15301_24	ACRV1	P26436	211	0.015	0.012	0.183	0.02 (-0.01, 0.04)	0.475	0.832	-0.019	0.023	0.405	-0.02 (-0.06, 0.03)	0.002	0.084	-0.011	0.021	0.618	-0.01 (-0.05, 0.03)	-0.004	0.023	0.871	-3.73e-03 (-0.05, 0.04)
4467_49	SPARCL1	Q14515	211	0.019	0.015	0.183	0.02 (-0.01, 0.05)	0.475	1.56E-07	0.048	0.029	0.099	0.05 (-0.01, 0.10)	-0.002	0.255	0.033	0.024	0.174	0.03 (-0.01, 0.08)	0.037	0.024	0.132	0.04 (-0.01, 0.08)
8863_3	PIK3R1	P27986	211	0.015	0.012	0.183	0.02 (-0.01, 0.04)	0.476	0.428	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)	0.002	0.063	0.013	0.024	0.592	0.01 (-0.03, 0.06)	0.009	0.023	0.693	0.01 (-0.04, 0.06)
3082_9	ULBP2	Q9BZM5	211	0.017	0.013	0.183	0.02 (-0.01, 0.04)	0.476	0.007	-0.007	0.026	0.790	-0.01 (-0.06, 0.04)	0.002	0.279	-0.007	0.022	0.738	-0.01 (-0.05, 0.04)	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)
9735_44	CD96	P40200	211	0.016	0.012	0.184	0.02 (-0.01, 0.04)	0.476	0.103	-0.037	0.024	0.131	-0.04 (-0.08, 0.01)	0.003	0.013	-0.010	0.022	0.652	-0.01 (-0.05, 0.03)	0.001	0.025	0.954	1.42e-03 (-0.05, 0.05)
13625_19	SSB	P05455	211	0.017	0.013	0.184	0.02 (-0.01, 0.04)	0.477	0.009	-0.013	0.026	0.616	-0.01 (-0.06, 0.04)	0.002	0.175	0.013	0.025	0.612	0.01 (-0.04, 0.06)	0.015	0.024	0.528	0.02 (-0.03, 0.06)
19168_71	PSTPIP1	O43586	211	0.016	0.012	0.184	0.02 (-0.01, 0.04)	0.477	0.254	-0.039	0.024	0.107	-0.04 (-0.09, 0.01)	0.003	0.009	-0.018	0.020	0.356	-0.02 (-0.06, 0.02)	-0.018	0.023	0.438	-0.02 (-0.06, 0.03)
18227_3	CDK2AP2	O75956	211	0.016	0.012	0.184	0.02 (-0.01, 0.04)	0.477	0.246	-0.017	0.024	0.479	-0.02 (-0.06, 0.03)	0.002	0.117	-0.003	0.024	0.896	-3.14e-03 (-0.05, 0.	-0.006	0.022	0.800	-0.01 (-0.05, 0.04)
9170_24	IL17A	Q16552	211	0.015	0.012	0.184	0.02 (-0.01, 0.04)	0.477	0.146	-0.023	0.024	0.352	-0.02 (-0.07, 0.02)	0.002	0.071	-0.005	0.023	0.813	-0.01 (-0.05, 0.04)	-0.007	0.025	0.791	-0.01 (-0.06, 0.04)
12604_16	SCMH1	Q96GD3	211	0.017	0.013	0.185	0.02 (-0.01, 0.04)	0.477	0.006	-0.015	0.026	0.555	-0.02 (-0.07, 0.04)	0.002	0.145	0.031	0.023	0.174	0.03 (-0.01, 0.08)	0.015	0.025	0.555	0.01 (-0.03, 0.06)
7920_30	ST8SIA2	Q92186	211	0.016	0.012	0.185	0.02 (-0.01, 0.04)	0.478	0.828	-0.017	0.024	0.485	-0.02 (-0.06, 0.03)	0.002	0.120	0.002	0.024	0.929	2.13e-03 (-0.04, 0.0	-0.005	0.026	0.853	-4.77e-03 (-0.06, 0.05)
13475_10	UBE2D4	Q9Y2X8	211	-0.016	0.012	0.185	-0.02 (-0.04, 0.01)	0.479	0.121	-0.035	0.025	0.166	-0.03 (-0.08, 0.01)	0.001	0.382	-0.045	0.023	0.048	-0.04 (-0.09, -3.86e-	-0.045	0.025	0.066	-0.05 (-0.09, 2.74e-03)
3403_1	TPSB2	P20231	211	0.013	0.010	0.186	0.01 (-0.01, 0.03)	0.479	0.607	0.030	0.020	0.142	0.03 (-0.01, 0.07)	-0.001	0.351	0.027	0.017	0.109	0.03 (-0.01, 0.06)	0.037	0.021	0.084	0.04 (-4.80e-03, 0.08)
7128_9	VWA2	Q5GFL6	211	0.016	0.012	0.186	0.02 (-0.01, 0.04)	0.479	0.914	0.046	0.024	0.060	0.05 (-1.71e-03, 0.09)	-0.002	0.158	0.029	0.025	0.245	0.03 (-0.02, 0.08)	0.026	0.025	0.298	0.03 (-0.02, 0.07)
17843_30	PPCS	Q9HAB8	211	-0.016	0.012	0.186	-0.02 (-0.04, 0.01)	0.479	0.099	-0.036	0.025	0.158	-0.04 (-0.08, 0.01)	0.001	0.362	-0.043	0.024	0.073	-0.04 (-0.09, 4.05e-	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)
11369_23	ADH5	P11766	211	-0.016	0.012	0.186	-0.02 (-0.04, 0.01)	0.480	0.195	-0.042	0.025	0.088	-0.04 (-0.09, 0.01)	0.002	0.216	-0.043	0.022	0.054	-0.04 (-0.09, 6.58e-	-0.041	0.026	0.118	-0.04 (-0.09, 0.01)
13522_20	VSNL1	P62760	211	0.015	0.012	0.186	0.02 (-0.01, 0.04)	0.480	0.065	-0.019	0.024	0.427	-0.02 (-0.07, 0.03)	0.002	0.101	-0.015	0.023	0.509	-0.02 (-0.06, 0.03)	-0.026	0.022	0.248	-0.03 (-0.07, 0.02)
5024_67	RB1	P06400	211	0.017	0.013	0.186	0.02 (-0.01, 0.04)	0.480	0.015	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)	0.005	2.50E-04	-0.012	0.021	0.554	-0.01 (-0.05, 0.03)	-0.021	0.023	0.362	-0.02 (-0.07, 0.02)
5743_82	CARTPT	Q16568	211	0.015	0.012	0.186	0.02 (-0.01, 0.04)	0.480	0.187	-0.037	0.024	0.119	-0.04 (-0.08, 0.01)	0.003	0.011	-0.008	0.020	0.680	-0.01 (-0.05, 0.03)	-0.002	0.024	0.917	-2.48e-03 (-0.05, 0.04)
6219_14	PDZD11	Q5EBL8	211	0.015	0.012	0.186	0.02 (-0.01, 0.04)	0.480	0.249	-0.033	0.024	0.166	-0.03 (-0.08, 0.01)	0.003	0.019	-0.003	0.021	0.885	-3.05e-03 (-0.04, 0.	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)
4697_59	CSF2	P04141	211	0.015	0.011	0.187	0.02 (-0.01, 0.04)	0.480	0.056	0.015	0.024	0.539	0.01 (-0.03, 0.06)	0.000	0.996	0.002	0.025	0.925	2.31e-03 (-0.05, 0.0	0.001	0.023	0.950	1.46e-03 (-0.04, 0.05)
11146_4	TBX22	Q9Y458	211	0.017	0.013	0.187	0.02 (-0.01, 0.04)	0.481	0.043	-0.040	0.025	0.113	-0.04 (-0.09, 0.01)	0.004	0.009	-0.011	0.023	0.627	-0.01 (-0.06, 0.03)	-0.001	0.022	0.963	-1.03e-03 (-0.04, 0.04)
7839_99	FAM19A3	Q7Z5A8	211	0.015	0.012	0.187	0.02 (-0.01, 0.04)	0.481	0.105	-0.019	0.024	0.441	-0.02 (-0.07, 0.03)	0.002	0.106	-0.003	0.022	0.889	-3.10e-03 (-0.05, 0.	-0.002	0.024	0.927	-2.17e-03 (-0.05, 0.04)
12437_18	ULK3	Q6PHR2	211	0.015	0.012	0.188	0.02 (-0.01, 0.04)	0.481	0.055	-0.046	0.024	0.061	-0.05 (-0.09, 1.83e-03	0.004	0.004	-0.019	0.021	0.366	-0.02 (-0.06, 0.02)	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)
18165_181	UBE2V2	Q15819	211	-0.016	0.012	0.188	-0.02 (-0.04, 0.01)	0.481	0.071	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)	0.002	0.213	-0.040	0.022	0.063	-0.04 (-0.08, 2.19e-	-0.041	0.023	0.074	-0.04 (-0.09, 3.69e-03)
3000_66	MBL2	P11226	211	0.021	0.016	0.188	0.02 (-0.01, 0.05)	0.481	3.06E-21	0.032	0.032	0.323	0.03 (-0.03, 0.09)	-0.001	0.688	0.004	0.021	0.850	3.96e-03 (-0.04, 0.0	-0.001	0.023	0.979	-5.76e-04 (-0.04, 0.04)
5030_52	SIRT2	Q8IXJ6	211	0.015	0.012	0.188	0.02 (-0.01, 0.04)	0.481	0.207	0.001	0.024	0.979	6.46e-04 (-0.05, 0.05)	0.001	0.477	0.005	0.021	0.743	0.01 (-0.04, 0.05)	0.010	0.026	0.698	0.01 (-0.04, 0.06)
5758_49	KLK9	Q9UKQ9	211	0.015	0.012	0.188	0.02 (-0.01, 0.04)	0.481	0.279	-0.034	0.024	0.154	-0.03 (-0.08, 0.01)	0.003	0.017	-0.005	0.020	0.822	-4.57e-03 (-0.04, 0.0	-0.013	0.023	0.598	-0.01 (-0.06, 0.03)
11407_57	PLSCR3	Q9NRY6	211	0.016	0.012	0.188	0.02 (-0.01, 0.04)	0.482	0.017	-0.044	0.025	0.076	-0.04 (-0.09, 4.65e-03	0.003	0.005	-0.013	0.021	0.530	-0.01 (-0.05, 0.03)	-0.013	0.024	0.588	-0.01 (-0.06, 0.03)
12793_4	PIWIL1	Q96J94	211	0.015	0.012	0.189	0.02 (-0.01, 0.04)	0.482	0.062	-0.036	0.024	0.144	-0.04 (-0.08, 0.01)	0.003	0.018	0.000	0.022	0.986	-3.82e-04 (-0.04, 0.0	-0.007	0.021	0.752	-0.01 (-0.05, 0.03)
15389_1	FXN	Q16595	211	0.015	0.012	0.189	0.02 (-0.01, 0.04)	0.482	0.178	-0.028	0.024	0.247	-0.03 (-0.07, 0.02)	0.003	0.057	-0.015	0.022	0.501	-0.01 (-0.06, 0.03)	-0.009	0.023	0.689	-0.01 (-0.05, 0.04)
17746_77	FIS1	Q9Y3D6	211	-0.017	0.013	0.188	-0.02 (-0.04, 0.01)	0.482	0.031	-0.047	0.026	0.068	-0.05 (-0.10, 3.14e-03	0.002	0.176	-0.041	0.023	0.074	-0.04 (-0.09, 4.06e-	-0.038	0.025	0.134	-0.04 (-0.09, 0.01)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
18274_2	SERF2	P84101	211	0.015	0.012	0.189	0.02 (-0.01, 0.04)	0.482	0.146	-0.039	0.024	0.107	-0.04 (-0.09, 0.01)	0.003	0.009	-0.006	0.023	0.810	-0.01 (-0.05, 0.04)	-0.005	0.025	0.843	-4.87e-03 (-0.05, 0.04)
3837_6	ZAP70	P43403	211	0.017	0.013	0.189	0.02 (-0.01, 0.04)	0.482	0.018	-0.043	0.026	0.097	-0.04 (-0.09, 0.01)	0.004	0.008	0.006	0.024	0.809	0.01 (-0.04, 0.05)	0.017	0.024	0.471	0.02 (-0.03, 0.06)
8059_1	THPO	P40225	211	-0.017	0.013	0.188	-0.02 (-0.04, 0.01)	0.482	0.040	-0.052	0.025	0.039	-0.05 (-0.10, -2.97e-0	0.002	0.104	-0.024	0.024	0.326	-0.02 (-0.07, 0.02)	-0.034	0.023	0.149	-0.03 (-0.08, 0.01)
6447_73	PTX3	P26022	211	0.018	0.013	0.189	0.02 (-0.01, 0.04)	0.482	0.005	-0.057	0.026	0.028	-0.06 (-0.11, -0.01)	0.005	0.001	-0.018	0.019	0.349	-0.02 (-0.06, 0.02)	-0.032	0.025	0.201	-0.03 (-0.08, 0.02)
2826_53	EDA	Q92838	211	-0.016	0.012	0.189	-0.02 (-0.04, 0.01)	0.483	0.367	-0.052	0.024	0.033	-0.05 (-0.10, -4.43e-0	0.002	0.086	-0.030	0.023	0.196	-0.03 (-0.08, 0.02)	-0.023	0.026	0.377	-0.02 (-0.07, 0.03)
19637_9	CRH	P06850	211	-0.015	0.011	0.190	-0.01 (-0.04, 0.01)	0.484	0.476	-0.015	0.023	0.517	-0.01 (-0.06, 0.03)	0.000	0.992	-0.020	0.023	0.387	-0.02 (-0.07, 0.03)	-0.032	0.022	0.157	-0.03 (-0.08, 0.01)
6558_5	COLEC10	Q9Y6Z7	211	0.017	0.013	0.190	0.02 (-0.01, 0.04)	0.484	0.008	-0.046	0.026	0.077	-0.05 (-0.10, 4.77e-03	0.004	0.005	-0.007	0.023	0.751	-0.01 (-0.05, 0.04)	0.006	0.022	0.795	0.01 (-0.04, 0.05)
13530_5	UTS2R	Q9UKP6	211	0.015	0.012	0.191	0.02 (-0.01, 0.04)	0.485	0.070	-0.038	0.024	0.118	-0.04 (-0.09, 0.01)	0.003	0.012	-0.012	0.019	0.535	-0.01 (-0.05, 0.03)	-0.016	0.023	0.479	-0.02 (-0.06, 0.03)
5661_15	IL18	Q14116	211	0.016	0.012	0.191	0.02 (-0.01, 0.04)	0.485	0.178	-0.058	0.024	0.017	-0.06 (-0.11, -0.01)	0.005	0.001	-0.017	0.020	0.371	-0.02 (-0.06, 0.02)	-0.035	0.024	0.153	-0.03 (-0.08, 0.01)
7967_38	POTEM	A6NI47	211	0.015	0.011	0.191	0.01 (-0.01, 0.04)	0.485	0.171	-0.044	0.023	0.063	-0.04 (-0.09, 2.14e-03	0.004	0.004	-0.014	0.023	0.546	-0.01 (-0.06, 0.03)	-0.009	0.022	0.677	-0.01 (-0.05, 0.03)
7139_14	SLITRK4	Q8IW52	211	0.017	0.013	0.191	0.02 (-0.01, 0.04)	0.486	0.030	0.028	0.027	0.303	0.03 (-0.02, 0.08)	-0.001	0.662	0.003	0.025	0.906	2.95e-03 (-0.05, 0.0	0.004	0.028	0.885	4.03e-03 (-0.05, 0.06)
2890_59	CCL28	Q9NRJ3	211	-0.019	0.015	0.191	-0.02 (-0.05, 0.01)	0.486	2.61E-05	-0.018	0.030	0.554	-0.02 (-0.08, 0.04)	0.000	0.950	-0.003	0.024	0.892	-3.24e-03 (-0.05, 0.	-0.020	0.025	0.433	-0.02 (-0.07, 0.03)
12783_29	HNRNPM	P52272	211	-0.015	0.012	0.191	-0.02 (-0.04, 0.01)	0.486	0.063	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.003	0.046	-0.033	0.020	0.104	-0.03 (-0.07, 0.01)	-0.036	0.024	0.141	-0.04 (-0.08, 0.01)
4905_63	COTL1	Q14019	211	0.023	0.018	0.192	0.02 (-0.01, 0.06)	0.486	4.52E-21	-0.016	0.035	0.646	-0.02 (-0.08, 0.05)	0.002	0.198	-0.007	0.025	0.789	-0.01 (-0.06, 0.04)	-0.007	0.024	0.777	-0.01 (-0.05, 0.04)
10076_1	AP4M1	O00189	211	0.015	0.012	0.192	0.02 (-0.01, 0.04)	0.486	0.245	-0.013	0.024	0.593	-0.01 (-0.06, 0.03)	0.002	0.175	-0.014	0.019	0.468	-0.01 (-0.05, 0.02)	-0.022	0.026	0.395	-0.02 (-0.07, 0.03)
5701_81	CLEC3B	P05452	211	-0.018	0.014	0.192	-0.02 (-0.05, 0.01)	0.487	4.96E-04	-0.012	0.028	0.674	-0.01 (-0.07, 0.04)	0.000	0.785	0.008	0.024	0.746	0.01 (-0.04, 0.05)	0.001	0.027	0.977	7.88e-04 (-0.05, 0.05)
6941_11	SUMF1	Q8NBK3	211	0.016	0.012	0.192	0.02 (-0.01, 0.04)	0.487	0.142	-0.025	0.025	0.324	-0.03 (-0.07, 0.02)	0.003	0.062	0.029	0.025	0.248	0.03 (-0.02, 0.08)	0.031	0.027	0.250	0.03 (-0.02, 0.08)
14002_18	DOCK9	Q9BZ29	211	0.015	0.012	0.192	0.02 (-0.01, 0.04)	0.487	0.134	-0.063	0.024	0.009	-0.06 (-0.11, -0.02)	0.005	1.84E-04	-0.024	0.021	0.267	-0.02 (-0.07, 0.02)	-0.019	0.022	0.396	-0.02 (-0.06, 0.02)
14021_81	MED4	Q9NPJ6	211	0.017	0.013	0.193	0.02 (-0.01, 0.04)	0.487	0.002	-0.023	0.026	0.380	-0.02 (-0.07, 0.03)	0.003	0.075	-0.002	0.023	0.917	-2.45e-03 (-0.05, 0.	0.005	0.022	0.829	4.65e-03 (-0.04, 0.05)
18174_79	PDCD6IP	Q8WUM4	211	-0.015	0.012	0.193	-0.02 (-0.04, 0.01)	0.488	0.061	-0.041	0.025	0.109	-0.04 (-0.09, 0.01)	0.002	0.250	-0.049	0.022	0.030	-0.05 (-0.09, -4.79e	-0.051	0.023	0.029	-0.05 (-0.10, -0.01)
7070_25	KEL	P23276	211	0.015	0.012	0.193	0.02 (-0.01, 0.04)	0.488	0.220	-0.014	0.024	0.556	-0.01 (-0.06, 0.03)	0.002	0.158	-0.006	0.022	0.793	-0.01 (-0.05, 0.04)	0.002	0.023	0.929	2.08e-03 (-0.04, 0.05)
18267_74	CARD17	Q5XLA6	211	0.015	0.012	0.193	0.02 (-0.01, 0.04)	0.488	0.147	-0.042	0.024	0.081	-0.04 (-0.09, 0.01)	0.004	0.006	-0.012	0.019	0.537	-0.01 (-0.05, 0.03)	-0.021	0.024	0.376	-0.02 (-0.07, 0.03)
19190_4	UBE2L6	O14933	211	0.017	0.013	0.193	0.02 (-0.01, 0.04)	0.488	0.009	-0.026	0.026	0.309	-0.03 (-0.08, 0.02)	0.003	0.053	-0.007	0.023	0.750	-0.01 (-0.05, 0.04)	-0.009	0.023	0.705	-0.01 (-0.05, 0.04)
10022_207	POLH	Q9Y253	211	0.015	0.011	0.194	0.01 (-0.01, 0.04)	0.488	0.270	0.015	0.023	0.526	0.01 (-0.03, 0.06)	0.000	0.999	0.018	0.024	0.469	0.02 (-0.03, 0.07)	0.020	0.023	0.367	0.02 (-0.02, 0.06)
15627_83	AKT1	P31749	211	-0.016	0.012	0.194	-0.02 (-0.04, 0.01)	0.488	0.079	-0.039	0.025	0.125	-0.04 (-0.09, 0.01)	0.001	0.284	-0.064	0.021	0.002	-0.06 (-0.10, -0.02)	-0.074	0.027	0.008	-0.07 (-0.13, -0.02)
9913_4	RRBP1	Q9P2E9	211	0.017	0.013	0.194	0.02 (-0.01, 0.04)	0.488	0.019	-0.035	0.025	0.171	-0.03 (-0.08, 0.01)	0.003	0.019	-0.032	0.020	0.113	-0.03 (-0.07, 0.01)	-0.042	0.026	0.114	-0.04 (-0.09, 0.01)
16867_76	PCTK1	Q00536	211	0.016	0.012	0.194	0.02 (-0.01, 0.04)	0.490	0.127	-0.010	0.025	0.688	-0.01 (-0.06, 0.04)	0.002	0.237	-0.017	0.021	0.401	-0.02 (-0.06, 0.02)	-0.034	0.024	0.164	-0.03 (-0.08, 0.01)
10830_5	EFCAB14	O75071	211	0.015	0.012	0.195	0.02 (-0.01, 0.04)	0.490	0.450	-0.033	0.023	0.150	-0.03 (-0.08, 0.01)	0.003	0.016	-0.011	0.023	0.631	-0.01 (-0.06, 0.03)	-0.018	0.023	0.434	-0.02 (-0.06, 0.03)
12704_26	SH2D3C	Q8N5H7	211	0.021	0.016	0.195	0.02 (-0.01, 0.05)	0.490	3.59E-11	-0.026	0.031	0.409	-0.03 (-0.09, 0.04)	0.003	0.087	-0.018	0.023	0.446	-0.02 (-0.06, 0.03)	-0.021	0.023	0.359	-0.02 (-0.07, 0.02)
18874_66	CEBPA	P49715	211	0.015	0.012	0.195	0.01 (-0.01, 0.04)	0.490	0.404	-0.047	0.023	0.043	-0.05 (-0.09, -1.70e-0	0.004	0.002	0.006	0.019	0.763	0.01 (-0.03, 0.04)	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)
5252_33	PDE11A	Q9HCR9	211	-0.015	0.012	0.195	-0.02 (-0.04, 0.01)	0.490	0.200	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)	0.001	0.368	-0.034	0.020	0.088	-0.03 (-0.07, 0.01)	-0.036	0.024	0.135	-0.04 (-0.08, 0.01)
5337_64	CD86	P42081	211	0.015	0.012	0.195	0.02 (-0.01, 0.04)	0.490	0.429	0.010	0.024	0.680	0.01 (-0.04, 0.06)	0.000	0.792	0.007	0.024	0.766	0.01 (-0.04, 0.06)	0.011	0.024	0.642	0.01 (-0.04, 0.06)
6119_14	MAMDC2	Q7Z304	211	0.017	0.013	0.195	0.02 (-0.01, 0.04)	0.490	0.025	-0.054	0.025	0.032	-0.05 (-0.10, -4.96e-0	0.004	0.001	-0.007	0.019	0.716	-0.01 (-0.04, 0.03)	-0.017	0.023	0.467	-0.02 (-0.06, 0.03)
12571_14	ARL3	P36405	211	-0.016	0.012	0.195	-0.02 (-0.04, 0.01)	0.490	0.050	-0.046	0.026	0.079	-0.05 (-0.10, 4.97e-03	0.002	0.180	-0.056	0.020	0.005	-0.06 (-0.09, -0.02)	-0.060	0.025	0.018	-0.06 (-0.11, -0.01)
17356_34	IL1F10	Q8WWZ1	211	0.015	0.012	0.195	0.02 (-0.01, 0.04)	0.490	0.123	-0.023	0.024	0.350	-0.02 (-0.07, 0.02)	0.002	0.072	-0.010	0.023	0.659	-0.01 (-0.05, 0.03)	-0.010	0.025	0.688	-0.01 (-0.06, 0.04)
6497_10	RS1	O15537	211	0.017	0.013	0.195	0.02 (-0.01, 0.04)	0.490	0.029	-0.043	0.025	0.084	-0.04 (-0.09, 0.01)	0.004	0.006	-0.014	0.022	0.533	-0.01 (-0.06, 0.03)	-0.010	0.022	0.642	-0.01 (-0.05, 0.03)
9002_36	SERPINA1	Q86U17	211	-0.020	0.016	0.196	-0.02 (-0.05, 0.01)	0.491	1.52E-09	0.020	0.031	0.521	0.02 (-0.04, 0.08)	-0.003	0.136	0.011	0.027	0.695	0.01 (-0.04, 0.06)	0.021	0.031	0.501	0.02 (-0.04, 0.08)
8927_6	C7orf73	E0CX11	211	0.015	0.012	0.196	0.02 (-0.01, 0.04)	0.491	0.155	-0.011	0.024	0.635	-0.01 (-0.06, 0.04)	0.002	0.207	0.009	0.022	0.698	0.01 (-0.04, 0.05)	0.008	0.023	0.737	0.01 (-0.04, 0.05)
6915_2	CD164L2	Q6UWJ8	211	0.015	0.012	0.196	0.02 (-0.01, 0.04)	0.492	0.222	-0.055	0.024	0.023	-0.05 (-0.10, -0.01)	0.004	0.001	-0.013	0.022	0.565	-0.01 (-0.06, 0.03)	-0.007	0.025	0.786	-0.01 (-0.06, 0.04)
7071_23	MAN1B1	Q9UKM7	211	0.017	0.013	0.196	0.02 (-0.01, 0.04)	0.492	0.002	-0.058	0.026	0.028	-0.06 (-0.11, -0.01)	0.005	0.001	-0.022	0.021	0.298	-0.02 (-0.06, 0.02)	-0.023	0.023	0.316	-0.02 (-0.07, 0.02)
11348_132	P4HA2	O15460	211	0.015	0.012	0.197	0.02 (-0.01, 0.04)	0.492	0.744	-0.044	0.024	0.068	-0.04 (-0.09, 2.94e-03	0.004	0.004	-0.005	0.019	0.811	-4.63e-03 (-0.04, 0.	-0.012	0.024	0.610	-0.01 (-0.06, 0.03)
11653_69	SLC6A9	P48067	211	0.017	0.013	0.197	0.02 (-0.01, 0.04)	0.493	0.003	-0.024	0.025	0.333	-0.02 (-0.07, 0.03)	0.003	0.059	-0.004	0.024	0.868	-3.99e-03 (-0.05, 0.	-0.008	0.024	0.750	-0.01 (-0.05, 0.04)
12705_9	HERC1	Q15751	211	0.015	0.012	0.197	0.02 (-0.01, 0.04)	0.493	0.350	-0.044	0.023	0.061	-0.04 (-0.09, 1.74e-03	0.004	0.004	-0.002	0.021	0.937	-1.69e-03 (-0.04, 0.	-0.004	0.024	0.874	-3.81e-03 (-0.05, 0.04)
12718_43	PIN4	Q9Y237	211	-0.017	0.013	0.197	-0.02 (-0.04, 0.01)	0.493	0.047	-0.055	0.026	0.032	-0.06 (-0.11, -0.01)	0.002	0.082	-0.061	0.022	0.005	-0.06 (-0.10, -0.02)	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)
3487_32	CXCL13	O43927	211	0.017	0.013	0.198	0.02 (-0.01, 0.04)	0.494	0.004	-0.022	0.026	0.414	-0.02 (-0.07, 0.03)	0.002	0.090	-0.004	0.021	0.864	-3.64e-03 (-0.05, 0.	-0.011	0.023	0.626	-0.01 (-0.06, 0.03)
18162_167	IRAK4	Q9NWZ3	211	-0.016	0.013	0.198	-0.02 (-0.04, 0.01)	0.495	0.045	-0.034	0.026	0.190	-0.03 (-0.08, 0.02)	0.001	0.441	-0.044	0.021	0.037	-0.04 (-0.09, -2.75e	-0.054	0.025	0.030	-0.05 (-0.10, -0.01)
4962_52	CDNF	Q49AH0	211	-0.017	0.013	0.198	-0.02 (-0.04, 0.01)	0.495	0.011	-0.025	0.027	0.349	-0.03 (-0.08, 0.03)	0.000	0.735	-0.024	0.026	0.350	-0.02 (-0.07, 0.03)	-0.009	0.026	0.720	-0.01 (-0.06, 0.04)
12535_2	XRCC1	P18887	211	0.015	0.012	0.199	0.01 (-0.01, 0.04)	0.495	0.608	-0.012	0.023	0.621	-0.01 (-0.06, 0.03)	0.002	0.193	-0.001	0.023	0.953	-1.35e-03 (-0.05, 0.	0.001	0.022	0.977	6.44e-04 (-0.04, 0.04)
15300_66	CCDC134	Q9H6E4	211	-0.017	0.013	0.199	-0.02 (-0.04, 0.01)	0.495	0.029	-0.058	0.025	0.024	-0.06 (-0.11, -0.01)	0.003	0.062	-0.036	0.019	0.062	-0.04 (-0.07, 1.75e-	-0.047	0.025	0.063	-0.05 (-0.10, 2.24e-03)
9753_17	EZR	P15311	211	-0.015	0.012	0.199	-0.02 (-0.04, 0.01)	0.495	0.091	-0.037	0.025	0.139	-0.04 (-0.09, 0.01)	0.001	0.311	-0.043	0.025	0.078	-0.04 (-0.09, 4.82e-	-0.050	0.027	0.063	-0.05 (-0.10, 2.41e-03)
13573_5	ARPC3	O15145	211	-0.015	0.012	0.199	-0.02 (-0.04, 0.01)	0.496	0.401	-0.043	0.024	0.071	-0.04 (-0.09, 3.47e-03	0.002	0.177	-0.018	0.024	0.461	-0.02 (-0.07, 0.03)	-0.017	0.024	0.475	-0.02 (-0.06, 0.03)
2855_49	MAPK3	P27361	211	-0.026	0.020	0.199	-0.03 (-0.07, 0.01)	0.496	8.33E-38	-0.032	0.040	0.425	-0.03 (-0.11, 0.05)	0.000	0.860	-0.060	0.021	0.004	-0.06 (-0.10, -0.02)	-0.067	0.026	0.012	-0.07 (-0.12, -0.02)
3405_6	UFC1	Q9Y3C8	211	-0.016	0.012	0.200	-0.02 (-0.04, 0.01)	0.497	0.058	-0.041	0.026	0.115	-0.04 (-0.09, 0.01)	0.002	0.257	-0.061	0.022	0.005	-0.06 (-0.10, -0.02)	-0.065	0.024	0.009	-0.06 (-0.11, -0.02)
2642_4	PAFAH1B2	P68402	211	-0.016	0.013	0.200	-0.02 (-0.04, 0.01)	0.497	0.044	-0.041	0.025	0.104	-0.04 (-0.09, 0.01)	0.002	0.255	-0.044	0.023	0.056	-0.04 (-0.09, 1.10e-	-0.042	0.023	0.076	-0.04 (-0.09, 4.21e-03)
18280_29	DTD2	Q96FN9	211	-0.017	0.013	0.200	-0.02 (-0.04, 0.01)	0.497	0.035	-0.040	0.026	0.128	-0.04 (-0.09, 0.01)	0.001	0.310	-0.057	0.021	0.006	-0.06 (-0.10, -0.02)	-0.057	0.024	0.019	-0.06 (-0.10, -0.01)
8897_3	LRRC37A2	A6NM11	211	0.015	0.012	0.200	0.01 (-0.01, 0.04)	0.497	0.125	-0.049	0.024	0.043	-0.05 (-0.10, -1.84e-0	0.004	0.002	-0.020	0.019	0.296	-0.02 (-0.06, 0.02)	-0.022	0.024	0.365	-0.02 (-0.07, 0.03)
12732_13	MPP7	Q5T2T1	211	0.017	0.013	0.200	0.02 (-0.01, 0.04)	0.497	0.004	-0.034	0.026	0.199	-0.03 (-0.09, 0.02)	0.003	0.026	0.000	0.020	0.985	-3.73e-04 (-0.04, 0.	-0.011	0.026	0.671	-0.01 (-0.06, 0.04)
7737_76	ITGB6	P18564	211	0.015	0.011	0.201	0.01 (-0.01, 0.04)	0.498	0.171	-0.032	0.024	0.178	-0.03 (-0.08, 0.01)	0.003	0.024	-0.017	0.022	0.433	-0.02 (-0.06, 0.03)	-0.014	0.023	0.558	-0.01 (-0.06, 0.03)
2687_2	MIA	Q16674	211	-0.019	0.015	0.201	-0.02 (-0.05, 0.01)	0.499	2.71E-07	0.009	0.029	0.748	0.01 (-0.05, 0.07)	-0.002	0.261	-0.007	0.025	0.773	-0.01 (-0.06, 0.04)	-0.018	0.024	0.457	-0.02 (-0.07, 0.03)
9997_12	UBXN4	Q92575	211	-0.015	0.012	0.201	-0.01 (-0.04, 0.01)	0.499	0.445	-0.043	0.023	0.067	-0.04 (-0.09, 2.68e-03	0.002	0.165	-0.034	0.022	0.123	-0.03 (-0.08, 0.01)	-0.044	0.025	0.080	-0.04 (-0.09, 0.01)
18202_22	CD37	P11049	211	0.017	0.013	0.201	0.02 (-0.01, 0.04)	0.499	0.027	-0.048	0.025	0.058	-0.05 (-0.10, 1.34e-03	0.004	0.003	-0.004	0.022	0.849	-4.12e-03 (-0.05, 0.	-0.008	0.025	0.751	-0.01 (-0.06, 0.04)
3197_70	IDE	P14735	211	-0.015	0.012	0.202	-0.02 (-0.04, 0.01)	0.499	0.095	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.003	0.046	-0.033	0.022	0.141	-0.03 (-0.08, 0.01)	-0.031	0.024	0.202	-0.03 (-0.08, 0.02)
13954_9	GNPNAT1	Q96EK6	211	-0.015	0.012	0.202	-0.02 (-0.04, 0.01)	0.499	0.067	-0.033	0.026	0.193	-0.03 (-0.08, 0.02)	0.001	0.414	-0.046	0.023	0.042	-0.05 (-0.09, -1.61e	-0.049	0.026	0.066	-0.05 (-0.10, 2.93e-03)
10366_11	PDGFRA	P16234	211	0.015	0.012	0.202	0.01 (-0.01, 0.04)	0.500	0.310	0.006	0.024	0.792	0.01 (-0.04, 0.05)	0.001	0.680	-0.004	0.023	0.868	-3.83e-03 (-0.05, 0.	0.014	0.024	0.563	0.01 (-0.03, 0.06)
15504_39	BIRC7	Q96CA5	211	0.015	0.012	0.203	0.02 (-0.01, 0.04)	0.501	0.259	-0.041	0.024	0.088	-0.04 (-0.09, 0.01)	0.004	0.007	-0.007	0.020	0.731	-0.01 (-0.05, 0.03)	-0.019	0.025	0.446	-0.02 (-0.07, 0.03)
8837_8	MFAP3L	O75121	211	0.015	0.012	0.203	0.02 (-0.01, 0.04)	0.501	0.684	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)	0.002	0.186	-0.009	0.021	0.671	-0.01 (-0.05, 0.03)	-0.007	0.022	0.743	-0.01 (-0.05, 0.04)
8834_58	CANX	P27824	211	0.015	0.012	0.203	0.01 (-0.01, 0.04)	0.502	0.365	-0.039	0.023	0.092	-0.04 (-0.08, 0.01)	0.003	0.007	-0.023	0.022	0.300	-0.02 (-0.07, 0.02)	-0.029	0.022	0.185	-0.03 (-0.07, 0.01)
11144_10	DEFB116	Q30KQ4	211	0.015	0.012	0.204	0.01 (-0.01, 0.04)	0.502	0.305	-0.020	0.024	0.412	-0.02 (-0.07, 0.03)	0.002	0.097	-0.002	0.023	0.928	-2.09e-03 (-0.05, 0.	-0.002	0.023	0.942	-1.66e-03 (-0.05, 0.04)
11391_69	MVK	Q03426	211	0.017	0.013	0.204	0.02 (-0.01, 0.04)	0.503	0.001	-0.046	0.026	0.083	-0.05 (-0.10, 0.01)	0.004	0.006	-0.026	0.020	0.207	-0.03 (-0.07, 0.01)	-0.030	0.023	0.199	-0.03 (-0.08, 0.02)
12963_1	GPR107	Q5VW38	211	0.015	0.012	0.204	0.01 (-0.01, 0.04)	0.503	0.707	-0.024	0.023	0.290	-0.02 (-0.07, 0.02)	0.002	0.050	-0.007	0.020	0.730	-0.01 (-0.05, 0.03)	-0.014	0.022	0.524	-0.01 (-0.06, 0.03)
14309_8	HNRNPH1	P31943	211	0.014	0.011	0.204	0.01 (-0.01, 0.04)	0.503	0.127	-0.027	0.021	0.201	-0.03 (-0.07, 0.01)	0.003	0.019	0.000	0.021	0.987	3.31e-04 (-0.04, 0.0	0.000	0.020	0.999	-3.67e-05 (-0.04, 0.04)
17835_28	ANXA13	P27216	211	0.015	0.012	0.204	0.01 (-0.01, 0.04)	0.503	0.338	-0.055	0.023	0.020	-0.05 (-0.10, -0.01)	0.004	0.001	-0.017	0.023	0.462	-0.02 (-0.06, 0.03)	-0.007	0.022	0.769	-0.01 (-0.05, 0.04)
19141_22	DAP	P51397	211	0.014	0.011	0.204	0.01 (-0.01, 0.04)	0.503	0.978	0.005	0.021	0.804	0.01 (-0.04, 0.05)	0.001	0.646	0.007	0.022	0.756	0.01 (-0.04, 0.05)	0.004	0.020	0.831	4.33e-03 (-0.04, 0.04)
5682_13	VASN	Q6EMK4	211	0.020	0.015	0.204	0.02 (-0.01, 0.05)	0.503	4.72E-08	0.001	0.031	0.968	1.23e-03 (-0.06, 0.06)	0.001	0.489	0.027	0.025	0.280	0.03 (-0.02, 0.08)	0.027	0.026	0.294	0.03 (-0.02, 0.08)
4314_12	DCTPP1	Q9H773	211	-0.018	0.014	0.205	-0.02 (-0.05, 0.01)	0.503	0.001	-0.056	0.028	0.043	-0.06 (-0.11, -2.15e-0	0.002	0.108	-0.035	0.021	0.091	-0.03 (-0.08, 0.01)	-0.048	0.025	0.054	-0.05 (-0.10, 5.54e-04)
12869_68	DDX6	P26196	211	-0.017	0.013	0.205	-0.02 (-0.04, 0.01)	0.503	0.018	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)	0.002	0.212	-0.049	0.021	0.020	-0.05 (-0.09, -0.01)	-0.061	0.026	0.019	-0.06 (-0.11, -0.01)
13930_3	APOBEC3C	Q9HC16	211	-0.015	0.012	0.205	-0.02 (-0.04, 0.01)	0.503	0.099	-0.041	0.026	0.108	-0.04 (-0.09, 0.01)	0.002	0.243	-0.034	0.020	0.091	-0.03 (-0.07, 0.01)	-0.049	0.026	0.058	-0.05 (-0.10, 1.30e-03)
4128_27	CCL24	O00175	211	0.015	0.012	0.205	0.01 (-0.01, 0.04)	0.503	0.309	-0.042	0.023	0.071	-0.04 (-0.09, 3.45e-03	0.004	0.005	-0.006	0.020	0.777	-0.01 (-0.05, 0.03)	-0.003	0.023	0.879	-3.46e-03 (-0.05, 0.04)
5745_64	PI15	O43692	211	0.017	0.013	0.205	0.02 (-0.01, 0.04)	0.503	0.011	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.005	3.02E-04	-0.013	0.020	0.517	-0.01 (-0.05, 0.03)	-0.008	0.024	0.725	-0.01 (-0.06, 0.04)
5196_7	NMT1	P30419	211	-0.015	0.012	0.205	-0.02 (-0.04, 0.01)	0.504	0.256	-0.049	0.024	0.045	-0.05 (-0.10, -1.48e-0	0.002	0.107	-0.060	0.020	0.003	-0.06 (-0.10, -0.02)	-0.062	0.024	0.009	-0.06 (-0.11, -0.02)
11682_7	TXNIP	Q9H3M7	211	0.015	0.012	0.206	0.01 (-0.01, 0.04)	0.505	0.055	-0.049	0.025	0.048	-0.05 (-0.10, -8.15e-0	0.004	0.003	-0.007	0.024	0.757	-0.01 (-0.05, 0.04)	-0.001	0.023	0.953	-1.36e-03 (-0.05, 0.04)
12864_9	NIPAL4	Q0D2K0	211	0.015	0.012	0.206	0.01 (-0.01, 0.04)	0.506	0.065	-0.058	0.024	0.019	-0.06 (-0.11, -0.01)	0.005	0.001	-0.018	0.023	0.435	-0.02 (-0.06, 0.03)	-0.014	0.023	0.542	-0.01 (-0.06, 0.03)
14662_6	MZF1	P28698	211	0.017	0.014	0.206	0.02 (-0.01, 0.04)	0.506	0.001	-0.038	0.027	0.158	-0.04 (-0.09, 0.01)	0.004	0.017	0.000	0.023	0.999	3.89e-05 (-0.05, 0.0	0.003	0.024	0.916	2.55e-03 (-0.04, 0.05)
10356_21	JUN	P05412	211	0.016	0.013	0.207	0.02 (-0.01, 0.04)	0.506	0.030	-0.059	0.025	0.019	-0.06 (-0.11, -0.01)	0.005	0.001	-0.005	0.020	0.799	-0.01 (-0.05, 0.03)	-0.008	0.024	0.748	-0.01 (-0.05, 0.04)
13624_17	NADK	O95544	211	0.015	0.012	0.207	0.01 (-0.01, 0.04)	0.506	0.082	-0.026	0.025	0.304	-0.03 (-0.07, 0.02)	0.003	0.060	-0.023	0.022	0.282	-0.02 (-0.07, 0.02)	-0.024	0.026	0.350	-0.02 (-0.07, 0.03)
14687_6	PLIN3	O60664	211	0.015	0.012	0.207	0.01 (-0.01, 0.04)	0.506	0.103	-0.044	0.024	0.067	-0.04 (-0.09, 2.81e-03	0.004	0.005	-0.017	0.021	0.416	-0.02 (-0.06, 0.02)	-0.013	0.022	0.567	-0.01 (-0.06, 0.03)
17786_5	GGPS1	O95749	211	-0.015	0.012	0.207	-0.01 (-0.04, 0.01)	0.506	0.062	-0.046	0.025	0.070	-0.05 (-0.10, 3.56e-03	0.002	0.157	-0.042	0.022	0.054	-0.04 (-0.08, 7.09e-	-0.047	0.025	0.062	-0.05 (-0.10, 2.11e-03)
6584_1	HRC	P23327	211	0.015	0.012	0.207	0.01 (-0.01, 0.04)	0.506	0.882	-0.014	0.023	0.539	-0.01 (-0.06, 0.03)	0.002	0.149	-0.015	0.019	0.415	-0.02 (-0.05, 0.02)	-0.035	0.023	0.132	-0.04 (-0.08, 0.01)
7895_108	MRAP	Q8TCY5	211	0.015	0.012	0.207	0.01 (-0.01, 0.04)	0.506	0.071	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)	0.003	0.012	-0.002	0.020	0.907	-2.34e-03 (-0.04, 0.	-0.011	0.021	0.623	-0.01 (-0.05, 0.03)
8828_21	ESRP1	Q6NXG1	211	0.016	0.013	0.207	0.02 (-0.01, 0.04)	0.506	0.032	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)	0.004	0.010	-0.014	0.019	0.453	-0.01 (-0.05, 0.02)	-0.019	0.024	0.419	-0.02 (-0.07, 0.03)
13713_164	SEC22A	Q96IW7	211	0.015	0.012	0.208	0.01 (-0.01, 0.04)	0.507	0.157	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)	0.001	0.254	-0.023	0.020	0.258	-0.02 (-0.06, 0.02)	-0.018	0.024	0.467	-0.02 (-0.07, 0.03)
18925_24	PSMA5	P28066	211	0.020	0.016	0.208	0.02 (-0.01, 0.05)	0.507	1.66E-10	0.008	0.032	0.809	0.01 (-0.05, 0.07)	0.001	0.652	0.034	0.025	0.176	0.03 (-0.02, 0.08)	0.030	0.023	0.190	0.03 (-0.01, 0.08)
5117_14	ROBO3	Q96MS0	211	0.015	0.012	0.208	0.01 (-0.01, 0.04)	0.507	0.487	-0.026	0.023	0.271	-0.03 (-0.07, 0.02)	0.003	0.045	-0.008	0.021	0.701	-0.01 (-0.05, 0.03)	-0.013	0.024	0.575	-0.01 (-0.06, 0.03)
8363_18	KIAA1324L	A8MWY0	211	0.017	0.013	0.208	0.02 (-0.01, 0.04)	0.507	0.006	-0.041	0.026	0.114	-0.04 (-0.09, 0.01)	0.004	0.011	-0.017	0.020	0.387	-0.02 (-0.06, 0.02)	-0.027	0.025	0.291	-0.03 (-0.08, 0.02)
8959_61	ADAM17	P78536	211	0.015	0.012	0.208	0.01 (-0.01, 0.04)	0.507	0.076	-0.049	0.025	0.049	-0.05 (-0.10, -4.75e-0	0.004	0.003	-0.004	0.019	0.834	-4.04e-03 (-0.04, 0.	-0.021	0.024	0.370	-0.02 (-0.07, 0.03)
9388_18	MCEE	Q96PE7	211	-0.016	0.012	0.208	-0.02 (-0.04, 0.01)	0.507	0.047	-0.029	0.025	0.238	-0.03 (-0.08, 0.02)	0.001	0.525	-0.025	0.023	0.276	-0.03 (-0.07, 0.02)	-0.023	0.022	0.309	-0.02 (-0.07, 0.02)
10940_25	SRL	Q86TD4	211	0.015	0.012	0.209	0.02 (-0.01, 0.04)	0.507	0.073	-0.017	0.025	0.510	-0.02 (-0.07, 0.03)	0.002	0.149	-0.028	0.021	0.169	-0.03 (-0.07, 0.01)	-0.026	0.024	0.292	-0.03 (-0.07, 0.02)
18323_39	CRMP1	Q14194	211	0.015	0.012	0.209	0.01 (-0.01, 0.04)	0.507	0.096	-0.035	0.024	0.152	-0.03 (-0.08, 0.01)	0.003	0.019	-0.011	0.022	0.616	-0.01 (-0.05, 0.03)	-0.004	0.024	0.870	-3.86e-03 (-0.05, 0.04)
11590_5	RBM23	Q86U06	211	0.017	0.013	0.210	0.02 (-0.01, 0.04)	0.508	0.004	-0.049	0.026	0.060	-0.05 (-0.10, 1.73e-03	0.004	0.004	-0.017	0.020	0.393	-0.02 (-0.06, 0.02)	-0.041	0.026	0.113	-0.04 (-0.09, 0.01)
13536_56	POLI	Q9UNA4	211	0.015	0.012	0.209	0.01 (-0.01, 0.04)	0.508	0.125	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)	0.002	0.243	-0.023	0.023	0.313	-0.02 (-0.07, 0.02)	-0.022	0.023	0.348	-0.02 (-0.07, 0.02)
16312_45	CDH6	P55285	211	0.016	0.013	0.209	0.02 (-0.01, 0.04)	0.508	0.011	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)	0.005	0.001	0.015	0.020	0.472	0.01 (-0.03, 0.05)	-0.001	0.024	0.963	-1.10e-03 (-0.05, 0.05)
18890_227	FGB	P02675	211	0.018	0.014	0.210	0.02 (-0.01, 0.05)	0.508	2.88E-04	-0.034	0.028	0.215	-0.03 (-0.09, 0.02)	0.003	0.031	-0.006	0.022	0.781	-0.01 (-0.05, 0.04)	-0.002	0.023	0.919	-2.33e-03 (-0.05, 0.04)
19332_1	MOBKL3	Q9Y3A3	211	0.038	0.031	0.209	0.04 (-0.02, 0.10)	0.508	2.72E-168	0.001	0.061	0.991	6.84e-04 (-0.12, 0.12)	0.002	0.473	-0.008	0.020	0.709	-0.01 (-0.05, 0.03)	-0.027	0.025	0.286	-0.03 (-0.08, 0.02)
7763_25	CDH11	P55287	211	0.017	0.013	0.209	0.02 (-0.01, 0.04)	0.508	0.004	-0.051	0.026	0.055	-0.05 (-0.10, 7.38e-04	0.004	0.003	-0.006	0.021	0.776	-0.01 (-0.05, 0.04)	0.000	0.025	0.984	-4.90e-04 (-0.05, 0.05)
7790_21	LIF	P15018	211	0.015	0.012	0.209	0.01 (-0.01, 0.04)	0.508	0.394	-0.044	0.023	0.059	-0.04 (-0.09, 1.36e-03	0.004	0.004	0.001	0.019	0.955	1.10e-03 (-0.04, 0.0	-0.023	0.023	0.307	-0.02 (-0.07, 0.02)
9125_23	MASP1	P48740	211	0.015	0.012	0.209	0.01 (-0.01, 0.04)	0.508	0.153	-0.051	0.024	0.032	-0.05 (-0.10, -4.73e-0	0.004	0.002	-0.020	0.020	0.306	-0.02 (-0.06, 0.02)	-0.037	0.024	0.117	-0.04 (-0.08, 0.01)
8795_48	TFRC	P02786	211	0.017	0.013	0.210	0.02 (-0.01, 0.04)	0.508	0.008	-0.049	0.026	0.062	-0.05 (-0.10, 2.15e-03	0.004	0.004	0.002	0.020	0.934	1.67e-03 (-0.04, 0.0	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)
16865_62	TAF15	Q92804	211	-0.015	0.012	0.210	-0.01 (-0.04, 0.01)	0.509	0.166	-0.055	0.024	0.023	-0.06 (-0.10, -0.01)	0.003	0.054	-0.054	0.021	0.010	-0.05 (-0.10, -0.01)	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)
16323_8	NRXN3	Q9Y4C0	211	0.018	0.015	0.211	0.02 (-0.01, 0.05)	0.509	5.71E-06	0.073	0.029	0.013	0.07 (0.02, 0.13)	-0.003	0.032	0.033	0.026	0.197	0.03 (-0.02, 0.08)	0.040	0.028	0.156	0.04 (-0.02, 0.09)
19602_36	JUND	P17535	211	0.016	0.013	0.211	0.02 (-0.01, 0.04)	0.509	0.028	-0.025	0.025	0.311	-0.03 (-0.07, 0.02)	0.003	0.057	-0.003	0.022	0.876	-3.39e-03 (-0.05, 0.	-0.006	0.024	0.798	-0.01 (-0.05, 0.04)
5749_53	CLPS	P04118	211	0.017	0.014	0.211	0.02 (-0.01, 0.04)	0.509	2.98E-04	0.024	0.027	0.385	0.02 (-0.03, 0.08)	0.000	0.780	0.034	0.020	0.091	0.03 (-0.01, 0.07)	0.036	0.026	0.166	0.04 (-0.01, 0.09)
7099_33	FSTL5	Q8N475	211	0.014	0.012	0.211	0.01 (-0.01, 0.04)	0.509	0.077	-0.023	0.024	0.350	-0.02 (-0.07, 0.02)	0.002	0.076	-0.003	0.023	0.903	-2.85e-03 (-0.05, 0.	-0.004	0.023	0.862	-4.05e-03 (-0.05, 0.04)
7838_27	SMR3A	Q99954	211	0.014	0.012	0.211	0.01 (-0.01, 0.04)	0.509	0.134	-0.042	0.024	0.078	-0.04 (-0.09, 4.45e-03	0.004	0.006	-0.001	0.019	0.957	-1.00e-03 (-0.04, 0.	-0.023	0.023	0.326	-0.02 (-0.07, 0.02)
8011_96	PAPL	Q6ZNF0	211	0.015	0.012	0.211	0.01 (-0.01, 0.04)	0.509	0.193	-0.009	0.024	0.722	-0.01 (-0.06, 0.04)	0.001	0.267	-0.011	0.023	0.641	-0.01 (-0.06, 0.04)	-0.006	0.022	0.803	-0.01 (-0.05, 0.04)
8406_17	IGF1	P05019	211	0.015	0.012	0.211	0.01 (-0.01, 0.04)	0.509	0.393	-0.008	0.024	0.746	-0.01 (-0.05, 0.04)	0.001	0.280	-0.002	0.023	0.915	-2.48e-03 (-0.05, 0.	-0.013	0.023	0.582	-0.01 (-0.06, 0.03)
17460_51	MX1	P20591	211	0.018	0.014	0.211	0.02 (-0.01, 0.05)	0.509	6.56E-05	-0.031	0.028	0.281	-0.03 (-0.09, 0.02)	0.003	0.049	-0.004	0.024	0.860	-4.29e-03 (-0.05, 0.	0.001	0.024	0.960	1.21e-03 (-0.05, 0.05)
19180_38	GULP1	Q9UBP9	211	0.017	0.014	0.212	0.02 (-0.01, 0.04)	0.510	0.001	-0.060	0.027	0.025	-0.06 (-0.11, -0.01)	0.005	0.001	-0.007	0.021	0.756	-0.01 (-0.05, 0.03)	0.005	0.026	0.831	0.01 (-0.04, 0.06)
8994_65	SLAMF8	Q9P0V8	211	0.017	0.014	0.212	0.02 (-0.01, 0.04)	0.510	1.77E-04	-0.016	0.027	0.554	-0.02 (-0.07, 0.04)	0.002	0.159	0.005	0.024	0.849	4.59e-03 (-0.04, 0.0	-0.004	0.023	0.877	-3.55e-03 (-0.05, 0.04)
11375_49	FOXL2	P58012	211	0.014	0.012	0.212	0.01 (-0.01, 0.04)	0.511	0.180	-0.051	0.023	0.030	-0.05 (-0.10, -0.01)	0.004	0.001	-0.014	0.019	0.473	-0.01 (-0.05, 0.02)	-0.030	0.024	0.217	-0.03 (-0.08, 0.02)
12881_17	RDH16	O75452	211	0.022	0.017	0.213	0.02 (-0.01, 0.06)	0.511	2.43E-20	-0.038	0.034	0.272	-0.04 (-0.10, 0.03)	0.004	0.046	-0.019	0.020	0.350	-0.02 (-0.06, 0.02)	-0.034	0.025	0.175	-0.03 (-0.08, 0.01)
13973_62	TTL	Q8NG68	211	-0.016	0.013	0.213	-0.02 (-0.04, 0.01)	0.511	0.040	-0.036	0.026	0.157	-0.04 (-0.09, 0.01)	0.001	0.359	-0.043	0.024	0.074	-0.04 (-0.09, 4.16e-	-0.037	0.024	0.127	-0.04 (-0.08, 0.01)
17325_10	GUK1	Q16774	211	-0.016	0.013	0.213	-0.02 (-0.04, 0.01)	0.511	0.041	-0.049	0.026	0.055	-0.05 (-0.10, 8.34e-04	0.002	0.134	-0.050	0.022	0.022	-0.05 (-0.09, -0.01)	-0.051	0.024	0.033	-0.05 (-0.10, -4.46e-03)
3066_12	LGALS3	P17931	211	0.018	0.015	0.213	0.02 (-0.01, 0.05)	0.511	2.08E-07	-0.028	0.029	0.337	-0.03 (-0.09, 0.03)	0.003	0.065	-0.006	0.026	0.824	-0.01 (-0.06, 0.05)	-0.012	0.026	0.653	-0.01 (-0.06, 0.04)
4453_83	LRRTM3	Q86VH5	211	0.016	0.013	0.213	0.02 (-0.01, 0.04)	0.511	0.004	-0.020	0.026	0.459	-0.02 (-0.07, 0.03)	0.002	0.117	0.003	0.025	0.915	2.73e-03 (-0.05, 0.0	-0.017	0.026	0.533	-0.02 (-0.07, 0.04)
5363_51	SEMA3E	O15041	211	0.016	0.013	0.213	0.02 (-0.01, 0.04)	0.511	4.48E-06	0.041	0.025	0.102	0.04 (-0.01, 0.09)	-0.002	0.243	0.026	0.023	0.245	0.03 (-0.02, 0.07)	0.006	0.023	0.799	0.01 (-0.04, 0.05)
9314_9	PSG5	Q15238	211	0.038	0.030	0.213	0.04 (-0.02, 0.10)	0.511	1.57E-170	0.024	0.059	0.691	0.02 (-0.09, 0.14)	0.001	0.786	0.010	0.022	0.636	0.01 (-0.03, 0.05)	0.006	0.025	0.806	0.01 (-0.04, 0.06)
11428_31	PDLIM1	O00151	211	-0.015	0.012	0.213	-0.01 (-0.04, 0.01)	0.511	0.158	-0.028	0.025	0.263	-0.03 (-0.08, 0.02)	0.001	0.545	-0.032	0.024	0.171	-0.03 (-0.08, 0.01)	-0.030	0.024	0.222	-0.03 (-0.08, 0.02)
13481_24	TCEA2	Q15560	211	0.016	0.013	0.213	0.02 (-0.01, 0.04)	0.511	0.013	-0.048	0.026	0.060	-0.05 (-0.10, 1.74e-03	0.004	0.004	-0.029	0.020	0.147	-0.03 (-0.07, 0.01)	-0.013	0.023	0.582	-0.01 (-0.06, 0.03)
5107_7	NOTCH1	P46531	211	0.018	0.014	0.214	0.02 (-0.01, 0.05)	0.512	3.15E-04	0.063	0.028	0.025	0.06 (0.01, 0.12)	-0.003	0.062	0.030	0.024	0.225	0.03 (-0.02, 0.08)	0.022	0.024	0.358	0.02 (-0.02, 0.07)
9075_121	KIAA1024	Q9UPX6	211	0.014	0.012	0.214	0.01 (-0.01, 0.04)	0.512	0.232	-0.040	0.024	0.091	-0.04 (-0.09, 0.01)	0.003	0.008	-0.017	0.022	0.437	-0.02 (-0.06, 0.03)	-0.015	0.021	0.483	-0.01 (-0.06, 0.03)
7853_19	SCO1	O75880	211	-0.014	0.012	0.214	-0.01 (-0.04, 0.01)	0.512	0.192	-0.026	0.024	0.278	-0.03 (-0.07, 0.02)	0.001	0.574	-0.031	0.022	0.162	-0.03 (-0.07, 0.01)	-0.022	0.022	0.317	-0.02 (-0.07, 0.02)
12411_60	MAX	P61244	211	-0.016	0.013	0.214	-0.02 (-0.04, 0.01)	0.512	0.022	-0.028	0.026	0.288	-0.03 (-0.08, 0.02)	0.001	0.610	-0.034	0.022	0.131	-0.03 (-0.08, 0.01)	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)
16594_44	FAIM	Q9NVQ4	211	0.015	0.012	0.215	0.02 (-0.01, 0.04)	0.513	0.443	-0.024	0.024	0.328	-0.02 (-0.07, 0.02)	0.002	0.064	-0.002	0.020	0.911	-2.25e-03 (-0.04, 0.	-0.007	0.023	0.757	-0.01 (-0.05, 0.04)
3485_28	B2M	P61769	211	0.019	0.015	0.215	0.02 (-0.01, 0.05)	0.514	6.75E-09	0.010	0.031	0.749	0.01 (-0.05, 0.07)	0.001	0.726	0.033	0.025	0.178	0.03 (-0.02, 0.08)	0.022	0.025	0.374	0.02 (-0.03, 0.07)
9027_10	NLGN2	Q8NFZ4	211	0.014	0.012	0.215	0.01 (-0.01, 0.04)	0.514	0.213	-0.048	0.023	0.043	-0.05 (-0.09, -1.73e-0	0.004	0.002	-0.016	0.023	0.490	-0.02 (-0.06, 0.03)	-0.016	0.023	0.491	-0.02 (-0.06, 0.03)
12880_1	SV2A	Q7L0J3	211	0.014	0.012	0.217	0.01 (-0.01, 0.04)	0.515	0.068	-0.051	0.024	0.037	-0.05 (-0.10, -3.39e-0	0.004	0.002	-0.027	0.019	0.169	-0.03 (-0.06, 0.01)	-0.033	0.021	0.118	-0.03 (-0.07, 0.01)
13655_34	NCL	P19338	211	0.014	0.012	0.216	0.01 (-0.01, 0.04)	0.515	0.069	-0.033	0.024	0.182	-0.03 (-0.08, 0.02)	0.003	0.027	-0.020	0.021	0.338	-0.02 (-0.06, 0.02)	-0.008	0.025	0.734	-0.01 (-0.06, 0.04)
15413_3	LCAT	P04180	211	0.016	0.013	0.216	0.02 (-0.01, 0.04)	0.515	0.023	-0.046	0.026	0.073	-0.05 (-0.10, 4.07e-03	0.004	0.005	-0.023	0.022	0.296	-0.02 (-0.07, 0.02)	-0.024	0.024	0.305	-0.02 (-0.07, 0.02)
16621_77	APOA1BP	Q8NCW5	211	-0.015	0.012	0.217	-0.01 (-0.04, 0.01)	0.515	0.060	-0.047	0.025	0.061	-0.05 (-0.10, 2.01e-03	0.002	0.134	-0.059	0.021	0.005	-0.06 (-0.10, -0.02)	-0.062	0.024	0.011	-0.06 (-0.11, -0.01)
17819_30	FAHD1	Q6P587	211	-0.015	0.012	0.217	-0.01 (-0.04, 0.01)	0.515	0.665	-0.039	0.024	0.107	-0.04 (-0.09, 0.01)	0.001	0.251	-0.045	0.022	0.043	-0.04 (-0.09, -1.36e	-0.041	0.025	0.109	-0.04 (-0.09, 0.01)
18435_40	UBXN2B	Q14CS0	211	-0.015	0.012	0.217	-0.01 (-0.04, 0.01)	0.515	0.107	-0.063	0.025	0.012	-0.06 (-0.11, -0.01)	0.003	0.025	-0.049	0.023	0.030	-0.05 (-0.09, -4.69e	-0.041	0.023	0.078	-0.04 (-0.09, 4.44e-03)
19291_2	CASQ2	O14958	211	0.014	0.012	0.217	0.01 (-0.01, 0.04)	0.515	0.849	-0.021	0.023	0.359	-0.02 (-0.07, 0.02)	0.002	0.075	0.002	0.023	0.922	2.26e-03 (-0.04, 0.0	0.001	0.023	0.959	1.17e-03 (-0.04, 0.05)
5103_30	CD200R1	Q8TD46	211	0.015	0.012	0.216	0.01 (-0.01, 0.04)	0.515	0.300	-0.011	0.024	0.655	-0.01 (-0.06, 0.04)	0.002	0.224	-0.010	0.021	0.645	-0.01 (-0.05, 0.03)	-0.006	0.024	0.792	-0.01 (-0.05, 0.04)
5751_14	LETMD1	Q6P1Q0	211	0.014	0.012	0.216	0.01 (-0.01, 0.04)	0.515	0.133	-0.027	0.024	0.263	-0.03 (-0.07, 0.02)	0.003	0.048	-0.010	0.025	0.697	-0.01 (-0.06, 0.04)	-0.018	0.025	0.454	-0.02 (-0.07, 0.03)
9322_15	RCN1	Q15293	211	-0.017	0.014	0.216	-0.02 (-0.04, 0.01)	0.515	1.25E-04	-0.048	0.027	0.079	-0.05 (-0.10, 0.01)	0.002	0.188	0.004	0.023	0.873	3.71e-03 (-0.04, 0.0	0.002	0.023	0.917	2.39e-03 (-0.04, 0.05)
9583_17	RNF24	Q9Y225	211	0.017	0.013	0.216	0.02 (-0.01, 0.04)	0.515	0.005	-0.044	0.026	0.098	-0.04 (-0.09, 0.01)	0.004	0.009	-0.007	0.021	0.733	-0.01 (-0.05, 0.03)	-0.013	0.024	0.599	-0.01 (-0.06, 0.03)
9332_6	DEFB136	Q30KP8	211	0.014	0.012	0.217	0.01 (-0.01, 0.04)	0.516	0.386	0.000	0.023	0.997	9.74e-05 (-0.05, 0.05)	0.001	0.483	0.018	0.022	0.427	0.02 (-0.03, 0.06)	0.021	0.024	0.380	0.02 (-0.03, 0.07)
3115_64	MAPK1	P28482	211	-0.015	0.012	0.217	-0.01 (-0.04, 0.01)	0.516	0.099	-0.043	0.025	0.088	-0.04 (-0.09, 0.01)	0.002	0.193	-0.054	0.021	0.011	-0.05 (-0.10, -0.01)	-0.056	0.024	0.022	-0.06 (-0.10, -0.01)
11538_216	MLYCD	O95822	211	0.015	0.012	0.218	0.01 (-0.01, 0.04)	0.516	0.259	-0.028	0.024	0.239	-0.03 (-0.08, 0.02)	0.003	0.040	0.008	0.020	0.687	0.01 (-0.03, 0.05)	-0.009	0.025	0.702	-0.01 (-0.06, 0.04)
12730_3	NDC80	O14777	211	0.017	0.014	0.218	0.02 (-0.01, 0.04)	0.517	0.001	-0.043	0.027	0.105	-0.04 (-0.10, 0.01)	0.004	0.010	-0.012	0.021	0.577	-0.01 (-0.05, 0.03)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
6649_51	NTN1	O95631	211	0.015	0.012	0.218	0.01 (-0.01, 0.04)	0.517	0.268	-0.021	0.025	0.401	-0.02 (-0.07, 0.03)	0.002	0.096	0.004	0.021	0.853	3.79e-03 (-0.04, 0.0	-0.006	0.025	0.807	-0.01 (-0.06, 0.04)
13464_8	NRAC	Q8N912	211	0.016	0.013	0.218	0.02 (-0.01, 0.04)	0.517	0.006	-0.026	0.026	0.329	-0.03 (-0.08, 0.03)	0.003	0.065	0.002	0.019	0.925	1.84e-03 (-0.04, 0.0	-0.004	0.023	0.865	-3.82e-03 (-0.05, 0.04)
3072_4	IL13	P35225	211	0.015	0.012	0.218	0.01 (-0.01, 0.04)	0.517	0.201	-0.034	0.024	0.159	-0.03 (-0.08, 0.01)	0.003	0.021	0.007	0.021	0.724	0.01 (-0.03, 0.05)	0.001	0.022	0.955	1.23e-03 (-0.04, 0.04)
7789_182	PRDX4	Q13162	211	0.015	0.012	0.219	0.01 (-0.01, 0.04)	0.517	0.455	-0.036	0.023	0.127	-0.04 (-0.08, 0.01)	0.003	0.014	-0.017	0.022	0.443	-0.02 (-0.06, 0.03)	-0.008	0.023	0.743	-0.01 (-0.05, 0.04)
13963_7	TOLLIP	Q9H0E2	211	-0.016	0.013	0.219	-0.02 (-0.04, 0.01)	0.518	0.036	-0.038	0.026	0.140	-0.04 (-0.09, 0.01)	0.001	0.318	-0.050	0.022	0.023	-0.05 (-0.09, -0.01)	-0.057	0.027	0.035	-0.06 (-0.11, -4.36e-03)
19136_22	ALDH6A1	Q02252	211	-0.014	0.012	0.219	-0.01 (-0.04, 0.01)	0.518	0.864	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)	0.001	0.283	-0.038	0.023	0.093	-0.04 (-0.08, 0.01)	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)
6507_16	NCAM2	O15394	211	-0.017	0.014	0.219	-0.02 (-0.04, 0.01)	0.518	0.003	0.050	0.027	0.066	0.05 (-3.01e-03, 0.10)	-0.004	0.005	0.017	0.023	0.461	0.02 (-0.03, 0.06)	0.016	0.025	0.524	0.02 (-0.03, 0.06)
8876_51	NRXN2	P58401	211	0.016	0.013	0.219	0.02 (-0.01, 0.04)	0.518	0.023	-0.057	0.025	0.024	-0.06 (-0.11, -0.01)	0.005	0.001	-0.009	0.022	0.665	-0.01 (-0.05, 0.03)	-0.012	0.021	0.567	-0.01 (-0.05, 0.03)
18284_77	WWC1	Q8IX03	211	0.016	0.013	0.219	0.02 (-0.01, 0.04)	0.518	0.001	-0.015	0.026	0.556	-0.02 (-0.07, 0.04)	0.002	0.163	-0.012	0.023	0.616	-0.01 (-0.06, 0.03)	-0.016	0.024	0.523	-0.02 (-0.06, 0.03)
15316_262	TXNL4B	Q9NX01	211	-0.016	0.013	0.220	-0.02 (-0.04, 0.01)	0.519	0.014	-0.034	0.027	0.206	-0.03 (-0.09, 0.02)	0.001	0.451	-0.037	0.024	0.119	-0.04 (-0.08, 0.01)	-0.052	0.024	0.032	-0.05 (-0.10, -4.95e-03)
4157_2	F2	P00734	211	0.019	0.015	0.221	0.02 (-0.01, 0.05)	0.520	1.38E-06	-0.002	0.030	0.937	-2.37e-03 (-0.06, 0.06	0.001	0.423	0.017	0.020	0.378	0.02 (-0.02, 0.06)	0.028	0.024	0.251	0.03 (-0.02, 0.08)
15474_7	PIN1	Q13526	211	-0.015	0.012	0.221	-0.01 (-0.04, 0.01)	0.521	0.075	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)	0.002	0.195	-0.049	0.021	0.023	-0.05 (-0.09, -0.01)	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)
6549_60	VSTM2L	Q96N03	211	0.016	0.013	0.221	0.02 (-0.01, 0.04)	0.522	0.025	-0.048	0.025	0.053	-0.05 (-0.10, 3.65e-04	0.004	0.003	-0.018	0.021	0.385	-0.02 (-0.06, 0.02)	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)
15626_223	HSPG2	P98160	211	0.017	0.014	0.222	0.02 (-0.01, 0.04)	0.522	0.002	0.042	0.028	0.135	0.04 (-0.01, 0.10)	-0.002	0.307	-0.008	0.023	0.738	-0.01 (-0.05, 0.04)	0.007	0.027	0.791	0.01 (-0.05, 0.06)
11614_29	ERH	P84090	211	-0.014	0.012	0.222	-0.01 (-0.04, 0.01)	0.523	0.084	-0.048	0.025	0.055	-0.05 (-0.10, 7.15e-04	0.002	0.119	-0.048	0.020	0.017	-0.05 (-0.09, -0.01)	-0.058	0.028	0.042	-0.06 (-0.11, -2.54e-03)
11617_1	ITGAL	P20701	211	0.014	0.012	0.222	0.01 (-0.01, 0.04)	0.523	0.155	-0.049	0.024	0.037	-0.05 (-0.10, -3.23e-0	0.004	0.002	-0.007	0.020	0.721	-0.01 (-0.05, 0.03)	-0.007	0.023	0.752	-0.01 (-0.05, 0.04)
16299_13	TIGIT	Q495A1	211	0.017	0.014	0.223	0.02 (-0.01, 0.04)	0.523	0.001	-0.077	0.026	0.004	-0.08 (-0.13, -0.03)	0.006	5.46E-05	-0.008	0.020	0.670	-0.01 (-0.05, 0.03)	-0.013	0.024	0.604	-0.01 (-0.06, 0.04)
18823_52	HIST3H2B	Q8N257	211	0.015	0.012	0.223	0.01 (-0.01, 0.04)	0.524	0.053	-0.036	0.025	0.155	-0.04 (-0.09, 0.01)	0.003	0.021	-0.007	0.019	0.724	-0.01 (-0.04, 0.03)	-0.002	0.024	0.939	-1.88e-03 (-0.05, 0.05)
9090_9	SYTL4	Q96C24	211	-0.014	0.012	0.223	-0.01 (-0.04, 0.01)	0.524	0.096	-0.044	0.025	0.079	-0.04 (-0.09, 4.77e-03	0.002	0.170	-0.060	0.020	0.003	-0.06 (-0.10, -0.02)	-0.066	0.024	0.006	-0.07 (-0.11, -0.02)
8893_29	PARP1	P09874	211	0.014	0.012	0.223	0.01 (-0.01, 0.04)	0.524	0.302	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)	0.003	0.008	-0.019	0.018	0.299	-0.02 (-0.06, 0.02)	-0.035	0.025	0.168	-0.04 (-0.09, 0.01)
6572_10	LRRTM4	Q86VH4	211	0.017	0.014	0.224	0.02 (-0.01, 0.04)	0.526	1.29E-04	-0.011	0.027	0.695	-0.01 (-0.06, 0.04)	0.002	0.244	-0.009	0.022	0.673	-0.01 (-0.05, 0.03)	-0.001	0.022	0.963	-1.03e-03 (-0.04, 0.04)
9940_35	DUSP28	Q4G0W2	211	-0.015	0.012	0.224	-0.01 (-0.04, 0.01)	0.526	0.114	-0.030	0.025	0.235	-0.03 (-0.08, 0.02)	0.001	0.479	-0.041	0.023	0.071	-0.04 (-0.09, 3.54e-	-0.035	0.024	0.152	-0.03 (-0.08, 0.01)
7983_1	PCDHGC5	Q9Y5F6	211	0.014	0.012	0.224	0.01 (-0.01, 0.04)	0.526	0.191	-0.027	0.023	0.245	-0.03 (-0.07, 0.02)	0.003	0.040	0.000	0.024	0.996	-1.15e-04 (-0.05, 0.	0.007	0.021	0.760	0.01 (-0.04, 0.05)
8005_1	MXRA7	P84157	211	0.017	0.014	0.224	0.02 (-0.01, 0.04)	0.526	0.001	0.008	0.027	0.760	0.01 (-0.04, 0.06)	0.001	0.723	0.014	0.026	0.598	0.01 (-0.04, 0.06)	0.002	0.025	0.939	1.90e-03 (-0.05, 0.05)
12605_1	EXOSC3	Q9NQT5	211	-0.014	0.012	0.225	-0.01 (-0.04, 0.01)	0.526	0.124	-0.011	0.024	0.646	-0.01 (-0.06, 0.04)	0.000	0.890	-0.025	0.024	0.301	-0.02 (-0.07, 0.02)	-0.021	0.022	0.340	-0.02 (-0.06, 0.02)
11300_32	SORT1	Q99523	211	-0.015	0.012	0.225	-0.02 (-0.04, 0.01)	0.526	0.045	-0.054	0.024	0.030	-0.05 (-0.10, -0.01)	0.002	0.070	-0.039	0.021	0.058	-0.04 (-0.08, 1.30e-	-0.043	0.022	0.057	-0.04 (-0.09, 1.10e-03)
6262_14	IL17RB	Q9NRM6	211	-0.014	0.012	0.225	-0.01 (-0.04, 0.01)	0.526	0.163	-0.041	0.025	0.096	-0.04 (-0.09, 0.01)	0.002	0.209	-0.040	0.023	0.086	-0.04 (-0.08, 0.01)	-0.042	0.025	0.094	-0.04 (-0.09, 0.01)
17343_6	SNPH	O15079	211	0.014	0.012	0.225	0.01 (-0.01, 0.04)	0.527	0.185	0.005	0.024	0.828	0.01 (-0.04, 0.05)	0.001	0.667	-0.003	0.023	0.907	-2.72e-03 (-0.05, 0.	0.011	0.023	0.641	0.01 (-0.03, 0.06)
3418_12	CAMK1D	Q8IU85	211	0.014	0.012	0.225	0.01 (-0.01, 0.04)	0.527	0.056	-0.067	0.024	0.007	-0.07 (-0.11, -0.02)	0.005	1.60E-04	-0.010	0.021	0.618	-0.01 (-0.05, 0.03)	-0.014	0.024	0.568	-0.01 (-0.06, 0.03)
4306_4	TKT	P29401	211	-0.016	0.013	0.226	-0.02 (-0.04, 0.01)	0.528	0.039	-0.035	0.026	0.174	-0.03 (-0.08, 0.02)	0.001	0.383	-0.043	0.023	0.068	-0.04 (-0.09, 3.22e-	-0.038	0.024	0.126	-0.04 (-0.09, 0.01)
3083_71	EDA2R	Q9HAV5	211	0.014	0.012	0.226	0.01 (-0.01, 0.04)	0.528	0.405	-0.038	0.023	0.096	-0.04 (-0.08, 0.01)	0.003	0.009	-0.003	0.020	0.895	-2.67e-03 (-0.04, 0.	-0.008	0.024	0.756	-0.01 (-0.06, 0.04)
11208_15	NAGPA	Q9UK23	211	0.015	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.155	0.047	0.025	0.065	0.05 (-2.62e-03, 0.10)	-0.002	0.142	0.029	0.027	0.270	0.03 (-0.02, 0.08)	0.036	0.025	0.149	0.04 (-0.01, 0.08)
13451_2	FNDC4	Q9H6D8	211	0.014	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.267	-0.023	0.024	0.319	-0.02 (-0.07, 0.02)	0.002	0.066	-0.012	0.023	0.599	-0.01 (-0.06, 0.03)	-0.014	0.022	0.520	-0.01 (-0.06, 0.03)
17721_82	GAS7	O60861	211	-0.014	0.012	0.227	-0.01 (-0.04, 0.01)	0.528	0.097	-0.048	0.025	0.052	-0.05 (-0.10, 1.22e-04	0.002	0.112	-0.037	0.024	0.124	-0.04 (-0.08, 0.01)	-0.026	0.025	0.314	-0.03 (-0.08, 0.02)
5476_66	PRKCG	P05129	211	0.014	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.056	-0.028	0.025	0.262	-0.03 (-0.08, 0.02)	0.003	0.052	-0.010	0.023	0.655	-0.01 (-0.06, 0.03)	-0.010	0.023	0.678	-0.01 (-0.05, 0.04)
6237_11	FGFRL1	Q8N441	211	0.014	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.053	-0.031	0.025	0.217	-0.03 (-0.08, 0.02)	0.003	0.037	-0.021	0.022	0.338	-0.02 (-0.06, 0.02)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
6641_60	UBB	P0CG47	211	0.016	0.013	0.227	0.02 (-0.01, 0.04)	0.528	0.009	-0.026	0.026	0.324	-0.03 (-0.08, 0.03)	0.003	0.064	-0.011	0.020	0.581	-0.01 (-0.05, 0.03)	-0.012	0.023	0.600	-0.01 (-0.06, 0.03)
7894_155	FGF3	P11487	211	0.014	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.471	-0.031	0.023	0.186	-0.03 (-0.08, 0.01)	0.003	0.026	-0.011	0.023	0.622	-0.01 (-0.06, 0.03)	-0.010	0.023	0.648	-0.01 (-0.05, 0.03)
7842_52	SERF1A	O75920	211	0.014	0.012	0.227	0.01 (-0.01, 0.04)	0.528	0.100	-0.050	0.024	0.041	-0.05 (-0.10, -2.44e-0	0.004	0.002	-0.012	0.019	0.512	-0.01 (-0.05, 0.02)	-0.020	0.022	0.377	-0.02 (-0.06, 0.02)
17751_68	CRYBB1	P53674	211	-0.015	0.012	0.227	-0.01 (-0.04, 0.01)	0.529	0.176	-0.039	0.025	0.119	-0.04 (-0.09, 0.01)	0.002	0.258	-0.043	0.023	0.063	-0.04 (-0.09, 2.28e-	-0.038	0.026	0.135	-0.04 (-0.09, 0.01)
19353_25	OSTM1	Q86WC4	211	0.014	0.012	0.228	0.01 (-0.01, 0.04)	0.529	0.525	-0.046	0.023	0.048	-0.05 (-0.09, -7.26e-0	0.004	0.003	-0.019	0.020	0.334	-0.02 (-0.06, 0.02)	-0.019	0.023	0.415	-0.02 (-0.06, 0.03)
9774_59	RNF150	Q9ULK6	211	0.014	0.012	0.228	0.01 (-0.01, 0.04)	0.530	0.146	-0.007	0.024	0.761	-0.01 (-0.05, 0.04)	0.001	0.307	-0.016	0.022	0.488	-0.02 (-0.06, 0.03)	-0.011	0.026	0.684	-0.01 (-0.06, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
15364_101	APOC1	P02654	211	-0.016	0.013	0.228	-0.02 (-0.04, 0.01)	0.530	0.013	-0.013	0.027	0.618	-0.01 (-0.07, 0.04)	0.000	0.901	0.015	0.020	0.465	0.01 (-0.02, 0.05)	0.046	0.025	0.070	0.05 (-3.55e-03, 0.09)
12556_7	UBE2C	O00762	211	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.532	0.101	0.021	0.025	0.403	0.02 (-0.03, 0.07)	0.000	0.754	0.011	0.024	0.642	0.01 (-0.04, 0.06)	0.015	0.024	0.528	0.02 (-0.03, 0.06)
3796_79	ANGPTL4	Q9BY76	211	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.532	0.347	-0.031	0.024	0.200	-0.03 (-0.08, 0.02)	0.003	0.030	0.000	0.019	0.988	-2.99e-04 (-0.04, 0.	-0.015	0.025	0.564	-0.01 (-0.06, 0.03)
7146_16	PDIA4	P13667	211	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.532	0.112	-0.035	0.024	0.156	-0.03 (-0.08, 0.01)	0.003	0.021	-0.013	0.022	0.540	-0.01 (-0.06, 0.03)	-0.006	0.024	0.794	-0.01 (-0.05, 0.04)
7221_56	CKAP4	Q07065	211	0.014	0.012	0.229	0.01 (-0.01, 0.04)	0.532	0.129	-0.036	0.024	0.138	-0.04 (-0.08, 0.01)	0.003	0.017	-0.014	0.020	0.483	-0.01 (-0.05, 0.03)	-0.008	0.023	0.733	-0.01 (-0.05, 0.04)
8104_21	IL10RA	Q13651	211	0.014	0.012	0.229	0.01 (-0.01, 0.04)	0.532	0.060	-0.032	0.024	0.194	-0.03 (-0.08, 0.02)	0.003	0.031	-0.006	0.022	0.771	-0.01 (-0.05, 0.04)	-0.001	0.021	0.951	-1.30e-03 (-0.04, 0.04)
19311_15	CRYGS	P22914	211	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.532	0.124	-0.039	0.024	0.108	-0.04 (-0.09, 0.01)	0.003	0.012	-0.006	0.019	0.761	-0.01 (-0.04, 0.03)	-0.011	0.025	0.648	-0.01 (-0.06, 0.04)
9089_77	JPH3	Q8WXH2	211	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.533	0.193	-0.040	0.024	0.095	-0.04 (-0.09, 0.01)	0.003	0.010	-0.014	0.022	0.520	-0.01 (-0.06, 0.03)	-0.013	0.021	0.526	-0.01 (-0.05, 0.03)
10064_12	RBBP9	O75884	211	0.016	0.013	0.230	0.02 (-0.01, 0.04)	0.533	0.019	-0.031	0.025	0.229	-0.03 (-0.08, 0.02)	0.003	0.035	0.003	0.024	0.894	3.24e-03 (-0.04, 0.0	0.000	0.023	0.999	3.94e-05 (-0.04, 0.04)
19616_100	EFHD1	Q9BUP0	211	0.017	0.014	0.231	0.02 (-0.01, 0.04)	0.534	0.003	-0.036	0.028	0.189	-0.04 (-0.09, 0.02)	0.003	0.028	0.005	0.024	0.851	4.56e-03 (-0.04, 0.0	0.004	0.024	0.882	3.59e-03 (-0.04, 0.05)
3172_28	ARSB	P15848	211	0.014	0.012	0.231	0.01 (-0.01, 0.04)	0.534	0.198	-0.041	0.024	0.089	-0.04 (-0.09, 0.01)	0.003	0.009	-0.011	0.018	0.560	-0.01 (-0.05, 0.03)	-0.026	0.025	0.298	-0.03 (-0.07, 0.02)
12779_30	PRDM4	Q9UKN5	211	-0.014	0.012	0.232	-0.01 (-0.04, 0.01)	0.535	0.570	-0.035	0.024	0.137	-0.04 (-0.08, 0.01)	0.001	0.303	-0.030	0.023	0.199	-0.03 (-0.07, 0.02)	-0.032	0.027	0.236	-0.03 (-0.09, 0.02)
15416_54	LYG2	Q86SG7	211	-0.015	0.013	0.232	-0.02 (-0.04, 0.01)	0.535	0.036	-0.047	0.026	0.066	-0.05 (-0.10, 2.83e-03	0.002	0.151	-0.044	0.022	0.045	-0.04 (-0.09, -9.71e-	-0.034	0.023	0.140	-0.03 (-0.08, 0.01)
5464_52	GRB2	P62993	211	-0.014	0.012	0.232	-0.01 (-0.04, 0.01)	0.535	0.090	-0.036	0.025	0.157	-0.04 (-0.09, 0.01)	0.001	0.324	-0.049	0.024	0.035	-0.05 (-0.10, -3.40e-	-0.061	0.028	0.030	-0.06 (-0.12, -0.01)
8918_64	PTK2B	Q14289	211	0.017	0.014	0.232	0.02 (-0.01, 0.04)	0.535	0.001	-0.044	0.027	0.107	-0.04 (-0.10, 0.01)	0.004	0.011	-0.039	0.020	0.053	-0.04 (-0.08, 5.15e-	-0.039	0.025	0.118	-0.04 (-0.09, 0.01)
8985_13	SERAC1	Q96JX3	211	0.015	0.013	0.232	0.02 (-0.01, 0.04)	0.535	0.047	-0.060	0.025	0.015	-0.06 (-0.11, -0.01)	0.005	4.77E-04	-0.012	0.022	0.583	-0.01 (-0.05, 0.03)	-0.011	0.024	0.634	-0.01 (-0.06, 0.03)
12482_5	BPTF	Q12830	211	0.018	0.015	0.232	0.02 (-0.01, 0.05)	0.535	3.52E-07	-0.020	0.029	0.482	-0.02 (-0.08, 0.04)	0.002	0.130	-0.008	0.022	0.702	-0.01 (-0.05, 0.03)	0.004	0.022	0.870	3.56e-03 (-0.04, 0.05)
9600_55	THSD7A	Q9UPZ6	211	0.014	0.011	0.232	0.01 (-0.01, 0.04)	0.535	0.174	-0.027	0.024	0.249	-0.03 (-0.07, 0.02)	0.003	0.045	-0.003	0.019	0.869	-3.06e-03 (-0.04, 0.	-0.021	0.022	0.340	-0.02 (-0.07, 0.02)
7810_20	C1QTNF5	Q9BXJ0	211	-0.015	0.012	0.232	-0.01 (-0.04, 0.01)	0.535	0.062	-0.011	0.026	0.671	-0.01 (-0.06, 0.04)	0.000	0.871	-0.046	0.021	0.029	-0.05 (-0.09, -4.77e-	-0.044	0.024	0.063	-0.04 (-0.09, 2.11e-03)
5963_9	DMKN	Q6E0U4	211	-0.024	0.020	0.233	-0.02 (-0.06, 0.02)	0.536	1.22E-37	-0.059	0.040	0.144	-0.06 (-0.14, 0.02)	0.002	0.317	0.010	0.023	0.662	0.01 (-0.03, 0.05)	-0.004	0.025	0.875	-3.96e-03 (-0.05, 0.05)
18409_61	ARF5	P84085	211	-0.015	0.013	0.233	-0.02 (-0.04, 0.01)	0.536	0.042	-0.042	0.025	0.093	-0.04 (-0.09, 0.01)	0.002	0.211	-0.039	0.022	0.077	-0.04 (-0.08, 4.17e-	-0.039	0.023	0.089	-0.04 (-0.08, 0.01)
5359_65	PIM1	P11309	211	-0.014	0.012	0.234	-0.01 (-0.04, 0.01)	0.537	0.348	-0.074	0.023	0.002	-0.07 (-0.12, -0.03)	0.004	0.003	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)
9576_58	MNX1	P50219	211	0.014	0.012	0.234	0.01 (-0.01, 0.04)	0.537	0.073	-0.050	0.024	0.040	-0.05 (-0.10, -2.60e-0	0.004	0.003	-0.004	0.019	0.850	-3.62e-03 (-0.04, 0.	-0.019	0.023	0.407	-0.02 (-0.06, 0.03)
11716_28	LRIT2	A6NDA9	211	0.014	0.012	0.234	0.01 (-0.01, 0.04)	0.537	0.134	-0.032	0.024	0.188	-0.03 (-0.08, 0.02)	0.003	0.030	-0.002	0.024	0.949	-1.55e-03 (-0.05, 0.	-0.023	0.025	0.358	-0.02 (-0.07, 0.03)
11350_30	STUB1	Q9UNE7	211	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.538	0.105	-0.024	0.025	0.329	-0.02 (-0.07, 0.02)	0.002	0.075	-0.006	0.022	0.776	-0.01 (-0.05, 0.04)	-0.006	0.024	0.809	-0.01 (-0.05, 0.04)
15346_31	IFNG	P01579	211	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.538	0.107	-0.049	0.024	0.043	-0.05 (-0.10, -1.83e-0	0.004	0.003	-0.012	0.020	0.543	-0.01 (-0.05, 0.03)	-0.018	0.023	0.439	-0.02 (-0.06, 0.03)
16768_3	JUP	P14923	211	0.013	0.011	0.235	0.01 (-0.01, 0.04)	0.538	0.142	0.017	0.024	0.486	0.02 (-0.03, 0.06)	0.000	0.881	0.024	0.023	0.309	0.02 (-0.02, 0.07)	0.025	0.024	0.309	0.02 (-0.02, 0.07)
9078_207	SNTB1	Q13884	211	-0.014	0.012	0.235	-0.01 (-0.04, 0.01)	0.538	0.084	-0.027	0.025	0.283	-0.03 (-0.08, 0.02)	0.001	0.550	-0.051	0.023	0.025	-0.05 (-0.10, -0.01)	-0.047	0.028	0.097	-0.05 (-0.10, 0.01)
13563_259	ACBD7	Q8N6N7	211	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.539	0.454	-0.043	0.023	0.063	-0.04 (-0.09, 2.16e-03	0.004	0.005	-0.021	0.021	0.330	-0.02 (-0.06, 0.02)	-0.019	0.021	0.358	-0.02 (-0.06, 0.02)
15591_28	GPX1	P07203	211	0.016	0.013	0.235	0.02 (-0.01, 0.04)	0.539	0.015	-0.047	0.026	0.069	-0.05 (-0.10, 3.45e-03	0.004	0.005	-0.027	0.021	0.190	-0.03 (-0.07, 0.01)	-0.036	0.023	0.115	-0.04 (-0.08, 0.01)
18282_1	GNG11	P61952	211	0.016	0.014	0.235	0.02 (-0.01, 0.04)	0.539	3.94E-04	-0.059	0.026	0.027	-0.06 (-0.11, -0.01)	0.005	0.001	-0.001	0.023	0.981	-5.57e-04 (-0.05, 0.	0.003	0.022	0.908	2.50e-03 (-0.04, 0.04)
7117_21	SERPINI2	O75830	211	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.539	0.147	-0.037	0.024	0.131	-0.04 (-0.08, 0.01)	0.003	0.017	-0.003	0.023	0.888	-3.22e-03 (-0.05, 0.	0.005	0.022	0.807	0.01 (-0.04, 0.05)
12700_9	ACLY	P53396	211	0.014	0.012	0.236	0.01 (-0.01, 0.04)	0.539	0.208	-0.027	0.024	0.256	-0.03 (-0.07, 0.02)	0.003	0.048	-0.013	0.022	0.558	-0.01 (-0.06, 0.03)	-0.001	0.023	0.963	-1.07e-03 (-0.05, 0.04)
3447_64	CXCL8	P10145	211	0.016	0.014	0.236	0.02 (-0.01, 0.04)	0.539	3.13E-04	-0.056	0.027	0.041	-0.06 (-0.11, -2.65e-0	0.005	0.002	-0.008	0.022	0.713	-0.01 (-0.05, 0.04)	0.001	0.024	0.970	9.03e-04 (-0.05, 0.05)
5490_53	SPOCK1	Q08629	211	0.015	0.013	0.236	0.02 (-0.01, 0.04)	0.540	0.024	-0.034	0.026	0.188	-0.03 (-0.08, 0.02)	0.003	0.027	-0.001	0.019	0.940	-1.45e-03 (-0.04, 0.	-0.016	0.023	0.480	-0.02 (-0.06, 0.03)
6600_70	RELL2	Q8NC24	211	0.014	0.012	0.236	0.01 (-0.01, 0.04)	0.540	0.081	-0.026	0.025	0.282	-0.03 (-0.07, 0.02)	0.003	0.059	0.000	0.020	0.994	-1.53e-04 (-0.04, 0.	-0.007	0.025	0.766	-0.01 (-0.06, 0.04)
11395_5	PTK2B	Q14289	211	-0.015	0.013	0.237	-0.02 (-0.04, 0.01)	0.540	0.022	-0.053	0.025	0.038	-0.05 (-0.10, -3.26e-0	0.002	0.086	-0.057	0.019	0.003	-0.06 (-0.09, -0.02)	-0.052	0.023	0.024	-0.05 (-0.10, -0.01)
13588_11	ANXA9	O76027	211	0.014	0.011	0.238	0.01 (-0.01, 0.04)	0.540	0.415	-0.025	0.023	0.297	-0.02 (-0.07, 0.02)	0.002	0.064	-0.001	0.022	0.982	-5.05e-04 (-0.04, 0.	0.009	0.027	0.726	0.01 (-0.04, 0.06)
15497_9	HS3ST1	O14792	211	0.014	0.012	0.237	0.01 (-0.01, 0.04)	0.540	0.065	-0.055	0.024	0.025	-0.06 (-0.10, -0.01)	0.004	0.001	0.004	0.020	0.819	4.50e-03 (-0.03, 0.0	-0.010	0.024	0.672	-0.01 (-0.06, 0.04)
18813_15	DDX19A	Q9NUU7	211	-0.014	0.012	0.237	-0.01 (-0.04, 0.01)	0.540	0.115	-0.030	0.025	0.222	-0.03 (-0.08, 0.02)	0.001	0.444	-0.034	0.024	0.157	-0.03 (-0.08, 0.01)	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)
19370_30	HS3ST4	Q9Y661	211	0.015	0.013	0.237	0.02 (-0.01, 0.04)	0.540	0.044	-0.034	0.025	0.179	-0.03 (-0.08, 0.02)	0.003	0.025	-0.008	0.020	0.672	-0.01 (-0.05, 0.03)	-0.020	0.022	0.357	-0.02 (-0.06, 0.02)
19579_5	DEFA1	P59665	211	0.014	0.012	0.237	0.01 (-0.01, 0.04)	0.540	0.080	-0.056	0.024	0.024	-0.06 (-0.10, -0.01)	0.004	0.001	-0.003	0.019	0.868	-3.22e-03 (-0.04, 0.	-0.025	0.021	0.236	-0.02 (-0.07, 0.02)
2652_15	PLAUR	Q03405	211	0.017	0.014	0.237	0.02 (-0.01, 0.04)	0.540	0.001	-0.007	0.028	0.807	-0.01 (-0.06, 0.05)	0.001	0.333	-0.003	0.021	0.898	-2.71e-03 (-0.04, 0.	-0.004	0.029	0.887	-4.08e-03 (-0.06, 0.05)
3466_8	PRKACA	P17612	211	-0.014	0.012	0.237	-0.01 (-0.04, 0.01)	0.540	0.120	-0.018	0.025	0.460	-0.02 (-0.07, 0.03)	0.000	0.837	-0.018	0.025	0.480	-0.02 (-0.07, 0.03)	-0.022	0.025	0.372	-0.02 (-0.07, 0.03)
8040_9	LEMD1	Q68G75	211	-0.014	0.012	0.237	-0.01 (-0.04, 0.01)	0.540	0.094	-0.076	0.024	0.002	-0.08 (-0.12, -0.03)	0.004	0.003	-0.033	0.019	0.074	-0.03 (-0.07, 3.19e-	-0.056	0.025	0.026	-0.06 (-0.11, -0.01)
19467_3	RBKS	Q9H477	211	0.014	0.012	0.238	0.01 (-0.01, 0.04)	0.541	0.089	-0.046	0.024	0.061	-0.05 (-0.09, 1.92e-03	0.004	0.005	0.007	0.020	0.750	0.01 (-0.03, 0.05)	-0.002	0.023	0.929	-2.04e-03 (-0.05, 0.04)
11827_7	RORC	P51449	211	0.014	0.012	0.240	0.01 (-0.01, 0.04)	0.541	0.080	-0.021	0.024	0.397	-0.02 (-0.07, 0.03)	0.002	0.105	0.006	0.024	0.802	0.01 (-0.04, 0.05)	-0.004	0.023	0.868	-3.84e-03 (-0.05, 0.04)
12442_4	RHOD	O00212	211	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.107	-0.031	0.024	0.196	-0.03 (-0.08, 0.02)	0.003	0.032	-0.013	0.019	0.481	-0.01 (-0.05, 0.02)	-0.037	0.023	0.103	-0.04 (-0.08, 0.01)
17205_21	RAB5A	P20339	211	-0.015	0.013	0.240	-0.01 (-0.04, 0.01)	0.541	0.041	-0.036	0.025	0.157	-0.04 (-0.09, 0.01)	0.001	0.339	-0.042	0.022	0.055	-0.04 (-0.09, 8.65e-	-0.036	0.027	0.177	-0.04 (-0.09, 0.02)
17796_15	IMPA1	P29218	211	0.014	0.012	0.240	0.01 (-0.01, 0.04)	0.541	0.153	-0.024	0.025	0.340	-0.02 (-0.07, 0.03)	0.002	0.085	0.002	0.022	0.943	1.58e-03 (-0.04, 0.0	0.002	0.024	0.939	1.83e-03 (-0.04, 0.05)
2692_74	PLA2G2A	P14555	211	0.015	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.508	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)	0.003	0.028	-0.013	0.024	0.573	-0.01 (-0.06, 0.03)	-0.009	0.026	0.740	-0.01 (-0.06, 0.04)
4125_52	AGER	Q15109	211	-0.017	0.015	0.238	-0.02 (-0.05, 0.01)	0.541	5.94E-06	0.019	0.028	0.507	0.02 (-0.04, 0.07)	-0.002	0.139	0.000	0.025	0.993	-2.25e-04 (-0.05, 0.	0.002	0.024	0.933	2.03e-03 (-0.05, 0.05)
4258_15	PA2G4	Q9UQ80	211	-0.015	0.013	0.239	-0.02 (-0.04, 0.01)	0.541	0.050	-0.053	0.025	0.037	-0.05 (-0.10, -3.59e-0	0.002	0.083	-0.048	0.020	0.018	-0.05 (-0.09, -0.01)	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)
4553_65	HDGFRP2	Q7Z4V5	211	0.014	0.012	0.240	0.01 (-0.01, 0.04)	0.541	0.052	-0.045	0.025	0.067	-0.05 (-0.09, 2.98e-03	0.004	0.006	0.000	0.019	1.000	0.00e+00 (-0.04, 0.	-0.018	0.024	0.441	-0.02 (-0.07, 0.03)
5031_10	SPTAN1	Q13813	211	0.014	0.011	0.238	0.01 (-0.01, 0.04)	0.541	0.267	-0.010	0.023	0.671	-0.01 (-0.05, 0.04)	0.001	0.237	0.001	0.024	0.972	8.20e-04 (-0.05, 0.0	0.004	0.023	0.850	4.31e-03 (-0.04, 0.05)
5494_52	SNRPF	P62306	211	0.028	0.024	0.239	0.03 (-0.02, 0.08)	0.541	9.22E-81	-0.009	0.048	0.850	-0.01 (-0.10, 0.09)	0.002	0.367	-0.017	0.022	0.434	-0.02 (-0.06, 0.03)	0.002	0.023	0.924	2.19e-03 (-0.04, 0.05)
5586_66	MINPP1	Q9UNW1	211	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.080	0.001	0.026	0.955	1.46e-03 (-0.05, 0.05)	0.001	0.566	-0.020	0.023	0.379	-0.02 (-0.06, 0.02)	-0.010	0.026	0.705	-0.01 (-0.06, 0.04)
5671_1	CTRB1	P17538	211	0.031	0.026	0.240	0.03 (-0.02, 0.08)	0.541	9.62E-103	0.084	0.052	0.104	0.08 (-0.02, 0.19)	-0.003	0.230	0.064	0.020	0.002	0.06 (0.02, 0.10)	0.070	0.029	0.016	0.07 (0.01, 0.13)
5807_77	CD70	P32970	211	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.187	-0.026	0.024	0.268	-0.03 (-0.07, 0.02)	0.003	0.052	-0.002	0.024	0.932	-2.06e-03 (-0.05, 0.	0.008	0.022	0.727	0.01 (-0.04, 0.05)
7792_58	CCDC90B	Q9GZT6	211	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.354	-0.048	0.023	0.039	-0.05 (-0.09, -2.80e-0	0.004	0.002	-0.006	0.018	0.760	-0.01 (-0.04, 0.03)	-0.009	0.024	0.699	-0.01 (-0.06, 0.04)
8089_173	NR4A1	P22736	211	0.015	0.013	0.239	0.01 (-0.01, 0.04)	0.541	0.049	-0.028	0.025	0.268	-0.03 (-0.08, 0.02)	0.003	0.054	0.005	0.023	0.827	4.98e-03 (-0.04, 0.0	0.011	0.026	0.668	0.01 (-0.04, 0.06)
8102_239	C1orf186	Q6ZWK4	211	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.541	0.278	-0.044	0.023	0.062	-0.04 (-0.09, 1.97e-03	0.004	0.005	-0.005	0.024	0.832	-0.01 (-0.05, 0.04)	-0.007	0.025	0.773	-0.01 (-0.06, 0.04)
8255_34	MRVI1	Q9Y6F6	211	-0.015	0.013	0.240	-0.01 (-0.04, 0.01)	0.541	0.049	-0.058	0.025	0.021	-0.06 (-0.11, -0.01)	0.003	0.048	-0.054	0.023	0.017	-0.05 (-0.10, -0.01)	-0.039	0.026	0.137	-0.04 (-0.09, 0.01)
13594_158	GGA1	Q9UJY5	211	-0.014	0.012	0.240	-0.01 (-0.04, 0.01)	0.541	0.080	-0.047	0.025	0.066	-0.05 (-0.10, 2.81e-03	0.002	0.136	-0.052	0.022	0.020	-0.05 (-0.10, -0.01)	-0.063	0.026	0.014	-0.06 (-0.11, -0.01)
15503_15	LEFTY2	O00292	211	0.016	0.014	0.240	0.02 (-0.01, 0.04)	0.541	0.003	-0.023	0.027	0.398	-0.02 (-0.08, 0.03)	0.002	0.097	-0.004	0.025	0.876	-3.84e-03 (-0.05, 0.	-0.001	0.026	0.967	-1.07e-03 (-0.05, 0.05)
19222_124	RAB5B	P61020	211	-0.014	0.012	0.240	-0.01 (-0.04, 0.01)	0.541	0.093	-0.035	0.025	0.165	-0.03 (-0.08, 0.01)	0.001	0.333	-0.041	0.021	0.057	-0.04 (-0.08, 1.15e-	-0.046	0.025	0.071	-0.05 (-0.10, 3.73e-03)
4188_1	AKR7A2	O43488	211	-0.014	0.012	0.240	-0.01 (-0.04, 0.01)	0.541	0.084	-0.038	0.025	0.131	-0.04 (-0.09, 0.01)	0.002	0.267	-0.039	0.024	0.108	-0.04 (-0.09, 0.01)	-0.043	0.026	0.100	-0.04 (-0.09, 0.01)
5088_175	IL23R	Q5VWK5	211	-0.014	0.012	0.240	-0.01 (-0.04, 0.01)	0.541	0.065	-0.047	0.025	0.060	-0.05 (-0.10, 1.79e-03	0.002	0.124	-0.050	0.019	0.009	-0.05 (-0.09, -0.01)	-0.058	0.024	0.019	-0.06 (-0.11, -0.01)
9942_2	NXT1	Q9UKK6	211	0.015	0.013	0.240	0.02 (-0.01, 0.04)	0.541	0.029	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)	0.005	0.001	-0.009	0.021	0.646	-0.01 (-0.05, 0.03)	-0.013	0.025	0.602	-0.01 (-0.06, 0.04)
16292_288	GIP	P09681	211	0.015	0.013	0.241	0.01 (-0.01, 0.04)	0.541	0.035	-0.019	0.025	0.439	-0.02 (-0.07, 0.03)	0.002	0.115	-0.005	0.020	0.790	-0.01 (-0.04, 0.03)	-0.036	0.026	0.176	-0.04 (-0.09, 0.02)
16805_5	PDE5A	O76074	211	-0.016	0.013	0.241	-0.02 (-0.04, 0.01)	0.541	0.007	-0.038	0.027	0.159	-0.04 (-0.09, 0.01)	0.001	0.341	-0.052	0.022	0.018	-0.05 (-0.10, -0.01)	-0.055	0.026	0.037	-0.06 (-0.11, -3.54e-03)
5703_26	OLFM1	Q99784	211	0.015	0.013	0.241	0.02 (-0.01, 0.04)	0.541	0.020	-0.017	0.025	0.509	-0.02 (-0.07, 0.03)	0.002	0.144	-0.004	0.025	0.883	-3.68e-03 (-0.05, 0.	-0.014	0.023	0.560	-0.01 (-0.06, 0.03)
9565_6	PAWR	Q96IZ0	211	-0.014	0.012	0.241	-0.01 (-0.04, 0.01)	0.541	0.106	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)	0.003	0.033	-0.048	0.020	0.019	-0.05 (-0.09, -0.01)	-0.063	0.025	0.015	-0.06 (-0.11, -0.01)
8756_41	KCNE5	Q9UJ90	211	0.014	0.012	0.241	0.01 (-0.01, 0.04)	0.542	0.384	-0.032	0.023	0.159	-0.03 (-0.08, 0.01)	0.003	0.021	-0.012	0.020	0.536	-0.01 (-0.05, 0.03)	-0.014	0.023	0.534	-0.01 (-0.06, 0.03)
13485_20	TMEM87B	Q96K49	211	0.014	0.012	0.242	0.01 (-0.01, 0.04)	0.542	0.063	-0.043	0.025	0.083	-0.04 (-0.09, 0.01)	0.004	0.008	-0.021	0.020	0.287	-0.02 (-0.06, 0.02)	-0.023	0.022	0.311	-0.02 (-0.07, 0.02)
19260_4	GIPC1	O14908	211	0.014	0.012	0.242	0.01 (-0.01, 0.04)	0.542	0.255	-0.033	0.023	0.159	-0.03 (-0.08, 0.01)	0.003	0.022	-0.016	0.020	0.425	-0.02 (-0.06, 0.02)	-0.031	0.021	0.143	-0.03 (-0.07, 0.01)
4963_19	ARPP19	P56211	211	-0.014	0.012	0.242	-0.01 (-0.04, 0.01)	0.542	0.072	-0.046	0.025	0.072	-0.05 (-0.10, 3.76e-03	0.002	0.146	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)	-0.036	0.026	0.159	-0.04 (-0.09, 0.01)
10949_59	RPLP2	P05387	211	0.014	0.012	0.242	0.01 (-0.01, 0.04)	0.543	0.200	-0.024	0.024	0.315	-0.02 (-0.07, 0.02)	0.002	0.069	-0.025	0.023	0.270	-0.02 (-0.07, 0.02)	-0.029	0.023	0.213	-0.03 (-0.07, 0.02)
11162_37	EQTN	Q9NQ60	211	0.014	0.012	0.243	0.01 (-0.01, 0.04)	0.543	0.046	-0.036	0.024	0.141	-0.04 (-0.08, 0.01)	0.003	0.017	-0.015	0.021	0.474	-0.01 (-0.06, 0.03)	-0.005	0.022	0.827	-4.83e-03 (-0.05, 0.04)
12587_65	ARL2	P36404	211	0.077	0.066	0.243	0.08 (-0.05, 0.21)	0.543	0.00E+00	0.066	0.131	0.615	0.07 (-0.19, 0.32)	0.001	0.923	-0.025	0.026	0.350	-0.02 (-0.08, 0.03)	-0.016	0.024	0.511	-0.02 (-0.06, 0.03)
12724_81	CIRBP	Q14011	211	-0.014	0.012	0.243	-0.01 (-0.04, 0.01)	0.543	0.053	-0.054	0.026	0.035	-0.05 (-0.10, -4.06e-0	0.003	0.071	-0.054	0.019	0.006	-0.05 (-0.09, -0.02)	-0.069	0.026	0.009	-0.07 (-0.12, -0.02)
12763_69	ZNF334	Q9HCZ1	211	0.014	0.012	0.242	0.01 (-0.01, 0.04)	0.543	0.454	-0.022	0.023	0.338	-0.02 (-0.07, 0.02)	0.002	0.075	0.003	0.024	0.893	3.27e-03 (-0.04, 0.0	-0.003	0.023	0.902	-2.90e-03 (-0.05, 0.04)
13107_9	LYPD3	O95274	211	0.014	0.012	0.243	0.01 (-0.01, 0.04)	0.543	0.536	-0.030	0.024	0.203	-0.03 (-0.08, 0.02)	0.003	0.032	-0.016	0.023	0.484	-0.02 (-0.06, 0.03)	-0.007	0.023	0.754	-0.01 (-0.05, 0.04)
15333_11	SDF2	Q99470	211	0.016	0.014	0.243	0.02 (-0.01, 0.04)	0.543	1.92E-04	-0.035	0.027	0.197	-0.03 (-0.09, 0.02)	0.003	0.030	-0.020	0.021	0.337	-0.02 (-0.06, 0.02)	-0.017	0.023	0.452	-0.02 (-0.06, 0.03)
18348_89	HNRNPD	Q14103	211	-0.015	0.013	0.243	-0.01 (-0.04, 0.01)	0.543	0.046	-0.072	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.009	-0.054	0.020	0.007	-0.05 (-0.09, -0.01)	-0.064	0.024	0.009	-0.06 (-0.11, -0.02)
2612_5	EIF5	P55010	211	0.014	0.012	0.243	0.01 (-0.01, 0.04)	0.543	0.213	-0.029	0.024	0.230	-0.03 (-0.08, 0.02)	0.003	0.041	-0.017	0.023	0.460	-0.02 (-0.06, 0.03)	-0.014	0.025	0.573	-0.01 (-0.06, 0.03)
7096_30	RMDN1	Q96DB5	211	-0.015	0.013	0.243	-0.02 (-0.04, 0.01)	0.543	0.008	-0.041	0.026	0.116	-0.04 (-0.09, 0.01)	0.002	0.253	-0.043	0.022	0.056	-0.04 (-0.09, 1.13e-	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)
7137_8	MSRA	Q9UJ68	211	0.015	0.013	0.243	0.01 (-0.01, 0.04)	0.543	0.042	-0.026	0.025	0.298	-0.03 (-0.07, 0.02)	0.003	0.059	-0.016	0.021	0.451	-0.02 (-0.06, 0.02)	-0.017	0.024	0.466	-0.02 (-0.06, 0.03)
17773_26	NAPG	Q99747	211	-0.015	0.013	0.243	-0.02 (-0.04, 0.01)	0.543	0.032	-0.040	0.026	0.124	-0.04 (-0.09, 0.01)	0.002	0.270	-0.053	0.021	0.012	-0.05 (-0.10, -0.01)	-0.053	0.027	0.051	-0.05 (-0.11, -4.85e-05)
9288_7	FKBP7	Q9Y680	211	-0.015	0.013	0.244	-0.02 (-0.04, 0.01)	0.543	0.007	-0.054	0.026	0.039	-0.05 (-0.11, -2.96e-0	0.002	0.088	-0.046	0.022	0.034	-0.05 (-0.09, -3.38e-	-0.039	0.026	0.144	-0.04 (-0.09, 0.01)
19438_68	SYF2	O95926	211	-0.014	0.012	0.244	-0.01 (-0.04, 0.01)	0.543	0.089	-0.055	0.025	0.027	-0.06 (-0.10, -0.01)	0.003	0.053	-0.063	0.021	0.003	-0.06 (-0.11, -0.02)	-0.065	0.024	0.008	-0.07 (-0.11, -0.02)
13972_4	HSD17B14	Q9BPX1	211	0.013	0.011	0.244	0.01 (-0.01, 0.04)	0.543	0.079	-0.039	0.024	0.104	-0.04 (-0.09, 0.01)	0.003	0.012	0.022	0.024	0.361	0.02 (-0.03, 0.07)	0.014	0.023	0.539	0.01 (-0.03, 0.06)
7738_299	STX2	P32856	211	0.014	0.012	0.244	0.01 (-0.01, 0.04)	0.544	0.055	-0.064	0.024	0.009	-0.06 (-0.11, -0.02)	0.005	2.80E-04	-0.032	0.022	0.154	-0.03 (-0.07, 0.01)	-0.028	0.022	0.221	-0.03 (-0.07, 0.02)
9378_6	FIBCD1	Q8N539	211	0.014	0.012	0.245	0.01 (-0.01, 0.04)	0.545	0.069	-0.046	0.024	0.062	-0.05 (-0.09, 2.07e-03	0.004	0.005	-0.012	0.024	0.603	-0.01 (-0.06, 0.03)	-0.004	0.025	0.861	-4.41e-03 (-0.05, 0.04)
11112_18	TMEM167A	Q8TBQ9	211	0.013	0.012	0.245	0.01 (-0.01, 0.04)	0.545	0.127	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)	0.003	0.018	-0.026	0.022	0.241	-0.03 (-0.07, 0.02)	-0.022	0.024	0.358	-0.02 (-0.07, 0.02)
12619_14	PPM1A	P35813	211	0.013	0.011	0.245	0.01 (-0.01, 0.04)	0.545	0.083	-0.022	0.024	0.360	-0.02 (-0.07, 0.03)	0.002	0.089	-0.001	0.021	0.979	-5.69e-04 (-0.04, 0.	0.003	0.023	0.890	3.14e-03 (-0.04, 0.05)
6398_12	LONP1	P36776	211	-0.014	0.012	0.245	-0.01 (-0.04, 0.01)	0.545	0.100	-0.042	0.025	0.096	-0.04 (-0.09, 0.01)	0.002	0.197	-0.045	0.024	0.057	-0.05 (-0.09, 1.36e-	-0.059	0.024	0.014	-0.06 (-0.11, -0.01)
8935_22	ABCC6	O95255	211	0.013	0.012	0.246	0.01 (-0.01, 0.04)	0.545	0.123	-0.021	0.024	0.389	-0.02 (-0.07, 0.03)	0.002	0.099	0.001	0.024	0.953	1.39e-03 (-0.05, 0.0	0.002	0.025	0.936	2.00e-03 (-0.05, 0.05)
9050_170	RSRP1	Q9BUV0	211	0.014	0.012	0.245	0.01 (-0.01, 0.04)	0.545	0.198	-0.021	0.024	0.381	-0.02 (-0.07, 0.03)	0.002	0.097	-0.009	0.021	0.670	-0.01 (-0.05, 0.03)	-0.011	0.023	0.627	-0.01 (-0.06, 0.03)
12627_97	ATG7	O95352	211	0.013	0.011	0.246	0.01 (-0.01, 0.04)	0.545	0.294	0.000	0.023	0.995	-1.54e-04 (-0.05, 0.05	0.001	0.505	-0.003	0.022	0.888	-3.09e-03 (-0.05, 0.	-0.003	0.024	0.902	-2.92e-03 (-0.05, 0.04)
3340_53	THBS4	P35443	211	0.016	0.014	0.246	0.02 (-0.01, 0.04)	0.545	0.004	-0.020	0.027	0.465	-0.02 (-0.07, 0.03)	0.002	0.128	-0.021	0.021	0.299	-0.02 (-0.06, 0.02)	-0.026	0.025	0.303	-0.03 (-0.08, 0.02)
4909_68	LGALS8	O00214	211	0.014	0.012	0.246	0.01 (-0.01, 0.04)	0.545	0.103	-0.004	0.025	0.885	-3.56e-03 (-0.05, 0.04	0.001	0.419	-0.011	0.023	0.646	-0.01 (-0.06, 0.03)	-0.020	0.023	0.400	-0.02 (-0.06, 0.03)
7888_58	COA3	Q9Y2R0	211	0.014	0.012	0.246	0.01 (-0.01, 0.04)	0.545	0.081	-0.058	0.024	0.018	-0.06 (-0.11, -0.01)	0.005	0.001	-0.011	0.022	0.615	-0.01 (-0.05, 0.03)	-0.005	0.023	0.816	-0.01 (-0.05, 0.04)
9789_52	SYNE2	Q8WXH0	211	-0.014	0.012	0.246	-0.01 (-0.04, 0.01)	0.546	0.148	-0.049	0.024	0.043	-0.05 (-0.10, -1.94e-0	0.002	0.088	-0.032	0.024	0.176	-0.03 (-0.08, 0.01)	-0.029	0.023	0.220	-0.03 (-0.07, 0.02)
4133_54	GZMB	P10144	211	0.016	0.014	0.247	0.02 (-0.01, 0.04)	0.547	1.22E-04	0.009	0.028	0.749	0.01 (-0.05, 0.06)	0.000	0.763	-0.012	0.022	0.586	-0.01 (-0.05, 0.03)	-0.003	0.024	0.911	-2.71e-03 (-0.05, 0.04)
18244_1	ANXA7	P20073	211	-0.014	0.012	0.248	-0.01 (-0.04, 0.01)	0.548	0.053	-0.038	0.025	0.141	-0.04 (-0.09, 0.01)	0.002	0.278	-0.054	0.020	0.008	-0.05 (-0.09, -0.01)	-0.053	0.027	0.048	-0.05 (-0.11, -7.45e-04)
13985_12	SMURF2	Q9HAU4	211	0.014	0.012	0.249	0.01 (-0.01, 0.04)	0.549	0.338	-0.033	0.023	0.154	-0.03 (-0.08, 0.01)	0.003	0.021	0.009	0.021	0.679	0.01 (-0.03, 0.05)	0.007	0.023	0.776	0.01 (-0.04, 0.05)
17791_25	HPCAL1	P37235	211	-0.014	0.012	0.249	-0.01 (-0.04, 0.01)	0.549	0.417	-0.057	0.024	0.015	-0.06 (-0.10, -0.01)	0.003	0.032	-0.041	0.023	0.075	-0.04 (-0.09, 4.16e-	-0.047	0.024	0.052	-0.05 (-0.09, 1.96e-04)
18863_176	CHST2	Q9Y4C5	211	0.015	0.013	0.249	0.01 (-0.01, 0.04)	0.549	0.006	-0.025	0.026	0.322	-0.03 (-0.08, 0.02)	0.003	0.069	-0.009	0.022	0.695	-0.01 (-0.05, 0.03)	-0.007	0.023	0.773	-0.01 (-0.05, 0.04)
5238_26	PPIE	Q9UNP9	211	-0.014	0.012	0.249	-0.01 (-0.04, 0.01)	0.549	0.116	-0.039	0.025	0.118	-0.04 (-0.09, 0.01)	0.002	0.240	-0.036	0.020	0.070	-0.04 (-0.07, 3.00e-	-0.049	0.023	0.036	-0.05 (-0.09, -3.63e-03)
4232_19	IGF1R	P08069	211	0.016	0.014	0.249	0.02 (-0.01, 0.04)	0.549	0.002	0.070	0.027	0.008	0.07 (0.02, 0.12)	-0.003	0.017	0.004	0.025	0.863	4.34e-03 (-0.05, 0.0	0.018	0.026	0.504	0.02 (-0.03, 0.07)
5825_49	IFNGR1	P15260	211	0.013	0.012	0.249	0.01 (-0.01, 0.04)	0.549	0.752	0.012	0.023	0.591	0.01 (-0.03, 0.06)	0.000	0.959	-0.002	0.023	0.926	-2.09e-03 (-0.05, 0.	0.007	0.026	0.784	0.01 (-0.04, 0.06)
14019_73	EVPL	Q92817	211	0.013	0.011	0.249	0.01 (-0.01, 0.04)	0.550	0.424	-0.011	0.023	0.629	-0.01 (-0.06, 0.03)	0.002	0.220	0.016	0.023	0.503	0.02 (-0.03, 0.06)	0.019	0.022	0.404	0.02 (-0.03, 0.06)
4956_2	EREG	O14944	211	-0.014	0.012	0.249	-0.01 (-0.04, 0.01)	0.550	0.147	-0.017	0.025	0.485	-0.02 (-0.07, 0.03)	0.000	0.865	-0.029	0.021	0.168	-0.03 (-0.07, 0.01)	-0.025	0.025	0.316	-0.02 (-0.07, 0.02)
12695_62	KLHL12	Q53G59	211	0.013	0.012	0.250	0.01 (-0.01, 0.04)	0.551	0.220	-0.013	0.024	0.579	-0.01 (-0.06, 0.03)	0.002	0.197	-0.003	0.023	0.905	-2.80e-03 (-0.05, 0.	-0.001	0.023	0.970	-8.61e-04 (-0.05, 0.04)
15434_5	PNOC	Q13519	211	0.015	0.013	0.250	0.01 (-0.01, 0.04)	0.551	0.036	-0.049	0.025	0.047	-0.05 (-0.10, -1.01e-0	0.004	0.003	-0.024	0.022	0.277	-0.02 (-0.07, 0.02)	-0.011	0.023	0.638	-0.01 (-0.06, 0.03)
4249_64	NME2	P22392	211	-0.014	0.012	0.250	-0.01 (-0.04, 0.01)	0.551	0.061	-0.033	0.025	0.199	-0.03 (-0.08, 0.02)	0.001	0.386	-0.044	0.022	0.044	-0.04 (-0.09, -1.13e-	-0.047	0.024	0.047	-0.05 (-0.09, -8.36e-04)
6918_183	CCK	P06307	211	0.015	0.013	0.251	0.02 (-0.01, 0.04)	0.551	0.011	-0.004	0.027	0.875	-4.20e-03 (-0.06, 0.05	0.001	0.397	-0.007	0.025	0.778	-0.01 (-0.06, 0.04)	-0.009	0.029	0.757	-0.01 (-0.07, 0.05)
7890_68	DPP10	Q8N608	211	0.013	0.012	0.251	0.01 (-0.01, 0.04)	0.551	0.155	-0.034	0.024	0.162	-0.03 (-0.08, 0.01)	0.003	0.024	-0.014	0.020	0.474	-0.01 (-0.05, 0.02)	-0.022	0.024	0.343	-0.02 (-0.07, 0.02)
8520_8	ADAM30	Q9UKF2	211	0.015	0.013	0.251	0.01 (-0.01, 0.04)	0.551	0.022	-0.048	0.025	0.056	-0.05 (-0.10, 8.62e-04	0.004	0.004	-0.001	0.019	0.958	-1.01e-03 (-0.04, 0.	-0.019	0.021	0.366	-0.02 (-0.06, 0.02)
8767_44	ECE1	P42892	211	0.016	0.014	0.250	0.02 (-0.01, 0.04)	0.551	0.001	-0.063	0.026	0.017	-0.06 (-0.11, -0.01)	0.005	0.001	-0.007	0.023	0.751	-0.01 (-0.05, 0.04)	-0.005	0.023	0.823	-0.01 (-0.05, 0.04)
8899_75	UGT1A8	Q9HAW9	211	0.013	0.012	0.250	0.01 (-0.01, 0.04)	0.551	0.231	0.000	0.024	0.994	-1.93e-04 (-0.05, 0.05	0.001	0.514	0.009	0.023	0.694	0.01 (-0.04, 0.06)	0.007	0.024	0.764	0.01 (-0.04, 0.05)
9875_107	THOC1	Q96FV9	211	0.013	0.012	0.250	0.01 (-0.01, 0.04)	0.551	0.154	-0.052	0.024	0.030	-0.05 (-0.10, -0.01)	0.004	0.002	-0.022	0.022	0.315	-0.02 (-0.06, 0.02)	-0.014	0.024	0.545	-0.01 (-0.06, 0.03)
5227_60	PDK1	Q15118	211	-0.013	0.012	0.251	-0.01 (-0.04, 0.01)	0.551	0.180	-0.031	0.024	0.209	-0.03 (-0.08, 0.02)	0.001	0.414	-0.025	0.025	0.313	-0.02 (-0.07, 0.02)	-0.016	0.023	0.473	-0.02 (-0.06, 0.03)
18303_39	NRGN	Q92686	211	-0.014	0.012	0.251	-0.01 (-0.04, 0.01)	0.551	0.143	-0.007	0.025	0.774	-0.01 (-0.06, 0.04)	0.000	0.763	-0.009	0.026	0.720	-0.01 (-0.06, 0.04)	-0.005	0.024	0.821	-0.01 (-0.05, 0.04)
4355_13	DAPK2	Q9UIK4	211	-0.016	0.014	0.251	-0.02 (-0.04, 0.01)	0.551	0.001	-0.036	0.027	0.182	-0.04 (-0.09, 0.02)	0.001	0.379	-0.045	0.024	0.061	-0.05 (-0.09, 2.03e-	-0.048	0.025	0.059	-0.05 (-0.10, 1.59e-03)
7178_59	DEPP	Q9NTK1	211	0.013	0.011	0.252	0.01 (-0.01, 0.04)	0.553	1.000	0.016	0.023	0.484	0.02 (-0.03, 0.06)	0.000	0.887	0.015	0.023	0.518	0.01 (-0.03, 0.06)	0.014	0.024	0.558	0.01 (-0.03, 0.06)
10003_15	ZNF41	P51814	211	0.013	0.012	0.253	0.01 (-0.01, 0.04)	0.553	0.065	-0.061	0.024	0.010	-0.06 (-0.11, -0.01)	0.005	3.43E-04	-0.037	0.020	0.071	-0.04 (-0.08, 3.13e-	-0.045	0.023	0.050	-0.04 (-0.09, -2.99e-04)
17151_84	IRF3	Q14653	211	-0.014	0.012	0.253	-0.01 (-0.04, 0.01)	0.554	0.072	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)	0.002	0.177	-0.053	0.021	0.012	-0.05 (-0.09, -0.01)	-0.062	0.025	0.015	-0.06 (-0.11, -0.01)
3459_49	PDGFRB	P09619	211	-0.014	0.012	0.253	-0.01 (-0.04, 0.01)	0.554	0.999	-0.011	0.024	0.638	-0.01 (-0.06, 0.04)	0.000	0.903	-0.025	0.022	0.270	-0.02 (-0.07, 0.02)	-0.020	0.025	0.431	-0.02 (-0.07, 0.03)
5178_5	PDE7A	Q13946	211	0.013	0.012	0.253	0.01 (-0.01, 0.04)	0.554	0.075	-0.050	0.024	0.039	-0.05 (-0.10, -2.85e-0	0.004	0.003	-0.006	0.020	0.755	-0.01 (-0.04, 0.03)	-0.005	0.023	0.824	-0.01 (-0.05, 0.04)
3839_60	AIP	O00170	211	-0.015	0.013	0.253	-0.01 (-0.04, 0.01)	0.554	0.043	-0.036	0.026	0.165	-0.04 (-0.09, 0.01)	0.001	0.346	-0.053	0.022	0.015	-0.05 (-0.10, -0.01)	-0.053	0.026	0.043	-0.05 (-0.10, -1.97e-03)
18888_37	FABP12	A6NFH5	211	0.013	0.012	0.253	0.01 (-0.01, 0.04)	0.554	0.308	-0.046	0.023	0.048	-0.05 (-0.09, -6.27e-0	0.004	0.003	-0.019	0.019	0.328	-0.02 (-0.06, 0.02)	-0.025	0.025	0.302	-0.03 (-0.07, 0.02)
9984_12	YIPF6	Q96EC8	211	0.013	0.012	0.254	0.01 (-0.01, 0.04)	0.554	0.166	-0.048	0.024	0.047	-0.05 (-0.09, -8.75e-0	0.004	0.003	-0.027	0.021	0.208	-0.03 (-0.07, 0.02)	-0.023	0.023	0.325	-0.02 (-0.07, 0.02)
11220_53	C10orf105	Q8TEF2	211	0.014	0.013	0.254	0.01 (-0.01, 0.04)	0.555	0.048	-0.051	0.024	0.037	-0.05 (-0.10, -3.39e-0	0.004	0.002	-0.006	0.024	0.798	-0.01 (-0.05, 0.04)	-0.003	0.021	0.879	-3.28e-03 (-0.05, 0.04)
11381_56	PRPS1	P60891	211	0.013	0.012	0.255	0.01 (-0.01, 0.04)	0.555	0.173	-0.034	0.024	0.158	-0.03 (-0.08, 0.01)	0.003	0.024	-0.022	0.021	0.308	-0.02 (-0.06, 0.02)	-0.015	0.023	0.524	-0.01 (-0.06, 0.03)
13506_10	DUS2	Q9NX74	211	0.015	0.013	0.255	0.01 (-0.01, 0.04)	0.555	0.033	-0.053	0.025	0.035	-0.05 (-0.10, -4.12e-0	0.004	0.002	-0.004	0.021	0.856	-3.73e-03 (-0.04, 0.	-0.010	0.023	0.667	-0.01 (-0.06, 0.04)
17744_31	RAB11A	P62491	211	-0.013	0.012	0.255	-0.01 (-0.04, 0.01)	0.555	0.202	-0.034	0.024	0.159	-0.03 (-0.08, 0.01)	0.001	0.320	-0.047	0.020	0.017	-0.05 (-0.09, -0.01)	-0.050	0.024	0.042	-0.05 (-0.10, -2.14e-03)
18213_30	UBE2F	Q969M7	211	-0.013	0.012	0.254	-0.01 (-0.04, 0.01)	0.555	0.083	-0.050	0.025	0.047	-0.05 (-0.10, -1.04e-0	0.002	0.092	-0.044	0.022	0.044	-0.04 (-0.09, -1.09e-	-0.040	0.023	0.085	-0.04 (-0.08, 0.01)
2750_3	APOA1	P02647	211	0.016	0.014	0.254	0.02 (-0.01, 0.04)	0.555	6.37E-05	-0.007	0.029	0.796	-0.01 (-0.06, 0.05)	0.001	0.337	0.037	0.025	0.140	0.04 (-0.01, 0.09)	0.035	0.026	0.187	0.03 (-0.02, 0.09)
4254_6	NUDCD3	Q8IVD9	211	-0.013	0.012	0.254	-0.01 (-0.04, 0.01)	0.555	0.107	-0.046	0.024	0.063	-0.05 (-0.09, 2.22e-03	0.002	0.127	-0.024	0.020	0.229	-0.02 (-0.06, 0.02)	-0.037	0.023	0.115	-0.04 (-0.08, 0.01)
4721_54	TFF3	Q07654	211	0.016	0.014	0.255	0.02 (-0.01, 0.04)	0.555	3.15E-04	-0.004	0.027	0.892	-3.70e-03 (-0.06, 0.05	0.001	0.409	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)	-0.001	0.024	0.978	-6.65e-04 (-0.05, 0.05)
6966_144	STX1B	P61266	211	0.015	0.013	0.254	0.01 (-0.01, 0.04)	0.555	0.017	-0.037	0.025	0.150	-0.04 (-0.09, 0.01)	0.003	0.020	-0.013	0.023	0.566	-0.01 (-0.06, 0.03)	0.000	0.023	0.998	4.48e-05 (-0.04, 0.04)
7240_2	MBTPS1	Q14703	211	0.013	0.011	0.255	0.01 (-0.01, 0.04)	0.555	0.719	-0.005	0.021	0.834	-4.51e-03 (-0.05, 0.04	0.001	0.340	0.000	0.023	0.998	-5.93e-05 (-0.05, 0.	0.017	0.022	0.432	0.02 (-0.03, 0.06)
8889_5	CCPG1	Q9ULG6	211	0.013	0.012	0.255	0.01 (-0.01, 0.04)	0.555	0.112	-0.060	0.024	0.012	-0.06 (-0.11, -0.01)	0.005	4.24E-04	-0.017	0.019	0.374	-0.02 (-0.05, 0.02)	-0.030	0.025	0.235	-0.03 (-0.08, 0.02)
9182_3	LRP1	Q07954	211	-0.013	0.012	0.255	-0.01 (-0.04, 0.01)	0.555	0.239	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)	0.002	0.215	-0.023	0.024	0.336	-0.02 (-0.07, 0.02)	-0.011	0.024	0.659	-0.01 (-0.06, 0.04)
9739_4	MSH2	P43246	211	0.013	0.012	0.255	0.01 (-0.01, 0.04)	0.555	0.109	-0.033	0.024	0.170	-0.03 (-0.08, 0.01)	0.003	0.027	-0.014	0.020	0.486	-0.01 (-0.05, 0.03)	-0.015	0.022	0.512	-0.01 (-0.06, 0.03)
15560_52	TCN2	P20062	211	0.012	0.010	0.256	0.01 (-0.01, 0.03)	0.555	0.008	-0.019	0.020	0.351	-0.02 (-0.06, 0.02)	0.002	0.083	0.002	0.017	0.895	2.32e-03 (-0.03, 0.0	0.003	0.019	0.886	2.65e-03 (-0.03, 0.04)
4122_12	DDR1	Q08345	211	0.013	0.012	0.256	0.01 (-0.01, 0.04)	0.555	0.372	-0.037	0.023	0.107	-0.04 (-0.08, 0.01)	0.003	0.012	-0.025	0.022	0.239	-0.03 (-0.07, 0.02)	-0.017	0.024	0.488	-0.02 (-0.06, 0.03)
11548_84	CDC25A	P30304	211	0.013	0.011	0.256	0.01 (-0.01, 0.03)	0.555	0.859	-0.013	0.022	0.552	-0.01 (-0.06, 0.03)	0.002	0.177	0.005	0.023	0.824	0.01 (-0.04, 0.05)	0.000	0.021	0.997	-7.69e-05 (-0.04, 0.04)
8631_13	ERMAP	Q96PL5	211	0.013	0.012	0.256	0.01 (-0.01, 0.04)	0.555	0.141	-0.023	0.024	0.348	-0.02 (-0.07, 0.02)	0.002	0.086	-0.026	0.021	0.223	-0.03 (-0.07, 0.02)	-0.020	0.022	0.361	-0.02 (-0.06, 0.02)
11377_19	ADH7	P40394	211	0.013	0.012	0.256	0.01 (-0.01, 0.04)	0.555	0.063	-0.054	0.024	0.026	-0.05 (-0.10, -0.01)	0.004	0.001	0.004	0.025	0.864	4.29e-03 (-0.04, 0.0	0.009	0.023	0.691	0.01 (-0.04, 0.05)
16872_248	GSTZ1	O43708	211	0.011	0.010	0.257	0.01 (-0.01, 0.03)	0.556	0.544	-0.002	0.020	0.925	-1.86e-03 (-0.04, 0.04	0.001	0.442	-0.011	0.019	0.540	-0.01 (-0.05, 0.02)	-0.010	0.019	0.604	-0.01 (-0.05, 0.03)
4978_54	DBNL	Q9UJU6	211	-0.013	0.012	0.257	-0.01 (-0.04, 0.01)	0.556	0.064	-0.042	0.025	0.102	-0.04 (-0.09, 0.01)	0.002	0.201	-0.057	0.021	0.008	-0.06 (-0.10, -0.02)	-0.056	0.024	0.019	-0.06 (-0.10, -0.01)
18842_24	UBE2D2	P62837	211	0.015	0.013	0.257	0.01 (-0.01, 0.04)	0.557	0.030	-0.035	0.025	0.163	-0.04 (-0.08, 0.01)	0.003	0.023	-0.012	0.022	0.587	-0.01 (-0.06, 0.03)	-0.016	0.022	0.453	-0.02 (-0.06, 0.03)
3844_2	PPIA	P62937	211	-0.013	0.012	0.257	-0.01 (-0.04, 0.01)	0.557	0.101	-0.039	0.025	0.123	-0.04 (-0.09, 0.01)	0.002	0.244	-0.039	0.022	0.079	-0.04 (-0.08, 4.46e-	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)
9941_70	PCDHB1	Q9Y5F3	211	0.015	0.013	0.258	0.01 (-0.01, 0.04)	0.558	0.018	-0.066	0.025	0.010	-0.07 (-0.12, -0.02)	0.005	2.85E-04	-0.016	0.022	0.468	-0.02 (-0.06, 0.03)	-0.019	0.023	0.426	-0.02 (-0.06, 0.03)
11167_6	MTMR1	Q13613	211	0.014	0.013	0.258	0.01 (-0.01, 0.04)	0.558	0.044	-0.054	0.025	0.031	-0.05 (-0.10, -0.01)	0.004	0.002	-0.004	0.019	0.854	-3.55e-03 (-0.04, 0.	-0.002	0.024	0.939	-1.82e-03 (-0.05, 0.05)
11160_56	RNF122	Q9H9V4	211	0.016	0.014	0.259	0.02 (-0.01, 0.04)	0.559	0.001	-0.051	0.027	0.059	-0.05 (-0.10, 1.57e-03	0.004	0.004	-0.010	0.020	0.613	-0.01 (-0.05, 0.03)	-0.016	0.024	0.508	-0.02 (-0.06, 0.03)
11202_70	TBX5	Q99593	211	0.015	0.013	0.259	0.01 (-0.01, 0.04)	0.559	0.004	-0.054	0.025	0.037	-0.05 (-0.10, -3.66e-0	0.004	0.002	-0.017	0.022	0.430	-0.02 (-0.06, 0.03)	-0.010	0.023	0.673	-0.01 (-0.05, 0.04)
3469_74	RPS6KA3	P51812	211	-0.013	0.012	0.259	-0.01 (-0.04, 0.01)	0.559	0.050	-0.030	0.025	0.231	-0.03 (-0.08, 0.02)	0.001	0.435	-0.046	0.023	0.049	-0.05 (-0.09, -2.34e-	-0.040	0.024	0.101	-0.04 (-0.09, 0.01)
6367_66	FMOD	Q06828	211	-0.015	0.013	0.259	-0.02 (-0.04, 0.01)	0.559	0.014	0.014	0.027	0.592	0.01 (-0.04, 0.07)	-0.002	0.202	0.005	0.026	0.847	0.01 (-0.05, 0.06)	0.019	0.027	0.478	0.02 (-0.03, 0.07)
16915_153	SEMA4A	Q9H3S1	211	0.017	0.015	0.259	0.02 (-0.01, 0.05)	0.559	4.30E-05	0.015	0.030	0.610	0.02 (-0.04, 0.07)	0.000	0.948	-0.008	0.020	0.672	-0.01 (-0.05, 0.03)	-0.009	0.027	0.739	-0.01 (-0.06, 0.04)
8633_18	RNF128	Q8TEB7	211	0.014	0.013	0.259	0.01 (-0.01, 0.04)	0.559	0.041	-0.072	0.024	0.004	-0.07 (-0.12, -0.02)	0.005	5.86E-05	-0.022	0.023	0.357	-0.02 (-0.07, 0.02)	-0.023	0.023	0.314	-0.02 (-0.07, 0.02)
13025_4	FRS2	Q8WU20	211	0.013	0.012	0.260	0.01 (-0.01, 0.04)	0.560	0.155	-0.048	0.024	0.050	-0.05 (-0.09, -3.55e-0	0.004	0.004	-0.019	0.022	0.393	-0.02 (-0.06, 0.02)	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)
10981_56	NRG3	P56975	211	0.013	0.011	0.260	0.01 (-0.01, 0.04)	0.560	0.634	-0.005	0.023	0.839	-4.59e-03 (-0.05, 0.04	0.001	0.370	-0.006	0.024	0.801	-0.01 (-0.05, 0.04)	0.002	0.023	0.939	1.77e-03 (-0.04, 0.05)
6231_46	STC2	O76061	211	0.013	0.012	0.260	0.01 (-0.01, 0.04)	0.560	0.120	-0.016	0.024	0.524	-0.02 (-0.06, 0.03)	0.002	0.174	-0.005	0.024	0.850	-4.56e-03 (-0.05, 0.	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)
11456_2	MAGEB10	Q96LZ2	211	0.015	0.013	0.261	0.02 (-0.01, 0.04)	0.561	0.003	-0.054	0.026	0.040	-0.05 (-0.10, -2.85e-0	0.004	0.002	-0.008	0.020	0.677	-0.01 (-0.05, 0.03)	-0.010	0.024	0.684	-0.01 (-0.06, 0.04)
13472_35	HDHD2	Q9H0R4	211	-0.013	0.012	0.261	-0.01 (-0.04, 0.01)	0.562	0.104	-0.033	0.025	0.181	-0.03 (-0.08, 0.02)	0.001	0.350	-0.050	0.022	0.022	-0.05 (-0.09, -0.01)	-0.044	0.025	0.076	-0.04 (-0.09, 4.44e-03)
16561_9	A1BG	P04217	211	0.018	0.016	0.261	0.02 (-0.01, 0.05)	0.562	1.85E-11	0.002	0.032	0.944	2.28e-03 (-0.06, 0.07)	0.001	0.571	0.025	0.026	0.321	0.03 (-0.02, 0.08)	0.026	0.024	0.293	0.03 (-0.02, 0.07)
8815_1	OLFML1	Q6UWY5	211	0.013	0.012	0.261	0.01 (-0.01, 0.04)	0.562	0.091	-0.040	0.025	0.108	-0.04 (-0.09, 0.01)	0.003	0.013	-0.015	0.023	0.517	-0.02 (-0.06, 0.03)	-0.014	0.022	0.539	-0.01 (-0.06, 0.03)
12389_4	ORC6L	Q9Y5N6	211	0.014	0.013	0.262	0.01 (-0.01, 0.04)	0.562	0.039	-0.050	0.025	0.045	-0.05 (-0.10, -1.36e-0	0.004	0.003	-0.018	0.020	0.380	-0.02 (-0.06, 0.02)	-0.021	0.023	0.350	-0.02 (-0.07, 0.02)
11572_4	DNM2	P50570	211	-0.013	0.012	0.262	-0.01 (-0.04, 0.01)	0.562	0.084	-0.037	0.025	0.137	-0.04 (-0.09, 0.01)	0.002	0.267	-0.047	0.021	0.029	-0.05 (-0.09, -4.82e-	-0.054	0.026	0.038	-0.05 (-0.10, -3.39e-03)
12712_9	HMG20A	Q9NP66	211	0.014	0.013	0.263	0.01 (-0.01, 0.04)	0.562	0.011	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)	0.004	0.009	-0.015	0.022	0.500	-0.01 (-0.06, 0.03)	-0.010	0.024	0.680	-0.01 (-0.06, 0.04)
18299_13	CAPNS1	P04632	211	-0.016	0.015	0.262	-0.02 (-0.04, 0.01)	0.562	5.00E-06	-0.039	0.029	0.174	-0.04 (-0.10, 0.02)	0.001	0.355	-0.046	0.023	0.046	-0.05 (-0.09, -7.38e-	-0.046	0.024	0.055	-0.05 (-0.09, 6.33e-04)
19289_29	UROD	P06132	211	0.014	0.013	0.262	0.01 (-0.01, 0.04)	0.562	0.030	-0.022	0.025	0.379	-0.02 (-0.07, 0.03)	0.002	0.094	0.002	0.022	0.933	1.86e-03 (-0.04, 0.0	0.002	0.022	0.923	2.17e-03 (-0.04, 0.05)
19297_4	G6PD	P11413	211	-0.013	0.012	0.263	-0.01 (-0.04, 0.01)	0.562	0.110	-0.043	0.025	0.088	-0.04 (-0.09, 0.01)	0.002	0.174	-0.052	0.022	0.019	-0.05 (-0.10, -0.01)	-0.057	0.026	0.031	-0.06 (-0.11, -0.01)
19347_37	CA12	O43570	211	0.013	0.012	0.263	0.01 (-0.01, 0.04)	0.562	0.270	-0.029	0.024	0.221	-0.03 (-0.08, 0.02)	0.003	0.041	-0.005	0.019	0.804	-4.65e-03 (-0.04, 0.	-0.024	0.024	0.311	-0.02 (-0.07, 0.02)
3854_24	NACA	Q13765	211	-0.013	0.012	0.263	-0.01 (-0.04, 0.01)	0.562	0.121	-0.047	0.025	0.061	-0.05 (-0.10, 1.89e-03	0.002	0.120	-0.063	0.020	0.002	-0.06 (-0.10, -0.02)	-0.063	0.026	0.014	-0.06 (-0.11, -0.01)
5667_3	SEMA3B	Q13214	211	0.013	0.012	0.262	0.01 (-0.01, 0.04)	0.562	0.160	-0.072	0.024	0.003	-0.07 (-0.12, -0.03)	0.005	4.11E-05	-0.008	0.019	0.687	-0.01 (-0.05, 0.03)	-0.030	0.022	0.167	-0.03 (-0.07, 0.01)
6495_14	EDN1	P05305	211	0.013	0.012	0.263	0.01 (-0.01, 0.04)	0.562	0.200	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)	0.003	0.030	-0.004	0.018	0.830	-3.84e-03 (-0.04, 0.	-0.020	0.024	0.389	-0.02 (-0.07, 0.03)
6929_10	ST8SIA3	O43173	211	0.013	0.012	0.262	0.01 (-0.01, 0.04)	0.562	0.165	-0.018	0.024	0.442	-0.02 (-0.07, 0.03)	0.002	0.130	-0.013	0.022	0.538	-0.01 (-0.06, 0.03)	-0.015	0.025	0.551	-0.01 (-0.06, 0.03)
9340_17	FKBP14	Q9NWM8	211	-0.014	0.013	0.263	-0.01 (-0.04, 0.01)	0.562	0.038	-0.042	0.025	0.100	-0.04 (-0.09, 0.01)	0.002	0.210	-0.049	0.021	0.019	-0.05 (-0.09, -0.01)	-0.050	0.024	0.040	-0.05 (-0.10, -2.50e-03)
11692_21	SHC4	Q6S5L8	211	0.013	0.012	0.264	0.01 (-0.01, 0.04)	0.563	0.366	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)	0.004	0.001	-0.003	0.019	0.881	-2.89e-03 (-0.04, 0.	-0.018	0.023	0.438	-0.02 (-0.06, 0.03)
14106_46	RAP1GDS1	P52306	211	-0.013	0.012	0.264	-0.01 (-0.04, 0.01)	0.563	0.052	-0.025	0.026	0.331	-0.02 (-0.07, 0.03)	0.001	0.600	-0.037	0.024	0.113	-0.04 (-0.08, 0.01)	-0.037	0.024	0.123	-0.04 (-0.08, 0.01)
15361_37	ANKRD1	Q15327	211	0.013	0.012	0.264	0.01 (-0.01, 0.04)	0.563	0.068	-0.036	0.025	0.148	-0.04 (-0.08, 0.01)	0.003	0.023	-0.007	0.022	0.767	-0.01 (-0.05, 0.04)	-0.012	0.022	0.599	-0.01 (-0.05, 0.03)
17765_3	SNUPN	O95149	211	-0.015	0.013	0.264	-0.01 (-0.04, 0.01)	0.563	0.020	-0.035	0.026	0.173	-0.04 (-0.09, 0.02)	0.001	0.353	-0.037	0.020	0.066	-0.04 (-0.08, 2.55e-	-0.041	0.024	0.096	-0.04 (-0.09, 0.01)
18206_18	ADH6	P28332	211	-0.013	0.012	0.264	-0.01 (-0.04, 0.01)	0.563	0.204	-0.029	0.025	0.241	-0.03 (-0.08, 0.02)	0.001	0.462	-0.047	0.023	0.039	-0.05 (-0.09, -2.44e-	-0.040	0.025	0.109	-0.04 (-0.09, 0.01)
7132_55	C1QL4	Q86Z23	211	0.013	0.012	0.264	0.01 (-0.01, 0.04)	0.563	0.186	-0.059	0.024	0.013	-0.06 (-0.11, -0.01)	0.005	4.60E-04	-0.030	0.019	0.106	-0.03 (-0.07, 0.01)	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)
9751_72	YBX1	P67809	211	0.016	0.014	0.264	0.02 (-0.01, 0.04)	0.563	2.39E-04	-0.070	0.027	0.011	-0.07 (-0.12, -0.02)	0.005	3.25E-04	-0.020	0.020	0.303	-0.02 (-0.06, 0.02)	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)
9865_40	UBE2B	P63146	211	0.014	0.013	0.264	0.01 (-0.01, 0.04)	0.563	0.005	-0.048	0.025	0.057	-0.05 (-0.10, 1.14e-03	0.004	0.004	-0.028	0.019	0.135	-0.03 (-0.06, 0.01)	-0.032	0.022	0.159	-0.03 (-0.08, 0.01)
9897_9	MCM6	Q14566	211	0.013	0.012	0.264	0.01 (-0.01, 0.04)	0.563	0.100	-0.042	0.024	0.089	-0.04 (-0.09, 0.01)	0.003	0.010	-0.010	0.019	0.585	-0.01 (-0.05, 0.03)	-0.014	0.024	0.550	-0.01 (-0.06, 0.03)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
9957_9	RNF114	Q9Y508	211	0.014	0.013	0.264	0.01 (-0.01, 0.04)	0.563	0.019	-0.027	0.025	0.284	-0.03 (-0.08, 0.02)	0.003	0.057	-0.024	0.022	0.280	-0.02 (-0.07, 0.02)	-0.021	0.024	0.367	-0.02 (-0.07, 0.02)
13498_1	MIOX	Q9UGB7	211	0.014	0.013	0.265	0.01 (-0.01, 0.04)	0.563	0.031	-0.032	0.025	0.193	-0.03 (-0.08, 0.02)	0.003	0.031	-0.023	0.022	0.299	-0.02 (-0.07, 0.02)	-0.024	0.024	0.316	-0.02 (-0.07, 0.02)
3022_4	CTLA4	P16410	211	0.014	0.013	0.265	0.01 (-0.01, 0.04)	0.564	0.013	-0.009	0.025	0.736	-0.01 (-0.06, 0.04)	0.001	0.301	-0.003	0.024	0.883	-3.45e-03 (-0.05, 0.0	0.004	0.023	0.848	4.39e-03 (-0.04, 0.05)
6210_100	IFNA5	P01569	211	0.013	0.012	0.265	0.01 (-0.01, 0.04)	0.564	0.105	-0.056	0.024	0.021	-0.06 (-0.10, -0.01)	0.004	0.001	-0.024	0.021	0.260	-0.02 (-0.06, 0.02)	-0.019	0.025	0.437	-0.02 (-0.07, 0.03)
7815_49	IGFBPL1	Q8WX77	211	0.013	0.012	0.265	0.01 (-0.01, 0.04)	0.564	0.737	-0.042	0.023	0.072	-0.04 (-0.09, 3.45e-03	0.003	0.007	-0.024	0.020	0.235	-0.02 (-0.06, 0.02)	-0.019	0.024	0.424	-0.02 (-0.07, 0.03)
13978_122	TBX3	O15119	211	0.013	0.012	0.266	0.01 (-0.01, 0.04)	0.564	0.498	-0.007	0.023	0.752	-0.01 (-0.05, 0.04)	0.001	0.311	-0.007	0.021	0.750	-0.01 (-0.05, 0.03)	-0.010	0.023	0.680	-0.01 (-0.05, 0.04)
2632_5	IL12RB1	P42701	211	0.013	0.012	0.266	0.01 (-0.01, 0.04)	0.564	0.191	-0.039	0.024	0.100	-0.04 (-0.09, 0.01)	0.003	0.012	-0.006	0.021	0.786	-0.01 (-0.05, 0.04)	0.000	0.025	0.996	-1.41e-04 (-0.05, 0.05)
9057_19	ADRM1	Q16186	211	0.014	0.013	0.266	0.01 (-0.01, 0.04)	0.564	0.021	-0.033	0.025	0.197	-0.03 (-0.08, 0.02)	0.003	0.033	-0.022	0.020	0.251	-0.02 (-0.06, 0.02)	-0.032	0.022	0.154	-0.03 (-0.08, 0.01)
9840_2	CDC42	P60953	211	-0.014	0.013	0.266	-0.01 (-0.04, 0.01)	0.565	0.031	-0.032	0.026	0.211	-0.03 (-0.08, 0.02)	0.001	0.423	-0.046	0.022	0.038	-0.05 (-0.09, -2.60e-	-0.052	0.025	0.042	-0.05 (-0.10, -2.26e-03)
10070_22	PLCG2	P16885	211	-0.013	0.012	0.267	-0.01 (-0.04, 0.01)	0.565	0.150	-0.042	0.025	0.092	-0.04 (-0.09, 0.01)	0.002	0.182	-0.043	0.022	0.051	-0.04 (-0.09, 2.14e-	-0.040	0.025	0.105	-0.04 (-0.09, 0.01)
2201_17	COL18A1	P39060	211	0.015	0.014	0.267	0.02 (-0.01, 0.04)	0.565	0.003	-0.015	0.027	0.578	-0.02 (-0.07, 0.04)	0.002	0.196	0.017	0.025	0.508	0.02 (-0.03, 0.07)	0.005	0.025	0.836	0.01 (-0.04, 0.05)
3331_8	RGMB	Q6NW40	211	-0.016	0.014	0.267	-0.02 (-0.04, 0.01)	0.565	1.82E-04	0.022	0.028	0.449	0.02 (-0.03, 0.08)	-0.002	0.129	-0.010	0.026	0.717	-0.01 (-0.06, 0.04)	-0.021	0.024	0.381	-0.02 (-0.07, 0.03)
5085_18	IL20RA	Q9UHF4	211	0.013	0.012	0.267	0.01 (-0.01, 0.04)	0.565	0.111	-0.005	0.025	0.838	-0.01 (-0.05, 0.04)	0.001	0.397	-0.010	0.023	0.668	-0.01 (-0.06, 0.04)	-0.005	0.022	0.831	-4.75e-03 (-0.05, 0.04)
8076_4	SPACA3	Q8IXA5	211	0.014	0.013	0.267	0.01 (-0.01, 0.04)	0.565	0.016	-0.035	0.025	0.164	-0.03 (-0.08, 0.01)	0.003	0.024	-0.019	0.019	0.319	-0.02 (-0.06, 0.02)	-0.033	0.022	0.135	-0.03 (-0.08, 0.01)
5360_9	AKT2	P31751	211	-0.013	0.012	0.268	-0.01 (-0.04, 0.01)	0.567	0.081	-0.034	0.025	0.184	-0.03 (-0.08, 0.02)	0.001	0.349	-0.043	0.024	0.067	-0.04 (-0.09, 3.06e-	-0.050	0.026	0.056	-0.05 (-0.10, 1.02e-03)
11593_21	CXCL9	Q07325	211	0.013	0.012	0.268	0.01 (-0.01, 0.04)	0.567	0.094	-0.042	0.024	0.085	-0.04 (-0.09, 0.01)	0.003	0.010	-0.023	0.022	0.293	-0.02 (-0.07, 0.02)	-0.016	0.023	0.500	-0.02 (-0.06, 0.03)
12444_39	NR5A2	O00482	211	0.014	0.013	0.268	0.01 (-0.01, 0.04)	0.567	0.036	-0.033	0.025	0.181	-0.03 (-0.08, 0.02)	0.003	0.028	-0.001	0.021	0.950	-1.32e-03 (-0.04, 0.0	-0.008	0.022	0.724	-0.01 (-0.05, 0.04)
13694_24	CRLF2	Q9HC73	211	0.013	0.011	0.268	0.01 (-0.01, 0.03)	0.567	0.568	-0.010	0.022	0.650	-0.01 (-0.05, 0.03)	0.001	0.238	0.005	0.022	0.840	4.53e-03 (-0.04, 0.0	0.013	0.022	0.572	0.01 (-0.03, 0.06)
15637_38	SORCS3	Q9UPU3	211	0.013	0.012	0.268	0.01 (-0.01, 0.04)	0.567	0.132	-0.015	0.025	0.545	-0.02 (-0.07, 0.03)	0.002	0.200	0.000	0.023	0.987	-3.87e-04 (-0.05, 0.0	0.000	0.025	0.997	7.89e-05 (-0.05, 0.05)
17813_21	BPHL	Q86WA6	211	0.013	0.012	0.269	0.01 (-0.01, 0.04)	0.567	0.084	-0.057	0.024	0.020	-0.06 (-0.10, -0.01)	0.004	0.001	-0.005	0.020	0.812	-4.81e-03 (-0.04, 0.0	-0.019	0.023	0.428	-0.02 (-0.06, 0.03)
18277_28	TRIAP1	O43715	211	0.014	0.013	0.269	0.01 (-0.01, 0.04)	0.567	0.015	-0.026	0.026	0.308	-0.03 (-0.08, 0.02)	0.003	0.068	-0.007	0.024	0.769	-0.01 (-0.05, 0.04)	-0.016	0.023	0.496	-0.02 (-0.06, 0.03)
4460_8	PDPK1	O15530	211	-0.013	0.012	0.269	-0.01 (-0.04, 0.01)	0.567	0.075	-0.037	0.025	0.142	-0.04 (-0.09, 0.01)	0.002	0.271	-0.043	0.023	0.059	-0.04 (-0.09, 1.69e-	-0.043	0.026	0.100	-0.04 (-0.09, 0.01)
7747_47	NDUFB11	Q9NX14	211	0.015	0.014	0.269	0.02 (-0.01, 0.04)	0.567	0.002	-0.066	0.026	0.013	-0.07 (-0.12, -0.01)	0.005	4.61E-04	-0.007	0.020	0.744	-0.01 (-0.05, 0.03)	-0.017	0.026	0.533	-0.02 (-0.07, 0.04)
12879_5	RBL1	P28749	211	0.014	0.013	0.269	0.01 (-0.01, 0.04)	0.568	0.027	-0.026	0.025	0.300	-0.03 (-0.08, 0.02)	0.003	0.066	-0.025	0.019	0.192	-0.03 (-0.06, 0.01)	-0.023	0.022	0.299	-0.02 (-0.07, 0.02)
15526_33	GSS	P48637	211	0.016	0.014	0.270	0.02 (-0.01, 0.04)	0.568	2.93E-05	-0.041	0.028	0.151	-0.04 (-0.10, 0.01)	0.004	0.022	-0.026	0.020	0.205	-0.03 (-0.07, 0.01)	-0.038	0.025	0.125	-0.04 (-0.09, 0.01)
13412_5	WFDC6	Q9BQY6	211	0.013	0.011	0.270	0.01 (-0.01, 0.04)	0.568	0.775	-0.024	0.023	0.300	-0.02 (-0.07, 0.02)	0.002	0.066	-0.020	0.020	0.317	-0.02 (-0.06, 0.02)	-0.016	0.022	0.477	-0.02 (-0.06, 0.03)
16749_79	GDF10	P55107	211	0.013	0.012	0.270	0.01 (-0.01, 0.04)	0.568	0.081	-0.060	0.024	0.015	-0.06 (-0.11, -0.01)	0.005	0.001	-0.016	0.019	0.421	-0.02 (-0.05, 0.02)	-0.016	0.024	0.498	-0.02 (-0.06, 0.03)
3045_72	PTN	P21246	211	0.013	0.012	0.270	0.01 (-0.01, 0.04)	0.568	0.347	-0.013	0.024	0.572	-0.01 (-0.06, 0.03)	0.002	0.194	-0.001	0.023	0.951	-1.44e-03 (-0.05, 0.0	-0.001	0.023	0.980	-5.91e-04 (-0.05, 0.04)
6578_29	TNMD	Q9H2S6	211	0.013	0.012	0.270	0.01 (-0.01, 0.04)	0.568	0.139	-0.052	0.024	0.030	-0.05 (-0.10, -0.01)	0.004	0.002	-0.008	0.020	0.690	-0.01 (-0.05, 0.03)	-0.022	0.025	0.384	-0.02 (-0.07, 0.03)
9951_36	FBXL4	Q9UKA2	211	0.014	0.013	0.270	0.01 (-0.01, 0.04)	0.568	0.029	-0.007	0.025	0.781	-0.01 (-0.06, 0.04)	0.001	0.333	-0.008	0.022	0.703	-0.01 (-0.05, 0.03)	0.003	0.024	0.890	3.38e-03 (-0.04, 0.05)
16859_100	SH3GLB1	Q9Y371	211	0.013	0.012	0.271	0.01 (-0.01, 0.04)	0.569	0.096	-0.037	0.024	0.131	-0.04 (-0.08, 0.01)	0.003	0.019	-0.015	0.020	0.433	-0.02 (-0.05, 0.02)	-0.019	0.022	0.391	-0.02 (-0.06, 0.02)
18297_8	MRAS	O14807	211	0.013	0.012	0.271	0.01 (-0.01, 0.04)	0.569	0.164	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.005	3.20E-04	-0.011	0.020	0.602	-0.01 (-0.05, 0.03)	-0.015	0.022	0.488	-0.02 (-0.06, 0.03)
10752_8	CDYL2	Q8N8U2	211	0.013	0.012	0.271	0.01 (-0.01, 0.04)	0.569	0.736	0.017	0.024	0.464	0.02 (-0.03, 0.06)	0.000	0.836	0.013	0.025	0.612	0.01 (-0.04, 0.06)	0.004	0.026	0.885	3.70e-03 (-0.05, 0.05)
18401_18	ALKBH3	Q96Q83	211	-0.013	0.012	0.271	-0.01 (-0.04, 0.01)	0.569	0.179	-0.042	0.025	0.095	-0.04 (-0.09, 0.01)	0.002	0.186	-0.037	0.022	0.089	-0.04 (-0.08, 0.01)	-0.041	0.026	0.121	-0.04 (-0.09, 0.01)
10551_7	LAT	O43561	211	0.014	0.013	0.273	0.01 (-0.01, 0.04)	0.570	0.018	0.019	0.025	0.459	0.02 (-0.03, 0.07)	0.000	0.826	0.022	0.025	0.368	0.02 (-0.03, 0.07)	0.018	0.022	0.406	0.02 (-0.02, 0.06)
12738_43	NISCH	Q9Y2I1	211	0.013	0.012	0.273	0.01 (-0.01, 0.04)	0.570	0.059	-0.063	0.025	0.011	-0.06 (-0.11, -0.01)	0.005	4.35E-04	-0.016	0.021	0.431	-0.02 (-0.06, 0.02)	-0.026	0.023	0.252	-0.03 (-0.07, 0.02)
14283_12	RAB14	P61106	211	0.018	0.016	0.272	0.02 (-0.01, 0.05)	0.570	6.08E-15	-0.011	0.033	0.741	-0.01 (-0.07, 0.05)	0.002	0.307	-0.020	0.023	0.395	-0.02 (-0.06, 0.03)	-0.024	0.023	0.299	-0.02 (-0.07, 0.02)
19276_124	SNRPG	P62308	211	-0.013	0.012	0.272	-0.01 (-0.04, 0.01)	0.570	0.096	-0.044	0.025	0.080	-0.04 (-0.09, 0.01)	0.002	0.154	-0.044	0.023	0.050	-0.04 (-0.09, 3.97e-	-0.054	0.024	0.029	-0.05 (-0.10, -0.01)
19596_18	BRF1	Q92994	211	0.015	0.013	0.272	0.01 (-0.01, 0.04)	0.570	0.002	-0.034	0.027	0.201	-0.03 (-0.09, 0.02)	0.003	0.034	-0.017	0.022	0.435	-0.02 (-0.06, 0.03)	-0.009	0.025	0.711	-0.01 (-0.06, 0.04)
2944_66	NBL1	P41271	211	0.015	0.014	0.272	0.01 (-0.01, 0.04)	0.570	0.002	-0.001	0.027	0.973	-8.96e-04 (-0.05, 0.05	0.001	0.499	-0.011	0.024	0.639	-0.01 (-0.06, 0.04)	-0.011	0.026	0.667	-0.01 (-0.06, 0.04)
3489_9	CNTF	P26441	211	0.013	0.012	0.272	0.01 (-0.01, 0.04)	0.570	0.054	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)	0.003	0.033	-0.003	0.023	0.914	-2.53e-03 (-0.05, 0.0	-0.004	0.023	0.850	-4.41e-03 (-0.05, 0.04)
3852_19	DNAJB1	P25685	211	-0.014	0.013	0.272	-0.01 (-0.04, 0.01)	0.570	0.034	-0.042	0.026	0.109	-0.04 (-0.09, 0.01)	0.002	0.222	-0.053	0.022	0.016	-0.05 (-0.10, -0.01)	-0.051	0.025	0.038	-0.05 (-0.10, -3.04e-03)
7857_22	NTS	P30990	211	0.016	0.014	0.273	0.02 (-0.01, 0.04)	0.570	1.05E-04	-0.013	0.028	0.637	-0.01 (-0.07, 0.04)	0.002	0.236	-0.016	0.025	0.518	-0.02 (-0.06, 0.03)	-0.017	0.027	0.542	-0.02 (-0.07, 0.04)
9360_33	EDIL3	O43854	211	0.014	0.013	0.272	0.01 (-0.01, 0.04)	0.570	0.048	0.020	0.026	0.446	0.02 (-0.03, 0.07)	0.000	0.808	0.024	0.026	0.361	0.02 (-0.03, 0.08)	0.019	0.026	0.467	0.02 (-0.03, 0.07)
9800_20	NDUFB8	O95169	211	0.014	0.013	0.273	0.01 (-0.01, 0.04)	0.570	0.045	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)	0.003	0.014	-0.014	0.021	0.524	-0.01 (-0.06, 0.03)	-0.008	0.022	0.710	-0.01 (-0.05, 0.04)
15435_4	PNP	P00491	211	-0.013	0.012	0.273	-0.01 (-0.04, 0.01)	0.570	0.132	-0.041	0.025	0.107	-0.04 (-0.09, 0.01)	0.002	0.207	-0.044	0.022	0.048	-0.04 (-0.09, -3.61e-	-0.036	0.023	0.121	-0.04 (-0.08, 0.01)
8476_11	CHGA	P10645	211	0.014	0.013	0.273	0.01 (-0.01, 0.04)	0.570	0.048	0.008	0.026	0.750	0.01 (-0.04, 0.06)	0.000	0.789	0.026	0.025	0.296	0.03 (-0.02, 0.07)	0.020	0.026	0.435	0.02 (-0.03, 0.07)
11266_8	SELPLG	Q14242	211	-0.016	0.015	0.274	-0.02 (-0.04, 0.01)	0.570	1.68E-04	0.011	0.029	0.715	0.01 (-0.05, 0.07)	-0.002	0.290	-0.011	0.026	0.677	-0.01 (-0.06, 0.04)	0.002	0.026	0.950	1.59e-03 (-0.05, 0.05)
13375_48	SYNGR3	O43761	211	0.013	0.012	0.274	0.01 (-0.01, 0.04)	0.570	0.203	-0.048	0.024	0.045	-0.05 (-0.09, -1.34e-0	0.004	0.003	-0.010	0.019	0.614	-0.01 (-0.05, 0.03)	-0.023	0.025	0.357	-0.02 (-0.07, 0.03)
2579_17	MMP9	P14780	211	0.015	0.014	0.274	0.01 (-0.01, 0.04)	0.570	0.025	-0.056	0.027	0.035	-0.06 (-0.11, -4.38e-0	0.004	0.002	0.000	0.021	0.999	-3.61e-05 (-0.04, 0.0	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)
8807_13	SNX1	Q13596	211	0.013	0.012	0.274	0.01 (-0.01, 0.04)	0.570	0.783	-0.023	0.023	0.314	-0.02 (-0.07, 0.02)	0.002	0.073	-0.012	0.022	0.589	-0.01 (-0.06, 0.03)	-0.020	0.024	0.414	-0.02 (-0.07, 0.03)
14122_132	ZNRF3	Q9ULT6	211	0.013	0.012	0.274	0.01 (-0.01, 0.04)	0.570	0.057	-0.020	0.025	0.420	-0.02 (-0.07, 0.03)	0.002	0.128	-0.002	0.022	0.939	-1.66e-03 (-0.04, 0.0	-0.003	0.025	0.908	-2.90e-03 (-0.05, 0.05)
17150_8	HSPE1	P61604	211	-0.013	0.012	0.274	-0.01 (-0.04, 0.01)	0.570	0.486	-0.042	0.023	0.071	-0.04 (-0.09, 3.35e-03	0.002	0.145	-0.036	0.021	0.086	-0.04 (-0.08, 0.01)	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)
17766_5	NCF1	P14598	211	0.023	0.021	0.274	0.02 (-0.02, 0.06)	0.570	1.28E-40	-0.068	0.040	0.092	-0.07 (-0.15, 0.01)	0.006	0.010	-0.008	0.019	0.672	-0.01 (-0.05, 0.03)	-0.020	0.028	0.474	-0.02 (-0.07, 0.03)
19273_3	GSR	P00390	211	-0.015	0.014	0.274	-0.01 (-0.04, 0.01)	0.570	0.003	-0.063	0.027	0.019	-0.06 (-0.12, -0.01)	0.003	0.037	-0.045	0.025	0.072	-0.04 (-0.09, 4.05e-	-0.044	0.025	0.084	-0.04 (-0.09, 0.01)
3025_50	FGF2	P09038	211	-0.013	0.012	0.274	-0.01 (-0.04, 0.01)	0.570	0.309	-0.018	0.024	0.455	-0.02 (-0.06, 0.03)	0.000	0.807	-0.022	0.025	0.376	-0.02 (-0.07, 0.03)	-0.009	0.025	0.711	-0.01 (-0.06, 0.04)
8243_55	SPINK1	P00995	211	0.014	0.013	0.274	0.01 (-0.01, 0.04)	0.570	0.025	0.005	0.025	0.851	4.71e-03 (-0.04, 0.05)	0.001	0.674	-0.004	0.024	0.868	-3.96e-03 (-0.05, 0.0	-0.011	0.025	0.658	-0.01 (-0.06, 0.04)
15319_226	CCNA1	P78396	211	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.570	0.170	-0.024	0.024	0.312	-0.02 (-0.07, 0.02)	0.002	0.076	-0.013	0.022	0.543	-0.01 (-0.06, 0.03)	-0.006	0.024	0.800	-0.01 (-0.05, 0.04)
19240_265	PDAP1	Q13442	211	-0.013	0.012	0.275	-0.01 (-0.04, 0.01)	0.571	0.059	-0.050	0.025	0.051	-0.05 (-0.10, -4.19e-0	0.002	0.095	-0.047	0.021	0.027	-0.05 (-0.09, -0.01)	-0.053	0.025	0.032	-0.05 (-0.10, -4.93e-03)
11094_104	CLC	Q05315	211	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.571	0.223	-0.055	0.023	0.019	-0.06 (-0.10, -0.01)	0.004	0.001	-0.017	0.019	0.369	-0.02 (-0.06, 0.02)	-0.029	0.024	0.215	-0.03 (-0.08, 0.02)
12936_38	RLBP1	P12271	211	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.571	0.858	-0.017	0.023	0.473	-0.02 (-0.06, 0.03)	0.002	0.143	0.000	0.020	1.000	0.00e+00 (-0.04, 0.0	0.000	0.025	0.999	-4.40e-05 (-0.05, 0.05)
13129_40	LDLR	P01130	211	0.013	0.012	0.276	0.01 (-0.01, 0.04)	0.571	0.243	-0.039	0.023	0.096	-0.04 (-0.08, 0.01)	0.003	0.011	-0.025	0.021	0.230	-0.02 (-0.07, 0.02)	-0.027	0.023	0.230	-0.03 (-0.07, 0.02)
15331_47	RBBP4	Q09028	211	0.015	0.014	0.276	0.02 (-0.01, 0.04)	0.571	1.45E-04	-0.073	0.027	0.006	-0.07 (-0.13, -0.02)	0.006	1.58E-04	-0.030	0.020	0.128	-0.03 (-0.07, 0.01)	-0.040	0.027	0.138	-0.04 (-0.09, 0.01)
16318_12	ACVRL1	P37023	211	0.013	0.012	0.276	0.01 (-0.01, 0.04)	0.571	0.171	-0.070	0.024	0.004	-0.07 (-0.12, -0.02)	0.005	7.22E-05	-0.035	0.020	0.084	-0.03 (-0.07, 4.60e-	-0.054	0.027	0.042	-0.05 (-0.11, -2.34e-03)
5601_2	PGLYRP2	Q96PD5	211	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.571	0.130	-0.012	0.025	0.646	-0.01 (-0.06, 0.04)	0.002	0.256	0.015	0.025	0.566	0.01 (-0.04, 0.06)	0.007	0.023	0.752	0.01 (-0.04, 0.05)
6424_2	RNASE13	Q5GAN3	211	0.013	0.012	0.276	0.01 (-0.01, 0.04)	0.571	0.170	-0.014	0.024	0.553	-0.01 (-0.06, 0.03)	0.002	0.197	-0.008	0.020	0.681	-0.01 (-0.05, 0.03)	-0.005	0.022	0.817	-0.01 (-0.05, 0.04)
9339_204	FKBP2	P26885	211	-0.013	0.012	0.276	-0.01 (-0.04, 0.01)	0.571	0.169	-0.054	0.024	0.029	-0.05 (-0.10, -0.01)	0.003	0.054	-0.035	0.019	0.070	-0.04 (-0.07, 2.88e-	-0.040	0.025	0.112	-0.04 (-0.09, 0.01)
9828_86	LDHC	P07864	211	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.571	0.101	-0.016	0.024	0.513	-0.02 (-0.06, 0.03)	0.002	0.174	-0.019	0.022	0.376	-0.02 (-0.06, 0.02)	-0.016	0.024	0.503	-0.02 (-0.06, 0.03)
18204_1	TCEA1	P23193	211	-0.014	0.013	0.276	-0.01 (-0.04, 0.01)	0.571	0.035	-0.053	0.025	0.037	-0.05 (-0.10, -3.55e-0	0.002	0.074	-0.030	0.019	0.123	-0.03 (-0.07, 0.01)	-0.047	0.023	0.045	-0.05 (-0.09, -1.34e-03)
7225_51	MMGT1	Q8N4V1	211	0.014	0.013	0.276	0.01 (-0.01, 0.04)	0.571	0.048	-0.050	0.025	0.047	-0.05 (-0.10, -9.84e-0	0.004	0.003	-0.019	0.021	0.359	-0.02 (-0.06, 0.02)	-0.018	0.025	0.490	-0.02 (-0.07, 0.03)
16885_49	MAPRE3	Q9UPY8	211	-0.013	0.012	0.277	-0.01 (-0.04, 0.01)	0.572	0.053	-0.018	0.025	0.477	-0.02 (-0.07, 0.03)	0.000	0.813	-0.036	0.024	0.124	-0.04 (-0.08, 0.01)	-0.030	0.025	0.238	-0.03 (-0.08, 0.02)
15318_75	S100A10	P60903	211	0.015	0.014	0.277	0.01 (-0.01, 0.04)	0.572	0.001	-0.073	0.026	0.006	-0.07 (-0.12, -0.02)	0.005	1.44E-04	-0.017	0.024	0.463	-0.02 (-0.06, 0.03)	-0.023	0.024	0.349	-0.02 (-0.07, 0.02)
11104_13	CHI3L1	P36222	211	0.013	0.012	0.277	0.01 (-0.01, 0.04)	0.573	0.456	-0.018	0.023	0.427	-0.02 (-0.06, 0.03)	0.002	0.120	-0.020	0.019	0.303	-0.02 (-0.06, 0.02)	-0.047	0.024	0.057	-0.05 (-0.09, 1.03e-03)
8323_163	TFF3	Q07654	211	0.015	0.014	0.278	0.01 (-0.01, 0.04)	0.573	0.001	-0.009	0.027	0.741	-0.01 (-0.06, 0.04)	0.001	0.311	-0.011	0.022	0.640	-0.01 (-0.05, 0.03)	0.005	0.024	0.847	4.64e-03 (-0.04, 0.05)
15430_165	OPTC	Q9UBM4	211	0.015	0.013	0.278	0.01 (-0.01, 0.04)	0.573	0.003	-0.053	0.026	0.045	-0.05 (-0.10, -1.48e-0	0.004	0.003	-0.003	0.021	0.879	-3.16e-03 (-0.04, 0.0	-0.002	0.023	0.941	-1.72e-03 (-0.05, 0.04)
15460_9	DPP4	P27487	211	0.013	0.012	0.278	0.01 (-0.01, 0.04)	0.573	0.075	-0.065	0.024	0.007	-0.07 (-0.11, -0.02)	0.005	2.29E-04	-0.033	0.020	0.099	-0.03 (-0.07, 0.01)	-0.026	0.023	0.252	-0.03 (-0.07, 0.02)
13476_16	KIN	O60870	211	0.013	0.012	0.278	0.01 (-0.01, 0.04)	0.573	0.105	-0.055	0.024	0.021	-0.06 (-0.10, -0.01)	0.004	0.001	-0.024	0.019	0.206	-0.02 (-0.06, 0.01)	-0.037	0.022	0.089	-0.04 (-0.08, 0.01)
18913_3	CCNH	P51946	211	0.013	0.012	0.278	0.01 (-0.01, 0.04)	0.573	0.238	-0.008	0.024	0.734	-0.01 (-0.06, 0.04)	0.001	0.316	0.000	0.022	1.000	0.00e+00 (-0.04, 0.0	0.002	0.024	0.932	2.09e-03 (-0.05, 0.05)
12716_3	ZNF175	Q9Y473	211	0.014	0.013	0.279	0.01 (-0.01, 0.04)	0.574	0.004	-0.062	0.026	0.018	-0.06 (-0.11, -0.01)	0.005	0.001	-0.010	0.020	0.615	-0.01 (-0.05, 0.03)	-0.019	0.024	0.436	-0.02 (-0.07, 0.03)
2697_7	PF4	P02776	211	-0.016	0.015	0.279	-0.02 (-0.05, 0.01)	0.574	1.41E-06	-0.044	0.029	0.136	-0.04 (-0.10, 0.01)	0.002	0.273	-0.032	0.025	0.200	-0.03 (-0.08, 0.02)	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)
10809_14	KLRB1	Q12918	211	0.014	0.013	0.280	0.01 (-0.01, 0.04)	0.575	0.049	-0.021	0.025	0.410	-0.02 (-0.07, 0.03)	0.002	0.114	-0.011	0.021	0.604	-0.01 (-0.05, 0.03)	-0.013	0.023	0.551	-0.01 (-0.06, 0.03)
10424_31	NPDC1	Q9NQX5	211	0.014	0.013	0.280	0.01 (-0.01, 0.04)	0.576	0.047	-0.015	0.025	0.555	-0.01 (-0.06, 0.03)	0.002	0.190	-0.016	0.022	0.466	-0.02 (-0.06, 0.03)	-0.014	0.024	0.561	-0.01 (-0.06, 0.03)
13645_14	DHX38	Q92620	211	0.013	0.012	0.280	0.01 (-0.01, 0.04)	0.576	0.510	-0.033	0.023	0.151	-0.03 (-0.08, 0.01)	0.003	0.022	0.003	0.024	0.901	2.93e-03 (-0.04, 0.0	-0.002	0.022	0.930	-1.91e-03 (-0.04, 0.04)
13470_43	PTH1R	Q03431	211	0.013	0.012	0.281	0.01 (-0.01, 0.04)	0.577	0.179	-0.065	0.024	0.007	-0.06 (-0.11, -0.02)	0.005	1.98E-04	-0.017	0.021	0.435	-0.02 (-0.06, 0.03)	-0.009	0.023	0.688	-0.01 (-0.05, 0.04)
7863_50	PGRMC1	O00264	211	-0.012	0.012	0.281	-0.01 (-0.03, 0.01)	0.577	0.273	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)	0.003	0.049	-0.038	0.021	0.062	-0.04 (-0.08, 1.85e-	-0.040	0.025	0.109	-0.04 (-0.09, 0.01)
11257_1	QDPR	P09417	211	0.014	0.013	0.281	0.01 (-0.01, 0.04)	0.577	0.007	-0.038	0.026	0.149	-0.04 (-0.09, 0.01)	0.003	0.022	-0.019	0.020	0.353	-0.02 (-0.06, 0.02)	-0.021	0.026	0.412	-0.02 (-0.07, 0.03)
11158_40	CCDC64	Q6ZP65	211	0.013	0.012	0.283	0.01 (-0.01, 0.04)	0.578	0.335	-0.071	0.023	0.002	-0.07 (-0.12, -0.03)	0.005	4.21E-05	-0.004	0.019	0.835	-3.93e-03 (-0.04, 0.0	-0.023	0.023	0.321	-0.02 (-0.07, 0.02)
11458_30	PCBP1	Q15365	211	-0.014	0.013	0.282	-0.01 (-0.04, 0.01)	0.578	0.047	-0.036	0.026	0.158	-0.04 (-0.09, 0.01)	0.001	0.313	-0.053	0.022	0.015	-0.05 (-0.10, -0.01)	-0.058	0.025	0.021	-0.06 (-0.11, -0.01)
14203_3	ANXA7	P20073	211	-0.013	0.012	0.282	-0.01 (-0.04, 0.01)	0.578	0.079	-0.033	0.025	0.190	-0.03 (-0.08, 0.02)	0.001	0.351	-0.050	0.023	0.028	-0.05 (-0.10, -0.01)	-0.045	0.025	0.076	-0.04 (-0.09, 4.43e-03)
17849_6	DRG1	Q9Y295	211	-0.014	0.013	0.282	-0.01 (-0.04, 0.01)	0.578	0.046	-0.039	0.026	0.135	-0.04 (-0.09, 0.01)	0.002	0.269	-0.044	0.023	0.053	-0.04 (-0.09, 6.58e-	-0.043	0.024	0.069	-0.04 (-0.09, 3.14e-03)
18337_4	GMDS	O60547	211	0.014	0.013	0.282	0.01 (-0.01, 0.04)	0.578	0.001	-0.022	0.026	0.416	-0.02 (-0.07, 0.03)	0.002	0.117	0.005	0.019	0.789	0.01 (-0.03, 0.04)	0.007	0.022	0.765	0.01 (-0.04, 0.05)
4292_5	NAPA	P54920	211	-0.014	0.013	0.282	-0.01 (-0.04, 0.01)	0.578	0.025	-0.045	0.026	0.084	-0.04 (-0.10, 0.01)	0.002	0.169	-0.051	0.021	0.017	-0.05 (-0.09, -0.01)	-0.057	0.025	0.023	-0.06 (-0.11, -0.01)
5480_49	CCL5	P13501	211	-0.017	0.016	0.282	-0.02 (-0.05, 0.01)	0.578	1.98E-09	-0.027	0.031	0.388	-0.03 (-0.09, 0.03)	0.001	0.708	-0.014	0.026	0.576	-0.01 (-0.06, 0.04)	-0.012	0.027	0.643	-0.01 (-0.06, 0.04)
13672_3	HSPA6	P17066	211	0.014	0.013	0.283	0.01 (-0.01, 0.04)	0.578	0.005	-0.056	0.026	0.031	-0.06 (-0.11, -0.01)	0.004	0.002	-0.010	0.021	0.647	-0.01 (-0.05, 0.03)	-0.004	0.023	0.871	-3.76e-03 (-0.05, 0.04)
10078_5	BAG3	O95817	211	0.013	0.013	0.284	0.01 (-0.01, 0.04)	0.579	0.046	-0.055	0.024	0.024	-0.06 (-0.10, -0.01)	0.004	0.001	-0.013	0.020	0.514	-0.01 (-0.05, 0.03)	-0.018	0.023	0.434	-0.02 (-0.06, 0.03)
11223_1	TMEM154	Q6P9G4	211	-0.014	0.013	0.284	-0.01 (-0.04, 0.01)	0.579	0.020	-0.041	0.025	0.105	-0.04 (-0.09, 0.01)	0.002	0.210	-0.014	0.024	0.571	-0.01 (-0.06, 0.03)	-0.011	0.024	0.632	-0.01 (-0.06, 0.03)
11607_15	BRD1	O95696	211	0.012	0.011	0.284	0.01 (-0.01, 0.03)	0.579	0.175	-0.038	0.023	0.111	-0.04 (-0.08, 0.01)	0.003	0.015	-0.011	0.023	0.628	-0.01 (-0.06, 0.03)	-0.002	0.024	0.944	-1.68e-03 (-0.05, 0.04)
17320_19	AASDHPPT	Q9NRN7	211	-0.014	0.013	0.283	-0.01 (-0.04, 0.01)	0.579	0.034	-0.041	0.026	0.118	-0.04 (-0.09, 0.01)	0.002	0.235	-0.058	0.022	0.007	-0.06 (-0.10, -0.02)	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)
4328_2	BOC	Q9BWV1	211	-0.017	0.016	0.283	-0.02 (-0.05, 0.01)	0.579	1.88E-11	0.029	0.032	0.366	0.03 (-0.03, 0.09)	-0.003	0.094	0.008	0.024	0.737	0.01 (-0.04, 0.06)	0.011	0.024	0.644	0.01 (-0.04, 0.06)
8340_9	DEFB110	Q30KQ9	211	0.012	0.012	0.283	0.01 (-0.01, 0.04)	0.579	0.172	-0.038	0.024	0.110	-0.04 (-0.08, 0.01)	0.003	0.015	-0.005	0.019	0.809	-4.70e-03 (-0.04, 0.0	-0.029	0.024	0.213	-0.03 (-0.08, 0.02)
12551_3	ITCH	Q96J02	211	0.013	0.012	0.284	0.01 (-0.01, 0.04)	0.579	0.073	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)	0.003	0.019	-0.027	0.021	0.190	-0.03 (-0.07, 0.01)	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)
11562_9	POLE2	P56282	211	0.012	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.146	-0.032	0.024	0.186	-0.03 (-0.08, 0.02)	0.003	0.033	-0.010	0.023	0.673	-0.01 (-0.05, 0.03)	-0.003	0.021	0.896	-2.76e-03 (-0.04, 0.04)
12872_35	CNGA2	Q16280	211	0.013	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.042	-0.027	0.023	0.236	-0.03 (-0.07, 0.02)	0.003	0.040	-0.001	0.024	0.968	-9.37e-04 (-0.05, 0.0	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)
15306_20	IGJ	P01591	211	0.013	0.013	0.285	0.01 (-0.01, 0.04)	0.580	0.050	-0.046	0.025	0.064	-0.05 (-0.09, 2.40e-03	0.004	0.006	-0.015	0.022	0.500	-0.01 (-0.06, 0.03)	-0.005	0.024	0.837	-4.92e-03 (-0.05, 0.04)
17199_43	HIF1AN	Q9NWT6	211	0.012	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.059	-0.035	0.025	0.154	-0.04 (-0.08, 0.01)	0.003	0.026	-0.012	0.023	0.603	-0.01 (-0.06, 0.03)	-0.013	0.023	0.583	-0.01 (-0.06, 0.03)
17449_23	CD9	P21926	211	0.014	0.013	0.285	0.01 (-0.01, 0.04)	0.580	0.013	-0.056	0.025	0.029	-0.06 (-0.11, -0.01)	0.004	0.002	-0.019	0.023	0.417	-0.02 (-0.06, 0.03)	-0.023	0.023	0.332	-0.02 (-0.07, 0.02)
17857_6	ACADL	P28330	211	0.014	0.013	0.285	0.01 (-0.01, 0.04)	0.580	0.014	-0.039	0.026	0.133	-0.04 (-0.09, 0.01)	0.003	0.019	-0.001	0.024	0.977	-6.69e-04 (-0.05, 0.0	0.002	0.023	0.947	1.51e-03 (-0.04, 0.05)
19199_3	POLR2J	P52435	211	0.012	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.154	-0.043	0.024	0.070	-0.04 (-0.09, 3.25e-03	0.004	0.007	-0.014	0.021	0.500	-0.01 (-0.05, 0.03)	-0.013	0.022	0.555	-0.01 (-0.06, 0.03)
3494_71	FGF17	O60258	211	0.013	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.190	-0.054	0.024	0.025	-0.05 (-0.10, -0.01)	0.004	0.001	-0.007	0.021	0.749	-0.01 (-0.05, 0.03)	-0.012	0.023	0.611	-0.01 (-0.06, 0.03)
4136_40	IL17D	Q8TAD2	211	0.013	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.633	-0.049	0.023	0.035	-0.05 (-0.09, -3.71e-0	0.004	0.002	-0.020	0.021	0.344	-0.02 (-0.06, 0.02)	-0.021	0.025	0.394	-0.02 (-0.07, 0.03)
5236_2	NR1D1	P20393	211	0.013	0.012	0.285	0.01 (-0.01, 0.04)	0.580	0.310	-0.040	0.023	0.093	-0.04 (-0.09, 0.01)	0.003	0.011	-0.011	0.021	0.612	-0.01 (-0.05, 0.03)	-0.016	0.023	0.481	-0.02 (-0.06, 0.03)
7245_2	CELF2	O95319	211	0.013	0.012	0.284	0.01 (-0.01, 0.04)	0.580	0.562	-0.042	0.023	0.072	-0.04 (-0.09, 3.49e-03	0.003	0.007	-0.006	0.020	0.756	-0.01 (-0.05, 0.03)	-0.027	0.023	0.235	-0.03 (-0.07, 0.02)
2677_1	EGFR	P00533	211	-0.015	0.014	0.286	-0.01 (-0.04, 0.01)	0.580	0.007	-0.005	0.028	0.869	-4.61e-03 (-0.06, 0.05	-0.001	0.678	0.000	0.024	0.993	2.24e-04 (-0.05, 0.0	-0.009	0.026	0.734	-0.01 (-0.06, 0.04)
8296_117	KDELC2	Q7Z4H8	211	-0.014	0.013	0.286	-0.01 (-0.04, 0.01)	0.580	0.004	-0.052	0.026	0.049	-0.05 (-0.10, -4.55e-0	0.002	0.098	-0.039	0.020	0.054	-0.04 (-0.08, 6.58e-	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)
12494_99	GABARAPL	P60520	211	-0.014	0.013	0.287	-0.01 (-0.04, 0.01)	0.581	0.024	-0.058	0.026	0.027	-0.06 (-0.11, -0.01)	0.003	0.053	-0.060	0.022	0.005	-0.06 (-0.10, -0.02)	-0.062	0.025	0.014	-0.06 (-0.11, -0.01)
12668_7	VPS4B	O75351	211	-0.013	0.012	0.287	-0.01 (-0.04, 0.01)	0.581	0.377	-0.060	0.024	0.012	-0.06 (-0.11, -0.01)	0.003	0.022	-0.035	0.023	0.115	-0.04 (-0.08, 0.01)	-0.031	0.024	0.199	-0.03 (-0.08, 0.02)
12743_18	BAG5	Q9UL15	211	0.014	0.013	0.287	0.01 (-0.01, 0.04)	0.581	0.009	-0.054	0.025	0.034	-0.05 (-0.10, -4.33e-0	0.004	0.002	-0.021	0.022	0.343	-0.02 (-0.07, 0.02)	-0.019	0.023	0.423	-0.02 (-0.06, 0.03)
13388_57	PCSK1	P29120	211	0.014	0.014	0.287	0.01 (-0.01, 0.04)	0.581	7.86E-05	-0.007	0.027	0.802	-0.01 (-0.06, 0.05)	0.001	0.361	-0.011	0.024	0.648	-0.01 (-0.06, 0.04)	-0.005	0.023	0.828	-0.01 (-0.05, 0.04)
14634_13	LHCGR	P22888	211	0.012	0.012	0.287	0.01 (-0.01, 0.03)	0.581	0.369	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	0.004	0.001	-0.013	0.018	0.470	-0.01 (-0.05, 0.02)	-0.021	0.023	0.356	-0.02 (-0.07, 0.02)
4230_1	EIF4G2	P78344	211	-0.013	0.012	0.287	-0.01 (-0.04, 0.01)	0.581	0.086	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)	0.002	0.227	-0.037	0.020	0.061	-0.04 (-0.08, 1.68e-	-0.051	0.025	0.042	-0.05 (-0.10, -2.11e-03)
11601_26	DHX8	Q14562	211	0.014	0.013	0.288	0.01 (-0.01, 0.04)	0.582	0.001	-0.073	0.026	0.005	-0.07 (-0.12, -0.02)	0.005	1.06E-04	-0.014	0.019	0.449	-0.01 (-0.05, 0.02)	-0.027	0.023	0.248	-0.03 (-0.07, 0.02)
17209_27	SULT2B1	O00204	211	0.013	0.012	0.288	0.01 (-0.01, 0.04)	0.582	0.105	-0.053	0.025	0.032	-0.05 (-0.10, -4.90e-0	0.004	0.002	-0.011	0.022	0.606	-0.01 (-0.05, 0.03)	0.000	0.024	0.995	-1.63e-04 (-0.05, 0.05)
3326_58	CADM1	Q9BY67	211	0.014	0.013	0.288	0.01 (-0.01, 0.04)	0.582	0.045	-0.006	0.026	0.815	-0.01 (-0.06, 0.04)	0.001	0.373	0.006	0.025	0.824	0.01 (-0.04, 0.05)	0.009	0.024	0.697	0.01 (-0.04, 0.06)
6604_59	NDNF	Q8TB73	211	0.013	0.012	0.288	0.01 (-0.01, 0.04)	0.582	0.276	-0.048	0.024	0.044	-0.05 (-0.09, -1.52e-0	0.004	0.003	-0.011	0.020	0.577	-0.01 (-0.05, 0.03)	-0.010	0.023	0.658	-0.01 (-0.06, 0.03)
9188_119	CXCL9	Q07325	211	0.014	0.013	0.288	0.01 (-0.01, 0.04)	0.582	0.007	0.006	0.026	0.832	0.01 (-0.05, 0.06)	0.001	0.708	0.036	0.023	0.109	0.04 (-0.01, 0.08)	0.022	0.025	0.366	0.02 (-0.03, 0.07)
10425_3	B4GALT5	O43286	211	0.012	0.012	0.290	0.01 (-0.01, 0.04)	0.584	0.094	-0.043	0.024	0.080	-0.04 (-0.09, 4.89e-03	0.003	0.009	-0.007	0.021	0.751	-0.01 (-0.05, 0.03)	-0.006	0.023	0.790	-0.01 (-0.05, 0.04)
15390_3	GAL	P22466	211	0.014	0.013	0.290	0.01 (-0.01, 0.04)	0.584	0.011	-0.051	0.025	0.046	-0.05 (-0.10, -1.23e-0	0.004	0.003	-0.014	0.020	0.490	-0.01 (-0.05, 0.03)	-0.018	0.024	0.462	-0.02 (-0.07, 0.03)
17158_17	UBE2G1	P62253	211	-0.014	0.013	0.290	-0.01 (-0.04, 0.01)	0.584	0.035	-0.071	0.025	0.006	-0.07 (-0.12, -0.02)	0.004	0.009	-0.040	0.019	0.035	-0.04 (-0.08, -2.89e-	-0.057	0.027	0.034	-0.06 (-0.11, -4.66e-03)
18326_50	MAGEA8	P43361	211	0.012	0.012	0.290	0.01 (-0.01, 0.04)	0.584	0.277	-0.016	0.024	0.491	-0.02 (-0.06, 0.03)	0.002	0.163	-0.010	0.022	0.652	-0.01 (-0.05, 0.03)	-0.004	0.024	0.863	-4.09e-03 (-0.05, 0.04)
8021_59	MRPL14	Q6P1L8	211	-0.012	0.012	0.290	-0.01 (-0.03, 0.01)	0.584	0.848	-0.040	0.023	0.079	-0.04 (-0.08, 4.50e-03	0.002	0.156	-0.046	0.021	0.033	-0.05 (-0.09, -3.71e-	-0.047	0.024	0.050	-0.05 (-0.09, -3.35e-04)
8343_224	PAPOLG	Q9BWT3	211	0.014	0.013	0.290	0.01 (-0.01, 0.04)	0.584	0.011	-0.005	0.025	0.848	-4.89e-03 (-0.05, 0.05	0.001	0.402	-0.017	0.020	0.415	-0.02 (-0.06, 0.02)	-0.021	0.024	0.386	-0.02 (-0.07, 0.03)
8386_11	PATE1	Q8WXA2	211	0.013	0.012	0.289	0.01 (-0.01, 0.04)	0.584	0.491	-0.021	0.024	0.365	-0.02 (-0.07, 0.02)	0.002	0.099	-0.003	0.024	0.906	-2.85e-03 (-0.05, 0.0	-0.016	0.024	0.509	-0.02 (-0.06, 0.03)
7097_8	CDY1	Q9Y6F8	211	0.012	0.012	0.290	0.01 (-0.01, 0.03)	0.584	0.437	-0.014	0.023	0.541	-0.01 (-0.06, 0.03)	0.002	0.188	-0.014	0.022	0.530	-0.01 (-0.06, 0.03)	-0.011	0.024	0.638	-0.01 (-0.06, 0.04)
10882_12	DSC1	Q08554	211	0.013	0.012	0.291	0.01 (-0.01, 0.04)	0.585	0.117	-0.048	0.024	0.050	-0.05 (-0.10, -2.33e-0	0.004	0.005	-0.015	0.019	0.439	-0.02 (-0.05, 0.02)	-0.025	0.022	0.260	-0.03 (-0.07, 0.02)
11217_16	CTBP1	Q13363	211	-0.013	0.012	0.291	-0.01 (-0.04, 0.01)	0.585	0.127	-0.027	0.025	0.285	-0.03 (-0.08, 0.02)	0.001	0.511	-0.024	0.024	0.323	-0.02 (-0.07, 0.02)	-0.023	0.023	0.322	-0.02 (-0.07, 0.02)
11546_7	CYGB	Q8WWM9	211	-0.012	0.012	0.291	-0.01 (-0.03, 0.01)	0.585	0.257	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)	0.002	0.176	-0.016	0.023	0.496	-0.02 (-0.06, 0.03)	-0.021	0.022	0.347	-0.02 (-0.06, 0.02)
18307_71	PPA2	Q9H2U2	211	0.014	0.013	0.291	0.01 (-0.01, 0.04)	0.585	0.009	-0.030	0.026	0.249	-0.03 (-0.08, 0.02)	0.003	0.051	-0.017	0.021	0.421	-0.02 (-0.06, 0.02)	-0.013	0.024	0.595	-0.01 (-0.06, 0.03)
15574_37	CCNA2	P20248	211	0.012	0.012	0.291	0.01 (-0.01, 0.04)	0.585	0.175	-0.053	0.024	0.026	-0.05 (-0.10, -0.01)	0.004	0.002	-0.017	0.020	0.391	-0.02 (-0.06, 0.02)	-0.016	0.024	0.489	-0.02 (-0.06, 0.03)
10722_13	SYK	P43405	211	-0.012	0.012	0.291	-0.01 (-0.04, 0.01)	0.585	0.239	-0.035	0.024	0.145	-0.04 (-0.08, 0.01)	0.001	0.274	-0.038	0.023	0.105	-0.04 (-0.08, 0.01)	-0.033	0.024	0.183	-0.03 (-0.08, 0.02)
18396_10	AES	Q08117	211	0.012	0.012	0.291	0.01 (-0.01, 0.04)	0.585	0.129	-0.042	0.024	0.080	-0.04 (-0.09, 4.81e-03	0.003	0.009	-0.011	0.021	0.584	-0.01 (-0.05, 0.03)	-0.008	0.024	0.732	-0.01 (-0.06, 0.04)
9244_27	PPT1	P50897	211	0.014	0.013	0.292	0.01 (-0.01, 0.04)	0.586	0.012	-0.011	0.026	0.683	-0.01 (-0.06, 0.04)	0.002	0.277	-0.013	0.021	0.545	-0.01 (-0.05, 0.03)	-0.010	0.026	0.708	-0.01 (-0.06, 0.04)
12821_6	NLRP10	Q86W26	211	0.012	0.012	0.292	0.01 (-0.01, 0.03)	0.586	0.125	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)	0.003	0.012	-0.002	0.019	0.933	-1.57e-03 (-0.04, 0.0	-0.012	0.023	0.591	-0.01 (-0.06, 0.03)
16890_37	ADAMTSL1	Q8N6G6	211	-0.015	0.014	0.293	-0.02 (-0.04, 0.01)	0.586	3.37E-04	0.024	0.028	0.392	0.02 (-0.03, 0.08)	-0.002	0.108	-0.024	0.026	0.347	-0.02 (-0.07, 0.03)	-0.016	0.028	0.563	-0.02 (-0.07, 0.04)
17696_1	TICAM2	Q86XR7	211	0.013	0.013	0.292	0.01 (-0.01, 0.04)	0.586	0.042	-0.014	0.025	0.585	-0.01 (-0.06, 0.04)	0.002	0.213	-0.005	0.021	0.810	-0.01 (-0.05, 0.04)	0.010	0.025	0.686	0.01 (-0.04, 0.06)
18340_2	PSMB4	P28070	211	-0.012	0.012	0.293	-0.01 (-0.03, 0.01)	0.586	0.163	0.006	0.024	0.816	0.01 (-0.04, 0.05)	-0.001	0.394	-0.005	0.024	0.839	-4.97e-03 (-0.05, 0.0	-0.007	0.023	0.771	-0.01 (-0.05, 0.04)
19130_81	SERPINB8	P50452	211	0.013	0.012	0.292	0.01 (-0.01, 0.04)	0.586	0.180	-0.053	0.024	0.031	-0.05 (-0.10, -0.01)	0.004	0.002	-0.004	0.023	0.872	-3.68e-03 (-0.05, 0.0	-0.007	0.026	0.781	-0.01 (-0.06, 0.04)
2773_50	IL10	P22301	211	0.012	0.012	0.293	0.01 (-0.01, 0.04)	0.586	0.301	0.004	0.024	0.853	4.44e-03 (-0.04, 0.05)	0.000	0.706	0.006	0.025	0.816	0.01 (-0.04, 0.05)	0.007	0.025	0.775	0.01 (-0.04, 0.06)
10667_78	C1orf185	Q5T7R7	211	0.012	0.011	0.294	0.01 (-0.01, 0.03)	0.586	0.356	-0.028	0.022	0.209	-0.03 (-0.07, 0.02)	0.003	0.037	0.001	0.025	0.971	8.89e-04 (-0.05, 0.0	-0.003	0.022	0.908	-2.52e-03 (-0.05, 0.04)
10785_8	LRRC52	Q8N7C0	211	0.012	0.011	0.294	0.01 (-0.01, 0.03)	0.586	0.408	-0.008	0.023	0.725	-0.01 (-0.05, 0.04)	0.001	0.312	-0.012	0.019	0.518	-0.01 (-0.05, 0.02)	-0.026	0.024	0.293	-0.03 (-0.07, 0.02)
10956_82	GCSH	P23434	211	0.012	0.012	0.294	0.01 (-0.01, 0.03)	0.586	0.203	-0.023	0.024	0.340	-0.02 (-0.07, 0.02)	0.002	0.091	-0.020	0.021	0.339	-0.02 (-0.06, 0.02)	-0.018	0.024	0.462	-0.02 (-0.06, 0.03)
12473_48	KCTD5	Q9NXV2	211	0.012	0.012	0.293	0.01 (-0.01, 0.04)	0.586	0.055	-0.045	0.025	0.066	-0.05 (-0.09, 2.73e-03	0.004	0.007	-0.002	0.023	0.914	-2.46e-03 (-0.05, 0.0	0.006	0.024	0.819	0.01 (-0.04, 0.05)
14143_8	HIST2H2BE	Q16778	211	0.013	0.012	0.295	0.01 (-0.01, 0.04)	0.586	0.055	-0.037	0.025	0.140	-0.04 (-0.09, 0.01)	0.003	0.023	-0.007	0.020	0.714	-0.01 (-0.05, 0.03)	-0.018	0.026	0.482	-0.02 (-0.07, 0.03)
16605_2	C1QTNF9	P0C862	211	0.012	0.012	0.294	0.01 (-0.01, 0.04)	0.586	0.341	-0.015	0.024	0.537	-0.01 (-0.06, 0.03)	0.002	0.188	0.004	0.024	0.854	4.44e-03 (-0.04, 0.0	0.000	0.024	0.984	4.95e-04 (-0.05, 0.05)
17495_141	SIRT3	Q9NTG7	211	0.013	0.012	0.294	0.01 (-0.01, 0.04)	0.586	0.250	-0.022	0.025	0.369	-0.02 (-0.07, 0.03)	0.002	0.106	0.001	0.024	0.957	1.32e-03 (-0.05, 0.0	-0.001	0.025	0.977	-7.24e-04 (-0.05, 0.05)
18931_40	SLIT3	O75094	211	-0.014	0.013	0.294	-0.01 (-0.04, 0.01)	0.586	0.015	-0.039	0.026	0.128	-0.04 (-0.09, 0.01)	0.002	0.248	-0.024	0.024	0.320	-0.02 (-0.07, 0.02)	-0.014	0.025	0.582	-0.01 (-0.06, 0.04)
19175_18	MARCKSL1	P49006	211	-0.015	0.014	0.294	-0.01 (-0.04, 0.01)	0.586	5.91E-05	-0.041	0.028	0.152	-0.04 (-0.10, 0.01)	0.002	0.295	-0.033	0.024	0.169	-0.03 (-0.08, 0.01)	-0.033	0.025	0.188	-0.03 (-0.08, 0.02)
19303_64	PET117	Q6UWS5	211	0.012	0.012	0.293	0.01 (-0.01, 0.04)	0.586	0.055	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.003	0.016	-0.007	0.021	0.739	-0.01 (-0.05, 0.03)	-0.008	0.026	0.761	-0.01 (-0.06, 0.04)
4212_5	EPS15L1	Q9UBC2	211	-0.013	0.012	0.294	-0.01 (-0.04, 0.01)	0.586	0.093	-0.036	0.025	0.154	-0.04 (-0.09, 0.01)	0.001	0.282	-0.026	0.023	0.273	-0.03 (-0.07, 0.02)	-0.026	0.026	0.336	-0.03 (-0.08, 0.03)
6384_19	WFDC3	Q8IUB2	211	-0.012	0.012	0.294	-0.01 (-0.04, 0.01)	0.586	0.106	-0.042	0.025	0.092	-0.04 (-0.09, 0.01)	0.002	0.168	-0.041	0.023	0.081	-0.04 (-0.09, 5.00e-	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)
8066_38	SYT9	Q86SS6	211	0.012	0.012	0.295	0.01 (-0.01, 0.03)	0.586	0.135	-0.030	0.024	0.208	-0.03 (-0.08, 0.02)	0.003	0.042	-0.024	0.019	0.208	-0.02 (-0.06, 0.01)	-0.024	0.023	0.301	-0.02 (-0.07, 0.02)
9444_70	DGCR6	Q14129	211	0.012	0.012	0.295	0.01 (-0.01, 0.04)	0.586	0.112	-0.043	0.024	0.079	-0.04 (-0.09, 4.67e-03	0.003	0.009	-0.016	0.020	0.422	-0.02 (-0.05, 0.02)	-0.025	0.024	0.300	-0.02 (-0.07, 0.02)
9578_263	MANSC4	A6NHS7	211	-0.050	0.047	0.294	-0.05 (-0.14, 0.04)	0.586	0.00E+00	-0.106	0.094	0.259	-0.11 (-0.29, 0.08)	0.004	0.485	-0.007	0.024	0.763	-0.01 (-0.05, 0.04)	-0.006	0.022	0.795	-0.01 (-0.05, 0.04)
10827_67	LINGO3	P0C6S8	211	0.012	0.012	0.295	0.01 (-0.01, 0.04)	0.587	0.204	-0.018	0.024	0.462	-0.02 (-0.06, 0.03)	0.002	0.151	-0.019	0.020	0.337	-0.02 (-0.06, 0.02)	-0.025	0.023	0.289	-0.02 (-0.07, 0.02)
14227_21	MYL6B	P14649	211	0.015	0.015	0.296	0.02 (-0.01, 0.04)	0.588	1.99E-06	-0.030	0.029	0.300	-0.03 (-0.09, 0.03)	0.003	0.071	-0.021	0.023	0.361	-0.02 (-0.07, 0.02)	-0.015	0.025	0.540	-0.02 (-0.06, 0.03)
3822_54	MAPKAPK3	Q16644	211	-0.013	0.012	0.296	-0.01 (-0.04, 0.01)	0.588	0.132	-0.040	0.025	0.114	-0.04 (-0.09, 0.01)	0.002	0.210	-0.046	0.024	0.053	-0.05 (-0.09, 5.44e-	-0.052	0.026	0.043	-0.05 (-0.10, -1.91e-03)
7841_84	ESAM	Q96AP7	211	-0.013	0.012	0.296	-0.01 (-0.04, 0.01)	0.588	0.170	-0.026	0.025	0.312	-0.03 (-0.08, 0.02)	0.001	0.554	-0.040	0.022	0.070	-0.04 (-0.08, 3.32e-	-0.031	0.024	0.196	-0.03 (-0.08, 0.02)
8346_9	DPP7	Q9UHL4	211	-0.013	0.012	0.296	-0.01 (-0.04, 0.01)	0.588	0.383	-0.033	0.024	0.174	-0.03 (-0.08, 0.01)	0.001	0.328	-0.035	0.024	0.136	-0.04 (-0.08, 0.01)	-0.033	0.026	0.196	-0.03 (-0.08, 0.02)
8872_1	SEC61G	P60059	211	0.012	0.012	0.296	0.01 (-0.01, 0.03)	0.588	0.597	-0.021	0.023	0.352	-0.02 (-0.07, 0.02)	0.002	0.093	-0.011	0.022	0.632	-0.01 (-0.05, 0.03)	-0.010	0.024	0.687	-0.01 (-0.06, 0.04)
9310_2	CD8B	P10966	211	0.014	0.013	0.296	0.01 (-0.01, 0.04)	0.588	0.003	-0.059	0.026	0.024	-0.06 (-0.11, -0.01)	0.005	0.001	-0.015	0.021	0.489	-0.01 (-0.06, 0.03)	-0.016	0.026	0.547	-0.02 (-0.07, 0.03)
15480_2	VNN2	O95498	211	0.012	0.012	0.297	0.01 (-0.01, 0.04)	0.589	0.142	-0.029	0.025	0.237	-0.03 (-0.08, 0.02)	0.003	0.052	0.009	0.020	0.666	0.01 (-0.03, 0.05)	-0.014	0.026	0.582	-0.01 (-0.06, 0.04)
19119_10	DDIT3	P35638	211	0.012	0.012	0.297	0.01 (-0.01, 0.03)	0.589	0.174	-0.024	0.024	0.307	-0.02 (-0.07, 0.02)	0.002	0.077	0.005	0.023	0.837	4.84e-03 (-0.04, 0.0	-0.004	0.021	0.848	-4.05e-03 (-0.05, 0.04)
12737_12	PLS1	Q14651	211	0.013	0.013	0.298	0.01 (-0.01, 0.04)	0.589	0.035	-0.014	0.025	0.589	-0.01 (-0.06, 0.04)	0.002	0.218	-0.013	0.022	0.551	-0.01 (-0.06, 0.03)	-0.009	0.025	0.713	-0.01 (-0.06, 0.04)
19126_4	RPRD1B	Q9NQG5	211	0.013	0.013	0.297	0.01 (-0.01, 0.04)	0.589	0.020	-0.055	0.025	0.028	-0.06 (-0.10, -0.01)	0.004	0.002	-0.001	0.020	0.974	-6.36e-04 (-0.04, 0.0	-0.007	0.024	0.756	-0.01 (-0.05, 0.04)
5011_11	NAMPT	P43490	211	-0.012	0.012	0.297	-0.01 (-0.04, 0.01)	0.589	0.371	-0.021	0.024	0.379	-0.02 (-0.07, 0.03)	0.001	0.672	-0.014	0.025	0.564	-0.01 (-0.06, 0.03)	-0.016	0.026	0.546	-0.02 (-0.07, 0.04)
15308_108	VWC2	Q2TAL6	211	0.015	0.014	0.298	0.01 (-0.01, 0.04)	0.589	4.54E-04	-0.027	0.028	0.337	-0.03 (-0.08, 0.03)	0.003	0.086	-0.025	0.020	0.218	-0.03 (-0.07, 0.01)	-0.039	0.026	0.133	-0.04 (-0.09, 0.01)
19134_66	POLR2K	P53803	211	-0.013	0.012	0.298	-0.01 (-0.04, 0.01)	0.589	0.347	-0.044	0.024	0.070	-0.04 (-0.09, 3.33e-03	0.002	0.132	-0.050	0.021	0.018	-0.05 (-0.09, -0.01)	-0.048	0.026	0.062	-0.05 (-0.10, 2.14e-03)
19188_21	NAP1L4	Q99733	211	-0.012	0.012	0.298	-0.01 (-0.04, 0.01)	0.589	0.059	-0.034	0.025	0.178	-0.03 (-0.08, 0.02)	0.001	0.318	-0.045	0.021	0.030	-0.05 (-0.09, -4.49e-	-0.056	0.027	0.039	-0.06 (-0.11, -3.14e-03)
3821_28	MAPKAPK5	Q8IW41	211	0.013	0.013	0.298	0.01 (-0.01, 0.04)	0.589	0.050	-0.012	0.025	0.638	-0.01 (-0.06, 0.04)	0.002	0.249	-0.011	0.021	0.598	-0.01 (-0.05, 0.03)	-0.019	0.025	0.448	-0.02 (-0.07, 0.03)
8843_34	MYRF	Q9Y2G1	211	0.013	0.013	0.298	0.01 (-0.01, 0.04)	0.589	0.029	-0.060	0.025	0.017	-0.06 (-0.11, -0.01)	0.005	0.001	-0.028	0.021	0.170	-0.03 (-0.07, 0.01)	-0.025	0.025	0.317	-0.03 (-0.07, 0.02)
11439_88	RHPN2	Q8IUC4	211	0.014	0.014	0.298	0.01 (-0.01, 0.04)	0.589	2.30E-04	-0.047	0.027	0.088	-0.05 (-0.10, 0.01)	0.004	0.010	0.009	0.025	0.734	0.01 (-0.04, 0.06)	0.002	0.023	0.935	1.87e-03 (-0.04, 0.05)
4144_13	CCL13	Q99616	211	0.012	0.012	0.298	0.01 (-0.01, 0.03)	0.589	0.170	-0.030	0.024	0.206	-0.03 (-0.08, 0.02)	0.003	0.041	-0.007	0.022	0.738	-0.01 (-0.05, 0.03)	-0.003	0.024	0.901	-2.95e-03 (-0.05, 0.04)
10535_25	COX6A2	Q02221	211	0.012	0.012	0.299	0.01 (-0.01, 0.03)	0.590	0.694	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	0.002	0.083	0.001	0.018	0.970	6.96e-04 (-0.04, 0.0	-0.016	0.024	0.493	-0.02 (-0.06, 0.03)
7717_95	CFTR	P13569	211	0.012	0.012	0.299	0.01 (-0.01, 0.03)	0.590	0.407	0.009	0.023	0.693	0.01 (-0.04, 0.05)	0.000	0.889	-0.016	0.020	0.443	-0.02 (-0.06, 0.02)	-0.003	0.022	0.900	-2.81e-03 (-0.05, 0.04)
12825_18	APPL1	Q9UKG1	211	0.013	0.013	0.299	0.01 (-0.01, 0.04)	0.591	0.050	-0.009	0.025	0.729	-0.01 (-0.06, 0.04)	0.001	0.316	-0.017	0.021	0.434	-0.02 (-0.06, 0.03)	-0.017	0.023	0.445	-0.02 (-0.06, 0.03)
19254_125	GMPR	P36959	211	-0.010	0.010	0.301	-0.01 (-0.03, 0.01)	0.593	0.564	-0.037	0.020	0.062	-0.04 (-0.08, 1.68e-03	0.002	0.119	-0.018	0.017	0.283	-0.02 (-0.05, 0.01)	-0.028	0.020	0.176	-0.03 (-0.07, 0.01)
9116_28	HEPACAM2	A8MVW5	211	0.014	0.013	0.301	0.01 (-0.01, 0.04)	0.593	0.012	-0.035	0.026	0.172	-0.04 (-0.09, 0.02)	0.003	0.029	-0.017	0.023	0.474	-0.02 (-0.06, 0.03)	-0.007	0.024	0.782	-0.01 (-0.05, 0.04)
19274_80	SNTA1	Q13424	211	-0.012	0.012	0.301	-0.01 (-0.04, 0.01)	0.593	0.124	-0.024	0.025	0.338	-0.02 (-0.07, 0.03)	0.001	0.588	-0.048	0.021	0.023	-0.05 (-0.09, -0.01)	-0.055	0.026	0.033	-0.05 (-0.10, -4.87e-03)
10063_10	FANCL	Q9NW38	211	0.012	0.012	0.302	0.01 (-0.01, 0.04)	0.594	0.194	-0.059	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.001	-0.013	0.020	0.510	-0.01 (-0.05, 0.03)	-0.017	0.022	0.425	-0.02 (-0.06, 0.03)
18831_6	LRIG1	Q96JA1	211	0.015	0.014	0.302	0.01 (-0.01, 0.04)	0.595	1.65E-05	-0.012	0.028	0.683	-0.01 (-0.07, 0.04)	0.002	0.283	-0.006	0.021	0.784	-0.01 (-0.05, 0.04)	-0.014	0.025	0.585	-0.01 (-0.06, 0.04)
5690_49	TUFT1	Q9NNX1	211	0.012	0.012	0.302	0.01 (-0.01, 0.03)	0.595	0.077	-0.023	0.025	0.359	-0.02 (-0.07, 0.03)	0.002	0.105	-0.012	0.020	0.562	-0.01 (-0.05, 0.03)	-0.023	0.023	0.330	-0.02 (-0.07, 0.02)
6022_57	NELL2	Q99435	211	0.014	0.013	0.302	0.01 (-0.01, 0.04)	0.595	0.014	0.024	0.027	0.370	0.02 (-0.03, 0.08)	-0.001	0.661	0.032	0.024	0.192	0.03 (-0.02, 0.08)	0.020	0.027	0.460	0.02 (-0.03, 0.07)
12641_3	INPP5B	P32019	211	-0.013	0.013	0.303	-0.01 (-0.04, 0.01)	0.596	0.041	-0.028	0.026	0.274	-0.03 (-0.08, 0.02)	0.001	0.504	-0.039	0.022	0.070	-0.04 (-0.08, 3.12e-	-0.050	0.025	0.042	-0.05 (-0.10, -2.16e-03)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
15436_40	RAMP1	O60894	211	0.012	0.012	0.303	0.01 (-0.01, 0.03)	0.596	0.179	-0.031	0.024	0.193	-0.03 (-0.08, 0.02)	0.003	0.038	-0.031	0.020	0.124	-0.03 (-0.07, 0.01)	-0.031	0.024	0.211	-0.03 (-0.08, 0.02)
6553_68	CFAP45	Q9UL16	211	0.012	0.012	0.303	0.01 (-0.01, 0.03)	0.596	0.279	-0.038	0.023	0.102	-0.04 (-0.08, 0.01)	0.003	0.013	-0.025	0.022	0.241	-0.03 (-0.07, 0.02)	-0.016	0.022	0.471	-0.02 (-0.06, 0.03)
9826_135	FHIT	P49789	211	-0.012	0.012	0.303	-0.01 (-0.04, 0.01)	0.596	0.335	-0.035	0.024	0.143	-0.04 (-0.08, 0.01)	0.001	0.267	-0.036	0.023	0.121	-0.04 (-0.08, 0.01)	-0.027	0.023	0.246	-0.03 (-0.07, 0.02)
14051_54	FOXC2	Q99958	211	0.012	0.012	0.304	0.01 (-0.01, 0.03)	0.596	0.345	-0.026	0.023	0.260	-0.03 (-0.07, 0.02)	0.002	0.059	-0.011	0.019	0.581	-0.01 (-0.05, 0.03)	-0.024	0.022	0.272	-0.02 (-0.07, 0.02)
12861_13	TMOD3	Q9NYL9	211	-0.012	0.012	0.304	-0.01 (-0.03, 0.01)	0.596	0.201	-0.034	0.024	0.155	-0.03 (-0.08, 0.01)	0.001	0.283	-0.042	0.022	0.050	-0.04 (-0.08, 8.70e-	-0.040	0.025	0.109	-0.04 (-0.09, 0.01)
8956_96	SCARF2	Q96GP6	211	-0.012	0.012	0.304	-0.01 (-0.04, 0.01)	0.596	0.137	0.001	0.025	0.968	1.01e-03 (-0.05, 0.05)	-0.001	0.537	-0.019	0.026	0.463	-0.02 (-0.07, 0.03)	-0.030	0.024	0.222	-0.03 (-0.08, 0.02)
17818_22	SUGT1	Q9Y2Z0	211	-0.012	0.012	0.304	-0.01 (-0.04, 0.01)	0.597	0.058	-0.041	0.026	0.114	-0.04 (-0.09, 0.01)	0.002	0.202	-0.059	0.021	0.005	-0.06 (-0.10, -0.02)	-0.060	0.026	0.022	-0.06 (-0.11, -0.01)
8933_84	MEF2C	Q06413	211	0.013	0.013	0.305	0.01 (-0.01, 0.04)	0.597	0.005	-0.042	0.026	0.103	-0.04 (-0.09, 0.01)	0.003	0.013	-0.013	0.020	0.514	-0.01 (-0.05, 0.03)	-0.015	0.023	0.508	-0.02 (-0.06, 0.03)
15448_47	SQSTM1	Q13501	211	0.012	0.012	0.305	0.01 (-0.01, 0.03)	0.597	0.407	-0.038	0.023	0.101	-0.04 (-0.08, 0.01)	0.003	0.013	-0.009	0.021	0.646	-0.01 (-0.05, 0.03)	-0.009	0.024	0.698	-0.01 (-0.06, 0.04)
17332_3	ADPRHL2	Q9NX46	211	-0.013	0.013	0.305	-0.01 (-0.04, 0.01)	0.598	0.025	-0.049	0.026	0.057	-0.05 (-0.10, 1.23e-03	0.002	0.108	-0.027	0.019	0.168	-0.03 (-0.06, 0.01)	-0.047	0.025	0.065	-0.05 (-0.10, 2.57e-03)
19388_2	CDH12	P55289	211	0.013	0.013	0.305	0.01 (-0.01, 0.04)	0.598	0.002	-0.019	0.026	0.471	-0.02 (-0.07, 0.03)	0.002	0.155	0.004	0.024	0.870	3.88e-03 (-0.04, 0.0	-0.004	0.023	0.875	-3.64e-03 (-0.05, 0.04)
6410_26	INSL4	Q14641	211	0.013	0.013	0.306	0.01 (-0.01, 0.04)	0.598	0.002	-0.032	0.026	0.224	-0.03 (-0.08, 0.02)	0.003	0.045	-0.030	0.019	0.109	-0.03 (-0.07, 0.01)	-0.036	0.022	0.111	-0.04 (-0.08, 0.01)
5001_6	SCGB2A1	O75556	211	0.014	0.014	0.306	0.01 (-0.01, 0.04)	0.598	0.001	-0.030	0.027	0.267	-0.03 (-0.08, 0.02)	0.003	0.060	-0.010	0.023	0.666	-0.01 (-0.05, 0.03)	-0.015	0.024	0.545	-0.01 (-0.06, 0.03)
12432_23	CACYBP	Q9HB71	211	-0.012	0.012	0.306	-0.01 (-0.04, 0.01)	0.598	0.096	-0.042	0.025	0.093	-0.04 (-0.09, 0.01)	0.002	0.166	-0.052	0.021	0.014	-0.05 (-0.09, -0.01)	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)
4309_59	TPI1	P60174	211	-0.013	0.013	0.306	-0.01 (-0.04, 0.01)	0.598	0.047	-0.036	0.025	0.160	-0.04 (-0.09, 0.01)	0.001	0.301	-0.040	0.024	0.100	-0.04 (-0.09, 0.01)	-0.041	0.026	0.113	-0.04 (-0.09, 0.01)
6473_55	BPIFA1	Q9NP55	211	0.012	0.012	0.306	0.01 (-0.01, 0.04)	0.598	0.129	-0.045	0.024	0.065	-0.04 (-0.09, 2.58e-03	0.004	0.007	-0.008	0.021	0.702	-0.01 (-0.05, 0.03)	0.000	0.024	0.985	4.69e-04 (-0.05, 0.05)
8236_8	C18orf32	Q8TCD1	211	0.012	0.012	0.306	0.01 (-0.01, 0.03)	0.598	0.768	-0.016	0.023	0.477	-0.02 (-0.06, 0.03)	0.002	0.158	0.021	0.023	0.352	0.02 (-0.02, 0.07)	0.021	0.025	0.411	0.02 (-0.03, 0.07)
8300_82	PEX14	O75381	211	-0.012	0.012	0.307	-0.01 (-0.04, 0.01)	0.598	0.225	-0.035	0.024	0.151	-0.03 (-0.08, 0.01)	0.001	0.276	-0.046	0.020	0.020	-0.05 (-0.09, -0.01)	-0.042	0.023	0.075	-0.04 (-0.09, 4.03e-03)
9287_6	SPR	P35270	211	0.012	0.012	0.307	0.01 (-0.01, 0.03)	0.598	0.361	-0.035	0.023	0.129	-0.04 (-0.08, 0.01)	0.003	0.019	0.000	0.024	0.994	-1.82e-04 (-0.05, 0.	-0.017	0.021	0.433	-0.02 (-0.06, 0.03)
12696_166	PRMT3	O60678	211	0.014	0.013	0.307	0.01 (-0.01, 0.04)	0.598	0.005	-0.029	0.026	0.272	-0.03 (-0.08, 0.02)	0.003	0.062	0.004	0.020	0.834	4.20e-03 (-0.04, 0.0	-0.038	0.027	0.153	-0.04 (-0.09, 0.01)
19224_5	EIF1AY	O14602	211	-0.013	0.013	0.307	-0.01 (-0.04, 0.01)	0.599	0.030	-0.046	0.026	0.077	-0.05 (-0.10, 4.71e-03	0.002	0.146	-0.057	0.021	0.008	-0.06 (-0.10, -0.01)	-0.058	0.027	0.029	-0.06 (-0.11, -0.01)
13735_1	RAP1GAP	P47736	211	0.012	0.012	0.308	0.01 (-0.01, 0.03)	0.599	0.288	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)	0.003	0.043	0.002	0.024	0.936	1.91e-03 (-0.04, 0.0	-0.009	0.023	0.709	-0.01 (-0.05, 0.04)
18228_30	NOP16	Q9Y3C1	211	0.013	0.013	0.308	0.01 (-0.01, 0.04)	0.599	0.018	-0.035	0.025	0.160	-0.04 (-0.08, 0.01)	0.003	0.027	-0.014	0.021	0.500	-0.01 (-0.06, 0.03)	-0.007	0.023	0.758	-0.01 (-0.05, 0.04)
11177_16	KRT5	P13647	211	-0.013	0.013	0.308	-0.01 (-0.04, 0.01)	0.600	0.005	-0.051	0.026	0.054	-0.05 (-0.10, 6.51e-04	0.002	0.102	-0.031	0.023	0.185	-0.03 (-0.08, 0.01)	-0.029	0.023	0.212	-0.03 (-0.08, 0.02)
12560_9	NT5C	Q8TCD5	211	-0.012	0.012	0.309	-0.01 (-0.04, 0.01)	0.600	0.237	-0.030	0.025	0.217	-0.03 (-0.08, 0.02)	0.001	0.391	-0.028	0.022	0.204	-0.03 (-0.07, 0.02)	-0.035	0.025	0.159	-0.03 (-0.08, 0.01)
18417_3	AS3MT	Q9HBK9	211	0.013	0.013	0.308	0.01 (-0.01, 0.04)	0.600	0.049	-0.056	0.025	0.024	-0.06 (-0.10, -0.01)	0.004	0.001	-0.009	0.024	0.709	-0.01 (-0.06, 0.04)	0.004	0.024	0.862	4.24e-03 (-0.04, 0.05)
7925_18	SMCO2	A6NFE2	211	0.012	0.012	0.308	0.01 (-0.01, 0.03)	0.600	0.101	-0.069	0.024	0.004	-0.07 (-0.12, -0.02)	0.005	1.20E-04	-0.029	0.020	0.144	-0.03 (-0.07, 0.01)	-0.029	0.024	0.234	-0.03 (-0.08, 0.02)
11378_37	SYK	P43405	211	-0.012	0.012	0.309	-0.01 (-0.04, 0.01)	0.600	0.135	-0.035	0.025	0.155	-0.04 (-0.08, 0.01)	0.001	0.277	-0.034	0.024	0.151	-0.03 (-0.08, 0.01)	-0.043	0.026	0.097	-0.04 (-0.09, 0.01)
15343_337	KNG1	P01042	211	0.014	0.014	0.309	0.01 (-0.01, 0.04)	0.601	0.006	0.009	0.027	0.746	0.01 (-0.04, 0.06)	0.000	0.831	0.001	0.024	0.956	1.29e-03 (-0.04, 0.0	0.008	0.025	0.746	0.01 (-0.04, 0.06)
13994_1	FBL	P22087	211	0.013	0.013	0.309	0.01 (-0.01, 0.04)	0.601	0.015	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	1.20E-04	-0.017	0.021	0.425	-0.02 (-0.06, 0.02)	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)
8832_55	BST2	Q10589	211	0.012	0.012	0.310	0.01 (-0.01, 0.03)	0.601	0.091	-0.022	0.025	0.382	-0.02 (-0.07, 0.03)	0.002	0.117	0.005	0.020	0.784	0.01 (-0.03, 0.04)	-0.006	0.023	0.777	-0.01 (-0.05, 0.04)
14047_78	BDNF	P23560	211	-0.015	0.015	0.310	-0.02 (-0.04, 0.01)	0.601	7.05E-06	-0.055	0.029	0.062	-0.06 (-0.11, 2.35e-03	0.003	0.115	-0.046	0.024	0.053	-0.05 (-0.09, 6.75e-	-0.044	0.023	0.057	-0.04 (-0.09, 1.04e-03)
12786_61	GPCPD1	Q9NPB8	211	-0.012	0.012	0.311	-0.01 (-0.04, 0.01)	0.603	0.205	-0.025	0.024	0.302	-0.03 (-0.07, 0.02)	0.001	0.530	-0.044	0.020	0.028	-0.04 (-0.08, -4.86e-	-0.043	0.024	0.081	-0.04 (-0.09, 0.01)
8272_22	HSD17B7	P56937	211	0.012	0.012	0.311	0.01 (-0.01, 0.03)	0.603	0.407	-0.026	0.023	0.272	-0.03 (-0.07, 0.02)	0.002	0.064	-0.011	0.022	0.617	-0.01 (-0.05, 0.03)	-0.003	0.022	0.897	-2.80e-03 (-0.05, 0.04)
10445_20	APOM	O95445	211	-0.016	0.016	0.311	-0.02 (-0.05, 0.02)	0.603	4.85E-11	-0.006	0.032	0.864	-0.01 (-0.07, 0.06)	-0.001	0.697	0.028	0.021	0.197	0.03 (-0.01, 0.07)	0.038	0.028	0.166	0.04 (-0.02, 0.09)
13377_3	CYB561D1	Q8N8Q1	211	0.014	0.014	0.311	0.01 (-0.01, 0.04)	0.603	0.003	-0.035	0.027	0.194	-0.03 (-0.09, 0.02)	0.003	0.036	-0.011	0.024	0.654	-0.01 (-0.06, 0.04)	-0.002	0.025	0.940	-1.90e-03 (-0.05, 0.05)
17403_14	ACADSB	P45954	211	-0.012	0.012	0.311	-0.01 (-0.03, 0.01)	0.603	0.370	-0.012	0.023	0.598	-0.01 (-0.06, 0.03)	0.000	0.975	-0.012	0.023	0.609	-0.01 (-0.06, 0.03)	-0.011	0.024	0.637	-0.01 (-0.06, 0.04)
11352_42	TTN	Q8WZ42	211	0.013	0.013	0.312	0.01 (-0.01, 0.04)	0.604	0.042	-0.031	0.025	0.215	-0.03 (-0.08, 0.02)	0.003	0.042	-0.003	0.024	0.899	-3.11e-03 (-0.05, 0.	0.005	0.023	0.817	0.01 (-0.04, 0.05)
16588_10	HSPA5	P11021	211	0.012	0.012	0.312	0.01 (-0.01, 0.04)	0.604	0.052	-0.037	0.025	0.141	-0.04 (-0.09, 0.01)	0.003	0.025	-0.010	0.022	0.665	-0.01 (-0.05, 0.03)	-0.006	0.025	0.811	-0.01 (-0.05, 0.04)
13089_6	HIF1A	Q16665	211	0.013	0.013	0.312	0.01 (-0.01, 0.04)	0.604	0.034	-0.038	0.024	0.124	-0.04 (-0.09, 0.01)	0.003	0.017	-0.011	0.021	0.608	-0.01 (-0.05, 0.03)	-0.012	0.023	0.591	-0.01 (-0.06, 0.03)
4304_18	LCORL	Q8N3X6	211	0.012	0.012	0.312	0.01 (-0.01, 0.03)	0.604	0.243	-0.037	0.024	0.122	-0.04 (-0.08, 0.01)	0.003	0.019	-0.001	0.023	0.962	-1.09e-03 (-0.05, 0.	-0.003	0.023	0.890	-3.14e-03 (-0.05, 0.04)
6450_8	FABP6	P51161	211	0.012	0.012	0.312	0.01 (-0.01, 0.03)	0.604	0.147	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)	0.003	0.012	-0.017	0.020	0.410	-0.02 (-0.06, 0.02)	-0.021	0.024	0.372	-0.02 (-0.07, 0.03)
6948_82	FIG4	Q92562	211	0.012	0.012	0.313	0.01 (-0.01, 0.03)	0.604	0.420	-0.037	0.023	0.111	-0.04 (-0.08, 0.01)	0.003	0.015	-0.023	0.022	0.293	-0.02 (-0.06, 0.02)	-0.019	0.024	0.429	-0.02 (-0.07, 0.03)
10507_166	ACRV1	P26436	211	0.012	0.012	0.314	0.01 (-0.01, 0.03)	0.606	0.473	-0.049	0.023	0.035	-0.05 (-0.09, -3.81e-0	0.004	0.003	-0.036	0.021	0.084	-0.04 (-0.08, 4.91e-	-0.030	0.023	0.204	-0.03 (-0.08, 0.02)
10342_55	PIAS4	Q8N2W9	211	0.013	0.013	0.314	0.01 (-0.01, 0.04)	0.606	0.006	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)	0.005	0.001	-0.014	0.022	0.523	-0.01 (-0.06, 0.03)	-0.013	0.025	0.608	-0.01 (-0.06, 0.04)
10638_1	TINF2	Q9BSI4	211	0.013	0.013	0.315	0.01 (-0.01, 0.04)	0.606	0.011	-0.022	0.025	0.399	-0.02 (-0.07, 0.03)	0.002	0.118	-0.019	0.021	0.359	-0.02 (-0.06, 0.02)	-0.025	0.023	0.287	-0.02 (-0.07, 0.02)
11681_8	AGFG1	P52594	211	-0.012	0.012	0.315	-0.01 (-0.03, 0.01)	0.606	0.071	-0.042	0.025	0.092	-0.04 (-0.09, 0.01)	0.002	0.160	-0.041	0.022	0.064	-0.04 (-0.08, 2.47e-	-0.036	0.025	0.140	-0.04 (-0.08, 0.01)
15313_28	MAD2L1	Q13257	211	0.013	0.013	0.315	0.01 (-0.01, 0.04)	0.606	0.049	-0.050	0.025	0.045	-0.05 (-0.10, -1.44e-0	0.004	0.004	-0.001	0.019	0.938	-1.46e-03 (-0.04, 0.	-0.024	0.024	0.329	-0.02 (-0.07, 0.02)
18306_1	PALM	O75781	211	0.014	0.014	0.314	0.01 (-0.01, 0.04)	0.606	0.002	-0.062	0.026	0.019	-0.06 (-0.11, -0.01)	0.005	0.001	-0.011	0.020	0.595	-0.01 (-0.05, 0.03)	-0.016	0.023	0.487	-0.02 (-0.06, 0.03)
8013_9	LMAN2L	Q9H0V9	211	-0.012	0.012	0.314	-0.01 (-0.03, 0.01)	0.606	0.470	-0.018	0.023	0.424	-0.02 (-0.06, 0.03)	0.000	0.733	-0.031	0.023	0.179	-0.03 (-0.08, 0.01)	-0.022	0.025	0.377	-0.02 (-0.07, 0.03)
9848_22	CCNH	P51946	211	0.013	0.013	0.314	0.01 (-0.01, 0.04)	0.606	0.049	-0.021	0.025	0.401	-0.02 (-0.07, 0.03)	0.002	0.119	-0.001	0.023	0.949	-1.47e-03 (-0.05, 0.	0.002	0.022	0.943	1.56e-03 (-0.04, 0.04)
4140_3	IL7	P13232	211	0.012	0.012	0.315	0.01 (-0.01, 0.03)	0.607	0.417	-0.012	0.023	0.591	-0.01 (-0.06, 0.03)	0.002	0.229	0.000	0.022	1.000	0.00e+00 (-0.04, 0.	0.004	0.022	0.849	4.20e-03 (-0.04, 0.05)
6393_63	HSP90B1	P14625	211	-0.011	0.011	0.315	-0.01 (-0.03, 0.01)	0.607	0.186	-0.027	0.023	0.246	-0.03 (-0.07, 0.02)	0.001	0.433	-0.026	0.021	0.205	-0.03 (-0.07, 0.01)	-0.025	0.024	0.291	-0.02 (-0.07, 0.02)
10455_196	IL31	Q6EBC2	211	0.013	0.013	0.317	0.01 (-0.01, 0.04)	0.607	0.002	-0.056	0.026	0.031	-0.06 (-0.11, -0.01)	0.004	0.002	-0.026	0.018	0.153	-0.03 (-0.06, 0.01)	-0.036	0.025	0.146	-0.04 (-0.09, 0.01)
11102_22	REG4	Q9BYZ8	211	0.016	0.016	0.316	0.02 (-0.02, 0.05)	0.607	1.22E-10	-0.003	0.032	0.930	-2.80e-03 (-0.07, 0.06	0.001	0.494	0.029	0.027	0.292	0.03 (-0.02, 0.08)	0.034	0.030	0.266	0.03 (-0.03, 0.09)
12466_7	HNRNPA1	P09651	211	-0.013	0.013	0.317	-0.01 (-0.04, 0.01)	0.607	0.014	-0.068	0.026	0.008	-0.07 (-0.12, -0.02)	0.003	0.013	-0.045	0.020	0.028	-0.04 (-0.08, -4.89e-	-0.064	0.024	0.009	-0.06 (-0.11, -0.02)
12636_113	SMYD2	Q9NRG4	211	0.012	0.012	0.317	0.01 (-0.01, 0.03)	0.607	0.218	-0.018	0.024	0.445	-0.02 (-0.06, 0.03)	0.002	0.147	0.003	0.024	0.892	3.25e-03 (-0.04, 0.0	-0.007	0.022	0.735	-0.01 (-0.05, 0.04)
13541_1	MYCT1	Q8N699	211	0.012	0.012	0.317	0.01 (-0.01, 0.03)	0.607	0.115	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.001	-0.022	0.020	0.261	-0.02 (-0.06, 0.02)	-0.032	0.022	0.155	-0.03 (-0.08, 0.01)
15584_9	CFHR2	P36980	211	0.012	0.012	0.317	0.01 (-0.01, 0.04)	0.607	1.17E-10	-0.013	0.024	0.578	-0.01 (-0.06, 0.03)	0.002	0.220	-0.003	0.017	0.875	-2.60e-03 (-0.04, 0.	-0.008	0.017	0.653	-0.01 (-0.04, 0.03)
17800_33	SCAND1	P57086	211	0.012	0.012	0.316	0.01 (-0.01, 0.03)	0.607	0.073	-0.049	0.024	0.045	-0.05 (-0.10, -1.33e-0	0.004	0.004	-0.012	0.024	0.605	-0.01 (-0.06, 0.03)	-0.015	0.024	0.517	-0.02 (-0.06, 0.03)
18392_19	MAT2B	Q9NZL9	211	-0.014	0.014	0.316	-0.01 (-0.04, 0.01)	0.607	0.001	-0.011	0.028	0.693	-0.01 (-0.07, 0.04)	0.000	0.899	-0.030	0.026	0.250	-0.03 (-0.08, 0.02)	-0.028	0.025	0.275	-0.03 (-0.08, 0.02)
2823_7	COMMD7	Q86VX2	211	-0.013	0.013	0.317	-0.01 (-0.04, 0.01)	0.607	0.046	-0.052	0.025	0.040	-0.05 (-0.10, -2.71e-0	0.002	0.072	-0.018	0.020	0.362	-0.02 (-0.06, 0.02)	-0.030	0.024	0.206	-0.03 (-0.08, 0.02)
6240_70	RSPO1	Q2MKA7	211	0.012	0.012	0.316	0.01 (-0.01, 0.03)	0.607	0.276	-0.051	0.023	0.031	-0.05 (-0.10, -4.99e-0	0.004	0.002	-0.015	0.021	0.482	-0.01 (-0.06, 0.03)	-0.019	0.023	0.398	-0.02 (-0.06, 0.03)
7186_111	STX3	Q13277	211	0.012	0.012	0.316	0.01 (-0.01, 0.03)	0.607	0.057	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.003	0.015	-0.034	0.022	0.120	-0.03 (-0.08, 0.01)	-0.041	0.025	0.104	-0.04 (-0.09, 0.01)
7751_121	SFRP2	Q96HF1	211	0.013	0.013	0.316	0.01 (-0.01, 0.04)	0.607	0.019	-0.056	0.025	0.028	-0.06 (-0.11, -0.01)	0.004	0.002	-0.012	0.021	0.559	-0.01 (-0.05, 0.03)	-0.013	0.024	0.591	-0.01 (-0.06, 0.03)
8045_3	KIR3DL3	Q8N743	211	0.012	0.012	0.316	0.01 (-0.01, 0.03)	0.607	0.158	-0.031	0.024	0.205	-0.03 (-0.08, 0.02)	0.003	0.043	-0.012	0.023	0.607	-0.01 (-0.06, 0.03)	-0.011	0.022	0.630	-0.01 (-0.05, 0.03)
8989_40	SCUBE1	Q8IWY4	211	0.015	0.015	0.316	0.01 (-0.01, 0.04)	0.607	4.16E-05	-0.042	0.029	0.148	-0.04 (-0.10, 0.01)	0.004	0.024	-0.008	0.024	0.725	-0.01 (-0.05, 0.04)	-0.002	0.026	0.929	-2.28e-03 (-0.05, 0.05)
19511_8	DCUN1D2	Q6PH85	211	0.011	0.011	0.317	0.01 (-0.01, 0.03)	0.608	0.551	-0.023	0.023	0.305	-0.02 (-0.07, 0.02)	0.002	0.079	-0.010	0.022	0.668	-0.01 (-0.05, 0.03)	-0.012	0.023	0.611	-0.01 (-0.06, 0.03)
12365_108	RUVBL1	Q9Y265	211	-0.012	0.012	0.318	-0.01 (-0.04, 0.01)	0.608	0.056	-0.051	0.025	0.042	-0.05 (-0.10, -2.05e-0	0.002	0.070	-0.036	0.022	0.100	-0.04 (-0.08, 0.01)	-0.040	0.024	0.092	-0.04 (-0.09, 0.01)
17738_7	CRNN	Q9UBG3	211	0.011	0.011	0.318	0.01 (-0.01, 0.03)	0.608	0.287	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)	0.002	0.098	-0.007	0.023	0.757	-0.01 (-0.05, 0.04)	-0.011	0.025	0.671	-0.01 (-0.06, 0.04)
8976_13	B4GALNT1	Q00973	211	0.012	0.012	0.318	0.01 (-0.01, 0.03)	0.609	0.284	-0.016	0.023	0.506	-0.02 (-0.06, 0.03)	0.002	0.180	0.007	0.025	0.796	0.01 (-0.04, 0.06)	0.004	0.024	0.870	4.00e-03 (-0.04, 0.05)
8941_4	NLGN3	Q9NZ94	211	0.012	0.012	0.319	0.01 (-0.01, 0.03)	0.610	0.101	0.000	0.024	0.990	-3.01e-04 (-0.05, 0.05	0.001	0.575	-0.001	0.019	0.939	-1.47e-03 (-0.04, 0.	-0.010	0.026	0.702	-0.01 (-0.06, 0.04)
10892_8	OSMR	Q99650	211	0.013	0.013	0.319	0.01 (-0.01, 0.04)	0.610	0.024	-0.054	0.025	0.033	-0.05 (-0.10, -4.71e-0	0.004	0.002	-0.013	0.019	0.512	-0.01 (-0.05, 0.02)	-0.026	0.025	0.300	-0.03 (-0.08, 0.02)
14614_41	NCMAP	Q5T1S8	211	-0.013	0.013	0.320	-0.01 (-0.04, 0.01)	0.610	0.031	0.004	0.026	0.862	4.44e-03 (-0.05, 0.05)	-0.001	0.435	0.010	0.020	0.610	0.01 (-0.03, 0.05)	0.020	0.024	0.397	0.02 (-0.03, 0.07)
4261_55	PON1	P27169	211	0.012	0.012	0.319	0.01 (-0.01, 0.03)	0.610	0.178	-0.046	0.024	0.058	-0.05 (-0.09, 1.24e-03	0.004	0.006	-0.007	0.019	0.737	-0.01 (-0.04, 0.03)	-0.021	0.023	0.349	-0.02 (-0.07, 0.02)
6369_82	DEAF1	O75398	211	0.012	0.012	0.320	0.01 (-0.01, 0.04)	0.610	0.081	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.003	0.016	-0.011	0.022	0.606	-0.01 (-0.05, 0.03)	-0.012	0.023	0.599	-0.01 (-0.06, 0.03)
8428_102	NTM	Q9P121	211	0.015	0.016	0.319	0.02 (-0.01, 0.05)	0.610	3.07E-07	0.056	0.031	0.068	0.06 (-3.81e-03, 0.12)	-0.003	0.124	0.031	0.025	0.209	0.03 (-0.02, 0.08)	0.027	0.026	0.299	0.03 (-0.02, 0.08)
3758_68	PROC	P04070	211	-0.012	0.013	0.320	-0.01 (-0.04, 0.01)	0.610	0.036	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.003	0.035	-0.042	0.022	0.058	-0.04 (-0.09, 1.39e-	-0.041	0.025	0.097	-0.04 (-0.09, 0.01)
9316_67	WFDC1	Q9HC57	211	0.012	0.012	0.320	0.01 (-0.01, 0.04)	0.610	0.309	-0.023	0.025	0.356	-0.02 (-0.07, 0.03)	0.002	0.101	-0.005	0.026	0.856	-4.67e-03 (-0.06, 0.	-0.016	0.024	0.504	-0.02 (-0.06, 0.03)
6536_54	PLBD2	Q8NHP8	211	0.012	0.012	0.320	0.01 (-0.01, 0.04)	0.610	0.172	-0.041	0.024	0.096	-0.04 (-0.09, 0.01)	0.003	0.013	-0.008	0.022	0.701	-0.01 (-0.05, 0.03)	-0.007	0.023	0.750	-0.01 (-0.05, 0.04)
19263_147	EIF4E	P06730	211	-0.013	0.013	0.320	-0.01 (-0.04, 0.01)	0.610	0.033	-0.050	0.026	0.054	-0.05 (-0.10, 5.19e-04	0.002	0.098	-0.051	0.021	0.014	-0.05 (-0.09, -0.01)	-0.059	0.025	0.020	-0.06 (-0.11, -0.01)
12585_39	ERCC1	P07992	211	0.013	0.013	0.320	0.01 (-0.01, 0.04)	0.610	0.026	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)	0.003	0.017	-0.006	0.021	0.777	-0.01 (-0.05, 0.03)	-0.011	0.022	0.608	-0.01 (-0.05, 0.03)
19523_215	PARK7	Q99497	211	-0.013	0.013	0.321	-0.01 (-0.04, 0.01)	0.610	0.025	-0.034	0.026	0.190	-0.03 (-0.09, 0.02)	0.001	0.346	-0.046	0.023	0.043	-0.05 (-0.09, -1.37e-	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)
5451_1	ALCAM	Q13740	211	0.014	0.014	0.321	0.01 (-0.01, 0.04)	0.610	4.10E-04	0.012	0.028	0.662	0.01 (-0.04, 0.07)	0.000	0.943	-0.018	0.024	0.452	-0.02 (-0.07, 0.03)	-0.008	0.026	0.761	-0.01 (-0.06, 0.04)
11185_145	GCH1	P30793	211	0.013	0.013	0.321	0.01 (-0.01, 0.04)	0.610	0.009	-0.059	0.025	0.020	-0.06 (-0.11, -0.01)	0.005	0.001	-0.009	0.022	0.668	-0.01 (-0.05, 0.03)	-0.015	0.023	0.520	-0.02 (-0.06, 0.03)
18198_51	HBQ1	P09105	211	0.013	0.013	0.321	0.01 (-0.01, 0.04)	0.610	0.004	-0.018	0.026	0.482	-0.02 (-0.07, 0.03)	0.002	0.164	-0.005	0.021	0.791	-0.01 (-0.05, 0.03)	-0.007	0.021	0.757	-0.01 (-0.05, 0.04)
9283_8	CD44	P16070	211	0.012	0.012	0.321	0.01 (-0.01, 0.03)	0.610	0.161	-0.044	0.024	0.069	-0.04 (-0.09, 3.18e-03	0.003	0.008	-0.021	0.021	0.316	-0.02 (-0.06, 0.02)	-0.007	0.022	0.739	-0.01 (-0.05, 0.04)
12904_180	CUBN	O60494	211	0.013	0.013	0.322	0.01 (-0.01, 0.04)	0.611	0.029	-0.060	0.025	0.015	-0.06 (-0.11, -0.01)	0.005	0.001	-0.023	0.021	0.259	-0.02 (-0.06, 0.02)	-0.036	0.023	0.117	-0.04 (-0.08, 0.01)
7054_87	CLEC2D	Q9UHP7	211	0.012	0.012	0.322	0.01 (-0.01, 0.03)	0.611	0.099	-0.051	0.024	0.037	-0.05 (-0.10, -3.35e-0	0.004	0.003	0.000	0.019	1.000	-4.03e-06 (-0.04, 0.	-0.012	0.024	0.619	-0.01 (-0.06, 0.04)
9185_15	TFF1	P04155	211	-0.014	0.014	0.322	-0.01 (-0.04, 0.01)	0.611	4.27E-04	0.017	0.028	0.545	0.02 (-0.04, 0.07)	-0.002	0.202	0.020	0.022	0.367	0.02 (-0.02, 0.06)	0.022	0.025	0.375	0.02 (-0.03, 0.07)
15375_49	CPB1	P15086	211	0.027	0.027	0.322	0.03 (-0.03, 0.08)	0.611	5.28E-102	0.051	0.054	0.350	0.05 (-0.06, 0.16)	-0.001	0.613	0.043	0.022	0.057	0.04 (-1.26e-03, 0.0	0.043	0.028	0.124	0.04 (-0.01, 0.10)
17789_1	QPRT	Q15274	211	0.012	0.012	0.322	0.01 (-0.01, 0.03)	0.611	0.054	-0.040	0.025	0.102	-0.04 (-0.09, 0.01)	0.003	0.015	-0.019	0.021	0.365	-0.02 (-0.06, 0.02)	-0.023	0.023	0.316	-0.02 (-0.07, 0.02)
4209_60	VTA1	Q9NP79	211	-0.012	0.012	0.323	-0.01 (-0.03, 0.01)	0.612	0.079	-0.044	0.025	0.079	-0.04 (-0.09, 4.84e-03	0.002	0.134	-0.056	0.021	0.007	-0.06 (-0.10, -0.02)	-0.057	0.024	0.018	-0.06 (-0.10, -0.01)
7916_10	S100A7	P31151	211	-0.022	0.023	0.323	-0.02 (-0.07, 0.02)	0.613	3.37E-70	-0.072	0.045	0.111	-0.07 (-0.16, 0.02)	0.003	0.203	-0.021	0.023	0.369	-0.02 (-0.07, 0.02)	-0.014	0.025	0.583	-0.01 (-0.06, 0.03)
17451_13	BCL2L11	O43521	211	0.012	0.013	0.323	0.01 (-0.01, 0.04)	0.613	0.031	-0.065	0.024	0.008	-0.07 (-0.11, -0.02)	0.005	2.63E-04	-0.008	0.019	0.665	-0.01 (-0.05, 0.03)	-0.022	0.023	0.341	-0.02 (-0.07, 0.02)
11292_13	SCARA3	Q6AZY7	211	0.012	0.012	0.324	0.01 (-0.01, 0.03)	0.613	0.069	-0.060	0.025	0.016	-0.06 (-0.11, -0.01)	0.004	0.001	-0.020	0.022	0.356	-0.02 (-0.06, 0.02)	-0.013	0.024	0.590	-0.01 (-0.06, 0.03)
11560_76	NFATC4	Q14934	211	0.012	0.012	0.324	0.01 (-0.01, 0.03)	0.613	0.249	-0.045	0.024	0.060	-0.05 (-0.09, 1.73e-03	0.004	0.007	-0.004	0.024	0.874	-3.77e-03 (-0.05, 0.	0.003	0.025	0.891	3.45e-03 (-0.05, 0.05)
13636_20	NAP1L1	P55209	211	-0.012	0.012	0.324	-0.01 (-0.04, 0.01)	0.613	0.064	-0.032	0.026	0.211	-0.03 (-0.08, 0.02)	0.001	0.361	-0.037	0.021	0.077	-0.04 (-0.08, 4.05e-	-0.061	0.027	0.024	-0.06 (-0.11, -0.01)
14099_20	PSMA4	P25789	211	0.011	0.012	0.324	0.01 (-0.01, 0.03)	0.613	0.075	-0.014	0.025	0.566	-0.01 (-0.06, 0.03)	0.002	0.230	-0.011	0.023	0.649	-0.01 (-0.06, 0.03)	-0.012	0.021	0.589	-0.01 (-0.05, 0.03)
8309_12	HYAL1	Q12794	211	0.012	0.012	0.324	0.01 (-0.01, 0.03)	0.613	0.647	0.005	0.023	0.821	0.01 (-0.04, 0.05)	0.000	0.752	0.012	0.025	0.633	0.01 (-0.04, 0.06)	0.013	0.025	0.610	0.01 (-0.04, 0.06)
11175_45	LPCAT2	Q7L5N7	211	0.013	0.013	0.325	0.01 (-0.01, 0.04)	0.613	0.014	-0.075	0.025	0.003	-0.07 (-0.12, -0.03)	0.005	5.98E-05	-0.025	0.021	0.228	-0.02 (-0.07, 0.02)	-0.032	0.026	0.212	-0.03 (-0.08, 0.02)
17829_2	TREX2	Q9BQ50	211	0.011	0.011	0.325	0.01 (-0.01, 0.03)	0.613	0.309	-0.013	0.023	0.577	-0.01 (-0.06, 0.03)	0.002	0.228	0.024	0.022	0.267	0.02 (-0.02, 0.07)	0.007	0.022	0.760	0.01 (-0.04, 0.05)
8008_28	HRK	O00198	211	0.012	0.012	0.325	0.01 (-0.01, 0.03)	0.613	0.383	-0.059	0.023	0.013	-0.06 (-0.10, -0.01)	0.004	0.001	-0.022	0.020	0.276	-0.02 (-0.06, 0.02)	-0.026	0.023	0.261	-0.03 (-0.07, 0.02)
17161_1	DDOST	P39656	211	-0.011	0.012	0.325	-0.01 (-0.03, 0.01)	0.613	0.415	-0.024	0.023	0.314	-0.02 (-0.07, 0.02)	0.001	0.549	-0.026	0.023	0.267	-0.03 (-0.07, 0.02)	-0.019	0.024	0.418	-0.02 (-0.07, 0.03)
17761_2	NUDT5	Q9UKK9	211	0.013	0.014	0.325	0.01 (-0.01, 0.04)	0.614	0.002	-0.012	0.027	0.654	-0.01 (-0.06, 0.04)	0.002	0.276	0.003	0.020	0.873	3.22e-03 (-0.04, 0.0	-0.003	0.023	0.890	-3.14e-03 (-0.05, 0.04)
4246_40	L1CAM	P32004	211	0.016	0.016	0.326	0.02 (-0.02, 0.05)	0.614	3.07E-10	0.091	0.032	0.005	0.09 (0.03, 0.15)	-0.005	0.007	0.020	0.021	0.335	0.02 (-0.02, 0.06)	0.042	0.026	0.104	0.04 (-0.01, 0.09)
5475_10	PRKCB	P05771	211	-0.013	0.013	0.326	-0.01 (-0.04, 0.01)	0.614	0.038	-0.033	0.026	0.208	-0.03 (-0.08, 0.02)	0.001	0.375	-0.049	0.021	0.018	-0.05 (-0.09, -0.01)	-0.063	0.026	0.018	-0.06 (-0.11, -0.01)
10075_75	ACBD6	Q9BR61	211	-0.012	0.012	0.327	-0.01 (-0.04, 0.01)	0.615	0.068	-0.052	0.026	0.043	-0.05 (-0.10, -1.86e-0	0.003	0.071	-0.062	0.022	0.005	-0.06 (-0.10, -0.02)	-0.061	0.025	0.015	-0.06 (-0.11, -0.01)
6545_58	PRNP	P04156	211	0.013	0.013	0.326	0.01 (-0.01, 0.04)	0.615	0.045	-0.053	0.025	0.033	-0.05 (-0.10, -4.50e-0	0.004	0.002	-0.013	0.022	0.539	-0.01 (-0.06, 0.03)	-0.017	0.023	0.465	-0.02 (-0.06, 0.03)
9606_4	NUP210L	Q5VU65	211	-0.012	0.012	0.327	-0.01 (-0.04, 0.01)	0.615	0.046	-0.045	0.025	0.070	-0.04 (-0.09, 3.37e-03	0.002	0.126	-0.030	0.024	0.218	-0.03 (-0.08, 0.02)	-0.027	0.025	0.291	-0.03 (-0.08, 0.02)
6366_38	TXNDC15	Q96J42	211	0.015	0.015	0.327	0.02 (-0.02, 0.05)	0.615	4.82E-08	0.030	0.030	0.319	0.03 (-0.03, 0.09)	-0.001	0.559	-0.032	0.021	0.143	-0.03 (-0.07, 0.01)	-0.033	0.027	0.215	-0.03 (-0.09, 0.02)
13076_4	FXR1	P51114	211	-0.012	0.012	0.328	-0.01 (-0.03, 0.01)	0.616	0.270	-0.044	0.024	0.072	-0.04 (-0.09, 3.60e-03	0.002	0.125	-0.049	0.020	0.016	-0.05 (-0.09, -0.01)	-0.058	0.024	0.017	-0.06 (-0.10, -0.01)
17202_37	PDCD4	Q53EL6	211	0.011	0.012	0.328	0.01 (-0.01, 0.03)	0.616	0.119	-0.022	0.024	0.353	-0.02 (-0.07, 0.02)	0.002	0.107	-0.017	0.022	0.450	-0.02 (-0.06, 0.03)	-0.019	0.023	0.401	-0.02 (-0.06, 0.03)
7104_71	CABP7	Q86V35	211	0.013	0.013	0.328	0.01 (-0.01, 0.04)	0.616	0.003	-0.034	0.026	0.203	-0.03 (-0.09, 0.02)	0.003	0.041	-0.013	0.023	0.589	-0.01 (-0.06, 0.03)	0.000	0.024	0.989	-3.37e-04 (-0.05, 0.05)
8351_17	PRSS57	Q6UWY2	211	-0.013	0.014	0.328	-0.01 (-0.04, 0.01)	0.616	0.036	-0.081	0.027	0.003	-0.08 (-0.13, -0.03)	0.004	0.004	-0.042	0.021	0.045	-0.04 (-0.08, -1.00e-	-0.074	0.024	0.002	-0.07 (-0.12, -0.03)
9487_60	GHRH	P01286	211	0.013	0.013	0.328	0.01 (-0.01, 0.04)	0.616	0.037	-0.052	0.025	0.041	-0.05 (-0.10, -2.44e-0	0.004	0.003	-0.005	0.021	0.805	-0.01 (-0.05, 0.04)	-0.006	0.022	0.790	-0.01 (-0.05, 0.04)
8229_1	GXYLT1	Q4G148	211	0.015	0.015	0.328	0.02 (-0.02, 0.05)	0.616	2.77E-10	-0.006	0.031	0.834	-0.01 (-0.07, 0.05)	0.001	0.417	0.004	0.025	0.860	4.47e-03 (-0.05, 0.0	0.000	0.023	0.992	-2.28e-04 (-0.05, 0.04)
14061_48	TNFSF11	O14788	211	0.011	0.012	0.329	0.01 (-0.01, 0.03)	0.618	0.360	-0.026	0.024	0.277	-0.03 (-0.07, 0.02)	0.002	0.069	-0.011	0.020	0.596	-0.01 (-0.05, 0.03)	-0.015	0.023	0.524	-0.01 (-0.06, 0.03)
17832_12	IDI2	Q9BXS1	211	0.011	0.012	0.329	0.01 (-0.01, 0.03)	0.618	0.051	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)	0.002	0.068	-0.015	0.024	0.530	-0.01 (-0.06, 0.03)	-0.016	0.023	0.503	-0.02 (-0.06, 0.03)
6517_14	GDF10	P55107	211	0.011	0.012	0.330	0.01 (-0.01, 0.03)	0.618	0.069	-0.032	0.025	0.197	-0.03 (-0.08, 0.02)	0.003	0.043	-0.013	0.022	0.551	-0.01 (-0.06, 0.03)	-0.004	0.024	0.877	-3.71e-03 (-0.05, 0.04)
10924_258	CYB5D2	Q8WUJ1	211	0.014	0.014	0.330	0.01 (-0.01, 0.04)	0.619	1.24E-06	-0.021	0.028	0.460	-0.02 (-0.08, 0.03)	0.002	0.154	-0.017	0.023	0.456	-0.02 (-0.06, 0.03)	-0.019	0.023	0.402	-0.02 (-0.06, 0.03)
6992_67	HBD	P02042	211	0.013	0.013	0.330	0.01 (-0.01, 0.04)	0.619	0.003	-0.065	0.026	0.013	-0.07 (-0.12, -0.01)	0.005	0.001	-0.002	0.022	0.931	-1.87e-03 (-0.04, 0.	-0.015	0.024	0.535	-0.02 (-0.06, 0.03)
7007_24	TRAPPC4	Q9Y296	211	0.013	0.013	0.330	0.01 (-0.01, 0.04)	0.619	0.008	-0.031	0.026	0.225	-0.03 (-0.08, 0.02)	0.003	0.049	-0.020	0.022	0.377	-0.02 (-0.06, 0.02)	-0.015	0.023	0.523	-0.01 (-0.06, 0.03)
8681_93	PGRMC2	O15173	211	0.013	0.013	0.330	0.01 (-0.01, 0.04)	0.619	0.008	-0.048	0.026	0.066	-0.05 (-0.10, 2.99e-03	0.004	0.007	-0.023	0.021	0.276	-0.02 (-0.06, 0.02)	-0.014	0.023	0.534	-0.01 (-0.06, 0.03)
11633_89	AHSA1	O95433	211	-0.012	0.012	0.331	-0.01 (-0.04, 0.01)	0.619	0.085	-0.047	0.025	0.062	-0.05 (-0.10, 2.19e-03	0.002	0.104	-0.047	0.023	0.038	-0.05 (-0.09, -2.67e-	-0.049	0.024	0.048	-0.05 (-0.10, -6.71e-04)
12652_37	AHCYL1	O43865	211	-0.012	0.012	0.331	-0.01 (-0.03, 0.01)	0.619	0.155	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)	0.001	0.322	-0.039	0.020	0.052	-0.04 (-0.08, 3.82e-	-0.046	0.024	0.061	-0.05 (-0.09, 1.82e-03)
2985_35	CXCL1	P09341	211	-0.013	0.014	0.331	-0.01 (-0.04, 0.01)	0.619	6.69E-05	-0.028	0.027	0.304	-0.03 (-0.08, 0.03)	0.001	0.532	-0.042	0.021	0.043	-0.04 (-0.08, -1.28e-	-0.044	0.023	0.055	-0.04 (-0.09, 7.54e-04)
6238_55	PSG8	Q9UQ74	211	0.011	0.012	0.331	0.01 (-0.01, 0.03)	0.619	0.360	-0.011	0.023	0.643	-0.01 (-0.06, 0.04)	0.001	0.275	-0.022	0.020	0.272	-0.02 (-0.06, 0.02)	-0.028	0.023	0.223	-0.03 (-0.07, 0.02)
11280_6	GAD1	Q99259	211	0.012	0.013	0.332	0.01 (-0.01, 0.04)	0.619	0.049	-0.045	0.025	0.073	-0.04 (-0.09, 3.89e-03	0.004	0.008	-0.012	0.024	0.622	-0.01 (-0.06, 0.03)	-0.022	0.022	0.316	-0.02 (-0.07, 0.02)
13578_98	ABLIM3	O94929	211	0.012	0.013	0.331	0.01 (-0.01, 0.04)	0.619	0.030	-0.009	0.025	0.719	-0.01 (-0.06, 0.04)	0.001	0.327	-0.028	0.021	0.189	-0.03 (-0.07, 0.01)	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)
7253_6	QKI	Q96PU8	211	0.011	0.012	0.331	0.01 (-0.01, 0.03)	0.619	0.291	-0.002	0.023	0.929	-2.08e-03 (-0.05, 0.04	0.001	0.513	-0.010	0.021	0.630	-0.01 (-0.05, 0.03)	-0.007	0.022	0.769	-0.01 (-0.05, 0.04)
6230_56	CER1	O95813	211	0.011	0.012	0.332	0.01 (-0.01, 0.03)	0.619	0.162	-0.032	0.024	0.182	-0.03 (-0.08, 0.01)	0.003	0.038	-0.005	0.024	0.839	-4.90e-03 (-0.05, 0.	-0.018	0.024	0.458	-0.02 (-0.06, 0.03)
2992_59	IL17RA	Q96F46	211	0.010	0.010	0.332	0.01 (-0.01, 0.03)	0.620	0.998	0.018	0.021	0.384	0.02 (-0.02, 0.06)	0.000	0.658	-0.010	0.018	0.582	-0.01 (-0.04, 0.03)	0.000	0.022	0.982	-4.99e-04 (-0.04, 0.04)
8237_56	SOSTDC1	Q6X4U4	211	0.011	0.012	0.332	0.01 (-0.01, 0.03)	0.620	0.649	-0.027	0.023	0.243	-0.03 (-0.07, 0.02)	0.002	0.056	-0.004	0.020	0.830	-4.22e-03 (-0.04, 0.	-0.011	0.023	0.634	-0.01 (-0.06, 0.03)
10049_112	TERF1	P54274	211	0.011	0.012	0.333	0.01 (-0.01, 0.03)	0.620	0.143	-0.043	0.024	0.074	-0.04 (-0.09, 3.89e-03	0.003	0.009	-0.008	0.020	0.693	-0.01 (-0.05, 0.03)	-0.015	0.022	0.488	-0.02 (-0.06, 0.03)
12603_87	PABPC4	Q13310	211	-0.012	0.012	0.333	-0.01 (-0.03, 0.01)	0.620	0.099	-0.051	0.025	0.041	-0.05 (-0.10, -2.39e-0	0.002	0.066	-0.050	0.021	0.019	-0.05 (-0.09, -0.01)	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)
13494_6	CERS5	Q8N5B7	211	0.011	0.012	0.333	0.01 (-0.01, 0.03)	0.620	0.060	-0.060	0.024	0.015	-0.06 (-0.11, -0.01)	0.004	0.001	-0.020	0.020	0.320	-0.02 (-0.06, 0.02)	-0.022	0.022	0.335	-0.02 (-0.07, 0.02)
9178_30	NRG1	Q02297	211	0.012	0.013	0.333	0.01 (-0.01, 0.04)	0.620	0.022	-0.020	0.025	0.428	-0.02 (-0.07, 0.03)	0.002	0.138	0.001	0.023	0.956	1.27e-03 (-0.04, 0.0	0.009	0.024	0.720	0.01 (-0.04, 0.06)
12688_115	RPS6KA6	Q9UK32	211	-0.012	0.013	0.333	-0.01 (-0.04, 0.01)	0.620	0.046	-0.035	0.025	0.171	-0.03 (-0.08, 0.01)	0.001	0.305	-0.033	0.023	0.146	-0.03 (-0.08, 0.01)	-0.025	0.025	0.326	-0.02 (-0.07, 0.02)
9887_40	RBBP6	Q7Z6E9	211	-0.011	0.012	0.333	-0.01 (-0.03, 0.01)	0.620	0.408	-0.050	0.024	0.035	-0.05 (-0.10, -3.82e-0	0.002	0.060	-0.036	0.024	0.130	-0.04 (-0.08, 0.01)	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)
17347_80	AIDA	Q96BJ3	211	-0.013	0.013	0.334	-0.01 (-0.04, 0.01)	0.621	0.033	-0.040	0.026	0.123	-0.04 (-0.09, 0.01)	0.002	0.221	-0.048	0.022	0.029	-0.05 (-0.09, -4.83e-	-0.037	0.022	0.098	-0.04 (-0.08, 0.01)
18193_165	MORF4L1	Q9UBU8	211	-0.012	0.013	0.334	-0.01 (-0.04, 0.01)	0.621	0.015	-0.051	0.026	0.047	-0.05 (-0.10, -1.02e-0	0.002	0.082	-0.054	0.021	0.009	-0.05 (-0.09, -0.01)	-0.050	0.023	0.034	-0.05 (-0.10, -4.16e-03)
14144_3	HIST3H2A	Q7L7L0	211	0.011	0.012	0.334	0.01 (-0.01, 0.03)	0.621	0.055	-0.063	0.025	0.011	-0.06 (-0.11, -0.01)	0.005	0.001	-0.010	0.019	0.611	-0.01 (-0.05, 0.03)	-0.028	0.027	0.301	-0.03 (-0.08, 0.03)
15583_18	FCRLB	Q6BAA4	211	0.011	0.012	0.334	0.01 (-0.01, 0.03)	0.621	0.430	-0.004	0.023	0.877	-3.58e-03 (-0.05, 0.04	0.001	0.455	0.001	0.024	0.972	8.45e-04 (-0.05, 0.0	-0.005	0.021	0.809	-0.01 (-0.05, 0.04)
18933_4	TGM4	P49221	211	0.011	0.012	0.334	0.01 (-0.01, 0.03)	0.621	0.121	-0.032	0.024	0.184	-0.03 (-0.08, 0.02)	0.003	0.038	-0.019	0.020	0.362	-0.02 (-0.06, 0.02)	-0.019	0.024	0.448	-0.02 (-0.07, 0.03)
9004_24	LDLRAD4	O15165	211	0.013	0.013	0.334	0.01 (-0.01, 0.04)	0.621	0.002	-0.032	0.026	0.222	-0.03 (-0.08, 0.02)	0.003	0.048	-0.007	0.019	0.712	-0.01 (-0.05, 0.03)	-0.023	0.026	0.366	-0.02 (-0.07, 0.03)
11657_86	SOCS7	O14512	211	0.011	0.012	0.335	0.01 (-0.01, 0.03)	0.622	0.164	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)	0.002	0.113	0.015	0.024	0.517	0.02 (-0.03, 0.06)	0.013	0.021	0.532	0.01 (-0.03, 0.05)
12382_2	DDX58	O95786	211	0.011	0.012	0.335	0.01 (-0.01, 0.03)	0.622	0.280	-0.033	0.024	0.168	-0.03 (-0.08, 0.01)	0.003	0.033	-0.012	0.020	0.545	-0.01 (-0.05, 0.03)	-0.018	0.025	0.466	-0.02 (-0.07, 0.03)
12507_16	ITPKC	Q96DU7	211	0.012	0.013	0.336	0.01 (-0.01, 0.04)	0.622	0.025	-0.049	0.025	0.052	-0.05 (-0.10, 1.96e-04	0.004	0.005	-0.018	0.021	0.402	-0.02 (-0.06, 0.02)	-0.026	0.025	0.295	-0.03 (-0.08, 0.02)
3078_1	PGF	P49763	211	0.011	0.012	0.336	0.01 (-0.01, 0.03)	0.622	0.286	-0.060	0.023	0.010	-0.06 (-0.11, -0.01)	0.005	4.33E-04	-0.002	0.019	0.909	-2.17e-03 (-0.04, 0.	-0.028	0.023	0.222	-0.03 (-0.07, 0.02)
5663_18	PF4V1	P10720	211	0.011	0.012	0.336	0.01 (-0.01, 0.03)	0.622	0.468	-0.018	0.024	0.451	-0.02 (-0.06, 0.03)	0.002	0.153	-0.008	0.024	0.739	-0.01 (-0.05, 0.04)	0.004	0.023	0.868	3.85e-03 (-0.04, 0.05)
5726_49	SPAG11A	Q6PDA7	211	0.012	0.013	0.336	0.01 (-0.01, 0.04)	0.622	0.025	-0.051	0.025	0.044	-0.05 (-0.10, -1.72e-0	0.004	0.004	0.004	0.020	0.846	3.94e-03 (-0.04, 0.0	0.002	0.024	0.933	2.01e-03 (-0.05, 0.05)
10866_60	SMEK1	Q6IN85	211	0.013	0.014	0.337	0.01 (-0.01, 0.04)	0.624	0.001	-0.064	0.027	0.019	-0.06 (-0.12, -0.01)	0.005	0.001	0.000	0.021	0.983	4.46e-04 (-0.04, 0.0	-0.027	0.027	0.301	-0.03 (-0.08, 0.02)
12449_16	PPIH	O43447	211	-0.012	0.013	0.337	-0.01 (-0.04, 0.01)	0.624	0.042	-0.038	0.025	0.139	-0.04 (-0.09, 0.01)	0.002	0.248	-0.048	0.022	0.031	-0.05 (-0.09, -4.37e-	-0.050	0.025	0.052	-0.05 (-0.10, 2.38e-04)
14226_120	BHMT2	Q9H2M3	211	0.012	0.013	0.337	0.01 (-0.01, 0.04)	0.624	0.029	-0.061	0.025	0.016	-0.06 (-0.11, -0.01)	0.005	0.001	-0.028	0.021	0.177	-0.03 (-0.07, 0.01)	-0.025	0.025	0.303	-0.03 (-0.07, 0.02)
12847_27	RNGTT	O60942	211	0.011	0.012	0.337	0.01 (-0.01, 0.03)	0.624	0.157	-0.053	0.024	0.027	-0.05 (-0.10, -0.01)	0.004	0.002	-0.008	0.022	0.711	-0.01 (-0.05, 0.03)	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)
15603_20	ITGA2	P17301	211	0.011	0.011	0.338	0.01 (-0.01, 0.03)	0.625	0.332	0.019	0.022	0.369	0.02 (-0.02, 0.06)	-0.001	0.634	0.000	0.022	0.983	4.88e-04 (-0.04, 0.0	-0.002	0.020	0.900	-2.47e-03 (-0.04, 0.04)
17341_89	ACAT2	Q9BWD1	211	0.013	0.014	0.338	0.01 (-0.01, 0.04)	0.625	0.002	-0.048	0.027	0.073	-0.05 (-0.10, 4.20e-03	0.004	0.009	-0.022	0.021	0.294	-0.02 (-0.06, 0.02)	-0.042	0.024	0.081	-0.04 (-0.09, 4.98e-03)
17165_1	PPBP	P02775	211	-0.014	0.014	0.339	-0.01 (-0.04, 0.01)	0.626	5.07E-05	-0.036	0.029	0.215	-0.04 (-0.09, 0.02)	0.001	0.378	-0.038	0.023	0.099	-0.04 (-0.08, 0.01)	-0.030	0.023	0.192	-0.03 (-0.08, 0.02)
11557_3	SMURF1	Q9HCE7	211	0.011	0.012	0.339	0.01 (-0.01, 0.03)	0.626	0.248	-0.057	0.024	0.017	-0.06 (-0.10, -0.01)	0.004	0.001	-0.011	0.019	0.557	-0.01 (-0.05, 0.03)	-0.025	0.022	0.265	-0.02 (-0.07, 0.02)
14260_112	NET1	Q7Z628	211	0.012	0.013	0.339	0.01 (-0.01, 0.04)	0.627	0.049	-0.038	0.025	0.133	-0.04 (-0.09, 0.01)	0.003	0.022	-0.013	0.022	0.560	-0.01 (-0.06, 0.03)	-0.014	0.024	0.564	-0.01 (-0.06, 0.03)
17821_20	NMT2	O60551	211	-0.011	0.012	0.340	-0.01 (-0.03, 0.01)	0.627	0.078	-0.049	0.025	0.049	-0.05 (-0.10, -4.02e-0	0.002	0.079	-0.047	0.021	0.023	-0.05 (-0.09, -0.01)	-0.060	0.025	0.019	-0.06 (-0.11, -0.01)
18328_36	PYCR2	Q96C36	211	0.013	0.013	0.340	0.01 (-0.01, 0.04)	0.627	0.006	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.005	0.001	-0.022	0.023	0.344	-0.02 (-0.07, 0.02)	-0.012	0.023	0.606	-0.01 (-0.06, 0.03)
9117_4	IL36G	Q9NZH8	211	0.011	0.011	0.340	0.01 (-0.01, 0.03)	0.627	0.075	-0.051	0.024	0.035	-0.05 (-0.10, -3.82e-0	0.004	0.003	-0.020	0.023	0.383	-0.02 (-0.07, 0.03)	-0.032	0.023	0.161	-0.03 (-0.08, 0.01)
12439_67	IRF9	Q00978	211	0.011	0.012	0.340	0.01 (-0.01, 0.03)	0.627	0.053	-0.028	0.025	0.269	-0.03 (-0.08, 0.02)	0.002	0.073	-0.017	0.021	0.414	-0.02 (-0.06, 0.02)	-0.014	0.023	0.563	-0.01 (-0.06, 0.03)
10705_14	ST6GALNA	Q8NDV1	211	0.011	0.012	0.341	0.01 (-0.01, 0.03)	0.628	0.158	-0.011	0.024	0.648	-0.01 (-0.06, 0.04)	0.001	0.290	-0.008	0.024	0.746	-0.01 (-0.05, 0.04)	-0.005	0.024	0.849	-4.53e-03 (-0.05, 0.04)
9312_8	AZGP1	P25311	211	-0.013	0.014	0.341	-0.01 (-0.04, 0.01)	0.628	0.001	-0.017	0.028	0.550	-0.02 (-0.07, 0.04)	0.000	0.889	0.010	0.023	0.665	0.01 (-0.03, 0.05)	-0.001	0.026	0.956	-1.40e-03 (-0.05, 0.05)
12768_3	PPP1R3B	Q86XI6	211	0.011	0.012	0.341	0.01 (-0.01, 0.03)	0.628	0.514	0.010	0.023	0.659	0.01 (-0.03, 0.06)	0.000	0.965	0.009	0.024	0.706	0.01 (-0.04, 0.06)	0.008	0.022	0.729	0.01 (-0.04, 0.05)
14334_3	RCVRN	P35243	211	0.011	0.012	0.342	0.01 (-0.01, 0.03)	0.629	0.261	-0.038	0.024	0.108	-0.04 (-0.08, 0.01)	0.003	0.016	-0.004	0.022	0.843	-4.31e-03 (-0.05, 0.	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)
10056_5	FOXM1	Q08050	211	-0.011	0.012	0.342	-0.01 (-0.03, 0.01)	0.629	0.064	-0.037	0.025	0.142	-0.04 (-0.09, 0.01)	0.002	0.235	-0.055	0.021	0.009	-0.05 (-0.10, -0.01)	-0.048	0.025	0.055	-0.05 (-0.10, 6.96e-04)
12878_60	OSBPL11	Q9BXB4	211	0.012	0.013	0.343	0.01 (-0.01, 0.04)	0.632	0.009	-0.041	0.025	0.105	-0.04 (-0.09, 0.01)	0.003	0.015	-0.011	0.024	0.637	-0.01 (-0.06, 0.04)	-0.008	0.023	0.713	-0.01 (-0.05, 0.04)
7258_5	PRG2	P13727	211	0.012	0.013	0.343	0.01 (-0.01, 0.04)	0.632	0.026	0.015	0.025	0.549	0.02 (-0.03, 0.07)	0.000	0.887	-0.015	0.023	0.530	-0.01 (-0.06, 0.03)	0.002	0.025	0.946	1.66e-03 (-0.05, 0.05)
11130_158	CACNB4	O00305	211	-0.011	0.012	0.344	-0.01 (-0.03, 0.01)	0.632	0.104	-0.034	0.025	0.185	-0.03 (-0.08, 0.02)	0.001	0.310	-0.049	0.021	0.017	-0.05 (-0.09, -0.01)	-0.054	0.024	0.026	-0.05 (-0.10, -0.01)
10364_6	SMAD2	Q15796	211	-0.013	0.013	0.344	-0.01 (-0.04, 0.01)	0.633	0.024	-0.033	0.026	0.203	-0.03 (-0.08, 0.02)	0.001	0.356	-0.056	0.021	0.006	-0.06 (-0.10, -0.02)	-0.057	0.025	0.026	-0.06 (-0.11, -0.01)
11338_49	BLK	P51451	211	0.011	0.012	0.344	0.01 (-0.01, 0.03)	0.633	0.059	-0.037	0.025	0.136	-0.04 (-0.09, 0.01)	0.003	0.026	-0.018	0.024	0.452	-0.02 (-0.06, 0.03)	-0.020	0.025	0.424	-0.02 (-0.07, 0.03)
4910_21	PLA2G1B	P04054	211	0.014	0.015	0.345	0.01 (-0.02, 0.04)	0.634	4.00E-08	0.050	0.030	0.090	0.05 (-0.01, 0.11)	-0.002	0.158	0.045	0.020	0.024	0.05 (0.01, 0.08)	0.048	0.024	0.044	0.05 (1.66e-03, 0.10)
7143_9	GCNT2	Q8NFS9	211	0.011	0.012	0.346	0.01 (-0.01, 0.03)	0.635	0.316	-0.019	0.024	0.411	-0.02 (-0.07, 0.03)	0.002	0.136	-0.011	0.023	0.626	-0.01 (-0.06, 0.03)	-0.015	0.023	0.493	-0.02 (-0.06, 0.03)
10563_13	LYSMD3	Q7Z3D4	211	0.011	0.012	0.346	0.01 (-0.01, 0.03)	0.635	0.068	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)	0.004	0.002	-0.018	0.022	0.405	-0.02 (-0.06, 0.02)	-0.014	0.022	0.536	-0.01 (-0.06, 0.03)
5032_64	SSRP1	Q08945	211	0.011	0.012	0.346	0.01 (-0.01, 0.03)	0.635	0.434	-0.037	0.023	0.112	-0.04 (-0.08, 0.01)	0.003	0.017	0.009	0.020	0.635	0.01 (-0.03, 0.05)	-0.003	0.023	0.882	-3.44e-03 (-0.05, 0.04)
9762_14	VASP	P50552	211	-0.012	0.013	0.346	-0.01 (-0.04, 0.01)	0.635	0.029	-0.036	0.026	0.165	-0.04 (-0.09, 0.01)	0.001	0.289	-0.047	0.021	0.025	-0.05 (-0.09, -0.01)	-0.049	0.027	0.069	-0.05 (-0.10, 3.57e-03)
5885_55	EIF4H	Q15056	211	-0.011	0.012	0.346	-0.01 (-0.03, 0.01)	0.635	0.140	-0.035	0.025	0.159	-0.04 (-0.08, 0.01)	0.001	0.266	-0.042	0.022	0.057	-0.04 (-0.09, 1.32e-	-0.028	0.025	0.268	-0.03 (-0.08, 0.02)
7864_3	SIGLEC8	Q9NYZ4	211	0.011	0.012	0.347	0.01 (-0.01, 0.03)	0.635	0.066	-0.067	0.024	0.007	-0.07 (-0.11, -0.02)	0.005	2.72E-04	-0.020	0.021	0.341	-0.02 (-0.06, 0.02)	-0.029	0.024	0.230	-0.03 (-0.08, 0.02)
19558_10	LRP4	O75096	211	0.013	0.013	0.347	0.01 (-0.01, 0.04)	0.635	0.015	0.020	0.027	0.446	0.02 (-0.03, 0.07)	0.000	0.737	0.014	0.026	0.605	0.01 (-0.04, 0.07)	0.001	0.025	0.976	7.46e-04 (-0.05, 0.05)
12366_16	CRYGD	P07320	211	0.011	0.012	0.347	0.01 (-0.01, 0.03)	0.636	0.140	-0.036	0.024	0.141	-0.04 (-0.08, 0.01)	0.003	0.026	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)	-0.002	0.024	0.947	-1.59e-03 (-0.05, 0.05)
12681_63	USP21	Q9UK80	211	0.012	0.013	0.347	0.01 (-0.01, 0.04)	0.636	0.023	-0.040	0.025	0.113	-0.04 (-0.09, 0.01)	0.003	0.017	-0.018	0.022	0.427	-0.02 (-0.06, 0.03)	-0.017	0.023	0.468	-0.02 (-0.06, 0.03)
5100_53	SCARB2	Q14108	211	0.011	0.012	0.348	0.01 (-0.01, 0.03)	0.637	0.166	-0.043	0.024	0.069	-0.04 (-0.09, 3.20e-03	0.003	0.009	-0.012	0.019	0.532	-0.01 (-0.05, 0.03)	-0.030	0.023	0.193	-0.03 (-0.07, 0.01)
11171_25	FLNA	P21333	211	-0.011	0.012	0.348	-0.01 (-0.03, 0.01)	0.637	0.097	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)	0.001	0.378	-0.046	0.021	0.033	-0.05 (-0.09, -3.73e-	-0.044	0.025	0.085	-0.04 (-0.09, 0.01)
11421_10	EHD4	Q9H223	211	-0.011	0.012	0.349	-0.01 (-0.03, 0.01)	0.637	0.081	-0.025	0.026	0.339	-0.02 (-0.07, 0.03)	0.001	0.550	-0.037	0.023	0.104	-0.04 (-0.08, 0.01)	-0.032	0.024	0.185	-0.03 (-0.08, 0.02)
10539_30	CD99L2	Q8TCZ2	211	0.011	0.012	0.349	0.01 (-0.01, 0.03)	0.637	0.081	-0.049	0.024	0.045	-0.05 (-0.10, -1.43e-0	0.004	0.005	-0.026	0.020	0.190	-0.03 (-0.07, 0.01)	-0.021	0.022	0.345	-0.02 (-0.06, 0.02)
17777_31	SDSL	Q96GA7	211	0.011	0.012	0.349	0.01 (-0.01, 0.03)	0.637	0.228	-0.036	0.024	0.128	-0.04 (-0.08, 0.01)	0.003	0.022	-0.018	0.023	0.423	-0.02 (-0.06, 0.03)	-0.017	0.023	0.447	-0.02 (-0.06, 0.03)
11120_49	NAT14	Q8WUY8	211	0.011	0.012	0.349	0.01 (-0.01, 0.03)	0.638	0.106	-0.047	0.024	0.053	-0.05 (-0.09, 2.95e-04	0.004	0.006	-0.027	0.023	0.244	-0.03 (-0.07, 0.02)	-0.027	0.023	0.235	-0.03 (-0.07, 0.02)
7923_41	SEMA4C	Q9C0C4	211	0.012	0.013	0.349	0.01 (-0.01, 0.04)	0.638	0.032	0.028	0.026	0.275	0.03 (-0.02, 0.08)	-0.001	0.470	0.008	0.024	0.748	0.01 (-0.04, 0.05)	0.019	0.024	0.436	0.02 (-0.03, 0.07)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
13497_34	EIF3J	O75822	211	-0.011	0.012	0.350	-0.01 (-0.04, 0.01)	0.638	0.157	-0.037	0.025	0.147	-0.04 (-0.09, 0.01)	0.002	0.246	-0.044	0.021	0.032	-0.04 (-0.09, -3.82e-	-0.052	0.028	0.072	-0.05 (-0.11, 4.25e-03)
4544_4	PPBP	P02775	211	-0.014	0.015	0.350	-0.01 (-0.04, 0.01)	0.638	1.77E-05	-0.040	0.029	0.167	-0.04 (-0.10, 0.02)	0.002	0.290	-0.035	0.023	0.138	-0.03 (-0.08, 0.01)	-0.032	0.025	0.193	-0.03 (-0.08, 0.02)
17152_10	KIR2DS4	P43632	211	0.011	0.012	0.350	0.01 (-0.01, 0.03)	0.638	0.174	-0.053	0.024	0.027	-0.05 (-0.10, -0.01)	0.004	0.002	-0.009	0.020	0.654	-0.01 (-0.05, 0.03)	-0.018	0.023	0.436	-0.02 (-0.06, 0.03)
18926_7	PSMA3	P25788	211	0.011	0.012	0.350	0.01 (-0.01, 0.03)	0.638	0.297	-0.032	0.024	0.182	-0.03 (-0.08, 0.01)	0.003	0.038	0.003	0.025	0.905	2.97e-03 (-0.05, 0.0	-0.013	0.023	0.579	-0.01 (-0.06, 0.03)
14107_1	MTHFS	P49914	211	-0.011	0.012	0.351	-0.01 (-0.03, 0.01)	0.639	0.185	-0.022	0.025	0.367	-0.02 (-0.07, 0.03)	0.001	0.599	-0.031	0.024	0.204	-0.03 (-0.08, 0.02)	-0.043	0.025	0.084	-0.04 (-0.09, 0.01)
17822_57	RERG	Q96A58	211	0.012	0.013	0.351	0.01 (-0.01, 0.04)	0.639	0.046	-0.053	0.025	0.034	-0.05 (-0.10, -4.46e-0	0.004	0.003	0.005	0.020	0.800	0.01 (-0.03, 0.04)	0.000	0.023	0.987	-3.73e-04 (-0.05, 0.04)
8659_68	G6B	O95866	211	0.011	0.012	0.351	0.01 (-0.01, 0.03)	0.639	0.151	-0.038	0.024	0.114	-0.04 (-0.09, 0.01)	0.003	0.019	-0.005	0.025	0.830	-0.01 (-0.05, 0.04)	0.005	0.024	0.842	4.78e-03 (-0.04, 0.05)
3055_54	IL4R	P24394	211	0.011	0.011	0.351	0.01 (-0.01, 0.03)	0.639	0.119	-0.004	0.024	0.883	-3.55e-03 (-0.05, 0.04	0.001	0.493	-0.008	0.024	0.730	-0.01 (-0.05, 0.04)	0.004	0.023	0.848	4.48e-03 (-0.04, 0.05)
4163_5	H2AFZ	P0C0S5	211	0.011	0.012	0.351	0.01 (-0.01, 0.03)	0.639	0.321	-0.044	0.023	0.059	-0.04 (-0.09, 1.35e-03	0.003	0.007	-0.020	0.020	0.321	-0.02 (-0.06, 0.02)	-0.017	0.024	0.492	-0.02 (-0.06, 0.03)
3868_8	SGTA	O43765	211	-0.012	0.013	0.351	-0.01 (-0.04, 0.01)	0.639	0.030	-0.031	0.026	0.236	-0.03 (-0.08, 0.02)	0.001	0.407	-0.049	0.022	0.026	-0.05 (-0.09, -0.01)	-0.050	0.024	0.037	-0.05 (-0.10, -3.45e-03)
12001_7	TJP1	Q07157	211	-0.011	0.012	0.352	-0.01 (-0.03, 0.01)	0.639	0.429	-0.072	0.023	0.002	-0.07 (-0.12, -0.03)	0.004	0.003	-0.034	0.021	0.105	-0.03 (-0.08, 0.01)	-0.035	0.026	0.173	-0.04 (-0.09, 0.02)
17854_33	NAA10	P41227	211	-0.011	0.012	0.352	-0.01 (-0.03, 0.01)	0.639	0.065	-0.045	0.025	0.078	-0.05 (-0.10, 4.88e-03	0.002	0.125	-0.050	0.022	0.025	-0.05 (-0.09, -0.01)	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)
5606_24	MFAP1	P55081	211	0.011	0.012	0.352	0.01 (-0.01, 0.03)	0.639	0.158	-0.030	0.024	0.207	-0.03 (-0.08, 0.02)	0.003	0.048	-0.019	0.021	0.356	-0.02 (-0.06, 0.02)	-0.021	0.023	0.351	-0.02 (-0.07, 0.02)
8589_13	CDCP1	Q9H5V8	211	0.012	0.013	0.352	0.01 (-0.01, 0.04)	0.639	0.007	-0.035	0.026	0.178	-0.03 (-0.09, 0.02)	0.003	0.035	-0.009	0.024	0.706	-0.01 (-0.06, 0.04)	-0.009	0.024	0.727	-0.01 (-0.06, 0.04)
14689_3	SEC13	P55735	211	0.014	0.015	0.352	0.01 (-0.02, 0.04)	0.639	7.66E-09	-0.037	0.030	0.215	-0.04 (-0.10, 0.02)	0.003	0.048	0.000	0.023	1.000	0.00e+00 (-0.05, 0.	0.005	0.023	0.845	4.54e-03 (-0.04, 0.05)
19369_17	KAT2A	Q92830	211	0.011	0.012	0.352	0.01 (-0.01, 0.03)	0.639	0.095	0.005	0.025	0.836	0.01 (-0.04, 0.05)	0.000	0.793	0.002	0.025	0.941	1.83e-03 (-0.05, 0.0	-0.007	0.025	0.788	-0.01 (-0.06, 0.04)
9302_90	GADD45GI	Q8TAE8	211	0.011	0.012	0.352	0.01 (-0.01, 0.03)	0.639	0.145	-0.055	0.024	0.023	-0.05 (-0.10, -0.01)	0.004	0.002	-0.023	0.020	0.237	-0.02 (-0.06, 0.02)	-0.016	0.023	0.481	-0.02 (-0.06, 0.03)
10847_1	SIGLEC15	Q6ZMC9	211	0.012	0.013	0.353	0.01 (-0.01, 0.04)	0.639	0.031	-0.049	0.025	0.054	-0.05 (-0.10, 6.33e-04	0.004	0.006	-0.011	0.022	0.634	-0.01 (-0.05, 0.03)	-0.012	0.023	0.608	-0.01 (-0.06, 0.03)
15417_3	SERPINB5	P36952	211	-0.012	0.013	0.353	-0.01 (-0.04, 0.01)	0.639	0.002	-0.047	0.027	0.081	-0.05 (-0.10, 0.01)	0.002	0.139	-0.047	0.022	0.032	-0.05 (-0.09, -4.02e-	-0.035	0.024	0.143	-0.03 (-0.08, 0.01)
19325_21	ABHD14B	Q96IU4	211	0.011	0.012	0.353	0.01 (-0.01, 0.03)	0.639	0.839	0.002	0.023	0.916	2.41e-03 (-0.04, 0.05)	0.001	0.677	0.006	0.023	0.794	0.01 (-0.04, 0.05)	-0.011	0.023	0.620	-0.01 (-0.06, 0.03)
14149_9	IL36B	Q9NZH7	211	0.011	0.012	0.353	0.01 (-0.01, 0.03)	0.640	0.436	-0.049	0.024	0.039	-0.05 (-0.10, -2.68e-0	0.004	0.004	-0.007	0.020	0.734	-0.01 (-0.05, 0.03)	-0.020	0.023	0.375	-0.02 (-0.07, 0.02)
13711_10	CLTC	Q00610	211	0.011	0.012	0.354	0.01 (-0.01, 0.03)	0.640	0.560	-0.043	0.023	0.066	-0.04 (-0.09, 2.56e-03	0.003	0.008	-0.010	0.020	0.619	-0.01 (-0.05, 0.03)	-0.020	0.023	0.384	-0.02 (-0.06, 0.02)
10418_36	STX12	Q86Y82	211	0.011	0.012	0.355	0.01 (-0.01, 0.03)	0.640	0.068	-0.039	0.024	0.116	-0.04 (-0.09, 0.01)	0.003	0.020	-0.017	0.020	0.400	-0.02 (-0.06, 0.02)	-0.025	0.024	0.309	-0.02 (-0.07, 0.02)
18385_4	PSMD10	O75832	211	-0.012	0.013	0.354	-0.01 (-0.04, 0.01)	0.640	0.010	-0.060	0.026	0.022	-0.06 (-0.11, -0.01)	0.003	0.034	-0.037	0.022	0.094	-0.04 (-0.08, 0.01)	-0.026	0.024	0.282	-0.03 (-0.07, 0.02)
19154_41	SERPINE2	P07093	211	-0.013	0.014	0.354	-0.01 (-0.04, 0.01)	0.640	0.003	-0.060	0.027	0.029	-0.06 (-0.11, -0.01)	0.003	0.046	-0.052	0.023	0.022	-0.05 (-0.10, -0.01)	-0.048	0.024	0.046	-0.05 (-0.09, -1.03e-03)
3452_17	LCK	P06239	211	0.011	0.012	0.354	0.01 (-0.01, 0.03)	0.640	0.226	-0.030	0.024	0.205	-0.03 (-0.08, 0.02)	0.003	0.047	0.006	0.020	0.754	0.01 (-0.03, 0.04)	-0.003	0.022	0.898	-2.79e-03 (-0.05, 0.04)
4148_49	PAPPA	Q13219	211	-0.016	0.017	0.354	-0.02 (-0.05, 0.02)	0.640	6.85E-14	0.016	0.034	0.641	0.02 (-0.05, 0.08)	-0.002	0.281	-0.022	0.025	0.391	-0.02 (-0.07, 0.03)	0.000	0.027	0.993	2.27e-04 (-0.05, 0.05)
8258_22	UXS1	Q8NBZ7	211	0.013	0.014	0.354	0.01 (-0.01, 0.04)	0.640	2.39E-04	-0.055	0.028	0.046	-0.06 (-0.11, -1.32e-0	0.004	0.004	-0.007	0.020	0.749	-0.01 (-0.05, 0.03)	-0.030	0.027	0.273	-0.03 (-0.08, 0.02)
9495_10	CXCL17	Q6UXB2	211	0.012	0.013	0.354	0.01 (-0.01, 0.04)	0.640	0.047	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)	0.004	0.001	-0.020	0.023	0.379	-0.02 (-0.06, 0.02)	-0.018	0.025	0.460	-0.02 (-0.07, 0.03)
4712_28	APOD	P05090	211	0.013	0.014	0.355	0.01 (-0.01, 0.04)	0.641	1.75E-04	-0.055	0.027	0.048	-0.05 (-0.11, -8.95e-0	0.004	0.005	-0.004	0.022	0.846	-4.37e-03 (-0.05, 0.	-0.003	0.024	0.907	-2.78e-03 (-0.05, 0.04)
9297_12	B3GNT8	Q7Z7M8	211	0.011	0.012	0.355	0.01 (-0.01, 0.04)	0.641	0.027	0.023	0.025	0.347	0.02 (-0.03, 0.07)	-0.001	0.579	0.013	0.021	0.523	0.01 (-0.03, 0.05)	0.029	0.025	0.245	0.03 (-0.02, 0.08)
8601_167	LRP1	Q07954	211	0.011	0.012	0.355	0.01 (-0.01, 0.03)	0.641	0.572	-0.016	0.023	0.481	-0.02 (-0.06, 0.03)	0.002	0.176	-0.026	0.022	0.234	-0.03 (-0.07, 0.02)	-0.018	0.023	0.434	-0.02 (-0.06, 0.03)
13133_73	LTBP4	Q8N2S1	211	-0.014	0.015	0.356	-0.01 (-0.04, 0.02)	0.642	9.20E-06	0.028	0.030	0.346	0.03 (-0.03, 0.09)	-0.003	0.104	-0.014	0.027	0.610	-0.01 (-0.07, 0.04)	-0.010	0.028	0.708	-0.01 (-0.07, 0.04)
19111_10	UBE2M	P61081	211	0.012	0.013	0.356	0.01 (-0.01, 0.04)	0.642	0.030	0.001	0.026	0.976	7.64e-04 (-0.05, 0.05)	0.001	0.617	0.015	0.024	0.530	0.02 (-0.03, 0.06)	-0.001	0.023	0.975	-7.19e-04 (-0.05, 0.04)
3471_49	STK16	O75716	211	0.012	0.013	0.356	0.01 (-0.01, 0.04)	0.642	0.009	-0.062	0.026	0.017	-0.06 (-0.11, -0.01)	0.005	0.001	0.007	0.022	0.751	0.01 (-0.04, 0.05)	-0.006	0.023	0.806	-0.01 (-0.05, 0.04)
5441_67	TNNI3	P19429	211	0.011	0.012	0.356	0.01 (-0.01, 0.03)	0.642	0.118	-0.024	0.024	0.317	-0.02 (-0.07, 0.02)	0.002	0.097	-0.019	0.021	0.379	-0.02 (-0.06, 0.02)	-0.029	0.024	0.234	-0.03 (-0.08, 0.02)
3040_59	CCL3	P10147	211	0.013	0.014	0.357	0.01 (-0.01, 0.04)	0.642	7.92E-05	-0.040	0.028	0.153	-0.04 (-0.10, 0.01)	0.003	0.029	-0.011	0.020	0.579	-0.01 (-0.05, 0.03)	-0.044	0.026	0.097	-0.04 (-0.09, 0.01)
9532_5	WBP1L	Q9NX94	211	0.011	0.012	0.357	0.01 (-0.01, 0.03)	0.642	0.280	-0.021	0.024	0.365	-0.02 (-0.07, 0.02)	0.002	0.116	-0.015	0.020	0.441	-0.02 (-0.05, 0.02)	-0.040	0.027	0.143	-0.04 (-0.09, 0.01)
4297_62	SPON1	Q9HCB6	211	0.011	0.012	0.357	0.01 (-0.01, 0.04)	0.642	0.061	0.028	0.026	0.277	0.03 (-0.02, 0.08)	-0.001	0.447	0.021	0.026	0.431	0.02 (-0.03, 0.07)	0.024	0.026	0.366	0.02 (-0.03, 0.08)
13605_16	ANXA10	Q9UJ72	211	0.012	0.013	0.357	0.01 (-0.01, 0.04)	0.642	0.046	-0.051	0.025	0.042	-0.05 (-0.10, -2.12e-0	0.004	0.004	-0.016	0.020	0.438	-0.02 (-0.06, 0.02)	-0.013	0.023	0.583	-0.01 (-0.06, 0.03)
16856_79	MAPRE2	Q15555	211	-0.012	0.013	0.357	-0.01 (-0.04, 0.01)	0.642	0.033	-0.027	0.026	0.294	-0.03 (-0.08, 0.02)	0.001	0.496	-0.044	0.022	0.041	-0.04 (-0.09, -1.90e-	-0.043	0.024	0.078	-0.04 (-0.09, 4.60e-03)
19496_1	NPL	Q9BXD5	211	-0.012	0.013	0.357	-0.01 (-0.04, 0.01)	0.642	0.014	-0.044	0.026	0.097	-0.04 (-0.09, 0.01)	0.002	0.165	-0.040	0.021	0.054	-0.04 (-0.08, 6.89e-	-0.045	0.024	0.066	-0.05 (-0.09, 2.69e-03)
4394_71	FGF8	P55075	211	-0.011	0.012	0.358	-0.01 (-0.03, 0.01)	0.642	0.055	-0.041	0.025	0.106	-0.04 (-0.09, 0.01)	0.002	0.168	-0.031	0.019	0.113	-0.03 (-0.07, 0.01)	-0.038	0.023	0.107	-0.04 (-0.08, 0.01)
8785_1	ARMC5	Q96C12	211	0.011	0.012	0.358	0.01 (-0.01, 0.03)	0.642	0.126	-0.054	0.024	0.028	-0.05 (-0.10, -0.01)	0.004	0.002	-0.004	0.023	0.859	-4.04e-03 (-0.05, 0.	0.003	0.022	0.909	2.56e-03 (-0.04, 0.05)
3495_15	CXCL6	P80162	211	0.012	0.013	0.358	0.01 (-0.01, 0.04)	0.643	0.039	0.000	0.025	0.996	-1.25e-04 (-0.05, 0.05	0.001	0.588	-0.009	0.021	0.686	-0.01 (-0.05, 0.03)	0.002	0.025	0.939	1.90e-03 (-0.05, 0.05)
12423_38	A1CF	Q9NQ94	211	0.011	0.012	0.358	0.01 (-0.01, 0.03)	0.643	0.927	-0.027	0.023	0.245	-0.03 (-0.07, 0.02)	0.002	0.061	-0.018	0.020	0.382	-0.02 (-0.06, 0.02)	-0.015	0.024	0.541	-0.01 (-0.06, 0.03)
12357_41	SNAP29	O95721	211	-0.011	0.012	0.360	-0.01 (-0.03, 0.01)	0.646	0.365	-0.046	0.023	0.048	-0.05 (-0.09, -6.99e-0	0.002	0.077	-0.044	0.021	0.041	-0.04 (-0.09, -1.83e-	-0.042	0.024	0.085	-0.04 (-0.09, 0.01)
17683_2	COMMD9	Q9P000	211	-0.011	0.012	0.360	-0.01 (-0.03, 0.01)	0.646	0.070	-0.048	0.025	0.056	-0.05 (-0.10, 8.91e-04	0.002	0.086	-0.027	0.020	0.184	-0.03 (-0.07, 0.01)	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)
8298_8	SSMEM1	Q8WWF3	211	-0.012	0.014	0.360	-0.01 (-0.04, 0.01)	0.646	0.003	-0.026	0.027	0.334	-0.03 (-0.08, 0.03)	0.001	0.558	-0.059	0.021	0.005	-0.06 (-0.10, -0.02)	-0.056	0.024	0.023	-0.06 (-0.10, -0.01)
11476_43	VPS4A	Q9UN37	211	-0.011	0.012	0.361	-0.01 (-0.03, 0.01)	0.646	0.078	-0.039	0.025	0.125	-0.04 (-0.09, 0.01)	0.002	0.201	-0.054	0.021	0.008	-0.05 (-0.09, -0.01)	-0.065	0.025	0.008	-0.07 (-0.11, -0.02)
11591_43	PRC1	O43663	211	0.011	0.012	0.361	0.01 (-0.01, 0.03)	0.646	0.062	-0.050	0.024	0.042	-0.05 (-0.10, -2.15e-0	0.004	0.004	-0.010	0.020	0.613	-0.01 (-0.05, 0.03)	-0.027	0.024	0.265	-0.03 (-0.07, 0.02)
12425_104	ARF6	P62330	211	-0.011	0.012	0.361	-0.01 (-0.03, 0.01)	0.646	0.152	-0.044	0.024	0.070	-0.04 (-0.09, 3.28e-03	0.002	0.111	-0.025	0.023	0.284	-0.02 (-0.07, 0.02)	-0.026	0.022	0.242	-0.03 (-0.07, 0.02)
18410_26	ARL14	Q8N4G2	211	-0.012	0.013	0.361	-0.01 (-0.04, 0.01)	0.646	0.034	-0.071	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.006	-0.017	0.024	0.479	-0.02 (-0.06, 0.03)	-0.007	0.025	0.774	-0.01 (-0.06, 0.04)
5638_23	COLGALT1	Q8NBJ5	211	0.012	0.013	0.361	0.01 (-0.01, 0.04)	0.646	0.017	-0.017	0.026	0.520	-0.02 (-0.07, 0.03)	0.002	0.202	-0.020	0.022	0.360	-0.02 (-0.06, 0.02)	-0.019	0.027	0.489	-0.02 (-0.07, 0.03)
9474_22	ASGR2	P07307	211	0.012	0.013	0.361	0.01 (-0.01, 0.04)	0.646	0.031	-0.019	0.025	0.440	-0.02 (-0.07, 0.03)	0.002	0.154	-0.011	0.023	0.632	-0.01 (-0.06, 0.03)	-0.009	0.023	0.714	-0.01 (-0.05, 0.04)
10748_216	PCDHB2	Q9Y5E7	211	0.011	0.012	0.361	0.01 (-0.01, 0.04)	0.646	0.048	-0.036	0.025	0.150	-0.04 (-0.08, 0.01)	0.003	0.028	-0.016	0.021	0.448	-0.02 (-0.06, 0.03)	-0.022	0.024	0.347	-0.02 (-0.07, 0.02)
15394_79	UNC5B	Q8IZJ1	211	0.013	0.014	0.362	0.01 (-0.01, 0.04)	0.647	0.002	0.009	0.027	0.736	0.01 (-0.04, 0.06)	0.000	0.889	-0.013	0.024	0.587	-0.01 (-0.06, 0.03)	-0.012	0.026	0.646	-0.01 (-0.06, 0.04)
13436_54	MAZ	P56270	211	0.011	0.012	0.362	0.01 (-0.01, 0.03)	0.647	0.208	-0.042	0.024	0.079	-0.04 (-0.09, 4.61e-03	0.003	0.011	0.000	0.019	0.982	-4.18e-04 (-0.04, 0.	-0.016	0.023	0.484	-0.02 (-0.06, 0.03)
15494_11	FGFBP1	Q14512	211	-0.014	0.015	0.362	-0.01 (-0.04, 0.02)	0.647	1.55E-06	-0.032	0.030	0.293	-0.03 (-0.09, 0.03)	0.001	0.491	-0.033	0.025	0.189	-0.03 (-0.08, 0.02)	-0.032	0.029	0.275	-0.03 (-0.09, 0.03)
11356_19	DGCR14	Q96DF8	211	0.012	0.013	0.363	0.01 (-0.01, 0.04)	0.647	0.038	-0.051	0.025	0.038	-0.05 (-0.10, -3.09e-0	0.004	0.003	-0.027	0.020	0.180	-0.03 (-0.07, 0.01)	-0.033	0.023	0.144	-0.03 (-0.08, 0.01)
7910_41	LRFN1	Q9P244	211	0.012	0.013	0.363	0.01 (-0.01, 0.04)	0.647	0.012	-0.046	0.026	0.072	-0.05 (-0.10, 3.87e-03	0.004	0.009	-0.008	0.023	0.735	-0.01 (-0.05, 0.04)	0.000	0.023	0.998	6.57e-05 (-0.05, 0.05)
19228_11	BAG2	O95816	211	0.011	0.012	0.363	0.01 (-0.01, 0.03)	0.648	0.067	-0.026	0.025	0.293	-0.03 (-0.08, 0.02)	0.002	0.087	-0.027	0.020	0.188	-0.03 (-0.07, 0.01)	-0.027	0.022	0.221	-0.03 (-0.07, 0.02)
15521_4	CLSTN1	O94985	211	0.012	0.014	0.363	0.01 (-0.01, 0.04)	0.648	0.004	0.010	0.027	0.715	0.01 (-0.04, 0.06)	0.000	0.915	-0.004	0.025	0.861	-4.45e-03 (-0.05, 0.	-0.012	0.025	0.638	-0.01 (-0.06, 0.04)
3708_62	A2M	P01023	211	-0.013	0.014	0.364	-0.01 (-0.04, 0.01)	0.649	0.002	0.029	0.028	0.300	0.03 (-0.03, 0.08)	-0.003	0.084	0.029	0.021	0.173	0.03 (-0.01, 0.07)	0.024	0.024	0.319	0.02 (-0.02, 0.07)
14192_31	PDCL2	Q8N4E4	211	-0.011	0.012	0.364	-0.01 (-0.03, 0.01)	0.649	0.440	-0.063	0.023	0.008	-0.06 (-0.11, -0.02)	0.003	0.010	-0.034	0.023	0.140	-0.03 (-0.08, 0.01)	-0.036	0.022	0.110	-0.04 (-0.08, 0.01)
9884_8	PPIL1	Q9Y3C6	211	-0.011	0.012	0.364	-0.01 (-0.03, 0.01)	0.649	0.204	-0.025	0.025	0.315	-0.03 (-0.07, 0.02)	0.001	0.513	-0.039	0.021	0.066	-0.04 (-0.08, 2.64e-	-0.042	0.024	0.076	-0.04 (-0.09, 4.16e-03)
8870_38	NPM1	P06748	211	0.012	0.013	0.365	0.01 (-0.01, 0.04)	0.649	0.022	-0.062	0.025	0.014	-0.06 (-0.11, -0.01)	0.005	0.001	-0.023	0.022	0.293	-0.02 (-0.07, 0.02)	-0.022	0.022	0.335	-0.02 (-0.07, 0.02)
17811_78	SULT1C2	O00338	211	0.012	0.013	0.365	0.01 (-0.01, 0.04)	0.650	0.007	-0.052	0.026	0.042	-0.05 (-0.10, -2.32e-0	0.004	0.004	-0.017	0.022	0.435	-0.02 (-0.06, 0.03)	0.002	0.023	0.938	1.83e-03 (-0.04, 0.05)
19209_6	NFKBIA	P25963	211	0.011	0.013	0.366	0.01 (-0.01, 0.04)	0.651	0.026	-0.026	0.025	0.287	-0.03 (-0.07, 0.02)	0.002	0.078	-0.016	0.021	0.449	-0.02 (-0.06, 0.03)	-0.011	0.022	0.608	-0.01 (-0.06, 0.03)
2421_7	BDNF	P23560	211	-0.012	0.014	0.366	-0.01 (-0.04, 0.01)	0.651	0.002	-0.063	0.027	0.019	-0.06 (-0.12, -0.01)	0.003	0.029	-0.033	0.022	0.123	-0.03 (-0.08, 0.01)	-0.038	0.023	0.095	-0.04 (-0.08, 0.01)
17467_1	DHRS9	Q9BPW9	211	0.016	0.018	0.366	0.02 (-0.02, 0.05)	0.651	1.12E-19	-0.008	0.035	0.827	-0.01 (-0.08, 0.06)	0.001	0.435	-0.013	0.021	0.523	-0.01 (-0.05, 0.03)	-0.022	0.025	0.393	-0.02 (-0.07, 0.03)
10880_38	FAM163B	P0C2L3	211	-0.011	0.012	0.367	-0.01 (-0.03, 0.01)	0.653	0.120	-0.047	0.025	0.057	-0.05 (-0.09, 1.21e-03	0.002	0.088	-0.036	0.023	0.120	-0.04 (-0.08, 0.01)	-0.041	0.022	0.069	-0.04 (-0.09, 2.92e-03)
13118_5	SMOC1	Q9H4F8	211	0.012	0.013	0.367	0.01 (-0.01, 0.04)	0.653	0.032	-0.005	0.026	0.834	-0.01 (-0.06, 0.05)	0.001	0.442	-0.007	0.025	0.768	-0.01 (-0.06, 0.04)	0.004	0.026	0.870	4.19e-03 (-0.05, 0.05)
2706_69	SERPINA7	P05543	211	0.011	0.012	0.368	0.01 (-0.01, 0.03)	0.653	0.095	-0.016	0.025	0.527	-0.02 (-0.07, 0.03)	0.002	0.220	0.000	0.025	0.985	4.66e-04 (-0.05, 0.0	0.011	0.026	0.664	0.01 (-0.04, 0.06)
11436_6	INA	Q16352	211	0.010	0.012	0.368	0.01 (-0.01, 0.03)	0.653	0.238	-0.039	0.023	0.093	-0.04 (-0.09, 0.01)	0.003	0.014	-0.022	0.023	0.333	-0.02 (-0.07, 0.02)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
10977_55	UCMA	Q8WVF2	211	-0.011	0.012	0.368	-0.01 (-0.03, 0.01)	0.653	0.085	-0.035	0.026	0.177	-0.03 (-0.08, 0.02)	0.001	0.284	-0.026	0.026	0.326	-0.03 (-0.08, 0.03)	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)
16596_25	GLRX3	O76003	211	-0.011	0.012	0.368	-0.01 (-0.03, 0.01)	0.653	0.061	-0.023	0.026	0.366	-0.02 (-0.07, 0.03)	0.001	0.575	-0.052	0.021	0.012	-0.05 (-0.09, -0.01)	-0.052	0.025	0.036	-0.05 (-0.10, -3.61e-03)
19236_24	SUB1	P53999	211	0.012	0.014	0.368	0.01 (-0.01, 0.04)	0.653	0.001	-0.042	0.027	0.124	-0.04 (-0.10, 0.01)	0.003	0.021	0.005	0.020	0.791	0.01 (-0.03, 0.05)	0.003	0.027	0.916	2.86e-03 (-0.05, 0.06)
19247_1	UBE2D1	P51668	211	0.012	0.014	0.368	0.01 (-0.01, 0.04)	0.653	0.003	-0.053	0.026	0.046	-0.05 (-0.11, -1.19e-0	0.004	0.005	-0.016	0.022	0.462	-0.02 (-0.06, 0.03)	-0.010	0.026	0.693	-0.01 (-0.06, 0.04)
11354_21	PLCB1	Q9NQ66	211	-0.012	0.013	0.369	-0.01 (-0.04, 0.01)	0.654	0.049	-0.043	0.026	0.091	-0.04 (-0.09, 0.01)	0.002	0.151	-0.053	0.022	0.013	-0.05 (-0.10, -0.01)	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)
17743_14	UBE2A	P49459	211	0.012	0.013	0.369	0.01 (-0.01, 0.04)	0.654	0.002	-0.069	0.026	0.009	-0.07 (-0.12, -0.02)	0.005	3.89E-04	-0.017	0.020	0.399	-0.02 (-0.06, 0.02)	-0.020	0.022	0.375	-0.02 (-0.06, 0.02)
9025_5	AHSP	Q9NZD4	211	-0.012	0.013	0.369	-0.01 (-0.04, 0.01)	0.654	0.014	-0.075	0.026	0.004	-0.08 (-0.13, -0.03)	0.004	0.004	-0.034	0.023	0.142	-0.03 (-0.08, 0.01)	-0.023	0.024	0.331	-0.02 (-0.07, 0.02)
7743_5	TIMM50	Q3ZCQ8	211	-0.010	0.012	0.370	-0.01 (-0.03, 0.01)	0.655	0.414	-0.065	0.023	0.005	-0.07 (-0.11, -0.02)	0.003	0.006	-0.032	0.020	0.118	-0.03 (-0.07, 0.01)	-0.034	0.022	0.123	-0.03 (-0.08, 0.01)
7246_4	FREM2	Q5SZK8	211	0.012	0.013	0.370	0.01 (-0.01, 0.04)	0.655	0.014	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.003	0.015	0.008	0.024	0.734	0.01 (-0.04, 0.05)	0.012	0.025	0.620	0.01 (-0.04, 0.06)
12771_19	ZNF180	Q9UJW8	211	0.010	0.011	0.370	0.01 (-0.01, 0.03)	0.655	0.392	-0.036	0.023	0.110	-0.04 (-0.08, 0.01)	0.003	0.018	-0.008	0.020	0.665	-0.01 (-0.05, 0.03)	-0.013	0.023	0.556	-0.01 (-0.06, 0.03)
3472_40	BIRC5	O15392	211	0.012	0.013	0.371	0.01 (-0.01, 0.04)	0.656	0.003	-0.066	0.026	0.011	-0.07 (-0.12, -0.02)	0.005	0.001	0.003	0.021	0.897	2.72e-03 (-0.04, 0.0	-0.001	0.025	0.966	-1.08e-03 (-0.05, 0.05)
11672_17	KIF16B	Q96L93	211	0.012	0.013	0.372	0.01 (-0.01, 0.04)	0.657	0.007	-0.072	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	1.53E-04	-0.015	0.020	0.449	-0.02 (-0.05, 0.02)	-0.020	0.023	0.380	-0.02 (-0.07, 0.02)
9859_180	SAT1	P21673	211	0.010	0.012	0.372	0.01 (-0.01, 0.03)	0.657	0.235	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)	0.003	0.022	-0.021	0.021	0.328	-0.02 (-0.06, 0.02)	-0.017	0.023	0.448	-0.02 (-0.06, 0.03)
15558_63	ENPEP	Q07075	211	0.011	0.012	0.372	0.01 (-0.01, 0.03)	0.657	0.140	-0.003	0.025	0.914	-2.69e-03 (-0.05, 0.05	0.001	0.537	-0.010	0.022	0.642	-0.01 (-0.05, 0.03)	-0.001	0.024	0.973	-8.13e-04 (-0.05, 0.05)
18172_71	ASF1A	Q9Y294	211	0.010	0.012	0.372	0.01 (-0.01, 0.03)	0.657	0.333	-0.045	0.023	0.056	-0.04 (-0.09, 8.90e-04	0.003	0.007	-0.012	0.023	0.599	-0.01 (-0.06, 0.03)	-0.008	0.024	0.746	-0.01 (-0.06, 0.04)
9754_33	NQO2	P16083	211	-0.012	0.013	0.372	-0.01 (-0.04, 0.01)	0.657	0.012	-0.028	0.026	0.293	-0.03 (-0.08, 0.02)	0.001	0.485	-0.016	0.025	0.517	-0.02 (-0.07, 0.03)	-0.023	0.025	0.351	-0.02 (-0.07, 0.03)
3427_63	CSNK2A1	P68400	211	-0.010	0.012	0.373	-0.01 (-0.03, 0.01)	0.658	0.325	-0.043	0.024	0.069	-0.04 (-0.09, 3.12e-03	0.002	0.110	-0.027	0.021	0.194	-0.03 (-0.07, 0.01)	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)
11128_29	TMEM132C	Q8N3T6	211	0.012	0.013	0.374	0.01 (-0.01, 0.04)	0.660	0.003	-0.047	0.026	0.071	-0.05 (-0.10, 3.73e-03	0.004	0.009	-0.010	0.019	0.604	-0.01 (-0.05, 0.03)	-0.047	0.025	0.061	-0.05 (-0.10, 1.92e-03)
12511_83	SLC41A2	Q96JW4	211	0.011	0.013	0.374	0.01 (-0.01, 0.04)	0.660	0.024	-0.053	0.025	0.033	-0.05 (-0.10, -4.50e-0	0.004	0.003	-0.014	0.022	0.530	-0.01 (-0.06, 0.03)	-0.007	0.022	0.743	-0.01 (-0.05, 0.04)
8768_4	BCL10	O95999	211	-0.011	0.012	0.374	-0.01 (-0.03, 0.01)	0.660	0.192	-0.040	0.024	0.102	-0.04 (-0.09, 0.01)	0.002	0.163	-0.040	0.022	0.065	-0.04 (-0.08, 2.54e-	-0.034	0.025	0.179	-0.03 (-0.08, 0.02)
3391_10	PIK3CG	P48736	211	-0.011	0.012	0.375	-0.01 (-0.03, 0.01)	0.660	0.315	-0.062	0.024	0.011	-0.06 (-0.11, -0.01)	0.003	0.014	-0.037	0.021	0.082	-0.04 (-0.08, 4.75e-	-0.033	0.023	0.153	-0.03 (-0.08, 0.01)
12454_105	NTMT1	Q9BV86	211	0.010	0.012	0.375	0.01 (-0.01, 0.03)	0.660	0.079	-0.047	0.024	0.052	-0.05 (-0.10, 1.44e-04	0.004	0.006	0.000	0.021	1.000	0.00e+00 (-0.04, 0.	-0.011	0.023	0.628	-0.01 (-0.06, 0.03)
16875_13	MAGOHB	Q96A72	211	-0.010	0.012	0.375	-0.01 (-0.03, 0.01)	0.660	0.308	-0.042	0.024	0.074	-0.04 (-0.09, 3.95e-03	0.002	0.119	-0.030	0.022	0.175	-0.03 (-0.07, 0.01)	-0.026	0.022	0.247	-0.03 (-0.07, 0.02)
11358_15	GRB10	Q13322	211	-0.011	0.012	0.375	-0.01 (-0.03, 0.01)	0.661	0.124	-0.036	0.026	0.158	-0.04 (-0.09, 0.01)	0.002	0.252	-0.052	0.022	0.016	-0.05 (-0.10, -0.01)	-0.050	0.024	0.039	-0.05 (-0.10, -2.89e-03)
17175_5	MAP2K6	P52564	211	-0.011	0.012	0.375	-0.01 (-0.03, 0.01)	0.661	0.076	-0.045	0.025	0.077	-0.04 (-0.09, 4.65e-03	0.002	0.118	-0.033	0.022	0.136	-0.03 (-0.08, 0.01)	-0.025	0.024	0.298	-0.03 (-0.07, 0.02)
19635_69	FGL2	Q14314	211	0.012	0.013	0.376	0.01 (-0.01, 0.04)	0.661	0.009	-0.053	0.026	0.045	-0.05 (-0.10, -1.40e-0	0.004	0.005	-0.028	0.023	0.215	-0.03 (-0.07, 0.02)	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)
6506_54	TMED10	P49755	211	0.013	0.015	0.376	0.01 (-0.02, 0.04)	0.661	3.16E-05	0.010	0.029	0.740	0.01 (-0.05, 0.07)	0.000	0.897	-0.001	0.025	0.969	-9.68e-04 (-0.05, 0.	-0.001	0.025	0.971	-9.05e-04 (-0.05, 0.05)
5484_63	RPS3A	P61247	211	0.011	0.013	0.376	0.01 (-0.01, 0.04)	0.661	0.014	-0.058	0.025	0.024	-0.06 (-0.11, -0.01)	0.004	0.002	-0.019	0.021	0.352	-0.02 (-0.06, 0.02)	-0.036	0.024	0.136	-0.04 (-0.08, 0.01)
12697_30	PIP4K2A	P48426	211	-0.011	0.013	0.377	-0.01 (-0.04, 0.01)	0.662	0.036	-0.032	0.026	0.219	-0.03 (-0.08, 0.02)	0.001	0.363	-0.058	0.021	0.006	-0.06 (-0.10, -0.02)	-0.054	0.025	0.030	-0.05 (-0.10, -0.01)
5981_6	C21orf33	P30042	211	0.010	0.012	0.377	0.01 (-0.01, 0.03)	0.662	0.141	-0.047	0.024	0.056	-0.05 (-0.09, 8.52e-04	0.004	0.007	-0.012	0.022	0.572	-0.01 (-0.05, 0.03)	-0.020	0.024	0.407	-0.02 (-0.07, 0.03)
8016_19	DNAJC4	Q9NNZ3	211	0.010	0.012	0.377	0.01 (-0.01, 0.03)	0.662	0.153	-0.038	0.024	0.107	-0.04 (-0.08, 0.01)	0.003	0.019	-0.021	0.019	0.275	-0.02 (-0.06, 0.02)	-0.035	0.022	0.121	-0.03 (-0.08, 0.01)
9059_14	RAPGEF5	Q92565	211	0.012	0.014	0.377	0.01 (-0.01, 0.04)	0.662	0.001	-0.063	0.027	0.019	-0.06 (-0.11, -0.01)	0.005	0.001	-0.003	0.021	0.888	-3.00e-03 (-0.04, 0.	-0.007	0.023	0.755	-0.01 (-0.05, 0.04)
2878_66	YES1	P07947	211	0.010	0.012	0.377	0.01 (-0.01, 0.03)	0.662	0.086	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)	0.005	1.99E-04	0.000	0.019	0.983	-4.03e-04 (-0.04, 0.	-0.025	0.023	0.286	-0.03 (-0.07, 0.02)
13676_46	INHBB	P09529	211	0.017	0.019	0.378	0.02 (-0.02, 0.05)	0.663	4.64E-25	0.030	0.037	0.421	0.03 (-0.04, 0.10)	-0.001	0.675	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)	-0.007	0.024	0.784	-0.01 (-0.05, 0.04)
8242_9	CLEC2L	P0C7M8	211	0.011	0.013	0.378	0.01 (-0.01, 0.04)	0.663	0.032	-0.043	0.025	0.085	-0.04 (-0.09, 0.01)	0.003	0.012	-0.011	0.021	0.605	-0.01 (-0.05, 0.03)	-0.010	0.023	0.665	-0.01 (-0.05, 0.03)
9172_69	MMP8	P22894	211	0.020	0.023	0.378	0.02 (-0.02, 0.06)	0.663	1.02E-59	-0.063	0.045	0.160	-0.06 (-0.15, 0.02)	0.005	0.032	0.024	0.020	0.232	0.02 (-0.02, 0.06)	0.007	0.024	0.763	0.01 (-0.04, 0.05)
16614_27	RSPO1	Q2MKA7	211	-0.012	0.014	0.379	-0.01 (-0.04, 0.01)	0.663	0.001	-0.013	0.027	0.639	-0.01 (-0.07, 0.04)	0.000	0.974	-0.027	0.024	0.255	-0.03 (-0.07, 0.02)	-0.020	0.026	0.430	-0.02 (-0.07, 0.03)
7851_30	ANKRD46	Q86W74	211	0.011	0.013	0.379	0.01 (-0.01, 0.04)	0.663	0.034	-0.053	0.025	0.033	-0.05 (-0.10, -4.56e-0	0.004	0.003	-0.027	0.021	0.196	-0.03 (-0.07, 0.01)	-0.021	0.025	0.382	-0.02 (-0.07, 0.03)
9012_1	PRPF6	O94906	211	0.011	0.013	0.379	0.01 (-0.01, 0.04)	0.663	0.020	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)	0.004	0.002	-0.019	0.022	0.384	-0.02 (-0.06, 0.02)	-0.014	0.023	0.543	-0.01 (-0.06, 0.03)
8006_12	DNAJB12	Q9NXW2	211	0.012	0.014	0.379	0.01 (-0.01, 0.04)	0.664	0.002	-0.027	0.027	0.323	-0.03 (-0.08, 0.03)	0.002	0.098	-0.027	0.023	0.250	-0.03 (-0.07, 0.02)	-0.017	0.024	0.471	-0.02 (-0.06, 0.03)
7163_26	LACRT	Q9GZZ8	211	-0.012	0.013	0.380	-0.01 (-0.04, 0.01)	0.664	0.026	0.010	0.026	0.703	0.01 (-0.04, 0.06)	-0.001	0.336	-0.009	0.026	0.743	-0.01 (-0.06, 0.04)	-0.017	0.023	0.458	-0.02 (-0.06, 0.03)
7806_33	B4GALT7	Q9UBV7	211	-0.012	0.014	0.380	-0.01 (-0.04, 0.01)	0.665	0.013	-0.037	0.027	0.174	-0.04 (-0.09, 0.02)	0.002	0.288	-0.022	0.026	0.392	-0.02 (-0.07, 0.03)	-0.034	0.026	0.191	-0.03 (-0.08, 0.02)
8818_13	IFNGR2	P38484	211	0.011	0.013	0.381	0.01 (-0.01, 0.04)	0.666	0.030	-0.040	0.025	0.112	-0.04 (-0.09, 0.01)	0.003	0.019	-0.011	0.021	0.599	-0.01 (-0.05, 0.03)	-0.008	0.024	0.732	-0.01 (-0.05, 0.04)
2597_8	VEGFA	P15692	211	0.012	0.013	0.381	0.01 (-0.01, 0.04)	0.666	0.040	-0.045	0.026	0.083	-0.05 (-0.10, 0.01)	0.004	0.012	-0.015	0.022	0.476	-0.02 (-0.06, 0.03)	-0.023	0.025	0.369	-0.02 (-0.07, 0.03)
5114_65	PRLR	P16471	211	0.011	0.013	0.381	0.01 (-0.01, 0.04)	0.666	0.016	-0.035	0.026	0.179	-0.03 (-0.09, 0.02)	0.003	0.040	-0.013	0.022	0.552	-0.01 (-0.06, 0.03)	-0.021	0.025	0.399	-0.02 (-0.07, 0.03)
19279_42	RBP1	P09455	211	0.011	0.013	0.381	0.01 (-0.01, 0.04)	0.666	0.047	-0.056	0.025	0.023	-0.06 (-0.10, -0.01)	0.004	0.002	-0.022	0.022	0.312	-0.02 (-0.07, 0.02)	-0.014	0.023	0.556	-0.01 (-0.06, 0.03)
10933_107	CALN1	Q9BXU9	211	0.010	0.012	0.383	0.01 (-0.01, 0.03)	0.666	0.386	-0.054	0.023	0.021	-0.05 (-0.10, -0.01)	0.004	0.002	-0.023	0.021	0.292	-0.02 (-0.06, 0.02)	-0.021	0.023	0.375	-0.02 (-0.07, 0.02)
12409_90	RAB7B	Q96AH8	211	0.010	0.011	0.382	0.01 (-0.01, 0.03)	0.666	0.523	-0.026	0.023	0.259	-0.03 (-0.07, 0.02)	0.002	0.070	-0.031	0.021	0.149	-0.03 (-0.07, 0.01)	-0.035	0.023	0.135	-0.03 (-0.08, 0.01)
12851_5	POLM	Q9NP87	211	0.011	0.013	0.382	0.01 (-0.01, 0.04)	0.666	0.019	-0.016	0.026	0.546	-0.02 (-0.07, 0.04)	0.002	0.227	-0.020	0.020	0.320	-0.02 (-0.06, 0.02)	-0.023	0.027	0.397	-0.02 (-0.08, 0.03)
15329_167	ROBLD3	Q9Y2Q5	211	-0.011	0.013	0.384	-0.01 (-0.04, 0.01)	0.666	0.024	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)	0.003	0.024	-0.033	0.022	0.139	-0.03 (-0.08, 0.01)	-0.025	0.023	0.292	-0.02 (-0.07, 0.02)
15576_158	RNASE3	P12724	211	0.013	0.015	0.383	0.01 (-0.02, 0.04)	0.666	5.12E-08	-0.010	0.030	0.733	-0.01 (-0.07, 0.05)	0.001	0.367	-0.002	0.021	0.926	-1.93e-03 (-0.04, 0.	-0.036	0.027	0.190	-0.04 (-0.09, 0.02)
15668_19	BMP8B	P34820	211	0.012	0.013	0.382	0.01 (-0.01, 0.04)	0.666	0.006	-0.056	0.026	0.031	-0.06 (-0.11, -0.01)	0.004	0.003	-0.003	0.021	0.875	-3.35e-03 (-0.05, 0.	-0.002	0.025	0.938	-1.94e-03 (-0.05, 0.05)
16597_11	GLRX5	Q86SX6	211	0.011	0.012	0.384	0.01 (-0.01, 0.04)	0.666	0.202	-0.046	0.029	0.115	-0.05 (-0.10, 0.01)	0.003	0.030	-0.008	0.020	0.683	-0.01 (-0.05, 0.03)	-0.016	0.031	0.609	-0.02 (-0.08, 0.05)
17346_61	FDCSP	Q8NFU4	211	-0.010	0.012	0.382	-0.01 (-0.03, 0.01)	0.666	0.100	0.040	0.025	0.109	0.04 (-0.01, 0.09)	-0.003	0.020	0.019	0.023	0.387	0.02 (-0.02, 0.06)	0.007	0.024	0.782	0.01 (-0.04, 0.05)
18405_117	AP1S2	P56377	211	-0.010	0.012	0.384	-0.01 (-0.03, 0.01)	0.666	0.278	-0.038	0.024	0.107	-0.04 (-0.08, 0.01)	0.002	0.169	-0.034	0.022	0.129	-0.03 (-0.08, 0.01)	-0.027	0.021	0.202	-0.03 (-0.07, 0.01)
19492_5	KAAG1	Q9UBP8	211	0.012	0.013	0.384	0.01 (-0.01, 0.04)	0.666	0.013	-0.021	0.027	0.432	-0.02 (-0.07, 0.03)	0.002	0.156	-0.012	0.020	0.560	-0.01 (-0.05, 0.03)	-0.028	0.025	0.264	-0.03 (-0.08, 0.02)
19581_15	IGFBP5	P24593	211	-0.011	0.013	0.384	-0.01 (-0.04, 0.01)	0.666	0.021	0.030	0.025	0.244	0.03 (-0.02, 0.08)	-0.003	0.063	0.020	0.021	0.361	0.02 (-0.02, 0.06)	0.024	0.023	0.299	0.02 (-0.02, 0.07)
4487_1	FGF7	P21781	211	-0.010	0.012	0.382	-0.01 (-0.03, 0.01)	0.666	0.069	-0.038	0.025	0.137	-0.04 (-0.09, 0.01)	0.002	0.212	-0.041	0.020	0.037	-0.04 (-0.08, -2.43e-	-0.057	0.025	0.022	-0.06 (-0.10, -0.01)
4769_10	OLFM4	Q6UX06	211	0.010	0.012	0.382	0.01 (-0.01, 0.03)	0.666	0.328	-0.020	0.023	0.402	-0.02 (-0.07, 0.03)	0.002	0.142	-0.019	0.021	0.354	-0.02 (-0.06, 0.02)	-0.016	0.021	0.441	-0.02 (-0.06, 0.03)
5867_60	ARG1	P05089	211	-0.012	0.014	0.383	-0.01 (-0.04, 0.01)	0.666	0.001	-0.073	0.026	0.006	-0.07 (-0.13, -0.02)	0.004	0.008	-0.038	0.019	0.051	-0.04 (-0.08, 9.03e-	-0.052	0.022	0.021	-0.05 (-0.10, -0.01)
6485_59	IGLL1	P15814	211	0.013	0.015	0.384	0.01 (-0.02, 0.04)	0.666	0.024	0.043	0.031	0.174	0.04 (-0.02, 0.10)	-0.002	0.280	0.000	0.024	0.987	-3.77e-04 (-0.05, 0.	-0.020	0.034	0.554	-0.02 (-0.09, 0.05)
6530_63	PROL1	Q99935	211	0.010	0.012	0.382	0.01 (-0.01, 0.03)	0.666	0.423	-0.014	0.024	0.557	-0.01 (-0.06, 0.03)	0.002	0.235	-0.009	0.024	0.695	-0.01 (-0.06, 0.04)	-0.007	0.022	0.759	-0.01 (-0.05, 0.04)
7262_191	CHST14	Q8NCH0	211	0.010	0.012	0.383	0.01 (-0.01, 0.03)	0.666	0.057	-0.041	0.025	0.100	-0.04 (-0.09, 0.01)	0.003	0.018	-0.008	0.022	0.729	-0.01 (-0.05, 0.04)	-0.008	0.022	0.727	-0.01 (-0.05, 0.04)
9936_27	LNX1	Q8TBB1	211	0.010	0.012	0.383	0.01 (-0.01, 0.03)	0.666	0.105	-0.042	0.024	0.085	-0.04 (-0.09, 0.01)	0.003	0.014	-0.005	0.022	0.822	-4.89e-03 (-0.05, 0.	-0.002	0.023	0.931	-2.03e-03 (-0.05, 0.04)
6533_20	DNASE2B	Q8WZ79	211	0.010	0.012	0.384	0.01 (-0.01, 0.03)	0.666	0.918	0.001	0.023	0.955	1.31e-03 (-0.04, 0.05)	0.001	0.660	-0.011	0.023	0.638	-0.01 (-0.06, 0.03)	-0.006	0.025	0.818	-0.01 (-0.06, 0.04)
5888_29	EIF5A	P63241	211	-0.011	0.013	0.384	-0.01 (-0.04, 0.01)	0.666	0.040	-0.041	0.026	0.113	-0.04 (-0.09, 0.01)	0.002	0.184	-0.044	0.021	0.032	-0.04 (-0.08, -3.89e-	-0.049	0.025	0.049	-0.05 (-0.10, -4.00e-04)
19338_3	LZIC	Q8WZA0	211	-0.010	0.012	0.385	-0.01 (-0.03, 0.01)	0.667	0.239	-0.051	0.024	0.035	-0.05 (-0.10, -3.97e-0	0.003	0.051	-0.024	0.019	0.201	-0.02 (-0.06, 0.01)	-0.031	0.023	0.184	-0.03 (-0.08, 0.01)
8894_80	HNRNPAB	Q99729	211	-0.010	0.012	0.385	-0.01 (-0.03, 0.01)	0.667	0.058	-0.059	0.025	0.019	-0.06 (-0.11, -0.01)	0.003	0.024	-0.050	0.022	0.026	-0.05 (-0.09, -0.01)	-0.050	0.024	0.039	-0.05 (-0.10, -2.81e-03)
9000_177	SLC3A1	Q07837	211	0.010	0.012	0.385	0.01 (-0.01, 0.03)	0.667	0.082	-0.030	0.024	0.215	-0.03 (-0.08, 0.02)	0.003	0.055	-0.003	0.024	0.896	-3.16e-03 (-0.05, 0.	-0.005	0.023	0.843	-4.65e-03 (-0.05, 0.04)
19249_18	KARS	Q15046	211	-0.011	0.013	0.386	-0.01 (-0.04, 0.01)	0.668	0.018	-0.057	0.025	0.026	-0.06 (-0.11, -0.01)	0.003	0.038	-0.035	0.019	0.069	-0.04 (-0.07, 2.74e-	-0.057	0.025	0.021	-0.06 (-0.11, -0.01)
10895_28	TMPRSS11	Q86T26	211	0.010	0.012	0.387	0.01 (-0.01, 0.03)	0.669	0.778	-0.045	0.023	0.053	-0.04 (-0.09, 2.33e-04	0.003	0.006	-0.026	0.021	0.223	-0.03 (-0.07, 0.02)	-0.026	0.023	0.250	-0.03 (-0.07, 0.02)
15339_32	CFL2	Q9Y281	211	-0.010	0.012	0.387	-0.01 (-0.03, 0.01)	0.669	0.060	-0.027	0.025	0.272	-0.03 (-0.08, 0.02)	0.001	0.420	-0.006	0.023	0.811	-0.01 (-0.05, 0.04)	-0.018	0.024	0.460	-0.02 (-0.07, 0.03)
9037_1	STX18	Q9P2W9	211	0.010	0.012	0.387	0.01 (-0.01, 0.03)	0.669	0.198	-0.023	0.024	0.344	-0.02 (-0.07, 0.02)	0.002	0.114	-0.015	0.020	0.445	-0.02 (-0.05, 0.02)	-0.026	0.025	0.283	-0.03 (-0.07, 0.02)
3450_4	KLK6	Q92876	211	0.012	0.013	0.387	0.01 (-0.01, 0.04)	0.669	0.004	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)	0.004	0.002	0.000	0.022	0.995	1.31e-04 (-0.04, 0.0	0.001	0.023	0.954	1.33e-03 (-0.04, 0.05)
3192_3	CNDP2	Q96KP4	211	-0.010	0.012	0.387	-0.01 (-0.03, 0.01)	0.669	0.305	-0.065	0.024	0.007	-0.06 (-0.11, -0.02)	0.003	0.008	-0.021	0.024	0.376	-0.02 (-0.07, 0.03)	-0.008	0.023	0.734	-0.01 (-0.05, 0.04)
2794_60	SOD1	P00441	211	-0.010	0.012	0.388	-0.01 (-0.03, 0.01)	0.670	0.136	-0.058	0.024	0.018	-0.06 (-0.11, -0.01)	0.003	0.023	-0.033	0.019	0.091	-0.03 (-0.07, 0.01)	-0.046	0.024	0.063	-0.05 (-0.09, 2.21e-03)
11531_24	C10orf54	Q9H7M9	211	-0.010	0.012	0.390	-0.01 (-0.03, 0.01)	0.671	0.177	-0.071	0.024	0.004	-0.07 (-0.12, -0.02)	0.004	0.004	-0.045	0.022	0.046	-0.04 (-0.09, -7.67e-	-0.048	0.025	0.060	-0.05 (-0.10, 1.78e-03)
12008_3	CD7	P09564	211	0.010	0.012	0.389	0.01 (-0.01, 0.03)	0.671	0.139	0.007	0.024	0.768	0.01 (-0.04, 0.05)	0.000	0.896	0.005	0.023	0.846	4.50e-03 (-0.04, 0.0	0.022	0.023	0.337	0.02 (-0.02, 0.07)
12456_5	PFKFB3	Q16875	211	0.010	0.012	0.389	0.01 (-0.01, 0.03)	0.671	0.070	-0.051	0.025	0.038	-0.05 (-0.10, -3.05e-0	0.004	0.004	-0.020	0.023	0.375	-0.02 (-0.07, 0.02)	-0.021	0.024	0.369	-0.02 (-0.07, 0.03)
12620_3	SEPTIN11	Q9NVA2	211	-0.010	0.012	0.389	-0.01 (-0.03, 0.01)	0.671	0.069	-0.061	0.025	0.015	-0.06 (-0.11, -0.01)	0.003	0.018	-0.026	0.021	0.231	-0.03 (-0.07, 0.02)	-0.020	0.024	0.392	-0.02 (-0.07, 0.03)
13540_1	GPR26	Q8NDV2	211	0.011	0.013	0.389	0.01 (-0.01, 0.04)	0.671	0.043	-0.052	0.025	0.040	-0.05 (-0.10, -2.61e-0	0.004	0.004	-0.025	0.022	0.248	-0.02 (-0.07, 0.02)	-0.018	0.025	0.486	-0.02 (-0.07, 0.03)
13934_3	MCF2L	O15068	211	0.010	0.012	0.390	0.01 (-0.01, 0.03)	0.671	0.073	-0.058	0.025	0.021	-0.06 (-0.11, -0.01)	0.004	0.002	-0.013	0.018	0.479	-0.01 (-0.05, 0.02)	-0.033	0.023	0.161	-0.03 (-0.08, 0.01)
15653_9	COL10A1	Q03692	211	-0.010	0.012	0.390	-0.01 (-0.03, 0.01)	0.671	0.073	-0.013	0.024	0.608	-0.01 (-0.06, 0.04)	0.000	0.900	0.007	0.023	0.779	0.01 (-0.04, 0.05)	-0.002	0.024	0.945	-1.63e-03 (-0.05, 0.04)
17784_23	GMFB	P60983	211	-0.011	0.013	0.389	-0.01 (-0.04, 0.01)	0.671	0.024	-0.039	0.025	0.126	-0.04 (-0.09, 0.01)	0.002	0.203	-0.012	0.025	0.636	-0.01 (-0.06, 0.04)	-0.016	0.023	0.499	-0.02 (-0.06, 0.03)
2616_23	ERBB2	P04626	211	0.010	0.012	0.389	0.01 (-0.01, 0.03)	0.671	0.277	-0.036	0.024	0.125	-0.04 (-0.08, 0.01)	0.003	0.024	-0.002	0.019	0.915	-2.02e-03 (-0.04, 0.	-0.004	0.024	0.871	-3.83e-03 (-0.05, 0.04)
2843_13	SPINT2	O43291	211	0.010	0.012	0.389	0.01 (-0.01, 0.03)	0.671	0.081	-0.025	0.024	0.308	-0.02 (-0.07, 0.02)	0.002	0.100	-0.007	0.023	0.755	-0.01 (-0.05, 0.04)	0.007	0.025	0.775	0.01 (-0.04, 0.06)
5740_17	ROBO1	Q9Y6N7	211	0.012	0.014	0.389	0.01 (-0.02, 0.04)	0.671	4.11E-04	0.015	0.028	0.585	0.02 (-0.04, 0.07)	0.000	0.897	-0.002	0.027	0.946	-1.85e-03 (-0.06, 0.	0.014	0.025	0.580	0.01 (-0.04, 0.06)
8033_1	DNAJC18	Q9H819	211	0.011	0.013	0.389	0.01 (-0.01, 0.04)	0.671	0.016	-0.024	0.025	0.334	-0.02 (-0.07, 0.02)	0.002	0.105	-0.015	0.021	0.481	-0.01 (-0.06, 0.03)	-0.016	0.024	0.496	-0.02 (-0.06, 0.03)
8778_3	NOG	Q13253	211	-0.012	0.014	0.390	-0.01 (-0.04, 0.02)	0.671	0.001	-0.033	0.028	0.241	-0.03 (-0.09, 0.02)	0.001	0.391	-0.054	0.024	0.023	-0.05 (-0.10, -0.01)	-0.063	0.023	0.007	-0.06 (-0.11, -0.02)
17411_55	UFD1L	Q92890	211	-0.010	0.012	0.390	-0.01 (-0.03, 0.01)	0.671	0.108	-0.036	0.025	0.152	-0.04 (-0.08, 0.01)	0.002	0.236	-0.036	0.022	0.096	-0.04 (-0.08, 0.01)	-0.041	0.025	0.107	-0.04 (-0.09, 0.01)
17797_1	CUL1	Q13616	211	0.010	0.012	0.390	0.01 (-0.01, 0.03)	0.671	0.396	-0.048	0.023	0.040	-0.05 (-0.09, -2.53e-0	0.004	0.004	-0.018	0.023	0.451	-0.02 (-0.06, 0.03)	-0.020	0.025	0.444	-0.02 (-0.07, 0.03)
13720_95	PRTN3	P24158	211	0.015	0.018	0.391	0.02 (-0.02, 0.05)	0.671	4.62E-14	0.041	0.035	0.237	0.04 (-0.03, 0.11)	-0.002	0.384	-0.027	0.023	0.253	-0.03 (-0.07, 0.02)	-0.021	0.026	0.435	-0.02 (-0.07, 0.03)
6107_3	CELA1	Q9UNI1	211	0.010	0.011	0.391	0.01 (-0.01, 0.03)	0.671	0.073	0.020	0.025	0.425	0.02 (-0.03, 0.07)	-0.001	0.643	0.003	0.022	0.880	3.39e-03 (-0.04, 0.0	0.020	0.025	0.432	0.02 (-0.03, 0.07)
3381_24	LYN	P07948	211	-0.010	0.012	0.392	-0.01 (-0.03, 0.01)	0.672	0.137	-0.024	0.024	0.328	-0.02 (-0.07, 0.02)	0.001	0.509	-0.034	0.022	0.115	-0.03 (-0.08, 0.01)	-0.028	0.026	0.277	-0.03 (-0.08, 0.02)
8360_169	NCR1	O76036	211	0.010	0.012	0.392	0.01 (-0.01, 0.03)	0.674	0.280	-0.015	0.024	0.544	-0.01 (-0.06, 0.03)	0.002	0.236	-0.017	0.021	0.404	-0.02 (-0.06, 0.02)	-0.021	0.023	0.382	-0.02 (-0.07, 0.03)
14186_13	RFFL	Q8WZ73	211	0.010	0.011	0.394	0.01 (-0.01, 0.03)	0.674	0.106	0.001	0.024	0.956	1.34e-03 (-0.05, 0.05)	0.001	0.686	0.024	0.020	0.242	0.02 (-0.02, 0.06)	0.013	0.024	0.575	0.01 (-0.03, 0.06)
14655_1	DNAJC17	Q9NVM6	211	-0.010	0.012	0.394	-0.01 (-0.03, 0.01)	0.674	0.186	-0.051	0.024	0.036	-0.05 (-0.10, -3.59e-0	0.003	0.051	-0.046	0.020	0.022	-0.05 (-0.09, -0.01)	-0.056	0.027	0.038	-0.06 (-0.11, -3.32e-03)
15623_1	PDCD1	Q15116	211	0.010	0.012	0.393	0.01 (-0.01, 0.03)	0.674	0.085	-0.018	0.024	0.469	-0.02 (-0.07, 0.03)	0.002	0.192	-0.021	0.023	0.352	-0.02 (-0.07, 0.02)	-0.016	0.025	0.511	-0.02 (-0.06, 0.03)
5602_62	RNASE10	Q5GAN6	211	0.010	0.012	0.393	0.01 (-0.01, 0.03)	0.674	0.065	-0.065	0.024	0.008	-0.07 (-0.11, -0.02)	0.005	4.24E-04	-0.009	0.020	0.660	-0.01 (-0.05, 0.03)	-0.022	0.023	0.335	-0.02 (-0.07, 0.02)
7625_27	YWHAQ	P27348	211	0.013	0.015	0.393	0.01 (-0.02, 0.04)	0.674	1.80E-07	-0.018	0.029	0.552	-0.02 (-0.08, 0.04)	0.002	0.236	-0.032	0.020	0.114	-0.03 (-0.07, 0.01)	-0.040	0.025	0.106	-0.04 (-0.09, 0.01)
8882_1	ADAM17	P78536	211	0.011	0.013	0.393	0.01 (-0.01, 0.04)	0.674	0.020	0.005	0.025	0.847	4.88e-03 (-0.04, 0.05)	0.000	0.785	-0.004	0.025	0.863	-4.27e-03 (-0.05, 0.	-0.007	0.025	0.772	-0.01 (-0.06, 0.04)
18222_34	SH3GLB2	Q9NR46	211	-0.011	0.013	0.394	-0.01 (-0.04, 0.01)	0.675	0.007	-0.039	0.027	0.148	-0.04 (-0.09, 0.01)	0.002	0.238	-0.044	0.022	0.043	-0.04 (-0.09, -1.39e-	-0.043	0.024	0.076	-0.04 (-0.09, 4.20e-03)
17166_4	FGF8	P55075	211	0.010	0.012	0.394	0.01 (-0.01, 0.03)	0.675	0.230	-0.042	0.024	0.074	-0.04 (-0.09, 3.82e-03	0.003	0.011	-0.017	0.023	0.477	-0.02 (-0.06, 0.03)	-0.014	0.021	0.488	-0.01 (-0.05, 0.03)
13610_9	MAGEA10	P43363	211	0.010	0.012	0.394	0.01 (-0.01, 0.03)	0.675	0.157	-0.044	0.025	0.080	-0.04 (-0.09, 4.97e-03	0.003	0.013	-0.004	0.022	0.845	-4.40e-03 (-0.05, 0.	-0.009	0.024	0.706	-0.01 (-0.06, 0.04)
8748_45	CD74	P04233	211	0.010	0.012	0.394	0.01 (-0.01, 0.03)	0.675	0.422	-0.041	0.023	0.078	-0.04 (-0.09, 4.33e-03	0.003	0.012	-0.010	0.020	0.612	-0.01 (-0.05, 0.03)	-0.015	0.022	0.493	-0.02 (-0.06, 0.03)
3030_3	CLEC4M	Q9H2X3	211	0.011	0.013	0.395	0.01 (-0.01, 0.04)	0.675	0.003	-0.032	0.027	0.222	-0.03 (-0.08, 0.02)	0.003	0.056	0.014	0.024	0.555	0.01 (-0.03, 0.06)	0.002	0.024	0.936	1.93e-03 (-0.04, 0.05)
10362_35	MYC	P01106	211	0.010	0.012	0.395	0.01 (-0.01, 0.03)	0.676	0.156	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)	0.003	0.052	-0.007	0.021	0.722	-0.01 (-0.05, 0.03)	-0.014	0.020	0.492	-0.01 (-0.05, 0.03)
3413_50	BCL2A1	Q16548	211	0.011	0.013	0.395	0.01 (-0.01, 0.04)	0.676	0.004	-0.032	0.027	0.228	-0.03 (-0.08, 0.02)	0.003	0.060	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)	-0.012	0.024	0.621	-0.01 (-0.06, 0.04)
6223_5	GUCA2B	Q16661	211	0.010	0.012	0.395	0.01 (-0.01, 0.03)	0.676	0.121	-0.011	0.025	0.649	-0.01 (-0.06, 0.04)	0.001	0.323	-0.002	0.023	0.915	-2.47e-03 (-0.05, 0.	0.001	0.025	0.963	1.16e-03 (-0.05, 0.05)
9106_87	LYSMD4	Q5XG99	211	0.010	0.012	0.396	0.01 (-0.01, 0.03)	0.676	0.233	-0.038	0.024	0.113	-0.04 (-0.08, 0.01)	0.003	0.021	-0.016	0.021	0.443	-0.02 (-0.06, 0.02)	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)
8400_74	GRP	P07492	211	0.010	0.012	0.396	0.01 (-0.01, 0.03)	0.677	0.345	-0.033	0.024	0.156	-0.03 (-0.08, 0.01)	0.003	0.034	-0.012	0.023	0.618	-0.01 (-0.06, 0.03)	-0.028	0.023	0.216	-0.03 (-0.07, 0.02)
15372_43	BRD2	P25440	211	0.010	0.012	0.397	0.01 (-0.01, 0.03)	0.677	0.582	-0.049	0.023	0.034	-0.05 (-0.09, -3.91e-0	0.004	0.003	-0.016	0.020	0.420	-0.02 (-0.06, 0.02)	-0.025	0.023	0.271	-0.03 (-0.07, 0.02)
7880_9	PSMA1	P25786	211	0.011	0.013	0.397	0.01 (-0.01, 0.04)	0.677	0.016	-0.062	0.025	0.015	-0.06 (-0.11, -0.01)	0.005	0.001	-0.018	0.023	0.422	-0.02 (-0.06, 0.03)	-0.011	0.023	0.643	-0.01 (-0.06, 0.03)
2441_2	FGF10	O15520	211	0.010	0.012	0.397	0.01 (-0.01, 0.03)	0.677	0.216	-0.017	0.024	0.475	-0.02 (-0.06, 0.03)	0.002	0.193	-0.012	0.021	0.552	-0.01 (-0.05, 0.03)	-0.002	0.023	0.917	-2.43e-03 (-0.05, 0.04)
5483_1	RGMA	Q96B86	211	0.015	0.017	0.397	0.01 (-0.02, 0.05)	0.678	9.02E-17	0.039	0.034	0.252	0.04 (-0.03, 0.10)	-0.002	0.406	0.002	0.026	0.935	2.16e-03 (-0.05, 0.0	0.002	0.026	0.941	1.94e-03 (-0.05, 0.05)
4224_7	SYNCRIP	O60506	211	-0.011	0.013	0.398	-0.01 (-0.04, 0.01)	0.678	0.034	-0.073	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.005	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)	-0.032	0.024	0.171	-0.03 (-0.08, 0.01)
4880_21	GDF2	Q9UK05	211	-0.010	0.012	0.398	-0.01 (-0.03, 0.01)	0.678	0.087	-0.010	0.025	0.692	-0.01 (-0.06, 0.04)	0.000	0.998	0.024	0.023	0.287	0.02 (-0.02, 0.07)	-0.001	0.028	0.971	-1.05e-03 (-0.06, 0.05)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
15607_56	PKLR	P30613	211	0.010	0.012	0.399	0.01 (-0.01, 0.03)	0.679	0.436	0.006	0.024	0.793	0.01 (-0.04, 0.05)	0.000	0.853	-0.008	0.023	0.722	-0.01 (-0.05, 0.04)	-0.001	0.027	0.955	-1.49e-03 (-0.05, 0.05)
13511_29	SATB1	Q01826	211	0.010	0.012	0.399	0.01 (-0.01, 0.03)	0.679	0.155	-0.050	0.024	0.036	-0.05 (-0.10, -3.54e-0	0.004	0.004	-0.022	0.020	0.269	-0.02 (-0.06, 0.02)	-0.017	0.021	0.404	-0.02 (-0.06, 0.02)
3299_29	CNTN5	O94779	211	-0.010	0.012	0.400	-0.01 (-0.03, 0.01)	0.681	0.492	-0.033	0.023	0.157	-0.03 (-0.08, 0.01)	0.001	0.251	-0.047	0.019	0.016	-0.05 (-0.09, -0.01)	-0.047	0.024	0.054	-0.05 (-0.10, 4.76e-04)
7871_16	TMEM132A	Q24JP5	211	-0.012	0.015	0.400	-0.01 (-0.04, 0.02)	0.681	7.84E-07	0.014	0.029	0.621	0.01 (-0.04, 0.07)	-0.002	0.287	-0.020	0.026	0.436	-0.02 (-0.07, 0.03)	-0.005	0.025	0.858	-4.56e-03 (-0.05, 0.05)
12796_44	NUDT3	O95989	211	-0.010	0.012	0.401	-0.01 (-0.03, 0.01)	0.681	0.120	-0.039	0.025	0.115	-0.04 (-0.09, 0.01)	0.002	0.173	-0.033	0.025	0.188	-0.03 (-0.08, 0.02)	-0.039	0.025	0.113	-0.04 (-0.09, 0.01)
7878_2	SEC61B	P60468	211	0.010	0.012	0.401	0.01 (-0.01, 0.03)	0.682	0.353	-0.039	0.023	0.093	-0.04 (-0.08, 0.01)	0.003	0.016	-0.011	0.023	0.633	-0.01 (-0.06, 0.03)	-0.007	0.022	0.747	-0.01 (-0.05, 0.04)
10814_7	CD1A	P06126	211	0.010	0.012	0.402	0.01 (-0.01, 0.03)	0.683	0.065	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	0.003	0.015	-0.016	0.022	0.466	-0.02 (-0.06, 0.03)	-0.009	0.023	0.709	-0.01 (-0.05, 0.04)
14597_5	SEMA6C	Q9H3T2	211	0.010	0.012	0.402	0.01 (-0.01, 0.03)	0.683	0.104	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)	0.003	0.019	-0.028	0.021	0.193	-0.03 (-0.07, 0.01)	-0.022	0.024	0.348	-0.02 (-0.07, 0.02)
11699_16	PTP4A2	Q12974	211	-0.010	0.012	0.403	-0.01 (-0.03, 0.01)	0.684	0.177	-0.043	0.025	0.085	-0.04 (-0.09, 0.01)	0.002	0.126	-0.046	0.023	0.047	-0.05 (-0.09, -6.94e-	-0.047	0.025	0.061	-0.05 (-0.10, 1.89e-03)
14286_2	NFATC1	O95644	211	0.011	0.013	0.403	0.01 (-0.01, 0.04)	0.684	0.005	-0.051	0.026	0.051	-0.05 (-0.10, -1.22e-0	0.004	0.006	-0.024	0.021	0.247	-0.02 (-0.06, 0.02)	-0.019	0.023	0.403	-0.02 (-0.06, 0.03)
7786_83	CLEC2B	Q92478	211	0.010	0.012	0.403	0.01 (-0.01, 0.03)	0.684	0.060	-0.051	0.024	0.037	-0.05 (-0.10, -3.47e-0	0.004	0.004	-0.027	0.022	0.217	-0.03 (-0.07, 0.02)	-0.009	0.025	0.713	-0.01 (-0.06, 0.04)
12445_50	ANKRD27	Q96NW4	211	0.010	0.012	0.403	0.01 (-0.01, 0.03)	0.684	0.139	-0.027	0.024	0.271	-0.03 (-0.07, 0.02)	0.002	0.083	-0.011	0.022	0.627	-0.01 (-0.05, 0.03)	-0.009	0.023	0.705	-0.01 (-0.05, 0.04)
13062_4	GMFG	O60234	211	-0.010	0.012	0.403	-0.01 (-0.03, 0.01)	0.684	0.201	-0.036	0.024	0.139	-0.04 (-0.08, 0.01)	0.002	0.213	-0.035	0.022	0.113	-0.03 (-0.08, 0.01)	-0.026	0.022	0.242	-0.03 (-0.07, 0.02)
10616_67	PODXL2	Q9NZ53	211	0.010	0.012	0.404	0.01 (-0.01, 0.03)	0.685	0.034	0.008	0.025	0.753	0.01 (-0.04, 0.06)	0.000	0.904	-0.017	0.020	0.386	-0.02 (-0.06, 0.02)	-0.022	0.028	0.418	-0.02 (-0.08, 0.03)
17734_13	ENSA	O43768	211	-0.010	0.012	0.404	-0.01 (-0.03, 0.01)	0.685	0.091	-0.025	0.025	0.315	-0.03 (-0.07, 0.02)	0.001	0.479	-0.019	0.025	0.446	-0.02 (-0.07, 0.03)	-0.006	0.025	0.794	-0.01 (-0.06, 0.04)
5018_68	PRDX6	P30041	211	-0.011	0.013	0.404	-0.01 (-0.04, 0.01)	0.685	0.045	-0.039	0.026	0.130	-0.04 (-0.09, 0.01)	0.002	0.205	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	-0.054	0.026	0.037	-0.05 (-0.10, -3.68e-03)
5012_67	AK1	P00568	211	-0.011	0.014	0.405	-0.01 (-0.04, 0.02)	0.685	0.003	-0.040	0.027	0.139	-0.04 (-0.09, 0.01)	0.002	0.220	-0.034	0.023	0.130	-0.03 (-0.08, 0.01)	-0.037	0.025	0.137	-0.04 (-0.09, 0.01)
11242_33	TGM1	P22735	211	0.010	0.012	0.405	0.01 (-0.01, 0.03)	0.685	0.725	-0.009	0.023	0.690	-0.01 (-0.05, 0.04)	0.001	0.342	-0.008	0.022	0.709	-0.01 (-0.05, 0.03)	-0.013	0.023	0.581	-0.01 (-0.06, 0.03)
17799_9	PGLS	O95336	211	-0.010	0.012	0.405	-0.01 (-0.03, 0.01)	0.685	0.106	-0.037	0.025	0.144	-0.04 (-0.09, 0.01)	0.002	0.217	-0.037	0.023	0.115	-0.04 (-0.08, 0.01)	-0.035	0.024	0.142	-0.03 (-0.08, 0.01)
6382_17	MANBA	O00462	211	-0.034	0.041	0.405	-0.03 (-0.11, 0.05)	0.685	0.00E+00	0.029	0.082	0.719	0.03 (-0.13, 0.19)	-0.004	0.368	-0.027	0.022	0.226	-0.03 (-0.07, 0.02)	-0.018	0.026	0.485	-0.02 (-0.07, 0.03)
6364_7	TAPBPL	Q9BX59	211	0.007	0.009	0.405	0.01 (-0.01, 0.02)	0.686	0.517	-0.004	0.018	0.817	-4.06e-03 (-0.04, 0.03	0.001	0.452	-0.004	0.015	0.787	-3.98e-03 (-0.03, 0.0	-0.002	0.019	0.926	-1.78e-03 (-0.04, 0.04)
5021_13	PPA1	Q15181	211	0.010	0.012	0.406	0.01 (-0.01, 0.03)	0.686	0.104	-0.031	0.025	0.217	-0.03 (-0.08, 0.02)	0.003	0.059	-0.009	0.021	0.663	-0.01 (-0.05, 0.03)	-0.016	0.024	0.502	-0.02 (-0.06, 0.03)
5532_53	FGFR1	P11362	211	-0.012	0.014	0.406	-0.01 (-0.04, 0.02)	0.686	1.29E-04	0.037	0.028	0.194	0.04 (-0.02, 0.09)	-0.003	0.047	0.006	0.021	0.777	0.01 (-0.04, 0.05)	0.013	0.026	0.614	0.01 (-0.04, 0.06)
5687_5	PRKCSH	P14314	211	-0.010	0.012	0.406	-0.01 (-0.03, 0.01)	0.686	0.074	-0.046	0.025	0.064	-0.05 (-0.09, 2.43e-03	0.002	0.091	-0.042	0.023	0.068	-0.04 (-0.09, 3.14e-	-0.038	0.025	0.130	-0.04 (-0.09, 0.01)
9049_2	SLC16A3	O15427	211	0.010	0.012	0.406	0.01 (-0.01, 0.03)	0.686	0.292	-0.032	0.023	0.169	-0.03 (-0.08, 0.01)	0.003	0.039	-0.009	0.024	0.716	-0.01 (-0.06, 0.04)	-0.010	0.025	0.683	-0.01 (-0.06, 0.04)
14094_29	HBEGF	Q99075	211	-0.014	0.017	0.406	-0.01 (-0.05, 0.02)	0.686	1.12E-12	-0.035	0.033	0.298	-0.03 (-0.10, 0.03)	0.001	0.469	-0.035	0.025	0.156	-0.04 (-0.08, 0.01)	-0.039	0.024	0.104	-0.04 (-0.09, 0.01)
5007_1	MAPK14	Q16539	211	-0.010	0.012	0.407	-0.01 (-0.03, 0.01)	0.686	0.320	-0.028	0.024	0.248	-0.03 (-0.08, 0.02)	0.001	0.387	-0.036	0.023	0.117	-0.04 (-0.08, 0.01)	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)
10569_28	MFAP2	P55001	211	0.011	0.013	0.407	0.01 (-0.02, 0.04)	0.686	0.018	-0.036	0.026	0.174	-0.04 (-0.09, 0.02)	0.003	0.040	0.005	0.023	0.841	4.52e-03 (-0.04, 0.0	0.001	0.025	0.960	1.26e-03 (-0.05, 0.05)
12415_122	EDF1	O60869	211	0.011	0.013	0.407	0.01 (-0.01, 0.04)	0.686	0.013	-0.060	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.001	-0.021	0.022	0.337	-0.02 (-0.06, 0.02)	-0.014	0.024	0.570	-0.01 (-0.06, 0.03)
4840_73	CSF3	P09919	211	0.011	0.013	0.407	0.01 (-0.02, 0.04)	0.686	0.004	-0.012	0.027	0.646	-0.01 (-0.06, 0.04)	0.001	0.314	0.017	0.025	0.497	0.02 (-0.03, 0.06)	0.009	0.024	0.701	0.01 (-0.04, 0.06)
12014_19	PTS	Q03393	211	-0.010	0.012	0.408	-0.01 (-0.03, 0.01)	0.687	0.539	-0.050	0.023	0.031	-0.05 (-0.10, -4.74e-0	0.003	0.044	-0.037	0.023	0.101	-0.04 (-0.08, 0.01)	-0.029	0.024	0.220	-0.03 (-0.08, 0.02)
7926_13	SPINT3	P49223	211	0.010	0.012	0.408	0.01 (-0.01, 0.03)	0.687	0.188	-0.029	0.024	0.221	-0.03 (-0.08, 0.02)	0.002	0.061	-0.019	0.024	0.414	-0.02 (-0.07, 0.03)	-0.020	0.025	0.435	-0.02 (-0.07, 0.03)
14028_22	PIK3C2A	O00443	211	0.011	0.013	0.408	0.01 (-0.01, 0.04)	0.688	0.029	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.004	0.002	-0.022	0.023	0.342	-0.02 (-0.07, 0.02)	-0.016	0.023	0.472	-0.02 (-0.06, 0.03)
19612_3	CD81	P60033	211	0.011	0.013	0.409	0.01 (-0.01, 0.04)	0.689	0.010	-0.049	0.025	0.054	-0.05 (-0.10, 5.15e-04	0.004	0.007	-0.017	0.023	0.462	-0.02 (-0.06, 0.03)	-0.014	0.021	0.508	-0.01 (-0.06, 0.03)
5676_54	ASIP	P42127	211	0.015	0.018	0.409	0.01 (-0.02, 0.05)	0.689	2.11E-25	-0.010	0.036	0.784	-0.01 (-0.08, 0.06)	0.002	0.426	-0.015	0.021	0.496	-0.01 (-0.06, 0.03)	-0.016	0.023	0.494	-0.02 (-0.06, 0.03)
7850_1	COX4I2	Q96KJ9	211	0.011	0.014	0.409	0.01 (-0.02, 0.04)	0.689	0.003	-0.061	0.026	0.022	-0.06 (-0.11, -0.01)	0.004	0.002	-0.004	0.022	0.869	-3.56e-03 (-0.05, 0.0	0.003	0.024	0.892	3.28e-03 (-0.04, 0.05)
8948_13	ADAM19	Q9H013	211	0.009	0.011	0.409	0.01 (-0.01, 0.03)	0.689	0.233	-0.026	0.023	0.262	-0.03 (-0.07, 0.02)	0.002	0.078	-0.019	0.018	0.294	-0.02 (-0.06, 0.02)	-0.030	0.024	0.224	-0.03 (-0.08, 0.02)
7207_4	IK	Q13123	211	0.010	0.012	0.410	0.01 (-0.01, 0.03)	0.689	0.374	-0.043	0.023	0.064	-0.04 (-0.09, 2.24e-03	0.003	0.009	-0.021	0.021	0.304	-0.02 (-0.06, 0.02)	-0.018	0.023	0.427	-0.02 (-0.06, 0.03)
12332_7	EEF2K	O00418	211	-0.016	0.020	0.410	-0.02 (-0.05, 0.02)	0.689	7.58E-36	-0.043	0.039	0.275	-0.04 (-0.12, 0.03)	0.002	0.432	-0.003	0.026	0.906	-3.03e-03 (-0.05, 0.0	-0.019	0.026	0.469	-0.02 (-0.07, 0.03)
4420_7	ADAM12	O43184	211	0.010	0.012	0.410	0.01 (-0.01, 0.03)	0.689	0.408	-0.028	0.023	0.225	-0.03 (-0.07, 0.02)	0.002	0.060	-0.011	0.022	0.619	-0.01 (-0.05, 0.03)	-0.009	0.025	0.700	-0.01 (-0.06, 0.04)
9044_1	CNTNAP5	Q8WYK1	211	0.010	0.012	0.410	0.01 (-0.01, 0.03)	0.689	0.088	-0.035	0.024	0.152	-0.04 (-0.08, 0.01)	0.003	0.035	-0.018	0.022	0.408	-0.02 (-0.06, 0.03)	-0.009	0.023	0.687	-0.01 (-0.06, 0.04)
9361_7	PCDHAC2	Q9Y5I4	211	0.010	0.013	0.410	0.01 (-0.01, 0.04)	0.689	0.043	-0.030	0.025	0.231	-0.03 (-0.08, 0.02)	0.003	0.062	-0.008	0.019	0.681	-0.01 (-0.05, 0.03)	-0.018	0.024	0.452	-0.02 (-0.07, 0.03)
8913_22	SIGLEC11	Q96RL6	211	0.010	0.012	0.411	0.01 (-0.01, 0.03)	0.689	0.608	-0.039	0.023	0.094	-0.04 (-0.08, 0.01)	0.003	0.016	-0.010	0.024	0.677	-0.01 (-0.06, 0.04)	-0.005	0.024	0.832	-0.01 (-0.05, 0.04)
3453_87	LYN	P07948	211	-0.010	0.012	0.412	-0.01 (-0.03, 0.01)	0.691	0.148	-0.026	0.024	0.279	-0.03 (-0.07, 0.02)	0.001	0.425	-0.027	0.021	0.200	-0.03 (-0.07, 0.01)	-0.027	0.025	0.292	-0.03 (-0.08, 0.02)
6937_251	C1orf43	Q9BWL3	211	0.010	0.013	0.412	0.01 (-0.01, 0.03)	0.691	0.046	-0.042	0.025	0.088	-0.04 (-0.09, 0.01)	0.003	0.014	-0.027	0.019	0.146	-0.03 (-0.06, 0.01)	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)
18317_111	ZFAND5	O76080	211	0.010	0.012	0.413	0.01 (-0.01, 0.03)	0.692	0.166	-0.043	0.024	0.076	-0.04 (-0.09, 4.19e-03	0.003	0.012	-0.036	0.019	0.062	-0.04 (-0.07, 1.75e-	-0.045	0.023	0.057	-0.04 (-0.09, 1.17e-03)
3820_68	MAPKAPK2	P49137	211	-0.010	0.012	0.413	-0.01 (-0.03, 0.01)	0.692	0.257	-0.035	0.025	0.156	-0.03 (-0.08, 0.01)	0.002	0.238	-0.041	0.022	0.065	-0.04 (-0.08, 2.55e-	-0.046	0.025	0.070	-0.05 (-0.09, 3.47e-03)
5509_7	EGF	P01133	211	-0.011	0.014	0.413	-0.01 (-0.04, 0.02)	0.692	4.13E-04	-0.015	0.028	0.595	-0.01 (-0.07, 0.04)	0.000	0.889	-0.026	0.023	0.260	-0.03 (-0.07, 0.02)	-0.011	0.023	0.623	-0.01 (-0.06, 0.03)
11969_5	S100A2	P29034	211	0.010	0.012	0.413	0.01 (-0.01, 0.03)	0.692	0.324	-0.029	0.024	0.228	-0.03 (-0.08, 0.02)	0.002	0.064	-0.004	0.023	0.848	-4.50e-03 (-0.05, 0.0	-0.015	0.022	0.491	-0.02 (-0.06, 0.03)
11910_27	DLX4	Q92988	211	-0.011	0.013	0.413	-0.01 (-0.04, 0.01)	0.692	0.021	-0.039	0.026	0.134	-0.04 (-0.09, 0.01)	0.002	0.208	-0.038	0.020	0.059	-0.04 (-0.08, 1.45e-	-0.046	0.025	0.068	-0.05 (-0.10, 3.11e-03)
12646_2	RPE	Q96AT9	211	-0.011	0.013	0.414	-0.01 (-0.04, 0.01)	0.693	0.026	-0.039	0.026	0.132	-0.04 (-0.09, 0.01)	0.002	0.205	-0.051	0.022	0.022	-0.05 (-0.09, -0.01)	-0.054	0.025	0.033	-0.05 (-0.10, -4.55e-03)
16760_2	IL26	Q9NPH9	211	0.013	0.016	0.414	0.01 (-0.02, 0.04)	0.693	9.98E-25	-0.022	0.031	0.476	-0.02 (-0.08, 0.04)	0.002	0.193	0.017	0.021	0.417	0.02 (-0.02, 0.06)	0.013	0.019	0.506	0.01 (-0.03, 0.05)
8462_18	GH1	P01241	211	0.010	0.013	0.414	0.01 (-0.01, 0.04)	0.693	0.027	-0.006	0.025	0.816	-0.01 (-0.06, 0.04)	0.001	0.457	0.004	0.022	0.838	4.47e-03 (-0.04, 0.0	0.006	0.024	0.804	0.01 (-0.04, 0.05)
13073_14	ANP32A	P39687	211	0.011	0.013	0.415	0.01 (-0.01, 0.04)	0.694	0.021	-0.053	0.025	0.037	-0.05 (-0.10, -3.63e-0	0.004	0.004	-0.026	0.022	0.244	-0.03 (-0.07, 0.02)	-0.022	0.023	0.351	-0.02 (-0.07, 0.02)
3394_81	PLK1	P53350	211	0.010	0.013	0.415	0.01 (-0.01, 0.03)	0.694	0.047	-0.041	0.025	0.095	-0.04 (-0.09, 0.01)	0.003	0.016	-0.011	0.022	0.632	-0.01 (-0.05, 0.03)	-0.008	0.024	0.756	-0.01 (-0.05, 0.04)
12363_70	TRIB2	Q92519	211	0.010	0.012	0.416	0.01 (-0.01, 0.03)	0.695	0.118	-0.045	0.024	0.064	-0.05 (-0.09, 2.41e-03	0.003	0.010	-0.012	0.020	0.555	-0.01 (-0.05, 0.03)	-0.016	0.024	0.495	-0.02 (-0.06, 0.03)
18177_49	NAE1	Q13564	211	0.011	0.013	0.416	0.01 (-0.02, 0.04)	0.695	0.006	-0.054	0.026	0.039	-0.05 (-0.10, -3.12e-0	0.004	0.004	-0.014	0.022	0.538	-0.01 (-0.06, 0.03)	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)
18310_26	SEPW1	P63302	211	-0.011	0.013	0.416	-0.01 (-0.04, 0.02)	0.695	0.006	-0.039	0.027	0.146	-0.04 (-0.09, 0.01)	0.002	0.227	-0.025	0.023	0.265	-0.03 (-0.07, 0.02)	-0.014	0.025	0.584	-0.01 (-0.06, 0.04)
14324_52	SMC3	Q9UQE7	211	-0.011	0.013	0.416	-0.01 (-0.04, 0.02)	0.695	0.014	-0.076	0.026	0.003	-0.08 (-0.13, -0.03)	0.004	0.004	-0.030	0.020	0.133	-0.03 (-0.07, 0.01)	-0.064	0.025	0.011	-0.06 (-0.11, -0.02)
7898_29	MDM1	Q8TC05	211	0.010	0.013	0.416	0.01 (-0.01, 0.03)	0.695	0.029	-0.035	0.025	0.165	-0.03 (-0.08, 0.01)	0.003	0.038	-0.004	0.020	0.838	-4.03e-03 (-0.04, 0.0	-0.009	0.025	0.722	-0.01 (-0.06, 0.04)
7955_195	ITIH1	P19827	211	0.012	0.014	0.417	0.01 (-0.02, 0.04)	0.695	4.40E-07	-0.006	0.028	0.822	-0.01 (-0.06, 0.05)	0.001	0.464	0.037	0.022	0.097	0.04 (-0.01, 0.08)	0.030	0.022	0.183	0.03 (-0.01, 0.07)
8093_13	KIAA1161	Q6NSJ0	211	0.009	0.011	0.417	0.01 (-0.01, 0.03)	0.695	0.125	-0.015	0.024	0.526	-0.02 (-0.06, 0.03)	0.002	0.238	0.024	0.022	0.268	0.02 (-0.02, 0.07)	0.010	0.025	0.692	0.01 (-0.04, 0.06)
8367_142	VSIG1	Q86XK7	211	0.010	0.013	0.418	0.01 (-0.01, 0.04)	0.697	0.012	-0.043	0.025	0.093	-0.04 (-0.09, 0.01)	0.003	0.016	-0.028	0.022	0.190	-0.03 (-0.07, 0.01)	-0.025	0.023	0.289	-0.02 (-0.07, 0.02)
9841_197	PAICS	P22234	211	0.009	0.012	0.418	0.01 (-0.01, 0.03)	0.697	0.156	-0.052	0.024	0.029	-0.05 (-0.10, -0.01)	0.004	0.003	-0.033	0.021	0.112	-0.03 (-0.07, 0.01)	-0.035	0.024	0.143	-0.03 (-0.08, 0.01)
11302_237	TNR	Q92752	211	0.010	0.012	0.419	0.01 (-0.01, 0.03)	0.698	0.195	-0.014	0.025	0.570	-0.01 (-0.06, 0.03)	0.001	0.267	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)	-0.003	0.024	0.898	-3.08e-03 (-0.05, 0.04)
12838_28	DUSP15	Q9H1R2	211	0.009	0.012	0.420	0.01 (-0.01, 0.03)	0.698	0.208	-0.034	0.024	0.153	-0.03 (-0.08, 0.01)	0.003	0.035	-0.015	0.023	0.524	-0.01 (-0.06, 0.03)	-0.016	0.024	0.508	-0.02 (-0.06, 0.03)
14095_1	KLRK1	P26718	211	0.009	0.012	0.419	0.01 (-0.01, 0.03)	0.698	0.424	-0.055	0.023	0.018	-0.06 (-0.10, -0.01)	0.004	0.001	-0.033	0.020	0.099	-0.03 (-0.07, 0.01)	-0.029	0.024	0.223	-0.03 (-0.08, 0.02)
17210_2	TCL1A	P56279	211	0.011	0.013	0.419	0.01 (-0.02, 0.04)	0.698	0.038	-0.047	0.026	0.070	-0.05 (-0.10, 3.61e-03	0.004	0.010	-0.003	0.020	0.898	-2.60e-03 (-0.04, 0.0	-0.028	0.025	0.258	-0.03 (-0.08, 0.02)
17772_7	UBD	O15205	211	0.010	0.013	0.420	0.01 (-0.01, 0.04)	0.698	0.036	-0.056	0.025	0.026	-0.06 (-0.10, -0.01)	0.004	0.002	-0.020	0.023	0.379	-0.02 (-0.06, 0.02)	-0.014	0.025	0.562	-0.01 (-0.06, 0.03)
18175_65	VAT1	Q99536	211	-0.011	0.013	0.420	-0.01 (-0.04, 0.02)	0.698	0.020	-0.065	0.026	0.013	-0.07 (-0.12, -0.01)	0.003	0.017	-0.037	0.024	0.117	-0.04 (-0.08, 0.01)	-0.029	0.024	0.227	-0.03 (-0.08, 0.02)
3351_1	CAMK2B	Q13554	211	-0.011	0.013	0.420	-0.01 (-0.04, 0.02)	0.698	0.003	-0.039	0.026	0.141	-0.04 (-0.09, 0.01)	0.002	0.217	-0.020	0.021	0.344	-0.02 (-0.06, 0.02)	-0.008	0.025	0.762	-0.01 (-0.06, 0.04)
3423_59	CMA1	P23946	211	-0.010	0.012	0.419	-0.01 (-0.03, 0.01)	0.698	0.268	-0.072	0.024	0.003	-0.07 (-0.12, -0.03)	0.004	0.003	-0.029	0.021	0.157	-0.03 (-0.07, 0.01)	-0.032	0.024	0.175	-0.03 (-0.08, 0.01)
9764_79	HNRNPF	P52597	211	-0.011	0.013	0.420	-0.01 (-0.04, 0.02)	0.698	0.017	-0.057	0.026	0.028	-0.06 (-0.11, -0.01)	0.003	0.038	-0.036	0.020	0.066	-0.04 (-0.08, 2.47e-	-0.065	0.027	0.016	-0.06 (-0.12, -0.01)
6431_68	PCYOX1	Q9UHG3	211	0.014	0.018	0.420	0.01 (-0.02, 0.05)	0.698	2.76E-19	-0.004	0.035	0.902	-4.32e-03 (-0.07, 0.06	0.001	0.541	0.026	0.024	0.284	0.03 (-0.02, 0.07)	0.040	0.024	0.103	0.04 (-0.01, 0.09)
5254_69	PDE3A	Q14432	211	0.010	0.013	0.420	0.01 (-0.01, 0.04)	0.698	0.025	-0.030	0.025	0.240	-0.03 (-0.08, 0.02)	0.003	0.067	-0.002	0.019	0.903	-2.34e-03 (-0.04, 0.0	-0.015	0.025	0.555	-0.01 (-0.06, 0.03)
5301_7	CCL11	P51671	211	0.011	0.014	0.420	0.01 (-0.02, 0.04)	0.698	0.002	0.014	0.027	0.610	0.01 (-0.04, 0.07)	0.000	0.903	0.021	0.025	0.393	0.02 (-0.03, 0.07)	0.006	0.025	0.804	0.01 (-0.04, 0.06)
5734_13	PVRL4	Q96NY8	211	0.010	0.013	0.421	0.01 (-0.01, 0.04)	0.698	0.029	-0.040	0.025	0.105	-0.04 (-0.09, 0.01)	0.003	0.019	-0.007	0.019	0.716	-0.01 (-0.05, 0.03)	-0.030	0.024	0.212	-0.03 (-0.08, 0.02)
2278_61	TIMP2	P16035	211	-0.013	0.016	0.421	-0.01 (-0.04, 0.02)	0.698	4.42E-10	0.032	0.032	0.318	0.03 (-0.03, 0.09)	-0.003	0.104	0.009	0.026	0.724	0.01 (-0.04, 0.06)	0.020	0.025	0.430	0.02 (-0.03, 0.07)
5918_5	PSME1	Q06323	211	0.013	0.016	0.421	0.01 (-0.02, 0.04)	0.698	2.35E-10	-0.017	0.031	0.581	-0.02 (-0.08, 0.04)	0.002	0.268	-0.033	0.021	0.112	-0.03 (-0.07, 0.01)	-0.029	0.021	0.175	-0.03 (-0.07, 0.01)
13975_56	PPFIA1	Q13136	211	-0.009	0.012	0.421	-0.01 (-0.03, 0.01)	0.698	0.051	-0.046	0.025	0.065	-0.05 (-0.10, 2.59e-03	0.002	0.088	-0.038	0.023	0.098	-0.04 (-0.08, 0.01)	-0.031	0.023	0.189	-0.03 (-0.08, 0.01)
6395_58	GPHA2	Q96T91	211	0.011	0.013	0.422	0.01 (-0.02, 0.04)	0.699	0.005	-0.045	0.026	0.083	-0.05 (-0.10, 0.01)	0.004	0.014	-0.001	0.023	0.959	-1.20e-03 (-0.05, 0.0	0.005	0.022	0.824	4.94e-03 (-0.04, 0.05)
13609_11	GTF2I	P78347	211	0.009	0.012	0.423	0.01 (-0.01, 0.03)	0.700	0.107	-0.048	0.024	0.049	-0.05 (-0.09, -4.09e-0	0.004	0.007	-0.021	0.021	0.321	-0.02 (-0.06, 0.02)	-0.019	0.024	0.434	-0.02 (-0.07, 0.03)
17405_2	UCHL5	Q9Y5K5	211	-0.010	0.013	0.423	-0.01 (-0.04, 0.01)	0.700	0.034	-0.045	0.025	0.073	-0.05 (-0.09, 4.03e-03	0.002	0.108	-0.045	0.019	0.021	-0.04 (-0.08, -0.01)	-0.047	0.024	0.056	-0.05 (-0.09, 8.51e-04)
12747_89	RBM3	P98179	211	-0.010	0.013	0.424	-0.01 (-0.04, 0.02)	0.701	0.037	-0.054	0.026	0.036	-0.05 (-0.10, -3.78e-0	0.003	0.050	-0.061	0.020	0.002	-0.06 (-0.10, -0.02)	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)
5264_65	CALR	P27797	211	0.009	0.011	0.424	0.01 (-0.01, 0.03)	0.701	0.685	-0.049	0.023	0.032	-0.05 (-0.09, -4.57e-0	0.004	0.003	-0.033	0.020	0.093	-0.03 (-0.07, 0.01)	-0.038	0.022	0.087	-0.04 (-0.08, 0.01)
5689_1	DEFB112	Q30KQ8	211	-0.009	0.012	0.424	-0.01 (-0.03, 0.01)	0.701	0.393	0.002	0.024	0.949	1.53e-03 (-0.05, 0.05)	-0.001	0.593	-0.010	0.025	0.684	-0.01 (-0.06, 0.04)	-0.013	0.026	0.610	-0.01 (-0.06, 0.04)
2730_58	MICA	Q29983	211	0.014	0.018	0.424	0.01 (-0.02, 0.05)	0.701	5.31E-58	-0.003	0.036	0.926	-3.31e-03 (-0.07, 0.07	0.001	0.564	0.016	0.019	0.420	0.02 (-0.02, 0.05)	0.019	0.020	0.344	0.02 (-0.02, 0.06)
9894_13	MYO6	Q9UM54	211	0.009	0.012	0.424	0.01 (-0.01, 0.03)	0.701	0.227	-0.027	0.024	0.268	-0.03 (-0.07, 0.02)	0.002	0.084	-0.029	0.020	0.155	-0.03 (-0.07, 0.01)	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)
7194_36	NPTN	Q9Y639	211	-0.010	0.012	0.425	-0.01 (-0.03, 0.01)	0.702	0.074	0.045	0.025	0.076	0.05 (-4.39e-03, 0.09)	-0.003	0.013	0.013	0.023	0.580	0.01 (-0.03, 0.06)	0.008	0.027	0.771	0.01 (-0.04, 0.06)
2781_63	CCL4L1	Q8NHW4	211	0.010	0.013	0.425	0.01 (-0.01, 0.03)	0.702	0.024	-0.035	0.025	0.159	-0.04 (-0.08, 0.01)	0.003	0.036	-0.008	0.024	0.751	-0.01 (-0.05, 0.04)	-0.005	0.023	0.824	-0.01 (-0.05, 0.04)
4155_3	TNC	P24821	211	-0.010	0.012	0.425	-0.01 (-0.03, 0.01)	0.702	0.012	-0.007	0.025	0.769	-0.01 (-0.06, 0.04)	0.000	0.901	-0.004	0.024	0.865	-4.02e-03 (-0.05, 0.0	0.001	0.022	0.972	7.88e-04 (-0.04, 0.04)
4548_4	FUT3	P21217	211	0.010	0.013	0.425	0.01 (-0.01, 0.03)	0.702	0.936	-0.032	0.025	0.206	-0.03 (-0.08, 0.02)	0.003	0.055	-0.019	0.020	0.343	-0.02 (-0.06, 0.02)	-0.024	0.024	0.332	-0.02 (-0.07, 0.02)
7108_7	SMIM24	O75264	211	0.009	0.012	0.425	0.01 (-0.01, 0.03)	0.702	0.463	-0.036	0.023	0.114	-0.04 (-0.08, 0.01)	0.003	0.022	-0.028	0.019	0.139	-0.03 (-0.07, 0.01)	-0.036	0.024	0.139	-0.04 (-0.08, 0.01)
8427_118	RSPO3	Q9BXY4	211	-0.009	0.012	0.425	-0.01 (-0.03, 0.01)	0.702	0.070	-0.040	0.025	0.108	-0.04 (-0.09, 0.01)	0.002	0.153	-0.032	0.024	0.173	-0.03 (-0.08, 0.01)	-0.029	0.023	0.213	-0.03 (-0.07, 0.02)
12374_8	PAFAH1B3	Q15102	211	-0.011	0.013	0.426	-0.01 (-0.04, 0.02)	0.702	0.005	-0.029	0.027	0.279	-0.03 (-0.08, 0.02)	0.001	0.429	-0.034	0.023	0.150	-0.03 (-0.08, 0.01)	-0.029	0.025	0.245	-0.03 (-0.08, 0.02)
11513_92	CD38	P28907	211	0.009	0.012	0.426	0.01 (-0.01, 0.03)	0.702	0.115	-0.035	0.025	0.170	-0.03 (-0.08, 0.01)	0.003	0.045	0.000	0.023	1.000	0.00e+00 (-0.05, 0.0	0.010	0.024	0.668	0.01 (-0.04, 0.06)
3628_3	MAP2K2	P36507	211	0.010	0.012	0.426	0.01 (-0.01, 0.03)	0.702	0.152	-0.012	0.025	0.650	-0.01 (-0.06, 0.04)	0.001	0.335	-0.004	0.025	0.863	-4.35e-03 (-0.05, 0.0	-0.007	0.024	0.769	-0.01 (-0.05, 0.04)
7854_38	NCR3LG1	Q68D85	211	0.009	0.012	0.426	0.01 (-0.01, 0.03)	0.702	0.093	-0.028	0.024	0.251	-0.03 (-0.08, 0.02)	0.002	0.077	-0.002	0.024	0.916	-2.48e-03 (-0.05, 0.0	0.000	0.023	0.995	1.58e-04 (-0.05, 0.05)
13547_5	HTR7	P34969	211	0.009	0.011	0.427	0.01 (-0.01, 0.03)	0.703	0.242	-0.027	0.023	0.248	-0.03 (-0.07, 0.02)	0.002	0.075	-0.020	0.023	0.377	-0.02 (-0.06, 0.02)	-0.018	0.022	0.415	-0.02 (-0.06, 0.03)
15312_14	AGO1	Q9UL18	211	-0.010	0.013	0.427	-0.01 (-0.04, 0.02)	0.703	0.033	-0.046	0.025	0.070	-0.05 (-0.10, 3.53e-03	0.002	0.102	-0.044	0.021	0.035	-0.04 (-0.09, -3.16e-	-0.048	0.024	0.043	-0.05 (-0.09, -1.86e-03)
5909_51	NME1	P15531	211	-0.010	0.013	0.427	-0.01 (-0.04, 0.02)	0.703	0.009	-0.031	0.026	0.228	-0.03 (-0.08, 0.02)	0.001	0.351	-0.029	0.021	0.167	-0.03 (-0.07, 0.01)	-0.032	0.023	0.158	-0.03 (-0.08, 0.01)
12988_49	EWSR1	Q01844	211	0.011	0.013	0.427	0.01 (-0.02, 0.04)	0.703	0.008	-0.061	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.002	-0.003	0.019	0.852	-3.46e-03 (-0.04, 0.0	-0.022	0.026	0.392	-0.02 (-0.07, 0.03)
12548_75	RRAGC	Q9HB90	211	0.010	0.013	0.428	0.01 (-0.01, 0.04)	0.703	0.009	-0.035	0.025	0.169	-0.03 (-0.08, 0.01)	0.003	0.040	-0.032	0.022	0.145	-0.03 (-0.07, 0.01)	-0.030	0.025	0.229	-0.03 (-0.08, 0.02)
10513_13	KCNIP3	Q9Y2W7	211	-0.009	0.011	0.428	-0.01 (-0.03, 0.01)	0.703	0.417	-0.074	0.023	0.001	-0.07 (-0.12, -0.03)	0.004	0.001	-0.036	0.019	0.058	-0.04 (-0.07, 1.25e-	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)
13434_172	PARVA	Q9NVD7	211	-0.011	0.013	0.429	-0.01 (-0.04, 0.02)	0.705	0.011	-0.042	0.027	0.116	-0.04 (-0.09, 0.01)	0.002	0.173	-0.022	0.021	0.315	-0.02 (-0.06, 0.02)	-0.031	0.025	0.222	-0.03 (-0.08, 0.02)
12756_3	BACH2	Q9BYV9	211	0.010	0.013	0.429	0.01 (-0.01, 0.04)	0.705	0.019	-0.053	0.025	0.036	-0.05 (-0.10, -3.79e-0	0.004	0.004	-0.019	0.024	0.429	-0.02 (-0.07, 0.03)	-0.032	0.023	0.160	-0.03 (-0.08, 0.01)
12562_1	PKN1	Q16512	211	0.009	0.012	0.429	0.01 (-0.01, 0.03)	0.705	0.052	-0.033	0.025	0.195	-0.03 (-0.08, 0.02)	0.003	0.055	-0.014	0.020	0.468	-0.01 (-0.05, 0.02)	-0.032	0.023	0.176	-0.03 (-0.08, 0.01)
11137_43	CSF2RB	P32927	211	0.009	0.012	0.430	0.01 (-0.01, 0.03)	0.706	0.130	-0.049	0.024	0.043	-0.05 (-0.10, -1.79e-0	0.004	0.006	-0.016	0.022	0.474	-0.02 (-0.06, 0.03)	-0.011	0.023	0.632	-0.01 (-0.06, 0.03)
19259_176	EIF2S1	P05198	211	-0.009	0.012	0.430	-0.01 (-0.03, 0.01)	0.706	0.071	-0.055	0.025	0.031	-0.05 (-0.10, -0.01)	0.003	0.039	-0.055	0.021	0.010	-0.06 (-0.10, -0.01)	-0.062	0.025	0.015	-0.06 (-0.11, -0.01)
8065_245	PATE4	P0C8F1	211	0.009	0.012	0.430	0.01 (-0.01, 0.03)	0.706	0.494	-0.026	0.023	0.262	-0.03 (-0.07, 0.02)	0.002	0.079	-0.019	0.021	0.379	-0.02 (-0.06, 0.02)	-0.017	0.022	0.462	-0.02 (-0.06, 0.03)
11365_17	TENM4	Q6N022	211	0.009	0.012	0.431	0.01 (-0.01, 0.03)	0.706	0.140	-0.066	0.024	0.006	-0.07 (-0.11, -0.02)	0.005	3.02E-04	-0.031	0.019	0.104	-0.03 (-0.07, 0.01)	-0.047	0.021	0.023	-0.05 (-0.09, -0.01)
14060_67	NCF4	Q15080	211	0.011	0.013	0.431	0.01 (-0.02, 0.04)	0.706	0.002	-0.062	0.026	0.019	-0.06 (-0.11, -0.01)	0.005	0.002	-0.011	0.023	0.633	-0.01 (-0.05, 0.03)	0.004	0.022	0.853	4.09e-03 (-0.04, 0.05)
3723_1	NPPB	P16860	211	0.009	0.012	0.430	0.01 (-0.01, 0.03)	0.706	0.572	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)	0.003	0.022	-0.026	0.020	0.205	-0.03 (-0.07, 0.01)	-0.012	0.024	0.624	-0.01 (-0.06, 0.04)
9796_4	CEL	P19835	211	0.010	0.012	0.431	0.01 (-0.01, 0.03)	0.706	0.126	-0.041	0.026	0.118	-0.04 (-0.09, 0.01)	0.003	0.025	-0.025	0.024	0.282	-0.03 (-0.07, 0.02)	-0.026	0.025	0.303	-0.03 (-0.07, 0.02)
3399_31	STAB2	Q8WWQ8	211	-0.010	0.013	0.431	-0.01 (-0.04, 0.02)	0.707	0.022	-0.067	0.025	0.009	-0.07 (-0.12, -0.02)	0.004	0.010	-0.024	0.022	0.268	-0.02 (-0.07, 0.02)	-0.012	0.023	0.595	-0.01 (-0.06, 0.03)
9015_1	PRG3	Q9Y2Y8	211	-0.012	0.015	0.431	-0.01 (-0.04, 0.02)	0.707	1.28E-08	-0.009	0.031	0.781	-0.01 (-0.07, 0.05)	0.000	0.892	-0.033	0.023	0.153	-0.03 (-0.08, 0.01)	-0.017	0.027	0.537	-0.02 (-0.07, 0.04)
14713_46	AZU1	P20160	211	0.009	0.012	0.432	0.01 (-0.01, 0.03)	0.707	0.378	-0.040	0.023	0.085	-0.04 (-0.09, 0.01)	0.003	0.015	-0.015	0.021	0.488	-0.01 (-0.06, 0.03)	-0.009	0.023	0.694	-0.01 (-0.06, 0.04)
14273_19	PREP	P48147	211	0.009	0.012	0.433	0.01 (-0.01, 0.03)	0.708	0.089	-0.036	0.025	0.141	-0.04 (-0.08, 0.01)	0.003	0.033	-0.022	0.019	0.254	-0.02 (-0.06, 0.02)	-0.019	0.024	0.441	-0.02 (-0.07, 0.03)
3361_26	CD207	Q9UJ71	211	0.009	0.012	0.432	0.01 (-0.01, 0.03)	0.708	0.509	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)	0.004	0.003	-0.017	0.021	0.411	-0.02 (-0.06, 0.02)	-0.018	0.022	0.418	-0.02 (-0.06, 0.03)
10074_128	BRD2	P25440	211	0.009	0.012	0.434	0.01 (-0.01, 0.03)	0.709	0.091	-0.046	0.024	0.059	-0.05 (-0.09, 1.44e-03	0.003	0.009	-0.001	0.019	0.941	-1.44e-03 (-0.04, 0.0	-0.010	0.022	0.643	-0.01 (-0.05, 0.03)
10885_36	C6orf89	Q6UWU4	211	0.010	0.013	0.434	0.01 (-0.01, 0.03)	0.709	0.034	-0.028	0.025	0.255	-0.03 (-0.08, 0.02)	0.002	0.075	0.001	0.024	0.964	1.09e-03 (-0.05, 0.0	0.002	0.023	0.915	2.42e-03 (-0.04, 0.05)
18928_10	S100Z	Q8WXG8	211	0.010	0.013	0.434	0.01 (-0.01, 0.03)	0.710	0.036	-0.022	0.025	0.375	-0.02 (-0.07, 0.03)	0.002	0.138	-0.014	0.024	0.557	-0.01 (-0.06, 0.03)	-0.018	0.025	0.482	-0.02 (-0.07, 0.03)
13242_134	SHANK3	Q9BYB0	211	0.010	0.013	0.435	0.01 (-0.02, 0.04)	0.710	0.031	-0.018	0.026	0.480	-0.02 (-0.07, 0.03)	0.002	0.203	-0.016	0.022	0.476	-0.02 (-0.06, 0.03)	-0.023	0.025	0.373	-0.02 (-0.07, 0.03)
12459_13	PLEKHA1	Q9HB21	211	0.010	0.013	0.435	0.01 (-0.02, 0.04)	0.710	0.012	-0.026	0.026	0.317	-0.03 (-0.08, 0.03)	0.002	0.108	-0.016	0.024	0.502	-0.02 (-0.06, 0.03)	-0.015	0.022	0.496	-0.01 (-0.06, 0.03)
18186_15	TARS	P26639	211	-0.009	0.012	0.436	-0.01 (-0.03, 0.01)	0.710	0.161	-0.033	0.025	0.185	-0.03 (-0.08, 0.02)	0.001	0.270	-0.045	0.023	0.049	-0.05 (-0.09, -1.31e-	-0.039	0.025	0.118	-0.04 (-0.09, 0.01)
5133_17	TGFBR2	P37173	211	0.009	0.012	0.435	0.01 (-0.01, 0.03)	0.710	0.554	-0.044	0.023	0.057	-0.04 (-0.09, 9.95e-04	0.003	0.008	-0.006	0.025	0.811	-0.01 (-0.05, 0.04)	-0.013	0.023	0.564	-0.01 (-0.06, 0.03)
7779_86	CHST11	Q9NPF2	211	0.011	0.013	0.435	0.01 (-0.02, 0.04)	0.710	0.012	-0.027	0.027	0.303	-0.03 (-0.08, 0.02)	0.002	0.099	-0.011	0.024	0.633	-0.01 (-0.06, 0.03)	0.004	0.025	0.885	3.62e-03 (-0.05, 0.05)
8038_41	NSDHL	Q15738	211	0.010	0.013	0.436	0.01 (-0.02, 0.04)	0.710	0.031	0.002	0.026	0.930	2.27e-03 (-0.05, 0.05)	0.000	0.725	-0.007	0.024	0.762	-0.01 (-0.05, 0.04)	0.002	0.026	0.935	2.08e-03 (-0.05, 0.05)
9971_5	CSMD2	Q7Z408	211	0.010	0.013	0.436	0.01 (-0.02, 0.04)	0.710	0.005	-0.035	0.026	0.179	-0.03 (-0.08, 0.02)	0.003	0.045	-0.001	0.019	0.966	-8.05e-04 (-0.04, 0.0	-0.016	0.024	0.492	-0.02 (-0.06, 0.03)
11433_11	TCTN2	Q96GX1	211	0.009	0.012	0.436	0.01 (-0.01, 0.03)	0.711	0.059	-0.034	0.025	0.180	-0.03 (-0.08, 0.02)	0.003	0.049	-0.020	0.022	0.374	-0.02 (-0.06, 0.02)	-0.012	0.026	0.639	-0.01 (-0.06, 0.04)
19562_8	USP28	Q96RU2	211	0.009	0.012	0.436	0.01 (-0.01, 0.03)	0.711	0.080	-0.037	0.025	0.134	-0.04 (-0.09, 0.01)	0.003	0.031	-0.004	0.020	0.824	-4.40e-03 (-0.04, 0.0	-0.017	0.025	0.501	-0.02 (-0.06, 0.03)
3091_70	AURKA	O14965	211	0.009	0.012	0.436	0.01 (-0.01, 0.03)	0.711	0.255	-0.052	0.024	0.029	-0.05 (-0.10, -0.01)	0.004	0.003	-0.004	0.021	0.837	-4.31e-03 (-0.05, 0.0	-0.010	0.023	0.656	-0.01 (-0.06, 0.04)
5335_73	ANXA6	P08133	211	-0.011	0.014	0.436	-0.01 (-0.04, 0.02)	0.711	0.002	-0.041	0.027	0.131	-0.04 (-0.10, 0.01)	0.002	0.196	-0.033	0.025	0.182	-0.03 (-0.08, 0.02)	-0.034	0.025	0.180	-0.03 (-0.08, 0.02)
13568_30	PSMD4	P55036	211	0.010	0.013	0.437	0.01 (-0.02, 0.04)	0.711	0.012	-0.022	0.025	0.389	-0.02 (-0.07, 0.03)	0.002	0.147	-0.013	0.020	0.512	-0.01 (-0.05, 0.03)	-0.021	0.023	0.365	-0.02 (-0.07, 0.02)
13719_19	PAK4	O96013	211	-0.010	0.013	0.437	-0.01 (-0.04, 0.02)	0.711	0.047	-0.035	0.026	0.178	-0.03 (-0.09, 0.02)	0.002	0.268	-0.049	0.022	0.028	-0.05 (-0.09, -0.01)	-0.055	0.025	0.025	-0.06 (-0.10, -0.01)
9607_39	PRR27	Q6MZM9	211	0.009	0.012	0.437	0.01 (-0.01, 0.03)	0.711	0.084	-0.046	0.025	0.060	-0.05 (-0.09, 1.67e-03	0.003	0.009	-0.012	0.020	0.542	-0.01 (-0.05, 0.03)	-0.011	0.026	0.681	-0.01 (-0.06, 0.04)
12689_56	ARPC1B	O15143	211	-0.009	0.012	0.438	-0.01 (-0.03, 0.01)	0.712	0.349	-0.022	0.024	0.358	-0.02 (-0.07, 0.02)	0.001	0.535	-0.024	0.024	0.327	-0.02 (-0.07, 0.02)	-0.015	0.025	0.550	-0.01 (-0.06, 0.03)
12891_1	MICALL2	Q8IY33	211	0.010	0.013	0.438	0.01 (-0.02, 0.04)	0.712	0.041	-0.052	0.025	0.038	-0.05 (-0.10, -3.26e-0	0.004	0.004	-0.016	0.023	0.494	-0.02 (-0.06, 0.03)	-0.009	0.023	0.688	-0.01 (-0.05, 0.04)
6399_52	DEFB107A	Q8IZN7	211	0.009	0.012	0.438	0.01 (-0.01, 0.03)	0.712	0.113	-0.046	0.024	0.058	-0.05 (-0.09, 1.29e-03	0.003	0.009	-0.015	0.021	0.478	-0.01 (-0.05, 0.03)	-0.016	0.024	0.493	-0.02 (-0.06, 0.03)
11406_82	ACAD8	Q9UKU7	211	0.009	0.012	0.438	0.01 (-0.01, 0.03)	0.712	0.411	-0.047	0.023	0.047	-0.05 (-0.09, -8.79e-0	0.003	0.006	-0.019	0.021	0.360	-0.02 (-0.06, 0.02)	-0.026	0.023	0.266	-0.03 (-0.07, 0.02)
18242_8	SPA17	Q15506	211	0.010	0.013	0.438	0.01 (-0.02, 0.04)	0.712	0.002	-0.013	0.027	0.630	-0.01 (-0.07, 0.04)	0.001	0.311	-0.002	0.024	0.936	-1.95e-03 (-0.05, 0.0	0.012	0.025	0.627	0.01 (-0.04, 0.06)
14136_234	CD93	Q9NPY3	211	-0.011	0.015	0.439	-0.01 (-0.04, 0.02)	0.713	5.86E-05	-0.013	0.029	0.649	-0.01 (-0.07, 0.04)	0.000	0.939	-0.016	0.027	0.546	-0.02 (-0.07, 0.04)	-0.019	0.026	0.476	-0.02 (-0.07, 0.03)
7952_2	VTI1A	Q96AJ9	211	0.009	0.012	0.439	0.01 (-0.01, 0.03)	0.713	0.109	-0.022	0.024	0.372	-0.02 (-0.07, 0.03)	0.002	0.145	-0.040	0.019	0.036	-0.04 (-0.08, -2.49e-	-0.047	0.024	0.050	-0.05 (-0.09, -2.74e-04)
7736_28	OPALIN	Q96PE5	211	0.010	0.013	0.439	0.01 (-0.02, 0.03)	0.713	0.037	-0.044	0.025	0.081	-0.04 (-0.09, 0.01)	0.003	0.014	-0.024	0.019	0.220	-0.02 (-0.06, 0.01)	-0.022	0.021	0.296	-0.02 (-0.06, 0.02)
3170_6	METAP2	P50579	211	-0.010	0.013	0.440	-0.01 (-0.04, 0.02)	0.713	0.020	-0.047	0.026	0.074	-0.05 (-0.10, 4.29e-03	0.002	0.105	-0.048	0.021	0.023	-0.05 (-0.09, -0.01)	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)
9877_28	CRKL	P46109	211	-0.009	0.012	0.440	-0.01 (-0.03, 0.01)	0.713	0.089	-0.041	0.025	0.101	-0.04 (-0.09, 0.01)	0.002	0.140	-0.054	0.021	0.009	-0.05 (-0.09, -0.01)	-0.062	0.025	0.014	-0.06 (-0.11, -0.01)
10043_31	BRD4	O60885	211	0.009	0.012	0.442	0.01 (-0.01, 0.03)	0.714	0.658	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)	0.003	0.015	0.001	0.020	0.973	6.69e-04 (-0.04, 0.0	-0.005	0.021	0.807	-0.01 (-0.05, 0.04)
10574_10	B2M	P61769	211	0.010	0.013	0.442	0.01 (-0.02, 0.04)	0.714	0.025	-0.043	0.026	0.095	-0.04 (-0.09, 0.01)	0.003	0.017	-0.015	0.022	0.509	-0.01 (-0.06, 0.03)	-0.008	0.023	0.716	-0.01 (-0.05, 0.04)
10630_5	HTATIP2	Q9BUP3	211	0.009	0.012	0.441	0.01 (-0.01, 0.03)	0.714	0.464	-0.020	0.024	0.399	-0.02 (-0.07, 0.03)	0.002	0.156	-0.019	0.023	0.399	-0.02 (-0.06, 0.03)	-0.012	0.024	0.629	-0.01 (-0.06, 0.04)
10953_14	CLEC2A	Q6UVW9	211	0.010	0.013	0.440	0.01 (-0.02, 0.04)	0.714	0.033	-0.068	0.025	0.007	-0.07 (-0.12, -0.02)	0.005	3.52E-04	-0.009	0.020	0.632	-0.01 (-0.05, 0.03)	-0.059	0.025	0.017	-0.06 (-0.11, -0.01)
11164_7	TENM2	Q9NT68	211	0.009	0.012	0.441	0.01 (-0.01, 0.03)	0.714	0.085	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.001	-0.016	0.022	0.462	-0.02 (-0.06, 0.03)	-0.021	0.025	0.408	-0.02 (-0.07, 0.03)
11319_106	MRE11A	P49959	211	-0.009	0.012	0.442	-0.01 (-0.03, 0.01)	0.714	0.296	-0.058	0.024	0.015	-0.06 (-0.10, -0.01)	0.003	0.018	-0.039	0.021	0.063	-0.04 (-0.08, 2.10e-	-0.047	0.026	0.068	-0.05 (-0.10, 3.27e-03)
11530_37	HMBS	P08397	211	0.010	0.013	0.442	0.01 (-0.02, 0.04)	0.714	0.004	-0.027	0.027	0.308	-0.03 (-0.08, 0.02)	0.002	0.104	-0.009	0.020	0.659	-0.01 (-0.05, 0.03)	-0.025	0.026	0.343	-0.02 (-0.08, 0.03)
13960_15	AGAP3	Q96P47	211	0.010	0.013	0.440	0.01 (-0.02, 0.04)	0.714	0.007	-0.043	0.026	0.090	-0.04 (-0.09, 0.01)	0.003	0.016	-0.006	0.019	0.730	-0.01 (-0.04, 0.03)	-0.020	0.022	0.358	-0.02 (-0.06, 0.02)
16591_71	CHIA	Q9BZP6	211	0.009	0.012	0.441	0.01 (-0.01, 0.03)	0.714	0.062	-0.049	0.025	0.046	-0.05 (-0.10, -1.12e-0	0.004	0.007	-0.018	0.022	0.409	-0.02 (-0.06, 0.03)	-0.013	0.023	0.573	-0.01 (-0.06, 0.03)
18886_28	DSCAML1	Q8TD84	211	0.009	0.012	0.442	0.01 (-0.01, 0.03)	0.714	0.095	-0.027	0.024	0.262	-0.03 (-0.07, 0.02)	0.002	0.086	-0.033	0.019	0.079	-0.03 (-0.07, 3.88e-	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)
2790_54	PPBP	P02775	211	-0.011	0.014	0.442	-0.01 (-0.04, 0.02)	0.714	4.22E-05	-0.039	0.029	0.170	-0.04 (-0.10, 0.02)	0.002	0.254	-0.039	0.024	0.111	-0.04 (-0.09, 0.01)	-0.037	0.024	0.136	-0.04 (-0.08, 0.01)
5915_58	PEX5	P50542	211	0.009	0.012	0.441	0.01 (-0.01, 0.03)	0.714	0.150	-0.012	0.024	0.604	-0.01 (-0.06, 0.03)	0.001	0.304	-0.025	0.022	0.241	-0.03 (-0.07, 0.02)	-0.023	0.023	0.326	-0.02 (-0.07, 0.02)
9102_28	ZFYVE27	Q5T4F4	211	-0.009	0.012	0.441	-0.01 (-0.03, 0.01)	0.714	0.820	-0.024	0.024	0.313	-0.02 (-0.07, 0.02)	0.001	0.471	-0.027	0.021	0.208	-0.03 (-0.07, 0.01)	-0.032	0.024	0.188	-0.03 (-0.08, 0.02)
9039_47	TOR1AIP1	Q5JTV8	211	0.013	0.017	0.442	0.01 (-0.02, 0.05)	0.714	1.22E-14	-0.015	0.034	0.658	-0.01 (-0.08, 0.05)	0.002	0.338	0.059	0.022	0.008	0.06 (0.02, 0.10)	0.051	0.026	0.052	0.05 (-1.99e-04, 0.10)
12831_21	TESC	Q96BS2	211	-0.009	0.012	0.443	-0.01 (-0.03, 0.01)	0.714	0.160	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)	0.004	0.005	-0.031	0.020	0.115	-0.03 (-0.07, 0.01)	-0.041	0.024	0.079	-0.04 (-0.09, 4.63e-03)
14082_56	TLN2	Q9Y4G6	211	-0.009	0.012	0.443	-0.01 (-0.03, 0.01)	0.714	0.051	-0.029	0.025	0.258	-0.03 (-0.08, 0.02)	0.001	0.371	-0.043	0.023	0.057	-0.04 (-0.09, 1.30e-	-0.050	0.024	0.039	-0.05 (-0.10, -2.78e-03)
12476_50	TIGAR	Q9NQ88	211	0.010	0.013	0.444	0.01 (-0.02, 0.04)	0.715	0.011	-0.052	0.025	0.041	-0.05 (-0.10, -2.54e-0	0.004	0.005	-0.019	0.023	0.421	-0.02 (-0.06, 0.03)	-0.013	0.025	0.598	-0.01 (-0.06, 0.04)
3234_23	CCDC80	Q76M96	211	0.011	0.015	0.444	0.01 (-0.02, 0.04)	0.715	1.03E-06	-0.007	0.030	0.824	-0.01 (-0.06, 0.05)	0.001	0.482	0.005	0.021	0.820	4.82e-03 (-0.04, 0.0	-0.014	0.027	0.590	-0.01 (-0.07, 0.04)
7823_22	ST6GALNA	Q9UJ37	211	0.010	0.014	0.443	0.01 (-0.02, 0.04)	0.715	0.003	-0.067	0.026	0.012	-0.07 (-0.12, -0.02)	0.005	0.001	-0.009	0.022	0.675	-0.01 (-0.05, 0.03)	-0.002	0.025	0.924	-2.34e-03 (-0.05, 0.05)
9443_137	CTSK	P43235	211	0.009	0.011	0.444	0.01 (-0.01, 0.03)	0.715	0.061	0.003	0.024	0.913	2.66e-03 (-0.05, 0.05)	0.000	0.774	-0.018	0.024	0.452	-0.02 (-0.07, 0.03)	-0.020	0.021	0.354	-0.02 (-0.06, 0.02)
15622_13	OPCML	Q14982	211	0.011	0.014	0.444	0.01 (-0.02, 0.04)	0.715	0.001	0.043	0.028	0.125	0.04 (-0.01, 0.10)	-0.002	0.183	0.033	0.023	0.164	0.03 (-0.01, 0.08)	0.034	0.022	0.121	0.03 (-0.01, 0.08)
7130_4	LAIR2	Q6ISS4	211	0.009	0.012	0.444	0.01 (-0.01, 0.03)	0.716	0.109	-0.016	0.024	0.521	-0.02 (-0.06, 0.03)	0.002	0.245	-0.003	0.021	0.885	-3.07e-03 (-0.04, 0.0	-0.011	0.024	0.649	-0.01 (-0.06, 0.04)
16882_27	PHPT1	Q9NRX4	211	-0.010	0.013	0.445	-0.01 (-0.04, 0.02)	0.716	0.007	-0.053	0.026	0.043	-0.05 (-0.10, -1.99e-0	0.003	0.058	-0.036	0.021	0.083	-0.04 (-0.08, 4.77e-	-0.037	0.025	0.144	-0.04 (-0.09, 0.01)
10006_25	ELK1	P19419	211	0.009	0.012	0.446	0.01 (-0.01, 0.03)	0.717	0.056	-0.028	0.025	0.248	-0.03 (-0.08, 0.02)	0.002	0.081	-0.028	0.020	0.152	-0.03 (-0.07, 0.01)	-0.035	0.025	0.166	-0.04 (-0.08, 0.01)
10699_52	LRP1	Q07954	211	-0.009	0.012	0.446	-0.01 (-0.03, 0.01)	0.717	0.234	-0.033	0.024	0.171	-0.03 (-0.08, 0.01)	0.002	0.247	-0.018	0.023	0.428	-0.02 (-0.06, 0.03)	-0.010	0.024	0.665	-0.01 (-0.06, 0.04)
17436_193	CSNK1G2	P78368	211	-0.009	0.012	0.446	-0.01 (-0.03, 0.01)	0.717	0.074	-0.028	0.025	0.268	-0.03 (-0.08, 0.02)	0.001	0.385	-0.025	0.021	0.234	-0.03 (-0.07, 0.02)	-0.036	0.026	0.164	-0.04 (-0.09, 0.01)
18285_6	SVIP	Q8NHG7	211	-0.010	0.013	0.446	-0.01 (-0.04, 0.02)	0.717	0.016	-0.069	0.025	0.008	-0.07 (-0.12, -0.02)	0.004	0.008	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)	-0.035	0.023	0.132	-0.04 (-0.08, 0.01)
4194_26	ANP32B	Q92688	211	-0.010	0.013	0.446	-0.01 (-0.04, 0.02)	0.717	0.003	-0.049	0.026	0.063	-0.05 (-0.10, 2.31e-03	0.002	0.087	-0.034	0.024	0.147	-0.03 (-0.08, 0.01)	-0.029	0.024	0.223	-0.03 (-0.08, 0.02)
14208_3	RBP7	Q96R05	211	-0.011	0.014	0.447	-0.01 (-0.04, 0.02)	0.718	9.42E-05	-0.077	0.027	0.005	-0.08 (-0.13, -0.02)	0.004	0.006	-0.036	0.023	0.117	-0.04 (-0.08, 0.01)	-0.028	0.024	0.250	-0.03 (-0.07, 0.02)
19131_184	TIAL1	Q01085	211	-0.009	0.012	0.447	-0.01 (-0.03, 0.01)	0.718	0.162	-0.043	0.024	0.079	-0.04 (-0.09, 4.82e-03	0.002	0.108	-0.041	0.022	0.058	-0.04 (-0.08, 1.40e-	-0.046	0.025	0.064	-0.05 (-0.10, 2.40e-03)
14112_40	RELT	Q969Z4	211	0.009	0.012	0.448	0.01 (-0.01, 0.03)	0.719	0.088	-0.072	0.024	0.003	-0.07 (-0.12, -0.02)	0.005	1.39E-04	-0.013	0.019	0.509	-0.01 (-0.05, 0.02)	-0.017	0.023	0.453	-0.02 (-0.06, 0.03)
12392_30	ARL1	P40616	211	0.015	0.019	0.449	0.01 (-0.02, 0.05)	0.720	7.30E-32	-0.026	0.038	0.495	-0.03 (-0.10, 0.05)	0.003	0.219	-0.036	0.022	0.099	-0.04 (-0.08, 0.01)	-0.031	0.024	0.184	-0.03 (-0.08, 0.01)
19383_131	CINP	Q9BW66	211	-0.010	0.013	0.449	-0.01 (-0.03, 0.02)	0.720	0.028	-0.006	0.025	0.817	-0.01 (-0.06, 0.04)	0.000	0.863	-0.019	0.024	0.434	-0.02 (-0.07, 0.03)	-0.034	0.024	0.148	-0.03 (-0.08, 0.01)
13634_209	PIR	O00625	211	0.010	0.013	0.449	0.01 (-0.02, 0.04)	0.721	0.035	-0.050	0.026	0.056	-0.05 (-0.10, 9.10e-04	0.004	0.008	-0.010	0.022	0.635	-0.01 (-0.05, 0.03)	-0.018	0.027	0.518	-0.02 (-0.07, 0.04)
9900_36	NEFH	P12036	211	0.010	0.013	0.450	0.01 (-0.02, 0.04)	0.721	0.021	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)	0.005	0.001	-0.021	0.023	0.364	-0.02 (-0.06, 0.02)	-0.021	0.024	0.379	-0.02 (-0.07, 0.03)
9513_9	FGF22	Q9HCT0	211	0.009	0.012	0.450	0.01 (-0.01, 0.03)	0.721	0.063	-0.060	0.024	0.014	-0.06 (-0.11, -0.01)	0.004	0.001	-0.012	0.020	0.533	-0.01 (-0.05, 0.03)	-0.033	0.023	0.146	-0.03 (-0.08, 0.01)
9786_310	IER3	P46695	211	0.010	0.013	0.450	0.01 (-0.02, 0.04)	0.721	0.005	-0.071	0.025	0.006	-0.07 (-0.12, -0.02)	0.005	2.88E-04	-0.011	0.020	0.605	-0.01 (-0.05, 0.03)	-0.013	0.024	0.575	-0.01 (-0.06, 0.03)
13618_15	MAD1L1	Q9Y6D9	211	0.009	0.012	0.450	0.01 (-0.01, 0.03)	0.721	0.203	-0.032	0.024	0.172	-0.03 (-0.08, 0.01)	0.003	0.045	-0.007	0.024	0.766	-0.01 (-0.05, 0.04)	0.002	0.024	0.932	2.01e-03 (-0.04, 0.05)
16857_2	RAB2A	P61019	211	0.009	0.012	0.451	0.01 (-0.01, 0.03)	0.722	0.056	-0.031	0.025	0.222	-0.03 (-0.08, 0.02)	0.002	0.069	-0.019	0.020	0.353	-0.02 (-0.06, 0.02)	-0.015	0.024	0.534	-0.01 (-0.06, 0.03)
5861_78	HAAO	P46952	211	-0.009	0.012	0.451	-0.01 (-0.03, 0.01)	0.722	0.075	-0.030	0.026	0.264	-0.03 (-0.08, 0.02)	0.001	0.376	-0.038	0.021	0.080	-0.04 (-0.08, 4.47e-	-0.038	0.022	0.088	-0.04 (-0.08, 0.01)
19118_47	OSTF1	Q92882	211	0.009	0.012	0.451	0.01 (-0.01, 0.03)	0.722	0.138	-0.042	0.024	0.085	-0.04 (-0.09, 0.01)	0.003	0.016	-0.019	0.021	0.366	-0.02 (-0.06, 0.02)	-0.012	0.025	0.623	-0.01 (-0.06, 0.04)
16919_1	DBI	P07108	211	-0.010	0.013	0.452	-0.01 (-0.04, 0.02)	0.722	0.009	-0.058	0.026	0.028	-0.06 (-0.11, -0.01)	0.003	0.036	-0.053	0.022	0.017	-0.05 (-0.10, -0.01)	-0.048	0.024	0.051	-0.05 (-0.09, -8.01e-05)
3210_1	METAP1	P53582	211	-0.009	0.012	0.452	-0.01 (-0.03, 0.01)	0.722	0.274	-0.025	0.024	0.317	-0.02 (-0.07, 0.02)	0.001	0.463	-0.038	0.023	0.095	-0.04 (-0.08, 0.01)	-0.025	0.025	0.319	-0.02 (-0.07, 0.02)
11194_6	SIT1	Q9Y3P8	211	0.009	0.012	0.453	0.01 (-0.01, 0.03)	0.723	0.952	-0.005	0.023	0.824	-0.01 (-0.05, 0.04)	0.001	0.487	-0.024	0.018	0.185	-0.02 (-0.06, 0.01)	-0.039	0.023	0.097	-0.04 (-0.08, 0.01)
16908_5	OMG	P23515	211	-0.011	0.015	0.453	-0.01 (-0.04, 0.02)	0.723	6.83E-07	0.030	0.030	0.310	0.03 (-0.03, 0.09)	-0.003	0.107	0.017	0.022	0.426	0.02 (-0.03, 0.06)	0.051	0.029	0.078	0.05 (-0.01, 0.11)
18241_18	CPOX	P36551	211	-0.011	0.015	0.453	-0.01 (-0.04, 0.02)	0.723	4.23E-07	0.004	0.030	0.884	4.37e-03 (-0.05, 0.06)	-0.001	0.544	0.017	0.024	0.491	0.02 (-0.03, 0.06)	0.016	0.027	0.562	0.02 (-0.04, 0.07)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
2578_67	CCL2	P13500	211	0.009	0.012	0.453	0.01 (-0.01, 0.03)	0.723	0.107	0.000	0.025	0.994	1.99e-04 (-0.05, 0.05)	0.001	0.685	-0.009	0.024	0.698	-0.01 (-0.06, 0.04)	-0.011	0.024	0.638	-0.01 (-0.06, 0.04)
3202_28	KREMEN2	Q8NCW0	211	-0.009	0.012	0.452	-0.01 (-0.03, 0.01)	0.723	0.310	-0.058	0.024	0.015	-0.06 (-0.11, -0.01)	0.003	0.017	-0.033	0.019	0.083	-0.03 (-0.07, 4.33e-	-0.037	0.024	0.126	-0.04 (-0.08, 0.01)
3761_4	PTGS2	P35354	211	-0.009	0.012	0.453	-0.01 (-0.03, 0.01)	0.723	0.058	-0.080	0.024	0.001	-0.08 (-0.13, -0.03)	0.004	0.001	-0.042	0.019	0.028	-0.04 (-0.08, -4.50e-	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)
9053_16	CRIP2	P52943	211	0.010	0.013	0.453	0.01 (-0.02, 0.03)	0.723	0.040	-0.044	0.025	0.084	-0.04 (-0.09, 0.01)	0.003	0.015	-0.020	0.022	0.360	-0.02 (-0.06, 0.02)	-0.022	0.026	0.380	-0.02 (-0.07, 0.03)
9379_248	SMIM10	Q96HG1	211	0.009	0.013	0.453	0.01 (-0.02, 0.03)	0.723	0.025	-0.050	0.025	0.042	-0.05 (-0.10, -2.10e-0	0.004	0.005	-0.023	0.024	0.340	-0.02 (-0.07, 0.02)	-0.022	0.024	0.360	-0.02 (-0.07, 0.03)
9893_27	OAZ1	P54368	211	-0.009	0.012	0.453	-0.01 (-0.03, 0.01)	0.723	0.256	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)	0.002	0.196	-0.048	0.022	0.031	-0.05 (-0.09, -4.32e-	-0.053	0.028	0.060	-0.05 (-0.11, 1.87e-03)
3823_9	MATK	P42679	211	0.009	0.012	0.453	0.01 (-0.01, 0.03)	0.723	0.231	-0.004	0.024	0.883	-3.53e-03 (-0.05, 0.04	0.001	0.554	0.014	0.023	0.551	0.01 (-0.03, 0.06)	0.012	0.024	0.630	0.01 (-0.04, 0.06)
16854_17	LSM4	Q9Y4Z0	211	0.010	0.014	0.454	0.01 (-0.02, 0.04)	0.723	4.06E-04	-0.056	0.027	0.042	-0.06 (-0.11, -2.45e-0	0.004	0.005	-0.014	0.023	0.538	-0.01 (-0.06, 0.03)	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)
6526_77	OBP2A	Q9NY56	211	0.009	0.012	0.454	0.01 (-0.01, 0.03)	0.723	0.199	-0.040	0.024	0.097	-0.04 (-0.09, 0.01)	0.003	0.020	0.004	0.020	0.823	4.44e-03 (-0.03, 0.0	-0.018	0.023	0.430	-0.02 (-0.06, 0.03)
10391_1	ANGPTL3	Q9Y5C1	211	-0.009	0.012	0.455	-0.01 (-0.03, 0.01)	0.723	0.081	-0.026	0.025	0.295	-0.03 (-0.08, 0.02)	0.001	0.420	0.004	0.023	0.853	4.36e-03 (-0.04, 0.0	0.001	0.023	0.966	9.87e-04 (-0.04, 0.05)
13944_3	SULT1A3	P0DMM9	211	-0.009	0.012	0.454	-0.01 (-0.03, 0.01)	0.723	0.077	-0.025	0.026	0.348	-0.02 (-0.08, 0.03)	0.001	0.497	-0.047	0.022	0.032	-0.05 (-0.09, -3.99e-	-0.044	0.026	0.097	-0.04 (-0.09, 0.01)
13959_7	LAP3	P28838	211	-0.009	0.012	0.455	-0.01 (-0.03, 0.01)	0.723	0.097	-0.029	0.025	0.253	-0.03 (-0.08, 0.02)	0.001	0.360	-0.034	0.023	0.145	-0.03 (-0.08, 0.01)	-0.030	0.027	0.266	-0.03 (-0.08, 0.02)
16814_13	FHL1	Q13642	211	0.010	0.013	0.454	0.01 (-0.02, 0.03)	0.723	0.033	-0.056	0.025	0.025	-0.06 (-0.10, -0.01)	0.004	0.002	-0.027	0.019	0.164	-0.03 (-0.07, 0.01)	-0.023	0.025	0.343	-0.02 (-0.07, 0.02)
18210_12	SPIN1	Q9Y657	211	0.010	0.013	0.455	0.01 (-0.02, 0.04)	0.723	0.003	-0.043	0.026	0.102	-0.04 (-0.09, 0.01)	0.003	0.020	-0.010	0.023	0.671	-0.01 (-0.06, 0.04)	-0.001	0.024	0.954	-1.38e-03 (-0.05, 0.04)
3827_22	PAK6	Q9NQU5	211	-0.009	0.012	0.455	-0.01 (-0.03, 0.01)	0.723	0.080	-0.025	0.025	0.314	-0.03 (-0.07, 0.02)	0.001	0.448	-0.038	0.022	0.078	-0.04 (-0.08, 4.30e-	-0.036	0.024	0.140	-0.04 (-0.08, 0.01)
7754_11	JAG1	P78504	211	0.009	0.012	0.455	0.01 (-0.01, 0.03)	0.723	0.454	-0.021	0.023	0.357	-0.02 (-0.07, 0.02)	0.002	0.134	-0.005	0.021	0.803	-0.01 (-0.05, 0.04)	-0.001	0.022	0.965	-9.47e-04 (-0.04, 0.04)
8235_48	CHGB	P05060	211	-0.013	0.017	0.455	-0.01 (-0.05, 0.02)	0.723	7.57E-16	0.000	0.034	0.992	-3.37e-04 (-0.07, 0.07	-0.001	0.671	-0.003	0.023	0.899	-2.96e-03 (-0.05, 0.	0.000	0.027	1.000	-1.03e-05 (-0.05, 0.05)
13929_27	CROT	Q9UKG9	211	-0.009	0.012	0.456	-0.01 (-0.03, 0.01)	0.724	0.069	-0.033	0.025	0.186	-0.03 (-0.08, 0.02)	0.002	0.260	-0.021	0.025	0.393	-0.02 (-0.07, 0.03)	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)
7933_75	ADAM22	Q9P0K1	211	-0.009	0.013	0.456	-0.01 (-0.03, 0.02)	0.724	0.040	0.010	0.024	0.677	0.01 (-0.04, 0.06)	-0.001	0.339	0.000	0.025	1.000	0.00e+00 (-0.05, 0.	0.000	0.025	1.000	8.31e-06 (-0.05, 0.05)
10580_14	SFTA2	Q6UW10	211	0.009	0.012	0.457	0.01 (-0.01, 0.03)	0.724	0.439	-0.033	0.026	0.202	-0.03 (-0.08, 0.02)	0.002	0.067	0.001	0.021	0.973	6.97e-04 (-0.04, 0.0	0.004	0.027	0.871	4.34e-03 (-0.05, 0.06)
11444_49	POLR3F	Q9H1D9	211	0.009	0.012	0.457	0.01 (-0.01, 0.03)	0.724	0.315	-0.030	0.023	0.196	-0.03 (-0.08, 0.02)	0.002	0.054	-0.025	0.021	0.221	-0.03 (-0.07, 0.02)	-0.016	0.024	0.500	-0.02 (-0.06, 0.03)
12504_26	LMOD1	P29536	211	0.009	0.012	0.457	0.01 (-0.01, 0.03)	0.724	0.315	-0.045	0.023	0.058	-0.04 (-0.09, 1.17e-03	0.003	0.009	-0.016	0.022	0.448	-0.02 (-0.06, 0.03)	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)
9523_34	ITM2C	Q9NQX7	211	0.009	0.012	0.457	0.01 (-0.01, 0.03)	0.724	0.872	-0.006	0.023	0.787	-0.01 (-0.05, 0.04)	0.001	0.455	-0.017	0.021	0.409	-0.02 (-0.06, 0.02)	-0.025	0.026	0.335	-0.02 (-0.08, 0.03)
8004_15	GAPDHS	O14556	211	0.009	0.012	0.457	0.01 (-0.01, 0.03)	0.725	0.109	-0.007	0.024	0.760	-0.01 (-0.06, 0.04)	0.001	0.446	-0.015	0.023	0.507	-0.02 (-0.06, 0.03)	-0.021	0.023	0.359	-0.02 (-0.07, 0.02)
13525_17	KCNG4	Q8TDN1	211	0.010	0.013	0.457	0.01 (-0.02, 0.04)	0.725	0.007	-0.050	0.026	0.053	-0.05 (-0.10, 4.49e-04	0.004	0.008	-0.024	0.022	0.284	-0.02 (-0.07, 0.02)	-0.007	0.024	0.773	-0.01 (-0.05, 0.04)
10530_8	PSMB6	P28072	211	0.009	0.012	0.458	0.01 (-0.01, 0.03)	0.725	0.110	-0.031	0.024	0.212	-0.03 (-0.08, 0.02)	0.002	0.064	-0.014	0.022	0.529	-0.01 (-0.06, 0.03)	0.002	0.023	0.916	2.47e-03 (-0.04, 0.05)
12794_6	NLRP4	Q96MN2	211	0.010	0.013	0.458	0.01 (-0.02, 0.03)	0.725	0.029	-0.053	0.025	0.037	-0.05 (-0.10, -3.51e-0	0.004	0.004	-0.024	0.022	0.281	-0.02 (-0.07, 0.02)	-0.018	0.022	0.419	-0.02 (-0.06, 0.03)
13452_113	SMIM13	P0DJ93	211	0.009	0.012	0.458	0.01 (-0.01, 0.03)	0.725	0.257	-0.052	0.023	0.028	-0.05 (-0.10, -0.01)	0.004	0.003	-0.022	0.020	0.278	-0.02 (-0.06, 0.02)	-0.018	0.022	0.400	-0.02 (-0.06, 0.02)
9970_7	UBXN4	Q92575	211	0.009	0.012	0.458	0.01 (-0.01, 0.03)	0.725	0.061	-0.074	0.024	0.002	-0.07 (-0.12, -0.03)	0.005	8.03E-05	-0.009	0.018	0.608	-0.01 (-0.05, 0.03)	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)
6528_95	EXTL2	Q9UBQ6	211	0.009	0.013	0.458	0.01 (-0.02, 0.03)	0.725	0.032	-0.055	0.025	0.026	-0.06 (-0.10, -0.01)	0.004	0.003	-0.025	0.022	0.245	-0.03 (-0.07, 0.02)	-0.012	0.022	0.586	-0.01 (-0.06, 0.03)
8399_6	STK17B	O94768	211	0.009	0.012	0.459	0.01 (-0.01, 0.03)	0.725	0.179	-0.049	0.024	0.042	-0.05 (-0.10, -1.95e-0	0.004	0.006	0.001	0.020	0.954	1.14e-03 (-0.04, 0.0	-0.014	0.024	0.566	-0.01 (-0.06, 0.03)
8971_9	NRXN1	Q9ULB1	211	0.011	0.015	0.459	0.01 (-0.02, 0.04)	0.725	4.03E-28	0.004	0.030	0.892	4.13e-03 (-0.06, 0.06)	0.000	0.785	0.028	0.021	0.171	0.03 (-0.01, 0.07)	0.031	0.019	0.110	0.03 (-0.01, 0.07)
12669_30	HECW1	Q76N89	211	0.009	0.013	0.459	0.01 (-0.02, 0.03)	0.725	0.033	-0.056	0.025	0.024	-0.06 (-0.10, -0.01)	0.004	0.002	-0.006	0.021	0.770	-0.01 (-0.05, 0.04)	-0.011	0.021	0.599	-0.01 (-0.05, 0.03)
9842_2	CTNNB1	P35222	211	-0.009	0.012	0.459	-0.01 (-0.03, 0.01)	0.725	0.128	-0.041	0.024	0.089	-0.04 (-0.09, 0.01)	0.002	0.119	-0.034	0.020	0.080	-0.03 (-0.07, 4.17e-	-0.041	0.024	0.089	-0.04 (-0.09, 0.01)
11462_8	RBFOX2	O43251	211	0.009	0.013	0.460	0.01 (-0.02, 0.03)	0.725	0.024	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)	0.004	0.002	-0.032	0.019	0.093	-0.03 (-0.07, 0.01)	-0.047	0.025	0.057	-0.05 (-0.10, 1.14e-03)
5069_9	CD55	P08174	211	-0.010	0.014	0.459	-0.01 (-0.04, 0.02)	0.725	0.003	-0.029	0.028	0.286	-0.03 (-0.08, 0.02)	0.001	0.420	-0.021	0.026	0.426	-0.02 (-0.07, 0.03)	-0.037	0.025	0.145	-0.04 (-0.09, 0.01)
6326_20	BMP4	P12644	211	-0.009	0.012	0.460	-0.01 (-0.03, 0.01)	0.725	0.060	-0.056	0.025	0.026	-0.06 (-0.11, -0.01)	0.003	0.030	-0.037	0.021	0.083	-0.04 (-0.08, 4.79e-	-0.038	0.022	0.089	-0.04 (-0.08, 0.01)
6464_40	PVRIG	Q6DKI7	211	0.009	0.013	0.460	0.01 (-0.02, 0.03)	0.725	0.033	-0.033	0.025	0.189	-0.03 (-0.08, 0.02)	0.003	0.051	-0.013	0.021	0.524	-0.01 (-0.05, 0.03)	-0.017	0.024	0.471	-0.02 (-0.06, 0.03)
9863_1	TPM4	P67936	211	-0.009	0.012	0.460	-0.01 (-0.03, 0.01)	0.725	0.588	-0.016	0.024	0.485	-0.02 (-0.06, 0.03)	0.000	0.705	-0.023	0.024	0.324	-0.02 (-0.07, 0.02)	-0.015	0.025	0.550	-0.01 (-0.06, 0.03)
13931_22	PSMD9	O00233	211	-0.010	0.013	0.461	-0.01 (-0.04, 0.02)	0.726	0.009	-0.050	0.026	0.053	-0.05 (-0.10, 4.02e-04	0.003	0.070	-0.045	0.022	0.044	-0.05 (-0.09, -1.23e-	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)
18871_24	AIF1L	Q9BQI0	211	0.010	0.013	0.461	0.01 (-0.02, 0.04)	0.726	0.049	-0.018	0.026	0.493	-0.02 (-0.07, 0.03)	0.002	0.221	-0.015	0.023	0.505	-0.02 (-0.06, 0.03)	-0.014	0.026	0.591	-0.01 (-0.07, 0.04)
19265_9	TCP1	P17987	211	-0.009	0.012	0.461	-0.01 (-0.03, 0.01)	0.726	0.256	-0.043	0.024	0.073	-0.04 (-0.09, 3.82e-03	0.002	0.097	-0.039	0.020	0.052	-0.04 (-0.08, 2.74e-	-0.045	0.023	0.053	-0.04 (-0.09, 2.62e-04)
3182_38	ENTPD1	P49961	211	0.009	0.012	0.461	0.01 (-0.01, 0.03)	0.726	0.178	-0.053	0.024	0.029	-0.05 (-0.10, -0.01)	0.004	0.003	0.006	0.021	0.786	0.01 (-0.04, 0.05)	0.000	0.023	1.000	-3.29e-06 (-0.04, 0.04)
17512_2	NMI	Q13287	211	-0.009	0.012	0.461	-0.01 (-0.03, 0.01)	0.727	0.204	-0.027	0.025	0.276	-0.03 (-0.07, 0.02)	0.001	0.395	-0.037	0.020	0.071	-0.04 (-0.08, 3.10e-	-0.047	0.024	0.048	-0.05 (-0.09, -7.63e-04)
5736_1	TREML2	Q5T2D2	211	-0.010	0.014	0.462	-0.01 (-0.04, 0.02)	0.727	0.007	-0.004	0.028	0.892	-3.77e-03 (-0.06, 0.05	0.000	0.788	-0.029	0.021	0.181	-0.03 (-0.07, 0.01)	-0.028	0.025	0.257	-0.03 (-0.08, 0.02)
9058_1	TIMM21	Q9BVV7	211	0.009	0.013	0.462	0.01 (-0.02, 0.03)	0.727	0.014	-0.040	0.025	0.114	-0.04 (-0.09, 0.01)	0.003	0.024	-0.031	0.022	0.152	-0.03 (-0.07, 0.01)	-0.029	0.025	0.243	-0.03 (-0.08, 0.02)
19584_33	FGF9	P31371	211	-0.009	0.012	0.462	-0.01 (-0.03, 0.01)	0.727	0.494	-0.058	0.023	0.014	-0.06 (-0.10, -0.01)	0.003	0.016	-0.030	0.024	0.211	-0.03 (-0.08, 0.02)	-0.035	0.025	0.155	-0.04 (-0.08, 0.01)
12576_21	MAGEA3	P43357	211	0.010	0.013	0.462	0.01 (-0.02, 0.04)	0.727	0.011	-0.037	0.026	0.157	-0.04 (-0.09, 0.01)	0.003	0.039	-0.012	0.023	0.592	-0.01 (-0.06, 0.03)	-0.014	0.022	0.528	-0.01 (-0.06, 0.03)
17793_4	DIRAS1	O95057	211	0.009	0.012	0.462	0.01 (-0.01, 0.03)	0.727	0.079	-0.045	0.024	0.068	-0.04 (-0.09, 3.07e-03	0.003	0.012	0.006	0.021	0.764	0.01 (-0.04, 0.05)	0.008	0.025	0.743	0.01 (-0.04, 0.06)
2813_11	AGRP	O00253	211	0.011	0.014	0.463	0.01 (-0.02, 0.04)	0.728	2.58E-05	0.010	0.029	0.733	0.01 (-0.05, 0.07)	0.000	0.974	0.037	0.025	0.137	0.04 (-0.01, 0.09)	0.042	0.023	0.067	0.04 (-2.74e-03, 0.09)
11231_12	FDX1L	Q6P4F2	211	0.008	0.011	0.463	0.01 (-0.01, 0.03)	0.728	0.103	-0.023	0.024	0.348	-0.02 (-0.07, 0.02)	0.002	0.138	-0.007	0.021	0.733	-0.01 (-0.05, 0.03)	0.000	0.024	0.992	-2.48e-04 (-0.05, 0.05)
11636_33	TAGLN2	P37802	211	-0.009	0.012	0.464	-0.01 (-0.03, 0.01)	0.728	0.107	-0.038	0.025	0.135	-0.04 (-0.09, 0.01)	0.002	0.183	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)	-0.025	0.022	0.265	-0.03 (-0.07, 0.02)
3209_69	MEPE	Q9NQ76	211	0.009	0.012	0.464	0.01 (-0.01, 0.03)	0.728	0.210	-0.018	0.024	0.459	-0.02 (-0.07, 0.03)	0.002	0.205	-0.025	0.022	0.253	-0.02 (-0.07, 0.02)	-0.025	0.025	0.309	-0.03 (-0.07, 0.02)
10761_5	TMED2	Q15363	211	0.009	0.012	0.464	0.01 (-0.01, 0.03)	0.728	0.050	-0.044	0.025	0.078	-0.04 (-0.09, 4.73e-03	0.003	0.015	-0.016	0.020	0.426	-0.02 (-0.06, 0.02)	-0.018	0.025	0.483	-0.02 (-0.07, 0.03)
13603_7	RFESD	Q8TAC1	211	0.010	0.013	0.464	0.01 (-0.02, 0.04)	0.728	0.007	-0.040	0.026	0.125	-0.04 (-0.09, 0.01)	0.003	0.028	-0.023	0.020	0.254	-0.02 (-0.06, 0.02)	-0.029	0.024	0.231	-0.03 (-0.08, 0.02)
15669_7	BRAF	P15056	211	-0.009	0.012	0.464	-0.01 (-0.03, 0.01)	0.728	0.141	-0.065	0.024	0.008	-0.07 (-0.11, -0.02)	0.004	0.007	-0.039	0.021	0.063	-0.04 (-0.08, 2.14e-	-0.046	0.025	0.070	-0.05 (-0.10, 3.43e-03)
3888_8	ING1	Q9UK53	211	-0.010	0.013	0.464	-0.01 (-0.04, 0.02)	0.728	0.015	-0.036	0.026	0.176	-0.04 (-0.09, 0.02)	0.002	0.254	-0.051	0.021	0.015	-0.05 (-0.09, -0.01)	-0.050	0.026	0.050	-0.05 (-0.10, -2.01e-04)
8274_64	STX7	O15400	211	-0.009	0.012	0.465	-0.01 (-0.03, 0.01)	0.729	0.220	-0.047	0.024	0.056	-0.05 (-0.09, 9.44e-04	0.002	0.072	-0.040	0.021	0.059	-0.04 (-0.08, 1.51e-	-0.044	0.024	0.073	-0.04 (-0.09, 3.90e-03)
9317_4	LRRC25	Q8N386	211	-0.010	0.013	0.465	-0.01 (-0.04, 0.02)	0.729	0.016	-0.074	0.026	0.005	-0.07 (-0.12, -0.02)	0.004	0.004	-0.034	0.023	0.131	-0.03 (-0.08, 0.01)	-0.028	0.024	0.240	-0.03 (-0.07, 0.02)
7234_12	COLGALT2	Q8IYK4	211	0.009	0.012	0.465	0.01 (-0.01, 0.03)	0.729	0.188	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)	0.002	0.060	-0.006	0.019	0.777	-0.01 (-0.04, 0.03)	-0.018	0.023	0.425	-0.02 (-0.06, 0.03)
3607_71	DKK3	Q9UBP4	211	-0.010	0.014	0.465	-0.01 (-0.04, 0.02)	0.729	0.001	0.048	0.028	0.085	0.05 (-0.01, 0.10)	-0.004	0.016	0.008	0.023	0.724	0.01 (-0.04, 0.05)	0.000	0.026	0.988	3.70e-04 (-0.05, 0.05)
4557_61	KIRREL3	Q8IZU9	211	0.009	0.012	0.466	0.01 (-0.01, 0.03)	0.729	0.326	-0.034	0.023	0.151	-0.03 (-0.08, 0.01)	0.003	0.038	-0.021	0.021	0.327	-0.02 (-0.06, 0.02)	-0.013	0.023	0.587	-0.01 (-0.06, 0.03)
12033_3	BUB1	O43683	211	-0.009	0.012	0.466	-0.01 (-0.03, 0.01)	0.730	0.180	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)	0.003	0.014	-0.025	0.021	0.223	-0.03 (-0.07, 0.02)	-0.027	0.025	0.275	-0.03 (-0.08, 0.02)
15545_13	PPP3R1	P63098	211	-0.009	0.013	0.466	-0.01 (-0.03, 0.02)	0.730	0.028	-0.041	0.026	0.112	-0.04 (-0.09, 0.01)	0.002	0.157	-0.028	0.024	0.248	-0.03 (-0.08, 0.02)	-0.027	0.024	0.277	-0.03 (-0.07, 0.02)
10454_99	DNAJC16	Q9Y2G8	211	-0.008	0.012	0.467	-0.01 (-0.03, 0.01)	0.730	0.379	-0.030	0.023	0.206	-0.03 (-0.08, 0.02)	0.001	0.295	-0.040	0.022	0.069	-0.04 (-0.08, 3.16e-	-0.041	0.024	0.083	-0.04 (-0.09, 0.01)
12577_100	FEN1	P39748	211	0.009	0.013	0.467	0.01 (-0.02, 0.03)	0.730	0.043	-0.030	0.025	0.217	-0.03 (-0.08, 0.02)	0.002	0.064	-0.002	0.024	0.918	-2.49e-03 (-0.05, 0.	-0.012	0.022	0.587	-0.01 (-0.06, 0.03)
4130_71	FGF6	P10767	211	-0.009	0.012	0.467	-0.01 (-0.03, 0.01)	0.730	0.105	-0.032	0.025	0.207	-0.03 (-0.08, 0.02)	0.001	0.289	-0.030	0.021	0.152	-0.03 (-0.07, 0.01)	-0.028	0.023	0.226	-0.03 (-0.07, 0.02)
9366_54	IL21R	Q9HBE5	211	0.010	0.013	0.467	0.01 (-0.02, 0.04)	0.730	0.024	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)	0.005	0.001	-0.040	0.021	0.059	-0.04 (-0.08, 1.52e-	-0.027	0.025	0.275	-0.03 (-0.08, 0.02)
9873_17	ESRRA	P11474	211	0.009	0.012	0.468	0.01 (-0.01, 0.03)	0.731	0.254	-0.023	0.024	0.338	-0.02 (-0.07, 0.02)	0.002	0.130	-0.009	0.024	0.708	-0.01 (-0.06, 0.04)	-0.012	0.023	0.600	-0.01 (-0.06, 0.03)
5792_8	AFP	P02771	211	0.009	0.012	0.468	0.01 (-0.01, 0.03)	0.731	0.139	-0.022	0.024	0.364	-0.02 (-0.07, 0.03)	0.002	0.147	-0.005	0.023	0.815	-0.01 (-0.05, 0.04)	-0.007	0.023	0.752	-0.01 (-0.05, 0.04)
12483_62	RORB	Q92753	211	0.009	0.012	0.469	0.01 (-0.01, 0.03)	0.731	0.058	-0.040	0.025	0.108	-0.04 (-0.09, 0.01)	0.003	0.025	0.002	0.020	0.900	2.48e-03 (-0.04, 0.0	-0.007	0.024	0.752	-0.01 (-0.05, 0.04)
8982_65	THBS3	P49746	211	0.010	0.014	0.469	0.01 (-0.02, 0.04)	0.732	0.005	0.013	0.028	0.646	0.01 (-0.04, 0.07)	0.000	0.912	-0.017	0.025	0.498	-0.02 (-0.07, 0.03)	-0.022	0.024	0.365	-0.02 (-0.07, 0.03)
3803_10	CST5	P28325	211	-0.010	0.013	0.469	-0.01 (-0.04, 0.02)	0.732	0.001	0.018	0.026	0.490	0.02 (-0.03, 0.07)	-0.002	0.216	0.000	0.023	0.988	3.49e-04 (-0.05, 0.0	-0.001	0.022	0.947	-1.47e-03 (-0.04, 0.04)
13098_93	FIGF	O43915	211	0.011	0.015	0.470	0.01 (-0.02, 0.04)	0.732	4.59E-04	0.050	0.029	0.083	0.05 (-0.01, 0.11)	-0.002	0.113	0.040	0.021	0.060	0.04 (-1.64e-03, 0.0	0.060	0.026	0.024	0.06 (0.01, 0.11)
17393_13	ACADS	P16219	211	-0.010	0.013	0.470	-0.01 (-0.04, 0.02)	0.732	0.012	-0.062	0.026	0.017	-0.06 (-0.11, -0.01)	0.003	0.020	-0.037	0.024	0.115	-0.04 (-0.08, 0.01)	-0.028	0.024	0.229	-0.03 (-0.07, 0.02)
9954_2	NPIPB3	Q92617	211	0.009	0.013	0.470	0.01 (-0.02, 0.04)	0.732	0.017	-0.064	0.025	0.013	-0.06 (-0.11, -0.01)	0.005	0.001	-0.019	0.022	0.382	-0.02 (-0.06, 0.02)	-0.013	0.025	0.614	-0.01 (-0.06, 0.04)
6494_60	SPACA5	Q96QH8	211	0.008	0.012	0.470	0.01 (-0.01, 0.03)	0.732	0.374	-0.043	0.023	0.063	-0.04 (-0.09, 2.02e-03	0.003	0.010	-0.027	0.022	0.218	-0.03 (-0.07, 0.02)	-0.026	0.024	0.265	-0.03 (-0.07, 0.02)
9359_9	DLK2	Q6UY11	211	-0.010	0.014	0.470	-0.01 (-0.04, 0.02)	0.733	8.96E-05	0.036	0.028	0.203	0.04 (-0.02, 0.09)	-0.003	0.058	0.019	0.023	0.418	0.02 (-0.03, 0.07)	0.013	0.027	0.639	0.01 (-0.04, 0.07)
9947_22	TOPBP1	Q92547	211	0.008	0.012	0.471	0.01 (-0.01, 0.03)	0.733	0.240	-0.030	0.023	0.208	-0.03 (-0.08, 0.02)	0.002	0.063	-0.028	0.022	0.198	-0.03 (-0.07, 0.01)	-0.030	0.022	0.183	-0.03 (-0.07, 0.01)
16309_30	DKKL1	Q9UK85	211	0.010	0.014	0.471	0.01 (-0.02, 0.04)	0.733	4.29E-04	-0.045	0.027	0.093	-0.05 (-0.10, 0.01)	0.003	0.018	0.005	0.024	0.837	4.95e-03 (-0.04, 0.0	0.007	0.023	0.776	0.01 (-0.04, 0.05)
15612_5	LIN7B	Q9HAP6	211	0.008	0.012	0.471	0.01 (-0.01, 0.03)	0.734	0.161	-0.053	0.024	0.029	-0.05 (-0.10, -0.01)	0.004	0.004	-0.007	0.020	0.739	-0.01 (-0.05, 0.03)	-0.054	0.025	0.034	-0.05 (-0.10, -4.46e-03)
3810_50	FGR	P09769	211	-0.009	0.013	0.472	-0.01 (-0.04, 0.02)	0.734	0.021	-0.028	0.026	0.292	-0.03 (-0.08, 0.02)	0.001	0.423	-0.026	0.026	0.301	-0.03 (-0.08, 0.02)	-0.020	0.027	0.469	-0.02 (-0.07, 0.03)
12424_107	THYN1	Q9P016	211	0.008	0.012	0.472	0.01 (-0.01, 0.03)	0.734	0.103	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)	0.004	0.004	-0.024	0.022	0.286	-0.02 (-0.07, 0.02)	-0.015	0.024	0.550	-0.01 (-0.06, 0.03)
15631_18	PSG1	P11464	211	0.008	0.012	0.472	0.01 (-0.01, 0.03)	0.734	0.070	-0.038	0.025	0.128	-0.04 (-0.09, 0.01)	0.003	0.032	-0.028	0.022	0.196	-0.03 (-0.07, 0.01)	-0.025	0.023	0.271	-0.02 (-0.07, 0.02)
19545_145	PARK7	Q99497	211	0.010	0.014	0.472	0.01 (-0.02, 0.04)	0.734	0.002	-0.052	0.027	0.052	-0.05 (-0.10, 1.10e-04	0.004	0.008	-0.012	0.024	0.610	-0.01 (-0.06, 0.03)	0.001	0.024	0.968	9.85e-04 (-0.05, 0.05)
2946_52	CFD	P00746	211	0.011	0.015	0.472	0.01 (-0.02, 0.04)	0.734	2.02E-06	-0.040	0.031	0.199	-0.04 (-0.10, 0.02)	0.003	0.060	0.001	0.024	0.962	1.17e-03 (-0.05, 0.0	0.016	0.024	0.512	0.02 (-0.03, 0.06)
3042_7	MB	P02144	211	0.010	0.014	0.472	0.01 (-0.02, 0.04)	0.734	2.35E-04	0.011	0.028	0.687	0.01 (-0.04, 0.07)	0.000	0.961	-0.011	0.025	0.665	-0.01 (-0.06, 0.04)	-0.010	0.029	0.722	-0.01 (-0.07, 0.05)
6035_2	ST6GAL1	P15907	211	0.008	0.012	0.473	0.01 (-0.01, 0.03)	0.735	0.134	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)	0.003	0.056	-0.015	0.020	0.448	-0.02 (-0.05, 0.02)	-0.029	0.025	0.233	-0.03 (-0.08, 0.02)
18375_28	IL1F5	Q9UBH0	211	-0.010	0.014	0.474	-0.01 (-0.04, 0.02)	0.735	0.001	-0.072	0.027	0.008	-0.07 (-0.12, -0.02)	0.004	0.008	-0.016	0.023	0.481	-0.02 (-0.06, 0.03)	-0.008	0.025	0.742	-0.01 (-0.06, 0.04)
10561_5	PGLYRP3	Q96LB9	211	0.009	0.013	0.475	0.01 (-0.02, 0.04)	0.736	0.015	-0.059	0.025	0.021	-0.06 (-0.11, -0.01)	0.004	0.002	-0.014	0.023	0.556	-0.01 (-0.06, 0.03)	-0.008	0.024	0.745	-0.01 (-0.05, 0.04)
11307_33	WWP1	Q9H0M0	211	-0.009	0.013	0.475	-0.01 (-0.03, 0.02)	0.736	0.031	-0.036	0.026	0.168	-0.04 (-0.09, 0.01)	0.002	0.237	-0.039	0.021	0.059	-0.04 (-0.08, 1.44e-	-0.042	0.026	0.103	-0.04 (-0.09, 0.01)
14246_50	DOK2	O60496	211	-0.009	0.012	0.475	-0.01 (-0.03, 0.01)	0.736	0.057	-0.042	0.026	0.104	-0.04 (-0.09, 0.01)	0.002	0.134	-0.045	0.021	0.029	-0.05 (-0.09, -4.56e-	-0.041	0.024	0.090	-0.04 (-0.09, 0.01)
4149_8	PDGFB	P01127	211	-0.010	0.014	0.475	-0.01 (-0.04, 0.02)	0.736	0.002	-0.035	0.027	0.197	-0.04 (-0.09, 0.02)	0.002	0.281	-0.032	0.024	0.183	-0.03 (-0.08, 0.02)	-0.035	0.025	0.167	-0.03 (-0.08, 0.01)
9744_139	DNAJA4	Q8WW22	211	0.009	0.013	0.475	0.01 (-0.02, 0.03)	0.736	0.014	-0.049	0.026	0.058	-0.05 (-0.10, 1.31e-03	0.004	0.009	-0.003	0.019	0.889	-2.60e-03 (-0.04, 0.	-0.059	0.025	0.022	-0.06 (-0.11, -0.01)
7944_1	KIR3DL3	Q8N743	211	0.009	0.013	0.475	0.01 (-0.02, 0.03)	0.736	0.047	-0.051	0.024	0.038	-0.05 (-0.10, -3.03e-0	0.004	0.005	-0.007	0.020	0.714	-0.01 (-0.05, 0.03)	-0.013	0.024	0.581	-0.01 (-0.06, 0.03)
17742_2	RRAS	P10301	211	-0.008	0.012	0.476	-0.01 (-0.03, 0.01)	0.737	0.064	-0.042	0.025	0.092	-0.04 (-0.09, 0.01)	0.002	0.118	-0.032	0.023	0.167	-0.03 (-0.08, 0.01)	-0.027	0.024	0.259	-0.03 (-0.07, 0.02)
3809_1	FGFR3	P22607	211	0.008	0.012	0.476	0.01 (-0.01, 0.03)	0.737	0.053	-0.044	0.025	0.079	-0.04 (-0.09, 4.87e-03	0.003	0.016	-0.021	0.022	0.338	-0.02 (-0.06, 0.02)	-0.011	0.023	0.649	-0.01 (-0.06, 0.03)
18322_15	JMJD6	Q6NYC1	211	0.009	0.013	0.476	0.01 (-0.02, 0.03)	0.737	0.036	-0.044	0.025	0.079	-0.04 (-0.09, 4.97e-03	0.003	0.015	-0.019	0.020	0.334	-0.02 (-0.06, 0.02)	-0.029	0.025	0.243	-0.03 (-0.08, 0.02)
6617_12	FCRL6	Q6DN72	211	0.008	0.012	0.476	0.01 (-0.01, 0.03)	0.737	0.085	-0.067	0.025	0.007	-0.07 (-0.11, -0.02)	0.005	4.82E-04	0.000	0.022	0.999	1.87e-05 (-0.04, 0.0	-0.007	0.024	0.756	-0.01 (-0.05, 0.04)
16831_7	DOK1	Q99704	211	-0.009	0.013	0.477	-0.01 (-0.03, 0.02)	0.737	0.046	-0.046	0.026	0.072	-0.05 (-0.10, 3.84e-03	0.002	0.095	-0.045	0.021	0.032	-0.05 (-0.09, -3.89e-	-0.054	0.026	0.034	-0.05 (-0.10, -4.39e-03)
18338_26	IDH1	O75874	211	0.010	0.014	0.477	0.01 (-0.02, 0.04)	0.737	0.001	-0.022	0.027	0.414	-0.02 (-0.08, 0.03)	0.002	0.174	-0.023	0.021	0.268	-0.02 (-0.06, 0.02)	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)
19212_4	DMBT1	Q9UGM3	211	0.008	0.012	0.477	0.01 (-0.01, 0.03)	0.737	0.278	-0.034	0.023	0.151	-0.03 (-0.08, 0.01)	0.003	0.039	-0.005	0.020	0.793	-0.01 (-0.04, 0.03)	0.001	0.024	0.972	8.54e-04 (-0.05, 0.05)
19488_1	PDCD6	O75340	211	-0.009	0.012	0.477	-0.01 (-0.03, 0.01)	0.737	0.129	-0.079	0.024	0.001	-0.08 (-0.13, -0.03)	0.004	0.001	-0.040	0.023	0.085	-0.04 (-0.09, 0.01)	-0.047	0.025	0.065	-0.05 (-0.10, 2.72e-03)
3874_8	UBE2L3	P68036	211	-0.009	0.013	0.477	-0.01 (-0.04, 0.02)	0.737	0.016	-0.039	0.026	0.139	-0.04 (-0.09, 0.01)	0.002	0.194	-0.053	0.021	0.011	-0.05 (-0.09, -0.01)	-0.060	0.025	0.016	-0.06 (-0.11, -0.01)
12635_9	TRDMT1	O14717	211	-0.008	0.012	0.478	-0.01 (-0.03, 0.01)	0.738	0.087	-0.032	0.025	0.197	-0.03 (-0.08, 0.02)	0.002	0.268	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)	-0.038	0.024	0.118	-0.04 (-0.09, 0.01)
14619_8	ZNF526	Q8TF50	211	-0.009	0.013	0.478	-0.01 (-0.03, 0.02)	0.738	0.027	-0.054	0.025	0.032	-0.05 (-0.10, -4.86e-0	0.003	0.039	-0.027	0.020	0.163	-0.03 (-0.07, 0.01)	-0.041	0.024	0.091	-0.04 (-0.09, 0.01)
15336_7	SELM	Q8WWX9	211	0.009	0.013	0.478	0.01 (-0.02, 0.04)	0.738	0.005	-0.010	0.027	0.720	-0.01 (-0.06, 0.04)	0.001	0.409	-0.023	0.023	0.302	-0.02 (-0.07, 0.02)	-0.019	0.023	0.417	-0.02 (-0.06, 0.03)
11481_25	HAVCR2	Q8TDQ0	211	-0.009	0.012	0.478	-0.01 (-0.03, 0.02)	0.738	0.043	-0.032	0.024	0.198	-0.03 (-0.08, 0.02)	0.001	0.280	-0.026	0.021	0.208	-0.03 (-0.07, 0.01)	-0.032	0.022	0.157	-0.03 (-0.08, 0.01)
10955_4	CLEC10A	Q8IUN9	211	0.008	0.012	0.479	0.01 (-0.01, 0.03)	0.739	0.256	-0.035	0.024	0.143	-0.03 (-0.08, 0.01)	0.003	0.036	-0.010	0.023	0.654	-0.01 (-0.06, 0.03)	-0.010	0.022	0.654	-0.01 (-0.05, 0.03)
9745_20	EIF4E2	O60573	211	-0.008	0.012	0.479	-0.01 (-0.03, 0.01)	0.739	0.092	-0.053	0.024	0.030	-0.05 (-0.10, -0.01)	0.003	0.034	-0.035	0.021	0.093	-0.03 (-0.08, 0.01)	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)
18922_27	CD68	P34810	211	0.008	0.012	0.480	0.01 (-0.02, 0.03)	0.739	0.322	-0.021	0.024	0.378	-0.02 (-0.07, 0.03)	0.002	0.155	-0.021	0.021	0.319	-0.02 (-0.06, 0.02)	-0.032	0.024	0.169	-0.03 (-0.08, 0.01)
3897_61	PDXP	Q96GD0	211	-0.010	0.013	0.480	-0.01 (-0.04, 0.02)	0.739	0.007	-0.045	0.027	0.091	-0.05 (-0.10, 0.01)	0.002	0.122	-0.049	0.020	0.014	-0.05 (-0.09, -0.01)	-0.070	0.026	0.007	-0.07 (-0.12, -0.02)
6653_58	CD47	Q08722	211	-0.009	0.013	0.480	-0.01 (-0.03, 0.02)	0.739	0.024	-0.054	0.026	0.036	-0.05 (-0.10, -4.02e-0	0.003	0.043	-0.034	0.021	0.097	-0.03 (-0.07, 0.01)	-0.045	0.025	0.075	-0.05 (-0.09, 4.27e-03)
6361_49	PTPRR	Q15256	211	-0.008	0.012	0.481	-0.01 (-0.03, 0.01)	0.741	0.365	-0.050	0.023	0.034	-0.05 (-0.10, -3.94e-0	0.003	0.041	-0.037	0.021	0.078	-0.04 (-0.08, 4.14e-	-0.027	0.022	0.234	-0.03 (-0.07, 0.02)
5798_3	BID	P55957	211	-0.009	0.013	0.482	-0.01 (-0.03, 0.02)	0.741	0.044	-0.028	0.026	0.274	-0.03 (-0.08, 0.02)	0.001	0.391	-0.034	0.022	0.123	-0.03 (-0.08, 0.01)	-0.027	0.026	0.289	-0.03 (-0.08, 0.02)
5489_18	STIP1	P31948	211	-0.008	0.012	0.482	-0.01 (-0.03, 0.01)	0.742	0.133	-0.033	0.025	0.185	-0.03 (-0.08, 0.02)	0.002	0.251	-0.043	0.020	0.028	-0.04 (-0.08, -4.72e-	-0.041	0.024	0.089	-0.04 (-0.09, 0.01)
8303_102	C12orf10	Q9HB07	211	-0.009	0.013	0.482	-0.01 (-0.03, 0.02)	0.742	0.024	-0.045	0.026	0.083	-0.04 (-0.10, 0.01)	0.002	0.111	-0.051	0.020	0.011	-0.05 (-0.09, -0.01)	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)
14291_53	AGAP2	Q99490	211	-0.008	0.012	0.483	-0.01 (-0.03, 0.02)	0.742	0.051	-0.027	0.026	0.287	-0.03 (-0.08, 0.02)	0.001	0.393	-0.029	0.025	0.258	-0.03 (-0.08, 0.02)	-0.039	0.025	0.118	-0.04 (-0.09, 0.01)
18255_6	CYB5R1	Q9UHQ9	211	0.008	0.012	0.483	0.01 (-0.01, 0.03)	0.742	0.064	-0.054	0.025	0.031	-0.05 (-0.10, -0.01)	0.004	0.004	-0.012	0.023	0.619	-0.01 (-0.06, 0.03)	0.001	0.025	0.958	1.31e-03 (-0.05, 0.05)
5026_66	RPS3	P23396	211	0.009	0.013	0.482	0.01 (-0.02, 0.03)	0.742	0.019	-0.051	0.025	0.048	-0.05 (-0.10, -7.98e-0	0.004	0.007	-0.006	0.020	0.783	-0.01 (-0.04, 0.03)	-0.037	0.025	0.152	-0.04 (-0.09, 0.01)
8962_48	RPS6KB1	P23443	211	0.008	0.012	0.483	0.01 (-0.02, 0.03)	0.742	0.350	-0.032	0.024	0.189	-0.03 (-0.08, 0.02)	0.003	0.054	0.010	0.025	0.678	0.01 (-0.04, 0.06)	0.011	0.024	0.656	0.01 (-0.04, 0.06)
3903_49	SNX4	O95219	211	-0.009	0.013	0.483	-0.01 (-0.04, 0.02)	0.742	0.037	-0.013	0.026	0.614	-0.01 (-0.06, 0.04)	0.000	0.860	-0.056	0.021	0.008	-0.06 (-0.10, -0.01)	-0.054	0.026	0.037	-0.05 (-0.11, -3.46e-03)
13644_30	HGS	O14964	211	-0.008	0.012	0.484	-0.01 (-0.03, 0.02)	0.743	0.258	-0.027	0.025	0.274	-0.03 (-0.08, 0.02)	0.001	0.383	-0.035	0.023	0.129	-0.04 (-0.08, 0.01)	-0.025	0.025	0.313	-0.03 (-0.07, 0.02)
13932_45	ARHGEF7	Q14155	211	0.009	0.013	0.484	0.01 (-0.02, 0.04)	0.743	0.010	-0.069	0.025	0.007	-0.07 (-0.12, -0.02)	0.005	4.36E-04	0.000	0.020	0.983	4.21e-04 (-0.04, 0.0	-0.009	0.024	0.722	-0.01 (-0.06, 0.04)
15455_40	ADAM15	Q13444	211	-0.008	0.012	0.484	-0.01 (-0.03, 0.01)	0.743	0.110	-0.045	0.024	0.066	-0.04 (-0.09, 2.64e-03	0.002	0.081	-0.037	0.020	0.073	-0.04 (-0.08, 3.41e-	-0.030	0.025	0.231	-0.03 (-0.08, 0.02)
19183_164	RPL12	P30050	211	0.009	0.013	0.484	0.01 (-0.02, 0.04)	0.743	0.003	-0.054	0.026	0.042	-0.05 (-0.10, -2.18e-0	0.004	0.006	-0.021	0.019	0.271	-0.02 (-0.06, 0.02)	-0.058	0.024	0.018	-0.06 (-0.11, -0.01)
3201_49	KLK5	Q9Y337	211	0.008	0.012	0.484	0.01 (-0.01, 0.03)	0.743	0.718	-0.009	0.023	0.697	-0.01 (-0.05, 0.04)	0.001	0.390	-0.013	0.022	0.545	-0.01 (-0.06, 0.03)	0.003	0.024	0.909	2.72e-03 (-0.04, 0.05)
3836_51	UFM1	P61960	211	-0.008	0.012	0.484	-0.01 (-0.03, 0.02)	0.743	0.099	-0.036	0.025	0.158	-0.04 (-0.09, 0.01)	0.002	0.211	-0.047	0.022	0.031	-0.05 (-0.09, -4.21e-	-0.060	0.025	0.018	-0.06 (-0.11, -0.01)
5605_77	MFNG	O00587	211	0.008	0.012	0.484	0.01 (-0.01, 0.03)	0.743	0.655	0.022	0.023	0.341	0.02 (-0.02, 0.07)	-0.001	0.488	0.010	0.023	0.671	0.01 (-0.04, 0.05)	-0.001	0.024	0.958	-1.25e-03 (-0.05, 0.05)
13683_18	CLCNKB	P51801	211	0.009	0.013	0.485	0.01 (-0.02, 0.04)	0.743	2.64E-04	-0.037	0.027	0.170	-0.04 (-0.09, 0.02)	0.003	0.047	-0.028	0.022	0.195	-0.03 (-0.07, 0.01)	-0.028	0.025	0.256	-0.03 (-0.08, 0.02)
19229_92	HOMER1	Q86YM7	211	-0.009	0.012	0.485	-0.01 (-0.03, 0.02)	0.743	0.365	-0.046	0.025	0.062	-0.05 (-0.09, 2.06e-03	0.002	0.078	-0.033	0.020	0.110	-0.03 (-0.07, 0.01)	-0.062	0.026	0.020	-0.06 (-0.11, -0.01)
5256_86	PDE5A	O76074	211	-0.009	0.014	0.485	-0.01 (-0.04, 0.02)	0.743	0.004	-0.039	0.027	0.150	-0.04 (-0.09, 0.01)	0.002	0.207	-0.045	0.020	0.025	-0.05 (-0.08, -0.01)	-0.065	0.026	0.013	-0.07 (-0.12, -0.01)
13982_33	RGS18	Q9NS28	211	-0.009	0.013	0.485	-0.01 (-0.03, 0.02)	0.743	0.030	-0.028	0.026	0.268	-0.03 (-0.08, 0.02)	0.001	0.381	-0.033	0.022	0.123	-0.03 (-0.08, 0.01)	-0.036	0.026	0.161	-0.04 (-0.09, 0.01)
11464_9	RELB	Q01201	211	0.009	0.013	0.486	0.01 (-0.02, 0.03)	0.744	0.036	-0.052	0.025	0.042	-0.05 (-0.10, -2.23e-0	0.004	0.006	-0.013	0.024	0.602	-0.01 (-0.06, 0.03)	-0.010	0.023	0.677	-0.01 (-0.05, 0.04)
11371_1	GPR101	Q96P66	211	0.008	0.012	0.486	0.01 (-0.01, 0.03)	0.744	0.526	-0.051	0.023	0.030	-0.05 (-0.10, -0.01)	0.004	0.004	-0.014	0.021	0.501	-0.01 (-0.05, 0.03)	-0.014	0.022	0.538	-0.01 (-0.06, 0.03)
10336_3	STUB1	Q9UNE7	211	0.009	0.013	0.487	0.01 (-0.02, 0.03)	0.745	0.049	-0.020	0.025	0.432	-0.02 (-0.07, 0.03)	0.002	0.189	-0.007	0.019	0.699	-0.01 (-0.04, 0.03)	-0.040	0.024	0.093	-0.04 (-0.09, 0.01)
10939_16	PLEKHA4	Q9H4M7	211	0.008	0.012	0.488	0.01 (-0.01, 0.03)	0.745	0.157	-0.045	0.024	0.065	-0.04 (-0.09, 2.47e-03	0.003	0.012	-0.012	0.022	0.598	-0.01 (-0.05, 0.03)	-0.010	0.022	0.664	-0.01 (-0.05, 0.03)
11388_75	WFDC2	Q14508	211	0.009	0.013	0.488	0.01 (-0.02, 0.04)	0.745	0.004	-0.001	0.027	0.982	-6.00e-04 (-0.05, 0.05	0.001	0.668	0.010	0.025	0.688	0.01 (-0.04, 0.06)	0.008	0.027	0.768	0.01 (-0.04, 0.06)
2443_10	FGF8	P55075	211	0.008	0.012	0.487	0.01 (-0.02, 0.03)	0.745	0.120	-0.048	0.024	0.054	-0.05 (-0.10, 5.08e-04	0.004	0.009	-0.014	0.020	0.495	-0.01 (-0.05, 0.03)	-0.014	0.025	0.555	-0.01 (-0.06, 0.03)
2640_3	MST1R	Q04912	211	0.009	0.013	0.487	0.01 (-0.02, 0.04)	0.745	0.004	-0.063	0.026	0.016	-0.06 (-0.11, -0.01)	0.005	0.001	-0.013	0.021	0.538	-0.01 (-0.05, 0.03)	-0.019	0.023	0.427	-0.02 (-0.06, 0.03)
6577_64	LAMA4	Q16363	211	0.009	0.013	0.487	0.01 (-0.02, 0.03)	0.745	0.012	-0.043	0.026	0.096	-0.04 (-0.09, 0.01)	0.003	0.020	-0.003	0.019	0.892	-2.61e-03 (-0.04, 0.	-0.024	0.022	0.289	-0.02 (-0.07, 0.02)
16035_8	FLT4	P35916	211	0.008	0.012	0.488	0.01 (-0.01, 0.03)	0.745	0.083	0.007	0.025	0.775	0.01 (-0.04, 0.06)	0.000	0.962	0.006	0.024	0.792	0.01 (-0.04, 0.05)	0.004	0.022	0.843	4.36e-03 (-0.04, 0.05)
3323_37	LRP8	Q14114	211	-0.009	0.014	0.489	-0.01 (-0.04, 0.02)	0.745	0.003	0.004	0.027	0.893	3.66e-03 (-0.05, 0.06)	-0.001	0.576	-0.025	0.023	0.275	-0.03 (-0.07, 0.02)	-0.012	0.025	0.632	-0.01 (-0.06, 0.04)
5006_71	MAPK13	O15264	211	0.008	0.012	0.489	0.01 (-0.01, 0.03)	0.745	0.172	-0.067	0.024	0.005	-0.07 (-0.11, -0.02)	0.005	3.21E-04	-0.011	0.019	0.578	-0.01 (-0.05, 0.03)	-0.035	0.024	0.141	-0.04 (-0.08, 0.01)
6151_18	MAP2K3	P46734	211	-0.008	0.012	0.489	-0.01 (-0.03, 0.02)	0.745	0.109	-0.054	0.025	0.030	-0.05 (-0.10, -0.01)	0.003	0.033	-0.030	0.020	0.125	-0.03 (-0.07, 0.01)	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)
12991_49	CUL9	Q8IWT3	211	0.008	0.012	0.489	0.01 (-0.01, 0.03)	0.745	0.180	-0.045	0.024	0.062	-0.04 (-0.09, 1.95e-03	0.003	0.011	-0.033	0.021	0.129	-0.03 (-0.07, 0.01)	-0.020	0.022	0.348	-0.02 (-0.06, 0.02)
19341_36	ACBD6	Q9BR61	211	-0.008	0.012	0.489	-0.01 (-0.03, 0.02)	0.745	0.136	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.002	0.142	-0.048	0.023	0.034	-0.05 (-0.09, -3.61e-	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)
2797_56	APOB	P04114	211	0.017	0.024	0.489	0.02 (-0.03, 0.06)	0.745	3.16E-73	0.009	0.049	0.850	0.01 (-0.09, 0.10)	0.000	0.855	0.067	0.022	0.002	0.07 (0.02, 0.11)	0.070	0.025	0.006	0.07 (0.02, 0.12)
5339_49	S100A9	P06702	211	0.010	0.014	0.489	0.01 (-0.02, 0.04)	0.745	0.001	-0.060	0.027	0.026	-0.06 (-0.11, -0.01)	0.004	0.003	-0.027	0.020	0.182	-0.03 (-0.07, 0.01)	-0.044	0.027	0.102	-0.04 (-0.10, 0.01)
14134_49	AMIGO2	Q86SJ2	211	0.009	0.013	0.490	0.01 (-0.02, 0.04)	0.746	0.014	0.022	0.026	0.394	0.02 (-0.03, 0.07)	-0.001	0.560	-0.002	0.025	0.936	-1.99e-03 (-0.05, 0.	0.025	0.026	0.341	0.03 (-0.03, 0.08)
15387_44	NRP2	O60462	211	-0.010	0.014	0.490	-0.01 (-0.04, 0.02)	0.746	0.003	0.010	0.028	0.724	0.01 (-0.04, 0.06)	-0.001	0.419	-0.008	0.027	0.756	-0.01 (-0.06, 0.05)	-0.009	0.026	0.729	-0.01 (-0.06, 0.04)
8924_55	CALY	Q9NYX4	211	0.008	0.011	0.490	0.01 (-0.01, 0.03)	0.746	0.127	-0.023	0.022	0.305	-0.02 (-0.07, 0.02)	0.002	0.104	-0.001	0.023	0.957	-1.25e-03 (-0.05, 0.	-0.003	0.021	0.881	-3.14e-03 (-0.04, 0.04)
11247_20	NAGS	Q8N159	211	0.009	0.013	0.491	0.01 (-0.02, 0.03)	0.747	0.017	-0.053	0.025	0.035	-0.05 (-0.10, -4.13e-0	0.004	0.005	-0.010	0.021	0.648	-0.01 (-0.05, 0.03)	-0.016	0.024	0.495	-0.02 (-0.06, 0.03)
11370_20	INPP5E	Q9NRR6	211	0.009	0.013	0.492	0.01 (-0.02, 0.03)	0.748	0.025	-0.052	0.025	0.042	-0.05 (-0.10, -2.21e-0	0.004	0.006	-0.019	0.021	0.354	-0.02 (-0.06, 0.02)	-0.022	0.023	0.357	-0.02 (-0.07, 0.02)
11566_48	KRT72	Q14CN4	211	0.009	0.013	0.492	0.01 (-0.02, 0.03)	0.748	0.023	-0.027	0.025	0.273	-0.03 (-0.08, 0.02)	0.002	0.094	0.005	0.024	0.846	4.64e-03 (-0.04, 0.0	-0.013	0.023	0.570	-0.01 (-0.06, 0.03)
2831_29	KLK11	Q9UBX7	211	0.008	0.012	0.493	0.01 (-0.02, 0.03)	0.749	0.238	0.013	0.024	0.597	0.01 (-0.03, 0.06)	0.000	0.831	-0.001	0.026	0.970	-9.68e-04 (-0.05, 0.	0.004	0.024	0.859	4.23e-03 (-0.04, 0.05)
17712_7	IDI1	Q13907	211	-0.009	0.013	0.493	-0.01 (-0.03, 0.02)	0.749	0.024	-0.040	0.026	0.131	-0.04 (-0.09, 0.01)	0.002	0.178	-0.034	0.022	0.125	-0.03 (-0.08, 0.01)	-0.031	0.023	0.188	-0.03 (-0.08, 0.01)
14026_24	IL17F	Q96PD4	211	0.008	0.012	0.493	0.01 (-0.01, 0.03)	0.749	0.582	-0.042	0.023	0.069	-0.04 (-0.09, 3.10e-03	0.003	0.013	0.008	0.020	0.695	0.01 (-0.03, 0.05)	0.001	0.023	0.955	1.30e-03 (-0.04, 0.05)
17828_3	S100A14	Q9HCY8	211	0.008	0.012	0.493	0.01 (-0.02, 0.03)	0.749	0.081	-0.036	0.025	0.154	-0.04 (-0.08, 0.01)	0.003	0.043	-0.023	0.020	0.248	-0.02 (-0.06, 0.02)	-0.017	0.024	0.484	-0.02 (-0.06, 0.03)
8080_24	MSMP	Q1L6U9	211	0.010	0.015	0.494	0.01 (-0.02, 0.04)	0.749	4.61E-06	0.042	0.030	0.159	0.04 (-0.02, 0.10)	-0.002	0.218	0.030	0.022	0.160	0.03 (-0.01, 0.07)	0.034	0.026	0.181	0.03 (-0.02, 0.08)
9235_3	PLXDC1	Q8IUK5	211	-0.010	0.014	0.494	-0.01 (-0.04, 0.02)	0.750	2.95E-04	-0.040	0.028	0.155	-0.04 (-0.10, 0.01)	0.002	0.212	-0.031	0.023	0.178	-0.03 (-0.08, 0.01)	-0.031	0.024	0.208	-0.03 (-0.08, 0.02)
9874_28	CDKN2B	P42772	211	0.008	0.012	0.494	0.01 (-0.02, 0.03)	0.750	0.176	-0.038	0.024	0.112	-0.04 (-0.09, 0.01)	0.003	0.026	-0.013	0.023	0.569	-0.01 (-0.06, 0.03)	-0.007	0.024	0.775	-0.01 (-0.05, 0.04)
7092_7	PDILT	Q8N807	211	0.008	0.012	0.495	0.01 (-0.02, 0.03)	0.750	0.124	-0.030	0.025	0.218	-0.03 (-0.08, 0.02)	0.002	0.072	-0.018	0.022	0.429	-0.02 (-0.06, 0.03)	-0.008	0.022	0.728	-0.01 (-0.05, 0.04)
11289_31	CSNK1D	P48730	211	0.009	0.013	0.495	0.01 (-0.02, 0.03)	0.750	0.015	-0.049	0.025	0.056	-0.05 (-0.10, 9.12e-04	0.004	0.009	-0.030	0.022	0.170	-0.03 (-0.07, 0.01)	-0.026	0.022	0.246	-0.03 (-0.07, 0.02)
12591_27	OPHN1	O60890	211	-0.008	0.012	0.495	-0.01 (-0.03, 0.02)	0.750	0.085	-0.024	0.025	0.352	-0.02 (-0.07, 0.03)	0.001	0.480	-0.039	0.023	0.082	-0.04 (-0.08, 0.01)	-0.035	0.024	0.138	-0.04 (-0.08, 0.01)
17326_44	DUSP23	Q9BVJ7	211	0.008	0.012	0.495	0.01 (-0.01, 0.03)	0.750	0.207	-0.032	0.024	0.186	-0.03 (-0.08, 0.01)	0.002	0.056	-0.016	0.023	0.500	-0.02 (-0.06, 0.03)	-0.007	0.023	0.761	-0.01 (-0.05, 0.04)
5014_49	NCK1	P16333	211	0.009	0.013	0.495	0.01 (-0.02, 0.03)	0.750	0.029	-0.020	0.026	0.434	-0.02 (-0.07, 0.03)	0.002	0.193	-0.017	0.021	0.421	-0.02 (-0.06, 0.02)	-0.024	0.024	0.319	-0.02 (-0.07, 0.02)
9032_30	ROS1	P08922	211	0.009	0.013	0.495	0.01 (-0.02, 0.04)	0.750	0.004	-0.063	0.026	0.016	-0.06 (-0.11, -0.01)	0.005	0.001	-0.016	0.021	0.463	-0.02 (-0.06, 0.03)	-0.011	0.022	0.629	-0.01 (-0.05, 0.03)
8887_21	NUDC	Q9Y266	211	-0.008	0.012	0.496	-0.01 (-0.03, 0.02)	0.750	0.165	-0.047	0.025	0.062	-0.05 (-0.10, 2.03e-03	0.002	0.074	-0.049	0.020	0.017	-0.05 (-0.09, -0.01)	-0.055	0.025	0.026	-0.06 (-0.10, -0.01)
18232_42	PIP4K2B	P78356	211	-0.009	0.013	0.496	-0.01 (-0.03, 0.02)	0.751	0.040	-0.029	0.026	0.256	-0.03 (-0.08, 0.02)	0.001	0.358	-0.052	0.022	0.017	-0.05 (-0.09, -0.01)	-0.047	0.024	0.050	-0.05 (-0.09, -3.45e-04)
13948_50	GABBR2	O75899	211	0.008	0.012	0.496	0.01 (-0.01, 0.03)	0.751	0.157	-0.028	0.024	0.240	-0.03 (-0.08, 0.02)	0.002	0.082	-0.025	0.018	0.167	-0.03 (-0.06, 0.01)	-0.034	0.023	0.141	-0.03 (-0.08, 0.01)
15678_71	DKK2	Q9UBU2	211	-0.010	0.015	0.497	-0.01 (-0.04, 0.02)	0.751	9.13E-06	-0.041	0.029	0.168	-0.04 (-0.10, 0.02)	0.002	0.230	-0.036	0.024	0.127	-0.04 (-0.08, 0.01)	-0.037	0.025	0.143	-0.04 (-0.09, 0.01)
12940_35	ALDH3B1	P43353	211	-0.008	0.012	0.497	-0.01 (-0.03, 0.01)	0.751	0.517	-0.056	0.023	0.016	-0.06 (-0.10, -0.01)	0.003	0.017	-0.020	0.021	0.340	-0.02 (-0.06, 0.02)	-0.025	0.024	0.310	-0.02 (-0.07, 0.02)
11204_80	CXADR	P78310	211	-0.009	0.013	0.497	-0.01 (-0.03, 0.02)	0.751	0.050	-0.069	0.025	0.006	-0.07 (-0.12, -0.02)	0.004	0.005	-0.038	0.021	0.065	-0.04 (-0.08, 2.40e-	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)
19176_27	FAM49B	Q9NUQ9	211	-0.009	0.013	0.497	-0.01 (-0.03, 0.02)	0.751	0.021	-0.059	0.025	0.020	-0.06 (-0.11, -0.01)	0.003	0.022	-0.039	0.020	0.051	-0.04 (-0.08, 1.76e-	-0.048	0.023	0.035	-0.05 (-0.09, -3.58e-03)
12368_18	KAT2B	Q92831	211	0.008	0.012	0.497	0.01 (-0.02, 0.03)	0.752	0.071	-0.020	0.025	0.426	-0.02 (-0.07, 0.03)	0.002	0.197	-0.026	0.022	0.233	-0.03 (-0.07, 0.02)	-0.024	0.025	0.348	-0.02 (-0.07, 0.03)
14052_26	UNC13A	Q9UPW8	211	0.008	0.012	0.498	0.01 (-0.01, 0.03)	0.752	0.208	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)	0.002	0.058	-0.038	0.019	0.050	-0.04 (-0.08, 3.44e-	-0.038	0.025	0.128	-0.04 (-0.09, 0.01)
9748_31	GSTM3	P21266	211	-0.008	0.012	0.498	-0.01 (-0.03, 0.02)	0.752	0.649	-0.013	0.024	0.591	-0.01 (-0.06, 0.03)	0.000	0.819	0.006	0.023	0.809	0.01 (-0.04, 0.05)	0.003	0.025	0.917	2.62e-03 (-0.05, 0.05)
11260_47	SUN5	Q8TC36	211	-0.009	0.013	0.499	-0.01 (-0.03, 0.02)	0.753	0.042	-0.044	0.026	0.085	-0.04 (-0.09, 0.01)	0.002	0.110	-0.037	0.022	0.089	-0.04 (-0.08, 0.01)	-0.037	0.023	0.100	-0.04 (-0.08, 0.01)
11401_181	RNF146	Q9NTX7	211	0.008	0.012	0.499	0.01 (-0.02, 0.03)	0.753	0.288	-0.033	0.023	0.160	-0.03 (-0.08, 0.01)	0.003	0.044	0.000	0.024	0.997	8.45e-05 (-0.05, 0.0	0.013	0.023	0.578	0.01 (-0.03, 0.06)
5755_29	GIP	P09681	211	0.008	0.012	0.499	0.01 (-0.01, 0.03)	0.753	0.313	-0.022	0.024	0.354	-0.02 (-0.07, 0.02)	0.002	0.145	-0.017	0.021	0.407	-0.02 (-0.06, 0.02)	-0.017	0.022	0.460	-0.02 (-0.06, 0.03)
8687_26	TMEM106B	Q9NUM4	211	0.011	0.017	0.499	0.01 (-0.02, 0.04)	0.753	5.81E-17	0.002	0.033	0.950	2.08e-03 (-0.06, 0.07)	0.001	0.749	-0.012	0.022	0.575	-0.01 (-0.05, 0.03)	-0.010	0.023	0.664	-0.01 (-0.05, 0.03)
10948_14	PLD3	Q8IV08	211	-0.008	0.012	0.500	-0.01 (-0.03, 0.02)	0.753	0.175	-0.033	0.024	0.175	-0.03 (-0.08, 0.01)	0.002	0.232	-0.037	0.021	0.081	-0.04 (-0.08, 4.58e-	-0.035	0.025	0.166	-0.03 (-0.08, 0.01)
15482_12	A2ML1	A8K2U0	211	-0.008	0.012	0.500	-0.01 (-0.03, 0.02)	0.753	0.193	-0.035	0.025	0.160	-0.03 (-0.08, 0.01)	0.002	0.212	-0.017	0.025	0.497	-0.02 (-0.07, 0.03)	-0.027	0.025	0.285	-0.03 (-0.08, 0.02)
11667_29	TNS2	Q63HR2	211	0.008	0.012	0.500	0.01 (-0.01, 0.03)	0.753	0.692	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)	0.004	0.003	-0.033	0.020	0.105	-0.03 (-0.07, 0.01)	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)
13539_131	KCNN1	Q92952	211	0.008	0.012	0.500	0.01 (-0.02, 0.03)	0.753	0.075	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.001	-0.029	0.022	0.196	-0.03 (-0.07, 0.01)	-0.021	0.023	0.356	-0.02 (-0.07, 0.02)
17155_1	VPS28	Q9UK41	211	-0.010	0.015	0.500	-0.01 (-0.04, 0.02)	0.753	1.04E-05	-0.071	0.028	0.014	-0.07 (-0.13, -0.02)	0.004	0.014	-0.030	0.024	0.211	-0.03 (-0.08, 0.02)	-0.028	0.025	0.270	-0.03 (-0.08, 0.02)
8906_60	LRTM2	Q8N967	211	0.009	0.013	0.500	0.01 (-0.02, 0.03)	0.753	0.021	-0.038	0.026	0.137	-0.04 (-0.09, 0.01)	0.003	0.035	-0.016	0.022	0.464	-0.02 (-0.06, 0.03)	-0.014	0.023	0.530	-0.01 (-0.06, 0.03)
10889_2	MRAP2	Q96G30	211	0.008	0.012	0.501	0.01 (-0.02, 0.03)	0.754	0.092	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)	0.003	0.033	-0.027	0.022	0.211	-0.03 (-0.07, 0.02)	-0.035	0.024	0.149	-0.03 (-0.08, 0.01)
5249_31	STK17B	O94768	211	0.009	0.013	0.501	0.01 (-0.02, 0.03)	0.754	0.003	-0.051	0.026	0.052	-0.05 (-0.10, 8.01e-05	0.004	0.008	-0.020	0.024	0.409	-0.02 (-0.07, 0.03)	-0.017	0.023	0.462	-0.02 (-0.06, 0.03)
11683_19	GGA3	Q9NZ52	211	-0.008	0.012	0.502	-0.01 (-0.03, 0.02)	0.755	0.055	-0.034	0.026	0.183	-0.03 (-0.08, 0.02)	0.002	0.238	-0.033	0.021	0.110	-0.03 (-0.07, 0.01)	-0.047	0.025	0.067	-0.05 (-0.10, 3.03e-03)
12727_7	PTGFRN	Q9P2B2	211	-0.009	0.014	0.502	-0.01 (-0.04, 0.02)	0.755	0.006	0.007	0.027	0.805	0.01 (-0.05, 0.06)	-0.001	0.499	-0.012	0.024	0.608	-0.01 (-0.06, 0.03)	-0.001	0.025	0.956	-1.41e-03 (-0.05, 0.05)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
16074_12	GRAP2	O75791	211	0.008	0.012	0.503	0.01 (-0.02, 0.03)	0.755	0.148	-0.034	0.025	0.167	-0.03 (-0.08, 0.01)	0.003	0.049	-0.021	0.020	0.294	-0.02 (-0.06, 0.02)	-0.035	0.025	0.173	-0.03 (-0.08, 0.01)
3499_77	IL17B	Q9UHF5	211	0.008	0.013	0.503	0.01 (-0.02, 0.03)	0.755	0.045	-0.038	0.025	0.124	-0.04 (-0.09, 0.01)	0.003	0.030	-0.009	0.024	0.698	-0.01 (-0.06, 0.04)	-0.006	0.025	0.817	-0.01 (-0.05, 0.04)
5621_64	THSD1	Q9NS62	211	0.008	0.012	0.502	0.01 (-0.02, 0.03)	0.755	0.369	-0.010	0.024	0.680	-0.01 (-0.06, 0.04)	0.001	0.389	-0.014	0.022	0.515	-0.01 (-0.06, 0.03)	-0.014	0.024	0.562	-0.01 (-0.06, 0.03)
7050_5	NEGR1	Q7Z3B1	211	-0.011	0.016	0.502	-0.01 (-0.04, 0.02)	0.755	2.09E-10	0.016	0.032	0.628	0.02 (-0.05, 0.08)	-0.002	0.344	0.007	0.026	0.780	0.01 (-0.04, 0.06)	0.007	0.026	0.782	0.01 (-0.04, 0.06)
7085_81	CDSN	Q15517	211	0.010	0.015	0.502	0.01 (-0.02, 0.04)	0.755	4.46E-05	-0.010	0.029	0.720	-0.01 (-0.07, 0.05)	0.001	0.420	-0.023	0.021	0.261	-0.02 (-0.06, 0.02)	-0.021	0.023	0.366	-0.02 (-0.07, 0.02)
10430_31	SLC3A2	P08195	211	0.008	0.012	0.503	0.01 (-0.02, 0.03)	0.755	0.602	-0.049	0.023	0.036	-0.05 (-0.09, -3.52e-0	0.004	0.005	-0.025	0.022	0.255	-0.02 (-0.07, 0.02)	-0.019	0.024	0.422	-0.02 (-0.07, 0.03)
3037_62	IL1B	P01584	211	0.008	0.012	0.503	0.01 (-0.02, 0.03)	0.755	0.193	-0.031	0.025	0.203	-0.03 (-0.08, 0.02)	0.002	0.065	-0.026	0.022	0.239	-0.03 (-0.07, 0.02)	-0.027	0.026	0.292	-0.03 (-0.08, 0.02)
13097_11	BCL2L2	Q92843	211	-0.008	0.012	0.504	-0.01 (-0.03, 0.02)	0.755	0.087	-0.047	0.025	0.058	-0.05 (-0.10, 1.32e-03	0.002	0.067	-0.031	0.024	0.200	-0.03 (-0.08, 0.02)	-0.026	0.024	0.286	-0.03 (-0.07, 0.02)
18905_5	KRT16	P08779	211	0.008	0.012	0.504	0.01 (-0.01, 0.03)	0.755	0.423	0.006	0.023	0.789	0.01 (-0.04, 0.05)	0.000	0.940	-0.014	0.020	0.474	-0.01 (-0.05, 0.02)	-0.010	0.023	0.663	-0.01 (-0.06, 0.04)
16807_35	TNNT3	P45378	211	0.009	0.013	0.505	0.01 (-0.02, 0.03)	0.757	0.008	-0.073	0.026	0.005	-0.07 (-0.12, -0.02)	0.005	2.76E-04	-0.016	0.021	0.429	-0.02 (-0.06, 0.02)	-0.022	0.024	0.366	-0.02 (-0.07, 0.03)
16852_10	PDZK1	Q5T2W1	211	0.008	0.012	0.506	0.01 (-0.02, 0.03)	0.757	0.053	-0.057	0.025	0.021	-0.06 (-0.11, -0.01)	0.004	0.003	-0.027	0.021	0.195	-0.03 (-0.07, 0.01)	-0.021	0.022	0.347	-0.02 (-0.07, 0.02)
18841_1	SERPINB1	Q9UIV8	211	-0.009	0.014	0.506	-0.01 (-0.04, 0.02)	0.757	0.007	-0.011	0.027	0.695	-0.01 (-0.06, 0.04)	0.000	0.945	-0.026	0.026	0.312	-0.03 (-0.08, 0.02)	-0.033	0.024	0.164	-0.03 (-0.08, 0.01)
19207_119	ADK	P55263	211	-0.009	0.014	0.506	-0.01 (-0.04, 0.02)	0.757	1.29E-04	-0.036	0.028	0.201	-0.04 (-0.09, 0.02)	0.002	0.274	-0.044	0.023	0.053	-0.04 (-0.09, 5.48e-	-0.047	0.025	0.058	-0.05 (-0.10, 1.32e-03)
6256_9	LY6G6C	O95867	211	-0.009	0.013	0.506	-0.01 (-0.03, 0.02)	0.757	0.036	-0.066	0.025	0.009	-0.07 (-0.11, -0.02)	0.004	0.009	-0.043	0.020	0.034	-0.04 (-0.08, -3.34e-	-0.064	0.025	0.013	-0.06 (-0.11, -0.01)
9095_5	MTFR1	Q15390	211	-0.008	0.013	0.505	-0.01 (-0.03, 0.02)	0.757	0.047	-0.049	0.025	0.048	-0.05 (-0.10, -7.40e-0	0.003	0.057	-0.028	0.020	0.161	-0.03 (-0.07, 0.01)	-0.043	0.025	0.082	-0.04 (-0.09, 0.01)
2966_65	CLEC11A	Q9Y240	211	0.010	0.014	0.506	0.01 (-0.02, 0.04)	0.758	2.14E-04	0.024	0.029	0.411	0.02 (-0.03, 0.08)	-0.001	0.571	-0.003	0.025	0.904	-2.98e-03 (-0.05, 0.0	-0.008	0.027	0.782	-0.01 (-0.06, 0.05)
12882_7	PARP11	Q9NR21	211	0.008	0.012	0.508	0.01 (-0.02, 0.03)	0.759	0.198	-0.057	0.024	0.017	-0.06 (-0.10, -0.01)	0.004	0.002	-0.013	0.022	0.566	-0.01 (-0.06, 0.03)	-0.011	0.024	0.641	-0.01 (-0.06, 0.04)
19258_24	GCDH	Q92947	211	-0.008	0.012	0.508	-0.01 (-0.03, 0.01)	0.759	0.711	-0.023	0.023	0.307	-0.02 (-0.07, 0.02)	0.001	0.426	-0.018	0.024	0.441	-0.02 (-0.07, 0.03)	-0.007	0.024	0.780	-0.01 (-0.05, 0.04)
3171_57	APP	P05067	211	-0.010	0.014	0.508	-0.01 (-0.04, 0.02)	0.759	2.63E-05	-0.039	0.029	0.175	-0.04 (-0.10, 0.02)	0.002	0.236	-0.041	0.024	0.087	-0.04 (-0.09, 0.01)	-0.048	0.025	0.051	-0.05 (-0.10, -1.41e-04)
16297_14	ROBO4	Q8WZ75	211	0.008	0.012	0.508	0.01 (-0.01, 0.03)	0.759	0.338	0.012	0.023	0.623	0.01 (-0.03, 0.06)	0.000	0.848	-0.002	0.025	0.931	-2.18e-03 (-0.05, 0.0	-0.003	0.025	0.889	-3.43e-03 (-0.05, 0.04)
11325_8	BTG2	P78543	211	0.009	0.014	0.508	0.01 (-0.02, 0.04)	0.759	0.001	-0.057	0.027	0.036	-0.06 (-0.11, -4.18e-0	0.004	0.005	-0.029	0.022	0.188	-0.03 (-0.07, 0.01)	-0.021	0.024	0.401	-0.02 (-0.07, 0.03)
14675_20	EIF4B	P23588	211	-0.009	0.013	0.509	-0.01 (-0.03, 0.02)	0.760	0.032	-0.051	0.026	0.048	-0.05 (-0.10, -8.30e-0	0.003	0.056	-0.051	0.020	0.012	-0.05 (-0.09, -0.01)	-0.063	0.026	0.018	-0.06 (-0.11, -0.01)
3730_81	TNFRSF4	P43489	211	0.008	0.012	0.509	0.01 (-0.02, 0.03)	0.761	0.454	-0.031	0.023	0.186	-0.03 (-0.08, 0.01)	0.002	0.056	-0.016	0.020	0.424	-0.02 (-0.05, 0.02)	-0.026	0.023	0.258	-0.03 (-0.07, 0.02)
5275_28	VAV1	P15498	211	-0.008	0.012	0.510	-0.01 (-0.03, 0.02)	0.761	0.117	-0.027	0.025	0.281	-0.03 (-0.08, 0.02)	0.001	0.376	-0.038	0.022	0.084	-0.04 (-0.08, 0.01)	-0.039	0.026	0.131	-0.04 (-0.09, 0.01)
11568_2	FKBP1B	P68106	211	-0.009	0.013	0.510	-0.01 (-0.03, 0.02)	0.761	0.016	-0.040	0.026	0.127	-0.04 (-0.09, 0.01)	0.002	0.167	-0.032	0.023	0.170	-0.03 (-0.08, 0.01)	-0.035	0.023	0.139	-0.03 (-0.08, 0.01)
14093_10	FLT3LG	P49771	211	0.008	0.012	0.511	0.01 (-0.02, 0.03)	0.761	0.208	-0.041	0.024	0.087	-0.04 (-0.09, 0.01)	0.003	0.019	-0.005	0.025	0.853	-4.57e-03 (-0.05, 0.0	0.007	0.024	0.777	0.01 (-0.04, 0.05)
17826_341	EEF1D	P29692	211	-0.008	0.012	0.510	-0.01 (-0.03, 0.02)	0.761	0.056	-0.031	0.026	0.222	-0.03 (-0.08, 0.02)	0.001	0.290	-0.051	0.020	0.012	-0.05 (-0.09, -0.01)	-0.050	0.027	0.062	-0.05 (-0.10, 2.23e-03)
15322_35	CRADD	P78560	211	0.009	0.013	0.511	0.01 (-0.02, 0.03)	0.761	0.030	-0.013	0.026	0.608	-0.01 (-0.06, 0.04)	0.001	0.330	-0.020	0.022	0.368	-0.02 (-0.06, 0.02)	-0.014	0.025	0.589	-0.01 (-0.06, 0.04)
15569_15	COL2A1	P02458	211	-0.009	0.014	0.511	-0.01 (-0.04, 0.02)	0.761	0.001	0.019	0.027	0.494	0.02 (-0.03, 0.07)	-0.002	0.240	0.007	0.024	0.766	0.01 (-0.04, 0.05)	-0.007	0.025	0.774	-0.01 (-0.06, 0.04)
11402_17	KMT2C	Q8NEZ4	211	0.008	0.012	0.512	0.01 (-0.02, 0.03)	0.761	0.144	-0.041	0.024	0.090	-0.04 (-0.09, 0.01)	0.003	0.020	-0.025	0.021	0.252	-0.02 (-0.07, 0.02)	-0.024	0.024	0.319	-0.02 (-0.07, 0.02)
14129_1	IFNA7	P01567	211	0.008	0.011	0.512	0.01 (-0.01, 0.03)	0.761	0.263	-0.028	0.023	0.231	-0.03 (-0.07, 0.02)	0.002	0.079	0.004	0.024	0.872	3.83e-03 (-0.04, 0.0	-0.003	0.023	0.913	-2.52e-03 (-0.05, 0.04)
15414_316	LDHA	P00338	211	0.009	0.014	0.512	0.01 (-0.02, 0.04)	0.761	2.80E-04	-0.035	0.028	0.211	-0.03 (-0.09, 0.02)	0.003	0.067	-0.023	0.023	0.331	-0.02 (-0.07, 0.02)	-0.026	0.026	0.318	-0.03 (-0.08, 0.03)
18237_29	NRIP3	Q9NQ35	211	0.008	0.012	0.511	0.01 (-0.02, 0.03)	0.761	0.083	-0.053	0.024	0.030	-0.05 (-0.10, -0.01)	0.004	0.004	-0.037	0.021	0.080	-0.04 (-0.08, 4.37e-	-0.029	0.023	0.211	-0.03 (-0.07, 0.02)
3050_7	VWF	P04275	211	0.008	0.013	0.512	0.01 (-0.02, 0.03)	0.761	0.023	-0.010	0.026	0.694	-0.01 (-0.06, 0.04)	0.001	0.403	0.007	0.023	0.753	0.01 (-0.04, 0.05)	-0.005	0.022	0.829	-4.78e-03 (-0.05, 0.04)
3356_50	CA7	P43166	211	0.008	0.012	0.512	0.01 (-0.02, 0.03)	0.761	0.258	-0.016	0.024	0.517	-0.02 (-0.06, 0.03)	0.001	0.262	-0.012	0.022	0.574	-0.01 (-0.06, 0.03)	-0.014	0.026	0.601	-0.01 (-0.06, 0.04)
6406_3	NMES1	Q9C002	211	-0.008	0.012	0.512	-0.01 (-0.03, 0.02)	0.761	0.142	-0.034	0.025	0.169	-0.03 (-0.08, 0.01)	0.002	0.219	-0.025	0.024	0.292	-0.03 (-0.07, 0.02)	-0.023	0.024	0.324	-0.02 (-0.07, 0.02)
14645_253	GSTA4	O15217	211	0.009	0.014	0.512	0.01 (-0.02, 0.04)	0.762	0.001	-0.061	0.027	0.023	-0.06 (-0.11, -0.01)	0.004	0.003	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	-0.010	0.024	0.679	-0.01 (-0.06, 0.04)
11626_7	UBE2V1	Q13404	211	-0.009	0.013	0.513	-0.01 (-0.03, 0.02)	0.762	0.025	-0.039	0.026	0.129	-0.04 (-0.09, 0.01)	0.002	0.168	-0.035	0.021	0.103	-0.03 (-0.08, 0.01)	-0.038	0.023	0.104	-0.04 (-0.08, 0.01)
12717_65	TOX3	O15405	211	-0.008	0.013	0.513	-0.01 (-0.03, 0.02)	0.762	0.045	-0.036	0.025	0.158	-0.04 (-0.09, 0.01)	0.002	0.209	-0.017	0.021	0.425	-0.02 (-0.06, 0.02)	-0.028	0.023	0.229	-0.03 (-0.07, 0.02)
16765_52	PPBP	P02775	211	-0.009	0.014	0.513	-0.01 (-0.04, 0.02)	0.762	8.56E-05	-0.036	0.028	0.200	-0.04 (-0.09, 0.02)	0.002	0.269	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)	-0.029	0.025	0.248	-0.03 (-0.08, 0.02)
8220_15	C10orf35	Q96D05	211	-0.009	0.013	0.513	-0.01 (-0.03, 0.02)	0.762	0.002	0.009	0.027	0.727	0.01 (-0.04, 0.06)	-0.001	0.436	-0.004	0.024	0.866	-4.07e-03 (-0.05, 0.0	-0.005	0.024	0.849	-4.56e-03 (-0.05, 0.04)
9266_1	TREM1	Q9NP99	211	0.009	0.014	0.514	0.01 (-0.02, 0.04)	0.763	0.008	-0.054	0.026	0.042	-0.05 (-0.11, -2.22e-0	0.004	0.006	-0.036	0.021	0.081	-0.04 (-0.08, 4.50e-	-0.035	0.025	0.164	-0.03 (-0.08, 0.01)
13027_20	CBX7	O95931	211	0.008	0.012	0.515	0.01 (-0.02, 0.03)	0.764	0.088	-0.057	0.024	0.020	-0.06 (-0.10, -0.01)	0.004	0.002	-0.026	0.020	0.200	-0.03 (-0.07, 0.01)	-0.026	0.024	0.268	-0.03 (-0.07, 0.02)
3887_90	KPNB1	Q14974	211	-0.008	0.012	0.515	-0.01 (-0.03, 0.02)	0.764	0.069	-0.034	0.025	0.172	-0.03 (-0.08, 0.01)	0.002	0.219	-0.058	0.019	0.003	-0.06 (-0.10, -0.02)	-0.073	0.027	0.007	-0.07 (-0.13, -0.02)
11382_5	BLVRA	P53004	211	-0.009	0.013	0.515	-0.01 (-0.03, 0.02)	0.764	0.011	-0.035	0.026	0.179	-0.04 (-0.09, 0.02)	0.002	0.239	-0.049	0.021	0.018	-0.05 (-0.09, -0.01)	-0.040	0.024	0.099	-0.04 (-0.09, 0.01)
19504_22	DTYMK	P23919	211	-0.008	0.013	0.516	-0.01 (-0.03, 0.02)	0.764	0.022	-0.041	0.026	0.114	-0.04 (-0.09, 0.01)	0.002	0.147	-0.051	0.021	0.013	-0.05 (-0.09, -0.01)	-0.056	0.023	0.016	-0.06 (-0.10, -0.01)
19563_3	SEZ6L	Q9BYH1	211	-0.010	0.015	0.515	-0.01 (-0.04, 0.02)	0.764	3.27E-07	0.068	0.030	0.023	0.07 (0.01, 0.13)	-0.005	0.003	0.036	0.021	0.086	0.04 (-0.01, 0.08)	0.026	0.024	0.293	0.03 (-0.02, 0.07)
6469_62	LY6G6D	O95868	211	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.764	0.265	-0.042	0.024	0.079	-0.04 (-0.09, 4.63e-03	0.003	0.017	-0.008	0.020	0.697	-0.01 (-0.05, 0.03)	-0.015	0.024	0.542	-0.01 (-0.06, 0.03)
3445_53	IL15RA	Q13261	211	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.764	0.325	-0.061	0.023	0.009	-0.06 (-0.11, -0.02)	0.004	0.001	-0.035	0.019	0.068	-0.03 (-0.07, 2.59e-	-0.043	0.024	0.071	-0.04 (-0.09, 3.46e-03)
3853_56	MDH1	P40925	211	-0.008	0.013	0.516	-0.01 (-0.03, 0.02)	0.764	0.049	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)	0.002	0.109	-0.027	0.022	0.210	-0.03 (-0.07, 0.02)	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)
12341_8	DUSP6	Q16828	211	-0.008	0.013	0.517	-0.01 (-0.03, 0.02)	0.764	0.036	-0.068	0.025	0.007	-0.07 (-0.12, -0.02)	0.004	0.007	-0.040	0.022	0.071	-0.04 (-0.08, 3.32e-	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)
14157_21	YWHAE	P62258	211	0.008	0.012	0.517	0.01 (-0.02, 0.03)	0.764	0.027	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)	0.003	0.058	-0.006	0.019	0.761	-0.01 (-0.04, 0.03)	-0.022	0.022	0.318	-0.02 (-0.07, 0.02)
18829_4	EIF4A1	P60842	211	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.764	0.093	-0.029	0.025	0.248	-0.03 (-0.08, 0.02)	0.002	0.091	-0.025	0.021	0.243	-0.02 (-0.07, 0.02)	-0.023	0.024	0.329	-0.02 (-0.07, 0.02)
7778_104	C9orf89	Q96LW7	211	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.764	0.174	-0.077	0.023	0.001	-0.08 (-0.12, -0.03)	0.005	4.53E-05	-0.013	0.019	0.491	-0.01 (-0.05, 0.02)	-0.029	0.023	0.209	-0.03 (-0.07, 0.02)
4718_5	PPIB	P23284	211	0.008	0.012	0.517	0.01 (-0.02, 0.03)	0.764	0.175	-0.048	0.024	0.050	-0.05 (-0.10, -1.75e-0	0.003	0.009	-0.034	0.021	0.111	-0.03 (-0.08, 0.01)	-0.026	0.025	0.294	-0.03 (-0.07, 0.02)
11281_6	GRB7	Q14451	211	0.009	0.013	0.518	0.01 (-0.02, 0.03)	0.765	0.009	-0.060	0.026	0.021	-0.06 (-0.11, -0.01)	0.004	0.002	-0.022	0.022	0.326	-0.02 (-0.07, 0.02)	-0.022	0.023	0.353	-0.02 (-0.07, 0.02)
18235_16	PGP	A6NDG6	211	0.008	0.012	0.517	0.01 (-0.02, 0.03)	0.765	0.063	-0.036	0.025	0.155	-0.04 (-0.09, 0.01)	0.003	0.046	-0.029	0.023	0.198	-0.03 (-0.07, 0.02)	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)
8328_9	ETNK1	Q9HBU6	211	0.008	0.012	0.518	0.01 (-0.02, 0.03)	0.765	0.192	-0.066	0.024	0.005	-0.07 (-0.11, -0.02)	0.005	3.40E-04	-0.006	0.019	0.749	-0.01 (-0.04, 0.03)	-0.023	0.024	0.327	-0.02 (-0.07, 0.02)
4706_17	EPB41	P11171	211	-0.009	0.013	0.518	-0.01 (-0.04, 0.02)	0.765	0.001	-0.048	0.027	0.074	-0.05 (-0.10, 4.35e-03	0.002	0.090	-0.056	0.019	0.003	-0.06 (-0.09, -0.02)	-0.078	0.024	0.001	-0.08 (-0.13, -0.03)
6624_94	WNT11	O96014	211	0.008	0.013	0.518	0.01 (-0.02, 0.03)	0.765	0.033	-0.056	0.025	0.027	-0.06 (-0.10, -0.01)	0.004	0.003	-0.010	0.019	0.616	-0.01 (-0.05, 0.03)	-0.020	0.023	0.373	-0.02 (-0.06, 0.02)
12811_55	ZNF415	Q09FC8	211	0.008	0.012	0.518	0.01 (-0.02, 0.03)	0.765	0.078	-0.032	0.025	0.189	-0.03 (-0.08, 0.02)	0.003	0.062	-0.011	0.022	0.629	-0.01 (-0.05, 0.03)	0.001	0.021	0.966	8.89e-04 (-0.04, 0.04)
9092_33	ANGPTL1	O95841	211	0.008	0.012	0.518	0.01 (-0.02, 0.03)	0.765	0.312	-0.045	0.024	0.061	-0.04 (-0.09, 1.80e-03	0.003	0.011	-0.017	0.022	0.439	-0.02 (-0.06, 0.03)	-0.019	0.023	0.423	-0.02 (-0.06, 0.03)
12553_5	VRK1	Q99986	211	0.008	0.012	0.519	0.01 (-0.02, 0.03)	0.765	0.503	-0.034	0.023	0.143	-0.03 (-0.08, 0.01)	0.003	0.039	-0.017	0.020	0.414	-0.02 (-0.06, 0.02)	-0.025	0.023	0.284	-0.03 (-0.07, 0.02)
12358_6	IGBP1	P78318	211	-0.008	0.012	0.519	-0.01 (-0.03, 0.02)	0.765	0.097	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)	0.002	0.106	-0.042	0.020	0.037	-0.04 (-0.08, -2.54e-	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)
12462_20	SETMAR	Q53H47	211	0.007	0.012	0.519	0.01 (-0.02, 0.03)	0.765	0.211	-0.029	0.024	0.224	-0.03 (-0.07, 0.02)	0.002	0.076	-0.014	0.023	0.536	-0.01 (-0.06, 0.03)	-0.004	0.023	0.849	-4.43e-03 (-0.05, 0.04)
8318_13	SPRED1	Q7Z699	211	0.008	0.012	0.520	0.01 (-0.02, 0.03)	0.766	0.448	-0.023	0.023	0.322	-0.02 (-0.07, 0.02)	0.002	0.129	-0.017	0.022	0.438	-0.02 (-0.06, 0.03)	-0.019	0.025	0.454	-0.02 (-0.07, 0.03)
15427_35	LOXL3	P58215	211	-0.009	0.013	0.520	-0.01 (-0.04, 0.02)	0.766	0.003	-0.015	0.027	0.587	-0.01 (-0.07, 0.04)	0.000	0.797	-0.021	0.023	0.357	-0.02 (-0.07, 0.02)	-0.022	0.024	0.374	-0.02 (-0.07, 0.03)
5246_64	PDE2A	O00408	211	0.007	0.011	0.520	0.01 (-0.02, 0.03)	0.766	0.145	-0.003	0.024	0.891	-3.30e-03 (-0.05, 0.04	0.001	0.606	0.012	0.025	0.621	0.01 (-0.04, 0.06)	0.019	0.024	0.428	0.02 (-0.03, 0.07)
12670_15	RAD1	O60671	211	-0.008	0.013	0.521	-0.01 (-0.03, 0.02)	0.766	0.009	-0.050	0.026	0.058	-0.05 (-0.10, 1.33e-03	0.003	0.068	-0.039	0.023	0.082	-0.04 (-0.08, 0.01)	-0.029	0.023	0.218	-0.03 (-0.07, 0.02)
14043_12	EEA1	Q15075	211	0.008	0.013	0.521	0.01 (-0.02, 0.03)	0.767	0.019	-0.079	0.025	0.002	-0.08 (-0.13, -0.03)	0.006	6.57E-05	-0.027	0.020	0.170	-0.03 (-0.07, 0.01)	-0.033	0.025	0.190	-0.03 (-0.08, 0.02)
10605_22	APMAP	Q9HDC9	211	-0.008	0.013	0.522	-0.01 (-0.03, 0.02)	0.767	0.038	-0.029	0.025	0.257	-0.03 (-0.08, 0.02)	0.001	0.347	-0.022	0.024	0.361	-0.02 (-0.07, 0.02)	-0.031	0.024	0.183	-0.03 (-0.08, 0.01)
10708_3	GNRH2	O43555	211	-0.008	0.013	0.522	-0.01 (-0.03, 0.02)	0.767	0.027	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.002	0.130	-0.033	0.022	0.137	-0.03 (-0.08, 0.01)	-0.029	0.024	0.227	-0.03 (-0.08, 0.02)
3867_49	SEZ6L2	Q6UXD5	211	-0.009	0.014	0.522	-0.01 (-0.04, 0.02)	0.767	0.008	-0.035	0.027	0.199	-0.03 (-0.09, 0.02)	0.002	0.265	-0.048	0.021	0.024	-0.05 (-0.09, -0.01)	-0.043	0.026	0.101	-0.04 (-0.09, 0.01)
7960_53	POTEG	Q6S5H5	211	0.008	0.013	0.522	0.01 (-0.02, 0.03)	0.767	0.046	-0.047	0.025	0.060	-0.05 (-0.10, 1.79e-03	0.003	0.011	-0.008	0.024	0.738	-0.01 (-0.05, 0.04)	-0.012	0.023	0.587	-0.01 (-0.06, 0.03)
9758_17	RPS4X	P62701	211	0.009	0.014	0.522	0.01 (-0.02, 0.04)	0.767	0.001	-0.061	0.027	0.024	-0.06 (-0.11, -0.01)	0.004	0.003	-0.036	0.020	0.070	-0.04 (-0.07, 2.94e-	-0.055	0.026	0.036	-0.06 (-0.11, -3.91e-03)
5719_66	FAM189A2	Q15884	211	0.007	0.012	0.523	0.01 (-0.02, 0.03)	0.769	0.233	-0.056	0.023	0.017	-0.06 (-0.10, -0.01)	0.004	0.002	-0.007	0.020	0.734	-0.01 (-0.05, 0.03)	-0.021	0.022	0.335	-0.02 (-0.06, 0.02)
6226_69	EFHA1	Q8IYU8	211	-0.008	0.012	0.523	-0.01 (-0.03, 0.02)	0.769	0.096	-0.024	0.025	0.348	-0.02 (-0.07, 0.03)	0.001	0.461	-0.052	0.021	0.013	-0.05 (-0.09, -0.01)	-0.056	0.026	0.030	-0.06 (-0.11, -0.01)
13955_33	DAPK1	P53355	211	-0.009	0.014	0.524	-0.01 (-0.04, 0.02)	0.769	0.001	-0.052	0.027	0.055	-0.05 (-0.11, 8.65e-04	0.003	0.065	-0.053	0.021	0.012	-0.05 (-0.09, -0.01)	-0.048	0.024	0.050	-0.05 (-0.09, -2.43e-04)
13632_10	ZYX	Q15942	211	-0.008	0.012	0.524	-0.01 (-0.03, 0.02)	0.769	0.102	-0.027	0.025	0.295	-0.03 (-0.08, 0.02)	0.001	0.388	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)	-0.034	0.025	0.179	-0.03 (-0.08, 0.02)
10550_37	BMPR1B	O00238	211	0.008	0.012	0.524	0.01 (-0.02, 0.03)	0.770	0.087	-0.068	0.024	0.006	-0.07 (-0.12, -0.02)	0.005	3.94E-04	-0.023	0.022	0.293	-0.02 (-0.07, 0.02)	-0.013	0.025	0.595	-0.01 (-0.06, 0.04)
16748_1	BMP3	P12645	211	0.008	0.012	0.525	0.01 (-0.02, 0.03)	0.770	0.100	-0.058	0.024	0.020	-0.06 (-0.11, -0.01)	0.004	0.002	-0.002	0.022	0.918	-2.27e-03 (-0.05, 0.0	-0.005	0.024	0.829	-0.01 (-0.05, 0.04)
4240_31	PKM2	P14618	211	-0.008	0.013	0.525	-0.01 (-0.03, 0.02)	0.770	0.035	-0.015	0.026	0.560	-0.02 (-0.07, 0.04)	0.000	0.761	-0.022	0.023	0.325	-0.02 (-0.07, 0.02)	-0.025	0.028	0.360	-0.03 (-0.08, 0.03)
11934_9	INTS3	Q68E01	211	0.007	0.012	0.526	0.01 (-0.02, 0.03)	0.771	0.219	-0.052	0.023	0.028	-0.05 (-0.10, -0.01)	0.004	0.004	-0.023	0.018	0.206	-0.02 (-0.06, 0.01)	-0.039	0.023	0.096	-0.04 (-0.08, 0.01)
12622_96	ASH1L	Q9NR48	211	0.007	0.012	0.526	0.01 (-0.02, 0.03)	0.771	0.435	-0.018	0.023	0.429	-0.02 (-0.06, 0.03)	0.002	0.200	-0.007	0.023	0.766	-0.01 (-0.05, 0.04)	-0.008	0.023	0.723	-0.01 (-0.05, 0.04)
12537_88	PURA	Q00577	211	-0.008	0.013	0.526	-0.01 (-0.03, 0.02)	0.771	0.030	-0.039	0.026	0.128	-0.04 (-0.09, 0.01)	0.002	0.163	-0.052	0.021	0.013	-0.05 (-0.09, -0.01)	-0.050	0.026	0.055	-0.05 (-0.10, 6.92e-04)
14599_18	STAB1	Q9NY15	211	0.007	0.012	0.526	0.01 (-0.02, 0.03)	0.771	0.155	-0.044	0.024	0.067	-0.04 (-0.09, 2.85e-03	0.003	0.014	-0.016	0.023	0.485	-0.02 (-0.06, 0.03)	-0.022	0.023	0.338	-0.02 (-0.07, 0.02)
8320_5	SLTM	Q9NWH9	211	0.007	0.011	0.526	0.01 (-0.02, 0.03)	0.771	0.645	-0.032	0.023	0.161	-0.03 (-0.08, 0.01)	0.002	0.047	-0.017	0.020	0.388	-0.02 (-0.06, 0.02)	-0.015	0.023	0.511	-0.01 (-0.06, 0.03)
16914_104	CD14	P08571	211	-0.009	0.014	0.527	-0.01 (-0.04, 0.02)	0.771	0.010	-0.003	0.027	0.898	-3.47e-03 (-0.06, 0.05	0.000	0.827	-0.019	0.025	0.458	-0.02 (-0.07, 0.03)	-0.008	0.026	0.752	-0.01 (-0.06, 0.04)
5691_2	CRISPLD2	Q9H0B8	211	0.009	0.014	0.527	0.01 (-0.02, 0.04)	0.771	0.026	-0.059	0.027	0.029	-0.06 (-0.11, -0.01)	0.004	0.004	0.002	0.020	0.938	1.58e-03 (-0.04, 0.0	-0.034	0.029	0.237	-0.03 (-0.09, 0.02)
5723_4	INSL3	P51460	211	0.008	0.013	0.527	0.01 (-0.02, 0.03)	0.771	0.026	-0.052	0.025	0.042	-0.05 (-0.10, -2.24e-0	0.004	0.007	-0.023	0.022	0.293	-0.02 (-0.07, 0.02)	-0.012	0.024	0.618	-0.01 (-0.06, 0.04)
4393_3	FGF16	O43320	211	-0.008	0.013	0.527	-0.01 (-0.03, 0.02)	0.771	0.022	-0.040	0.026	0.125	-0.04 (-0.09, 0.01)	0.002	0.158	-0.042	0.019	0.029	-0.04 (-0.08, -4.26e-	-0.063	0.026	0.017	-0.06 (-0.11, -0.01)
4886_3	CCL7	P80098	211	-0.008	0.012	0.527	-0.01 (-0.03, 0.02)	0.771	0.085	-0.054	0.025	0.032	-0.05 (-0.10, -0.01)	0.003	0.033	-0.047	0.020	0.020	-0.05 (-0.09, -0.01)	-0.046	0.025	0.068	-0.05 (-0.10, 3.23e-03)
4588_1	PPY	P01298	211	-0.012	0.019	0.528	-0.01 (-0.05, 0.03)	0.772	2.70E-29	-0.029	0.039	0.460	-0.03 (-0.10, 0.05)	0.001	0.624	0.047	0.026	0.070	0.05 (-3.84e-03, 0.1	0.061	0.028	0.030	0.06 (0.01, 0.12)
3404_51	TPSG1	Q9NRR2	211	0.007	0.012	0.528	0.01 (-0.02, 0.03)	0.772	0.790	-0.009	0.023	0.679	-0.01 (-0.05, 0.04)	0.001	0.395	-0.006	0.023	0.813	-0.01 (-0.05, 0.04)	0.002	0.025	0.947	1.63e-03 (-0.05, 0.05)
8070_88	DLG4	P78352	211	-0.007	0.012	0.528	-0.01 (-0.03, 0.02)	0.772	0.055	-0.052	0.025	0.038	-0.05 (-0.10, -3.27e-0	0.003	0.039	-0.037	0.020	0.061	-0.04 (-0.08, 1.66e-	-0.044	0.024	0.064	-0.04 (-0.09, 2.35e-03)
5657_28	ST3GAL1	Q11201	211	-0.009	0.014	0.529	-0.01 (-0.04, 0.02)	0.772	0.007	0.043	0.027	0.108	0.04 (-0.01, 0.09)	-0.003	0.026	0.005	0.020	0.815	4.61e-03 (-0.03, 0.0	0.009	0.026	0.722	0.01 (-0.04, 0.06)
10363_13	SMAD3	P84022	211	-0.008	0.013	0.530	-0.01 (-0.03, 0.02)	0.773	0.031	-0.037	0.026	0.160	-0.04 (-0.09, 0.01)	0.002	0.206	-0.041	0.020	0.036	-0.04 (-0.08, -2.68e-	-0.052	0.025	0.042	-0.05 (-0.10, -2.18e-03)
8813_160	TXN	P10599	211	0.007	0.012	0.530	0.01 (-0.02, 0.03)	0.774	0.095	-0.044	0.024	0.070	-0.04 (-0.09, 3.33e-03	0.003	0.015	-0.027	0.021	0.200	-0.03 (-0.07, 0.01)	-0.031	0.022	0.155	-0.03 (-0.07, 0.01)
14284_23	EIF2AK4	Q9P2K8	211	-0.008	0.013	0.530	-0.01 (-0.03, 0.02)	0.774	0.001	-0.043	0.026	0.101	-0.04 (-0.09, 0.01)	0.002	0.125	-0.006	0.024	0.791	-0.01 (-0.05, 0.04)	-0.011	0.023	0.638	-0.01 (-0.06, 0.03)
8014_359	MANEA	Q5SRI9	211	0.006	0.010	0.530	0.01 (-0.01, 0.03)	0.774	0.113	-0.010	0.022	0.656	-0.01 (-0.05, 0.03)	0.001	0.393	0.007	0.021	0.723	0.01 (-0.03, 0.05)	0.001	0.020	0.974	6.27e-04 (-0.04, 0.04)
10647_18	ASCC1	Q8N9N2	211	0.008	0.013	0.533	0.01 (-0.02, 0.03)	0.775	0.024	-0.029	0.026	0.254	-0.03 (-0.08, 0.02)	0.002	0.092	-0.013	0.025	0.596	-0.01 (-0.06, 0.04)	-0.014	0.022	0.525	-0.01 (-0.06, 0.03)
12954_71	PPARA	Q07869	211	0.007	0.012	0.533	0.01 (-0.02, 0.03)	0.775	0.099	-0.050	0.024	0.043	-0.05 (-0.10, -1.76e-0	0.004	0.008	-0.024	0.022	0.288	-0.02 (-0.07, 0.02)	-0.024	0.024	0.314	-0.02 (-0.07, 0.02)
13386_248	RNF34	Q969K3	211	0.007	0.012	0.532	0.01 (-0.02, 0.03)	0.775	0.067	-0.052	0.025	0.035	-0.05 (-0.10, -3.95e-0	0.004	0.006	-0.022	0.021	0.307	-0.02 (-0.06, 0.02)	-0.019	0.021	0.386	-0.02 (-0.06, 0.02)
13572_43	PSMD11	O00231	211	-0.007	0.012	0.532	-0.01 (-0.03, 0.02)	0.775	0.093	-0.037	0.024	0.133	-0.04 (-0.08, 0.01)	0.002	0.163	-0.045	0.020	0.024	-0.04 (-0.08, -0.01)	-0.058	0.024	0.016	-0.06 (-0.11, -0.01)
13976_9	ARHGEF1	Q92888	211	-0.007	0.012	0.532	-0.01 (-0.03, 0.02)	0.775	0.066	-0.049	0.025	0.050	-0.05 (-0.10, -2.61e-0	0.003	0.054	-0.043	0.021	0.044	-0.04 (-0.08, -1.12e-	-0.039	0.024	0.116	-0.04 (-0.09, 0.01)
18399_1	AKAP7	O43687	211	0.008	0.013	0.532	0.01 (-0.02, 0.03)	0.775	0.022	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.004	0.003	-0.020	0.021	0.339	-0.02 (-0.06, 0.02)	-0.016	0.023	0.485	-0.02 (-0.06, 0.03)
3623_84	LY86	O95711	211	0.007	0.012	0.533	0.01 (-0.02, 0.03)	0.775	0.100	-0.045	0.025	0.071	-0.04 (-0.09, 3.66e-03	0.003	0.015	-0.030	0.022	0.185	-0.03 (-0.07, 0.01)	-0.032	0.025	0.192	-0.03 (-0.08, 0.02)
6283_60	MCEMP1	Q8IX19	211	0.008	0.013	0.533	0.01 (-0.02, 0.03)	0.775	0.006	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.005	3.98E-04	-0.016	0.021	0.446	-0.02 (-0.06, 0.03)	-0.022	0.025	0.396	-0.02 (-0.07, 0.03)
6284_7	FAM150B	Q6UX46	211	-0.007	0.012	0.533	-0.01 (-0.03, 0.02)	0.775	0.050	-0.044	0.025	0.077	-0.04 (-0.09, 4.54e-03	0.002	0.087	-0.047	0.020	0.017	-0.05 (-0.09, -0.01)	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)
7185_29	GP5	P40197	211	-0.007	0.012	0.532	-0.01 (-0.03, 0.02)	0.775	0.177	-0.020	0.025	0.419	-0.02 (-0.07, 0.03)	0.001	0.556	-0.030	0.022	0.178	-0.03 (-0.07, 0.01)	-0.035	0.025	0.163	-0.03 (-0.08, 0.01)
8990_42	ATP1B3	P54709	211	0.008	0.013	0.533	0.01 (-0.02, 0.03)	0.775	0.015	-0.048	0.026	0.064	-0.05 (-0.10, 2.49e-03	0.004	0.012	-0.003	0.023	0.881	-3.49e-03 (-0.05, 0.0	0.007	0.024	0.767	0.01 (-0.04, 0.05)
9248_36	MYDGF	Q969H8	211	0.007	0.012	0.533	0.01 (-0.02, 0.03)	0.775	0.342	-0.031	0.024	0.189	-0.03 (-0.08, 0.02)	0.002	0.060	-0.031	0.021	0.144	-0.03 (-0.07, 0.01)	-0.023	0.025	0.352	-0.02 (-0.07, 0.03)
9383_24	CHI3L2	Q15782	211	-0.008	0.013	0.533	-0.01 (-0.03, 0.02)	0.775	0.004	-0.065	0.026	0.014	-0.06 (-0.12, -0.01)	0.004	0.013	-0.029	0.023	0.204	-0.03 (-0.07, 0.02)	-0.024	0.022	0.265	-0.02 (-0.07, 0.02)
16021_30	CDH8	P55286	211	-0.009	0.015	0.534	-0.01 (-0.04, 0.02)	0.776	6.61E-06	-0.071	0.029	0.014	-0.07 (-0.13, -0.01)	0.004	0.013	-0.005	0.025	0.827	-0.01 (-0.05, 0.04)	0.012	0.023	0.599	0.01 (-0.03, 0.06)
8464_31	RSPO4	Q2I0M5	211	0.007	0.012	0.534	0.01 (-0.02, 0.03)	0.776	0.073	0.002	0.024	0.931	2.05e-03 (-0.04, 0.05)	0.000	0.800	0.000	0.024	0.998	5.39e-05 (-0.05, 0.0	-0.004	0.022	0.844	-4.33e-03 (-0.05, 0.04)
8700_325	GALNT11	Q8NCW6	211	0.007	0.012	0.534	0.01 (-0.02, 0.03)	0.776	0.076	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)	0.004	0.001	-0.003	0.020	0.873	-3.17e-03 (-0.04, 0.0	-0.013	0.024	0.598	-0.01 (-0.06, 0.03)
9326_33	ITIH2	P19823	211	-0.007	0.012	0.534	-0.01 (-0.03, 0.02)	0.776	0.077	-0.001	0.026	0.978	-7.05e-04 (-0.05, 0.05	0.000	0.762	0.020	0.021	0.345	0.02 (-0.02, 0.06)	0.021	0.026	0.414	0.02 (-0.03, 0.07)
5138_50	TNFRSF12	Q9NP84	211	0.007	0.012	0.535	0.01 (-0.02, 0.03)	0.776	0.159	0.001	0.024	0.973	8.04e-04 (-0.05, 0.05)	0.000	0.759	0.009	0.023	0.688	0.01 (-0.04, 0.06)	-0.002	0.023	0.923	-2.22e-03 (-0.05, 0.04)
11549_6	ISL1	P61371	211	0.007	0.012	0.536	0.01 (-0.02, 0.03)	0.776	0.787	-0.028	0.023	0.228	-0.03 (-0.07, 0.02)	0.002	0.080	-0.015	0.020	0.446	-0.02 (-0.06, 0.02)	-0.017	0.023	0.472	-0.02 (-0.06, 0.03)
15582_25	FCN1	O00602	211	0.008	0.014	0.535	0.01 (-0.02, 0.04)	0.776	0.005	-0.014	0.027	0.604	-0.01 (-0.07, 0.04)	0.001	0.335	-0.009	0.025	0.718	-0.01 (-0.06, 0.04)	-0.013	0.024	0.601	-0.01 (-0.06, 0.03)
17703_40	GMNN	O75496	211	0.008	0.013	0.535	0.01 (-0.02, 0.03)	0.776	0.045	-0.052	0.025	0.036	-0.05 (-0.10, -3.81e-0	0.004	0.005	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)	-0.015	0.024	0.520	-0.02 (-0.06, 0.03)
19208_8	ACVR2A	P27037	211	0.007	0.012	0.536	0.01 (-0.02, 0.03)	0.776	0.076	-0.034	0.025	0.182	-0.03 (-0.08, 0.02)	0.003	0.060	-0.004	0.023	0.871	-3.74e-03 (-0.05, 0.0	0.008	0.023	0.737	0.01 (-0.04, 0.05)
3593_72	CASP3	P42574	211	-0.010	0.016	0.536	-0.01 (-0.04, 0.02)	0.776	1.69E-10	-0.037	0.031	0.241	-0.04 (-0.10, 0.02)	0.002	0.318	-0.065	0.020	0.001	-0.07 (-0.11, -0.03)	-0.067	0.025	0.008	-0.07 (-0.12, -0.02)
6609_22	CNP	P09543	211	-0.008	0.013	0.536	-0.01 (-0.03, 0.02)	0.776	0.036	-0.030	0.026	0.251	-0.03 (-0.08, 0.02)	0.001	0.333	-0.054	0.022	0.013	-0.05 (-0.10, -0.01)	-0.055	0.026	0.038	-0.06 (-0.11, -3.32e-03)
12334_25	SHMT1	P34896	211	0.007	0.012	0.537	0.01 (-0.02, 0.03)	0.778	0.076	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)	0.003	0.051	-0.006	0.021	0.762	-0.01 (-0.05, 0.04)	-0.006	0.024	0.816	-0.01 (-0.05, 0.04)
9490_3	C4orf32	Q8N8J7	211	0.008	0.014	0.537	0.01 (-0.02, 0.03)	0.778	0.003	-0.053	0.027	0.047	-0.05 (-0.11, -9.32e-0	0.004	0.008	-0.018	0.025	0.463	-0.02 (-0.07, 0.03)	-0.018	0.022	0.417	-0.02 (-0.06, 0.03)
12694_28	DIMT1	Q9UNQ2	211	-0.008	0.013	0.538	-0.01 (-0.03, 0.02)	0.778	0.042	-0.022	0.025	0.391	-0.02 (-0.07, 0.03)	0.001	0.526	-0.030	0.024	0.203	-0.03 (-0.08, 0.02)	-0.016	0.025	0.521	-0.02 (-0.07, 0.03)
5355_69	TNFSF14	O43557	211	-0.008	0.013	0.538	-0.01 (-0.03, 0.02)	0.778	0.017	-0.060	0.026	0.023	-0.06 (-0.11, -0.01)	0.003	0.023	-0.040	0.023	0.083	-0.04 (-0.09, 0.01)	-0.045	0.024	0.068	-0.04 (-0.09, 3.02e-03)
18257_64	SRP19	P09132	211	-0.007	0.012	0.538	-0.01 (-0.03, 0.02)	0.778	0.087	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.008	-0.023	0.018	0.203	-0.02 (-0.06, 0.01)	-0.052	0.025	0.041	-0.05 (-0.10, -2.49e-03)
12685_57	HOMER2	Q9NSB8	211	-0.008	0.012	0.539	-0.01 (-0.03, 0.02)	0.779	0.406	-0.042	0.024	0.089	-0.04 (-0.09, 0.01)	0.002	0.106	-0.049	0.021	0.020	-0.05 (-0.09, -0.01)	-0.060	0.027	0.029	-0.06 (-0.11, -0.01)
13595_20	THTPA	Q9BU02	211	0.007	0.012	0.539	0.01 (-0.02, 0.03)	0.779	0.312	-0.008	0.024	0.748	-0.01 (-0.06, 0.04)	0.001	0.480	-0.001	0.023	0.950	-1.46e-03 (-0.05, 0.0	-0.003	0.023	0.903	-2.85e-03 (-0.05, 0.04)
19323_1	EBAG9	O00559	211	0.008	0.014	0.539	0.01 (-0.02, 0.04)	0.779	1.64E-04	0.001	0.027	0.984	5.36e-04 (-0.05, 0.05)	0.000	0.737	-0.024	0.020	0.219	-0.02 (-0.06, 0.01)	-0.040	0.024	0.106	-0.04 (-0.09, 0.01)
2468_62	CCL20	P78556	211	0.008	0.013	0.539	0.01 (-0.02, 0.03)	0.779	0.032	-0.029	0.025	0.241	-0.03 (-0.08, 0.02)	0.002	0.087	-0.019	0.022	0.390	-0.02 (-0.06, 0.02)	-0.015	0.022	0.479	-0.02 (-0.06, 0.03)
9747_48	MARK3	P27448	211	0.007	0.012	0.540	0.01 (-0.02, 0.03)	0.779	0.078	-0.034	0.025	0.165	-0.03 (-0.08, 0.01)	0.003	0.053	-0.029	0.022	0.173	-0.03 (-0.07, 0.01)	-0.021	0.024	0.378	-0.02 (-0.07, 0.03)
5229_90	IMPDH1	P20839	211	-0.008	0.013	0.540	-0.01 (-0.03, 0.02)	0.780	0.020	-0.072	0.026	0.006	-0.07 (-0.12, -0.02)	0.004	0.004	-0.041	0.021	0.049	-0.04 (-0.08, -2.12e-	-0.055	0.026	0.037	-0.05 (-0.11, -3.70e-03)
17391_10	RBM17	Q96I25	211	-0.007	0.012	0.541	-0.01 (-0.03, 0.02)	0.781	0.127	-0.011	0.025	0.673	-0.01 (-0.06, 0.04)	0.000	0.880	-0.025	0.023	0.284	-0.03 (-0.07, 0.02)	-0.021	0.026	0.406	-0.02 (-0.07, 0.03)
10900_272	STMN2	Q93045	211	-0.008	0.013	0.542	-0.01 (-0.03, 0.02)	0.781	0.030	-0.075	0.025	0.003	-0.08 (-0.12, -0.03)	0.004	0.002	-0.051	0.020	0.013	-0.05 (-0.09, -0.01)	-0.068	0.026	0.010	-0.07 (-0.12, -0.02)
12651_21	PDK2	Q15119	211	0.008	0.013	0.542	0.01 (-0.02, 0.03)	0.781	0.023	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)	0.003	0.035	-0.007	0.019	0.706	-0.01 (-0.04, 0.03)	-0.014	0.022	0.511	-0.01 (-0.06, 0.03)
19392_6	DDAH1	O94760	211	0.007	0.012	0.542	0.01 (-0.02, 0.03)	0.781	0.021	-0.047	0.023	0.046	-0.05 (-0.09, -1.11e-0	0.003	0.008	-0.031	0.017	0.076	-0.03 (-0.07, 3.29e-	-0.054	0.023	0.020	-0.05 (-0.10, -0.01)
9579_59	PRRG4	Q9BZD6	211	0.008	0.013	0.542	0.01 (-0.02, 0.03)	0.781	0.028	-0.022	0.025	0.392	-0.02 (-0.07, 0.03)	0.002	0.179	-0.026	0.020	0.195	-0.03 (-0.06, 0.01)	-0.028	0.025	0.259	-0.03 (-0.08, 0.02)
10908_2	GALNT13	Q8IUC8	211	-0.008	0.014	0.543	-0.01 (-0.03, 0.02)	0.782	0.003	-0.010	0.027	0.704	-0.01 (-0.06, 0.04)	0.000	0.930	-0.040	0.021	0.059	-0.04 (-0.08, 1.55e-	-0.025	0.024	0.309	-0.02 (-0.07, 0.02)
12460_18	PSMA7	O14818	211	-0.008	0.013	0.543	-0.01 (-0.03, 0.02)	0.782	0.028	-0.027	0.026	0.288	-0.03 (-0.08, 0.02)	0.001	0.381	-0.017	0.020	0.403	-0.02 (-0.06, 0.02)	-0.030	0.024	0.220	-0.03 (-0.08, 0.02)
13041_47	TRAF4	Q9BUZ4	211	0.007	0.012	0.543	0.01 (-0.02, 0.03)	0.782	0.440	-0.050	0.023	0.032	-0.05 (-0.10, -4.65e-0	0.004	0.005	-0.034	0.021	0.118	-0.03 (-0.08, 0.01)	-0.030	0.024	0.206	-0.03 (-0.08, 0.02)
16902_17	LAMP1	P11279	211	-0.007	0.011	0.544	-0.01 (-0.03, 0.02)	0.782	0.254	-0.009	0.023	0.699	-0.01 (-0.06, 0.04)	0.000	0.916	-0.025	0.023	0.273	-0.02 (-0.07, 0.02)	-0.020	0.026	0.451	-0.02 (-0.07, 0.03)
18315_38	RTP4	Q96DX8	211	0.007	0.012	0.543	0.01 (-0.02, 0.03)	0.782	0.080	-0.028	0.025	0.273	-0.03 (-0.08, 0.02)	0.002	0.110	-0.007	0.020	0.716	-0.01 (-0.05, 0.03)	-0.014	0.024	0.576	-0.01 (-0.06, 0.03)
18332_17	CPLX1	O14810	211	0.007	0.012	0.543	0.01 (-0.02, 0.03)	0.782	0.170	-0.018	0.024	0.462	-0.02 (-0.07, 0.03)	0.002	0.233	-0.009	0.024	0.716	-0.01 (-0.05, 0.04)	-0.005	0.023	0.844	-4.51e-03 (-0.05, 0.04)
7805_52	GOSR1	O95249	211	0.008	0.013	0.544	0.01 (-0.02, 0.03)	0.782	0.006	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)	0.005	0.001	-0.017	0.019	0.369	-0.02 (-0.06, 0.02)	-0.033	0.024	0.170	-0.03 (-0.08, 0.01)
7911_29	SCN4B	Q8IWT1	211	0.008	0.013	0.544	0.01 (-0.02, 0.03)	0.782	0.037	-0.052	0.025	0.040	-0.05 (-0.10, -2.68e-0	0.004	0.006	-0.013	0.024	0.598	-0.01 (-0.06, 0.03)	-0.004	0.024	0.869	-4.03e-03 (-0.05, 0.04)
11161_5	SPG20	Q8N0X7	211	-0.007	0.012	0.544	-0.01 (-0.03, 0.02)	0.782	0.082	-0.036	0.025	0.153	-0.04 (-0.09, 0.01)	0.002	0.185	-0.052	0.020	0.011	-0.05 (-0.09, -0.01)	-0.051	0.024	0.037	-0.05 (-0.10, -3.37e-03)
9759_13	IDO1	P14902	211	0.008	0.013	0.544	0.01 (-0.02, 0.03)	0.782	0.006	-0.010	0.028	0.727	-0.01 (-0.06, 0.04)	0.001	0.463	0.001	0.023	0.972	7.99e-04 (-0.04, 0.0	0.001	0.025	0.984	5.27e-04 (-0.05, 0.05)
12633_3	PTPN9	P43378	211	-0.008	0.013	0.545	-0.01 (-0.03, 0.02)	0.783	0.046	-0.054	0.025	0.030	-0.05 (-0.10, -0.01)	0.003	0.031	-0.027	0.024	0.254	-0.03 (-0.07, 0.02)	-0.021	0.024	0.380	-0.02 (-0.07, 0.03)
2942_50	CYCS	P99999	211	-0.008	0.013	0.545	-0.01 (-0.03, 0.02)	0.783	0.019	-0.055	0.025	0.030	-0.06 (-0.10, -0.01)	0.003	0.031	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)	-0.030	0.024	0.212	-0.03 (-0.08, 0.02)
12647_52	SETD2	Q9BYW2	211	0.007	0.012	0.546	0.01 (-0.02, 0.03)	0.783	0.370	-0.029	0.023	0.217	-0.03 (-0.07, 0.02)	0.002	0.076	-0.011	0.023	0.637	-0.01 (-0.06, 0.03)	-0.009	0.023	0.688	-0.01 (-0.05, 0.04)
11534_6	LRIT3	Q3SXY7	211	0.007	0.012	0.547	0.01 (-0.02, 0.03)	0.785	0.195	-0.025	0.024	0.296	-0.03 (-0.07, 0.02)	0.002	0.123	-0.007	0.022	0.753	-0.01 (-0.05, 0.04)	-0.007	0.023	0.764	-0.01 (-0.05, 0.04)
4276_10	PEBP1	P30086	211	-0.007	0.012	0.547	-0.01 (-0.03, 0.02)	0.785	0.063	-0.050	0.025	0.050	-0.05 (-0.10, -3.70e-0	0.003	0.052	-0.037	0.023	0.105	-0.04 (-0.08, 0.01)	-0.041	0.024	0.086	-0.04 (-0.09, 0.01)
16877_19	MSRB2	Q9Y3D2	211	0.007	0.012	0.547	0.01 (-0.02, 0.03)	0.785	0.187	-0.043	0.024	0.075	-0.04 (-0.09, 4.12e-03	0.003	0.017	-0.023	0.022	0.301	-0.02 (-0.07, 0.02)	-0.020	0.022	0.350	-0.02 (-0.06, 0.02)
12849_25	GSKIP	Q9P0R6	211	0.007	0.012	0.549	0.01 (-0.02, 0.03)	0.787	0.083	-0.036	0.025	0.146	-0.04 (-0.08, 0.01)	0.003	0.045	-0.013	0.021	0.539	-0.01 (-0.05, 0.03)	-0.021	0.022	0.338	-0.02 (-0.07, 0.02)
5739_75	KRTDAP	P60985	211	-0.007	0.012	0.549	-0.01 (-0.03, 0.02)	0.787	0.064	-0.060	0.025	0.016	-0.06 (-0.11, -0.01)	0.003	0.014	-0.021	0.019	0.265	-0.02 (-0.06, 0.02)	-0.023	0.024	0.336	-0.02 (-0.07, 0.02)
10510_62	SCIMP	Q6UWF3	211	0.007	0.011	0.549	0.01 (-0.02, 0.03)	0.788	0.242	-0.027	0.023	0.252	-0.03 (-0.07, 0.02)	0.002	0.095	0.005	0.024	0.830	0.01 (-0.04, 0.05)	-0.003	0.022	0.907	-2.56e-03 (-0.05, 0.04)
10447_18	PABPC3	Q9H361	211	-0.007	0.012	0.550	-0.01 (-0.03, 0.02)	0.788	0.114	-0.054	0.025	0.030	-0.05 (-0.10, -0.01)	0.003	0.029	-0.033	0.021	0.120	-0.03 (-0.08, 0.01)	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)
3893_64	MSLN	Q13421	211	-0.008	0.013	0.550	-0.01 (-0.03, 0.02)	0.788	0.024	-0.029	0.026	0.266	-0.03 (-0.08, 0.02)	0.001	0.347	-0.041	0.023	0.076	-0.04 (-0.09, 4.36e-	-0.026	0.027	0.334	-0.03 (-0.08, 0.03)
13599_15	RABEPK	Q7Z6M1	211	0.008	0.013	0.551	0.01 (-0.02, 0.03)	0.788	0.017	-0.048	0.026	0.065	-0.05 (-0.10, 2.62e-03	0.003	0.013	-0.010	0.024	0.667	-0.01 (-0.06, 0.04)	-0.004	0.024	0.865	-4.06e-03 (-0.05, 0.04)
6651_74	UBB	P0CG47	211	-0.007	0.012	0.550	-0.01 (-0.03, 0.02)	0.788	0.082	-0.052	0.025	0.040	-0.05 (-0.10, -2.64e-0	0.003	0.040	-0.038	0.024	0.111	-0.04 (-0.08, 0.01)	-0.039	0.022	0.080	-0.04 (-0.08, 4.45e-03)
7879_12	CYP3A4	P08684	211	0.008	0.013	0.551	0.01 (-0.02, 0.03)	0.788	0.043	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)	0.003	0.032	-0.012	0.023	0.594	-0.01 (-0.06, 0.03)	-0.005	0.024	0.821	-0.01 (-0.05, 0.04)
10902_53	ASPRV1	Q53RT3	211	0.008	0.013	0.552	0.01 (-0.02, 0.03)	0.789	0.012	0.032	0.026	0.228	0.03 (-0.02, 0.08)	-0.002	0.293	0.018	0.026	0.487	0.02 (-0.03, 0.07)	0.011	0.027	0.695	0.01 (-0.04, 0.06)
12748_6	BRDT	Q58F21	211	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.789	0.126	-0.056	0.024	0.022	-0.06 (-0.10, -0.01)	0.004	0.003	-0.008	0.019	0.690	-0.01 (-0.04, 0.03)	-0.028	0.023	0.226	-0.03 (-0.07, 0.02)
18416_3	ARL9	Q6T311	211	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.789	0.108	-0.039	0.024	0.112	-0.04 (-0.09, 0.01)	0.003	0.031	-0.008	0.025	0.754	-0.01 (-0.06, 0.04)	-0.019	0.024	0.412	-0.02 (-0.07, 0.03)
3294_55	CFC1	P0CG37	211	-0.007	0.012	0.552	-0.01 (-0.03, 0.02)	0.789	0.135	-0.049	0.024	0.045	-0.05 (-0.10, -1.40e-0	0.003	0.046	-0.024	0.021	0.243	-0.02 (-0.06, 0.02)	-0.035	0.023	0.131	-0.03 (-0.08, 0.01)
3400_49	TBK1	Q9UHD2	211	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.789	0.200	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)	0.003	0.020	-0.015	0.019	0.437	-0.01 (-0.05, 0.02)	-0.034	0.026	0.180	-0.03 (-0.08, 0.02)
3519_3	CCL17	Q92583	211	-0.007	0.012	0.552	-0.01 (-0.03, 0.02)	0.789	0.141	-0.049	0.026	0.055	-0.05 (-0.10, 7.54e-04	0.003	0.058	-0.032	0.024	0.189	-0.03 (-0.08, 0.02)	-0.028	0.025	0.257	-0.03 (-0.08, 0.02)
3860_7	PSMA6	P60900	211	-0.007	0.012	0.551	-0.01 (-0.03, 0.02)	0.789	0.106	-0.048	0.025	0.057	-0.05 (-0.10, 1.06e-03	0.003	0.060	-0.039	0.019	0.035	-0.04 (-0.08, -2.75e-	-0.055	0.024	0.024	-0.06 (-0.10, -0.01)
6508_68	SCGB1D2	O95969	211	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.789	0.131	-0.033	0.025	0.182	-0.03 (-0.08, 0.02)	0.003	0.061	-0.018	0.021	0.401	-0.02 (-0.06, 0.02)	-0.019	0.024	0.444	-0.02 (-0.07, 0.03)
15522_2	GLIPR2	Q9H4G4	211	-0.009	0.015	0.553	-0.01 (-0.04, 0.02)	0.789	6.45E-07	-0.045	0.030	0.133	-0.05 (-0.10, 0.01)	0.002	0.164	-0.036	0.024	0.136	-0.04 (-0.08, 0.01)	-0.035	0.025	0.164	-0.03 (-0.08, 0.01)
14076_74	CST4	P01036	211	0.007	0.012	0.555	0.01 (-0.02, 0.03)	0.790	0.063	0.035	0.026	0.175	0.03 (-0.02, 0.09)	-0.002	0.211	0.033	0.024	0.167	0.03 (-0.01, 0.08)	0.026	0.026	0.332	0.03 (-0.03, 0.08)
18414_26	ARL5A	Q9Y689	211	0.007	0.012	0.555	0.01 (-0.02, 0.03)	0.790	0.055	-0.036	0.025	0.155	-0.04 (-0.08, 0.01)	0.003	0.050	-0.014	0.023	0.558	-0.01 (-0.06, 0.03)	-0.015	0.021	0.483	-0.01 (-0.06, 0.03)
18884_22	DNAJB4	Q9UDY4	211	0.008	0.014	0.555	0.01 (-0.02, 0.03)	0.790	0.003	-0.029	0.027	0.283	-0.03 (-0.08, 0.02)	0.002	0.113	-0.035	0.020	0.085	-0.03 (-0.07, 4.71e-	-0.052	0.025	0.037	-0.05 (-0.10, -3.47e-03)
3213_65	NID1	P14543	211	0.008	0.013	0.554	0.01 (-0.02, 0.03)	0.790	0.016	-0.024	0.027	0.377	-0.02 (-0.08, 0.03)	0.002	0.173	-0.027	0.022	0.221	-0.03 (-0.07, 0.02)	-0.010	0.024	0.682	-0.01 (-0.06, 0.04)
3799_11	CA3	P07451	211	0.008	0.014	0.554	0.01 (-0.02, 0.04)	0.790	6.21E-05	-0.042	0.028	0.139	-0.04 (-0.10, 0.01)	0.003	0.040	-0.027	0.021	0.195	-0.03 (-0.07, 0.01)	-0.028	0.024	0.254	-0.03 (-0.07, 0.02)
4220_39	FER	P16591	211	-0.007	0.012	0.555	-0.01 (-0.03, 0.02)	0.790	0.116	-0.029	0.025	0.251	-0.03 (-0.08, 0.02)	0.001	0.316	-0.053	0.022	0.015	-0.05 (-0.10, -0.01)	-0.049	0.025	0.047	-0.05 (-0.10, -8.51e-04)
8696_15	GAL3ST1	Q99999	211	-0.008	0.014	0.555	-0.01 (-0.04, 0.02)	0.790	1.13E-04	-0.069	0.028	0.012	-0.07 (-0.12, -0.02)	0.004	0.011	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)	-0.009	0.023	0.716	-0.01 (-0.05, 0.04)
8903_1	COX6C	P09669	211	0.009	0.016	0.555	0.01 (-0.02, 0.04)	0.790	4.45E-10	-0.041	0.031	0.190	-0.04 (-0.10, 0.02)	0.003	0.063	0.004	0.024	0.860	4.26e-03 (-0.04, 0.0	0.010	0.024	0.668	0.01 (-0.04, 0.06)
11380_84	RBM24	Q9BX46	211	0.008	0.013	0.556	0.01 (-0.02, 0.03)	0.791	0.034	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	3.19E-04	-0.024	0.019	0.209	-0.02 (-0.06, 0.01)	-0.023	0.023	0.316	-0.02 (-0.07, 0.02)
11442_1	DNER	Q8NFT8	211	0.007	0.013	0.557	0.01 (-0.02, 0.03)	0.791	0.012	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)	0.003	0.031	-0.011	0.019	0.565	-0.01 (-0.05, 0.03)	-0.013	0.022	0.570	-0.01 (-0.06, 0.03)
13966_30	MYOM3	Q5VTT5	211	0.008	0.014	0.556	0.01 (-0.02, 0.03)	0.791	0.003	-0.058	0.026	0.029	-0.06 (-0.11, -0.01)	0.004	0.004	-0.016	0.024	0.496	-0.02 (-0.06, 0.03)	-0.016	0.026	0.544	-0.02 (-0.07, 0.04)
17724_3	WWOX	Q9NZC7	211	0.007	0.012	0.557	0.01 (-0.02, 0.03)	0.791	0.414	-0.030	0.023	0.195	-0.03 (-0.07, 0.02)	0.002	0.067	-0.026	0.020	0.197	-0.03 (-0.07, 0.01)	-0.029	0.024	0.217	-0.03 (-0.08, 0.02)
17771_35	CRCP	O75575	211	0.007	0.012	0.557	0.01 (-0.02, 0.03)	0.791	0.058	-0.050	0.025	0.044	-0.05 (-0.10, -1.61e-0	0.004	0.008	-0.020	0.020	0.319	-0.02 (-0.06, 0.02)	-0.031	0.023	0.185	-0.03 (-0.08, 0.01)
19129_15	MTHFSD	Q2M296	211	-0.007	0.012	0.556	-0.01 (-0.03, 0.02)	0.791	0.104	-0.040	0.025	0.118	-0.04 (-0.09, 0.01)	0.002	0.137	-0.049	0.022	0.028	-0.05 (-0.09, -0.01)	-0.057	0.026	0.031	-0.06 (-0.11, -0.01)
4890_10	POMC	P01189	211	0.007	0.012	0.557	0.01 (-0.02, 0.03)	0.791	0.100	-0.038	0.024	0.119	-0.04 (-0.09, 0.01)	0.003	0.034	-0.026	0.019	0.168	-0.03 (-0.06, 0.01)	-0.036	0.023	0.115	-0.04 (-0.08, 0.01)
5727_35	B3GALTL	Q6Y288	211	-0.008	0.013	0.557	-0.01 (-0.03, 0.02)	0.791	0.011	-0.035	0.026	0.171	-0.04 (-0.09, 0.02)	0.002	0.214	-0.039	0.020	0.054	-0.04 (-0.08, 6.50e-	-0.034	0.025	0.174	-0.03 (-0.08, 0.01)
5870_23	BAD	Q92934	211	-0.008	0.013	0.557	-0.01 (-0.03, 0.02)	0.791	0.034	-0.039	0.026	0.130	-0.04 (-0.09, 0.01)	0.002	0.158	-0.051	0.019	0.009	-0.05 (-0.09, -0.01)	-0.065	0.026	0.013	-0.06 (-0.12, -0.01)
6351_55	CD79B	P40259	211	0.007	0.013	0.556	0.01 (-0.02, 0.03)	0.791	0.032	-0.027	0.025	0.281	-0.03 (-0.08, 0.02)	0.002	0.111	-0.011	0.023	0.649	-0.01 (-0.06, 0.03)	-0.005	0.023	0.815	-0.01 (-0.05, 0.04)
7200_4	LRFN2	Q9ULH4	211	-0.007	0.012	0.557	-0.01 (-0.03, 0.02)	0.791	0.136	-0.023	0.025	0.354	-0.02 (-0.07, 0.03)	0.001	0.454	-0.020	0.023	0.386	-0.02 (-0.07, 0.03)	-0.023	0.023	0.314	-0.02 (-0.07, 0.02)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
8833_20	TNFSF10	P50591	211	0.007	0.012	0.557	0.01 (-0.02, 0.03)	0.791	0.416	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	0.004	0.001	-0.022	0.022	0.317	-0.02 (-0.07, 0.02)	-0.019	0.023	0.411	-0.02 (-0.06, 0.03)
12018_84	TPK1	Q9H3S4	211	0.007	0.012	0.559	0.01 (-0.02, 0.03)	0.791	0.261	-0.047	0.024	0.051	-0.05 (-0.09, -1.29e-0	0.003	0.010	-0.020	0.021	0.328	-0.02 (-0.06, 0.02)	-0.028	0.024	0.242	-0.03 (-0.07, 0.02)
12517_52	PDCD5	O14737	211	-0.008	0.013	0.558	-0.01 (-0.03, 0.02)	0.791	0.019	-0.059	0.026	0.023	-0.06 (-0.11, -0.01)	0.003	0.022	-0.037	0.021	0.081	-0.04 (-0.08, 4.54e-	-0.045	0.024	0.065	-0.04 (-0.09, 2.46e-03)
12855_16	CASS4	Q9NQ75	211	-0.008	0.013	0.559	-0.01 (-0.03, 0.02)	0.791	0.003	-0.033	0.026	0.210	-0.03 (-0.09, 0.02)	0.002	0.267	-0.026	0.021	0.217	-0.03 (-0.07, 0.02)	-0.028	0.025	0.261	-0.03 (-0.08, 0.02)
15688_30	LMAN1	P49257	211	0.007	0.013	0.558	0.01 (-0.02, 0.03)	0.791	0.048	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.004	0.003	-0.034	0.022	0.127	-0.03 (-0.08, 0.01)	-0.028	0.025	0.267	-0.03 (-0.08, 0.02)
16070_7	WIF1	Q9Y5W5	211	-0.007	0.012	0.558	-0.01 (-0.03, 0.02)	0.791	0.071	-0.022	0.025	0.392	-0.02 (-0.07, 0.03)	0.001	0.501	-0.020	0.024	0.396	-0.02 (-0.07, 0.03)	-0.024	0.024	0.305	-0.02 (-0.07, 0.02)
17808_37	NIT2	Q9NQR4	211	-0.008	0.013	0.558	-0.01 (-0.03, 0.02)	0.791	0.005	-0.028	0.026	0.288	-0.03 (-0.08, 0.02)	0.001	0.374	-0.023	0.023	0.316	-0.02 (-0.07, 0.02)	-0.015	0.023	0.509	-0.02 (-0.06, 0.03)
2649_77	ICAM3	P32942	211	0.007	0.012	0.558	0.01 (-0.02, 0.03)	0.791	0.124	-0.046	0.024	0.061	-0.05 (-0.09, 1.88e-03	0.003	0.013	-0.011	0.022	0.608	-0.01 (-0.05, 0.03)	-0.004	0.024	0.877	-3.76e-03 (-0.05, 0.04)
8925_25	RRM2B	Q7LG56	211	-0.008	0.013	0.558	-0.01 (-0.03, 0.02)	0.791	0.006	-0.047	0.026	0.074	-0.05 (-0.10, 4.31e-03	0.002	0.084	-0.029	0.019	0.114	-0.03 (-0.07, 0.01)	-0.043	0.024	0.079	-0.04 (-0.09, 4.77e-03)
10890_135	LCTL	Q6UWM7	211	0.007	0.012	0.560	0.01 (-0.02, 0.03)	0.791	0.391	-0.060	0.023	0.011	-0.06 (-0.11, -0.01)	0.004	0.001	-0.009	0.024	0.707	-0.01 (-0.06, 0.04)	-0.009	0.023	0.707	-0.01 (-0.05, 0.04)
11243_90	ADGRF1	Q5T601	211	0.009	0.015	0.559	0.01 (-0.02, 0.04)	0.791	4.72E-09	-0.047	0.031	0.126	-0.05 (-0.11, 0.01)	0.003	0.036	0.003	0.025	0.920	2.53e-03 (-0.05, 0.0	0.011	0.023	0.622	0.01 (-0.03, 0.06)
13943_38	DPY30	Q9C005	211	0.007	0.013	0.559	0.01 (-0.02, 0.03)	0.791	0.040	-0.049	0.025	0.053	-0.05 (-0.10, 2.66e-04	0.004	0.010	-0.023	0.019	0.229	-0.02 (-0.06, 0.01)	-0.041	0.023	0.075	-0.04 (-0.09, 3.83e-03)
18400_52	ALKBH2	Q6NS38	211	-0.007	0.013	0.559	-0.01 (-0.03, 0.02)	0.791	0.008	-0.044	0.025	0.085	-0.04 (-0.09, 0.01)	0.002	0.098	-0.037	0.022	0.092	-0.04 (-0.08, 0.01)	-0.036	0.024	0.138	-0.04 (-0.08, 0.01)
5023_23	ADSL	P30566	211	-0.007	0.011	0.560	-0.01 (-0.03, 0.02)	0.791	0.129	-0.021	0.024	0.385	-0.02 (-0.07, 0.03)	0.001	0.494	-0.013	0.022	0.541	-0.01 (-0.06, 0.03)	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)
13591_31	PRIM1	P49642	211	0.007	0.011	0.560	0.01 (-0.02, 0.03)	0.792	0.426	-0.020	0.023	0.385	-0.02 (-0.06, 0.02)	0.002	0.180	-0.019	0.022	0.366	-0.02 (-0.06, 0.02)	-0.011	0.022	0.614	-0.01 (-0.06, 0.03)
14007_22	PAPSS1	O43252	211	-0.007	0.012	0.561	-0.01 (-0.03, 0.02)	0.792	0.085	-0.031	0.026	0.228	-0.03 (-0.08, 0.02)	0.002	0.280	-0.031	0.023	0.177	-0.03 (-0.08, 0.01)	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)
17702_53	UGT1A1	P22309	211	-0.007	0.012	0.561	-0.01 (-0.03, 0.02)	0.792	0.052	-0.060	0.025	0.016	-0.06 (-0.11, -0.01)	0.003	0.014	-0.023	0.020	0.241	-0.02 (-0.06, 0.02)	-0.027	0.023	0.235	-0.03 (-0.07, 0.02)
10677_9	NDUFB4	O95168	211	0.008	0.014	0.561	0.01 (-0.02, 0.04)	0.792	4.18E-04	-0.051	0.027	0.061	-0.05 (-0.10, 2.05e-03	0.004	0.012	-0.010	0.024	0.669	-0.01 (-0.06, 0.04)	0.005	0.025	0.855	4.52e-03 (-0.04, 0.05)
14670_1	SKIL	P12757	211	0.007	0.012	0.561	0.01 (-0.02, 0.03)	0.792	0.108	-0.037	0.025	0.137	-0.04 (-0.09, 0.01)	0.003	0.041	-0.016	0.020	0.420	-0.02 (-0.05, 0.02)	-0.024	0.023	0.316	-0.02 (-0.07, 0.02)
3484_60	AGT	P01019	211	0.008	0.014	0.561	0.01 (-0.02, 0.04)	0.792	3.56E-05	-0.024	0.028	0.397	-0.02 (-0.08, 0.03)	0.002	0.188	-0.020	0.021	0.347	-0.02 (-0.06, 0.02)	-0.020	0.025	0.431	-0.02 (-0.07, 0.03)
18878_15	GREM1	O60565	211	0.007	0.012	0.561	0.01 (-0.02, 0.03)	0.792	0.779	-0.025	0.024	0.290	-0.03 (-0.07, 0.02)	0.002	0.118	-0.009	0.020	0.676	-0.01 (-0.05, 0.03)	-0.020	0.026	0.444	-0.02 (-0.07, 0.03)
6027_31	RLN3	Q8WXF3	211	0.007	0.012	0.561	0.01 (-0.02, 0.03)	0.792	0.124	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)	0.004	0.004	-0.022	0.022	0.320	-0.02 (-0.06, 0.02)	-0.020	0.024	0.411	-0.02 (-0.07, 0.03)
12799_65	DNAJC27	Q9NZQ0	211	0.007	0.012	0.562	0.01 (-0.02, 0.03)	0.792	0.156	-0.035	0.024	0.148	-0.03 (-0.08, 0.01)	0.003	0.046	-0.019	0.023	0.402	-0.02 (-0.06, 0.03)	-0.014	0.023	0.555	-0.01 (-0.06, 0.03)
6273_58	LEPRE1	Q32P28	211	0.007	0.012	0.562	0.01 (-0.02, 0.03)	0.792	0.121	-0.048	0.025	0.050	-0.05 (-0.10, -3.23e-0	0.003	0.010	-0.016	0.024	0.509	-0.02 (-0.06, 0.03)	-0.012	0.023	0.614	-0.01 (-0.06, 0.03)
7975_97	UNC5A	Q6ZN44	211	0.007	0.011	0.562	0.01 (-0.02, 0.03)	0.792	0.082	-0.025	0.024	0.307	-0.02 (-0.07, 0.02)	0.002	0.134	-0.021	0.020	0.304	-0.02 (-0.06, 0.02)	-0.018	0.024	0.470	-0.02 (-0.07, 0.03)
11193_27	HNF1A	P20823	211	0.007	0.012	0.563	0.01 (-0.02, 0.03)	0.793	0.061	-0.011	0.025	0.650	-0.01 (-0.06, 0.04)	0.001	0.401	-0.025	0.021	0.230	-0.02 (-0.07, 0.02)	-0.021	0.024	0.399	-0.02 (-0.07, 0.03)
10798_4	CD300E	Q496F6	211	0.007	0.012	0.564	0.01 (-0.02, 0.03)	0.794	0.132	-0.052	0.024	0.032	-0.05 (-0.10, -4.75e-0	0.004	0.005	-0.026	0.020	0.196	-0.03 (-0.07, 0.01)	-0.016	0.022	0.467	-0.02 (-0.06, 0.03)
15457_14	ANPEP	P15144	211	0.007	0.012	0.565	0.01 (-0.02, 0.03)	0.794	0.093	-0.062	0.024	0.011	-0.06 (-0.11, -0.01)	0.004	0.001	-0.030	0.020	0.132	-0.03 (-0.07, 0.01)	-0.031	0.024	0.196	-0.03 (-0.08, 0.02)
19437_61	VEGFA	P15692	211	0.008	0.014	0.564	0.01 (-0.02, 0.03)	0.794	0.039	-0.036	0.027	0.187	-0.04 (-0.09, 0.02)	0.003	0.062	-0.015	0.026	0.579	-0.01 (-0.07, 0.04)	-0.015	0.027	0.571	-0.02 (-0.07, 0.04)
2647_66	GDI2	P50395	211	-0.007	0.012	0.564	-0.01 (-0.03, 0.02)	0.794	0.057	-0.041	0.025	0.100	-0.04 (-0.09, 0.01)	0.002	0.111	-0.049	0.021	0.020	-0.05 (-0.09, -0.01)	-0.045	0.023	0.057	-0.04 (-0.09, 1.17e-03)
6955_68	SNX1	Q13596	211	-0.007	0.012	0.564	-0.01 (-0.03, 0.02)	0.794	0.267	-0.050	0.024	0.036	-0.05 (-0.10, -3.55e-0	0.003	0.036	-0.037	0.020	0.061	-0.04 (-0.08, 1.75e-	-0.039	0.024	0.109	-0.04 (-0.09, 0.01)
8315_5	DEFB119	Q8N690	211	0.007	0.012	0.564	0.01 (-0.02, 0.03)	0.794	0.090	-0.039	0.024	0.109	-0.04 (-0.09, 0.01)	0.003	0.030	-0.021	0.019	0.276	-0.02 (-0.06, 0.02)	-0.013	0.022	0.544	-0.01 (-0.06, 0.03)
9028_5	MTPAP	Q9NVV4	211	0.007	0.012	0.564	0.01 (-0.02, 0.03)	0.794	0.386	-0.050	0.023	0.034	-0.05 (-0.10, -3.94e-0	0.004	0.006	-0.022	0.022	0.309	-0.02 (-0.07, 0.02)	-0.020	0.023	0.384	-0.02 (-0.06, 0.02)
13532_25	CNEP1R1	Q8N9A8	211	0.007	0.012	0.567	0.01 (-0.02, 0.03)	0.794	0.164	-0.057	0.024	0.018	-0.06 (-0.10, -0.01)	0.004	0.002	-0.036	0.020	0.078	-0.04 (-0.07, 3.93e-	-0.028	0.023	0.214	-0.03 (-0.07, 0.02)
13604_27	NEURL1	O76050	211	0.007	0.013	0.566	0.01 (-0.02, 0.03)	0.794	0.032	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)	0.005	0.001	-0.020	0.023	0.384	-0.02 (-0.06, 0.02)	-0.019	0.022	0.380	-0.02 (-0.06, 0.02)
17196_5	CLPP	Q16740	211	-0.007	0.012	0.566	-0.01 (-0.03, 0.02)	0.794	0.471	-0.049	0.023	0.034	-0.05 (-0.09, -4.08e-0	0.003	0.034	-0.009	0.019	0.635	-0.01 (-0.05, 0.03)	-0.031	0.023	0.183	-0.03 (-0.08, 0.01)
2970_60	AREG	P15514	211	-0.008	0.013	0.566	-0.01 (-0.03, 0.02)	0.794	0.016	-0.042	0.026	0.104	-0.04 (-0.09, 0.01)	0.002	0.122	-0.047	0.020	0.018	-0.05 (-0.09, -0.01)	-0.064	0.024	0.007	-0.06 (-0.11, -0.02)
3204_2	LTA4H	P09960	211	-0.007	0.012	0.565	-0.01 (-0.03, 0.02)	0.794	0.373	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)	0.001	0.376	0.003	0.023	0.903	2.79e-03 (-0.04, 0.0	-0.004	0.024	0.869	-4.05e-03 (-0.05, 0.04)
4567_82	SH2D1A	O60880	211	0.008	0.013	0.566	0.01 (-0.02, 0.03)	0.794	0.013	-0.034	0.026	0.194	-0.03 (-0.08, 0.02)	0.003	0.066	-0.033	0.020	0.095	-0.03 (-0.07, 0.01)	-0.060	0.026	0.021	-0.06 (-0.11, -0.01)
4906_35	F5	P12259	211	-0.008	0.014	0.567	-0.01 (-0.04, 0.02)	0.794	1.75E-04	-0.017	0.028	0.536	-0.02 (-0.07, 0.04)	0.001	0.702	0.014	0.024	0.567	0.01 (-0.03, 0.06)	0.020	0.023	0.393	0.02 (-0.03, 0.07)
6994_19	C3orf18	Q9UK00	211	0.008	0.014	0.566	0.01 (-0.02, 0.04)	0.794	2.93E-04	-0.073	0.027	0.007	-0.07 (-0.13, -0.02)	0.005	0.001	-0.009	0.021	0.676	-0.01 (-0.05, 0.03)	-0.015	0.024	0.531	-0.01 (-0.06, 0.03)
7011_8	KCNIP4	Q6PIL6	211	-0.007	0.011	0.566	-0.01 (-0.03, 0.02)	0.794	0.093	-0.070	0.024	0.004	-0.07 (-0.12, -0.02)	0.004	0.002	-0.022	0.023	0.339	-0.02 (-0.07, 0.02)	-0.019	0.024	0.442	-0.02 (-0.07, 0.03)
7818_101	GBP6	Q6ZN66	211	0.008	0.014	0.565	0.01 (-0.02, 0.03)	0.794	0.002	-0.074	0.026	0.005	-0.07 (-0.13, -0.02)	0.005	4.02E-04	-0.017	0.024	0.470	-0.02 (-0.06, 0.03)	-0.012	0.023	0.599	-0.01 (-0.06, 0.03)
7825_7	ABHD12	Q8N2K0	211	0.007	0.012	0.566	0.01 (-0.02, 0.03)	0.794	0.209	-0.043	0.024	0.074	-0.04 (-0.09, 3.93e-03	0.003	0.017	-0.015	0.023	0.532	-0.01 (-0.06, 0.03)	-0.011	0.021	0.612	-0.01 (-0.05, 0.03)
9168_31	CCL26	Q9Y258	211	0.007	0.012	0.566	0.01 (-0.02, 0.03)	0.794	0.218	-0.053	0.024	0.026	-0.05 (-0.10, -0.01)	0.004	0.004	-0.020	0.019	0.302	-0.02 (-0.06, 0.02)	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)
18407_36	ARL2BP	Q9Y2Y0	211	-0.007	0.012	0.567	-0.01 (-0.03, 0.02)	0.794	0.122	-0.019	0.024	0.422	-0.02 (-0.07, 0.03)	0.001	0.540	-0.031	0.019	0.105	-0.03 (-0.07, 0.01)	-0.039	0.024	0.101	-0.04 (-0.09, 0.01)
5852_6	S100A12	P80511	211	0.008	0.014	0.567	0.01 (-0.02, 0.04)	0.794	0.004	-0.066	0.027	0.015	-0.07 (-0.12, -0.01)	0.005	0.002	-0.019	0.020	0.364	-0.02 (-0.06, 0.02)	-0.045	0.026	0.091	-0.04 (-0.10, 0.01)
5947_90	THPO	P40225	211	0.008	0.014	0.567	0.01 (-0.02, 0.04)	0.794	3.99E-04	-0.039	0.028	0.157	-0.04 (-0.09, 0.01)	0.003	0.049	-0.004	0.025	0.861	-4.39e-03 (-0.05, 0.	0.005	0.025	0.849	4.81e-03 (-0.04, 0.05)
7897_75	DLG3	Q92796	211	0.007	0.012	0.567	0.01 (-0.02, 0.03)	0.794	0.079	-0.023	0.026	0.372	-0.02 (-0.07, 0.03)	0.002	0.179	-0.008	0.020	0.697	-0.01 (-0.05, 0.03)	-0.041	0.026	0.121	-0.04 (-0.09, 0.01)
8909_77	GNPDA1	P46926	211	0.007	0.012	0.567	0.01 (-0.02, 0.03)	0.794	0.322	-0.056	0.024	0.019	-0.06 (-0.10, -0.01)	0.004	0.002	-0.026	0.021	0.221	-0.03 (-0.07, 0.02)	-0.026	0.023	0.262	-0.03 (-0.07, 0.02)
10582_36	POMK	Q9H5K3	211	0.008	0.014	0.568	0.01 (-0.02, 0.03)	0.794	0.001	-0.051	0.026	0.056	-0.05 (-0.10, 1.04e-03	0.004	0.011	-0.010	0.020	0.624	-0.01 (-0.05, 0.03)	-0.015	0.024	0.542	-0.01 (-0.06, 0.03)
9849_13	APEX1	P27695	211	-0.008	0.013	0.568	-0.01 (-0.03, 0.02)	0.794	0.009	-0.065	0.026	0.014	-0.06 (-0.12, -0.01)	0.004	0.012	-0.028	0.020	0.154	-0.03 (-0.07, 0.01)	-0.063	0.028	0.026	-0.06 (-0.12, -0.01)
14114_18	PIANP	Q8IYJ0	211	-0.008	0.014	0.568	-0.01 (-0.03, 0.02)	0.795	0.006	0.031	0.027	0.253	0.03 (-0.02, 0.08)	-0.002	0.102	0.002	0.025	0.940	1.87e-03 (-0.05, 0.0	0.005	0.024	0.846	4.70e-03 (-0.04, 0.05)
18904_23	CAMK4	Q16566	211	0.007	0.013	0.569	0.01 (-0.02, 0.03)	0.795	0.004	-0.039	0.026	0.132	-0.04 (-0.09, 0.01)	0.003	0.038	-0.019	0.023	0.415	-0.02 (-0.06, 0.03)	-0.016	0.023	0.474	-0.02 (-0.06, 0.03)
7199_3	SYN3	O14994	211	0.007	0.013	0.569	0.01 (-0.02, 0.03)	0.795	0.009	-0.048	0.026	0.062	-0.05 (-0.10, 2.21e-03	0.003	0.013	-0.010	0.020	0.633	-0.01 (-0.05, 0.03)	-0.010	0.023	0.665	-0.01 (-0.05, 0.03)
2558_51	POMC	P01189	211	0.007	0.012	0.569	0.01 (-0.02, 0.03)	0.795	0.364	-0.015	0.024	0.539	-0.01 (-0.06, 0.03)	0.001	0.300	-0.019	0.022	0.370	-0.02 (-0.06, 0.02)	-0.014	0.021	0.516	-0.01 (-0.06, 0.03)
7148_42	FAM173A	Q9BQD7	211	0.007	0.012	0.569	0.01 (-0.02, 0.03)	0.795	0.049	-0.026	0.024	0.294	-0.03 (-0.07, 0.02)	0.002	0.122	-0.024	0.018	0.179	-0.02 (-0.06, 0.01)	-0.038	0.023	0.099	-0.04 (-0.08, 0.01)
16293_1	GHRH	P01286	211	0.007	0.012	0.570	0.01 (-0.02, 0.03)	0.795	0.302	-0.046	0.024	0.054	-0.05 (-0.09, 5.49e-04	0.003	0.011	-0.027	0.023	0.225	-0.03 (-0.07, 0.02)	-0.024	0.026	0.358	-0.02 (-0.07, 0.03)
18373_13	RDX	P35241	211	-0.007	0.013	0.570	-0.01 (-0.03, 0.02)	0.795	0.029	-0.040	0.026	0.123	-0.04 (-0.09, 0.01)	0.002	0.145	-0.041	0.020	0.045	-0.04 (-0.08, -9.28e-	-0.045	0.023	0.054	-0.05 (-0.09, 4.54e-04)
2949_6	PLA2G10	O15496	211	-0.007	0.012	0.570	-0.01 (-0.03, 0.02)	0.795	0.285	-0.067	0.023	0.004	-0.07 (-0.11, -0.02)	0.004	0.003	-0.017	0.021	0.414	-0.02 (-0.06, 0.02)	-0.030	0.023	0.196	-0.03 (-0.08, 0.02)
11422_2	DLX3	O60479	211	-0.007	0.012	0.570	-0.01 (-0.03, 0.02)	0.795	0.111	-0.049	0.024	0.045	-0.05 (-0.10, -1.40e-0	0.003	0.045	-0.042	0.020	0.033	-0.04 (-0.08, -3.46e-	-0.034	0.023	0.141	-0.03 (-0.08, 0.01)
9581_4	PRPF6	O94906	211	0.007	0.013	0.570	0.01 (-0.02, 0.03)	0.795	0.023	-0.048	0.025	0.063	-0.05 (-0.10, 2.28e-03	0.003	0.013	-0.018	0.022	0.421	-0.02 (-0.06, 0.03)	-0.006	0.023	0.813	-0.01 (-0.05, 0.04)
12497_29	NUDT16L1	Q9BRJ7	211	-0.007	0.013	0.571	-0.01 (-0.03, 0.02)	0.796	0.023	-0.064	0.026	0.014	-0.06 (-0.11, -0.01)	0.004	0.012	-0.050	0.020	0.012	-0.05 (-0.09, -0.01)	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)
3043_49	SPARC	P09486	211	-0.008	0.014	0.571	-0.01 (-0.03, 0.02)	0.796	0.003	-0.041	0.027	0.135	-0.04 (-0.09, 0.01)	0.002	0.161	-0.047	0.024	0.047	-0.05 (-0.09, -5.51e-	-0.045	0.026	0.081	-0.04 (-0.09, 0.01)
12041_33	HSPA1L	P34931	211	0.007	0.013	0.572	0.01 (-0.02, 0.03)	0.797	0.014	-0.055	0.026	0.034	-0.06 (-0.11, -4.51e-0	0.004	0.006	0.002	0.025	0.943	1.79e-03 (-0.05, 0.0	-0.004	0.023	0.853	-4.26e-03 (-0.05, 0.04)
17387_27	NFKBIB	Q15653	211	0.007	0.012	0.573	0.01 (-0.02, 0.03)	0.797	0.487	-0.034	0.023	0.150	-0.03 (-0.08, 0.01)	0.003	0.046	-0.014	0.022	0.531	-0.01 (-0.06, 0.03)	-0.006	0.023	0.810	-0.01 (-0.05, 0.04)
19117_3	PPP1R14A	Q96A00	211	-0.007	0.013	0.572	-0.01 (-0.03, 0.02)	0.797	0.027	-0.023	0.026	0.370	-0.02 (-0.07, 0.03)	0.001	0.478	-0.008	0.026	0.755	-0.01 (-0.06, 0.04)	-0.014	0.025	0.561	-0.01 (-0.06, 0.03)
3189_61	TMPRSS15	P98073	211	0.007	0.012	0.573	0.01 (-0.02, 0.03)	0.797	0.516	-0.023	0.023	0.326	-0.02 (-0.07, 0.02)	0.002	0.142	-0.002	0.025	0.932	-2.10e-03 (-0.05, 0.	-0.003	0.023	0.881	-3.45e-03 (-0.05, 0.04)
4234_8	IL1RL1	Q01638	211	0.007	0.013	0.573	0.01 (-0.02, 0.03)	0.797	4.42E-06	0.007	0.026	0.796	0.01 (-0.04, 0.06)	0.000	0.977	-0.003	0.022	0.894	-2.97e-03 (-0.05, 0.	0.006	0.021	0.782	0.01 (-0.04, 0.05)
7846_44	PSG11	Q9UQ72	211	0.007	0.013	0.573	0.01 (-0.02, 0.03)	0.797	0.014	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)	0.004	0.003	-0.020	0.024	0.408	-0.02 (-0.07, 0.03)	-0.024	0.023	0.300	-0.02 (-0.07, 0.02)
10852_114	HNRNPDL	O14979	211	-0.007	0.012	0.573	-0.01 (-0.03, 0.02)	0.797	0.117	-0.051	0.025	0.040	-0.05 (-0.10, -2.63e-0	0.003	0.039	-0.038	0.019	0.048	-0.04 (-0.08, -3.51e-	-0.046	0.025	0.062	-0.05 (-0.10, 2.10e-03)
14045_12	NCOA2	Q15596	211	0.007	0.012	0.574	0.01 (-0.02, 0.03)	0.797	0.086	-0.066	0.024	0.007	-0.07 (-0.11, -0.02)	0.005	0.001	-0.035	0.022	0.103	-0.04 (-0.08, 0.01)	-0.031	0.023	0.180	-0.03 (-0.08, 0.01)
2962_50	PTHLH	P12272	211	-0.007	0.012	0.574	-0.01 (-0.03, 0.02)	0.797	0.204	-0.048	0.024	0.047	-0.05 (-0.09, -8.11e-0	0.003	0.048	-0.014	0.018	0.444	-0.01 (-0.05, 0.02)	-0.043	0.024	0.069	-0.04 (-0.09, 3.09e-03)
3773_15	TEK	Q02763	211	0.007	0.012	0.574	0.01 (-0.02, 0.03)	0.797	0.103	0.010	0.025	0.695	0.01 (-0.04, 0.06)	0.000	0.884	-0.032	0.021	0.126	-0.03 (-0.07, 0.01)	-0.023	0.025	0.370	-0.02 (-0.07, 0.03)
4145_58	NTF3	P20783	211	-0.007	0.012	0.574	-0.01 (-0.03, 0.02)	0.797	0.144	-0.037	0.024	0.131	-0.04 (-0.09, 0.01)	0.002	0.150	-0.029	0.019	0.125	-0.03 (-0.07, 0.01)	-0.045	0.023	0.054	-0.04 (-0.09, 4.55e-04)
4184_43	EIF4EBP2	Q13542	211	-0.007	0.012	0.574	-0.01 (-0.03, 0.02)	0.797	0.195	-0.023	0.024	0.352	-0.02 (-0.07, 0.02)	0.001	0.446	-0.026	0.021	0.213	-0.03 (-0.07, 0.02)	-0.033	0.022	0.139	-0.03 (-0.08, 0.01)
6531_29	FAM162A	Q96A26	211	0.007	0.012	0.574	0.01 (-0.02, 0.03)	0.797	0.314	-0.025	0.024	0.304	-0.02 (-0.07, 0.02)	0.002	0.132	-0.012	0.021	0.557	-0.01 (-0.05, 0.03)	-0.017	0.025	0.495	-0.02 (-0.07, 0.03)
8043_153	COMP	P49747	211	-0.008	0.014	0.574	-0.01 (-0.04, 0.02)	0.797	0.003	-0.055	0.028	0.052	-0.05 (-0.11, 1.41e-04	0.003	0.055	-0.036	0.023	0.124	-0.04 (-0.08, 0.01)	-0.023	0.027	0.403	-0.02 (-0.08, 0.03)
9237_54	ACP2	P11117	211	0.007	0.012	0.574	0.01 (-0.02, 0.03)	0.797	0.284	0.011	0.024	0.640	0.01 (-0.04, 0.06)	0.000	0.823	0.012	0.024	0.619	0.01 (-0.03, 0.06)	0.007	0.024	0.775	0.01 (-0.04, 0.05)
16755_195	GDF3	Q9NR23	211	0.007	0.013	0.575	0.01 (-0.02, 0.03)	0.798	0.046	-0.064	0.025	0.010	-0.06 (-0.11, -0.02)	0.004	0.001	-0.012	0.021	0.571	-0.01 (-0.05, 0.03)	-0.013	0.021	0.523	-0.01 (-0.05, 0.03)
6463_59	QRFP	P83859	211	0.007	0.012	0.575	0.01 (-0.02, 0.03)	0.798	0.092	-0.056	0.024	0.023	-0.06 (-0.10, -0.01)	0.004	0.003	-0.014	0.023	0.532	-0.01 (-0.06, 0.03)	-0.012	0.023	0.612	-0.01 (-0.06, 0.03)
9256_78	NPTX1	Q15818	211	0.008	0.014	0.575	0.01 (-0.02, 0.04)	0.798	2.88E-04	0.009	0.028	0.755	0.01 (-0.05, 0.06)	0.000	0.972	0.016	0.026	0.527	0.02 (-0.03, 0.07)	0.012	0.026	0.636	0.01 (-0.04, 0.06)
13393_46	DERL1	Q9BUN8	211	-0.007	0.013	0.576	-0.01 (-0.03, 0.02)	0.798	0.020	-0.045	0.025	0.077	-0.05 (-0.09, 4.57e-03	0.002	0.085	-0.030	0.020	0.124	-0.03 (-0.07, 0.01)	-0.055	0.026	0.038	-0.05 (-0.11, -3.33e-03)
14131_37	EFNB2	P52799	211	-0.008	0.014	0.576	-0.01 (-0.03, 0.02)	0.798	0.002	0.001	0.028	0.961	1.34e-03 (-0.05, 0.06)	-0.001	0.703	-0.017	0.026	0.515	-0.02 (-0.07, 0.03)	-0.015	0.029	0.611	-0.01 (-0.07, 0.04)
19302_7	GIMAP6	Q6P9H5	211	0.007	0.012	0.576	0.01 (-0.02, 0.03)	0.798	0.076	-0.056	0.024	0.022	-0.06 (-0.10, -0.01)	0.004	0.003	-0.014	0.021	0.508	-0.01 (-0.05, 0.03)	-0.021	0.026	0.411	-0.02 (-0.07, 0.03)
6471_53	CFHR4	Q92496	211	-0.006	0.010	0.576	-0.01 (-0.03, 0.01)	0.798	2.41E-04	-0.019	0.021	0.347	-0.02 (-0.06, 0.02)	0.001	0.445	-0.008	0.018	0.648	-0.01 (-0.04, 0.03)	-0.014	0.017	0.426	-0.01 (-0.05, 0.02)
7081_2	BTN3A1	O00481	211	-0.007	0.012	0.576	-0.01 (-0.03, 0.02)	0.798	0.055	-0.071	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.003	-0.030	0.023	0.201	-0.03 (-0.08, 0.02)	-0.025	0.024	0.296	-0.02 (-0.07, 0.02)
9738_7	FAF2	Q96CS3	211	-0.007	0.013	0.576	-0.01 (-0.03, 0.02)	0.798	0.026	-0.032	0.025	0.209	-0.03 (-0.08, 0.02)	0.002	0.258	-0.033	0.020	0.096	-0.03 (-0.07, 0.01)	-0.044	0.025	0.082	-0.04 (-0.09, 0.01)
13583_19	APAF1	O14727	211	0.007	0.013	0.576	0.01 (-0.02, 0.03)	0.798	0.011	-0.007	0.026	0.771	-0.01 (-0.06, 0.04)	0.001	0.508	0.017	0.023	0.469	0.02 (-0.03, 0.06)	0.006	0.024	0.820	0.01 (-0.04, 0.05)
13055_53	PSD	A5PKW4	211	-0.010	0.018	0.577	-0.01 (-0.05, 0.03)	0.798	3.09E-22	-0.077	0.035	0.031	-0.08 (-0.15, -0.01)	0.004	0.029	-0.023	0.023	0.311	-0.02 (-0.07, 0.02)	-0.012	0.024	0.621	-0.01 (-0.06, 0.04)
13514_121	RAB35	Q15286	211	0.007	0.013	0.577	0.01 (-0.02, 0.03)	0.798	0.025	-0.062	0.025	0.015	-0.06 (-0.11, -0.01)	0.004	0.002	-0.035	0.021	0.095	-0.04 (-0.08, 0.01)	-0.029	0.023	0.225	-0.03 (-0.07, 0.02)
16825_20	ATXN3	P54252	211	-0.007	0.012	0.577	-0.01 (-0.03, 0.02)	0.798	0.166	-0.044	0.024	0.075	-0.04 (-0.09, 4.15e-03	0.002	0.080	-0.034	0.022	0.114	-0.03 (-0.08, 0.01)	-0.039	0.024	0.098	-0.04 (-0.09, 0.01)
7773_20	KIR2DL2	P43627	211	0.007	0.013	0.577	0.01 (-0.02, 0.03)	0.798	0.031	-0.025	0.025	0.315	-0.02 (-0.07, 0.02)	0.002	0.137	0.029	0.023	0.202	0.03 (-0.02, 0.07)	0.027	0.024	0.259	0.03 (-0.02, 0.07)
9327_3	LYPD1	Q8N2G4	211	0.007	0.012	0.577	0.01 (-0.02, 0.03)	0.798	0.054	-0.049	0.024	0.048	-0.05 (-0.10, -7.96e-0	0.003	0.009	-0.006	0.025	0.819	-0.01 (-0.05, 0.04)	-0.011	0.024	0.657	-0.01 (-0.06, 0.04)
9838_4	SMAD1	Q15797	211	-0.007	0.012	0.577	-0.01 (-0.03, 0.02)	0.798	0.060	-0.044	0.026	0.090	-0.04 (-0.09, 0.01)	0.002	0.097	-0.038	0.022	0.083	-0.04 (-0.08, 4.95e-	-0.044	0.026	0.090	-0.04 (-0.10, 0.01)
8069_85	CD3E	P07766	211	-0.009	0.016	0.578	-0.01 (-0.04, 0.02)	0.798	1.78E-13	-0.065	0.032	0.044	-0.06 (-0.13, -2.18e-0	0.004	0.044	0.004	0.025	0.869	4.08e-03 (-0.04, 0.0	0.014	0.024	0.556	0.01 (-0.03, 0.06)
7835_2	BNIP3L	O60238	211	-0.006	0.012	0.578	-0.01 (-0.03, 0.02)	0.798	0.208	-0.022	0.024	0.350	-0.02 (-0.07, 0.02)	0.001	0.441	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)	-0.017	0.023	0.474	-0.02 (-0.06, 0.03)
19560_23	PLXNA4	Q9HCM2	211	-0.007	0.013	0.578	-0.01 (-0.03, 0.02)	0.798	0.016	0.001	0.026	0.979	6.73e-04 (-0.05, 0.05)	0.000	0.723	-0.016	0.022	0.461	-0.02 (-0.06, 0.03)	-0.013	0.025	0.613	-0.01 (-0.06, 0.04)
7191_32	SLMAP	Q14BN4	211	-0.006	0.012	0.580	-0.01 (-0.03, 0.02)	0.801	0.058	-0.033	0.025	0.193	-0.03 (-0.08, 0.02)	0.002	0.227	-0.034	0.021	0.109	-0.03 (-0.08, 0.01)	-0.036	0.023	0.119	-0.04 (-0.08, 0.01)
2979_8	CXCL5	P42830	211	-0.007	0.013	0.580	-0.01 (-0.03, 0.02)	0.801	0.022	-0.073	0.025	0.005	-0.07 (-0.12, -0.02)	0.004	0.003	-0.028	0.021	0.172	-0.03 (-0.07, 0.01)	-0.024	0.023	0.305	-0.02 (-0.07, 0.02)
4985_11	FABP5	Q01469	211	0.006	0.012	0.581	0.01 (-0.02, 0.03)	0.801	0.170	-0.038	0.024	0.112	-0.04 (-0.08, 0.01)	0.003	0.032	-0.014	0.022	0.537	-0.01 (-0.06, 0.03)	-0.012	0.023	0.612	-0.01 (-0.06, 0.03)
3831_21	PTEN	P60484	211	-0.007	0.012	0.581	-0.01 (-0.03, 0.02)	0.801	0.115	-0.032	0.025	0.201	-0.03 (-0.08, 0.02)	0.002	0.240	-0.048	0.022	0.030	-0.05 (-0.09, -4.51e-	-0.047	0.024	0.046	-0.05 (-0.09, -1.06e-03)
2900_53	CCL14	Q16627	211	0.008	0.015	0.581	0.01 (-0.02, 0.04)	0.801	2.00E-04	0.015	0.030	0.623	0.01 (-0.04, 0.07)	0.000	0.799	-0.001	0.024	0.976	-7.21e-04 (-0.05, 0.	0.009	0.024	0.708	0.01 (-0.04, 0.06)
9778_45	TMEM52B	Q4KMG9	211	0.006	0.012	0.581	0.01 (-0.02, 0.03)	0.801	0.108	-0.026	0.025	0.295	-0.03 (-0.07, 0.02)	0.002	0.131	-0.012	0.023	0.586	-0.01 (-0.06, 0.03)	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)
14070_56	ITSN1	Q15811	211	-0.007	0.012	0.582	-0.01 (-0.03, 0.02)	0.802	0.234	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.003	0.008	-0.031	0.020	0.110	-0.03 (-0.07, 0.01)	-0.042	0.024	0.089	-0.04 (-0.09, 0.01)
3685_53	MFRP	Q9BY79	211	-0.006	0.012	0.582	-0.01 (-0.03, 0.02)	0.802	0.094	-0.052	0.025	0.035	-0.05 (-0.10, -3.90e-0	0.003	0.033	-0.016	0.020	0.408	-0.02 (-0.06, 0.02)	-0.017	0.025	0.488	-0.02 (-0.07, 0.03)
8019_73	STMN3	Q9NZ72	211	-0.007	0.013	0.582	-0.01 (-0.03, 0.02)	0.802	0.005	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.004	0.005	-0.046	0.021	0.033	-0.05 (-0.09, -3.64e-	-0.051	0.026	0.049	-0.05 (-0.10, -4.82e-04)
15693_9	PGR	P06401	211	-0.007	0.013	0.583	-0.01 (-0.03, 0.02)	0.802	0.009	-0.066	0.026	0.011	-0.07 (-0.12, -0.02)	0.004	0.008	-0.045	0.019	0.019	-0.04 (-0.08, -0.01)	-0.063	0.023	0.007	-0.06 (-0.11, -0.02)
3890_8	LDHB	P07195	211	-0.007	0.013	0.583	-0.01 (-0.03, 0.02)	0.802	0.005	-0.046	0.027	0.089	-0.05 (-0.10, 0.01)	0.002	0.100	-0.040	0.024	0.100	-0.04 (-0.09, 0.01)	-0.042	0.027	0.115	-0.04 (-0.09, 0.01)
9171_11	CSRP3	P50461	211	0.007	0.012	0.583	0.01 (-0.02, 0.03)	0.802	0.096	-0.027	0.025	0.286	-0.03 (-0.08, 0.02)	0.002	0.126	-0.020	0.024	0.400	-0.02 (-0.07, 0.03)	-0.030	0.026	0.255	-0.03 (-0.08, 0.02)
13549_15	ADAM29	Q9UKF5	211	0.006	0.012	0.583	0.01 (-0.02, 0.03)	0.802	0.355	-0.041	0.023	0.079	-0.04 (-0.09, 4.51e-03	0.003	0.019	-0.012	0.023	0.609	-0.01 (-0.06, 0.03)	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)
15418_25	MAPK10	P53779	211	-0.007	0.012	0.583	-0.01 (-0.03, 0.02)	0.802	0.136	-0.024	0.025	0.340	-0.02 (-0.07, 0.03)	0.001	0.423	-0.036	0.021	0.081	-0.04 (-0.08, 4.45e-	-0.044	0.027	0.099	-0.04 (-0.10, 0.01)
16322_10	PACAP	Q8WU39	211	0.009	0.017	0.584	0.01 (-0.02, 0.04)	0.803	2.83E-14	-0.034	0.034	0.319	-0.03 (-0.10, 0.03)	0.003	0.141	-0.035	0.021	0.090	-0.03 (-0.08, 0.01)	-0.035	0.025	0.159	-0.04 (-0.08, 0.01)
3419_49	CAMK2D	Q13557	211	-0.007	0.013	0.584	-0.01 (-0.03, 0.02)	0.803	0.005	-0.046	0.026	0.078	-0.05 (-0.10, 0.01)	0.002	0.086	-0.028	0.020	0.164	-0.03 (-0.07, 0.01)	-0.039	0.024	0.106	-0.04 (-0.09, 0.01)
19153_53	MPPED2	Q15777	211	0.006	0.012	0.585	0.01 (-0.02, 0.03)	0.804	0.081	-0.046	0.025	0.064	-0.05 (-0.09, 2.40e-03	0.003	0.015	-0.019	0.019	0.312	-0.02 (-0.06, 0.02)	-0.036	0.024	0.144	-0.04 (-0.08, 0.01)
2998_53	JAM3	Q9BX67	211	-0.007	0.013	0.585	-0.01 (-0.03, 0.02)	0.804	0.038	-0.038	0.026	0.136	-0.04 (-0.09, 0.01)	0.002	0.159	-0.042	0.019	0.032	-0.04 (-0.08, -3.67e-	-0.058	0.024	0.015	-0.06 (-0.11, -0.01)
13552_7	SWAP70	Q9UH65	211	-0.007	0.013	0.585	-0.01 (-0.03, 0.02)	0.804	0.022	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.010	-0.032	0.021	0.130	-0.03 (-0.07, 0.01)	-0.036	0.024	0.128	-0.04 (-0.08, 0.01)
12427_8	CDC25B	P30305	211	0.008	0.014	0.586	0.01 (-0.02, 0.03)	0.804	3.10E-04	-0.060	0.027	0.027	-0.06 (-0.11, -0.01)	0.004	0.004	-0.014	0.021	0.515	-0.01 (-0.06, 0.03)	-0.019	0.023	0.414	-0.02 (-0.06, 0.03)
13993_20	EPB41L1	Q9H4G0	211	-0.007	0.013	0.586	-0.01 (-0.03, 0.02)	0.805	0.005	-0.047	0.026	0.070	-0.05 (-0.10, 3.65e-03	0.003	0.075	-0.045	0.020	0.025	-0.05 (-0.08, -0.01)	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)
2696_87	PSPN	O60542	211	0.007	0.013	0.587	0.01 (-0.02, 0.03)	0.805	0.006	-0.061	0.026	0.018	-0.06 (-0.11, -0.01)	0.004	0.002	-0.018	0.020	0.387	-0.02 (-0.06, 0.02)	-0.041	0.024	0.083	-0.04 (-0.09, 0.01)
12533_135	CYTH2	Q99418	211	0.007	0.013	0.587	0.01 (-0.02, 0.03)	0.805	0.045	-0.055	0.025	0.029	-0.05 (-0.10, -0.01)	0.004	0.005	-0.022	0.022	0.326	-0.02 (-0.07, 0.02)	-0.018	0.021	0.398	-0.02 (-0.06, 0.02)
8447_11	GHRL	Q9UBU3	211	-0.007	0.013	0.587	-0.01 (-0.03, 0.02)	0.805	0.031	-0.020	0.026	0.432	-0.02 (-0.07, 0.03)	0.001	0.552	0.003	0.022	0.876	3.47e-03 (-0.04, 0.0	-0.004	0.023	0.856	-4.23e-03 (-0.05, 0.04)
15567_2	CD247	P20963	211	0.006	0.012	0.588	0.01 (-0.02, 0.03)	0.806	0.289	-0.049	0.023	0.039	-0.05 (-0.09, -2.78e-0	0.003	0.007	-0.009	0.022	0.679	-0.01 (-0.05, 0.03)	-0.008	0.024	0.729	-0.01 (-0.06, 0.04)
13450_49	USP8	P40818	211	-0.007	0.013	0.589	-0.01 (-0.03, 0.02)	0.807	0.018	-0.032	0.026	0.215	-0.03 (-0.08, 0.02)	0.002	0.262	-0.036	0.021	0.085	-0.04 (-0.08, 0.01)	-0.036	0.025	0.156	-0.04 (-0.08, 0.01)
10040_63	TP63	Q9H3D4	211	0.006	0.012	0.589	0.01 (-0.02, 0.03)	0.807	0.857	-0.017	0.023	0.452	-0.02 (-0.06, 0.03)	0.001	0.236	-0.029	0.021	0.177	-0.03 (-0.07, 0.01)	-0.021	0.023	0.349	-0.02 (-0.07, 0.02)
13969_24	KPNA6	O60684	211	-0.007	0.013	0.589	-0.01 (-0.03, 0.02)	0.807	0.025	-0.030	0.026	0.243	-0.03 (-0.08, 0.02)	0.001	0.299	-0.044	0.022	0.044	-0.04 (-0.09, -1.19e-	-0.050	0.025	0.048	-0.05 (-0.10, -6.33e-04)
8845_2	ADAMTS3	O15072	211	0.006	0.012	0.589	0.01 (-0.02, 0.03)	0.807	0.620	-0.031	0.023	0.182	-0.03 (-0.08, 0.01)	0.002	0.064	-0.013	0.021	0.528	-0.01 (-0.05, 0.03)	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)
3305_6	DLL4	Q9NR61	211	0.006	0.012	0.590	0.01 (-0.02, 0.03)	0.808	0.182	0.005	0.025	0.825	0.01 (-0.04, 0.05)	0.000	0.965	-0.015	0.023	0.512	-0.02 (-0.06, 0.03)	-0.003	0.023	0.903	-2.80e-03 (-0.05, 0.04)
12531_5	ERVV-1	B6SEH8	211	0.006	0.012	0.590	0.01 (-0.02, 0.03)	0.808	0.105	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)	0.002	0.069	-0.008	0.024	0.752	-0.01 (-0.06, 0.04)	-0.002	0.024	0.932	-2.04e-03 (-0.05, 0.04)
14066_49	MAGI2	Q86UL8	211	0.007	0.013	0.591	0.01 (-0.02, 0.03)	0.808	0.012	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.003	0.026	-0.003	0.020	0.889	-2.85e-03 (-0.04, 0.	-0.014	0.023	0.530	-0.01 (-0.06, 0.03)
11383_41	KRT7	P08729	211	0.007	0.013	0.593	0.01 (-0.02, 0.03)	0.809	0.023	-0.063	0.025	0.014	-0.06 (-0.11, -0.01)	0.004	0.002	-0.011	0.021	0.597	-0.01 (-0.05, 0.03)	-0.019	0.024	0.434	-0.02 (-0.07, 0.03)
11431_235	RECQL	P46063	211	-0.007	0.013	0.593	-0.01 (-0.03, 0.02)	0.809	0.014	-0.061	0.026	0.021	-0.06 (-0.11, -0.01)	0.003	0.018	-0.033	0.021	0.116	-0.03 (-0.07, 0.01)	-0.078	0.029	0.008	-0.08 (-0.14, -0.02)
13131_5	HK1	P19367	211	0.007	0.013	0.591	0.01 (-0.02, 0.03)	0.809	0.005	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.005	0.002	-0.016	0.021	0.454	-0.02 (-0.06, 0.03)	-0.008	0.022	0.724	-0.01 (-0.05, 0.03)
14711_27	CST6	Q15828	211	0.008	0.015	0.593	0.01 (-0.02, 0.04)	0.809	2.26E-07	0.078	0.030	0.011	0.08 (0.02, 0.14)	-0.004	0.008	0.041	0.021	0.051	0.04 (-1.01e-04, 0.0	0.055	0.031	0.076	0.05 (-0.01, 0.11)
16883_57	RAB4A	P20338	211	-0.006	0.012	0.593	-0.01 (-0.03, 0.02)	0.809	0.246	-0.049	0.024	0.043	-0.05 (-0.10, -1.86e-0	0.003	0.041	-0.010	0.018	0.580	-0.01 (-0.05, 0.03)	-0.026	0.025	0.298	-0.03 (-0.08, 0.02)
18300_39	PURB	Q96QR8	211	-0.007	0.013	0.592	-0.01 (-0.03, 0.02)	0.809	0.020	-0.040	0.026	0.132	-0.04 (-0.09, 0.01)	0.002	0.152	-0.055	0.021	0.009	-0.05 (-0.10, -0.01)	-0.062	0.027	0.022	-0.06 (-0.11, -0.01)
19114_8	TK2	O00142	211	0.006	0.012	0.591	0.01 (-0.02, 0.03)	0.809	0.198	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)	0.002	0.130	-0.011	0.021	0.602	-0.01 (-0.05, 0.03)	-0.016	0.025	0.529	-0.02 (-0.06, 0.03)
19143_38	CYB5R2	Q6BCY4	211	-0.007	0.014	0.592	-0.01 (-0.03, 0.02)	0.809	0.012	-0.024	0.027	0.376	-0.02 (-0.08, 0.03)	0.001	0.475	-0.026	0.025	0.297	-0.03 (-0.07, 0.02)	-0.025	0.025	0.320	-0.02 (-0.07, 0.02)
2708_54	TNFSF18	Q9UNG2	211	0.007	0.013	0.593	0.01 (-0.02, 0.03)	0.809	0.014	-0.070	0.025	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.023	0.023	0.301	-0.02 (-0.07, 0.02)	-0.012	0.024	0.627	-0.01 (-0.06, 0.04)
2780_35	LTF	P02788	211	-0.007	0.013	0.593	-0.01 (-0.03, 0.02)	0.809	0.037	-0.041	0.026	0.114	-0.04 (-0.09, 0.01)	0.002	0.129	-0.018	0.019	0.347	-0.02 (-0.06, 0.02)	-0.049	0.026	0.054	-0.05 (-0.10, 6.06e-04)
4203_50	CFL1	P23528	211	-0.007	0.013	0.593	-0.01 (-0.03, 0.02)	0.809	0.018	-0.040	0.026	0.127	-0.04 (-0.09, 0.01)	0.002	0.146	-0.028	0.024	0.249	-0.03 (-0.08, 0.02)	-0.026	0.024	0.291	-0.03 (-0.07, 0.02)
5481_16	RASA1	P20936	211	0.006	0.012	0.593	0.01 (-0.02, 0.03)	0.809	0.241	-0.015	0.024	0.538	-0.01 (-0.06, 0.03)	0.001	0.310	-0.015	0.024	0.521	-0.02 (-0.06, 0.03)	-0.021	0.025	0.393	-0.02 (-0.07, 0.03)
6375_75	XXYLT1	Q8NBI6	211	0.006	0.012	0.592	0.01 (-0.02, 0.03)	0.809	0.213	-0.006	0.025	0.799	-0.01 (-0.05, 0.04)	0.001	0.551	-0.009	0.023	0.690	-0.01 (-0.05, 0.04)	-0.011	0.026	0.665	-0.01 (-0.06, 0.04)
7809_22	SPATA9	Q9BWV2	211	0.007	0.013	0.592	0.01 (-0.02, 0.03)	0.809	0.029	-0.005	0.025	0.845	-4.97e-03 (-0.05, 0.04	0.001	0.591	-0.022	0.020	0.270	-0.02 (-0.06, 0.02)	-0.025	0.024	0.298	-0.03 (-0.07, 0.02)
9531_24	LST1	O00453	211	-0.006	0.012	0.593	-0.01 (-0.03, 0.02)	0.809	0.166	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.007	-0.042	0.019	0.026	-0.04 (-0.08, -4.96e-	-0.061	0.022	0.007	-0.06 (-0.10, -0.02)
10668_5	STX4	Q12846	211	-0.007	0.013	0.594	-0.01 (-0.03, 0.02)	0.809	0.020	-0.022	0.026	0.385	-0.02 (-0.07, 0.03)	0.001	0.486	-0.024	0.022	0.288	-0.02 (-0.07, 0.02)	-0.023	0.025	0.372	-0.02 (-0.07, 0.03)
12708_91	L3MBTL2	Q969R5	211	-0.007	0.013	0.595	-0.01 (-0.03, 0.02)	0.809	0.035	-0.036	0.026	0.161	-0.04 (-0.09, 0.01)	0.002	0.188	-0.045	0.021	0.033	-0.05 (-0.09, -3.77e-	-0.051	0.026	0.054	-0.05 (-0.10, 5.02e-04)
17750_8	RRM2	P31350	211	0.008	0.015	0.594	0.01 (-0.02, 0.04)	0.809	5.57E-07	-0.057	0.029	0.052	-0.06 (-0.11, 1.25e-04	0.004	0.011	-0.003	0.024	0.890	-3.27e-03 (-0.05, 0.	0.002	0.025	0.936	1.99e-03 (-0.05, 0.05)
2875_15	TBP	P20226	211	0.006	0.012	0.595	0.01 (-0.02, 0.03)	0.809	0.089	-0.044	0.024	0.073	-0.04 (-0.09, 3.85e-03	0.003	0.018	-0.005	0.021	0.820	-4.72e-03 (-0.05, 0.	-0.014	0.023	0.551	-0.01 (-0.06, 0.03)
5089_11	IL7R	P16871	211	0.006	0.012	0.594	0.01 (-0.02, 0.03)	0.809	0.630	-0.045	0.023	0.052	-0.04 (-0.09, 1.37e-04	0.003	0.011	-0.015	0.021	0.467	-0.02 (-0.06, 0.03)	-0.008	0.022	0.710	-0.01 (-0.05, 0.04)
5716_49	CSAG1	Q6PB30	211	0.006	0.012	0.595	0.01 (-0.02, 0.03)	0.809	0.062	-0.021	0.025	0.388	-0.02 (-0.07, 0.03)	0.002	0.198	-0.016	0.020	0.438	-0.02 (-0.06, 0.02)	-0.012	0.021	0.591	-0.01 (-0.05, 0.03)
11254_13	PAPLN	O95428	211	0.007	0.013	0.595	0.01 (-0.02, 0.03)	0.809	0.021	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	4.35E-04	-0.028	0.023	0.235	-0.03 (-0.07, 0.02)	-0.031	0.022	0.156	-0.03 (-0.07, 0.01)
5534_49	TNFRSF10	O14763	211	0.006	0.012	0.595	0.01 (-0.02, 0.03)	0.809	0.194	-0.053	0.024	0.029	-0.05 (-0.10, -0.01)	0.004	0.005	-0.034	0.021	0.096	-0.03 (-0.07, 0.01)	-0.041	0.024	0.083	-0.04 (-0.09, 0.01)
11666_72	RGS8	P57771	211	0.007	0.014	0.596	0.01 (-0.02, 0.03)	0.810	0.001	-0.074	0.026	0.006	-0.07 (-0.13, -0.02)	0.005	4.96E-04	-0.025	0.021	0.241	-0.02 (-0.07, 0.02)	-0.013	0.024	0.568	-0.01 (-0.06, 0.03)
12486_8	GLRX2	Q9NS18	211	-0.006	0.012	0.597	-0.01 (-0.03, 0.02)	0.810	0.312	-0.048	0.024	0.044	-0.05 (-0.09, -1.54e-0	0.003	0.043	-0.026	0.021	0.212	-0.03 (-0.07, 0.01)	-0.033	0.022	0.142	-0.03 (-0.08, 0.01)
12623_84	JARID2	Q92833	211	0.007	0.013	0.596	0.01 (-0.02, 0.03)	0.810	0.030	-0.056	0.025	0.028	-0.06 (-0.11, -0.01)	0.004	0.004	-0.015	0.019	0.429	-0.02 (-0.05, 0.02)	-0.019	0.024	0.435	-0.02 (-0.07, 0.03)
7118_24	IGDCC3	Q8IVU1	211	0.006	0.012	0.596	0.01 (-0.02, 0.03)	0.810	0.303	-0.034	0.024	0.155	-0.03 (-0.08, 0.01)	0.003	0.052	-0.013	0.020	0.529	-0.01 (-0.05, 0.03)	-0.022	0.023	0.344	-0.02 (-0.07, 0.02)
8485_7	KEAP1	Q14145	211	0.006	0.011	0.596	0.01 (-0.02, 0.03)	0.810	0.541	-0.006	0.022	0.780	-0.01 (-0.05, 0.04)	0.001	0.517	0.000	0.024	0.991	-2.79e-04 (-0.05, 0.	0.002	0.021	0.923	2.00e-03 (-0.04, 0.04)
9111_40	JPH4	Q96JJ6	211	0.007	0.013	0.596	0.01 (-0.02, 0.03)	0.810	0.038	-0.054	0.025	0.032	-0.05 (-0.10, -4.86e-0	0.004	0.006	-0.009	0.025	0.722	-0.01 (-0.06, 0.04)	-0.010	0.024	0.685	-0.01 (-0.06, 0.04)
12479_50	PRKAR1B	P31321	211	0.007	0.013	0.598	0.01 (-0.02, 0.03)	0.811	0.032	-0.025	0.025	0.328	-0.02 (-0.07, 0.02)	0.002	0.151	-0.015	0.024	0.520	-0.02 (-0.06, 0.03)	-0.012	0.024	0.611	-0.01 (-0.06, 0.04)
19446_1	GMPR2	Q9P2T1	211	-0.006	0.012	0.598	-0.01 (-0.03, 0.02)	0.811	0.366	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)	0.002	0.212	-0.034	0.022	0.119	-0.03 (-0.08, 0.01)	-0.022	0.025	0.368	-0.02 (-0.07, 0.03)
19293_6	VPS26A	O75436	211	-0.007	0.013	0.598	-0.01 (-0.03, 0.02)	0.811	0.028	-0.039	0.026	0.135	-0.04 (-0.09, 0.01)	0.002	0.155	-0.052	0.022	0.018	-0.05 (-0.09, -0.01)	-0.048	0.025	0.052	-0.05 (-0.10, 1.70e-04)
13681_173	CSNK2A2	P19784	211	0.006	0.012	0.598	0.01 (-0.02, 0.03)	0.811	0.303	-0.049	0.024	0.037	-0.05 (-0.10, -3.15e-0	0.003	0.007	-0.009	0.021	0.690	-0.01 (-0.05, 0.03)	-0.013	0.024	0.603	-0.01 (-0.06, 0.04)
2634_2	IL2RG	P31785	211	-0.007	0.013	0.599	-0.01 (-0.03, 0.02)	0.811	0.032	-0.036	0.026	0.169	-0.04 (-0.09, 0.02)	0.002	0.198	-0.042	0.020	0.039	-0.04 (-0.08, -2.04e-	-0.058	0.026	0.026	-0.06 (-0.11, -0.01)
8804_39	COL20A1	Q9P218	211	0.006	0.012	0.598	0.01 (-0.02, 0.03)	0.811	0.077	-0.043	0.024	0.078	-0.04 (-0.09, 4.60e-03	0.003	0.020	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)	-0.016	0.024	0.526	-0.02 (-0.06, 0.03)
12729_12	PSMG3	Q9BT73	211	-0.007	0.013	0.599	-0.01 (-0.03, 0.02)	0.811	0.006	-0.025	0.027	0.340	-0.03 (-0.08, 0.03)	0.001	0.424	-0.048	0.021	0.024	-0.05 (-0.09, -0.01)	-0.047	0.023	0.041	-0.05 (-0.09, -2.26e-03)
12933_17	ENOX1	Q8TC92	211	-0.007	0.013	0.599	-0.01 (-0.03, 0.02)	0.811	0.003	-0.074	0.026	0.005	-0.07 (-0.12, -0.02)	0.004	0.003	-0.024	0.023	0.285	-0.02 (-0.07, 0.02)	-0.018	0.023	0.418	-0.02 (-0.06, 0.03)
19578_19	DOK2	O60496	211	-0.007	0.013	0.599	-0.01 (-0.03, 0.02)	0.811	0.015	-0.027	0.027	0.317	-0.03 (-0.08, 0.03)	0.001	0.393	-0.051	0.022	0.024	-0.05 (-0.09, -0.01)	-0.052	0.027	0.053	-0.05 (-0.10, 4.60e-04)
2732_58	NANOG	Q9H9S0	211	0.006	0.011	0.600	0.01 (-0.02, 0.03)	0.812	0.371	-0.037	0.023	0.105	-0.04 (-0.08, 0.01)	0.003	0.030	-0.016	0.020	0.423	-0.02 (-0.06, 0.02)	-0.013	0.023	0.563	-0.01 (-0.06, 0.03)
12532_28	CDC34	P49427	211	0.006	0.012	0.601	0.01 (-0.02, 0.03)	0.812	0.058	-0.033	0.024	0.176	-0.03 (-0.08, 0.01)	0.002	0.064	0.008	0.023	0.723	0.01 (-0.04, 0.05)	-0.011	0.022	0.615	-0.01 (-0.05, 0.03)
12714_38	AP1G2	O75843	211	-0.006	0.012	0.601	-0.01 (-0.03, 0.02)	0.812	0.078	-0.028	0.025	0.267	-0.03 (-0.08, 0.02)	0.001	0.317	-0.035	0.023	0.122	-0.04 (-0.08, 0.01)	-0.044	0.027	0.105	-0.04 (-0.10, 0.01)
15492_1	CRIM1	Q9NZV1	211	0.006	0.012	0.601	0.01 (-0.02, 0.03)	0.812	0.076	-0.020	0.024	0.405	-0.02 (-0.07, 0.03)	0.002	0.212	-0.011	0.023	0.620	-0.01 (-0.06, 0.03)	-0.008	0.022	0.724	-0.01 (-0.05, 0.04)
2723_9	IL37	Q9NZH6	211	0.007	0.013	0.600	0.01 (-0.02, 0.03)	0.812	0.032	-0.061	0.025	0.016	-0.06 (-0.11, -0.01)	0.004	0.002	-0.001	0.022	0.977	-6.27e-04 (-0.04, 0.	0.007	0.022	0.767	0.01 (-0.04, 0.05)
4976_57	CRK	P46108	211	-0.006	0.012	0.601	-0.01 (-0.03, 0.02)	0.812	0.203	-0.039	0.024	0.107	-0.04 (-0.09, 0.01)	0.002	0.116	-0.039	0.021	0.061	-0.04 (-0.08, 1.84e-	-0.048	0.025	0.059	-0.05 (-0.10, 1.47e-03)
6900_30	UBE2J1	Q9Y385	211	0.007	0.013	0.601	0.01 (-0.02, 0.03)	0.812	0.040	-0.035	0.025	0.166	-0.03 (-0.08, 0.01)	0.003	0.056	-0.024	0.020	0.232	-0.02 (-0.06, 0.02)	-0.019	0.023	0.412	-0.02 (-0.07, 0.03)
2783_18	CCL3L1	P16619	211	0.007	0.013	0.601	0.01 (-0.02, 0.03)	0.813	0.008	-0.065	0.026	0.013	-0.06 (-0.12, -0.01)	0.004	0.002	-0.024	0.021	0.260	-0.02 (-0.06, 0.02)	-0.022	0.024	0.353	-0.02 (-0.07, 0.02)
11252_30	LRCH4	O75427	211	-0.006	0.012	0.603	-0.01 (-0.03, 0.02)	0.815	0.379	-0.051	0.023	0.029	-0.05 (-0.10, -0.01)	0.003	0.026	-0.027	0.022	0.227	-0.03 (-0.07, 0.02)	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)
11168_3	MEGF10	Q96KG7	211	0.007	0.013	0.604	0.01 (-0.02, 0.03)	0.815	0.007	-0.049	0.025	0.054	-0.05 (-0.10, 4.72e-04	0.004	0.011	-0.013	0.024	0.597	-0.01 (-0.06, 0.03)	-0.025	0.023	0.281	-0.02 (-0.07, 0.02)
11536_9	MYSM1	Q5VVJ2	211	0.007	0.014	0.605	0.01 (-0.02, 0.03)	0.815	0.001	-0.053	0.026	0.045	-0.05 (-0.11, -1.43e-0	0.004	0.009	-0.027	0.020	0.186	-0.03 (-0.07, 0.01)	-0.019	0.022	0.377	-0.02 (-0.06, 0.02)
12347_29	CCM2	Q9BSQ5	211	-0.007	0.013	0.606	-0.01 (-0.03, 0.02)	0.815	0.042	-0.063	0.025	0.014	-0.06 (-0.11, -0.01)	0.004	0.011	-0.032	0.022	0.138	-0.03 (-0.07, 0.01)	-0.040	0.023	0.083	-0.04 (-0.09, 4.96e-03)
12812_25	ACYP2	P14621	211	-0.006	0.012	0.606	-0.01 (-0.03, 0.02)	0.815	0.069	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)	0.002	0.131	-0.051	0.021	0.017	-0.05 (-0.09, -0.01)	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)
13502_2	SLC26A11	Q86WA9	211	0.006	0.012	0.606	0.01 (-0.02, 0.03)	0.815	0.220	-0.038	0.024	0.113	-0.04 (-0.09, 0.01)	0.003	0.034	-0.012	0.022	0.593	-0.01 (-0.05, 0.03)	-0.014	0.024	0.573	-0.01 (-0.06, 0.03)
13659_36	ATP13A1	Q9HD20	211	-0.006	0.012	0.606	-0.01 (-0.03, 0.02)	0.815	0.091	-0.037	0.025	0.141	-0.04 (-0.09, 0.01)	0.002	0.156	-0.012	0.024	0.612	-0.01 (-0.06, 0.03)	-0.023	0.023	0.322	-0.02 (-0.07, 0.02)
17398_55	HMOX1	P09601	211	-0.007	0.014	0.606	-0.01 (-0.03, 0.02)	0.815	0.002	-0.004	0.027	0.868	-4.42e-03 (-0.06, 0.05	0.000	0.908	-0.002	0.025	0.951	-1.52e-03 (-0.05, 0.	-0.001	0.021	0.947	-1.40e-03 (-0.04, 0.04)
17475_18	PBK	Q96KB5	211	0.007	0.013	0.604	0.01 (-0.02, 0.03)	0.815	0.005	-0.062	0.026	0.016	-0.06 (-0.11, -0.01)	0.004	0.002	-0.009	0.021	0.675	-0.01 (-0.05, 0.03)	-0.015	0.023	0.532	-0.01 (-0.06, 0.03)
3168_8	ADAMTS5	Q9UNA0	211	-0.007	0.013	0.604	-0.01 (-0.03, 0.02)	0.815	0.013	-0.028	0.026	0.287	-0.03 (-0.08, 0.02)	0.001	0.351	-0.032	0.022	0.141	-0.03 (-0.07, 0.01)	-0.034	0.024	0.157	-0.03 (-0.08, 0.01)
3365_7	DKK4	Q9UBT3	211	-0.008	0.015	0.604	-0.01 (-0.04, 0.02)	0.815	4.22E-05	-0.028	0.029	0.333	-0.03 (-0.08, 0.03)	0.001	0.412	-0.026	0.021	0.222	-0.03 (-0.07, 0.02)	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)
4397_26	IFNL2	Q8IZJ0	211	-0.006	0.012	0.606	-0.01 (-0.03, 0.02)	0.815	0.412	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)	0.002	0.124	-0.040	0.022	0.069	-0.04 (-0.08, 3.15e-	-0.030	0.025	0.217	-0.03 (-0.08, 0.02)
5654_70	TMX3	Q96JJ7	211	-0.007	0.014	0.606	-0.01 (-0.03, 0.02)	0.815	0.007	-0.041	0.027	0.128	-0.04 (-0.09, 0.01)	0.002	0.144	-0.030	0.023	0.188	-0.03 (-0.08, 0.01)	-0.027	0.026	0.316	-0.03 (-0.08, 0.03)
7049_2	ADAM23	O75077	211	0.007	0.014	0.606	0.01 (-0.02, 0.03)	0.815	4.71E-04	0.082	0.027	0.002	0.08 (0.03, 0.13)	-0.005	0.001	0.032	0.024	0.171	0.03 (-0.01, 0.08)	0.013	0.025	0.591	0.01 (-0.04, 0.06)
8970_9	RIPK2	O43353	211	0.006	0.012	0.604	0.01 (-0.02, 0.03)	0.815	0.471	-0.031	0.024	0.190	-0.03 (-0.08, 0.02)	0.002	0.069	-0.023	0.020	0.250	-0.02 (-0.06, 0.02)	-0.023	0.023	0.320	-0.02 (-0.07, 0.02)
9030_56	C17orf89	A1L188	211	0.007	0.013	0.606	0.01 (-0.02, 0.03)	0.815	0.010	-0.035	0.026	0.173	-0.04 (-0.09, 0.02)	0.003	0.061	-0.023	0.021	0.270	-0.02 (-0.06, 0.02)	-0.024	0.023	0.301	-0.02 (-0.07, 0.02)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
9115_78	ADAMDEC	O15204	211	-0.006	0.012	0.605	-0.01 (-0.03, 0.02)	0.815	0.493	-0.060	0.023	0.011	-0.06 (-0.11, -0.01)	0.003	0.008	-0.018	0.019	0.351	-0.02 (-0.06, 0.02)	-0.036	0.023	0.128	-0.04 (-0.08, 0.01)
9856_22	DHPS	P49366	211	0.006	0.011	0.605	0.01 (-0.02, 0.03)	0.815	0.254	-0.060	0.022	0.008	-0.06 (-0.10, -0.02)	0.004	0.001	-0.022	0.021	0.293	-0.02 (-0.06, 0.02)	-0.025	0.024	0.288	-0.03 (-0.07, 0.02)
9082_25	SEL1L2	Q5TEA6	211	0.007	0.013	0.606	0.01 (-0.02, 0.03)	0.815	0.003	-0.061	0.026	0.023	-0.06 (-0.11, -0.01)	0.004	0.003	-0.017	0.023	0.465	-0.02 (-0.06, 0.03)	-0.012	0.024	0.623	-0.01 (-0.06, 0.04)
8265_225	TMPO	P42167	211	-0.007	0.013	0.607	-0.01 (-0.03, 0.02)	0.815	0.003	-0.069	0.026	0.009	-0.07 (-0.12, -0.02)	0.004	0.006	-0.017	0.020	0.384	-0.02 (-0.06, 0.02)	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)
12378_71	TAPBP	O15533	211	-0.006	0.012	0.608	-0.01 (-0.03, 0.02)	0.815	0.244	-0.012	0.024	0.625	-0.01 (-0.06, 0.03)	0.000	0.785	-0.002	0.025	0.938	-1.93e-03 (-0.05, 0.	-0.011	0.026	0.668	-0.01 (-0.06, 0.04)
12655_30	NAPB	Q9H115	211	0.007	0.013	0.608	0.01 (-0.02, 0.03)	0.815	0.028	-0.031	0.025	0.215	-0.03 (-0.08, 0.02)	0.002	0.083	-0.009	0.022	0.683	-0.01 (-0.05, 0.03)	-0.004	0.021	0.851	-3.98e-03 (-0.05, 0.04)
18898_36	HDGFL1	Q5TGJ6	211	0.006	0.012	0.607	0.01 (-0.02, 0.03)	0.815	0.446	-0.046	0.023	0.051	-0.05 (-0.09, -1.56e-0	0.003	0.011	-0.014	0.021	0.502	-0.01 (-0.05, 0.03)	-0.026	0.024	0.266	-0.03 (-0.07, 0.02)
8867_18	PAEP	P09466	211	0.007	0.013	0.608	0.01 (-0.02, 0.03)	0.815	0.021	-0.041	0.025	0.108	-0.04 (-0.09, 0.01)	0.003	0.031	0.003	0.019	0.881	2.89e-03 (-0.03, 0.0	-0.012	0.025	0.619	-0.01 (-0.06, 0.04)
8891_7	CPVL	Q9H3G5	211	0.006	0.012	0.607	0.01 (-0.02, 0.03)	0.815	0.280	-0.026	0.024	0.279	-0.03 (-0.07, 0.02)	0.002	0.123	-0.027	0.021	0.200	-0.03 (-0.07, 0.01)	-0.022	0.024	0.352	-0.02 (-0.07, 0.02)
7180_114	IFNA14	P01570	211	0.007	0.013	0.608	0.01 (-0.02, 0.03)	0.816	0.029	-0.040	0.025	0.115	-0.04 (-0.09, 0.01)	0.003	0.034	0.000	0.021	1.000	0.00e+00 (-0.04, 0.	-0.003	0.024	0.904	-2.86e-03 (-0.05, 0.04)
8060_7	NRG2	O14511	211	0.006	0.012	0.608	0.01 (-0.02, 0.03)	0.816	0.620	-0.029	0.023	0.209	-0.03 (-0.07, 0.02)	0.002	0.080	-0.027	0.024	0.253	-0.03 (-0.07, 0.02)	-0.024	0.024	0.330	-0.02 (-0.07, 0.02)
12498_12	TAX1BP3	O14907	211	-0.007	0.014	0.610	-0.01 (-0.03, 0.02)	0.816	0.001	-0.038	0.028	0.173	-0.04 (-0.09, 0.02)	0.002	0.200	-0.052	0.020	0.009	-0.05 (-0.09, -0.01)	-0.058	0.025	0.018	-0.06 (-0.11, -0.01)
13510_7	ATP2A3	Q93084	211	0.007	0.013	0.609	0.01 (-0.02, 0.03)	0.816	0.028	-0.020	0.026	0.429	-0.02 (-0.07, 0.03)	0.002	0.226	-0.008	0.025	0.763	-0.01 (-0.06, 0.04)	0.007	0.024	0.784	0.01 (-0.04, 0.05)
13654_1	ROCK2	O75116	211	-0.007	0.013	0.610	-0.01 (-0.03, 0.02)	0.816	0.030	-0.029	0.026	0.276	-0.03 (-0.08, 0.02)	0.001	0.334	-0.040	0.022	0.068	-0.04 (-0.08, 2.93e-	-0.039	0.024	0.116	-0.04 (-0.09, 0.01)
15604_18	MAPK9	P45984	211	-0.007	0.013	0.609	-0.01 (-0.03, 0.02)	0.816	0.012	-0.033	0.026	0.207	-0.03 (-0.08, 0.02)	0.002	0.244	-0.063	0.020	0.002	-0.06 (-0.10, -0.02)	-0.065	0.025	0.011	-0.06 (-0.11, -0.02)
17200_50	KIR2DL1	P43626	211	0.007	0.013	0.610	0.01 (-0.02, 0.03)	0.816	0.046	-0.071	0.024	0.004	-0.07 (-0.12, -0.02)	0.005	3.06E-04	-0.024	0.020	0.241	-0.02 (-0.06, 0.02)	-0.032	0.026	0.225	-0.03 (-0.08, 0.02)
6274_15	WSCD2	Q2TBF2	211	-0.006	0.012	0.610	-0.01 (-0.03, 0.02)	0.816	0.070	-0.045	0.025	0.075	-0.05 (-0.09, 4.35e-03	0.002	0.075	-0.029	0.019	0.125	-0.03 (-0.07, 0.01)	-0.053	0.024	0.033	-0.05 (-0.10, -4.64e-03)
8791_151	CA5A	P35218	211	0.007	0.013	0.609	0.01 (-0.02, 0.03)	0.816	0.002	-0.041	0.026	0.118	-0.04 (-0.09, 0.01)	0.003	0.035	-0.021	0.023	0.362	-0.02 (-0.07, 0.02)	-0.008	0.023	0.728	-0.01 (-0.05, 0.04)
9341_1	PDGFD	Q9GZP0	211	-0.007	0.013	0.610	-0.01 (-0.03, 0.02)	0.816	0.013	-0.027	0.027	0.307	-0.03 (-0.08, 0.03)	0.001	0.376	-0.022	0.025	0.384	-0.02 (-0.07, 0.03)	-0.024	0.025	0.348	-0.02 (-0.07, 0.03)
2704_74	TNFRSF13	O14836	211	0.006	0.012	0.611	0.01 (-0.02, 0.03)	0.817	0.127	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.001	-0.021	0.020	0.294	-0.02 (-0.06, 0.02)	-0.031	0.023	0.188	-0.03 (-0.08, 0.01)
16298_84	PLA2G2D	Q9UNK4	211	0.006	0.012	0.611	0.01 (-0.02, 0.03)	0.817	0.601	-0.009	0.023	0.705	-0.01 (-0.05, 0.04)	0.001	0.464	-0.020	0.021	0.346	-0.02 (-0.06, 0.02)	-0.023	0.021	0.288	-0.02 (-0.06, 0.02)
11430_49	DTX1	Q86Y01	211	0.007	0.015	0.612	0.01 (-0.02, 0.04)	0.818	1.95E-06	-0.051	0.029	0.078	-0.05 (-0.11, 0.01)	0.004	0.019	-0.003	0.024	0.896	-3.19e-03 (-0.05, 0.	-0.002	0.024	0.926	-2.19e-03 (-0.05, 0.04)
12022_12	SMAD4	Q13485	211	-0.007	0.013	0.612	-0.01 (-0.03, 0.02)	0.818	0.022	-0.047	0.026	0.068	-0.05 (-0.10, 3.32e-03	0.003	0.070	-0.054	0.020	0.007	-0.05 (-0.09, -0.01)	-0.054	0.025	0.029	-0.05 (-0.10, -0.01)
17802_4	NANS	Q9NR45	211	-0.006	0.012	0.612	-0.01 (-0.03, 0.02)	0.818	0.149	-0.039	0.025	0.113	-0.04 (-0.09, 0.01)	0.002	0.120	-0.037	0.022	0.090	-0.04 (-0.08, 0.01)	-0.033	0.024	0.177	-0.03 (-0.08, 0.01)
17850_42	KLF4	O43474	211	0.006	0.012	0.612	0.01 (-0.02, 0.03)	0.818	0.166	-0.045	0.024	0.061	-0.04 (-0.09, 1.75e-03	0.003	0.014	-0.006	0.020	0.769	-0.01 (-0.05, 0.03)	-0.016	0.024	0.514	-0.02 (-0.06, 0.03)
2860_19	KPNA2	P52292	211	-0.008	0.017	0.612	-0.01 (-0.04, 0.02)	0.818	2.53E-14	0.032	0.033	0.339	0.03 (-0.03, 0.10)	-0.003	0.161	-0.018	0.026	0.481	-0.02 (-0.07, 0.03)	-0.031	0.025	0.210	-0.03 (-0.08, 0.02)
5078_82	EPHB6	O15197	211	-0.007	0.014	0.613	-0.01 (-0.03, 0.02)	0.818	0.003	0.001	0.027	0.975	8.53e-04 (-0.05, 0.05)	0.000	0.742	-0.023	0.024	0.337	-0.02 (-0.07, 0.02)	-0.018	0.025	0.487	-0.02 (-0.07, 0.03)
9076_25	PENK	P01210	211	-0.023	0.045	0.613	-0.02 (-0.11, 0.07)	0.818	0.00E+00	0.056	0.089	0.531	0.06 (-0.12, 0.23)	-0.005	0.308	-0.010	0.024	0.670	-0.01 (-0.06, 0.04)	0.015	0.026	0.550	0.02 (-0.04, 0.07)
10753_31	ADAM7	Q9H2U9	211	0.006	0.012	0.614	0.01 (-0.02, 0.03)	0.819	0.249	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)	0.001	0.446	-0.012	0.023	0.596	-0.01 (-0.06, 0.03)	-0.007	0.024	0.762	-0.01 (-0.05, 0.04)
5724_58	SBSN	Q6UWP8	211	0.006	0.012	0.614	0.01 (-0.02, 0.03)	0.819	0.079	-0.067	0.024	0.006	-0.07 (-0.11, -0.02)	0.005	0.001	-0.032	0.021	0.118	-0.03 (-0.07, 0.01)	-0.033	0.022	0.140	-0.03 (-0.08, 0.01)
10588_39	ST3GAL5	Q9UNP4	211	0.006	0.012	0.614	0.01 (-0.02, 0.03)	0.819	0.132	-0.064	0.024	0.007	-0.06 (-0.11, -0.02)	0.004	0.001	-0.032	0.020	0.106	-0.03 (-0.07, 0.01)	-0.032	0.023	0.167	-0.03 (-0.08, 0.01)
12420_10	GPD1L	Q8N335	211	-0.007	0.014	0.614	-0.01 (-0.03, 0.02)	0.819	4.46E-04	-0.065	0.027	0.017	-0.07 (-0.12, -0.01)	0.004	0.014	-0.018	0.024	0.452	-0.02 (-0.06, 0.03)	-0.007	0.024	0.781	-0.01 (-0.05, 0.04)
13066_42	EDC4	Q6P2E9	211	0.007	0.014	0.615	0.01 (-0.02, 0.03)	0.819	4.06E-04	-0.042	0.027	0.122	-0.04 (-0.10, 0.01)	0.003	0.037	-0.015	0.023	0.532	-0.01 (-0.06, 0.03)	-0.011	0.024	0.648	-0.01 (-0.06, 0.04)
17774_38	SNRPD3	P62318	211	0.006	0.013	0.615	0.01 (-0.02, 0.03)	0.819	0.040	-0.062	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.002	-0.014	0.022	0.527	-0.01 (-0.06, 0.03)	-0.012	0.023	0.600	-0.01 (-0.06, 0.03)
6213_10	CGB2	Q6NT52	211	0.007	0.014	0.615	0.01 (-0.02, 0.03)	0.819	0.005	-0.023	0.027	0.395	-0.02 (-0.08, 0.03)	0.002	0.202	-0.009	0.022	0.684	-0.01 (-0.05, 0.03)	-0.008	0.024	0.743	-0.01 (-0.06, 0.04)
7161_25	H6PD	O95479	211	-0.011	0.021	0.614	-0.01 (-0.05, 0.03)	0.819	2.91E-46	-0.019	0.041	0.640	-0.02 (-0.10, 0.06)	0.001	0.804	-0.006	0.021	0.787	-0.01 (-0.05, 0.04)	-0.013	0.021	0.530	-0.01 (-0.06, 0.03)
8094_20	CISD2	Q8N5K1	211	0.006	0.012	0.615	0.01 (-0.02, 0.03)	0.819	0.679	-0.044	0.023	0.061	-0.04 (-0.09, 1.74e-03	0.003	0.014	-0.013	0.023	0.568	-0.01 (-0.06, 0.03)	-0.020	0.025	0.412	-0.02 (-0.07, 0.03)
9723_105	MMRN2	Q9H8L6	211	-0.006	0.012	0.615	-0.01 (-0.03, 0.02)	0.819	0.079	-0.075	0.024	0.002	-0.08 (-0.12, -0.03)	0.004	0.001	-0.041	0.021	0.051	-0.04 (-0.08, 2.48e-	-0.052	0.024	0.035	-0.05 (-0.10, -3.88e-03)
3497_13	IFNA2	P01563	211	0.006	0.013	0.615	0.01 (-0.02, 0.03)	0.819	0.040	-0.058	0.025	0.021	-0.06 (-0.11, -0.01)	0.004	0.003	-0.019	0.023	0.406	-0.02 (-0.07, 0.03)	-0.020	0.024	0.390	-0.02 (-0.07, 0.03)
3341_33	ABL1	P00519	211	0.006	0.012	0.616	0.01 (-0.02, 0.03)	0.820	0.254	-0.019	0.024	0.415	-0.02 (-0.07, 0.03)	0.002	0.218	-0.005	0.023	0.828	-4.99e-03 (-0.05, 0.	-0.003	0.023	0.905	-2.79e-03 (-0.05, 0.04)
10023_32	VDR	P11473	211	0.007	0.013	0.616	0.01 (-0.02, 0.03)	0.820	0.004	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.023	0.019	0.244	-0.02 (-0.06, 0.02)	-0.028	0.023	0.212	-0.03 (-0.07, 0.02)
12720_71	UBQLN4	Q9NRR5	211	-0.006	0.012	0.617	-0.01 (-0.03, 0.02)	0.820	0.089	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.002	0.100	-0.032	0.021	0.127	-0.03 (-0.07, 0.01)	-0.042	0.025	0.102	-0.04 (-0.09, 0.01)
19150_20	PRPSAP2	O60256	211	-0.007	0.013	0.617	-0.01 (-0.03, 0.02)	0.820	0.036	-0.035	0.026	0.178	-0.04 (-0.09, 0.02)	0.002	0.204	-0.023	0.020	0.242	-0.02 (-0.06, 0.02)	-0.046	0.025	0.064	-0.05 (-0.09, 2.37e-03)
5730_60	CXCL14	O95715	211	0.006	0.012	0.617	0.01 (-0.02, 0.03)	0.820	0.055	-0.050	0.025	0.044	-0.05 (-0.10, -1.55e-0	0.004	0.010	-0.031	0.019	0.110	-0.03 (-0.07, 0.01)	-0.044	0.024	0.063	-0.04 (-0.09, 2.09e-03)
18918_86	PDE4A	P27815	211	0.006	0.012	0.618	0.01 (-0.02, 0.03)	0.820	0.157	-0.047	0.024	0.054	-0.05 (-0.09, 5.60e-04	0.003	0.012	-0.021	0.023	0.370	-0.02 (-0.07, 0.02)	-0.022	0.023	0.352	-0.02 (-0.07, 0.02)
4389_2	DHH	O43323	211	-0.007	0.013	0.618	-0.01 (-0.03, 0.02)	0.820	0.028	-0.039	0.026	0.133	-0.04 (-0.09, 0.01)	0.002	0.147	-0.045	0.020	0.023	-0.04 (-0.08, -0.01)	-0.056	0.025	0.026	-0.06 (-0.10, -0.01)
6633_43	UPK3BL	B0FP48	211	0.007	0.014	0.618	0.01 (-0.02, 0.03)	0.820	0.001	-0.052	0.026	0.049	-0.05 (-0.10, -5.41e-0	0.004	0.010	-0.003	0.026	0.914	-2.76e-03 (-0.05, 0.	0.006	0.025	0.823	0.01 (-0.04, 0.05)
8273_84	IL31RA	Q8NI17	211	0.006	0.012	0.618	0.01 (-0.02, 0.03)	0.820	0.285	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	0.004	0.002	-0.023	0.019	0.214	-0.02 (-0.06, 0.01)	-0.032	0.022	0.143	-0.03 (-0.07, 0.01)
14008_22	DCP1A	Q9NPI6	211	-0.007	0.013	0.618	-0.01 (-0.03, 0.02)	0.821	0.029	-0.030	0.026	0.248	-0.03 (-0.08, 0.02)	0.001	0.294	-0.025	0.022	0.258	-0.03 (-0.07, 0.02)	-0.013	0.024	0.590	-0.01 (-0.06, 0.03)
14083_25	SEPHS1	P49903	211	-0.006	0.012	0.620	-0.01 (-0.03, 0.02)	0.821	0.071	-0.050	0.025	0.046	-0.05 (-0.10, -1.16e-0	0.003	0.041	-0.049	0.020	0.016	-0.05 (-0.09, -0.01)	-0.051	0.024	0.031	-0.05 (-0.10, -4.94e-03)
14205_6	HEXIM2	Q96MH2	211	0.007	0.013	0.619	0.01 (-0.02, 0.03)	0.821	0.012	-0.018	0.026	0.480	-0.02 (-0.07, 0.03)	0.002	0.269	-0.022	0.021	0.293	-0.02 (-0.06, 0.02)	-0.020	0.025	0.423	-0.02 (-0.07, 0.03)
3315_15	GPC2	Q8N158	211	-0.006	0.012	0.620	-0.01 (-0.03, 0.02)	0.821	0.174	-0.039	0.024	0.101	-0.04 (-0.09, 0.01)	0.002	0.104	-0.023	0.020	0.238	-0.02 (-0.06, 0.02)	-0.029	0.023	0.210	-0.03 (-0.07, 0.02)
4272_46	GPI	P06744	211	-0.006	0.012	0.620	-0.01 (-0.03, 0.02)	0.821	0.079	-0.045	0.025	0.069	-0.05 (-0.09, 3.35e-03	0.002	0.067	-0.038	0.023	0.100	-0.04 (-0.08, 0.01)	-0.044	0.024	0.070	-0.04 (-0.09, 3.33e-03)
4904_7	CASP2	P42575	211	0.006	0.012	0.619	0.01 (-0.02, 0.03)	0.821	0.077	-0.021	0.025	0.390	-0.02 (-0.07, 0.03)	0.002	0.206	-0.007	0.019	0.706	-0.01 (-0.05, 0.03)	-0.010	0.023	0.675	-0.01 (-0.05, 0.03)
9254_18	FCER1A	P12319	211	0.007	0.013	0.619	0.01 (-0.02, 0.03)	0.821	0.012	-0.062	0.026	0.017	-0.06 (-0.11, -0.01)	0.004	0.002	-0.021	0.022	0.340	-0.02 (-0.07, 0.02)	-0.012	0.024	0.623	-0.01 (-0.06, 0.04)
19381_7	RGS21	Q2M5E4	211	0.006	0.012	0.621	0.01 (-0.02, 0.03)	0.822	0.215	-0.025	0.024	0.302	-0.02 (-0.07, 0.02)	0.002	0.142	-0.030	0.021	0.153	-0.03 (-0.07, 0.01)	-0.021	0.022	0.344	-0.02 (-0.07, 0.02)
9392_43	MGAT4A	Q9UM21	211	0.007	0.014	0.621	0.01 (-0.02, 0.03)	0.822	1.49E-04	-0.066	0.027	0.017	-0.07 (-0.12, -0.01)	0.005	0.002	0.003	0.020	0.879	2.97e-03 (-0.04, 0.0	-0.005	0.024	0.837	-0.01 (-0.05, 0.04)
15587_20	FOLR2	P14207	211	0.007	0.014	0.622	0.01 (-0.02, 0.03)	0.823	2.66E-04	-0.008	0.028	0.787	-0.01 (-0.06, 0.05)	0.001	0.546	-0.008	0.026	0.771	-0.01 (-0.06, 0.04)	-0.009	0.024	0.714	-0.01 (-0.06, 0.04)
18860_2	CAMKK1	Q8N5S9	211	0.006	0.012	0.621	0.01 (-0.02, 0.03)	0.823	0.249	-0.040	0.024	0.092	-0.04 (-0.09, 0.01)	0.003	0.026	-0.032	0.022	0.139	-0.03 (-0.07, 0.01)	-0.031	0.023	0.185	-0.03 (-0.08, 0.01)
17673_34	CA5B	Q9Y2D0	211	-0.006	0.013	0.622	-0.01 (-0.03, 0.02)	0.823	0.022	-0.075	0.025	0.003	-0.07 (-0.12, -0.03)	0.004	0.002	-0.023	0.021	0.275	-0.02 (-0.06, 0.02)	-0.024	0.022	0.271	-0.02 (-0.07, 0.02)
14603_51	KIAA0040	J3QR46	211	0.006	0.013	0.622	0.01 (-0.02, 0.03)	0.823	0.032	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.003	0.030	-0.031	0.022	0.156	-0.03 (-0.07, 0.01)	-0.028	0.023	0.234	-0.03 (-0.07, 0.02)
11429_80	HNRNPC	P07910	211	0.007	0.013	0.623	0.01 (-0.02, 0.03)	0.823	0.004	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)	0.004	0.004	-0.024	0.021	0.256	-0.02 (-0.07, 0.02)	-0.017	0.024	0.475	-0.02 (-0.06, 0.03)
19483_16	KDSR	Q06136	211	0.007	0.014	0.623	0.01 (-0.02, 0.03)	0.823	8.88E-05	-0.057	0.028	0.041	-0.06 (-0.11, -2.72e-0	0.004	0.008	-0.020	0.023	0.374	-0.02 (-0.07, 0.02)	-0.020	0.025	0.434	-0.02 (-0.07, 0.03)
4924_32	MMP1	P03956	211	-0.007	0.015	0.624	-0.01 (-0.04, 0.02)	0.824	1.29E-05	-0.051	0.029	0.079	-0.05 (-0.11, 0.01)	0.003	0.080	-0.055	0.022	0.011	-0.06 (-0.10, -0.01)	-0.056	0.024	0.021	-0.06 (-0.10, -0.01)
8391_12	DEFB115	Q30KQ5	211	0.006	0.011	0.624	0.01 (-0.02, 0.03)	0.824	0.176	-0.021	0.024	0.370	-0.02 (-0.07, 0.03)	0.002	0.191	-0.010	0.023	0.658	-0.01 (-0.05, 0.03)	-0.005	0.025	0.829	-0.01 (-0.05, 0.04)
12625_138	KLHL7	Q8IXQ5	211	0.006	0.013	0.625	0.01 (-0.02, 0.03)	0.826	0.007	-0.051	0.026	0.046	-0.05 (-0.10, -1.21e-0	0.004	0.010	-0.023	0.020	0.232	-0.02 (-0.06, 0.01)	-0.049	0.025	0.047	-0.05 (-0.10, -8.82e-04)
19158_1	PAF	Q15004	211	-0.008	0.017	0.625	-0.01 (-0.04, 0.03)	0.826	2.09E-14	0.008	0.034	0.804	0.01 (-0.06, 0.08)	-0.001	0.567	-0.011	0.020	0.577	-0.01 (-0.05, 0.03)	-0.001	0.024	0.978	-6.53e-04 (-0.05, 0.05)
10346_5	STAT3	P40763	211	-0.006	0.012	0.627	-0.01 (-0.03, 0.02)	0.827	0.195	-0.036	0.025	0.148	-0.04 (-0.08, 0.01)	0.002	0.160	-0.043	0.020	0.033	-0.04 (-0.08, -3.60e-	-0.060	0.028	0.032	-0.06 (-0.11, -0.01)
10624_45	SPINK13	Q1W4C9	211	0.006	0.012	0.629	0.01 (-0.02, 0.03)	0.827	0.299	-0.051	0.023	0.027	-0.05 (-0.10, -0.01)	0.004	0.005	-0.026	0.023	0.241	-0.03 (-0.07, 0.02)	-0.020	0.023	0.376	-0.02 (-0.07, 0.02)
11273_176	GSTT2B	P0CG30	211	0.006	0.012	0.627	0.01 (-0.02, 0.03)	0.827	0.134	-0.027	0.025	0.271	-0.03 (-0.08, 0.02)	0.002	0.123	-0.005	0.022	0.800	-0.01 (-0.05, 0.04)	-0.015	0.024	0.532	-0.02 (-0.06, 0.03)
12518_289	PBRM1	Q86U86	211	-0.006	0.012	0.630	-0.01 (-0.03, 0.02)	0.827	0.367	-0.043	0.024	0.068	-0.04 (-0.09, 2.91e-03	0.002	0.066	-0.039	0.023	0.087	-0.04 (-0.08, 0.01)	-0.029	0.024	0.232	-0.03 (-0.08, 0.02)
12656_1	KLC1	Q07866	211	-0.007	0.014	0.627	-0.01 (-0.03, 0.02)	0.827	0.002	-0.036	0.027	0.195	-0.04 (-0.09, 0.02)	0.002	0.223	-0.042	0.021	0.049	-0.04 (-0.08, -1.23e-	-0.043	0.024	0.068	-0.04 (-0.09, 2.94e-03)
12814_17	RNPC3	Q96LT9	211	0.006	0.012	0.629	0.01 (-0.02, 0.03)	0.827	0.086	-0.022	0.025	0.379	-0.02 (-0.07, 0.03)	0.002	0.203	-0.004	0.025	0.858	-4.42e-03 (-0.05, 0.	0.003	0.023	0.881	3.42e-03 (-0.04, 0.05)
13374_4	DEFB113	Q30KQ7	211	-0.006	0.012	0.627	-0.01 (-0.03, 0.02)	0.827	0.172	-0.071	0.024	0.003	-0.07 (-0.12, -0.02)	0.004	0.002	-0.047	0.019	0.012	-0.05 (-0.08, -0.01)	-0.070	0.023	0.002	-0.07 (-0.11, -0.03)
14332_3	RALA	P11233	211	-0.006	0.012	0.627	-0.01 (-0.03, 0.02)	0.827	0.172	-0.033	0.024	0.174	-0.03 (-0.08, 0.01)	0.002	0.193	-0.022	0.020	0.278	-0.02 (-0.06, 0.02)	-0.025	0.026	0.344	-0.02 (-0.08, 0.03)
14748_31	ARHGAP5	Q13017	211	-0.006	0.012	0.628	-0.01 (-0.03, 0.02)	0.827	0.092	-0.029	0.026	0.254	-0.03 (-0.08, 0.02)	0.001	0.291	-0.041	0.021	0.050	-0.04 (-0.08, -1.32e-	-0.048	0.025	0.058	-0.05 (-0.10, 1.32e-03)
18422_41	MVD	P53602	211	0.006	0.013	0.627	0.01 (-0.02, 0.03)	0.827	0.032	-0.037	0.025	0.144	-0.04 (-0.09, 0.01)	0.003	0.049	-0.019	0.023	0.410	-0.02 (-0.06, 0.03)	-0.019	0.023	0.410	-0.02 (-0.06, 0.03)
18483_36	RABIF	P47224	211	-0.006	0.012	0.629	-0.01 (-0.03, 0.02)	0.827	0.279	-0.051	0.023	0.032	-0.05 (-0.10, -4.79e-0	0.003	0.027	-0.027	0.023	0.249	-0.03 (-0.07, 0.02)	-0.015	0.025	0.542	-0.02 (-0.06, 0.03)
18830_1	ITLN1	Q8WWA0	211	0.007	0.014	0.630	0.01 (-0.02, 0.03)	0.827	0.011	0.015	0.027	0.597	0.01 (-0.04, 0.07)	0.000	0.739	0.011	0.025	0.678	0.01 (-0.04, 0.06)	0.009	0.026	0.718	0.01 (-0.04, 0.06)
18833_76	PEA15	Q15121	211	-0.006	0.012	0.627	-0.01 (-0.03, 0.02)	0.827	0.438	-0.025	0.024	0.295	-0.02 (-0.07, 0.02)	0.001	0.352	-0.014	0.025	0.567	-0.01 (-0.06, 0.03)	-0.011	0.025	0.659	-0.01 (-0.06, 0.04)
18873_8	CEACAM8	P31997	211	0.007	0.015	0.626	0.01 (-0.02, 0.04)	0.827	1.42E-05	-0.006	0.029	0.836	-0.01 (-0.06, 0.05)	0.001	0.600	-0.025	0.021	0.232	-0.03 (-0.07, 0.02)	-0.044	0.028	0.116	-0.04 (-0.10, 0.01)
2879_9	SERPINA3	P01011	211	0.006	0.012	0.628	0.01 (-0.02, 0.03)	0.827	0.111	-0.019	0.024	0.436	-0.02 (-0.07, 0.03)	0.002	0.246	-0.003	0.023	0.899	-2.97e-03 (-0.05, 0.	0.011	0.022	0.621	0.01 (-0.03, 0.05)
3894_15	NAGK	Q9UJ70	211	-0.006	0.012	0.629	-0.01 (-0.03, 0.02)	0.827	0.110	-0.044	0.025	0.074	-0.04 (-0.09, 4.12e-03	0.002	0.072	-0.036	0.020	0.067	-0.04 (-0.08, 2.57e-	-0.049	0.025	0.054	-0.05 (-0.10, 5.66e-04)
4123_60	FGF4	P08620	211	-0.006	0.011	0.629	-0.01 (-0.03, 0.02)	0.827	0.489	-0.018	0.023	0.439	-0.02 (-0.06, 0.03)	0.001	0.539	-0.008	0.020	0.685	-0.01 (-0.05, 0.03)	-0.011	0.023	0.645	-0.01 (-0.06, 0.03)
5765_53	DEFB121	Q5J5C9	211	0.006	0.012	0.630	0.01 (-0.02, 0.03)	0.827	0.249	-0.043	0.024	0.073	-0.04 (-0.09, 3.81e-03	0.003	0.019	-0.037	0.021	0.085	-0.04 (-0.08, 0.01)	-0.034	0.024	0.159	-0.03 (-0.08, 0.01)
6360_7	DEFB128	Q7Z7B8	211	0.006	0.012	0.629	0.01 (-0.02, 0.03)	0.827	0.098	-0.059	0.024	0.016	-0.06 (-0.11, -0.01)	0.004	0.002	-0.020	0.020	0.318	-0.02 (-0.06, 0.02)	-0.017	0.025	0.484	-0.02 (-0.07, 0.03)
6510_56	RNF128	Q8TEB7	211	0.006	0.013	0.630	0.01 (-0.02, 0.03)	0.827	0.003	-0.058	0.026	0.025	-0.06 (-0.11, -0.01)	0.004	0.004	-0.023	0.019	0.217	-0.02 (-0.06, 0.01)	-0.022	0.022	0.325	-0.02 (-0.07, 0.02)
8355_80	ISM1	B1AKI9	211	0.006	0.013	0.630	0.01 (-0.02, 0.03)	0.827	0.014	-0.025	0.026	0.322	-0.03 (-0.08, 0.02)	0.002	0.154	-0.010	0.021	0.627	-0.01 (-0.05, 0.03)	-0.017	0.026	0.512	-0.02 (-0.07, 0.03)
9196_8	LGALS7	P47929	211	0.006	0.013	0.630	0.01 (-0.02, 0.03)	0.827	0.006	-0.046	0.026	0.074	-0.05 (-0.10, 4.22e-03	0.003	0.019	-0.024	0.020	0.246	-0.02 (-0.06, 0.02)	-0.031	0.022	0.150	-0.03 (-0.07, 0.01)
9221_6	ITPRIPL1	Q6GPH6	211	-0.006	0.013	0.627	-0.01 (-0.03, 0.02)	0.827	0.018	-0.055	0.026	0.035	-0.06 (-0.11, -4.19e-0	0.003	0.031	-0.039	0.024	0.100	-0.04 (-0.09, 0.01)	-0.042	0.023	0.073	-0.04 (-0.09, 3.72e-03)
9790_28	BRSK2	Q8IWQ3	211	0.006	0.012	0.629	0.01 (-0.02, 0.03)	0.827	0.207	-0.058	0.024	0.016	-0.06 (-0.11, -0.01)	0.004	0.002	-0.017	0.020	0.403	-0.02 (-0.06, 0.02)	-0.024	0.024	0.326	-0.02 (-0.07, 0.02)
9886_28	XRCC4	Q13426	211	0.006	0.013	0.630	0.01 (-0.02, 0.03)	0.827	0.018	-0.041	0.026	0.113	-0.04 (-0.09, 0.01)	0.003	0.034	-0.004	0.019	0.816	-4.50e-03 (-0.04, 0.	-0.054	0.029	0.058	-0.05 (-0.11, 1.48e-03)
13936_24	PGK2	P07205	211	0.006	0.012	0.631	0.01 (-0.02, 0.03)	0.827	0.155	-0.026	0.024	0.291	-0.03 (-0.07, 0.02)	0.002	0.137	-0.020	0.020	0.325	-0.02 (-0.06, 0.02)	-0.032	0.022	0.162	-0.03 (-0.08, 0.01)
3825_18	MAPK8	P45983	211	-0.006	0.012	0.631	-0.01 (-0.03, 0.02)	0.827	0.059	-0.036	0.025	0.150	-0.04 (-0.09, 0.01)	0.002	0.160	-0.039	0.021	0.072	-0.04 (-0.08, 3.45e-	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)
4160_49	MMP2	P08253	211	-0.008	0.016	0.631	-0.01 (-0.04, 0.02)	0.827	1.41E-10	0.060	0.032	0.061	0.06 (-2.51e-03, 0.12)	-0.004	0.015	0.039	0.024	0.104	0.04 (-0.01, 0.09)	0.042	0.027	0.120	0.04 (-0.01, 0.10)
8067_21	KCNE3	Q9Y6H6	211	0.006	0.012	0.631	0.01 (-0.02, 0.03)	0.827	0.681	-0.051	0.023	0.029	-0.05 (-0.10, -0.01)	0.004	0.005	-0.024	0.021	0.255	-0.02 (-0.07, 0.02)	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)
12844_10	BAG4	O95429	211	0.006	0.012	0.631	0.01 (-0.02, 0.03)	0.827	0.370	-0.042	0.024	0.074	-0.04 (-0.09, 3.94e-03	0.003	0.019	-0.021	0.019	0.283	-0.02 (-0.06, 0.02)	-0.038	0.023	0.106	-0.04 (-0.08, 0.01)
4673_13	IL6	P05231	211	-0.006	0.012	0.632	-0.01 (-0.03, 0.02)	0.827	0.105	-0.048	0.024	0.046	-0.05 (-0.10, -1.23e-0	0.003	0.040	-0.033	0.020	0.103	-0.03 (-0.07, 0.01)	-0.046	0.023	0.053	-0.05 (-0.09, 3.34e-04)
17156_72	DCLK1	O15075	211	0.006	0.013	0.632	0.01 (-0.02, 0.03)	0.827	0.023	-0.030	0.026	0.244	-0.03 (-0.08, 0.02)	0.002	0.104	0.001	0.022	0.946	1.49e-03 (-0.04, 0.0	0.007	0.026	0.791	0.01 (-0.04, 0.06)
15540_6	VIM	P08670	211	0.007	0.015	0.633	0.01 (-0.02, 0.04)	0.828	3.93E-09	-0.023	0.030	0.450	-0.02 (-0.08, 0.04)	0.002	0.249	-0.047	0.022	0.030	-0.05 (-0.09, -4.65e-	-0.046	0.027	0.083	-0.05 (-0.10, 0.01)
9595_11	B4GALT2	O60909	211	-0.006	0.013	0.633	-0.01 (-0.03, 0.02)	0.829	0.014	0.008	0.026	0.763	0.01 (-0.04, 0.06)	-0.001	0.530	-0.009	0.025	0.724	-0.01 (-0.06, 0.04)	-0.017	0.025	0.507	-0.02 (-0.07, 0.03)
11816_84	JAK2	O60674	211	-0.006	0.012	0.634	-0.01 (-0.03, 0.02)	0.829	0.284	-0.018	0.024	0.454	-0.02 (-0.07, 0.03)	0.001	0.551	-0.023	0.022	0.295	-0.02 (-0.07, 0.02)	-0.024	0.023	0.307	-0.02 (-0.07, 0.02)
14150_7	IL36A	Q9UHA7	211	-0.009	0.018	0.634	-0.01 (-0.04, 0.03)	0.829	1.65E-21	-0.018	0.036	0.624	-0.02 (-0.09, 0.05)	0.001	0.771	0.026	0.024	0.267	0.03 (-0.02, 0.07)	0.020	0.025	0.423	0.02 (-0.03, 0.07)
2447_7	PLA2G2E	Q9NZK7	211	0.006	0.012	0.634	0.01 (-0.02, 0.03)	0.829	0.093	-0.038	0.024	0.119	-0.04 (-0.09, 0.01)	0.003	0.039	-0.010	0.023	0.668	-0.01 (-0.06, 0.04)	-0.006	0.023	0.803	-0.01 (-0.05, 0.04)
2747_3	ULBP3	Q9BZM4	211	-0.006	0.012	0.634	-0.01 (-0.03, 0.02)	0.829	0.072	-0.041	0.025	0.102	-0.04 (-0.09, 0.01)	0.002	0.102	-0.019	0.020	0.322	-0.02 (-0.06, 0.02)	-0.040	0.024	0.102	-0.04 (-0.09, 0.01)
7993_23	ASTL	Q6HA08	211	0.006	0.012	0.634	0.01 (-0.02, 0.03)	0.829	0.633	-0.055	0.023	0.018	-0.06 (-0.10, -0.01)	0.004	0.003	-0.025	0.022	0.240	-0.03 (-0.07, 0.02)	-0.022	0.024	0.352	-0.02 (-0.07, 0.02)
13518_5	ASAP2	O43150	211	0.006	0.013	0.635	0.01 (-0.02, 0.03)	0.830	0.010	-0.029	0.026	0.256	-0.03 (-0.08, 0.02)	0.002	0.113	-0.023	0.023	0.321	-0.02 (-0.07, 0.02)	-0.028	0.021	0.172	-0.03 (-0.07, 0.01)
2500_2	ANGPT4	Q9Y264	211	-0.006	0.012	0.635	-0.01 (-0.03, 0.02)	0.830	0.620	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)	0.002	0.116	-0.024	0.021	0.253	-0.02 (-0.07, 0.02)	-0.026	0.024	0.277	-0.03 (-0.07, 0.02)
17204_17	PNMT	P11086	211	-0.005	0.011	0.636	-0.01 (-0.03, 0.02)	0.830	0.153	-0.040	0.024	0.098	-0.04 (-0.09, 0.01)	0.002	0.098	-0.032	0.022	0.140	-0.03 (-0.08, 0.01)	-0.015	0.022	0.483	-0.02 (-0.06, 0.03)
4143_74	XCL1	P47992	211	0.006	0.012	0.636	0.01 (-0.02, 0.03)	0.830	0.219	-0.051	0.024	0.034	-0.05 (-0.10, -4.23e-0	0.004	0.007	-0.017	0.021	0.431	-0.02 (-0.06, 0.02)	-0.018	0.022	0.412	-0.02 (-0.06, 0.02)
4499_21	PDGFA	P04085	211	-0.007	0.014	0.636	-0.01 (-0.03, 0.02)	0.830	0.001	-0.037	0.028	0.186	-0.04 (-0.09, 0.02)	0.002	0.209	-0.037	0.024	0.121	-0.04 (-0.08, 0.01)	-0.035	0.024	0.144	-0.04 (-0.08, 0.01)
7018_10	TSR3	Q9UJK0	211	-0.006	0.013	0.636	-0.01 (-0.03, 0.02)	0.830	0.007	-0.082	0.026	0.002	-0.08 (-0.13, -0.03)	0.005	0.001	-0.031	0.024	0.205	-0.03 (-0.08, 0.02)	-0.036	0.024	0.125	-0.04 (-0.08, 0.01)
17694_32	PSME2	Q9UL46	211	-0.006	0.012	0.637	-0.01 (-0.03, 0.02)	0.830	0.389	-0.027	0.024	0.259	-0.03 (-0.07, 0.02)	0.001	0.300	-0.026	0.022	0.238	-0.03 (-0.07, 0.02)	-0.024	0.024	0.311	-0.02 (-0.07, 0.02)
8268_98	HS3ST3A1	Q9Y663	211	-0.006	0.013	0.637	-0.01 (-0.03, 0.02)	0.830	0.017	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.003	0.019	-0.018	0.019	0.351	-0.02 (-0.06, 0.02)	-0.064	0.024	0.008	-0.06 (-0.11, -0.02)
9772_153	NLGN2	Q8NFZ4	211	0.006	0.012	0.636	0.01 (-0.02, 0.03)	0.830	0.292	0.015	0.025	0.551	0.01 (-0.03, 0.06)	-0.001	0.673	0.016	0.026	0.541	0.02 (-0.04, 0.07)	0.023	0.026	0.372	0.02 (-0.03, 0.07)
10756_34	UCN3	Q969E3	211	0.006	0.012	0.637	0.01 (-0.02, 0.03)	0.830	0.034	-0.031	0.025	0.210	-0.03 (-0.08, 0.02)	0.002	0.085	-0.011	0.020	0.575	-0.01 (-0.05, 0.03)	-0.046	0.026	0.074	-0.05 (-0.10, 4.28e-03)
11465_4	GPR135	Q8IZ08	211	0.006	0.012	0.637	0.01 (-0.02, 0.03)	0.830	0.079	-0.028	0.025	0.267	-0.03 (-0.08, 0.02)	0.002	0.124	-0.008	0.025	0.731	-0.01 (-0.06, 0.04)	-0.009	0.025	0.714	-0.01 (-0.06, 0.04)
19219_71	NUTF2	P61970	211	-0.006	0.012	0.637	-0.01 (-0.03, 0.02)	0.830	0.131	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)	0.002	0.141	-0.041	0.022	0.055	-0.04 (-0.08, 8.80e-	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)
6706_18	ALPPL2	P10696	211	0.006	0.013	0.639	0.01 (-0.02, 0.03)	0.832	0.023	-0.016	0.025	0.539	-0.02 (-0.06, 0.03)	0.001	0.328	-0.003	0.024	0.898	-3.07e-03 (-0.05, 0.	-0.028	0.023	0.239	-0.03 (-0.07, 0.02)
3600_2	CHIT1	Q13231	211	0.006	0.012	0.640	0.01 (-0.02, 0.03)	0.833	0.629	0.021	0.024	0.384	0.02 (-0.03, 0.07)	-0.001	0.462	0.019	0.025	0.443	0.02 (-0.03, 0.07)	0.025	0.024	0.298	0.03 (-0.02, 0.07)
5253_1	PDE1A	P54750	211	-0.006	0.012	0.640	-0.01 (-0.03, 0.02)	0.833	0.391	-0.036	0.024	0.126	-0.04 (-0.08, 0.01)	0.002	0.133	-0.019	0.019	0.306	-0.02 (-0.06, 0.02)	-0.053	0.023	0.020	-0.05 (-0.10, -0.01)
11438_6	DNAJB2	P25686	211	-0.006	0.013	0.640	-0.01 (-0.03, 0.02)	0.833	0.039	-0.051	0.025	0.044	-0.05 (-0.10, -1.60e-0	0.003	0.040	-0.041	0.020	0.038	-0.04 (-0.08, -2.29e-	-0.050	0.025	0.046	-0.05 (-0.10, -1.21e-03)
2836_68	LCN2	P80188	211	-0.006	0.014	0.640	-0.01 (-0.03, 0.02)	0.833	0.007	-0.005	0.027	0.861	-4.76e-03 (-0.06, 0.05	0.001	0.635	-0.016	0.021	0.426	-0.02 (-0.06, 0.02)	-0.021	0.024	0.390	-0.02 (-0.07, 0.02)
12740_55	FEV	Q99581	211	-0.006	0.013	0.641	-0.01 (-0.03, 0.02)	0.834	0.030	-0.033	0.026	0.198	-0.03 (-0.08, 0.02)	0.002	0.223	-0.039	0.022	0.076	-0.04 (-0.08, 4.00e-	-0.036	0.025	0.146	-0.04 (-0.09, 0.01)
12986_12	LIN7C	Q9NUP9	211	-0.006	0.013	0.641	-0.01 (-0.03, 0.02)	0.834	0.017	-0.081	0.025	0.002	-0.08 (-0.13, -0.03)	0.005	0.001	-0.027	0.022	0.220	-0.03 (-0.07, 0.02)	-0.021	0.026	0.436	-0.02 (-0.07, 0.03)
8999_19	CEACAM3	P40198	211	0.006	0.012	0.641	0.01 (-0.02, 0.03)	0.834	0.089	-0.061	0.024	0.014	-0.06 (-0.11, -0.01)	0.004	0.002	-0.025	0.021	0.230	-0.02 (-0.07, 0.02)	-0.030	0.023	0.189	-0.03 (-0.08, 0.01)
9779_63	HERPUD2	Q9BSE4	211	0.005	0.012	0.641	0.01 (-0.02, 0.03)	0.834	0.094	-0.034	0.024	0.169	-0.03 (-0.08, 0.01)	0.002	0.065	-0.021	0.019	0.285	-0.02 (-0.06, 0.02)	-0.041	0.023	0.068	-0.04 (-0.09, 2.88e-03)
10945_11	STX6	O43752	211	-0.006	0.013	0.642	-0.01 (-0.03, 0.02)	0.834	0.015	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.004	0.009	-0.052	0.021	0.012	-0.05 (-0.09, -0.01)	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)
12790_10	CCDC51	Q96ER9	211	0.005	0.012	0.642	0.01 (-0.02, 0.03)	0.834	0.183	-0.022	0.024	0.347	-0.02 (-0.07, 0.02)	0.002	0.177	-0.019	0.022	0.385	-0.02 (-0.06, 0.02)	-0.013	0.023	0.561	-0.01 (-0.06, 0.03)
12818_159	SLC14A2	Q15849	211	-0.005	0.012	0.643	-0.01 (-0.03, 0.02)	0.834	0.444	-0.060	0.024	0.011	-0.06 (-0.11, -0.01)	0.003	0.008	-0.020	0.022	0.365	-0.02 (-0.06, 0.02)	-0.027	0.025	0.272	-0.03 (-0.08, 0.02)
18883_4	DSTN	P60981	211	0.006	0.012	0.643	0.01 (-0.02, 0.03)	0.834	0.119	0.005	0.025	0.838	0.01 (-0.04, 0.05)	0.000	0.984	0.004	0.024	0.855	4.44e-03 (-0.04, 0.0	0.008	0.023	0.741	0.01 (-0.04, 0.05)
19159_9	POLD4	Q9HCU8	211	0.005	0.011	0.642	0.01 (-0.02, 0.03)	0.834	0.341	-0.040	0.023	0.078	-0.04 (-0.08, 4.35e-03	0.003	0.021	-0.019	0.022	0.396	-0.02 (-0.06, 0.02)	-0.016	0.022	0.473	-0.02 (-0.06, 0.03)
19360_22	LRRTM1	Q86UE6	211	0.005	0.012	0.643	0.01 (-0.02, 0.03)	0.834	0.228	-0.037	0.024	0.118	-0.04 (-0.08, 0.01)	0.003	0.038	-0.022	0.022	0.321	-0.02 (-0.07, 0.02)	-0.020	0.023	0.388	-0.02 (-0.07, 0.03)
6377_54	LYZL2	Q7Z4W2	211	-0.005	0.012	0.643	-0.01 (-0.03, 0.02)	0.834	0.230	-0.056	0.024	0.018	-0.06 (-0.10, -0.01)	0.003	0.014	-0.036	0.021	0.079	-0.04 (-0.08, 4.27e-	-0.040	0.023	0.087	-0.04 (-0.09, 0.01)
11288_26	NT5C2	P49902	211	-0.006	0.013	0.645	-0.01 (-0.03, 0.02)	0.835	0.010	-0.058	0.026	0.026	-0.06 (-0.11, -0.01)	0.003	0.021	-0.038	0.021	0.070	-0.04 (-0.08, 3.09e-	-0.043	0.024	0.080	-0.04 (-0.09, 4.91e-03)
13639_101	USO1	O60763	211	-0.005	0.012	0.645	-0.01 (-0.03, 0.02)	0.835	0.159	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)	0.002	0.204	-0.042	0.021	0.043	-0.04 (-0.08, -1.22e-	-0.049	0.026	0.062	-0.05 (-0.10, 2.16e-03)
15297_3	S100A3	P33764	211	0.006	0.013	0.644	0.01 (-0.02, 0.03)	0.835	0.006	-0.076	0.025	0.003	-0.08 (-0.13, -0.03)	0.005	1.92E-04	-0.019	0.021	0.367	-0.02 (-0.06, 0.02)	-0.014	0.022	0.511	-0.01 (-0.06, 0.03)
17735_130	GABARAP	O95166	211	-0.006	0.014	0.645	-0.01 (-0.03, 0.02)	0.835	2.81E-04	-0.076	0.027	0.005	-0.08 (-0.13, -0.02)	0.004	0.003	-0.051	0.021	0.015	-0.05 (-0.09, -0.01)	-0.041	0.023	0.071	-0.04 (-0.09, 3.22e-03)
19572_10	CEBPG	P53567	211	0.005	0.012	0.644	0.01 (-0.02, 0.03)	0.835	0.452	-0.037	0.023	0.111	-0.04 (-0.08, 0.01)	0.003	0.036	-0.011	0.020	0.576	-0.01 (-0.05, 0.03)	-0.018	0.024	0.466	-0.02 (-0.07, 0.03)
3005_5	PTPN1	P18031	211	0.006	0.013	0.645	0.01 (-0.02, 0.03)	0.835	0.041	-0.035	0.025	0.165	-0.04 (-0.08, 0.01)	0.003	0.061	-0.030	0.022	0.173	-0.03 (-0.07, 0.01)	-0.023	0.024	0.342	-0.02 (-0.07, 0.02)
4997_19	EIF4A3	P38919	211	0.005	0.012	0.645	0.01 (-0.02, 0.03)	0.835	0.172	-0.038	0.024	0.121	-0.04 (-0.09, 0.01)	0.003	0.040	-0.019	0.020	0.343	-0.02 (-0.06, 0.02)	-0.036	0.022	0.115	-0.04 (-0.08, 0.01)
9055_81	MYZAP	P0CAP1	211	0.005	0.012	0.644	0.01 (-0.02, 0.03)	0.835	0.304	-0.027	0.024	0.252	-0.03 (-0.07, 0.02)	0.002	0.113	-0.017	0.023	0.461	-0.02 (-0.06, 0.03)	-0.010	0.022	0.664	-0.01 (-0.05, 0.03)
15674_3	CD79A	P11912	211	-0.006	0.013	0.646	-0.01 (-0.03, 0.02)	0.836	0.030	-0.044	0.025	0.080	-0.04 (-0.09, 0.01)	0.002	0.078	-0.019	0.024	0.444	-0.02 (-0.07, 0.03)	-0.022	0.024	0.365	-0.02 (-0.07, 0.03)
10534_40	PARP1	P09874	211	-0.005	0.012	0.647	-0.01 (-0.03, 0.02)	0.837	0.135	-0.065	0.024	0.007	-0.07 (-0.11, -0.02)	0.004	0.004	-0.029	0.021	0.172	-0.03 (-0.07, 0.01)	-0.035	0.025	0.170	-0.04 (-0.08, 0.01)
11432_11	PQBP1	O60828	211	0.006	0.013	0.647	0.01 (-0.02, 0.03)	0.837	0.039	-0.072	0.024	0.003	-0.07 (-0.12, -0.03)	0.005	2.22E-04	-0.006	0.020	0.753	-0.01 (-0.05, 0.03)	-0.005	0.024	0.825	-0.01 (-0.05, 0.04)
4560_34	LCK	P06239	211	0.006	0.013	0.647	0.01 (-0.02, 0.03)	0.837	0.033	-0.039	0.025	0.121	-0.04 (-0.09, 0.01)	0.003	0.040	-0.025	0.021	0.236	-0.02 (-0.07, 0.02)	-0.031	0.025	0.223	-0.03 (-0.08, 0.02)
5717_2	CILP	O75339	211	-0.005	0.012	0.647	-0.01 (-0.03, 0.02)	0.837	0.066	-0.046	0.025	0.069	-0.05 (-0.09, 3.25e-03	0.003	0.063	-0.035	0.021	0.087	-0.04 (-0.08, 0.01)	-0.043	0.025	0.083	-0.04 (-0.09, 0.01)
12702_13	PELI2	Q9HAT8	211	-0.005	0.012	0.649	-0.01 (-0.03, 0.02)	0.838	0.403	-0.033	0.023	0.152	-0.03 (-0.08, 0.01)	0.002	0.163	-0.009	0.022	0.693	-0.01 (-0.05, 0.03)	-0.011	0.024	0.651	-0.01 (-0.06, 0.04)
14326_4	UBE2E1	P51965	211	-0.006	0.013	0.649	-0.01 (-0.03, 0.02)	0.838	0.012	-0.064	0.026	0.014	-0.06 (-0.11, -0.01)	0.004	0.010	-0.054	0.020	0.007	-0.05 (-0.09, -0.01)	-0.069	0.025	0.005	-0.07 (-0.12, -0.02)
14705_1	FIGF	O43915	211	0.005	0.011	0.649	0.01 (-0.02, 0.03)	0.838	0.173	-0.013	0.022	0.551	-0.01 (-0.06, 0.03)	0.001	0.323	-0.001	0.023	0.971	-8.46e-04 (-0.05, 0.	-0.012	0.020	0.561	-0.01 (-0.05, 0.03)
3174_2	ADAMTS1	Q9UHI8	211	0.005	0.012	0.649	0.01 (-0.02, 0.03)	0.838	0.249	-0.027	0.024	0.264	-0.03 (-0.07, 0.02)	0.002	0.120	-0.018	0.021	0.400	-0.02 (-0.06, 0.02)	-0.017	0.025	0.492	-0.02 (-0.07, 0.03)
4982_54	PI3	P19957	211	0.006	0.013	0.649	0.01 (-0.02, 0.03)	0.838	0.020	-0.004	0.026	0.890	-3.66e-03 (-0.06, 0.05	0.001	0.671	0.009	0.026	0.727	0.01 (-0.04, 0.06)	0.007	0.028	0.813	0.01 (-0.05, 0.06)
5280_68	SLC25A18	Q9H1K4	211	0.006	0.013	0.648	0.01 (-0.02, 0.03)	0.838	0.029	-0.046	0.025	0.064	-0.05 (-0.09, 2.49e-03	0.003	0.016	-0.032	0.020	0.113	-0.03 (-0.07, 0.01)	-0.032	0.024	0.186	-0.03 (-0.08, 0.02)
6470_19	FBLN1	P23142	211	0.007	0.016	0.648	0.01 (-0.02, 0.04)	0.838	5.48E-09	0.066	0.031	0.037	0.07 (4.42e-03, 0.13)	-0.004	0.032	0.019	0.023	0.410	0.02 (-0.03, 0.06)	0.022	0.028	0.443	0.02 (-0.03, 0.08)
12871_10	TWF1	Q12792	211	-0.006	0.013	0.649	-0.01 (-0.03, 0.02)	0.838	0.032	-0.039	0.026	0.129	-0.04 (-0.09, 0.01)	0.002	0.136	-0.046	0.022	0.033	-0.05 (-0.09, -3.64e-	-0.037	0.024	0.127	-0.04 (-0.08, 0.01)
11656_110	EVL	Q9UI08	211	-0.006	0.013	0.650	-0.01 (-0.03, 0.02)	0.838	0.015	-0.058	0.026	0.026	-0.06 (-0.11, -0.01)	0.003	0.021	-0.024	0.022	0.279	-0.02 (-0.07, 0.02)	-0.017	0.025	0.504	-0.02 (-0.07, 0.03)
12554_10	RAD51L3	O75771	211	0.006	0.013	0.650	0.01 (-0.02, 0.03)	0.838	0.012	-0.009	0.026	0.720	-0.01 (-0.06, 0.04)	0.001	0.497	-0.022	0.020	0.284	-0.02 (-0.06, 0.02)	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)
18215_5	THG1L	Q9NWX6	211	-0.006	0.013	0.650	-0.01 (-0.03, 0.02)	0.838	0.046	-0.045	0.025	0.079	-0.04 (-0.09, 4.87e-03	0.002	0.077	-0.014	0.021	0.491	-0.01 (-0.06, 0.03)	-0.033	0.023	0.153	-0.03 (-0.08, 0.01)
11163_7	FAM162B	Q5T6X4	211	0.005	0.012	0.652	0.01 (-0.02, 0.03)	0.838	0.306	-0.044	0.023	0.062	-0.04 (-0.09, 1.90e-03	0.003	0.016	-0.023	0.021	0.281	-0.02 (-0.06, 0.02)	-0.017	0.023	0.458	-0.02 (-0.06, 0.03)
12746_4	CYTH4	Q9UIA0	211	0.006	0.013	0.652	0.01 (-0.02, 0.03)	0.838	0.004	-0.040	0.026	0.124	-0.04 (-0.09, 0.01)	0.003	0.041	-0.036	0.019	0.063	-0.04 (-0.07, 1.87e-	-0.040	0.025	0.102	-0.04 (-0.09, 0.01)
13590_1	REXO2	Q9Y3B8	211	-0.006	0.013	0.652	-0.01 (-0.03, 0.02)	0.838	0.014	-0.050	0.026	0.054	-0.05 (-0.10, 6.31e-04	0.003	0.049	-0.026	0.019	0.177	-0.03 (-0.06, 0.01)	-0.047	0.023	0.046	-0.05 (-0.09, -1.14e-03)
15666_21	BMP2	P12643	211	0.005	0.012	0.651	0.01 (-0.02, 0.03)	0.838	0.658	-0.055	0.023	0.019	-0.05 (-0.10, -0.01)	0.004	0.003	-0.043	0.020	0.037	-0.04 (-0.08, -2.61e-	-0.032	0.024	0.172	-0.03 (-0.08, 0.01)
2819_23	CDH5	P33151	211	0.006	0.014	0.653	0.01 (-0.02, 0.03)	0.838	0.004	0.031	0.027	0.251	0.03 (-0.02, 0.08)	-0.002	0.286	0.009	0.025	0.704	0.01 (-0.04, 0.06)	0.020	0.024	0.400	0.02 (-0.03, 0.07)
5265_12	GRAP2	O75791	211	0.005	0.012	0.652	0.01 (-0.02, 0.03)	0.838	0.144	-0.041	0.024	0.083	-0.04 (-0.09, 0.01)	0.003	0.024	-0.039	0.021	0.065	-0.04 (-0.08, 2.39e-	-0.040	0.023	0.089	-0.04 (-0.09, 0.01)
5316_54	F2	P00734	211	0.006	0.013	0.650	0.01 (-0.02, 0.03)	0.838	0.003	-0.019	0.026	0.475	-0.02 (-0.07, 0.03)	0.002	0.276	0.026	0.022	0.243	0.03 (-0.02, 0.07)	0.016	0.021	0.452	0.02 (-0.03, 0.06)
5615_62	FAM172A	Q8WUF8	211	-0.005	0.012	0.652	-0.01 (-0.03, 0.02)	0.838	0.328	-0.032	0.024	0.173	-0.03 (-0.08, 0.01)	0.002	0.186	-0.025	0.021	0.227	-0.03 (-0.07, 0.02)	-0.022	0.025	0.366	-0.02 (-0.07, 0.03)
5752_63	SUSD3	Q96L08	211	0.005	0.012	0.650	0.01 (-0.02, 0.03)	0.838	0.189	-0.039	0.024	0.103	-0.04 (-0.09, 0.01)	0.003	0.032	-0.018	0.021	0.392	-0.02 (-0.06, 0.02)	-0.018	0.023	0.427	-0.02 (-0.06, 0.03)
6538_90	KIAA2013	Q8IYS2	211	0.005	0.011	0.652	0.01 (-0.02, 0.03)	0.838	0.353	-0.026	0.023	0.266	-0.03 (-0.07, 0.02)	0.002	0.122	-0.017	0.022	0.423	-0.02 (-0.06, 0.02)	-0.022	0.023	0.332	-0.02 (-0.07, 0.02)
6920_1	GFRAL	Q6UXV0	211	0.005	0.012	0.652	0.01 (-0.02, 0.03)	0.838	0.089	0.006	0.025	0.798	0.01 (-0.04, 0.06)	0.000	0.959	0.020	0.024	0.406	0.02 (-0.03, 0.07)	0.019	0.024	0.442	0.02 (-0.03, 0.07)
6997_32	RAB26	Q9ULW5	211	-0.007	0.017	0.652	-0.01 (-0.04, 0.03)	0.838	1.43E-13	0.022	0.033	0.513	0.02 (-0.04, 0.09)	-0.002	0.308	-0.025	0.026	0.351	-0.02 (-0.08, 0.03)	-0.031	0.025	0.208	-0.03 (-0.08, 0.02)
8398_277	RARRES1	P49788	211	-0.005	0.012	0.652	-0.01 (-0.03, 0.02)	0.838	2.98E-09	-0.003	0.024	0.915	-2.56e-03 (-0.05, 0.04	0.000	0.889	-0.014	0.019	0.456	-0.01 (-0.05, 0.02)	-0.011	0.020	0.570	-0.01 (-0.05, 0.03)
8458_111	SNCA	P37840	211	0.005	0.012	0.652	0.01 (-0.02, 0.03)	0.838	0.300	0.002	0.024	0.934	2.01e-03 (-0.05, 0.05)	0.000	0.874	-0.017	0.022	0.452	-0.02 (-0.06, 0.03)	-0.012	0.023	0.592	-0.01 (-0.06, 0.03)
9045_3	SLC27A2	O14975	211	-0.005	0.012	0.653	-0.01 (-0.03, 0.02)	0.838	0.128	-0.057	0.024	0.018	-0.06 (-0.10, -0.01)	0.003	0.013	-0.039	0.022	0.083	-0.04 (-0.08, 0.01)	-0.043	0.023	0.061	-0.04 (-0.09, 1.66e-03)
9536_16	EDDM3A	Q14507	211	-0.005	0.012	0.651	-0.01 (-0.03, 0.02)	0.838	0.082	-0.074	0.024	0.003	-0.07 (-0.12, -0.03)	0.004	0.001	-0.044	0.022	0.042	-0.04 (-0.09, -1.61e-	-0.043	0.024	0.078	-0.04 (-0.09, 4.57e-03)
5354_11	KRT18	P05783	211	0.006	0.013	0.653	0.01 (-0.02, 0.03)	0.838	0.004	-0.038	0.026	0.149	-0.04 (-0.09, 0.01)	0.003	0.053	-0.037	0.022	0.086	-0.04 (-0.08, 0.01)	-0.039	0.023	0.095	-0.04 (-0.08, 0.01)
10560_1	ITM2C	Q9NQX7	211	0.005	0.012	0.655	0.01 (-0.02, 0.03)	0.839	0.234	-0.047	0.023	0.047	-0.05 (-0.09, -8.96e-0	0.003	0.011	-0.021	0.022	0.343	-0.02 (-0.06, 0.02)	-0.012	0.022	0.574	-0.01 (-0.06, 0.03)
11283_13	DCAF5	Q96JK2	211	0.006	0.013	0.655	0.01 (-0.02, 0.03)	0.839	0.005	-0.061	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.003	-0.009	0.020	0.658	-0.01 (-0.05, 0.03)	-0.017	0.025	0.481	-0.02 (-0.07, 0.03)
11645_9	P4HA1	P13674	211	0.005	0.012	0.655	0.01 (-0.02, 0.03)	0.839	0.190	-0.059	0.024	0.014	-0.06 (-0.11, -0.01)	0.004	0.002	-0.015	0.019	0.449	-0.01 (-0.05, 0.02)	-0.024	0.022	0.279	-0.02 (-0.07, 0.02)
16847_39	RAB3B	P20337	211	-0.005	0.012	0.655	-0.01 (-0.03, 0.02)	0.839	0.893	-0.031	0.023	0.188	-0.03 (-0.08, 0.01)	0.002	0.206	-0.038	0.021	0.064	-0.04 (-0.08, 2.25e-	-0.032	0.023	0.165	-0.03 (-0.08, 0.01)
2665_26	TNFRSF17	Q02223	211	-0.007	0.016	0.655	-0.01 (-0.04, 0.02)	0.839	5.87E-09	0.033	0.032	0.300	0.03 (-0.03, 0.09)	-0.003	0.145	0.006	0.025	0.800	0.01 (-0.04, 0.06)	-0.012	0.025	0.642	-0.01 (-0.06, 0.04)
8749_194	CD1D	P15813	211	0.006	0.013	0.654	0.01 (-0.02, 0.03)	0.839	0.046	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	-0.021	0.020	0.293	-0.02 (-0.06, 0.02)	-0.030	0.023	0.198	-0.03 (-0.07, 0.02)
9070_1	C17orf67	Q0P5P2	211	0.005	0.012	0.655	0.01 (-0.02, 0.03)	0.839	0.100	-0.034	0.024	0.168	-0.03 (-0.08, 0.01)	0.002	0.066	-0.021	0.020	0.289	-0.02 (-0.06, 0.02)	-0.038	0.023	0.102	-0.04 (-0.08, 0.01)
9550_153	TTC17	Q96AE7	211	0.005	0.012	0.655	0.01 (-0.02, 0.03)	0.839	0.420	-0.034	0.023	0.144	-0.03 (-0.08, 0.01)	0.002	0.051	-0.027	0.021	0.211	-0.03 (-0.07, 0.02)	-0.018	0.023	0.433	-0.02 (-0.06, 0.03)
12500_88	UBA2	Q9UBT2	211	0.006	0.013	0.656	0.01 (-0.02, 0.03)	0.839	0.018	-0.046	0.026	0.075	-0.05 (-0.10, 4.43e-03	0.003	0.021	-0.007	0.020	0.725	-0.01 (-0.05, 0.03)	-0.022	0.025	0.381	-0.02 (-0.07, 0.03)
18916_25	ITPA	Q9BY32	211	-0.005	0.012	0.656	-0.01 (-0.03, 0.02)	0.840	0.566	-0.039	0.024	0.108	-0.04 (-0.09, 0.01)	0.002	0.109	-0.033	0.021	0.113	-0.03 (-0.07, 0.01)	-0.059	0.026	0.022	-0.06 (-0.11, -0.01)
9793_145	IGDCC4	Q8TDY8	211	-0.006	0.014	0.656	-0.01 (-0.03, 0.02)	0.840	0.004	0.034	0.027	0.213	0.03 (-0.02, 0.09)	-0.002	0.090	0.006	0.026	0.821	0.01 (-0.04, 0.06)	0.016	0.024	0.509	0.02 (-0.03, 0.06)
17680_12	EPHB1	P54762	211	-0.005	0.012	0.658	-0.01 (-0.03, 0.02)	0.841	0.292	-0.019	0.024	0.436	-0.02 (-0.07, 0.03)	0.001	0.515	-0.038	0.020	0.062	-0.04 (-0.08, 1.85e-	-0.042	0.025	0.100	-0.04 (-0.09, 0.01)
3817_18	PRKCQ	Q04759	211	-0.006	0.013	0.658	-0.01 (-0.03, 0.02)	0.841	0.038	-0.032	0.026	0.220	-0.03 (-0.08, 0.02)	0.002	0.245	-0.042	0.021	0.047	-0.04 (-0.08, -6.09e-	-0.047	0.024	0.049	-0.05 (-0.09, -5.43e-04)
6214_84	IFNA8	P32881	211	0.005	0.012	0.658	0.01 (-0.02, 0.03)	0.841	0.094	-0.009	0.025	0.731	-0.01 (-0.06, 0.04)	0.001	0.522	-0.024	0.020	0.243	-0.02 (-0.06, 0.02)	-0.018	0.024	0.458	-0.02 (-0.07, 0.03)
6454_38	ARHGDIA	P52565	211	0.005	0.012	0.657	0.01 (-0.02, 0.03)	0.841	0.247	-0.055	0.023	0.020	-0.06 (-0.10, -0.01)	0.004	0.003	-0.007	0.021	0.723	-0.01 (-0.05, 0.03)	-0.013	0.021	0.544	-0.01 (-0.05, 0.03)
12471_47	STAU1	O95793	211	0.006	0.014	0.658	0.01 (-0.02, 0.03)	0.841	1.27E-04	-0.079	0.027	0.004	-0.08 (-0.13, -0.03)	0.005	3.03E-04	-0.020	0.020	0.304	-0.02 (-0.06, 0.02)	-0.047	0.025	0.064	-0.05 (-0.10, 2.42e-03)
18184_28	GMPS	P49915	211	-0.006	0.014	0.659	-0.01 (-0.03, 0.02)	0.841	0.001	-0.019	0.027	0.483	-0.02 (-0.07, 0.03)	0.001	0.579	-0.023	0.022	0.287	-0.02 (-0.07, 0.02)	-0.026	0.024	0.297	-0.03 (-0.07, 0.02)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
3535_84	DKK1	O94907	211	-0.007	0.015	0.659	-0.01 (-0.04, 0.02)	0.841	1.99E-05	-0.046	0.029	0.115	-0.05 (-0.10, 0.01)	0.003	0.117	-0.035	0.024	0.137	-0.04 (-0.08, 0.01)	-0.036	0.025	0.158	-0.04 (-0.08, 0.01)
7769_29	SH3BP2	P78314	211	0.005	0.012	0.659	0.01 (-0.02, 0.03)	0.841	0.128	-0.016	0.025	0.509	-0.02 (-0.06, 0.03)	0.001	0.314	-0.015	0.025	0.532	-0.02 (-0.06, 0.03)	-0.017	0.025	0.509	-0.02 (-0.07, 0.03)
8053_16	DNAJB14	Q8TBM8	211	0.005	0.012	0.659	0.01 (-0.02, 0.03)	0.841	0.083	-0.039	0.024	0.115	-0.04 (-0.09, 0.01)	0.003	0.039	-0.029	0.020	0.148	-0.03 (-0.07, 0.01)	-0.031	0.023	0.171	-0.03 (-0.08, 0.01)
8347_222	DEFB129	Q9H1M3	211	0.005	0.012	0.659	0.01 (-0.02, 0.03)	0.841	0.120	-0.017	0.025	0.480	-0.02 (-0.07, 0.03)	0.001	0.290	-0.009	0.023	0.702	-0.01 (-0.05, 0.04)	0.001	0.022	0.951	1.39e-03 (-0.04, 0.05)
12845_18	SNX17	Q15036	211	-0.005	0.012	0.660	-0.01 (-0.03, 0.02)	0.842	0.181	-0.053	0.024	0.031	-0.05 (-0.10, -0.01)	0.003	0.025	-0.026	0.019	0.176	-0.03 (-0.06, 0.01)	-0.044	0.025	0.082	-0.04 (-0.09, 0.01)
9713_67	PDGFRL	Q15198	211	0.005	0.012	0.660	0.01 (-0.02, 0.03)	0.843	0.098	0.012	0.025	0.619	0.01 (-0.04, 0.06)	0.000	0.737	-0.004	0.023	0.855	-4.26e-03 (-0.05, 0.	-0.001	0.026	0.974	-8.39e-04 (-0.05, 0.05)
10767_52	GPR64	Q8IZP9	211	0.005	0.012	0.662	0.01 (-0.02, 0.03)	0.843	0.399	-0.027	0.023	0.238	-0.03 (-0.07, 0.02)	0.002	0.106	-0.018	0.021	0.395	-0.02 (-0.06, 0.02)	-0.022	0.024	0.369	-0.02 (-0.07, 0.03)
12711_19	GJA8	P48165	211	0.005	0.011	0.662	0.01 (-0.02, 0.03)	0.843	0.240	-0.048	0.023	0.040	-0.05 (-0.09, -2.44e-0	0.003	0.009	0.001	0.019	0.976	5.68e-04 (-0.04, 0.0	-0.013	0.024	0.593	-0.01 (-0.06, 0.03)
19230_12	GSTT1	P30711	211	0.005	0.012	0.661	0.01 (-0.02, 0.03)	0.843	0.589	-0.036	0.024	0.126	-0.04 (-0.08, 0.01)	0.003	0.043	-0.005	0.020	0.799	-0.01 (-0.04, 0.03)	-0.010	0.024	0.696	-0.01 (-0.06, 0.04)
3329_14	PGLYRP1	O75594	211	0.007	0.015	0.661	0.01 (-0.02, 0.04)	0.843	4.81E-07	-0.066	0.029	0.024	-0.07 (-0.12, -0.01)	0.005	0.004	-0.006	0.021	0.790	-0.01 (-0.05, 0.03)	-0.017	0.023	0.473	-0.02 (-0.06, 0.03)
3873_51	TPO	P07202	211	0.005	0.012	0.661	0.01 (-0.02, 0.03)	0.843	0.155	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.002	-0.002	0.019	0.897	-2.47e-03 (-0.04, 0.	-0.025	0.023	0.289	-0.02 (-0.07, 0.02)
3905_62	UBE2N	P61088	211	-0.006	0.013	0.661	-0.01 (-0.03, 0.02)	0.843	0.028	-0.037	0.026	0.149	-0.04 (-0.09, 0.01)	0.002	0.157	-0.038	0.024	0.102	-0.04 (-0.08, 0.01)	-0.033	0.027	0.221	-0.03 (-0.09, 0.02)
9836_20	DCK	P27707	211	0.006	0.013	0.661	0.01 (-0.02, 0.03)	0.843	0.030	-0.059	0.025	0.018	-0.06 (-0.11, -0.01)	0.004	0.003	-0.015	0.021	0.490	-0.01 (-0.06, 0.03)	-0.016	0.023	0.485	-0.02 (-0.06, 0.03)
12480_9	OTUD5	Q96G74	211	0.006	0.013	0.662	0.01 (-0.02, 0.03)	0.843	0.008	-0.074	0.026	0.004	-0.07 (-0.12, -0.02)	0.005	3.96E-04	-0.010	0.022	0.658	-0.01 (-0.05, 0.03)	-0.011	0.024	0.657	-0.01 (-0.06, 0.04)
3298_52	CNTN4	Q8IWV2	211	0.006	0.013	0.662	0.01 (-0.02, 0.03)	0.843	0.206	0.045	0.026	0.081	0.05 (-0.01, 0.10)	-0.003	0.076	0.018	0.026	0.495	0.02 (-0.03, 0.07)	0.012	0.026	0.647	0.01 (-0.04, 0.06)
19266_35	G3BP1	Q13283	211	-0.005	0.012	0.662	-0.01 (-0.03, 0.02)	0.843	0.053	-0.058	0.025	0.022	-0.06 (-0.11, -0.01)	0.003	0.016	-0.037	0.020	0.064	-0.04 (-0.08, 2.21e-	-0.071	0.025	0.005	-0.07 (-0.12, -0.02)
9386_42	TTC9B	Q8N6N2	211	-0.005	0.012	0.662	-0.01 (-0.03, 0.02)	0.843	0.421	-0.035	0.024	0.134	-0.04 (-0.08, 0.01)	0.002	0.139	-0.022	0.021	0.284	-0.02 (-0.06, 0.02)	-0.018	0.023	0.434	-0.02 (-0.06, 0.03)
2833_20	KLK4	Q9Y5K2	211	0.005	0.012	0.663	0.01 (-0.02, 0.03)	0.843	0.736	-0.034	0.023	0.151	-0.03 (-0.08, 0.01)	0.002	0.056	-0.016	0.019	0.396	-0.02 (-0.05, 0.02)	-0.015	0.024	0.544	-0.01 (-0.06, 0.03)
11142_11	ANGPTL1	O95841	211	-0.006	0.014	0.664	-0.01 (-0.03, 0.02)	0.843	0.004	0.007	0.027	0.794	0.01 (-0.05, 0.06)	-0.001	0.578	-0.027	0.023	0.243	-0.03 (-0.07, 0.02)	-0.018	0.026	0.494	-0.02 (-0.07, 0.03)
13094_75	RSPO3	Q9BXY4	211	0.005	0.012	0.664	0.01 (-0.02, 0.03)	0.843	0.112	-0.048	0.024	0.051	-0.05 (-0.10, -1.59e-0	0.003	0.013	-0.028	0.019	0.154	-0.03 (-0.07, 0.01)	-0.045	0.026	0.077	-0.05 (-0.10, 4.73e-03)
13548_53	PPAPDC1A	Q5VZY2	211	0.006	0.013	0.664	0.01 (-0.02, 0.03)	0.843	0.033	-0.072	0.025	0.004	-0.07 (-0.12, -0.02)	0.005	3.60E-04	-0.025	0.020	0.208	-0.02 (-0.06, 0.01)	-0.029	0.024	0.221	-0.03 (-0.08, 0.02)
17154_2	PTGES3	Q15185	211	0.006	0.014	0.664	0.01 (-0.02, 0.03)	0.843	0.001	-0.059	0.027	0.029	-0.06 (-0.11, -0.01)	0.004	0.006	-0.017	0.022	0.428	-0.02 (-0.06, 0.03)	-0.006	0.024	0.798	-0.01 (-0.05, 0.04)
3620_67	IL22RA1	Q8N6P7	211	-0.005	0.012	0.664	-0.01 (-0.03, 0.02)	0.843	0.144	-0.074	0.024	0.003	-0.07 (-0.12, -0.03)	0.004	0.001	-0.021	0.021	0.302	-0.02 (-0.06, 0.02)	-0.031	0.024	0.205	-0.03 (-0.08, 0.02)
5465_32	HS6ST1	O60243	211	0.006	0.014	0.664	0.01 (-0.02, 0.03)	0.843	3.69E-05	-0.003	0.029	0.928	-2.59e-03 (-0.06, 0.05	0.001	0.722	-0.019	0.020	0.345	-0.02 (-0.06, 0.02)	-0.014	0.025	0.586	-0.01 (-0.06, 0.04)
9925_56	SCARF2	Q96GP6	211	0.005	0.012	0.664	0.01 (-0.02, 0.03)	0.843	0.665	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)	0.003	0.036	-0.009	0.019	0.625	-0.01 (-0.05, 0.03)	-0.026	0.024	0.291	-0.03 (-0.07, 0.02)
12594_5	GCA	P28676	211	0.005	0.012	0.665	0.01 (-0.02, 0.03)	0.844	0.886	-0.041	0.024	0.086	-0.04 (-0.09, 0.01)	0.003	0.025	-0.020	0.022	0.354	-0.02 (-0.06, 0.02)	-0.031	0.024	0.207	-0.03 (-0.08, 0.02)
16810_3	GDI1	P31150	211	0.006	0.013	0.665	0.01 (-0.02, 0.03)	0.844	0.020	-0.020	0.026	0.449	-0.02 (-0.07, 0.03)	0.002	0.259	-0.026	0.024	0.265	-0.03 (-0.07, 0.02)	-0.032	0.024	0.188	-0.03 (-0.08, 0.02)
3848_14	GAPDH	P04406	211	-0.005	0.012	0.665	-0.01 (-0.03, 0.02)	0.844	0.051	-0.034	0.026	0.190	-0.03 (-0.08, 0.02)	0.002	0.199	-0.033	0.024	0.163	-0.03 (-0.08, 0.01)	-0.025	0.025	0.315	-0.02 (-0.07, 0.02)
3630_27	CADM3	Q8N126	211	0.005	0.011	0.666	4.87e-03 (-0.02, 0.03)	0.844	0.697	0.018	0.022	0.413	0.02 (-0.03, 0.06)	-0.001	0.485	0.026	0.021	0.208	0.03 (-0.01, 0.07)	0.021	0.023	0.370	0.02 (-0.02, 0.07)
8003_57	LGI3	Q8N145	211	0.005	0.012	0.666	0.01 (-0.02, 0.03)	0.844	0.217	-0.021	0.024	0.376	-0.02 (-0.07, 0.03)	0.002	0.205	-0.017	0.021	0.420	-0.02 (-0.06, 0.02)	-0.018	0.024	0.456	-0.02 (-0.06, 0.03)
19135_5	NT5C3L	Q969T7	211	-0.006	0.013	0.667	-0.01 (-0.03, 0.02)	0.845	0.005	-0.044	0.026	0.095	-0.04 (-0.09, 0.01)	0.002	0.092	-0.041	0.022	0.062	-0.04 (-0.08, 2.14e-	-0.040	0.025	0.108	-0.04 (-0.09, 0.01)
4429_51	CHST6	Q9GZX3	211	0.005	0.012	0.667	0.01 (-0.02, 0.03)	0.845	0.387	-0.048	0.023	0.037	-0.05 (-0.09, -3.22e-0	0.003	0.008	-0.019	0.023	0.401	-0.02 (-0.06, 0.03)	-0.008	0.024	0.727	-0.01 (-0.05, 0.04)
6060_2	PIP	P12273	211	-0.005	0.012	0.667	-0.01 (-0.03, 0.02)	0.845	0.064	0.009	0.027	0.747	0.01 (-0.04, 0.06)	-0.001	0.544	-0.016	0.025	0.514	-0.02 (-0.07, 0.03)	-0.018	0.025	0.481	-0.02 (-0.07, 0.03)
10546_2	TSPEAR	Q8WU66	211	-0.005	0.012	0.668	-0.01 (-0.03, 0.02)	0.846	0.304	-0.052	0.024	0.027	-0.05 (-0.10, -0.01)	0.003	0.021	-0.027	0.022	0.201	-0.03 (-0.07, 0.01)	-0.025	0.023	0.282	-0.03 (-0.07, 0.02)
8974_172	COL15A1	P39059	211	-0.006	0.015	0.669	-0.01 (-0.04, 0.02)	0.847	3.81E-05	-0.029	0.029	0.324	-0.03 (-0.09, 0.03)	0.001	0.372	-0.024	0.026	0.370	-0.02 (-0.08, 0.03)	-0.031	0.026	0.234	-0.03 (-0.08, 0.02)
12534_10	CALCOCO	Q13137	211	0.006	0.013	0.669	0.01 (-0.02, 0.03)	0.847	0.034	-0.061	0.025	0.017	-0.06 (-0.11, -0.01)	0.004	0.003	-0.014	0.022	0.533	-0.01 (-0.06, 0.03)	-0.015	0.026	0.554	-0.02 (-0.07, 0.04)
2993_1	IL18RAP	O95256	211	-0.005	0.013	0.669	-0.01 (-0.03, 0.02)	0.847	0.049	-0.060	0.025	0.017	-0.06 (-0.11, -0.01)	0.003	0.012	-0.033	0.020	0.106	-0.03 (-0.07, 0.01)	-0.026	0.023	0.261	-0.03 (-0.07, 0.02)
3325_2	MATN2	O00339	211	-0.006	0.014	0.670	-0.01 (-0.03, 0.02)	0.847	0.002	0.009	0.028	0.756	0.01 (-0.05, 0.06)	-0.001	0.544	0.016	0.022	0.476	0.02 (-0.03, 0.06)	0.021	0.025	0.395	0.02 (-0.03, 0.07)
19189_2	USP14	P54578	211	0.005	0.012	0.670	0.01 (-0.02, 0.03)	0.847	0.060	-0.038	0.025	0.135	-0.04 (-0.09, 0.01)	0.003	0.050	-0.039	0.020	0.048	-0.04 (-0.08, -3.51e	-0.047	0.026	0.073	-0.05 (-0.10, 4.14e-03)
9038_12	JTB	O76095	211	-0.006	0.013	0.670	-0.01 (-0.03, 0.02)	0.847	0.013	-0.055	0.026	0.033	-0.06 (-0.11, -4.76e-0	0.003	0.026	-0.004	0.025	0.876	-3.90e-03 (-0.05, 0.	-0.005	0.023	0.817	-0.01 (-0.05, 0.04)
17787_1	ECHS1	P30084	211	0.005	0.012	0.671	4.96e-03 (-0.02, 0.03)	0.849	0.551	-0.005	0.023	0.823	-0.01 (-0.05, 0.04)	0.001	0.614	-0.007	0.023	0.750	-0.01 (-0.05, 0.04)	0.001	0.023	0.980	5.66e-04 (-0.04, 0.04)
15323_112	AGO3	Q9H9G7	211	0.006	0.013	0.671	0.01 (-0.02, 0.03)	0.849	0.006	-0.039	0.026	0.132	-0.04 (-0.09, 0.01)	0.003	0.047	-0.030	0.020	0.129	-0.03 (-0.07, 0.01)	-0.053	0.026	0.045	-0.05 (-0.10, -1.60e-03)
11514_196	CD59	P13987	211	-0.006	0.014	0.672	-0.01 (-0.03, 0.02)	0.849	3.44E-04	-0.036	0.028	0.192	-0.04 (-0.09, 0.02)	0.002	0.206	-0.019	0.026	0.474	-0.02 (-0.07, 0.03)	-0.030	0.025	0.232	-0.03 (-0.08, 0.02)
19112_2	TCEAL3	Q969E4	211	-0.005	0.012	0.672	-4.96e-03 (-0.03, 0.02	0.849	0.091	-0.051	0.025	0.040	-0.05 (-0.10, -2.51e-0	0.003	0.032	-0.043	0.020	0.028	-0.04 (-0.08, -4.63e	-0.047	0.024	0.048	-0.05 (-0.09, -6.24e-04)
7758_217	RNF215	Q9Y6U7	211	0.005	0.013	0.672	0.01 (-0.02, 0.03)	0.849	0.049	-0.017	0.025	0.485	-0.02 (-0.07, 0.03)	0.001	0.291	-0.018	0.020	0.375	-0.02 (-0.06, 0.02)	-0.014	0.023	0.544	-0.01 (-0.06, 0.03)
13487_24	UNC93B1	Q9H1C4	211	0.005	0.012	0.673	4.86e-03 (-0.02, 0.03)	0.850	0.349	-0.021	0.023	0.361	-0.02 (-0.07, 0.02)	0.002	0.194	-0.012	0.024	0.614	-0.01 (-0.06, 0.03)	-0.018	0.025	0.471	-0.02 (-0.07, 0.03)
13056_18	SLC6A16	Q9GZN6	211	0.005	0.011	0.674	4.80e-03 (-0.02, 0.03)	0.851	0.614	-0.042	0.022	0.063	-0.04 (-0.09, 1.96e-03	0.003	0.016	-0.013	0.020	0.509	-0.01 (-0.05, 0.03)	-0.014	0.020	0.474	-0.01 (-0.05, 0.02)
5009_11	MSN	P26038	211	0.005	0.012	0.674	4.89e-03 (-0.02, 0.03)	0.851	0.055	-0.020	0.025	0.413	-0.02 (-0.07, 0.03)	0.002	0.241	-0.016	0.023	0.482	-0.02 (-0.06, 0.03)	-0.007	0.022	0.749	-0.01 (-0.05, 0.04)
3891_56	MBD4	O95243	211	-0.006	0.013	0.675	-0.01 (-0.03, 0.02)	0.851	0.019	-0.040	0.026	0.124	-0.04 (-0.09, 0.01)	0.002	0.124	-0.027	0.019	0.144	-0.03 (-0.06, 0.01)	-0.033	0.023	0.157	-0.03 (-0.08, 0.01)
9870_17	WARS	P23381	211	0.006	0.013	0.675	0.01 (-0.02, 0.03)	0.851	0.009	-0.029	0.027	0.278	-0.03 (-0.08, 0.02)	0.002	0.135	-0.026	0.023	0.264	-0.03 (-0.07, 0.02)	-0.032	0.027	0.244	-0.03 (-0.08, 0.02)
4551_72	ADGRG5	Q8IZF4	211	0.005	0.012	0.675	4.89e-03 (-0.02, 0.03)	0.851	0.204	-0.046	0.024	0.056	-0.05 (-0.09, 9.71e-04	0.003	0.015	-0.028	0.021	0.178	-0.03 (-0.07, 0.01)	-0.026	0.023	0.268	-0.03 (-0.07, 0.02)
6625_31	ATAD1	Q8NBU5	211	-0.006	0.013	0.675	-0.01 (-0.03, 0.02)	0.852	0.005	-0.018	0.026	0.510	-0.02 (-0.07, 0.03)	0.001	0.603	-0.026	0.022	0.225	-0.03 (-0.07, 0.02)	-0.031	0.026	0.246	-0.03 (-0.08, 0.02)
11098_1	PDXK	O00764	211	-0.005	0.013	0.676	-0.01 (-0.03, 0.02)	0.852	0.018	-0.088	0.025	0.001	-0.09 (-0.14, -0.04)	0.005	2.09E-04	-0.037	0.023	0.103	-0.04 (-0.08, 0.01)	-0.033	0.024	0.168	-0.03 (-0.08, 0.01)
5735_54	C1GALT1C	Q96EU7	211	0.005	0.012	0.677	0.01 (-0.02, 0.03)	0.852	0.348	-0.004	0.024	0.879	-3.72e-03 (-0.05, 0.04	0.001	0.676	-0.002	0.026	0.933	-2.19e-03 (-0.05, 0.	-0.006	0.025	0.805	-0.01 (-0.05, 0.04)
5882_34	EEF1B2	P24534	211	-0.005	0.013	0.676	-0.01 (-0.03, 0.02)	0.852	0.027	-0.032	0.026	0.221	-0.03 (-0.08, 0.02)	0.002	0.240	-0.035	0.020	0.081	-0.03 (-0.07, 4.37e-	-0.046	0.025	0.065	-0.05 (-0.09, 2.60e-03)
13642_90	IFIT3	O14879	211	0.005	0.012	0.677	4.84e-03 (-0.02, 0.03)	0.853	0.079	-0.006	0.025	0.823	-0.01 (-0.05, 0.04)	0.001	0.626	-0.010	0.024	0.665	-0.01 (-0.06, 0.04)	-0.007	0.023	0.762	-0.01 (-0.05, 0.04)
5124_69	ICAM5	Q9UMF0	211	0.006	0.014	0.677	0.01 (-0.02, 0.03)	0.853	1.02E-04	0.044	0.028	0.118	0.04 (-0.01, 0.10)	-0.002	0.116	0.024	0.026	0.354	0.02 (-0.03, 0.07)	0.025	0.025	0.326	0.02 (-0.02, 0.07)
13653_335	MACROD1	Q9BQ69	211	0.006	0.014	0.678	0.01 (-0.02, 0.03)	0.853	0.001	-0.063	0.027	0.019	-0.06 (-0.12, -0.01)	0.004	0.003	-0.015	0.023	0.505	-0.02 (-0.06, 0.03)	-0.008	0.024	0.737	-0.01 (-0.05, 0.04)
16043_30	SHC1	P29353	211	-0.005	0.013	0.678	-0.01 (-0.03, 0.02)	0.853	0.043	-0.054	0.025	0.034	-0.05 (-0.10, -4.47e-0	0.003	0.027	-0.037	0.020	0.070	-0.04 (-0.08, 3.01e-	-0.048	0.026	0.068	-0.05 (-0.10, 3.36e-03)
10851_77	EBI3	Q14213	211	0.005	0.011	0.679	4.51e-03 (-0.02, 0.03)	0.853	0.307	0.031	0.022	0.167	0.03 (-0.01, 0.07)	-0.002	0.172	0.009	0.022	0.684	0.01 (-0.03, 0.05)	0.010	0.022	0.661	0.01 (-0.03, 0.05)
15412_40	BIRC7	Q96CA5	211	0.005	0.012	0.679	4.83e-03 (-0.02, 0.03)	0.853	0.852	-0.019	0.023	0.403	-0.02 (-0.06, 0.03)	0.002	0.227	-0.030	0.020	0.141	-0.03 (-0.07, 0.01)	-0.039	0.024	0.102	-0.04 (-0.09, 0.01)
3585_54	BSG	P35613	211	-0.006	0.014	0.679	-0.01 (-0.03, 0.02)	0.853	0.001	-0.058	0.027	0.029	-0.06 (-0.11, -0.01)	0.003	0.023	-0.029	0.023	0.202	-0.03 (-0.07, 0.02)	-0.041	0.025	0.102	-0.04 (-0.09, 0.01)
4413_3	SLPI	P03973	211	0.006	0.014	0.679	0.01 (-0.02, 0.03)	0.853	2.41E-04	-0.031	0.028	0.274	-0.03 (-0.09, 0.02)	0.002	0.133	0.012	0.023	0.607	0.01 (-0.03, 0.06)	0.007	0.024	0.772	0.01 (-0.04, 0.05)
7866_11	DNAJC30	Q96LL9	211	-0.005	0.012	0.679	-4.88e-03 (-0.03, 0.02	0.853	0.496	-0.043	0.023	0.066	-0.04 (-0.09, 2.66e-03	0.002	0.059	-0.042	0.020	0.036	-0.04 (-0.08, -2.69e	-0.044	0.024	0.064	-0.04 (-0.09, 2.29e-03)
12030_82	DES	P17661	211	0.005	0.013	0.680	0.01 (-0.02, 0.03)	0.854	0.016	-0.060	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.003	-0.028	0.023	0.230	-0.03 (-0.07, 0.02)	-0.013	0.025	0.590	-0.01 (-0.06, 0.04)
12428_2	LYPLAL1	Q5VWZ2	211	-0.005	0.012	0.680	-4.91e-03 (-0.03, 0.02	0.854	0.167	-0.066	0.024	0.007	-0.07 (-0.11, -0.02)	0.004	0.004	-0.031	0.019	0.110	-0.03 (-0.07, 0.01)	-0.060	0.024	0.014	-0.06 (-0.11, -0.01)
19169_88	FIBP	O43427	211	-0.005	0.012	0.680	-4.88e-03 (-0.03, 0.02	0.854	0.101	-0.034	0.025	0.175	-0.03 (-0.08, 0.01)	0.002	0.179	-0.032	0.021	0.128	-0.03 (-0.07, 0.01)	-0.035	0.022	0.119	-0.04 (-0.08, 0.01)
4785_30	SERPINA6	P08185	211	0.005	0.012	0.680	4.82e-03 (-0.02, 0.03)	0.854	0.272	-0.036	0.024	0.136	-0.04 (-0.08, 0.01)	0.003	0.050	-0.010	0.020	0.606	-0.01 (-0.05, 0.03)	-0.015	0.023	0.523	-0.01 (-0.06, 0.03)
8565_160	PLVAP	Q9BX97	211	-0.005	0.013	0.680	-0.01 (-0.03, 0.02)	0.854	0.009	-0.053	0.026	0.041	-0.05 (-0.10, -2.40e-0	0.003	0.034	-0.028	0.019	0.144	-0.03 (-0.06, 0.01)	-0.059	0.024	0.017	-0.06 (-0.11, -0.01)
17677_47	CD160	O95971	211	0.006	0.014	0.681	0.01 (-0.02, 0.03)	0.854	5.66E-05	-0.043	0.026	0.109	-0.04 (-0.09, 0.01)	0.003	0.035	0.001	0.024	0.969	9.23e-04 (-0.05, 0.0	0.011	0.022	0.629	0.01 (-0.03, 0.05)
13459_30	TOR4A	Q9NXH8	211	0.005	0.012	0.681	4.83e-03 (-0.02, 0.03)	0.854	0.502	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)	0.003	0.043	-0.019	0.022	0.389	-0.02 (-0.06, 0.02)	-0.017	0.021	0.415	-0.02 (-0.06, 0.02)
10760_107	GRIA4	P48058	211	0.006	0.014	0.681	0.01 (-0.02, 0.03)	0.854	5.17E-05	-0.018	0.029	0.521	-0.02 (-0.07, 0.04)	0.002	0.327	0.019	0.025	0.455	0.02 (-0.03, 0.07)	0.014	0.025	0.589	0.01 (-0.04, 0.06)
11205_10	ITGB7	P26010	211	0.005	0.013	0.681	0.01 (-0.02, 0.03)	0.854	0.023	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	-0.038	0.019	0.052	-0.04 (-0.08, 2.92e-	-0.065	0.026	0.011	-0.07 (-0.12, -0.02)
12595_11	TMOD1	P28289	211	-0.005	0.013	0.682	-0.01 (-0.03, 0.02)	0.854	0.016	-0.029	0.025	0.258	-0.03 (-0.08, 0.02)	0.001	0.283	-0.023	0.021	0.285	-0.02 (-0.06, 0.02)	-0.024	0.023	0.310	-0.02 (-0.07, 0.02)
13403_5	ETV5	P41161	211	0.005	0.012	0.682	4.76e-03 (-0.02, 0.03)	0.854	0.409	-0.043	0.023	0.065	-0.04 (-0.09, 2.34e-03	0.003	0.018	-0.036	0.021	0.086	-0.04 (-0.08, 0.01)	-0.026	0.023	0.271	-0.03 (-0.07, 0.02)
16836_1	CFHR3	Q02985	211	0.005	0.012	0.682	4.77e-03 (-0.02, 0.03)	0.854	0.345	-0.040	0.023	0.092	-0.04 (-0.09, 0.01)	0.003	0.029	-0.010	0.019	0.605	-0.01 (-0.05, 0.03)	-0.036	0.025	0.153	-0.04 (-0.09, 0.01)
19252_67	PSMB2	P49721	211	-0.005	0.012	0.682	-4.79e-03 (-0.03, 0.02	0.854	0.268	-0.013	0.024	0.593	-0.01 (-0.06, 0.03)	0.001	0.699	-0.020	0.023	0.371	-0.02 (-0.06, 0.02)	-0.009	0.024	0.715	-0.01 (-0.06, 0.04)
19329_31	HIPK3	Q9H422	211	0.005	0.012	0.682	4.82e-03 (-0.02, 0.03)	0.854	0.060	-0.022	0.025	0.385	-0.02 (-0.07, 0.03)	0.002	0.220	-0.019	0.022	0.387	-0.02 (-0.06, 0.02)	-0.020	0.024	0.400	-0.02 (-0.07, 0.03)
5626_20	CTRC	Q99895	211	-0.006	0.014	0.682	-0.01 (-0.03, 0.02)	0.854	0.001	-0.044	0.027	0.106	-0.04 (-0.10, 0.01)	0.002	0.103	-0.029	0.021	0.157	-0.03 (-0.07, 0.01)	-0.032	0.026	0.219	-0.03 (-0.08, 0.02)
15466_30	COL9A1	P20849	211	-0.005	0.011	0.683	-4.67e-03 (-0.03, 0.02	0.855	0.314	-0.026	0.023	0.264	-0.03 (-0.07, 0.02)	0.001	0.288	-0.017	0.021	0.433	-0.02 (-0.06, 0.02)	-0.008	0.023	0.713	-0.01 (-0.05, 0.04)
3342_76	ABL2	P42684	211	-0.005	0.013	0.683	-0.01 (-0.03, 0.02)	0.855	0.034	-0.040	0.025	0.117	-0.04 (-0.09, 0.01)	0.002	0.114	-0.038	0.023	0.092	-0.04 (-0.08, 0.01)	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)
18386_36	GLRX	P35754	211	0.005	0.012	0.684	4.76e-03 (-0.02, 0.03)	0.855	0.173	-0.055	0.024	0.023	-0.05 (-0.10, -0.01)	0.004	0.004	-0.013	0.024	0.583	-0.01 (-0.06, 0.03)	-0.012	0.025	0.628	-0.01 (-0.06, 0.04)
18837_9	SGTB	Q96EQ0	211	0.005	0.012	0.683	4.78e-03 (-0.02, 0.03)	0.855	0.107	-0.034	0.024	0.162	-0.03 (-0.08, 0.01)	0.002	0.065	-0.024	0.024	0.313	-0.02 (-0.07, 0.02)	-0.019	0.022	0.388	-0.02 (-0.06, 0.02)
3473_78	MPL	P40238	211	-0.005	0.012	0.683	-4.80e-03 (-0.03, 0.02	0.855	0.180	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)	0.003	0.020	-0.032	0.019	0.093	-0.03 (-0.07, 0.01)	-0.040	0.024	0.097	-0.04 (-0.09, 0.01)
9802_27	PNPLA2	Q96AD5	211	0.005	0.013	0.684	0.01 (-0.02, 0.03)	0.855	0.012	-0.047	0.026	0.069	-0.05 (-0.10, 3.32e-03	0.003	0.019	-0.020	0.023	0.377	-0.02 (-0.07, 0.02)	-0.019	0.024	0.414	-0.02 (-0.07, 0.03)
11154_3	NFE2L1	Q14494	211	0.005	0.012	0.684	4.77e-03 (-0.02, 0.03)	0.855	0.182	-0.031	0.024	0.195	-0.03 (-0.08, 0.02)	0.002	0.084	-0.027	0.024	0.276	-0.03 (-0.07, 0.02)	-0.027	0.024	0.269	-0.03 (-0.08, 0.02)
18894_1	GPX2	P18283	211	0.005	0.013	0.684	0.01 (-0.02, 0.03)	0.855	0.003	-0.046	0.026	0.079	-0.05 (-0.10, 0.01)	0.003	0.023	-0.009	0.019	0.627	-0.01 (-0.05, 0.03)	-0.027	0.022	0.218	-0.03 (-0.07, 0.02)
12499_108	SH3GL2	Q99962	211	-0.005	0.013	0.685	-0.01 (-0.03, 0.02)	0.855	0.021	-0.039	0.026	0.140	-0.04 (-0.09, 0.01)	0.002	0.141	-0.064	0.020	0.002	-0.06 (-0.10, -0.02)	-0.063	0.026	0.015	-0.06 (-0.11, -0.01)
10612_18	PLOD3	O60568	211	-0.006	0.014	0.685	-0.01 (-0.03, 0.02)	0.855	0.003	-0.055	0.027	0.041	-0.06 (-0.11, -2.50e-0	0.003	0.034	-0.059	0.022	0.008	-0.06 (-0.10, -0.02)	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)
3038_9	CXCL11	O14625	211	-0.006	0.015	0.685	-0.01 (-0.04, 0.02)	0.855	1.90E-08	0.001	0.030	0.971	1.11e-03 (-0.06, 0.06)	0.000	0.781	0.008	0.022	0.705	0.01 (-0.03, 0.05)	0.000	0.022	0.999	2.26e-05 (-0.04, 0.04)
5897_58	GRP	P07492	211	0.005	0.012	0.686	4.81e-03 (-0.02, 0.03)	0.856	0.141	-0.028	0.025	0.254	-0.03 (-0.08, 0.02)	0.002	0.123	-0.030	0.022	0.179	-0.03 (-0.07, 0.01)	-0.021	0.023	0.381	-0.02 (-0.07, 0.03)
13556_28	HTR2A	P28223	211	0.005	0.012	0.688	4.74e-03 (-0.02, 0.03)	0.859	0.113	-0.044	0.025	0.076	-0.04 (-0.09, 4.39e-03	0.003	0.023	-0.011	0.020	0.584	-0.01 (-0.05, 0.03)	-0.025	0.022	0.250	-0.03 (-0.07, 0.02)
12538_19	RGS7	P49802	211	-0.006	0.014	0.689	-0.01 (-0.03, 0.02)	0.859	1.24E-05	-0.054	0.027	0.050	-0.05 (-0.11, -1.94e-0	0.003	0.042	-0.022	0.022	0.333	-0.02 (-0.07, 0.02)	-0.010	0.023	0.662	-0.01 (-0.05, 0.03)
13692_154	WISP1	O95388	211	0.005	0.012	0.689	4.94e-03 (-0.02, 0.03)	0.859	0.304	-0.015	0.025	0.554	-0.01 (-0.06, 0.03)	0.001	0.362	-0.017	0.020	0.396	-0.02 (-0.06, 0.02)	-0.020	0.023	0.377	-0.02 (-0.07, 0.02)
18387_7	ST13	P50502	211	0.005	0.013	0.689	0.01 (-0.02, 0.03)	0.859	0.022	-0.036	0.025	0.160	-0.04 (-0.08, 0.01)	0.003	0.063	-0.036	0.023	0.109	-0.04 (-0.08, 0.01)	-0.033	0.022	0.135	-0.03 (-0.08, 0.01)
9271_101	STIM1	Q13586	211	0.005	0.013	0.689	0.01 (-0.02, 0.03)	0.859	0.004	-0.071	0.026	0.007	-0.07 (-0.12, -0.02)	0.005	0.001	-0.021	0.023	0.349	-0.02 (-0.07, 0.02)	-0.014	0.025	0.586	-0.01 (-0.06, 0.04)
9773_15	RNF149	Q8NC42	211	0.005	0.013	0.689	0.01 (-0.02, 0.03)	0.859	0.035	-0.055	0.025	0.030	-0.05 (-0.10, -0.01)	0.004	0.006	-0.008	0.020	0.677	-0.01 (-0.05, 0.03)	-0.024	0.025	0.338	-0.02 (-0.07, 0.02)
11228_37	RIC3	Q7Z5B4	211	0.005	0.013	0.690	0.01 (-0.02, 0.03)	0.859	0.007	-0.068	0.025	0.008	-0.07 (-0.12, -0.02)	0.005	0.001	-0.023	0.021	0.278	-0.02 (-0.06, 0.02)	-0.025	0.022	0.259	-0.02 (-0.07, 0.02)
12453_161	NXF1	Q9UBU9	211	0.005	0.012	0.690	4.62e-03 (-0.02, 0.03)	0.859	0.065	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)	0.002	0.107	-0.013	0.022	0.559	-0.01 (-0.06, 0.03)	-0.009	0.025	0.714	-0.01 (-0.06, 0.04)
18927_14	RAET1G	Q6H3X3	211	-0.005	0.013	0.690	-0.01 (-0.03, 0.02)	0.859	0.005	-0.065	0.026	0.013	-0.06 (-0.12, -0.01)	0.004	0.009	-0.039	0.021	0.065	-0.04 (-0.08, 2.43e-	-0.038	0.024	0.125	-0.04 (-0.09, 0.01)
12764_3	ELMO1	Q92556	211	-0.005	0.012	0.691	-4.59e-03 (-0.03, 0.02	0.860	0.216	-0.013	0.024	0.593	-0.01 (-0.06, 0.03)	0.001	0.693	-0.037	0.021	0.078	-0.04 (-0.08, 4.11e-	-0.035	0.023	0.130	-0.04 (-0.08, 0.01)
15617_8	XCL2	Q9UBD3	211	0.005	0.013	0.692	0.01 (-0.02, 0.03)	0.860	0.005	-0.035	0.026	0.184	-0.03 (-0.09, 0.02)	0.003	0.076	-0.031	0.022	0.163	-0.03 (-0.08, 0.01)	-0.030	0.025	0.220	-0.03 (-0.08, 0.02)
3321_2	IL24	Q13007	211	-0.005	0.012	0.691	-4.61e-03 (-0.03, 0.02	0.860	0.272	-0.037	0.024	0.116	-0.04 (-0.08, 0.01)	0.002	0.111	-0.024	0.022	0.279	-0.02 (-0.07, 0.02)	-0.023	0.024	0.343	-0.02 (-0.07, 0.02)
6921_24	B4GALT3	O60512	211	0.005	0.012	0.692	4.66e-03 (-0.02, 0.03)	0.860	0.233	-0.059	0.024	0.014	-0.06 (-0.10, -0.01)	0.004	0.002	-0.027	0.019	0.156	-0.03 (-0.07, 0.01)	-0.027	0.024	0.250	-0.03 (-0.07, 0.02)
7981_230	B3GALT6	Q96L58	211	-0.005	0.013	0.692	-0.01 (-0.03, 0.02)	0.860	0.038	-0.052	0.025	0.039	-0.05 (-0.10, -3.05e-0	0.003	0.031	-0.020	0.022	0.366	-0.02 (-0.06, 0.02)	-0.025	0.023	0.280	-0.02 (-0.07, 0.02)
8382_47	MAPKAPK	Q8IW41	211	0.005	0.012	0.692	4.80e-03 (-0.02, 0.03)	0.860	1.25E-05	-0.019	0.024	0.435	-0.02 (-0.07, 0.03)	0.001	0.259	-0.006	0.020	0.770	-0.01 (-0.05, 0.03)	-0.001	0.020	0.951	-1.22e-03 (-0.04, 0.04)
9081_39	SLC30A3	Q99726	211	0.006	0.014	0.692	0.01 (-0.02, 0.03)	0.860	1.50E-04	-0.062	0.028	0.028	-0.06 (-0.12, -0.01)	0.004	0.006	-0.015	0.023	0.522	-0.01 (-0.06, 0.03)	-0.003	0.027	0.903	-3.29e-03 (-0.06, 0.05)
9964_10	MYZAP	P0CAP1	211	0.005	0.012	0.691	4.57e-03 (-0.02, 0.03)	0.860	0.101	-0.047	0.024	0.050	-0.05 (-0.09, -3.52e-0	0.003	0.013	-0.023	0.024	0.330	-0.02 (-0.07, 0.02)	-0.030	0.024	0.210	-0.03 (-0.08, 0.02)
15530_33	EPHB4	P54760	211	-0.005	0.014	0.692	-0.01 (-0.03, 0.02)	0.860	0.007	-0.009	0.027	0.743	-0.01 (-0.06, 0.04)	0.000	0.881	-0.030	0.025	0.230	-0.03 (-0.08, 0.02)	-0.026	0.026	0.320	-0.03 (-0.08, 0.03)
13435_31	IL20RB	Q6UXL0	211	0.005	0.013	0.693	5.00e-03 (-0.02, 0.03)	0.861	0.026	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	0.001	0.444	0.005	0.024	0.843	4.77e-03 (-0.04, 0.0	0.000	0.025	0.993	2.28e-04 (-0.05, 0.05)
10370_21	STAT1	P42224	211	-0.005	0.012	0.693	-4.70e-03 (-0.03, 0.02	0.861	0.200	-0.027	0.025	0.278	-0.03 (-0.07, 0.02)	0.001	0.301	-0.028	0.021	0.197	-0.03 (-0.07, 0.01)	-0.026	0.023	0.263	-0.03 (-0.07, 0.02)
11540_37	FOXO3	O43524	211	-0.005	0.012	0.694	-4.68e-03 (-0.03, 0.02	0.861	0.060	-0.031	0.025	0.227	-0.03 (-0.08, 0.02)	0.002	0.236	-0.031	0.021	0.146	-0.03 (-0.07, 0.01)	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)
2743_5	SHH	Q15465	211	-0.005	0.014	0.693	-0.01 (-0.03, 0.02)	0.861	0.012	0.012	0.027	0.673	0.01 (-0.04, 0.06)	-0.001	0.473	-0.014	0.026	0.594	-0.01 (-0.06, 0.04)	-0.008	0.028	0.783	-0.01 (-0.06, 0.05)
8389_8	LRRC74A	Q0VAA2	211	0.005	0.013	0.694	0.01 (-0.02, 0.03)	0.861	0.005	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)	0.005	0.001	-0.021	0.022	0.328	-0.02 (-0.06, 0.02)	-0.024	0.025	0.328	-0.02 (-0.07, 0.02)
11544_39	PHF3	Q92576	211	0.005	0.013	0.694	0.01 (-0.02, 0.03)	0.861	0.006	-0.043	0.026	0.095	-0.04 (-0.09, 0.01)	0.003	0.031	-0.025	0.021	0.240	-0.03 (-0.07, 0.02)	-0.025	0.024	0.295	-0.03 (-0.07, 0.02)
13229_20	MDM4	O15151	211	0.005	0.012	0.694	4.65e-03 (-0.02, 0.03)	0.861	0.433	-0.030	0.023	0.205	-0.03 (-0.08, 0.02)	0.002	0.090	-0.006	0.024	0.801	-0.01 (-0.05, 0.04)	-0.009	0.024	0.715	-0.01 (-0.06, 0.04)
16288_17	EPHA4	P54764	211	0.006	0.014	0.694	0.01 (-0.02, 0.03)	0.861	2.54E-04	0.037	0.028	0.179	0.04 (-0.02, 0.09)	-0.002	0.185	-0.024	0.023	0.286	-0.02 (-0.07, 0.02)	-0.008	0.026	0.748	-0.01 (-0.06, 0.04)
5598_3	GREM2	Q9H772	211	-0.005	0.014	0.695	-0.01 (-0.03, 0.02)	0.861	0.007	-0.037	0.027	0.178	-0.04 (-0.09, 0.02)	0.002	0.184	-0.023	0.026	0.388	-0.02 (-0.07, 0.03)	-0.008	0.027	0.767	-0.01 (-0.06, 0.05)
4829_43	SFN	P31947	211	0.005	0.014	0.695	0.01 (-0.02, 0.03)	0.861	0.001	0.000	0.027	0.995	1.76e-04 (-0.05, 0.05)	0.000	0.825	0.004	0.026	0.873	4.13e-03 (-0.05, 0.0	0.003	0.024	0.887	3.44e-03 (-0.04, 0.05)
19152_4	PPP1R2	P41236	211	0.005	0.014	0.695	0.01 (-0.02, 0.03)	0.862	1.09E-04	-0.022	0.028	0.425	-0.02 (-0.08, 0.03)	0.002	0.249	-0.005	0.021	0.802	-0.01 (-0.05, 0.04)	-0.014	0.025	0.579	-0.01 (-0.06, 0.03)
19243_2	PFDN2	Q9UHV9	211	-0.005	0.012	0.695	-4.61e-03 (-0.03, 0.02	0.862	0.064	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.005	-0.043	0.020	0.028	-0.04 (-0.08, -4.79e	-0.052	0.024	0.035	-0.05 (-0.10, -3.97e-03)
16850_5	RGS5	O15539	211	0.005	0.012	0.696	4.63e-03 (-0.02, 0.03)	0.862	0.173	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)	0.004	0.002	-0.014	0.020	0.479	-0.01 (-0.05, 0.03)	-0.025	0.023	0.271	-0.03 (-0.07, 0.02)
13044_5	TSG101	Q99816	211	-0.005	0.013	0.697	-0.01 (-0.03, 0.02)	0.863	0.029	-0.040	0.026	0.115	-0.04 (-0.09, 0.01)	0.002	0.110	-0.047	0.020	0.018	-0.05 (-0.09, -0.01)	-0.057	0.024	0.020	-0.06 (-0.10, -0.01)
19374_72	MTCP1	P56278	211	0.005	0.012	0.698	4.62e-03 (-0.02, 0.03)	0.863	0.098	-0.063	0.025	0.011	-0.06 (-0.11, -0.01)	0.004	0.002	-0.014	0.024	0.562	-0.01 (-0.06, 0.03)	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)
9022_49	DEFB132	Q7Z7B7	211	0.005	0.014	0.698	0.01 (-0.02, 0.03)	0.863	0.001	-0.066	0.027	0.015	-0.07 (-0.12, -0.01)	0.004	0.002	-0.020	0.024	0.409	-0.02 (-0.07, 0.03)	-0.015	0.023	0.517	-0.01 (-0.06, 0.03)
12458_79	CHP1	Q99653	211	0.004	0.012	0.699	4.46e-03 (-0.02, 0.03)	0.864	0.085	-0.054	0.024	0.025	-0.05 (-0.10, -0.01)	0.004	0.005	-0.029	0.022	0.197	-0.03 (-0.07, 0.01)	-0.017	0.023	0.456	-0.02 (-0.06, 0.03)
13577_25	U2AF2	P26368	211	0.004	0.012	0.699	4.47e-03 (-0.02, 0.03)	0.864	0.840	-0.023	0.023	0.312	-0.02 (-0.07, 0.02)	0.002	0.163	-0.015	0.021	0.467	-0.02 (-0.06, 0.03)	-0.026	0.024	0.275	-0.03 (-0.07, 0.02)
4851_25	IL1A	P01583	211	0.004	0.012	0.699	4.49e-03 (-0.02, 0.03)	0.864	0.200	-0.027	0.024	0.259	-0.03 (-0.07, 0.02)	0.002	0.128	-0.016	0.022	0.455	-0.02 (-0.06, 0.03)	-0.008	0.023	0.718	-0.01 (-0.05, 0.04)
8345_27	GPX7	Q96SL4	211	-0.005	0.012	0.699	-4.60e-03 (-0.03, 0.02	0.864	0.189	-0.028	0.025	0.259	-0.03 (-0.08, 0.02)	0.001	0.275	-0.035	0.022	0.104	-0.04 (-0.08, 0.01)	-0.040	0.025	0.111	-0.04 (-0.09, 0.01)
8606_39	GPNMB	Q14956	211	0.006	0.016	0.699	0.01 (-0.02, 0.04)	0.864	4.78E-09	0.025	0.031	0.419	0.02 (-0.04, 0.09)	-0.001	0.477	0.028	0.024	0.237	0.03 (-0.02, 0.07)	0.027	0.024	0.279	0.03 (-0.02, 0.07)
9906_21	SPOCK3	Q9BQ16	211	-0.005	0.014	0.699	-0.01 (-0.03, 0.02)	0.864	4.26E-05	-0.043	0.028	0.120	-0.04 (-0.10, 0.01)	0.002	0.115	-0.024	0.024	0.323	-0.02 (-0.07, 0.02)	-0.025	0.025	0.318	-0.02 (-0.07, 0.02)
8245_27	ICAM5	Q9UMF0	211	0.005	0.014	0.700	0.01 (-0.02, 0.03)	0.864	2.29E-04	0.062	0.028	0.026	0.06 (0.01, 0.12)	-0.004	0.019	0.045	0.023	0.048	0.05 (4.00e-04, 0.0	0.042	0.024	0.080	0.04 (-4.83e-03, 0.09)
10001_7	RAF1	P04049	211	-0.005	0.013	0.702	-4.91e-03 (-0.03, 0.02	0.865	0.041	-0.044	0.025	0.081	-0.04 (-0.09, 0.01)	0.002	0.072	-0.041	0.021	0.051	-0.04 (-0.08, 2.41e-	-0.046	0.026	0.083	-0.05 (-0.10, 0.01)
11180_17	SMARCC1	Q92922	211	0.005	0.013	0.702	4.95e-03 (-0.02, 0.03)	0.865	0.011	-0.046	0.025	0.073	-0.05 (-0.10, 3.99e-03	0.003	0.022	-0.009	0.023	0.688	-0.01 (-0.05, 0.04)	-0.006	0.023	0.784	-0.01 (-0.05, 0.04)
12583_77	ARAF	P10398	211	-0.005	0.013	0.701	-4.89e-03 (-0.03, 0.02	0.865	0.021	-0.007	0.025	0.773	-0.01 (-0.06, 0.04)	0.000	0.911	-0.032	0.023	0.170	-0.03 (-0.08, 0.01)	-0.037	0.022	0.103	-0.04 (-0.08, 0.01)
17698_15	WBP2	Q969T9	211	-0.004	0.012	0.701	-4.44e-03 (-0.03, 0.02	0.865	0.059	-0.041	0.025	0.095	-0.04 (-0.09, 0.01)	0.002	0.084	-0.032	0.020	0.117	-0.03 (-0.07, 0.01)	-0.040	0.023	0.088	-0.04 (-0.08, 0.01)
18182_24	PCK1	P35558	211	0.005	0.014	0.700	0.01 (-0.02, 0.03)	0.865	4.82E-05	-0.059	0.028	0.034	-0.06 (-0.11, -4.94e-0	0.004	0.007	-0.016	0.024	0.491	-0.02 (-0.06, 0.03)	-0.006	0.023	0.809	-0.01 (-0.05, 0.04)
18839_24	TG	P01266	211	-0.005	0.012	0.702	-4.52e-03 (-0.03, 0.02	0.865	0.195	-0.019	0.025	0.445	-0.02 (-0.07, 0.03)	0.001	0.503	-0.009	0.025	0.718	-0.01 (-0.06, 0.04)	-0.022	0.025	0.370	-0.02 (-0.07, 0.03)
19294_26	CRIPT	Q9P021	211	-0.005	0.014	0.701	-0.01 (-0.03, 0.02)	0.865	2.55E-04	-0.075	0.027	0.006	-0.07 (-0.13, -0.02)	0.004	0.003	-0.017	0.024	0.479	-0.02 (-0.06, 0.03)	-0.017	0.023	0.447	-0.02 (-0.06, 0.03)
19587_12	KPNA1	P52294	211	0.005	0.012	0.701	4.54e-03 (-0.02, 0.03)	0.865	0.052	-0.033	0.025	0.196	-0.03 (-0.08, 0.02)	0.002	0.088	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)	-0.005	0.022	0.828	-4.89e-03 (-0.05, 0.04)
4925_54	MMP13	P45452	211	0.004	0.012	0.701	4.46e-03 (-0.02, 0.03)	0.865	0.397	-0.042	0.023	0.072	-0.04 (-0.09, 3.57e-03	0.003	0.022	-0.004	0.019	0.841	-3.73e-03 (-0.04, 0.	-0.014	0.022	0.523	-0.01 (-0.06, 0.03)
6478_2	IGLON5	A6NGN9	211	0.006	0.016	0.702	0.01 (-0.03, 0.04)	0.865	5.06E-12	0.102	0.031	0.001	0.10 (0.04, 0.16)	-0.006	4.47E-04	0.044	0.023	0.051	0.04 (-1.01e-04, 0.0	0.038	0.025	0.133	0.04 (-0.01, 0.09)
6612_90	BRICD5	Q6PL45	211	-0.005	0.012	0.701	-4.54e-03 (-0.03, 0.02	0.865	0.163	-0.066	0.024	0.007	-0.07 (-0.11, -0.02)	0.004	0.003	-0.030	0.020	0.128	-0.03 (-0.07, 0.01)	-0.043	0.023	0.065	-0.04 (-0.09, 2.37e-03)
9068_17	JAKMIP3	Q5VZ66	211	0.004	0.011	0.702	4.39e-03 (-0.02, 0.03)	0.865	0.091	-0.040	0.024	0.101	-0.04 (-0.09, 0.01)	0.003	0.035	-0.015	0.019	0.436	-0.01 (-0.05, 0.02)	-0.021	0.022	0.334	-0.02 (-0.06, 0.02)
9598_23	CSMD1	Q96PZ7	211	0.005	0.013	0.701	0.01 (-0.02, 0.03)	0.865	0.004	-0.044	0.026	0.096	-0.04 (-0.10, 0.01)	0.003	0.032	-0.030	0.022	0.179	-0.03 (-0.07, 0.01)	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)
9730_22	GHDC	Q8N2G8	211	0.004	0.012	0.701	4.43e-03 (-0.02, 0.03)	0.865	0.531	-0.043	0.023	0.063	-0.04 (-0.09, 2.02e-03	0.003	0.018	-0.021	0.021	0.330	-0.02 (-0.06, 0.02)	-0.022	0.022	0.331	-0.02 (-0.06, 0.02)
19310_81	COPE	O14579	211	0.004	0.012	0.703	4.50e-03 (-0.02, 0.03)	0.865	0.455	-0.040	0.023	0.090	-0.04 (-0.09, 0.01)	0.003	0.029	-0.016	0.021	0.453	-0.02 (-0.06, 0.03)	-0.007	0.023	0.759	-0.01 (-0.05, 0.04)
3640_14	LRPAP1	P30533	211	0.006	0.015	0.704	0.01 (-0.02, 0.03)	0.866	2.86E-07	-0.039	0.029	0.184	-0.04 (-0.10, 0.02)	0.003	0.079	-0.019	0.020	0.350	-0.02 (-0.06, 0.02)	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)
11297_54	NOTCH2	Q04721	211	0.004	0.012	0.704	4.38e-03 (-0.02, 0.03)	0.866	0.479	-0.016	0.023	0.489	-0.02 (-0.06, 0.03)	0.001	0.309	-0.001	0.025	0.983	-5.28e-04 (-0.05, 0.	-0.007	0.025	0.789	-0.01 (-0.06, 0.04)
12957_62	UQCRB	P14927	211	0.004	0.012	0.704	4.46e-03 (-0.02, 0.03)	0.866	0.102	-0.050	0.024	0.043	-0.05 (-0.10, -1.76e-0	0.003	0.011	-0.021	0.021	0.315	-0.02 (-0.06, 0.02)	-0.019	0.023	0.397	-0.02 (-0.06, 0.03)
12573_80	TRIM3	O75382	211	-0.005	0.013	0.705	-4.92e-03 (-0.03, 0.02	0.866	0.042	-0.027	0.026	0.291	-0.03 (-0.08, 0.02)	0.001	0.317	-0.034	0.021	0.098	-0.03 (-0.07, 0.01)	-0.035	0.024	0.147	-0.04 (-0.08, 0.01)
3312_64	FCGR1A	P12314	211	0.005	0.013	0.705	4.82e-03 (-0.02, 0.03)	0.867	0.028	-0.032	0.025	0.200	-0.03 (-0.08, 0.02)	0.002	0.089	-0.025	0.022	0.261	-0.03 (-0.07, 0.02)	-0.021	0.026	0.419	-0.02 (-0.07, 0.03)
12726_3	RFXAP	O00287	211	0.005	0.013	0.706	4.85e-03 (-0.02, 0.03)	0.867	0.027	-0.028	0.025	0.265	-0.03 (-0.08, 0.02)	0.002	0.131	-0.013	0.019	0.489	-0.01 (-0.05, 0.02)	-0.018	0.024	0.461	-0.02 (-0.06, 0.03)
4396_54	IFNL1	Q8IU54	211	-0.005	0.013	0.706	-4.91e-03 (-0.03, 0.02	0.867	0.043	-0.032	0.026	0.214	-0.03 (-0.08, 0.02)	0.002	0.223	-0.047	0.022	0.030	-0.05 (-0.09, -4.46e	-0.047	0.026	0.068	-0.05 (-0.10, 3.28e-03)
16899_59	OSBPL9	Q96SU4	211	-0.005	0.013	0.706	-4.84e-03 (-0.03, 0.02	0.868	0.026	-0.074	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.002	-0.033	0.024	0.163	-0.03 (-0.08, 0.01)	-0.034	0.022	0.122	-0.03 (-0.08, 0.01)
13937_75	CAND1	Q86VP6	211	0.005	0.013	0.707	4.98e-03 (-0.02, 0.03)	0.868	0.012	-0.044	0.026	0.095	-0.04 (-0.09, 0.01)	0.003	0.032	-0.015	0.020	0.433	-0.02 (-0.05, 0.02)	-0.031	0.025	0.224	-0.03 (-0.08, 0.02)
5627_53	GNRH1	P01148	211	-0.004	0.012	0.707	-4.45e-03 (-0.03, 0.02	0.868	0.076	-0.038	0.025	0.131	-0.04 (-0.09, 0.01)	0.002	0.122	-0.030	0.024	0.225	-0.03 (-0.08, 0.02)	-0.026	0.022	0.230	-0.03 (-0.07, 0.02)
8231_122	FLT1	P17948	211	-0.005	0.014	0.707	-0.01 (-0.03, 0.02)	0.868	0.023	0.021	0.027	0.442	0.02 (-0.03, 0.07)	-0.002	0.269	0.005	0.026	0.856	4.71e-03 (-0.05, 0.0	0.003	0.031	0.933	2.57e-03 (-0.06, 0.06)
8569_147	ARL8B	Q9NVJ2	211	0.004	0.012	0.707	4.43e-03 (-0.02, 0.03)	0.868	0.492	-0.044	0.023	0.062	-0.04 (-0.09, 1.92e-03	0.003	0.017	-0.022	0.023	0.325	-0.02 (-0.07, 0.02)	-0.023	0.023	0.329	-0.02 (-0.07, 0.02)
17231_1	LCP1	P13796	211	0.005	0.014	0.707	0.01 (-0.02, 0.03)	0.868	1.30E-04	-0.045	0.028	0.117	-0.04 (-0.10, 0.01)	0.003	0.042	-0.013	0.024	0.598	-0.01 (-0.06, 0.03)	-0.001	0.025	0.969	-9.70e-04 (-0.05, 0.05)
6947_4	ST3GAL6	Q9Y274	211	-0.005	0.013	0.707	-0.01 (-0.03, 0.02)	0.868	1.90E-10	0.007	0.025	0.777	0.01 (-0.04, 0.06)	-0.001	0.568	0.000	0.021	0.989	2.97e-04 (-0.04, 0.0	0.000	0.019	0.980	5.00e-04 (-0.04, 0.04)
5957_30	SST	P61278	211	-0.005	0.013	0.708	-4.85e-03 (-0.03, 0.02	0.868	0.017	-0.024	0.026	0.358	-0.02 (-0.07, 0.03)	0.001	0.397	-0.034	0.023	0.135	-0.03 (-0.08, 0.01)	-0.023	0.024	0.334	-0.02 (-0.07, 0.02)
9241_40	SIRPG	Q9P1W8	211	0.004	0.012	0.708	4.44e-03 (-0.02, 0.03)	0.868	0.185	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)	0.003	0.027	-0.018	0.023	0.431	-0.02 (-0.06, 0.03)	-0.014	0.024	0.555	-0.01 (-0.06, 0.03)
10716_35	PSMD5	Q16401	211	0.004	0.011	0.708	4.30e-03 (-0.02, 0.03)	0.868	0.063	-0.022	0.024	0.359	-0.02 (-0.07, 0.03)	0.002	0.206	-0.012	0.021	0.562	-0.01 (-0.05, 0.03)	-0.016	0.025	0.515	-0.02 (-0.06, 0.03)
11542_11	TMEM230	Q96A57	211	-0.004	0.012	0.708	-4.42e-03 (-0.03, 0.02	0.868	0.157	-0.051	0.024	0.037	-0.05 (-0.10, -3.27e-0	0.003	0.028	-0.031	0.025	0.216	-0.03 (-0.08, 0.02)	-0.037	0.027	0.167	-0.04 (-0.09, 0.02)
12923_51	KRT17	Q04695	211	0.005	0.013	0.708	4.76e-03 (-0.02, 0.03)	0.868	0.028	-0.057	0.025	0.023	-0.06 (-0.11, -0.01)	0.004	0.005	-0.028	0.020	0.165	-0.03 (-0.07, 0.01)	-0.025	0.022	0.272	-0.02 (-0.07, 0.02)
18921_30	PHEX	P78562	211	-0.004	0.012	0.709	-4.41e-03 (-0.03, 0.02	0.868	0.266	-0.007	0.024	0.762	-0.01 (-0.05, 0.04)	0.000	0.889	-0.014	0.021	0.521	-0.01 (-0.06, 0.03)	-0.003	0.023	0.906	-2.68e-03 (-0.05, 0.04)
7934_11	NDRG4	Q9ULP0	211	0.005	0.013	0.709	4.80e-03 (-0.02, 0.03)	0.869	0.022	-0.079	0.025	0.002	-0.08 (-0.13, -0.03)	0.005	1.20E-04	-0.024	0.021	0.261	-0.02 (-0.06, 0.02)	-0.022	0.024	0.371	-0.02 (-0.07, 0.03)
12381_26	CBR1	P16152	211	0.004	0.012	0.711	4.43e-03 (-0.02, 0.03)	0.869	0.230	-0.008	0.025	0.740	-0.01 (-0.06, 0.04)	0.001	0.554	0.014	0.023	0.544	0.01 (-0.03, 0.06)	0.004	0.024	0.858	4.32e-03 (-0.04, 0.05)
14688_6	PTPN7	P35236	211	-0.005	0.013	0.710	-4.79e-03 (-0.03, 0.02	0.869	0.027	-0.043	0.025	0.092	-0.04 (-0.09, 0.01)	0.002	0.083	-0.045	0.022	0.038	-0.05 (-0.09, -2.42e	-0.051	0.025	0.041	-0.05 (-0.10, -2.39e-03)
17729_20	UBE2S	Q16763	211	0.004	0.012	0.710	4.36e-03 (-0.02, 0.03)	0.869	0.099	-0.042	0.025	0.085	-0.04 (-0.09, 0.01)	0.003	0.028	-0.030	0.019	0.118	-0.03 (-0.07, 0.01)	-0.051	0.024	0.035	-0.05 (-0.10, -3.93e-03)
18318_98	SH3GL3	Q99963	211	-0.005	0.013	0.711	-4.94e-03 (-0.03, 0.02	0.869	0.019	-0.038	0.026	0.155	-0.04 (-0.09, 0.01)	0.002	0.153	-0.055	0.020	0.007	-0.05 (-0.09, -0.01)	-0.062	0.026	0.018	-0.06 (-0.11, -0.01)
7770_25	NFU1	Q9UMS0	211	-0.004	0.012	0.710	-4.38e-03 (-0.03, 0.02	0.869	0.400	-0.037	0.024	0.114	-0.04 (-0.08, 0.01)	0.002	0.106	-0.031	0.019	0.113	-0.03 (-0.07, 0.01)	-0.029	0.022	0.202	-0.03 (-0.07, 0.02)
19253_82	RAB2B	Q8WUD1	211	0.004	0.012	0.711	4.33e-03 (-0.02, 0.03)	0.869	0.062	-0.020	0.025	0.422	-0.02 (-0.07, 0.03)	0.002	0.259	-0.028	0.022	0.200	-0.03 (-0.07, 0.01)	-0.027	0.023	0.234	-0.03 (-0.07, 0.02)
10675_223	TMX2	Q9Y320	211	0.005	0.013	0.712	4.89e-03 (-0.02, 0.03)	0.870	0.003	-0.053	0.026	0.041	-0.05 (-0.10, -2.61e-0	0.004	0.010	-0.018	0.023	0.435	-0.02 (-0.06, 0.03)	-0.005	0.024	0.829	-0.01 (-0.05, 0.04)
11116_16	C11orf87	Q6NUJ2	211	-0.006	0.016	0.712	-0.01 (-0.04, 0.03)	0.870	1.69E-10	-0.057	0.031	0.067	-0.06 (-0.12, 3.75e-03	0.003	0.057	-0.010	0.024	0.689	-0.01 (-0.06, 0.04)	-0.017	0.024	0.477	-0.02 (-0.06, 0.03)
19316_2	HSCB	Q8IWL3	211	0.005	0.014	0.712	0.01 (-0.02, 0.03)	0.870	0.002	-0.061	0.027	0.023	-0.06 (-0.11, -0.01)	0.004	0.004	-0.016	0.023	0.482	-0.02 (-0.06, 0.03)	-0.005	0.025	0.837	-0.01 (-0.05, 0.04)
19518_12	HK3	P52790	211	-0.004	0.012	0.712	-4.31e-03 (-0.03, 0.02	0.870	0.072	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)	0.004	0.003	-0.016	0.024	0.497	-0.02 (-0.06, 0.03)	-0.024	0.024	0.317	-0.02 (-0.07, 0.02)
2876_74	TOP1	P11387	211	-0.005	0.013	0.712	-4.70e-03 (-0.03, 0.02	0.870	0.049	-0.058	0.025	0.022	-0.06 (-0.11, -0.01)	0.003	0.015	-0.038	0.021	0.071	-0.04 (-0.08, 3.30e-	-0.040	0.023	0.083	-0.04 (-0.09, 0.01)
5404_53	TNFRSF21	O75509	211	0.005	0.015	0.712	0.01 (-0.02, 0.03)	0.870	1.95E-05	-0.006	0.029	0.831	-0.01 (-0.06, 0.05)	0.001	0.644	-0.012	0.026	0.638	-0.01 (-0.06, 0.04)	-0.002	0.027	0.942	-1.99e-03 (-0.06, 0.05)
18942_11	PSMB9	P28065	211	0.004	0.012	0.713	4.31e-03 (-0.02, 0.03)	0.870	0.191	-0.033	0.024	0.178	-0.03 (-0.08, 0.01)	0.002	0.078	-0.014	0.023	0.554	-0.01 (-0.06, 0.03)	-0.010	0.022	0.636	-0.01 (-0.05, 0.03)
4126_22	BPI	P17213	211	-0.005	0.012	0.713	-4.58e-03 (-0.03, 0.02	0.870	0.055	-0.061	0.026	0.022	-0.06 (-0.11, -0.01)	0.004	0.014	-0.034	0.021	0.100	-0.03 (-0.08, 0.01)	-0.055	0.026	0.040	-0.05 (-0.11, -2.70e-03)
7020_13	CHST5	Q9GZS9	211	-0.004	0.011	0.713	-4.22e-03 (-0.03, 0.02	0.870	0.558	-0.014	0.023	0.544	-0.01 (-0.06, 0.03)	0.001	0.626	-0.029	0.022	0.193	-0.03 (-0.07, 0.01)	-0.022	0.024	0.348	-0.02 (-0.07, 0.02)
18914_188	PAFAH2	Q99487	211	-0.004	0.012	0.714	-4.30e-03 (-0.03, 0.02	0.870	0.065	-0.029	0.025	0.244	-0.03 (-0.08, 0.02)	0.002	0.250	-0.033	0.023	0.152	-0.03 (-0.08, 0.01)	-0.040	0.023	0.082	-0.04 (-0.08, 4.85e-03)
12856_14	TMEM237	Q96Q45	211	0.005	0.013	0.715	4.60e-03 (-0.02, 0.03)	0.871	0.048	-0.041	0.025	0.097	-0.04 (-0.09, 0.01)	0.003	0.033	-0.019	0.023	0.424	-0.02 (-0.06, 0.03)	-0.015	0.025	0.537	-0.02 (-0.06, 0.03)
17195_43	BAG1	Q99933	211	-0.005	0.013	0.716	-4.76e-03 (-0.03, 0.02	0.873	0.021	-0.039	0.026	0.137	-0.04 (-0.09, 0.01)	0.002	0.131	-0.042	0.022	0.053	-0.04 (-0.09, 5.09e-	-0.029	0.025	0.242	-0.03 (-0.08, 0.02)
11312_40	PMS2	P54278	211	0.004	0.012	0.717	4.28e-03 (-0.02, 0.03)	0.873	0.142	-0.073	0.024	0.002	-0.07 (-0.12, -0.03)	0.005	2.19E-04	-0.023	0.021	0.260	-0.02 (-0.06, 0.02)	-0.028	0.022	0.207	-0.03 (-0.07, 0.02)
11659_31	CLINT1	Q14677	211	-0.004	0.012	0.717	-4.31e-03 (-0.03, 0.02	0.873	0.149	-0.028	0.025	0.256	-0.03 (-0.08, 0.02)	0.002	0.266	-0.030	0.023	0.205	-0.03 (-0.08, 0.02)	-0.020	0.024	0.391	-0.02 (-0.07, 0.03)
2805_6	ACE2	Q9BYF1	211	0.005	0.013	0.717	4.80e-03 (-0.02, 0.03)	0.873	0.006	-0.042	0.026	0.108	-0.04 (-0.09, 0.01)	0.003	0.039	-0.010	0.019	0.617	-0.01 (-0.05, 0.03)	-0.016	0.025	0.530	-0.02 (-0.07, 0.03)
4153_11	SERPINA3	P01011	211	0.005	0.014	0.716	0.01 (-0.02, 0.03)	0.873	0.003	-0.005	0.028	0.861	-4.85e-03 (-0.06, 0.05	0.001	0.681	0.003	0.025	0.890	3.49e-03 (-0.05, 0.0	-0.005	0.026	0.856	-4.72e-03 (-0.06, 0.05)
2859_69	HDAC8	Q9BY41	211	-0.005	0.013	0.717	-4.85e-03 (-0.03, 0.02	0.873	0.005	-0.058	0.026	0.029	-0.06 (-0.11, -0.01)	0.003	0.021	-0.035	0.021	0.092	-0.04 (-0.08, 0.01)	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)
5131_15	TNFRSF19	Q9NS68	211	0.004	0.012	0.717	4.25e-03 (-0.02, 0.03)	0.873	0.062	-0.017	0.025	0.503	-0.02 (-0.07, 0.03)	0.001	0.332	-0.025	0.023	0.289	-0.02 (-0.07, 0.02)	-0.032	0.026	0.217	-0.03 (-0.08, 0.02)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
8686_342	C11orf73	Q53FT3	211	0.004	0.012	0.718	4.27e-03 (-0.02, 0.03)	0.873	0.291	-0.056	0.024	0.018	-0.06 (-0.10, -0.01)	0.004	0.003	-0.031	0.021	0.148	-0.03 (-0.07, 0.01)	-0.025	0.022	0.265	-0.03 (-0.07, 0.02)
10496_11	CLCA1	A8K7I4	211	-0.004	0.012	0.719	-4.15e-03 (-0.03, 0.02	0.875	0.315	-0.037	0.023	0.118	-0.04 (-0.08, 0.01)	0.002	0.108	-0.052	0.019	0.007	-0.05 (-0.09, -0.01)	-0.056	0.023	0.015	-0.06 (-0.10, -0.01)
11486_26	ZNF174	Q15697	211	0.004	0.012	0.721	4.13e-03 (-0.02, 0.03)	0.876	0.214	-0.048	0.024	0.041	-0.05 (-0.09, -2.28e-0	0.003	0.010	-0.025	0.022	0.249	-0.02 (-0.07, 0.02)	-0.022	0.022	0.335	-0.02 (-0.07, 0.02)
13240_170	SHANK1	Q9Y566	211	0.004	0.012	0.721	4.17e-03 (-0.02, 0.03)	0.876	0.578	-0.009	0.023	0.712	-0.01 (-0.05, 0.04)	0.001	0.526	-0.028	0.021	0.186	-0.03 (-0.07, 0.01)	-0.035	0.026	0.189	-0.03 (-0.09, 0.02)
16536_3	HMGA1	P17096	211	0.005	0.013	0.721	4.50e-03 (-0.02, 0.03)	0.876	0.042	-0.037	0.025	0.134	-0.04 (-0.09, 0.01)	0.003	0.052	-0.026	0.023	0.266	-0.03 (-0.07, 0.02)	-0.020	0.025	0.434	-0.02 (-0.07, 0.03)
16610_13	LRP10	Q7Z4F1	211	0.004	0.012	0.721	4.28e-03 (-0.02, 0.03)	0.876	0.359	-0.021	0.024	0.384	-0.02 (-0.07, 0.03)	0.002	0.225	-0.020	0.022	0.354	-0.02 (-0.06, 0.02)	-0.021	0.026	0.423	-0.02 (-0.07, 0.03)
18419_20	ARPC5	O15511	211	0.004	0.012	0.721	4.12e-03 (-0.02, 0.03)	0.876	0.051	-0.008	0.025	0.744	-0.01 (-0.06, 0.04)	0.001	0.568	-0.015	0.023	0.510	-0.01 (-0.06, 0.03)	-0.009	0.024	0.707	-0.01 (-0.06, 0.04)
6372_7	YBX2	Q9Y2T7	211	0.005	0.013	0.721	4.81e-03 (-0.02, 0.03)	0.876	0.005	-0.069	0.026	0.009	-0.07 (-0.12, -0.02)	0.005	0.001	-0.038	0.020	0.054	-0.04 (-0.08, 7.15e-	-0.044	0.024	0.069	-0.04 (-0.09, 3.20e-03)
9819_110	MCL1	Q07820	211	0.004	0.012	0.721	4.17e-03 (-0.02, 0.03)	0.876	0.283	-0.067	0.023	0.004	-0.07 (-0.11, -0.02)	0.004	4.60E-04	-0.022	0.020	0.267	-0.02 (-0.06, 0.02)	-0.029	0.024	0.219	-0.03 (-0.08, 0.02)
2622_18	HMOX2	P30519	211	-0.004	0.012	0.722	-4.16e-03 (-0.03, 0.02	0.876	0.159	-0.025	0.024	0.306	-0.02 (-0.07, 0.02)	0.001	0.324	-0.026	0.021	0.213	-0.03 (-0.07, 0.01)	-0.024	0.025	0.331	-0.02 (-0.07, 0.02)
18343_10	DECR2	Q9NUI1	211	-0.004	0.012	0.722	-4.29e-03 (-0.03, 0.02	0.876	0.146	-0.035	0.025	0.163	-0.04 (-0.08, 0.01)	0.002	0.156	-0.017	0.024	0.476	-0.02 (-0.07, 0.03)	-0.015	0.023	0.503	-0.02 (-0.06, 0.03)
3797_1	CDH2	P19022	211	0.004	0.012	0.722	4.17e-03 (-0.02, 0.03)	0.876	0.195	-0.038	0.024	0.114	-0.04 (-0.09, 0.01)	0.003	0.043	-0.018	0.024	0.464	-0.02 (-0.07, 0.03)	-0.016	0.025	0.517	-0.02 (-0.06, 0.03)
4237_70	LCMT1	Q9UIC8	211	-0.004	0.012	0.722	-4.27e-03 (-0.03, 0.02	0.876	0.323	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.006	-0.025	0.020	0.208	-0.02 (-0.06, 0.01)	-0.040	0.025	0.109	-0.04 (-0.09, 0.01)
17410_5	CETN3	O15182	211	0.004	0.012	0.723	4.15e-03 (-0.02, 0.03)	0.877	0.124	-0.045	0.024	0.065	-0.04 (-0.09, 2.61e-03	0.003	0.020	-0.015	0.019	0.444	-0.01 (-0.05, 0.02)	-0.021	0.022	0.339	-0.02 (-0.06, 0.02)
11173_29	MILR1	Q7Z6M3	211	0.004	0.012	0.724	4.14e-03 (-0.02, 0.03)	0.877	0.097	-0.047	0.024	0.055	-0.05 (-0.09, 7.58e-04	0.003	0.016	-0.029	0.020	0.153	-0.03 (-0.07, 0.01)	-0.029	0.021	0.170	-0.03 (-0.07, 0.01)
10903_50	STX8	Q9UNK0	211	0.004	0.012	0.724	4.12e-03 (-0.02, 0.03)	0.878	0.199	-0.032	0.024	0.179	-0.03 (-0.08, 0.01)	0.002	0.080	-0.017	0.021	0.425	-0.02 (-0.06, 0.02)	-0.018	0.024	0.446	-0.02 (-0.06, 0.03)
19570_12	FGF8	P55075	211	-0.004	0.012	0.724	-4.12e-03 (-0.03, 0.02	0.878	0.374	-0.054	0.023	0.021	-0.05 (-0.10, -0.01)	0.003	0.014	-0.041	0.022	0.060	-0.04 (-0.08, 1.72e-	-0.039	0.023	0.097	-0.04 (-0.09, 0.01)
4284_18	RBM39	Q14498	211	0.004	0.012	0.725	4.17e-03 (-0.02, 0.03)	0.878	0.118	-0.039	0.025	0.116	-0.04 (-0.09, 0.01)	0.003	0.044	-0.024	0.025	0.335	-0.02 (-0.07, 0.02)	-0.032	0.027	0.242	-0.03 (-0.08, 0.02)
3800_71	CKB	P12277	211	0.004	0.012	0.725	4.12e-03 (-0.02, 0.03)	0.878	0.516	-0.016	0.023	0.492	-0.02 (-0.06, 0.03)	0.001	0.318	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)	-0.004	0.023	0.875	-3.65e-03 (-0.05, 0.04)
6103_70	FCRL5	Q96RD9	211	0.005	0.013	0.725	4.54e-03 (-0.02, 0.03)	0.878	0.004	-0.022	0.026	0.382	-0.02 (-0.07, 0.03)	0.002	0.224	-0.023	0.021	0.275	-0.02 (-0.06, 0.02)	-0.020	0.023	0.389	-0.02 (-0.07, 0.03)
13748_4	CCL8	P80075	211	0.004	0.011	0.726	4.01e-03 (-0.02, 0.03)	0.878	0.673	-0.024	0.023	0.299	-0.02 (-0.07, 0.02)	0.002	0.159	-0.029	0.021	0.169	-0.03 (-0.07, 0.01)	-0.018	0.024	0.458	-0.02 (-0.06, 0.03)
10008_43	GUCA1A	P43080	211	0.005	0.013	0.726	4.54e-03 (-0.02, 0.03)	0.879	0.012	-0.009	0.026	0.737	-0.01 (-0.06, 0.04)	0.001	0.554	0.020	0.023	0.385	0.02 (-0.02, 0.06)	0.017	0.024	0.478	0.02 (-0.03, 0.06)
18218_48	CNRIP1	Q96F85	211	-0.005	0.013	0.726	-4.50e-03 (-0.03, 0.02	0.879	0.041	-0.028	0.025	0.276	-0.03 (-0.08, 0.02)	0.001	0.290	-0.008	0.020	0.696	-0.01 (-0.05, 0.03)	-0.027	0.024	0.263	-0.03 (-0.08, 0.02)
13381_49	B4GALT1	P15291	211	0.005	0.015	0.727	0.01 (-0.02, 0.03)	0.879	1.45E-05	-0.012	0.029	0.675	-0.01 (-0.07, 0.04)	0.001	0.491	-0.017	0.022	0.456	-0.02 (-0.06, 0.03)	-0.011	0.027	0.692	-0.01 (-0.06, 0.04)
8978_30	MAP4K3	Q8IVH8	211	0.004	0.013	0.727	4.45e-03 (-0.02, 0.03)	0.879	0.033	-0.008	0.026	0.770	-0.01 (-0.06, 0.04)	0.001	0.593	0.001	0.023	0.966	9.85e-04 (-0.04, 0.0	0.004	0.024	0.874	3.88e-03 (-0.04, 0.05)
10583_1	TMEM108	Q6UXF1	211	-0.004	0.012	0.728	-4.02e-03 (-0.03, 0.02	0.879	0.126	-0.017	0.024	0.476	-0.02 (-0.06, 0.03)	0.001	0.526	-0.009	0.024	0.698	-0.01 (-0.06, 0.04)	-0.007	0.024	0.778	-0.01 (-0.05, 0.04)
12016_60	CBL	P22681	211	-0.004	0.013	0.728	-4.46e-03 (-0.03, 0.02	0.879	0.041	-0.034	0.025	0.187	-0.03 (-0.08, 0.02)	0.002	0.185	-0.046	0.023	0.042	-0.05 (-0.09, -1.75e	-0.044	0.026	0.101	-0.04 (-0.10, 0.01)
13477_65	LTB4R	Q15722	211	0.005	0.013	0.728	4.61e-03 (-0.02, 0.03)	0.879	0.008	-0.029	0.026	0.272	-0.03 (-0.08, 0.02)	0.002	0.141	-0.018	0.022	0.404	-0.02 (-0.06, 0.02)	-0.021	0.024	0.379	-0.02 (-0.07, 0.03)
13727_44	SPOP	O43791	211	0.004	0.012	0.728	4.07e-03 (-0.02, 0.03)	0.879	0.809	-0.039	0.023	0.094	-0.04 (-0.08, 0.01)	0.003	0.033	-0.020	0.020	0.315	-0.02 (-0.06, 0.02)	-0.028	0.023	0.237	-0.03 (-0.07, 0.02)
17348_5	SYNJ2BP	P57105	211	0.004	0.012	0.728	4.12e-03 (-0.02, 0.03)	0.879	0.369	-0.056	0.023	0.018	-0.06 (-0.10, -0.01)	0.004	0.003	-0.031	0.020	0.117	-0.03 (-0.07, 0.01)	-0.033	0.023	0.160	-0.03 (-0.08, 0.01)
2475_1	KIT	P10721	211	-0.005	0.014	0.727	-4.75e-03 (-0.03, 0.02	0.879	0.016	0.015	0.027	0.580	0.01 (-0.04, 0.07)	-0.001	0.398	0.033	0.023	0.143	0.03 (-0.01, 0.08)	0.038	0.025	0.126	0.04 (-0.01, 0.09)
6359_50	POMGNT2	Q8NAT1	211	0.005	0.015	0.728	0.01 (-0.02, 0.03)	0.879	5.63E-09	0.016	0.030	0.594	0.02 (-0.04, 0.07)	-0.001	0.678	-0.005	0.020	0.787	-0.01 (-0.04, 0.03)	-0.022	0.023	0.339	-0.02 (-0.07, 0.02)
17447_52	SFRP4	Q6FHJ7	211	0.005	0.015	0.729	0.01 (-0.02, 0.04)	0.880	3.00E-07	0.007	0.031	0.816	0.01 (-0.05, 0.07)	0.000	0.946	0.011	0.021	0.594	0.01 (-0.03, 0.05)	-0.022	0.029	0.459	-0.02 (-0.08, 0.04)
5204_13	PSME3	P61289	211	0.004	0.012	0.729	4.04e-03 (-0.02, 0.03)	0.880	0.437	-0.053	0.023	0.022	-0.05 (-0.10, -0.01)	0.004	0.005	-0.025	0.022	0.265	-0.02 (-0.07, 0.02)	-0.025	0.023	0.282	-0.02 (-0.07, 0.02)
10907_116	NTM	Q9P121	211	-0.006	0.017	0.730	-0.01 (-0.04, 0.03)	0.880	1.19E-13	0.060	0.033	0.071	0.06 (-4.89e-03, 0.13)	-0.004	0.022	0.036	0.023	0.114	0.04 (-0.01, 0.08)	0.033	0.025	0.189	0.03 (-0.02, 0.08)
11459_81	ELL	P55199	211	0.005	0.013	0.730	4.51e-03 (-0.02, 0.03)	0.880	0.016	-0.060	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.004	-0.006	0.025	0.820	-0.01 (-0.05, 0.04)	-0.007	0.024	0.786	-0.01 (-0.05, 0.04)
12593_33	PDRG1	Q9NUG6	211	0.004	0.013	0.730	4.47e-03 (-0.02, 0.03)	0.880	0.016	-0.045	0.025	0.078	-0.05 (-0.10, 4.89e-03	0.003	0.026	-0.001	0.020	0.942	-1.41e-03 (-0.04, 0.	-0.035	0.026	0.180	-0.03 (-0.09, 0.02)
14249_68	MID2	Q9UJV3	211	0.004	0.012	0.730	4.31e-03 (-0.02, 0.03)	0.880	0.041	-0.043	0.025	0.078	-0.04 (-0.09, 4.58e-03	0.003	0.025	0.015	0.024	0.541	0.01 (-0.03, 0.06)	0.017	0.021	0.416	0.02 (-0.02, 0.06)
9457_3	CAV2	P51636	211	0.004	0.012	0.730	4.03e-03 (-0.02, 0.03)	0.880	0.110	-0.074	0.024	0.002	-0.07 (-0.12, -0.03)	0.005	1.91E-04	-0.019	0.019	0.316	-0.02 (-0.06, 0.02)	-0.022	0.023	0.349	-0.02 (-0.07, 0.02)
8097_77	LIPN	Q5VXI9	211	0.005	0.016	0.730	0.01 (-0.03, 0.04)	0.880	7.98E-15	0.043	0.032	0.177	0.04 (-0.02, 0.11)	-0.002	0.175	0.015	0.023	0.516	0.01 (-0.03, 0.06)	0.016	0.025	0.515	0.02 (-0.03, 0.07)
18220_141	SRA1	Q9HD15	211	0.004	0.013	0.731	4.44e-03 (-0.02, 0.03)	0.880	0.049	-0.044	0.025	0.086	-0.04 (-0.09, 0.01)	0.003	0.029	-0.026	0.024	0.274	-0.03 (-0.07, 0.02)	-0.021	0.026	0.417	-0.02 (-0.07, 0.03)
15419_15	MMP20	O60882	211	0.005	0.013	0.731	4.53e-03 (-0.02, 0.03)	0.881	0.006	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)	0.003	0.029	-0.020	0.023	0.390	-0.02 (-0.06, 0.03)	-0.010	0.024	0.661	-0.01 (-0.06, 0.04)
11543_84	LIMA1	Q9UHB6	211	0.004	0.012	0.732	4.04e-03 (-0.02, 0.03)	0.881	0.087	-0.043	0.025	0.086	-0.04 (-0.09, 0.01)	0.003	0.030	-0.026	0.023	0.257	-0.03 (-0.07, 0.02)	-0.028	0.024	0.248	-0.03 (-0.08, 0.02)
19272_9	PEF1	Q9UBV8	211	0.006	0.019	0.732	0.01 (-0.03, 0.04)	0.881	3.86E-27	-0.031	0.038	0.421	-0.03 (-0.10, 0.04)	0.002	0.260	-0.004	0.024	0.877	-3.75e-03 (-0.05, 0.	0.012	0.028	0.666	0.01 (-0.04, 0.07)
19503_2	SNX3	O60493	211	-0.004	0.013	0.733	-4.46e-03 (-0.03, 0.02	0.882	0.020	-0.029	0.026	0.265	-0.03 (-0.08, 0.02)	0.002	0.274	-0.039	0.022	0.070	-0.04 (-0.08, 3.12e-	-0.027	0.025	0.274	-0.03 (-0.08, 0.02)
2871_73	RAD51	Q06609	211	0.004	0.013	0.733	4.42e-03 (-0.02, 0.03)	0.882	0.025	-0.058	0.025	0.024	-0.06 (-0.11, -0.01)	0.004	0.005	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)	0.005	0.025	0.850	4.78e-03 (-0.04, 0.05)
3474_19	THBS1	P07996	211	-0.005	0.015	0.733	-0.01 (-0.03, 0.02)	0.882	1.98E-06	-0.035	0.030	0.242	-0.03 (-0.09, 0.02)	0.002	0.247	-0.023	0.026	0.373	-0.02 (-0.07, 0.03)	-0.035	0.026	0.169	-0.04 (-0.09, 0.01)
9901_28	EGLN1	Q9GZT9	211	0.004	0.013	0.733	4.42e-03 (-0.02, 0.03)	0.882	0.021	-0.053	0.025	0.038	-0.05 (-0.10, -3.29e-0	0.004	0.009	-0.021	0.021	0.327	-0.02 (-0.06, 0.02)	-0.016	0.025	0.524	-0.02 (-0.06, 0.03)
10608_9	HTN1	P15515	211	0.004	0.012	0.734	4.03e-03 (-0.02, 0.03)	0.883	0.893	-0.054	0.023	0.023	-0.05 (-0.10, -0.01)	0.004	0.005	-0.027	0.020	0.193	-0.03 (-0.07, 0.01)	-0.031	0.023	0.171	-0.03 (-0.08, 0.01)
14747_9	CRLF1	O75462	211	0.004	0.012	0.735	4.01e-03 (-0.02, 0.03)	0.883	0.148	-0.019	0.025	0.442	-0.02 (-0.07, 0.03)	0.001	0.281	-0.022	0.019	0.254	-0.02 (-0.06, 0.02)	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)
19110_6	MEMO1	Q9Y316	211	-0.004	0.012	0.735	-4.02e-03 (-0.03, 0.02	0.883	0.084	-0.037	0.025	0.138	-0.04 (-0.09, 0.01)	0.002	0.126	-0.047	0.021	0.022	-0.05 (-0.09, -0.01)	-0.048	0.024	0.047	-0.05 (-0.10, -9.16e-04)
4842_62	GPC3	P51654	211	0.004	0.012	0.737	4.01e-03 (-0.02, 0.03)	0.886	0.281	0.013	0.024	0.597	0.01 (-0.03, 0.06)	-0.001	0.673	-0.002	0.025	0.935	-2.06e-03 (-0.05, 0.	0.001	0.025	0.979	6.70e-04 (-0.05, 0.05)
13940_19	IFI16	Q16666	211	-0.005	0.014	0.738	-4.53e-03 (-0.03, 0.02	0.886	0.002	-0.067	0.026	0.011	-0.07 (-0.12, -0.02)	0.004	0.006	-0.031	0.019	0.108	-0.03 (-0.07, 0.01)	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)
12557_18	NOVA1	P51513	211	0.004	0.011	0.739	3.83e-03 (-0.02, 0.03)	0.886	0.494	-0.016	0.023	0.471	-0.02 (-0.06, 0.03)	0.001	0.304	-0.029	0.018	0.119	-0.03 (-0.06, 0.01)	-0.041	0.025	0.101	-0.04 (-0.09, 0.01)
18327_6	SNX5	Q9Y5X3	211	-0.004	0.012	0.739	-3.94e-03 (-0.03, 0.02	0.886	0.063	-0.027	0.025	0.276	-0.03 (-0.08, 0.02)	0.001	0.280	-0.026	0.023	0.244	-0.03 (-0.07, 0.02)	-0.012	0.024	0.618	-0.01 (-0.06, 0.04)
2333_72	TGFB1	P01137	211	-0.004	0.012	0.739	-3.91e-03 (-0.03, 0.02	0.886	0.724	-0.060	0.023	0.010	-0.06 (-0.11, -0.01)	0.004	0.005	-0.017	0.019	0.363	-0.02 (-0.05, 0.02)	-0.035	0.024	0.136	-0.04 (-0.08, 0.01)
8945_7	FAM175B	Q15018	211	-0.004	0.013	0.738	-4.32e-03 (-0.03, 0.02	0.886	0.023	-0.035	0.026	0.176	-0.03 (-0.09, 0.02)	0.002	0.171	-0.044	0.021	0.033	-0.04 (-0.08, -3.56e	-0.047	0.025	0.063	-0.05 (-0.10, 2.33e-03)
9926_4	S100P	P25815	211	-0.004	0.012	0.738	-3.88e-03 (-0.03, 0.02	0.886	0.243	-0.042	0.024	0.075	-0.04 (-0.09, 4.08e-03	0.002	0.062	-0.023	0.023	0.320	-0.02 (-0.07, 0.02)	-0.019	0.022	0.402	-0.02 (-0.06, 0.02)
3534_14	CD40LG	P29965	211	-0.004	0.012	0.739	-3.95e-03 (-0.03, 0.02	0.887	0.067	-0.045	0.025	0.073	-0.05 (-0.09, 3.91e-03	0.003	0.058	-0.013	0.021	0.548	-0.01 (-0.05, 0.03)	-0.037	0.026	0.162	-0.04 (-0.09, 0.01)
11396_39	DNAI1	Q9UI46	211	0.004	0.012	0.740	3.94e-03 (-0.02, 0.03)	0.887	0.084	-0.065	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.001	-0.021	0.024	0.383	-0.02 (-0.07, 0.03)	-0.022	0.025	0.380	-0.02 (-0.07, 0.03)
17682_1	CD46	P15529	211	-0.005	0.014	0.740	-4.62e-03 (-0.03, 0.02	0.887	0.001	-0.033	0.028	0.228	-0.03 (-0.09, 0.02)	0.002	0.229	-0.045	0.022	0.043	-0.04 (-0.09, -1.44e	-0.036	0.025	0.157	-0.04 (-0.09, 0.01)
3004_67	PDCD1LG2	Q9BQ51	211	0.004	0.012	0.740	3.96e-03 (-0.02, 0.03)	0.887	0.072	-0.006	0.025	0.822	-0.01 (-0.06, 0.04)	0.001	0.659	-0.022	0.023	0.356	-0.02 (-0.07, 0.02)	-0.016	0.024	0.504	-0.02 (-0.06, 0.03)
3437_80	FLT3	P36888	211	0.004	0.012	0.740	3.94e-03 (-0.02, 0.03)	0.887	0.056	-0.066	0.025	0.009	-0.07 (-0.11, -0.02)	0.004	0.001	-0.017	0.020	0.385	-0.02 (-0.06, 0.02)	-0.032	0.024	0.182	-0.03 (-0.08, 0.01)
6234_74	VIT	Q6UXI7	211	0.004	0.012	0.741	4.09e-03 (-0.02, 0.03)	0.888	0.310	-0.004	0.025	0.871	-4.10e-03 (-0.05, 0.05	0.001	0.708	-0.013	0.026	0.610	-0.01 (-0.06, 0.04)	-0.015	0.025	0.542	-0.02 (-0.06, 0.03)
8028_22	SPINK5	Q9NQ38	211	0.004	0.013	0.741	4.45e-03 (-0.02, 0.03)	0.888	0.009	0.068	0.026	0.011	0.07 (0.02, 0.12)	-0.004	0.006	0.033	0.020	0.111	0.03 (-0.01, 0.07)	0.047	0.031	0.128	0.05 (-0.01, 0.11)
12522_6	RAD23B	P54727	211	-0.004	0.012	0.742	-3.84e-03 (-0.03, 0.02	0.888	0.115	-0.030	0.025	0.228	-0.03 (-0.08, 0.02)	0.002	0.224	-0.035	0.023	0.118	-0.04 (-0.08, 0.01)	-0.039	0.024	0.109	-0.04 (-0.09, 0.01)
13996_16	PPCDC	Q96CD2	211	0.004	0.012	0.742	3.87e-03 (-0.02, 0.03)	0.888	0.057	-0.029	0.025	0.245	-0.03 (-0.08, 0.02)	0.002	0.128	-0.024	0.020	0.222	-0.02 (-0.06, 0.01)	-0.024	0.023	0.296	-0.02 (-0.07, 0.02)
14090_23	DEF6	Q9H4E7	211	-0.004	0.012	0.742	-3.90e-03 (-0.03, 0.02	0.888	0.085	-0.032	0.025	0.210	-0.03 (-0.08, 0.02)	0.002	0.204	-0.036	0.021	0.088	-0.04 (-0.08, 0.01)	-0.041	0.026	0.111	-0.04 (-0.09, 0.01)
17805_35	SMNDC1	O75940	211	-0.004	0.013	0.742	-4.32e-03 (-0.03, 0.02	0.888	0.020	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.004	0.007	-0.034	0.019	0.076	-0.03 (-0.07, 3.55e-	-0.057	0.026	0.029	-0.06 (-0.11, -0.01)
9097_5	KIAA1324	Q6UXG2	211	0.004	0.012	0.742	3.82e-03 (-0.02, 0.03)	0.888	0.155	-0.043	0.024	0.074	-0.04 (-0.09, 4.00e-03	0.003	0.025	-0.032	0.023	0.152	-0.03 (-0.08, 0.01)	-0.030	0.024	0.201	-0.03 (-0.08, 0.02)
4534_10	PRSS22	Q9GZN4	211	0.004	0.013	0.743	4.30e-03 (-0.02, 0.03)	0.889	0.049	0.004	0.026	0.879	3.97e-03 (-0.05, 0.05)	0.000	0.988	0.010	0.027	0.723	0.01 (-0.04, 0.06)	0.001	0.028	0.972	9.86e-04 (-0.05, 0.06)
6400_33	TP53I13	Q8NBR0	211	-0.005	0.014	0.744	-4.69e-03 (-0.03, 0.02	0.889	2.46E-04	-0.060	0.028	0.033	-0.06 (-0.12, -0.01)	0.003	0.023	-0.031	0.022	0.160	-0.03 (-0.07, 0.01)	-0.033	0.024	0.182	-0.03 (-0.08, 0.02)
9372_157	MPZL2	O60487	211	-0.004	0.013	0.744	-4.35e-03 (-0.03, 0.02	0.889	0.008	-0.076	0.026	0.004	-0.08 (-0.13, -0.03)	0.004	0.002	-0.015	0.022	0.509	-0.01 (-0.06, 0.03)	-0.015	0.024	0.532	-0.02 (-0.06, 0.03)
12343_14	ACAP2	Q15057	211	0.004	0.012	0.744	3.79e-03 (-0.02, 0.03)	0.889	0.082	-0.036	0.024	0.140	-0.04 (-0.08, 0.01)	0.003	0.060	-0.017	0.020	0.395	-0.02 (-0.06, 0.02)	-0.019	0.024	0.426	-0.02 (-0.07, 0.03)
16916_19	SLITRK6	Q9H5Y7	211	-0.005	0.014	0.745	-4.67e-03 (-0.03, 0.02	0.890	3.00E-05	-0.014	0.028	0.613	-0.01 (-0.07, 0.04)	0.001	0.692	-0.027	0.025	0.270	-0.03 (-0.08, 0.02)	-0.033	0.024	0.168	-0.03 (-0.08, 0.01)
10449_31	SHISA2	Q6UWI4	211	0.005	0.014	0.745	4.55e-03 (-0.02, 0.03)	0.890	1.88E-04	-0.077	0.027	0.005	-0.08 (-0.13, -0.02)	0.005	0.001	-0.001	0.020	0.969	-7.89e-04 (-0.04, 0.	-0.017	0.024	0.495	-0.02 (-0.06, 0.03)
13566_2	SSU72	Q9NP77	211	0.004	0.013	0.746	4.37e-03 (-0.02, 0.03)	0.890	0.001	-0.015	0.027	0.580	-0.01 (-0.07, 0.04)	0.001	0.405	-0.008	0.024	0.741	-0.01 (-0.06, 0.04)	-0.007	0.024	0.774	-0.01 (-0.05, 0.04)
18194_18	FABP9	Q0Z7S8	211	-0.004	0.013	0.746	-4.36e-03 (-0.03, 0.02	0.890	0.003	-0.069	0.026	0.010	-0.07 (-0.12, -0.02)	0.004	0.005	-0.021	0.022	0.357	-0.02 (-0.06, 0.02)	-0.019	0.022	0.397	-0.02 (-0.06, 0.02)
19638_9	PDYN	P01213	211	-0.005	0.015	0.746	-4.72e-03 (-0.03, 0.02	0.890	1.53E-05	-0.032	0.029	0.273	-0.03 (-0.09, 0.02)	0.002	0.279	-0.019	0.024	0.442	-0.02 (-0.07, 0.03)	-0.004	0.026	0.866	-4.34e-03 (-0.05, 0.05)
3859_50	PSMA1	P25786	211	0.004	0.012	0.746	3.78e-03 (-0.02, 0.03)	0.890	0.144	-0.030	0.024	0.213	-0.03 (-0.08, 0.02)	0.002	0.105	-0.023	0.021	0.276	-0.02 (-0.07, 0.02)	-0.019	0.023	0.394	-0.02 (-0.06, 0.03)
4146_58	NTF4	P34130	211	0.004	0.012	0.746	3.74e-03 (-0.02, 0.03)	0.890	0.088	-0.006	0.024	0.819	-0.01 (-0.05, 0.04)	0.001	0.658	-0.015	0.022	0.477	-0.02 (-0.06, 0.03)	-0.014	0.024	0.566	-0.01 (-0.06, 0.03)
7115_5	SEMG1	P04279	211	-0.004	0.012	0.746	-3.95e-03 (-0.03, 0.02	0.890	0.667	0.004	0.024	0.877	3.74e-03 (-0.04, 0.05)	0.000	0.713	0.012	0.024	0.620	0.01 (-0.04, 0.06)	0.006	0.024	0.794	0.01 (-0.04, 0.05)
7962_11	SPINK8	P0C7L1	211	-0.004	0.012	0.745	-3.77e-03 (-0.03, 0.02	0.890	0.209	-0.035	0.024	0.149	-0.03 (-0.08, 0.01)	0.002	0.137	-0.028	0.021	0.195	-0.03 (-0.07, 0.01)	-0.020	0.024	0.411	-0.02 (-0.07, 0.03)
12361_102	RRAS2	P62070	211	0.004	0.012	0.747	3.79e-03 (-0.02, 0.03)	0.890	0.109	-0.025	0.025	0.311	-0.03 (-0.07, 0.02)	0.002	0.177	-0.030	0.023	0.180	-0.03 (-0.08, 0.01)	-0.021	0.023	0.367	-0.02 (-0.07, 0.02)
15698_6	TXLNA	P40222	211	-0.004	0.013	0.747	-4.22e-03 (-0.03, 0.02	0.890	0.032	-0.056	0.026	0.030	-0.06 (-0.11, -0.01)	0.003	0.020	-0.054	0.021	0.010	-0.05 (-0.09, -0.01)	-0.051	0.026	0.053	-0.05 (-0.10, 2.86e-04)
4969_2	CA1	P00915	211	0.004	0.013	0.747	4.23e-03 (-0.02, 0.03)	0.890	0.012	-0.039	0.026	0.133	-0.04 (-0.09, 0.01)	0.003	0.054	-0.029	0.022	0.187	-0.03 (-0.07, 0.01)	-0.027	0.025	0.270	-0.03 (-0.08, 0.02)
15596_7	HEXIM1	O94992	211	-0.004	0.013	0.747	-4.34e-03 (-0.03, 0.02	0.890	0.006	-0.048	0.027	0.070	-0.05 (-0.10, 3.61e-03	0.003	0.056	-0.044	0.020	0.023	-0.04 (-0.08, -0.01)	-0.061	0.026	0.019	-0.06 (-0.11, -0.01)
11327_56	CLK2	P49760	211	0.005	0.014	0.748	4.61e-03 (-0.02, 0.03)	0.890	2.63E-05	-0.055	0.028	0.053	-0.05 (-0.11, 4.92e-04	0.004	0.016	-0.007	0.025	0.767	-0.01 (-0.06, 0.04)	-0.001	0.024	0.982	-5.33e-04 (-0.05, 0.05)
15675_3	CEBPB	P17676	211	-0.004	0.014	0.748	-4.43e-03 (-0.03, 0.02	0.890	0.001	-0.072	0.027	0.008	-0.07 (-0.12, -0.02)	0.004	0.004	-0.030	0.025	0.223	-0.03 (-0.08, 0.02)	-0.020	0.024	0.406	-0.02 (-0.07, 0.03)
10553_8	TOR1AIP2	Q8NFQ8	211	-0.004	0.012	0.749	-3.68e-03 (-0.03, 0.02	0.891	0.429	-0.044	0.023	0.055	-0.04 (-0.09, 6.66e-04	0.003	0.042	-0.021	0.020	0.294	-0.02 (-0.06, 0.02)	-0.021	0.023	0.367	-0.02 (-0.07, 0.02)
12438_127	MPG	P29372	211	-0.004	0.013	0.749	-4.20e-03 (-0.03, 0.02	0.891	0.011	-0.069	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.004	-0.018	0.020	0.386	-0.02 (-0.06, 0.02)	-0.032	0.025	0.204	-0.03 (-0.08, 0.02)
13602_6	NHP2L1	P55769	211	-0.004	0.014	0.749	-4.34e-03 (-0.03, 0.02	0.891	0.001	-0.049	0.027	0.071	-0.05 (-0.10, 3.82e-03	0.003	0.057	-0.026	0.024	0.287	-0.03 (-0.07, 0.02)	-0.018	0.027	0.509	-0.02 (-0.07, 0.03)
3522_57	VIP	P01282	211	-0.004	0.013	0.749	-4.18e-03 (-0.03, 0.02	0.891	0.019	-0.030	0.026	0.248	-0.03 (-0.08, 0.02)	0.002	0.250	-0.037	0.020	0.066	-0.04 (-0.08, 2.54e-	-0.035	0.025	0.167	-0.03 (-0.08, 0.01)
4500_50	CLEC11A	Q9Y240	211	0.005	0.015	0.749	4.77e-03 (-0.02, 0.03)	0.891	3.06E-05	0.025	0.031	0.417	0.02 (-0.04, 0.08)	-0.001	0.453	0.001	0.026	0.980	6.48e-04 (-0.05, 0.0	-0.017	0.030	0.571	-0.02 (-0.08, 0.04)
9835_16	ALDH1A3	P47895	211	-0.005	0.015	0.749	-4.84e-03 (-0.03, 0.02	0.891	1.33E-06	-0.040	0.030	0.182	-0.04 (-0.10, 0.02)	0.002	0.174	-0.019	0.026	0.464	-0.02 (-0.07, 0.03)	-0.033	0.026	0.218	-0.03 (-0.08, 0.02)
2911_27	MDK	P21741	211	-0.004	0.013	0.750	-4.21e-03 (-0.03, 0.02	0.891	0.018	-0.058	0.026	0.028	-0.06 (-0.11, -0.01)	0.003	0.018	-0.025	0.024	0.295	-0.02 (-0.07, 0.02)	-0.026	0.024	0.271	-0.03 (-0.07, 0.02)
12980_31	RBM22	Q9NW64	211	0.004	0.011	0.750	3.59e-03 (-0.02, 0.03)	0.891	0.789	-0.050	0.022	0.025	-0.05 (-0.09, -0.01)	0.003	0.006	-0.022	0.019	0.243	-0.02 (-0.06, 0.01)	-0.025	0.021	0.226	-0.03 (-0.07, 0.02)
16773_29	SCUBE3	Q8IX30	211	0.004	0.013	0.750	4.07e-03 (-0.02, 0.03)	0.892	0.021	-0.005	0.025	0.834	-0.01 (-0.05, 0.04)	0.001	0.663	-0.001	0.024	0.976	-7.39e-04 (-0.05, 0.	-0.005	0.023	0.842	-4.68e-03 (-0.05, 0.04)
13088_397	BTC	P35070	211	-0.004	0.012	0.751	-3.71e-03 (-0.03, 0.02	0.893	0.233	-0.046	0.024	0.054	-0.05 (-0.09, 5.69e-04	0.003	0.040	-0.037	0.021	0.078	-0.04 (-0.08, 4.24e-	-0.027	0.024	0.266	-0.03 (-0.07, 0.02)
10627_87	APLP2	Q06481	211	-0.004	0.014	0.753	-4.34e-03 (-0.03, 0.02	0.893	0.002	-0.034	0.027	0.208	-0.03 (-0.09, 0.02)	0.002	0.203	-0.033	0.024	0.157	-0.03 (-0.08, 0.01)	-0.033	0.024	0.175	-0.03 (-0.08, 0.01)
10825_12	VSIG10	Q8N0Z9	211	0.004	0.012	0.753	3.69e-03 (-0.02, 0.03)	0.893	0.380	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)	0.002	0.155	0.001	0.023	0.976	6.92e-04 (-0.04, 0.0	-0.013	0.025	0.604	-0.01 (-0.06, 0.04)
12581_39	IMPA2	O14732	211	0.004	0.013	0.752	4.06e-03 (-0.02, 0.03)	0.893	0.010	-0.045	0.025	0.074	-0.05 (-0.09, 4.22e-03	0.003	0.025	-0.014	0.023	0.549	-0.01 (-0.06, 0.03)	-0.013	0.022	0.556	-0.01 (-0.06, 0.03)
15524_30	PGAM2	P15259	211	-0.004	0.013	0.753	-4.13e-03 (-0.03, 0.02	0.893	0.015	-0.038	0.026	0.147	-0.04 (-0.09, 0.01)	0.002	0.135	-0.034	0.023	0.143	-0.03 (-0.08, 0.01)	-0.030	0.025	0.230	-0.03 (-0.08, 0.02)
19231_22	PTP4A3	O75365	211	-0.004	0.012	0.752	-3.75e-03 (-0.03, 0.02	0.893	0.374	-0.014	0.024	0.547	-0.01 (-0.06, 0.03)	0.001	0.605	-0.028	0.022	0.215	-0.03 (-0.07, 0.02)	-0.031	0.024	0.194	-0.03 (-0.08, 0.02)
3603_60	CLEC7A	Q9BXN2	211	0.004	0.012	0.752	3.70e-03 (-0.02, 0.03)	0.893	0.612	-0.056	0.023	0.018	-0.06 (-0.10, -0.01)	0.004	0.003	-0.007	0.018	0.709	-0.01 (-0.04, 0.03)	-0.046	0.025	0.067	-0.05 (-0.09, 2.91e-03)
3847_56	ETHE1	O95571	211	0.004	0.012	0.752	3.66e-03 (-0.02, 0.03)	0.893	0.173	-0.046	0.024	0.052	-0.05 (-0.09, 2.28e-04	0.003	0.016	-0.017	0.020	0.407	-0.02 (-0.06, 0.02)	-0.021	0.024	0.383	-0.02 (-0.07, 0.03)
9319_59	TMED4	Q7Z7H5	211	0.004	0.012	0.753	3.63e-03 (-0.02, 0.03)	0.893	0.162	-0.038	0.024	0.116	-0.04 (-0.08, 0.01)	0.003	0.046	-0.012	0.025	0.640	-0.01 (-0.06, 0.04)	-0.021	0.023	0.345	-0.02 (-0.07, 0.02)
10440_26	CLMP	Q9H6B4	211	0.005	0.015	0.754	4.73e-03 (-0.02, 0.03)	0.894	6.14E-07	-0.044	0.030	0.141	-0.04 (-0.10, 0.01)	0.003	0.059	-0.019	0.025	0.457	-0.02 (-0.07, 0.03)	-0.009	0.026	0.741	-0.01 (-0.06, 0.04)
10073_22	TDP1	Q9NUW8	211	0.004	0.013	0.754	4.01e-03 (-0.02, 0.03)	0.894	0.027	-0.034	0.025	0.176	-0.03 (-0.08, 0.02)	0.002	0.080	-0.026	0.020	0.195	-0.03 (-0.07, 0.01)	-0.024	0.023	0.286	-0.02 (-0.07, 0.02)
18403_25	AMPD2	Q01433	211	-0.004	0.012	0.754	-3.78e-03 (-0.03, 0.02	0.894	0.205	-0.032	0.025	0.202	-0.03 (-0.08, 0.02)	0.002	0.193	-0.043	0.020	0.036	-0.04 (-0.08, -2.68e	-0.047	0.025	0.066	-0.05 (-0.10, 2.79e-03)
3898_5	PSMD7	P51665	211	0.004	0.011	0.755	3.59e-03 (-0.02, 0.03)	0.894	0.166	-0.013	0.024	0.573	-0.01 (-0.06, 0.03)	0.001	0.409	-0.016	0.021	0.451	-0.02 (-0.06, 0.02)	-0.016	0.023	0.496	-0.02 (-0.06, 0.03)
10485_56	MAGEA4	P43358	211	0.004	0.011	0.756	3.52e-03 (-0.02, 0.03)	0.895	0.072	-0.024	0.024	0.329	-0.02 (-0.07, 0.02)	0.002	0.194	0.019	0.023	0.423	0.02 (-0.03, 0.06)	0.013	0.024	0.581	0.01 (-0.03, 0.06)
15476_6	REG3G	Q6UW15	211	0.005	0.016	0.756	0.01 (-0.03, 0.04)	0.895	5.73E-13	0.002	0.032	0.943	2.32e-03 (-0.06, 0.07)	0.000	0.922	0.062	0.022	0.005	0.06 (0.02, 0.10)	0.060	0.026	0.021	0.06 (0.01, 0.11)
5583_62	RYK	P34925	211	0.004	0.013	0.756	4.11e-03 (-0.02, 0.03)	0.895	0.003	-0.041	0.026	0.117	-0.04 (-0.09, 0.01)	0.003	0.046	-0.043	0.021	0.040	-0.04 (-0.09, -1.94e	-0.050	0.025	0.042	-0.05 (-0.10, -2.13e-03)
10672_75	SFTPB	P07988	211	0.004	0.012	0.757	3.82e-03 (-0.02, 0.03)	0.895	0.257	-0.012	0.025	0.629	-0.01 (-0.06, 0.04)	0.001	0.463	0.011	0.026	0.663	0.01 (-0.04, 0.06)	0.017	0.025	0.500	0.02 (-0.03, 0.07)
13570_43	HDLBP	Q00341	211	0.004	0.012	0.757	3.69e-03 (-0.02, 0.03)	0.896	0.086	-0.033	0.025	0.186	-0.03 (-0.08, 0.02)	0.002	0.089	-0.022	0.021	0.295	-0.02 (-0.06, 0.02)	-0.024	0.025	0.327	-0.02 (-0.07, 0.02)
9306_7	DEFB118	Q96PH6	211	-0.004	0.012	0.757	-3.64e-03 (-0.03, 0.02	0.896	0.140	-0.049	0.024	0.045	-0.05 (-0.10, -1.29e-0	0.003	0.032	-0.025	0.022	0.258	-0.03 (-0.07, 0.02)	-0.022	0.023	0.352	-0.02 (-0.07, 0.02)
7755_37	ITGB5	P18084	211	0.004	0.012	0.758	3.59e-03 (-0.02, 0.03)	0.896	0.140	-0.062	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.002	-0.034	0.021	0.099	-0.03 (-0.07, 0.01)	-0.025	0.022	0.263	-0.02 (-0.07, 0.02)
8081_55	PLD5	Q8N7P1	211	0.004	0.012	0.758	3.84e-03 (-0.02, 0.03)	0.896	0.034	-0.066	0.024	0.007	-0.07 (-0.11, -0.02)	0.004	0.001	-0.033	0.019	0.091	-0.03 (-0.07, 0.01)	-0.044	0.022	0.042	-0.04 (-0.09, -1.76e-03)
12046_51	TARDBP	Q13148	211	-0.004	0.012	0.759	-3.63e-03 (-0.03, 0.02	0.896	0.203	-0.069	0.024	0.004	-0.07 (-0.12, -0.02)	0.004	0.002	-0.044	0.021	0.036	-0.04 (-0.08, -2.77e	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)
18273_14	GAGE2D	Q9UEU5	211	0.004	0.012	0.759	3.59e-03 (-0.02, 0.03)	0.896	0.148	-0.049	0.024	0.044	-0.05 (-0.10, -1.62e-0	0.003	0.013	-0.025	0.020	0.210	-0.02 (-0.06, 0.01)	-0.030	0.021	0.161	-0.03 (-0.07, 0.01)
19115_13	CMBL	Q96DG6	211	0.004	0.012	0.758	3.64e-03 (-0.02, 0.03)	0.896	0.506	-0.016	0.023	0.502	-0.02 (-0.06, 0.03)	0.001	0.339	-0.019	0.021	0.369	-0.02 (-0.06, 0.02)	-0.024	0.023	0.299	-0.02 (-0.07, 0.02)
3412_7	BCL2	P10415	211	-0.004	0.012	0.759	-3.64e-03 (-0.03, 0.02	0.896	0.172	-0.043	0.025	0.080	-0.04 (-0.09, 4.90e-03	0.002	0.064	-0.030	0.020	0.143	-0.03 (-0.07, 0.01)	-0.052	0.024	0.030	-0.05 (-0.10, -0.01)
4989_7	FGG	P02679	211	0.005	0.015	0.759	4.57e-03 (-0.02, 0.03)	0.896	2.20E-06	-0.047	0.029	0.113	-0.05 (-0.10, 0.01)	0.003	0.045	-0.008	0.027	0.761	-0.01 (-0.06, 0.04)	-0.026	0.026	0.316	-0.03 (-0.08, 0.02)
5467_15	HSP90AB1	P08238	211	-0.004	0.012	0.759	-3.64e-03 (-0.03, 0.02	0.896	0.119	-0.042	0.025	0.094	-0.04 (-0.09, 0.01)	0.002	0.077	-0.025	0.020	0.208	-0.02 (-0.06, 0.01)	-0.048	0.026	0.071	-0.05 (-0.10, 3.88e-03)
7187_3	PPM1L	Q5SGD2	211	-0.004	0.012	0.759	-3.62e-03 (-0.03, 0.02	0.896	0.075	-0.026	0.025	0.294	-0.03 (-0.08, 0.02)	0.001	0.295	-0.030	0.021	0.138	-0.03 (-0.07, 0.01)	-0.037	0.024	0.126	-0.04 (-0.08, 0.01)
2974_61	CNTN1	Q12860	211	0.005	0.015	0.760	4.58e-03 (-0.02, 0.03)	0.897	6.09E-06	0.101	0.029	0.001	0.10 (0.04, 0.16)	-0.006	1.38E-04	0.041	0.021	0.050	0.04 (-4.01e-05, 0.0	0.049	0.026	0.061	0.05 (-1.90e-03, 0.10)
17725_37	USH1C	Q9Y6N9	211	0.004	0.014	0.761	4.12e-03 (-0.02, 0.03)	0.897	0.001	-0.066	0.026	0.013	-0.07 (-0.12, -0.01)	0.004	0.002	-0.010	0.021	0.630	-0.01 (-0.05, 0.03)	-0.005	0.023	0.830	-4.96e-03 (-0.05, 0.04)
18870_1	CD3E	P07766	211	0.004	0.013	0.761	3.98e-03 (-0.02, 0.03)	0.897	0.020	-0.058	0.026	0.024	-0.06 (-0.11, -0.01)	0.004	0.005	-0.018	0.023	0.444	-0.02 (-0.06, 0.03)	-0.003	0.024	0.890	-3.33e-03 (-0.05, 0.04)
3373_5	GZMH	P20718	211	0.004	0.012	0.761	3.55e-03 (-0.02, 0.03)	0.897	0.283	-0.039	0.024	0.098	-0.04 (-0.09, 0.01)	0.003	0.037	-0.010	0.020	0.606	-0.01 (-0.05, 0.03)	-0.016	0.024	0.515	-0.02 (-0.06, 0.03)
5346_24	CPNE1	Q99829	211	-0.004	0.014	0.760	-4.23e-03 (-0.03, 0.02	0.897	0.001	-0.036	0.027	0.197	-0.04 (-0.09, 0.02)	0.002	0.188	-0.026	0.021	0.208	-0.03 (-0.07, 0.01)	-0.040	0.024	0.108	-0.04 (-0.09, 0.01)
3477_63	NTRK1	P04629	211	-0.004	0.012	0.763	-3.57e-03 (-0.03, 0.02	0.899	0.059	-0.055	0.025	0.028	-0.06 (-0.10, -0.01)	0.003	0.018	-0.014	0.020	0.485	-0.01 (-0.05, 0.03)	-0.029	0.024	0.220	-0.03 (-0.08, 0.02)
11311_79	RAG1	P15918	211	0.004	0.012	0.764	3.55e-03 (-0.02, 0.03)	0.900	0.585	-0.055	0.023	0.019	-0.06 (-0.10, -0.01)	0.004	0.004	-0.031	0.021	0.147	-0.03 (-0.07, 0.01)	-0.027	0.025	0.275	-0.03 (-0.08, 0.02)
18909_11	EXOSC8	Q96B26	211	0.004	0.012	0.764	3.53e-03 (-0.02, 0.03)	0.900	0.070	-0.021	0.025	0.406	-0.02 (-0.07, 0.03)	0.002	0.261	-0.021	0.022	0.348	-0.02 (-0.06, 0.02)	-0.018	0.024	0.450	-0.02 (-0.07, 0.03)
12854_3	TEAD3	Q99594	211	-0.004	0.013	0.765	-3.88e-03 (-0.03, 0.02	0.900	0.012	-0.057	0.025	0.027	-0.06 (-0.11, -0.01)	0.003	0.017	-0.023	0.020	0.247	-0.02 (-0.06, 0.02)	-0.058	0.026	0.025	-0.06 (-0.11, -0.01)
15553_22	ACHE	P22303	211	0.003	0.012	0.765	3.48e-03 (-0.02, 0.03)	0.900	0.602	-0.034	0.023	0.145	-0.03 (-0.08, 0.01)	0.002	0.062	0.005	0.025	0.854	4.52e-03 (-0.04, 0.0	0.003	0.023	0.907	2.67e-03 (-0.04, 0.05)
18449_33	PPIG	Q13427	211	-0.004	0.014	0.764	-4.12e-03 (-0.03, 0.02	0.900	0.001	-0.077	0.027	0.004	-0.08 (-0.13, -0.02)	0.005	0.002	-0.023	0.024	0.343	-0.02 (-0.07, 0.02)	-0.003	0.024	0.903	-2.88e-03 (-0.05, 0.04)
3896_5	PGAM1	P18669	211	0.004	0.013	0.764	3.93e-03 (-0.02, 0.03)	0.900	0.028	-0.023	0.026	0.380	-0.02 (-0.07, 0.03)	0.002	0.234	-0.022	0.022	0.334	-0.02 (-0.07, 0.02)	-0.019	0.024	0.430	-0.02 (-0.07, 0.03)
11207_3	MSR1	P21757	211	0.003	0.012	0.766	3.50e-03 (-0.02, 0.03)	0.900	0.507	-0.040	0.023	0.085	-0.04 (-0.09, 0.01)	0.003	0.031	-0.025	0.022	0.241	-0.03 (-0.07, 0.02)	-0.023	0.025	0.358	-0.02 (-0.07, 0.03)
14229_5	MOCS3	O95396	211	0.004	0.014	0.766	4.13e-03 (-0.02, 0.03)	0.900	3.92E-04	-0.070	0.027	0.010	-0.07 (-0.12, -0.02)	0.005	0.002	-0.010	0.022	0.665	-0.01 (-0.05, 0.03)	-0.008	0.024	0.755	-0.01 (-0.05, 0.04)
18191_23	RANBP1	P43487	211	-0.004	0.013	0.765	-3.91e-03 (-0.03, 0.02	0.900	0.016	-0.043	0.026	0.098	-0.04 (-0.09, 0.01)	0.002	0.082	-0.036	0.020	0.067	-0.04 (-0.07, 2.45e-	-0.044	0.025	0.084	-0.04 (-0.09, 0.01)
18895_54	GSTM4	Q03013	211	-0.003	0.011	0.765	-3.43e-03 (-0.03, 0.02	0.900	0.783	-0.012	0.022	0.579	-0.01 (-0.05, 0.03)	0.001	0.639	-0.002	0.024	0.939	-1.88e-03 (-0.05, 0.	-0.009	0.022	0.695	-0.01 (-0.05, 0.03)
9243_10	LYG1	Q8N1E2	211	0.004	0.013	0.765	3.74e-03 (-0.02, 0.03)	0.900	0.033	-0.036	0.025	0.141	-0.04 (-0.08, 0.01)	0.003	0.061	-0.030	0.021	0.154	-0.03 (-0.07, 0.01)	-0.028	0.023	0.226	-0.03 (-0.07, 0.02)
11248_43	UROS	P10746	211	0.004	0.012	0.767	3.59e-03 (-0.02, 0.03)	0.900	0.093	-0.039	0.025	0.123	-0.04 (-0.09, 0.01)	0.003	0.052	-0.034	0.020	0.084	-0.03 (-0.07, 4.51e-	-0.035	0.024	0.140	-0.04 (-0.08, 0.01)
11275_94	LRP1B	Q9NZR2	211	0.003	0.012	0.766	3.44e-03 (-0.02, 0.03)	0.900	0.092	-0.046	0.024	0.057	-0.05 (-0.09, 1.16e-03	0.003	0.018	-0.024	0.020	0.243	-0.02 (-0.06, 0.02)	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)
8222_49	CDHR3	Q6ZTQ4	211	-0.003	0.012	0.766	-3.43e-03 (-0.03, 0.02	0.900	0.307	-0.014	0.023	0.556	-0.01 (-0.06, 0.03)	0.001	0.608	0.006	0.024	0.816	0.01 (-0.04, 0.05)	0.002	0.024	0.944	1.66e-03 (-0.04, 0.05)
9974_8	DLL3	Q9NYJ7	211	0.004	0.014	0.766	4.25e-03 (-0.02, 0.03)	0.900	9.85E-06	-0.044	0.028	0.117	-0.04 (-0.10, 0.01)	0.003	0.047	-0.036	0.021	0.083	-0.04 (-0.08, 4.71e-	-0.031	0.025	0.218	-0.03 (-0.08, 0.02)
12693_2	SH3BGRL	O75368	211	-0.004	0.012	0.767	-3.55e-03 (-0.03, 0.02	0.900	0.258	-0.059	0.024	0.016	-0.06 (-0.11, -0.01)	0.003	0.009	-0.044	0.020	0.028	-0.04 (-0.08, -4.82e	-0.046	0.025	0.064	-0.05 (-0.09, 2.42e-03)
13947_371	NUDT12	Q9BQG2	211	0.004	0.014	0.767	4.05e-03 (-0.02, 0.03)	0.900	0.001	-0.028	0.027	0.307	-0.03 (-0.08, 0.03)	0.002	0.176	-0.024	0.021	0.247	-0.02 (-0.06, 0.02)	-0.028	0.024	0.239	-0.03 (-0.07, 0.02)
12888_18	SAP30	O75446	211	-0.003	0.011	0.768	-3.39e-03 (-0.03, 0.02	0.900	0.072	-0.041	0.024	0.091	-0.04 (-0.09, 0.01)	0.002	0.072	-0.039	0.023	0.084	-0.04 (-0.08, 0.01)	-0.042	0.024	0.078	-0.04 (-0.09, 4.47e-03)
4469_78	CHST15	Q7LFX5	211	0.004	0.014	0.768	4.24e-03 (-0.02, 0.03)	0.900	4.49E-05	0.010	0.029	0.733	0.01 (-0.05, 0.07)	0.000	0.824	-0.008	0.025	0.749	-0.01 (-0.06, 0.04)	0.000	0.025	0.988	3.71e-04 (-0.05, 0.05)
18866_8	PPP3R2	Q96LZ3	211	0.004	0.014	0.768	4.00e-03 (-0.02, 0.03)	0.901	0.003	-0.059	0.026	0.027	-0.06 (-0.11, -0.01)	0.004	0.006	-0.009	0.022	0.673	-0.01 (-0.05, 0.03)	-0.010	0.023	0.677	-0.01 (-0.05, 0.04)
19206_20	NUDT1	P36639	211	-0.004	0.012	0.768	-3.50e-03 (-0.03, 0.02	0.901	0.261	-0.055	0.024	0.023	-0.05 (-0.10, -0.01)	0.003	0.014	-0.020	0.021	0.340	-0.02 (-0.06, 0.02)	-0.025	0.024	0.292	-0.03 (-0.07, 0.02)
6020_52	UTS2	O95399	211	0.004	0.014	0.768	4.06e-03 (-0.02, 0.03)	0.901	4.57E-04	-0.070	0.027	0.009	-0.07 (-0.12, -0.02)	0.005	0.001	-0.016	0.022	0.463	-0.02 (-0.06, 0.03)	-0.015	0.023	0.512	-0.02 (-0.06, 0.03)
8953_47	HDGF	P51858	211	0.004	0.013	0.768	3.83e-03 (-0.02, 0.03)	0.901	0.012	-0.050	0.025	0.052	-0.05 (-0.10, 1.98e-04	0.003	0.016	-0.020	0.019	0.290	-0.02 (-0.06, 0.02)	-0.038	0.024	0.116	-0.04 (-0.09, 0.01)
10961_15	RARRES3	Q9UL19	211	0.003	0.012	0.769	3.46e-03 (-0.02, 0.03)	0.901	0.068	-0.050	0.025	0.043	-0.05 (-0.10, -1.77e-0	0.003	0.013	-0.042	0.022	0.059	-0.04 (-0.09, 1.56e-	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)
16785_45	DEFA5	Q01523	211	0.005	0.015	0.769	4.51e-03 (-0.03, 0.03)	0.901	1.17E-06	0.048	0.030	0.114	0.05 (-0.01, 0.11)	-0.003	0.097	0.045	0.021	0.036	0.04 (2.88e-03, 0.0	0.051	0.028	0.064	0.05 (-2.65e-03, 0.11)
11708_2	LCN1	P31025	211	0.003	0.012	0.770	3.43e-03 (-0.02, 0.03)	0.901	0.128	-0.002	0.025	0.941	-1.81e-03 (-0.05, 0.05	0.000	0.805	-0.004	0.023	0.849	-4.36e-03 (-0.05, 0.	0.001	0.023	0.964	1.05e-03 (-0.04, 0.05)
17852_5	PPME1	Q9Y570	211	-0.004	0.013	0.769	-3.77e-03 (-0.03, 0.02	0.901	0.042	-0.035	0.025	0.168	-0.04 (-0.08, 0.01)	0.002	0.154	-0.029	0.020	0.136	-0.03 (-0.07, 0.01)	-0.042	0.025	0.093	-0.04 (-0.09, 0.01)
2585_2	PRL	P01236	211	-0.004	0.013	0.770	-3.79e-03 (-0.03, 0.02	0.901	0.007	-0.009	0.026	0.722	-0.01 (-0.06, 0.04)	0.000	0.809	-0.030	0.020	0.147	-0.03 (-0.07, 0.01)	-0.028	0.024	0.258	-0.03 (-0.08, 0.02)
3198_4	IDS	P22304	211	-0.004	0.014	0.769	-4.21e-03 (-0.03, 0.02	0.901	3.56E-06	0.032	0.029	0.256	0.03 (-0.02, 0.09)	-0.002	0.138	0.015	0.023	0.510	0.02 (-0.03, 0.06)	0.009	0.025	0.704	0.01 (-0.04, 0.06)
4131_72	FN1	P02751	211	0.003	0.011	0.770	3.36e-03 (-0.02, 0.03)	0.901	0.188	-0.033	0.024	0.169	-0.03 (-0.08, 0.01)	0.002	0.079	-0.027	0.021	0.205	-0.03 (-0.07, 0.01)	-0.028	0.024	0.232	-0.03 (-0.07, 0.02)
7922_5	ADM	P35318	211	0.003	0.012	0.770	3.43e-03 (-0.02, 0.03)	0.901	0.081	-0.031	0.025	0.218	-0.03 (-0.08, 0.02)	0.002	0.113	-0.004	0.024	0.855	-4.33e-03 (-0.05, 0.	-0.012	0.024	0.630	-0.01 (-0.06, 0.04)
11582_63	DNAJA2	O60884	211	-0.004	0.013	0.771	-3.82e-03 (-0.03, 0.02	0.902	0.008	-0.028	0.026	0.290	-0.03 (-0.08, 0.02)	0.001	0.291	-0.042	0.022	0.059	-0.04 (-0.08, 1.66e-	-0.045	0.025	0.071	-0.04 (-0.09, 3.65e-03)
14245_195	SNX7	Q9UNH6	211	-0.004	0.013	0.771	-3.82e-03 (-0.03, 0.02	0.902	0.011	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.004	0.003	-0.037	0.022	0.093	-0.04 (-0.08, 0.01)	-0.028	0.023	0.233	-0.03 (-0.07, 0.02)
8450_36	ADCYAP1	P18509	211	0.003	0.012	0.772	3.37e-03 (-0.02, 0.03)	0.902	0.183	-0.017	0.024	0.469	-0.02 (-0.06, 0.03)	0.001	0.316	-0.011	0.024	0.647	-0.01 (-0.06, 0.04)	-0.019	0.022	0.400	-0.02 (-0.06, 0.02)
5639_49	NETO1	Q8TDF5	211	0.003	0.012	0.772	3.42e-03 (-0.02, 0.03)	0.902	0.465	-0.066	0.024	0.005	-0.07 (-0.11, -0.02)	0.004	0.001	-0.002	0.019	0.906	-2.22e-03 (-0.04, 0.	-0.019	0.023	0.399	-0.02 (-0.06, 0.03)
11333_82	ARHGAP25	P42331	211	-0.004	0.013	0.774	-3.79e-03 (-0.03, 0.02	0.903	0.009	-0.040	0.026	0.129	-0.04 (-0.09, 0.01)	0.002	0.112	-0.039	0.022	0.070	-0.04 (-0.08, 3.21e-	-0.042	0.027	0.118	-0.04 (-0.10, 0.01)
12355_223	MRRF	Q96E11	211	-0.003	0.012	0.774	-3.35e-03 (-0.03, 0.02	0.903	0.329	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)	0.003	0.008	-0.031	0.020	0.126	-0.03 (-0.07, 0.01)	-0.029	0.022	0.194	-0.03 (-0.07, 0.01)
12384_92	COPS7B	Q9H9Q2	211	0.004	0.016	0.774	4.46e-03 (-0.03, 0.03)	0.903	4.37E-24	-0.025	0.031	0.410	-0.03 (-0.09, 0.03)	0.002	0.262	0.021	0.020	0.292	0.02 (-0.02, 0.06)	0.026	0.019	0.179	0.03 (-0.01, 0.06)
12430_78	PAIP1	Q9H074	211	0.003	0.012	0.774	3.37e-03 (-0.02, 0.03)	0.903	0.050	-0.057	0.025	0.022	-0.06 (-0.11, -0.01)	0.004	0.005	-0.004	0.020	0.838	-4.18e-03 (-0.04, 0.	-0.012	0.022	0.596	-0.01 (-0.05, 0.03)
12832_10	ASH2L	Q9UBL3	211	0.004	0.013	0.774	3.70e-03 (-0.02, 0.03)	0.903	0.028	-0.045	0.025	0.076	-0.05 (-0.09, 4.51e-03	0.003	0.027	-0.022	0.021	0.284	-0.02 (-0.06, 0.02)	-0.031	0.024	0.203	-0.03 (-0.08, 0.02)
13926_1	RMI1	Q9H9A7	211	0.003	0.012	0.773	3.40e-03 (-0.02, 0.03)	0.903	0.075	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.001	-0.024	0.021	0.243	-0.02 (-0.06, 0.02)	-0.020	0.023	0.403	-0.02 (-0.07, 0.03)
16758_96	HDGF	P51858	211	0.004	0.013	0.774	3.80e-03 (-0.02, 0.03)	0.903	0.005	-0.059	0.026	0.022	-0.06 (-0.11, -0.01)	0.004	0.005	-0.020	0.020	0.315	-0.02 (-0.06, 0.02)	-0.043	0.026	0.069	-0.04 (-0.09, 3.11e-03)
18907_97	KIR3DL1	P43629	211	-0.004	0.014	0.773	-4.07e-03 (-0.03, 0.02	0.903	4.58E-05	-0.032	0.028	0.256	-0.03 (-0.09, 0.02)	0.002	0.251	0.001	0.025	0.955	1.40e-03 (-0.05, 0.0	-0.014	0.024	0.555	-0.01 (-0.06, 0.03)
3864_5	RPS7	P62081	211	0.004	0.013	0.773	3.83e-03 (-0.02, 0.03)	0.903	0.005	-0.053	0.026	0.045	-0.05 (-0.10, -1.51e-0	0.004	0.013	-0.024	0.020	0.224	-0.02 (-0.06, 0.01)	-0.043	0.024	0.069	-0.04 (-0.09, 3.18e-03)
5762_35	SPAG11B	Q08648	211	0.004	0.014	0.773	3.91e-03 (-0.02, 0.03)	0.903	0.001	-0.027	0.027	0.312	-0.03 (-0.08, 0.03)	0.002	0.182	-0.006	0.025	0.813	-0.01 (-0.06, 0.04)	-0.012	0.024	0.625	-0.01 (-0.06, 0.03)
5834_18	IL9	P15248	211	0.003	0.012	0.773	3.36e-03 (-0.02, 0.03)	0.903	0.671	-0.015	0.023	0.523	-0.01 (-0.06, 0.03)	0.001	0.364	-0.006	0.024	0.812	-0.01 (-0.05, 0.04)	-0.005	0.023	0.825	-0.01 (-0.05, 0.04)
7069_9	TSNARE1	Q96NA8	211	0.004	0.013	0.775	3.63e-03 (-0.02, 0.03)	0.903	0.043	-0.074	0.025	0.003	-0.07 (-0.12, -0.03)	0.005	3.49E-04	-0.030	0.022	0.168	-0.03 (-0.07, 0.01)	-0.020	0.023	0.385	-0.02 (-0.07, 0.03)
17693_2	SEPTIN6	Q14141	211	-0.003	0.012	0.776	-3.34e-03 (-0.03, 0.02	0.904	0.336	-0.025	0.024	0.290	-0.03 (-0.07, 0.02)	0.001	0.288	-0.016	0.024	0.496	-0.02 (-0.06, 0.03)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
18897_31	HDAC2	Q92769	211	-0.004	0.013	0.776	-3.68e-03 (-0.03, 0.02	0.904	0.045	-0.046	0.025	0.073	-0.05 (-0.10, 4.01e-03	0.003	0.056	-0.032	0.020	0.112	-0.03 (-0.07, 0.01)	-0.037	0.024	0.125	-0.04 (-0.08, 0.01)
3855_56	PRDX1	Q06830	211	-0.004	0.013	0.776	-3.69e-03 (-0.03, 0.02	0.904	0.022	-0.047	0.026	0.071	-0.05 (-0.10, 3.69e-03	0.003	0.054	-0.032	0.019	0.101	-0.03 (-0.07, 0.01)	-0.052	0.024	0.032	-0.05 (-0.10, -4.73e-03)
9482_110	NUDT9	Q9BW91	211	-0.004	0.013	0.776	-3.76e-03 (-0.03, 0.02	0.904	0.017	-0.021	0.026	0.415	-0.02 (-0.07, 0.03)	0.001	0.437	-0.037	0.024	0.122	-0.04 (-0.08, 0.01)	-0.027	0.026	0.302	-0.03 (-0.08, 0.02)
15347_12	HPX	P02790	211	0.003	0.011	0.777	3.15e-03 (-0.02, 0.02)	0.904	0.395	-0.001	0.022	0.957	-1.21e-03 (-0.05, 0.04	0.000	0.822	-0.004	0.022	0.863	-3.81e-03 (-0.05, 0.	0.005	0.021	0.823	4.79e-03 (-0.04, 0.05)
10876_300	BRAT1	Q6PJG6	211	-0.003	0.012	0.777	-3.28e-03 (-0.03, 0.02	0.904	0.069	-0.046	0.025	0.062	-0.05 (-0.09, 2.02e-03	0.003	0.045	-0.029	0.022	0.199	-0.03 (-0.07, 0.02)	-0.036	0.023	0.127	-0.04 (-0.08, 0.01)
17319_1	SELH	Q8IZQ5	211	-0.003	0.012	0.778	-3.28e-03 (-0.03, 0.02	0.904	0.060	-0.050	0.024	0.040	-0.05 (-0.10, -2.50e-0	0.003	0.026	-0.009	0.024	0.700	-0.01 (-0.06, 0.04)	-0.007	0.023	0.767	-0.01 (-0.05, 0.04)
17710_40	TPD52L1	Q16890	211	0.003	0.012	0.778	3.31e-03 (-0.02, 0.03)	0.904	0.427	-0.053	0.023	0.024	-0.05 (-0.10, -0.01)	0.004	0.006	-0.014	0.020	0.480	-0.01 (-0.05, 0.03)	-0.028	0.024	0.255	-0.03 (-0.08, 0.02)
7154_92	LEG1	Q6P5S2	211	-0.003	0.012	0.778	-3.48e-03 (-0.03, 0.02	0.904	0.084	0.013	0.026	0.614	0.01 (-0.04, 0.06)	-0.001	0.461	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	-0.012	0.024	0.631	-0.01 (-0.06, 0.04)
7265_32	OSTN	P61366	211	0.003	0.011	0.777	3.22e-03 (-0.02, 0.03)	0.904	0.205	-0.013	0.023	0.571	-0.01 (-0.06, 0.03)	0.001	0.405	0.000	0.024	0.993	-2.03e-04 (-0.05, 0.	0.004	0.022	0.874	3.56e-03 (-0.04, 0.05)
7824_88	MSRB3	Q8IXL7	211	-0.003	0.012	0.778	-3.26e-03 (-0.03, 0.02	0.904	0.798	-0.055	0.023	0.018	-0.05 (-0.10, -0.01)	0.003	0.010	-0.037	0.021	0.083	-0.04 (-0.08, 4.87e-	-0.031	0.021	0.150	-0.03 (-0.07, 0.01)
12939_1	POLR1C	O15160	211	-0.004	0.013	0.779	-3.75e-03 (-0.03, 0.02	0.905	0.006	-0.065	0.026	0.014	-0.06 (-0.12, -0.01)	0.004	0.007	-0.023	0.022	0.308	-0.02 (-0.07, 0.02)	-0.009	0.024	0.718	-0.01 (-0.06, 0.04)
15298_199	NETO1	Q8TDF5	211	0.004	0.013	0.779	3.65e-03 (-0.02, 0.03)	0.905	0.016	-0.006	0.026	0.815	-0.01 (-0.06, 0.04)	0.001	0.665	-0.009	0.023	0.688	-0.01 (-0.06, 0.04)	-0.004	0.023	0.859	-4.07e-03 (-0.05, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
9402_18	DCBLD1	Q8N8Z6	211	0.003	0.012	0.779	3.26e-03 (-0.02, 0.03)	0.905	0.166	-0.051	0.024	0.034	-0.05 (-0.10, -4.22e-0	0.003	0.009	-0.028	0.020	0.166	-0.03 (-0.07, 0.01)	-0.024	0.024	0.331	-0.02 (-0.07, 0.02)
9040_144	EPDR1	Q9UM22	211	0.003	0.012	0.779	3.30e-03 (-0.02, 0.03)	0.905	0.233	-0.044	0.024	0.068	-0.04 (-0.09, 2.98e-03	0.003	0.023	-0.007	0.020	0.741	-0.01 (-0.05, 0.03)	-0.018	0.023	0.444	-0.02 (-0.06, 0.03)
17455_42	FOLR1	P15328	211	0.004	0.013	0.781	3.62e-03 (-0.02, 0.03)	0.907	0.034	-0.014	0.026	0.585	-0.01 (-0.06, 0.04)	0.001	0.428	0.015	0.025	0.559	0.01 (-0.04, 0.06)	0.013	0.025	0.605	0.01 (-0.04, 0.06)
9959_60	TMEM59L	Q9UK28	211	-0.003	0.012	0.781	-3.26e-03 (-0.03, 0.02	0.907	0.067	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.003	-0.036	0.021	0.084	-0.04 (-0.08, 4.87e-	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)
12671_35	SULT1B1	O43704	211	-0.004	0.013	0.783	-3.66e-03 (-0.03, 0.02	0.908	0.009	-0.043	0.026	0.099	-0.04 (-0.09, 0.01)	0.002	0.081	0.012	0.025	0.629	0.01 (-0.04, 0.06)	0.011	0.022	0.632	0.01 (-0.03, 0.05)
14013_11	TANK	Q92844	211	-0.003	0.013	0.783	-3.48e-03 (-0.03, 0.02	0.908	0.044	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)	0.002	0.117	-0.032	0.023	0.164	-0.03 (-0.08, 0.01)	-0.038	0.024	0.118	-0.04 (-0.08, 0.01)
15358_28	SCG5	P05408	211	0.004	0.014	0.783	3.92e-03 (-0.02, 0.03)	0.908	6.43E-05	-0.069	0.028	0.013	-0.07 (-0.12, -0.01)	0.005	0.003	-0.006	0.024	0.786	-0.01 (-0.05, 0.04)	0.002	0.024	0.917	2.48e-03 (-0.04, 0.05)
2645_54	PRKCZ	Q05513	211	-0.003	0.012	0.782	-3.24e-03 (-0.03, 0.02	0.908	0.415	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	0.003	0.013	-0.037	0.022	0.102	-0.04 (-0.08, 0.01)	-0.044	0.025	0.079	-0.04 (-0.09, 4.90e-03)
16060_99	NID2	Q14112	211	0.004	0.013	0.784	3.68e-03 (-0.02, 0.03)	0.908	0.003	-0.040	0.026	0.129	-0.04 (-0.09, 0.01)	0.003	0.055	-0.031	0.021	0.137	-0.03 (-0.07, 0.01)	-0.045	0.026	0.079	-0.05 (-0.10, 0.01)
17327_3	CNPY3	Q9BT09	211	0.003	0.012	0.784	3.26e-03 (-0.02, 0.03)	0.908	0.116	-0.024	0.025	0.327	-0.02 (-0.07, 0.02)	0.002	0.198	-0.011	0.025	0.652	-0.01 (-0.06, 0.04)	-0.019	0.022	0.388	-0.02 (-0.06, 0.02)
18877_15	CNN2	Q99439	211	-0.003	0.012	0.785	-3.22e-03 (-0.03, 0.02	0.909	0.328	-0.028	0.024	0.235	-0.03 (-0.07, 0.02)	0.002	0.223	-0.033	0.022	0.141	-0.03 (-0.08, 0.01)	-0.032	0.025	0.194	-0.03 (-0.08, 0.02)
4301_58	TK1	P04183	211	-0.003	0.012	0.785	-3.24e-03 (-0.03, 0.02	0.909	0.105	-0.061	0.025	0.014	-0.06 (-0.11, -0.01)	0.004	0.007	-0.026	0.024	0.269	-0.03 (-0.07, 0.02)	-0.012	0.023	0.623	-0.01 (-0.06, 0.03)
9934_29	PITPNA	Q00169	211	-0.004	0.013	0.785	-3.69e-03 (-0.03, 0.02	0.909	0.001	-0.052	0.027	0.054	-0.05 (-0.10, 5.49e-04	0.003	0.038	-0.032	0.021	0.123	-0.03 (-0.07, 0.01)	-0.032	0.023	0.166	-0.03 (-0.08, 0.01)
10390_21	ZNRF3	Q9ULT6	211	0.003	0.012	0.788	3.21e-03 (-0.02, 0.03)	0.909	0.246	-0.048	0.024	0.048	-0.05 (-0.10, -6.91e-0	0.003	0.015	-0.014	0.020	0.473	-0.01 (-0.05, 0.02)	-0.029	0.022	0.201	-0.03 (-0.07, 0.02)
12580_7	PSMB5	P28074	211	-0.003	0.013	0.786	-3.44e-03 (-0.03, 0.02	0.909	0.044	-0.052	0.025	0.038	-0.05 (-0.10, -3.29e-0	0.003	0.025	-0.021	0.024	0.365	-0.02 (-0.07, 0.02)	-0.010	0.022	0.649	-0.01 (-0.05, 0.03)
12808_103	CARHSP1	Q9Y2V2	211	0.003	0.012	0.789	3.17e-03 (-0.02, 0.03)	0.909	0.129	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)	0.002	0.147	-0.024	0.020	0.228	-0.02 (-0.06, 0.01)	-0.030	0.024	0.202	-0.03 (-0.08, 0.02)
12826_5	SLC5A5	Q92911	211	0.003	0.013	0.789	3.49e-03 (-0.02, 0.03)	0.909	0.008	-0.027	0.026	0.289	-0.03 (-0.08, 0.02)	0.002	0.167	-0.022	0.023	0.342	-0.02 (-0.07, 0.02)	-0.035	0.024	0.142	-0.04 (-0.08, 0.01)
13111_79	BCL6	P41182	211	0.003	0.012	0.789	3.16e-03 (-0.02, 0.03)	0.909	0.128	-0.045	0.024	0.069	-0.04 (-0.09, 3.21e-03	0.003	0.024	-0.020	0.024	0.393	-0.02 (-0.07, 0.03)	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)
13958_5	RBM46	Q8TBY0	211	0.003	0.012	0.790	3.08e-03 (-0.02, 0.03)	0.909	0.369	-0.037	0.023	0.112	-0.04 (-0.08, 0.01)	0.003	0.046	-0.032	0.022	0.140	-0.03 (-0.08, 0.01)	-0.042	0.023	0.071	-0.04 (-0.09, 3.39e-03)
14098_28	CARS	P49589	211	0.003	0.013	0.788	3.45e-03 (-0.02, 0.03)	0.909	0.049	-0.040	0.025	0.112	-0.04 (-0.09, 0.01)	0.003	0.046	-0.021	0.019	0.273	-0.02 (-0.06, 0.02)	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)
17453_34	CP	P00450	211	0.004	0.014	0.789	3.73e-03 (-0.02, 0.03)	0.909	1.87E-04	-0.049	0.027	0.076	-0.05 (-0.10, 4.77e-03	0.003	0.027	-0.013	0.024	0.588	-0.01 (-0.06, 0.03)	-0.013	0.024	0.587	-0.01 (-0.06, 0.03)
18181_2	TSSC4	Q9Y5U2	211	0.003	0.012	0.789	3.18e-03 (-0.02, 0.03)	0.909	0.089	-0.046	0.025	0.063	-0.05 (-0.10, 2.27e-03	0.003	0.022	-0.021	0.019	0.263	-0.02 (-0.06, 0.02)	-0.040	0.023	0.086	-0.04 (-0.09, 0.01)
18302_204	ZWILCH	Q9H900	211	0.004	0.014	0.789	3.69e-03 (-0.02, 0.03)	0.909	0.001	-0.073	0.027	0.007	-0.07 (-0.13, -0.02)	0.005	0.001	-0.013	0.023	0.561	-0.01 (-0.06, 0.03)	-0.009	0.024	0.698	-0.01 (-0.06, 0.04)
18330_7	PGM2	Q96G03	211	0.003	0.012	0.787	3.17e-03 (-0.02, 0.03)	0.909	0.314	-0.010	0.024	0.691	-0.01 (-0.06, 0.04)	0.001	0.541	-0.006	0.023	0.809	-0.01 (-0.05, 0.04)	-0.001	0.024	0.954	-1.41e-03 (-0.05, 0.05)
2734_49	NCR2	O95944	211	0.003	0.012	0.788	3.12e-03 (-0.02, 0.03)	0.909	0.313	-0.050	0.023	0.034	-0.05 (-0.10, -4.11e-0	0.003	0.009	-0.015	0.021	0.467	-0.02 (-0.06, 0.03)	-0.024	0.021	0.255	-0.02 (-0.07, 0.02)
3065_65	FGF5	P12034	211	0.003	0.012	0.788	3.13e-03 (-0.02, 0.03)	0.909	0.322	-0.038	0.023	0.103	-0.04 (-0.08, 0.01)	0.003	0.041	-0.028	0.022	0.210	-0.03 (-0.07, 0.02)	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)
3178_5	CTSC	P53634	211	0.003	0.012	0.786	3.22e-03 (-0.02, 0.03)	0.909	0.241	-0.053	0.024	0.028	-0.05 (-0.10, -0.01)	0.004	0.007	-0.010	0.021	0.625	-0.01 (-0.05, 0.03)	-0.010	0.023	0.652	-0.01 (-0.05, 0.03)
4436_1	ENTPD3	O75355	211	-0.003	0.012	0.790	-3.18e-03 (-0.03, 0.02	0.909	0.092	-0.069	0.025	0.006	-0.07 (-0.12, -0.02)	0.004	0.002	-0.018	0.021	0.411	-0.02 (-0.06, 0.02)	-0.016	0.025	0.532	-0.02 (-0.07, 0.03)
5260_80	TYK2	P29597	211	0.003	0.012	0.788	3.16e-03 (-0.02, 0.03)	0.909	0.226	-0.046	0.024	0.054	-0.05 (-0.09, 4.91e-04	0.003	0.017	-0.036	0.020	0.075	-0.04 (-0.08, 3.70e-	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)
5634_39	POFUT1	Q9H488	211	0.004	0.014	0.789	3.84e-03 (-0.02, 0.03)	0.909	3.41E-05	-0.056	0.028	0.047	-0.06 (-0.11, -1.18e-0	0.004	0.014	-0.028	0.020	0.163	-0.03 (-0.07, 0.01)	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)
6940_18	JPH1	Q9HDC5	211	0.003	0.012	0.788	3.17e-03 (-0.02, 0.03)	0.909	0.117	-0.044	0.025	0.074	-0.04 (-0.09, 4.10e-03	0.003	0.028	-0.004	0.024	0.864	-4.15e-03 (-0.05, 0.	-0.011	0.024	0.655	-0.01 (-0.06, 0.04)
6998_106	ASPH	Q12797	211	0.003	0.012	0.789	3.15e-03 (-0.02, 0.03)	0.909	0.326	-0.039	0.024	0.102	-0.04 (-0.09, 0.01)	0.003	0.041	-0.042	0.021	0.047	-0.04 (-0.08, -5.62e-	-0.036	0.025	0.155	-0.04 (-0.09, 0.01)
8635_283	ZPBP	Q9BS86	211	0.004	0.013	0.789	3.54e-03 (-0.02, 0.03)	0.909	0.015	-0.070	0.026	0.007	-0.07 (-0.12, -0.02)	0.005	0.001	-0.020	0.020	0.331	-0.02 (-0.06, 0.02)	-0.027	0.024	0.272	-0.03 (-0.07, 0.02)
8885_6	CACNA2D	Q8IZS8	211	-0.005	0.017	0.786	-4.57e-03 (-0.04, 0.03	0.909	6.20E-15	0.023	0.033	0.482	0.02 (-0.04, 0.09)	-0.002	0.331	0.021	0.024	0.388	0.02 (-0.03, 0.07)	0.043	0.027	0.112	0.04 (-0.01, 0.10)
9064_12	RNF215	Q9Y6U7	211	-0.003	0.013	0.790	-3.40e-03 (-0.03, 0.02	0.909	0.026	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)	0.004	0.005	-0.009	0.021	0.647	-0.01 (-0.05, 0.03)	-0.036	0.027	0.186	-0.04 (-0.09, 0.02)
9290_8	RMDN3	Q96TC7	211	-0.003	0.012	0.786	-3.18e-03 (-0.03, 0.02	0.909	0.227	-0.052	0.024	0.032	-0.05 (-0.10, -4.85e-0	0.003	0.020	-0.024	0.020	0.243	-0.02 (-0.06, 0.02)	-0.024	0.024	0.318	-0.02 (-0.07, 0.02)
9486_13	DEFB125	Q8N687	211	-0.003	0.012	0.787	-3.12e-03 (-0.03, 0.02	0.909	0.406	0.005	0.023	0.838	4.76e-03 (-0.04, 0.05)	0.000	0.695	-0.018	0.022	0.415	-0.02 (-0.06, 0.03)	-0.007	0.024	0.778	-0.01 (-0.05, 0.04)
9869_28	NFKB1	P19838	211	0.003	0.012	0.786	3.20e-03 (-0.02, 0.03)	0.909	0.121	-0.012	0.025	0.624	-0.01 (-0.06, 0.04)	0.001	0.473	-0.019	0.020	0.328	-0.02 (-0.06, 0.02)	-0.044	0.027	0.109	-0.04 (-0.10, 0.01)
9928_125	LECT1	O75829	211	0.003	0.012	0.790	3.14e-03 (-0.02, 0.03)	0.909	0.106	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)	0.002	0.094	-0.014	0.021	0.521	-0.01 (-0.06, 0.03)	-0.010	0.023	0.656	-0.01 (-0.06, 0.03)
8969_49	CD14	P08571	211	0.003	0.012	0.791	3.17e-03 (-0.02, 0.03)	0.911	0.065	-0.012	0.026	0.642	-0.01 (-0.06, 0.04)	0.001	0.495	-0.024	0.023	0.300	-0.02 (-0.07, 0.02)	-0.017	0.025	0.493	-0.02 (-0.07, 0.03)
8221_19	MIF	P14174	211	0.003	0.012	0.791	3.09e-03 (-0.02, 0.03)	0.911	0.293	0.000	0.024	0.995	-1.42e-04 (-0.05, 0.05	0.000	0.875	0.029	0.021	0.169	0.03 (-0.01, 0.07)	0.016	0.023	0.465	0.02 (-0.03, 0.06)
13587_10	RACGAP1	Q9H0H5	211	0.004	0.015	0.792	4.05e-03 (-0.03, 0.03)	0.911	4.80E-10	-0.024	0.030	0.432	-0.02 (-0.08, 0.04)	0.002	0.288	0.030	0.022	0.166	0.03 (-0.01, 0.07)	0.024	0.021	0.267	0.02 (-0.02, 0.07)
17516_7	RAB3A	P20336	211	0.003	0.012	0.792	3.09e-03 (-0.02, 0.03)	0.911	0.137	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.011	0.019	0.581	-0.01 (-0.05, 0.03)	-0.028	0.023	0.224	-0.03 (-0.07, 0.02)
6925_26	SNX8	Q9Y5X2	211	-0.004	0.013	0.792	-3.56e-03 (-0.03, 0.02	0.911	0.009	-0.032	0.027	0.231	-0.03 (-0.08, 0.02)	0.002	0.218	-0.046	0.020	0.022	-0.05 (-0.08, -0.01)	-0.059	0.026	0.024	-0.06 (-0.11, -0.01)
2906_55	IL4	P05112	211	0.003	0.012	0.792	3.08e-03 (-0.02, 0.03)	0.911	0.499	-0.048	0.023	0.040	-0.05 (-0.09, -2.51e-0	0.003	0.012	-0.014	0.019	0.456	-0.01 (-0.05, 0.02)	-0.027	0.023	0.246	-0.03 (-0.07, 0.02)
4708_3	HSD17B1	P14061	211	0.003	0.012	0.793	3.04e-03 (-0.02, 0.03)	0.911	0.227	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)	0.003	0.007	-0.031	0.021	0.131	-0.03 (-0.07, 0.01)	-0.032	0.023	0.160	-0.03 (-0.08, 0.01)
4540_11	CBX5	P45973	211	0.003	0.013	0.793	3.45e-03 (-0.02, 0.03)	0.911	0.010	-0.072	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	-0.022	0.021	0.285	-0.02 (-0.06, 0.02)	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)
13589_10	APBB3	O95704	211	0.003	0.012	0.794	3.07e-03 (-0.02, 0.03)	0.912	0.142	-0.042	0.024	0.089	-0.04 (-0.09, 0.01)	0.003	0.035	-0.003	0.025	0.915	-2.67e-03 (-0.05, 0.	-0.020	0.025	0.424	-0.02 (-0.07, 0.03)
19286_30	MYL5	Q02045	211	0.003	0.013	0.796	3.27e-03 (-0.02, 0.03)	0.914	0.035	-0.013	0.025	0.592	-0.01 (-0.06, 0.04)	0.001	0.440	0.007	0.025	0.790	0.01 (-0.04, 0.06)	0.003	0.025	0.896	3.30e-03 (-0.05, 0.05)
3806_55	EPHA5	P54756	211	-0.003	0.012	0.796	-3.01e-03 (-0.03, 0.02	0.914	0.055	0.022	0.025	0.390	0.02 (-0.03, 0.07)	-0.002	0.258	-0.008	0.023	0.733	-0.01 (-0.05, 0.04)	-0.005	0.024	0.840	-4.78e-03 (-0.05, 0.04)
6294_11	BAGE2	Q86Y30	211	0.003	0.013	0.796	3.33e-03 (-0.02, 0.03)	0.914	0.023	-0.060	0.025	0.017	-0.06 (-0.11, -0.01)	0.004	0.004	-0.022	0.020	0.253	-0.02 (-0.06, 0.02)	-0.038	0.026	0.138	-0.04 (-0.09, 0.01)
12781_2	TARBP2	Q15633	211	0.003	0.012	0.797	3.06e-03 (-0.02, 0.03)	0.914	0.052	-0.045	0.025	0.075	-0.05 (-0.09, 4.27e-03	0.003	0.028	-0.029	0.021	0.158	-0.03 (-0.07, 0.01)	-0.034	0.026	0.203	-0.03 (-0.09, 0.02)
18404_22	ANKRD54	Q6NXT1	211	0.003	0.013	0.797	3.47e-03 (-0.02, 0.03)	0.914	0.003	-0.063	0.026	0.018	-0.06 (-0.11, -0.01)	0.004	0.004	-0.036	0.020	0.076	-0.04 (-0.08, 3.74e-	-0.046	0.022	0.042	-0.05 (-0.09, -1.92e-03)
18875_125	COL2A1	P02458	211	-0.003	0.013	0.797	-3.28e-03 (-0.03, 0.02	0.914	0.001	-0.020	0.025	0.429	-0.02 (-0.07, 0.03)	0.001	0.443	-0.005	0.023	0.826	-0.01 (-0.05, 0.04)	-0.015	0.020	0.461	-0.01 (-0.05, 0.02)
14158_17	ANXA5	P08758	211	-0.003	0.013	0.797	-3.22e-03 (-0.03, 0.02	0.914	0.050	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	0.001	0.696	-0.007	0.024	0.763	-0.01 (-0.05, 0.04)	-0.013	0.022	0.548	-0.01 (-0.06, 0.03)
6352_8	INSRR	P14616	211	0.003	0.012	0.798	2.95e-03 (-0.02, 0.03)	0.915	0.616	-0.014	0.023	0.530	-0.01 (-0.06, 0.03)	0.001	0.382	0.017	0.022	0.447	0.02 (-0.03, 0.06)	0.005	0.024	0.834	0.01 (-0.04, 0.05)
3206_4	LYVE1	Q9Y5Y7	211	0.004	0.014	0.798	3.65e-03 (-0.02, 0.03)	0.915	0.001	0.002	0.028	0.951	1.72e-03 (-0.05, 0.06)	0.000	0.937	0.003	0.027	0.925	2.51e-03 (-0.05, 0.0	0.013	0.024	0.576	0.01 (-0.03, 0.06)
15432_1	OTOR	Q9NRC9	211	0.003	0.012	0.799	2.97e-03 (-0.02, 0.03)	0.915	0.063	-0.038	0.025	0.127	-0.04 (-0.09, 0.01)	0.003	0.057	-0.030	0.021	0.156	-0.03 (-0.07, 0.01)	-0.026	0.024	0.269	-0.03 (-0.07, 0.02)
2994_71	IL1RL2	Q9HB29	211	0.003	0.012	0.799	3.04e-03 (-0.02, 0.03)	0.915	0.256	-0.059	0.024	0.015	-0.06 (-0.11, -0.01)	0.004	0.003	-0.021	0.020	0.296	-0.02 (-0.06, 0.02)	-0.027	0.024	0.265	-0.03 (-0.07, 0.02)
3195_50	GNLY	P22749	211	0.004	0.016	0.799	4.10e-03 (-0.03, 0.04)	0.915	2.40E-12	0.001	0.032	0.970	1.19e-03 (-0.06, 0.06)	0.000	0.916	-0.016	0.024	0.510	-0.02 (-0.06, 0.03)	-0.025	0.024	0.293	-0.03 (-0.07, 0.02)
3879_50	CDC37	Q16543	211	-0.003	0.012	0.799	-3.01e-03 (-0.03, 0.02	0.915	0.249	-0.046	0.024	0.055	-0.05 (-0.09, 8.05e-04	0.003	0.038	-0.021	0.020	0.299	-0.02 (-0.06, 0.02)	-0.035	0.023	0.137	-0.03 (-0.08, 0.01)
7201_5	ISCU	Q9H1K1	211	0.003	0.012	0.799	2.97e-03 (-0.02, 0.03)	0.915	0.398	-0.038	0.023	0.104	-0.04 (-0.08, 0.01)	0.003	0.043	-0.021	0.019	0.260	-0.02 (-0.06, 0.02)	-0.030	0.025	0.216	-0.03 (-0.08, 0.02)
18316_75	SEPTIN3	Q9UH03	211	0.003	0.013	0.799	3.20e-03 (-0.02, 0.03)	0.915	0.039	-0.047	0.025	0.056	-0.05 (-0.10, 1.01e-03	0.003	0.019	-0.008	0.020	0.670	-0.01 (-0.05, 0.03)	-0.016	0.022	0.469	-0.02 (-0.06, 0.03)
3481_87	XPNPEP1	Q9NQW7	211	0.003	0.012	0.800	2.96e-03 (-0.02, 0.03)	0.915	0.242	-0.017	0.024	0.486	-0.02 (-0.06, 0.03)	0.001	0.343	-0.010	0.020	0.618	-0.01 (-0.05, 0.03)	-0.004	0.023	0.846	-4.50e-03 (-0.05, 0.04)
8046_9	LGALS1	P09382	211	0.003	0.012	0.800	2.95e-03 (-0.02, 0.03)	0.915	0.388	-0.034	0.023	0.142	-0.03 (-0.08, 0.01)	0.002	0.066	-0.034	0.019	0.070	-0.03 (-0.07, 2.76e-	-0.045	0.023	0.047	-0.05 (-0.09, -8.27e-04)
12575_30	MTHFD1	P11586	211	-0.003	0.012	0.800	-3.03e-03 (-0.03, 0.02	0.916	0.286	-0.021	0.024	0.397	-0.02 (-0.07, 0.03)	0.001	0.403	-0.036	0.022	0.099	-0.04 (-0.08, 0.01)	-0.029	0.024	0.221	-0.03 (-0.08, 0.02)
18268_5	GAGE2A	Q6NT46	211	0.003	0.012	0.801	2.92e-03 (-0.02, 0.03)	0.916	0.254	-0.038	0.024	0.107	-0.04 (-0.08, 0.01)	0.003	0.045	-0.042	0.020	0.038	-0.04 (-0.08, -2.34e-	-0.037	0.021	0.089	-0.04 (-0.08, 0.01)
7959_34	CDH7	Q9ULB5	211	0.004	0.017	0.801	4.29e-03 (-0.03, 0.04)	0.916	7.29E-16	-0.033	0.034	0.336	-0.03 (-0.10, 0.03)	0.002	0.208	0.018	0.026	0.474	0.02 (-0.03, 0.07)	0.022	0.023	0.340	0.02 (-0.02, 0.07)
6392_7	WISP2	O76076	211	0.005	0.021	0.802	0.01 (-0.04, 0.05)	0.917	1.23E-41	-0.026	0.042	0.544	-0.03 (-0.11, 0.06)	0.002	0.396	-0.009	0.022	0.687	-0.01 (-0.05, 0.03)	0.000	0.025	0.994	-2.06e-04 (-0.05, 0.05)
9895_77	ERCC4	Q92889	211	0.003	0.012	0.802	2.88e-03 (-0.02, 0.03)	0.917	0.157	-0.029	0.024	0.218	-0.03 (-0.08, 0.02)	0.002	0.118	-0.013	0.020	0.490	-0.01 (-0.05, 0.02)	-0.041	0.023	0.075	-0.04 (-0.09, 3.89e-03)
9742_59	DDX39B	Q13838	211	-0.003	0.013	0.802	-3.29e-03 (-0.03, 0.02	0.917	0.015	-0.072	0.025	0.005	-0.07 (-0.12, -0.02)	0.004	0.002	-0.029	0.020	0.138	-0.03 (-0.07, 0.01)	-0.051	0.027	0.057	-0.05 (-0.10, 1.23e-03)
12616_45	NRBP1	Q9UHY1	211	0.003	0.014	0.804	3.45e-03 (-0.02, 0.03)	0.917	2.86E-04	-0.069	0.027	0.012	-0.07 (-0.12, -0.02)	0.005	0.002	-0.018	0.023	0.447	-0.02 (-0.06, 0.03)	-0.020	0.025	0.423	-0.02 (-0.07, 0.03)
14587_16	GDF11	O95390	211	0.003	0.013	0.804	3.21e-03 (-0.02, 0.03)	0.917	0.008	-0.037	0.026	0.150	-0.04 (-0.09, 0.01)	0.003	0.071	-0.029	0.024	0.230	-0.03 (-0.08, 0.02)	-0.037	0.025	0.137	-0.04 (-0.09, 0.01)
17148_7	BLVRB	P30043	211	-0.003	0.013	0.803	-3.30e-03 (-0.03, 0.02	0.917	0.007	-0.042	0.026	0.108	-0.04 (-0.09, 0.01)	0.002	0.087	-0.022	0.020	0.263	-0.02 (-0.06, 0.02)	-0.022	0.025	0.385	-0.02 (-0.07, 0.03)
19367_34	DCI	P42126	211	0.003	0.013	0.803	3.20e-03 (-0.02, 0.03)	0.917	0.037	0.000	0.026	0.985	-4.86e-04 (-0.05, 0.05	0.000	0.867	-0.019	0.024	0.413	-0.02 (-0.07, 0.03)	-0.007	0.025	0.778	-0.01 (-0.06, 0.04)
4156_74	TGFB2	P61812	211	0.003	0.012	0.803	2.92e-03 (-0.02, 0.03)	0.917	0.210	-0.023	0.024	0.337	-0.02 (-0.07, 0.02)	0.002	0.211	-0.029	0.022	0.199	-0.03 (-0.07, 0.02)	-0.029	0.026	0.257	-0.03 (-0.08, 0.02)
4547_59	FLRT1	Q9NZU1	211	0.003	0.012	0.804	2.93e-03 (-0.02, 0.03)	0.917	0.092	-0.044	0.025	0.079	-0.04 (-0.09, 4.78e-03	0.003	0.030	-0.021	0.020	0.303	-0.02 (-0.06, 0.02)	-0.028	0.024	0.241	-0.03 (-0.08, 0.02)
6453_70	LILRB4	Q8NHJ6	211	0.003	0.014	0.804	3.36e-03 (-0.02, 0.03)	0.917	0.005	-0.030	0.027	0.270	-0.03 (-0.08, 0.02)	0.002	0.156	-0.025	0.022	0.249	-0.03 (-0.07, 0.02)	-0.023	0.026	0.384	-0.02 (-0.07, 0.03)
6917_49	LRRC3	Q9BY71	211	0.003	0.012	0.804	2.86e-03 (-0.02, 0.03)	0.917	0.323	-0.024	0.023	0.303	-0.02 (-0.07, 0.02)	0.002	0.182	-0.009	0.020	0.635	-0.01 (-0.05, 0.03)	-0.020	0.024	0.398	-0.02 (-0.07, 0.03)
7175_4	PCDHGA2	Q9Y5H1	211	0.003	0.012	0.804	2.87e-03 (-0.02, 0.03)	0.917	0.072	-0.004	0.024	0.876	-3.77e-03 (-0.05, 0.04	0.000	0.748	0.001	0.025	0.955	1.39e-03 (-0.05, 0.0	0.009	0.023	0.701	0.01 (-0.04, 0.05)
17823_40	SNRPD2	P62316	211	0.003	0.013	0.805	3.15e-03 (-0.02, 0.03)	0.918	0.035	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.003	0.042	-0.029	0.020	0.145	-0.03 (-0.07, 0.01)	-0.027	0.024	0.258	-0.03 (-0.07, 0.02)
16315_105	FLT1	P17948	211	-0.003	0.012	0.805	-2.95e-03 (-0.03, 0.02	0.918	0.745	-0.031	0.024	0.187	-0.03 (-0.08, 0.02)	0.002	0.166	-0.033	0.020	0.096	-0.03 (-0.07, 0.01)	-0.045	0.026	0.081	-0.05 (-0.10, 0.01)
15444_45	SERPINB4	P48594	211	-0.003	0.011	0.806	-2.83e-03 (-0.03, 0.02	0.918	0.480	-0.017	0.023	0.450	-0.02 (-0.06, 0.03)	0.001	0.464	-0.023	0.024	0.334	-0.02 (-0.07, 0.02)	-0.024	0.024	0.321	-0.02 (-0.07, 0.02)
11468_15	RBM19	Q9Y4C8	211	0.003	0.013	0.806	3.24e-03 (-0.02, 0.03)	0.918	0.017	-0.003	0.026	0.896	-3.44e-03 (-0.05, 0.05	0.000	0.769	0.013	0.023	0.579	0.01 (-0.03, 0.06)	-0.003	0.024	0.914	-2.54e-03 (-0.05, 0.04)
6491_59	KLK15	Q9H2R5	211	0.003	0.014	0.806	3.34e-03 (-0.02, 0.03)	0.918	0.003	-0.050	0.027	0.062	-0.05 (-0.10, 2.25e-03	0.003	0.021	-0.010	0.019	0.590	-0.01 (-0.05, 0.03)	-0.040	0.024	0.103	-0.04 (-0.09, 0.01)
12350_86	ETS2	P15036	211	0.003	0.012	0.807	2.95e-03 (-0.02, 0.03)	0.918	0.458	-0.034	0.024	0.162	-0.03 (-0.08, 0.01)	0.002	0.078	-0.008	0.024	0.757	-0.01 (-0.06, 0.04)	-0.009	0.024	0.714	-0.01 (-0.06, 0.04)
7865_126	PLA2G16	P53816	211	0.003	0.012	0.807	2.82e-03 (-0.02, 0.03)	0.918	0.154	-0.037	0.024	0.121	-0.04 (-0.08, 0.01)	0.003	0.054	-0.025	0.020	0.207	-0.03 (-0.06, 0.01)	-0.031	0.024	0.200	-0.03 (-0.08, 0.02)
8336_267	GRAMD1C	Q8IYS0	211	0.003	0.012	0.807	2.89e-03 (-0.02, 0.03)	0.918	0.149	-0.057	0.024	0.020	-0.06 (-0.10, -0.01)	0.004	0.005	-0.029	0.020	0.145	-0.03 (-0.07, 0.01)	-0.030	0.022	0.182	-0.03 (-0.07, 0.01)
8963_8	VTI1B	Q9UEU0	211	-0.003	0.012	0.807	-2.87e-03 (-0.03, 0.02	0.918	0.202	-0.037	0.024	0.130	-0.04 (-0.08, 0.01)	0.002	0.106	-0.036	0.021	0.082	-0.04 (-0.08, 4.59e-	-0.027	0.023	0.255	-0.03 (-0.07, 0.02)
17383_4	STARD5	Q9NSY2	211	-0.003	0.013	0.807	-3.24e-03 (-0.03, 0.02	0.918	0.009	-0.043	0.026	0.101	-0.04 (-0.09, 0.01)	0.003	0.079	-0.038	0.022	0.078	-0.04 (-0.08, 4.31e-	-0.032	0.024	0.179	-0.03 (-0.08, 0.01)
15402_2	ID1	P41134	211	0.003	0.012	0.808	2.82e-03 (-0.02, 0.03)	0.919	0.133	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)	0.002	0.112	-0.015	0.020	0.454	-0.02 (-0.05, 0.02)	-0.024	0.022	0.284	-0.02 (-0.07, 0.02)
2666_53	DCN	P07585	211	0.003	0.012	0.808	2.87e-03 (-0.02, 0.03)	0.919	0.350	-0.032	0.024	0.182	-0.03 (-0.08, 0.01)	0.002	0.092	-0.027	0.019	0.148	-0.03 (-0.06, 0.01)	-0.033	0.022	0.135	-0.03 (-0.08, 0.01)
10700_10	IGSF11	Q5DX21	211	0.003	0.013	0.809	3.04e-03 (-0.02, 0.03)	0.919	0.038	-0.010	0.025	0.694	-0.01 (-0.06, 0.04)	0.001	0.551	-0.029	0.021	0.160	-0.03 (-0.07, 0.01)	-0.019	0.024	0.438	-0.02 (-0.07, 0.03)
13130_150	HK2	P52789	211	0.003	0.013	0.809	3.25e-03 (-0.02, 0.03)	0.919	0.005	-0.049	0.026	0.064	-0.05 (-0.10, 2.57e-03	0.003	0.023	-0.025	0.020	0.197	-0.03 (-0.06, 0.01)	-0.044	0.025	0.081	-0.04 (-0.09, 0.01)
17224_12	OGN	P20774	211	-0.003	0.013	0.809	-3.08e-03 (-0.03, 0.02	0.919	0.006	-0.020	0.025	0.440	-0.02 (-0.07, 0.03)	0.001	0.451	-0.030	0.021	0.167	-0.03 (-0.07, 0.01)	-0.027	0.022	0.227	-0.03 (-0.07, 0.02)
3902_21	SKP1	P63208	211	0.003	0.013	0.809	3.14e-03 (-0.02, 0.03)	0.919	0.026	-0.019	0.026	0.463	-0.02 (-0.07, 0.03)	0.001	0.323	-0.035	0.020	0.090	-0.03 (-0.07, 0.01)	-0.034	0.024	0.154	-0.03 (-0.08, 0.01)
11911_13	LRRC4B	Q9NT99	211	0.003	0.012	0.810	2.80e-03 (-0.02, 0.03)	0.919	0.263	-0.043	0.024	0.073	-0.04 (-0.09, 3.76e-03	0.003	0.027	-0.032	0.021	0.124	-0.03 (-0.07, 0.01)	-0.031	0.024	0.195	-0.03 (-0.08, 0.02)
12690_33	SEPTIN10	Q9P0V9	211	0.003	0.013	0.812	3.17e-03 (-0.02, 0.03)	0.919	0.006	-0.049	0.026	0.066	-0.05 (-0.10, 2.85e-03	0.003	0.024	-0.007	0.025	0.780	-0.01 (-0.06, 0.04)	-0.003	0.024	0.899	-3.01e-03 (-0.05, 0.04)
12945_33	RAB18	Q9NP72	211	0.003	0.012	0.812	2.80e-03 (-0.02, 0.03)	0.919	0.261	-0.038	0.024	0.110	-0.04 (-0.09, 0.01)	0.003	0.048	-0.012	0.024	0.614	-0.01 (-0.06, 0.04)	-0.002	0.023	0.923	-2.18e-03 (-0.05, 0.04)
14009_65	TNFAIP3	P21580	211	-0.003	0.012	0.811	-2.87e-03 (-0.03, 0.02	0.919	0.128	-0.038	0.025	0.133	-0.04 (-0.09, 0.01)	0.002	0.108	-0.043	0.022	0.055	-0.04 (-0.09, 9.51e-	-0.050	0.025	0.042	-0.05 (-0.10, -2.17e-03)
16851_50	SCO2	O43819	211	-0.003	0.012	0.811	-2.77e-03 (-0.03, 0.02	0.919	0.189	-0.042	0.024	0.082	-0.04 (-0.09, 0.01)	0.002	0.060	-0.022	0.021	0.292	-0.02 (-0.06, 0.02)	-0.027	0.024	0.268	-0.03 (-0.07, 0.02)
17474_106	YEATS4	O95619	211	0.003	0.012	0.810	2.81e-03 (-0.02, 0.03)	0.919	0.066	-0.060	0.024	0.016	-0.06 (-0.11, -0.01)	0.004	0.003	0.003	0.019	0.859	3.47e-03 (-0.03, 0.0	-0.008	0.024	0.724	-0.01 (-0.05, 0.04)
2619_72	TACSTD2	P09758	211	-0.003	0.013	0.811	-3.19e-03 (-0.03, 0.02	0.919	0.006	-0.042	0.026	0.113	-0.04 (-0.09, 0.01)	0.002	0.090	-0.037	0.020	0.071	-0.04 (-0.08, 3.16e-	-0.036	0.024	0.136	-0.04 (-0.08, 0.01)
2999_6	LSAMP	Q13449	211	-0.003	0.014	0.812	-3.42e-03 (-0.03, 0.02	0.919	5.39E-05	0.057	0.028	0.043	0.06 (2.20e-03, 0.11)	-0.004	0.013	0.025	0.024	0.282	0.03 (-0.02, 0.07)	0.023	0.025	0.368	0.02 (-0.03, 0.07)
3435_53	FN1	P02751	211	0.003	0.012	0.810	2.76e-03 (-0.02, 0.03)	0.919	0.134	-0.041	0.024	0.088	-0.04 (-0.09, 0.01)	0.003	0.035	-0.018	0.024	0.442	-0.02 (-0.06, 0.03)	-0.017	0.023	0.457	-0.02 (-0.06, 0.03)
4811_33	ITIH4	Q14624	211	0.003	0.014	0.811	3.41e-03 (-0.02, 0.03)	0.919	9.89E-05	-0.043	0.028	0.134	-0.04 (-0.10, 0.01)	0.003	0.062	-0.021	0.024	0.384	-0.02 (-0.07, 0.03)	-0.016	0.024	0.512	-0.02 (-0.06, 0.03)
8916_32	STIM1	Q13586	211	-0.003	0.012	0.811	-2.82e-03 (-0.03, 0.02	0.919	0.163	-0.035	0.024	0.148	-0.04 (-0.08, 0.01)	0.002	0.123	-0.035	0.021	0.093	-0.04 (-0.08, 0.01)	-0.036	0.024	0.145	-0.04 (-0.08, 0.01)
8967_6	DUSP26	Q9BV47	211	0.003	0.014	0.811	3.24e-03 (-0.02, 0.03)	0.919	0.002	-0.058	0.026	0.029	-0.06 (-0.11, -0.01)	0.004	0.008	-0.016	0.021	0.436	-0.02 (-0.06, 0.02)	-0.020	0.025	0.411	-0.02 (-0.07, 0.03)
9898_161	ARID1A	O14497	211	0.003	0.012	0.811	2.80e-03 (-0.02, 0.03)	0.919	0.307	-0.048	0.023	0.043	-0.05 (-0.09, -1.69e-0	0.003	0.013	-0.022	0.023	0.340	-0.02 (-0.07, 0.02)	-0.012	0.023	0.603	-0.01 (-0.06, 0.03)
11129_66	BMP15	O95972	211	0.003	0.013	0.813	3.10e-03 (-0.02, 0.03)	0.921	0.003	-0.062	0.026	0.016	-0.06 (-0.11, -0.01)	0.004	0.003	-0.023	0.020	0.244	-0.02 (-0.06, 0.02)	-0.040	0.023	0.076	-0.04 (-0.08, 4.05e-03)
6899_37	PCBD2	Q9H0N5	211	-0.005	0.020	0.814	-4.63e-03 (-0.04, 0.03	0.921	2.64E-35	-0.019	0.039	0.626	-0.02 (-0.10, 0.06)	0.001	0.669	-0.031	0.022	0.157	-0.03 (-0.07, 0.01)	-0.030	0.025	0.225	-0.03 (-0.08, 0.02)
6961_14	IGFL3	Q6UXB1	211	0.003	0.014	0.814	3.18e-03 (-0.02, 0.03)	0.921	0.004	-0.065	0.026	0.015	-0.06 (-0.12, -0.01)	0.004	0.003	-0.015	0.022	0.486	-0.02 (-0.06, 0.03)	-0.009	0.026	0.736	-0.01 (-0.06, 0.04)
5604_30	HPSE	Q9Y251	211	0.003	0.012	0.814	2.79e-03 (-0.02, 0.03)	0.921	0.073	-0.061	0.025	0.015	-0.06 (-0.11, -0.01)	0.004	0.003	-0.024	0.019	0.206	-0.02 (-0.06, 0.01)	-0.042	0.023	0.062	-0.04 (-0.09, 1.89e-03)
13039_1	PPP1R8	Q12972	211	-0.003	0.013	0.814	-2.99e-03 (-0.03, 0.02	0.921	0.015	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)	0.002	0.084	-0.002	0.023	0.926	-2.16e-03 (-0.05, 0.	-0.010	0.022	0.636	-0.01 (-0.05, 0.03)
12546_1	SMTN	P53814	211	0.003	0.012	0.815	2.78e-03 (-0.02, 0.03)	0.921	0.083	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)	0.003	0.052	-0.033	0.020	0.092	-0.03 (-0.07, 0.01)	-0.045	0.025	0.074	-0.05 (-0.09, 4.14e-03)
11837_7	TNFRSF18	Q9Y5U5	211	0.003	0.012	0.815	2.69e-03 (-0.02, 0.03)	0.921	0.117	-0.035	0.024	0.140	-0.04 (-0.08, 0.01)	0.002	0.066	-0.028	0.024	0.240	-0.03 (-0.08, 0.02)	-0.033	0.025	0.183	-0.03 (-0.08, 0.02)
12484_67	PITPNB	P48739	211	0.003	0.013	0.815	3.15e-03 (-0.02, 0.03)	0.921	0.002	-0.069	0.026	0.009	-0.07 (-0.12, -0.02)	0.005	0.002	-0.021	0.022	0.349	-0.02 (-0.06, 0.02)	-0.018	0.023	0.444	-0.02 (-0.06, 0.03)
2976_58	DSG1	Q02413	211	0.003	0.013	0.815	3.05e-03 (-0.02, 0.03)	0.922	0.030	-0.062	0.025	0.015	-0.06 (-0.11, -0.01)	0.004	0.003	-0.020	0.023	0.374	-0.02 (-0.07, 0.02)	-0.014	0.025	0.565	-0.01 (-0.06, 0.03)
2828_82	SPINT1	O43278	211	-0.003	0.014	0.816	-3.28e-03 (-0.03, 0.02	0.922	0.001	0.023	0.028	0.406	0.02 (-0.03, 0.08)	-0.002	0.273	0.000	0.025	0.987	-3.97e-04 (-0.05, 0.	0.006	0.027	0.812	0.01 (-0.05, 0.06)
12662_82	ECH1	Q13011	211	-0.003	0.012	0.816	-2.68e-03 (-0.03, 0.02	0.922	0.568	-0.002	0.023	0.923	-2.21e-03 (-0.05, 0.04	0.000	0.981	0.003	0.024	0.906	2.82e-03 (-0.04, 0.0	-0.010	0.023	0.670	-0.01 (-0.06, 0.04)
12846_3	FBXL5	Q9UKA1	211	0.003	0.013	0.816	3.10e-03 (-0.02, 0.03)	0.922	0.007	-0.032	0.027	0.222	-0.03 (-0.08, 0.02)	0.002	0.122	-0.010	0.025	0.695	-0.01 (-0.06, 0.04)	-0.011	0.026	0.664	-0.01 (-0.06, 0.04)
3029_52	CD209	Q9NNX6	211	-0.003	0.012	0.817	-2.71e-03 (-0.03, 0.02	0.922	0.509	-0.009	0.023	0.697	-0.01 (-0.05, 0.04)	0.000	0.752	-0.010	0.025	0.700	-0.01 (-0.06, 0.04)	-0.007	0.023	0.759	-0.01 (-0.05, 0.04)
5753_21	FAM19A1	Q7Z5A9	211	0.003	0.012	0.816	2.70e-03 (-0.02, 0.03)	0.922	0.185	-0.050	0.024	0.037	-0.05 (-0.10, -3.33e-0	0.003	0.011	-0.011	0.020	0.585	-0.01 (-0.05, 0.03)	-0.018	0.022	0.433	-0.02 (-0.06, 0.03)
9590_10	COX7A2L	O14548	211	0.003	0.011	0.817	2.66e-03 (-0.02, 0.03)	0.922	0.138	-0.016	0.024	0.507	-0.02 (-0.06, 0.03)	0.001	0.370	-0.014	0.024	0.567	-0.01 (-0.06, 0.03)	-0.016	0.023	0.476	-0.02 (-0.06, 0.03)
5097_14	KIR3DS1	Q14943	211	0.003	0.012	0.817	2.69e-03 (-0.02, 0.03)	0.922	0.583	-0.036	0.023	0.125	-0.04 (-0.08, 0.01)	0.002	0.056	-0.019	0.023	0.413	-0.02 (-0.06, 0.03)	-0.021	0.023	0.363	-0.02 (-0.07, 0.02)
13565_2	RBL2	Q08999	211	-0.004	0.015	0.819	-3.50e-03 (-0.03, 0.03	0.924	1.09E-10	0.004	0.030	0.897	3.95e-03 (-0.06, 0.06)	0.000	0.777	-0.001	0.025	0.982	-5.57e-04 (-0.05, 0.	-0.017	0.024	0.481	-0.02 (-0.07, 0.03)
4965_27	ATP5B	P06576	211	0.003	0.013	0.820	3.01e-03 (-0.02, 0.03)	0.924	0.004	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.013	0.022	0.539	-0.01 (-0.06, 0.03)	-0.016	0.025	0.521	-0.02 (-0.07, 0.03)
10603_1	HTN3	P15516	211	0.003	0.014	0.821	3.10e-03 (-0.02, 0.03)	0.925	0.002	0.019	0.027	0.493	0.02 (-0.03, 0.07)	-0.001	0.508	0.026	0.024	0.274	0.03 (-0.02, 0.07)	0.021	0.024	0.392	0.02 (-0.03, 0.07)
11190_129	YME1L1	Q96TA2	211	0.003	0.012	0.822	2.62e-03 (-0.02, 0.03)	0.925	0.116	-0.065	0.024	0.007	-0.06 (-0.11, -0.02)	0.004	0.001	-0.036	0.022	0.097	-0.04 (-0.08, 0.01)	-0.043	0.023	0.064	-0.04 (-0.09, 2.31e-03)
15634_139	SLIT1	O75093	211	0.003	0.012	0.823	2.60e-03 (-0.02, 0.03)	0.925	0.145	-0.047	0.024	0.050	-0.05 (-0.09, -2.06e-0	0.003	0.017	-0.017	0.023	0.471	-0.02 (-0.06, 0.03)	-0.015	0.024	0.526	-0.01 (-0.06, 0.03)
19356_20	TOM1L2	Q6ZVM7	211	0.003	0.014	0.822	3.07e-03 (-0.02, 0.03)	0.925	0.001	-0.061	0.027	0.023	-0.06 (-0.11, -0.01)	0.004	0.006	-0.029	0.023	0.220	-0.03 (-0.07, 0.02)	-0.018	0.023	0.423	-0.02 (-0.06, 0.03)
19364_163	PCNA	P12004	211	-0.003	0.014	0.820	-3.15e-03 (-0.03, 0.02	0.925	8.64E-05	-0.048	0.027	0.082	-0.05 (-0.10, 0.01)	0.003	0.060	-0.002	0.019	0.910	-2.20e-03 (-0.04, 0.	-0.024	0.027	0.367	-0.02 (-0.08, 0.03)
3798_71	CA9	Q16790	211	0.003	0.013	0.822	2.91e-03 (-0.02, 0.03)	0.925	0.050	-0.024	0.026	0.347	-0.02 (-0.07, 0.03)	0.002	0.223	-0.013	0.024	0.597	-0.01 (-0.06, 0.03)	-0.003	0.025	0.896	-3.30e-03 (-0.05, 0.05)
5008_51	SOD2	P04179	211	-0.003	0.014	0.821	-3.13e-03 (-0.03, 0.02	0.925	0.001	-0.043	0.027	0.113	-0.04 (-0.10, 0.01)	0.003	0.089	-0.012	0.025	0.620	-0.01 (-0.06, 0.04)	-0.011	0.024	0.649	-0.01 (-0.06, 0.04)
5093_47	JAG2	Q9Y219	211	-0.003	0.012	0.821	-2.64e-03 (-0.03, 0.02	0.925	0.086	-0.016	0.025	0.507	-0.02 (-0.07, 0.03)	0.001	0.520	-0.028	0.023	0.240	-0.03 (-0.07, 0.02)	-0.015	0.024	0.543	-0.01 (-0.06, 0.03)
5096_51	KIR3DL2	P43630	211	0.003	0.012	0.821	2.62e-03 (-0.02, 0.03)	0.925	0.552	-0.019	0.023	0.420	-0.02 (-0.06, 0.03)	0.001	0.286	-0.012	0.024	0.613	-0.01 (-0.06, 0.03)	-0.007	0.023	0.743	-0.01 (-0.05, 0.04)
8954_30	MAP4K1	Q92918	211	0.003	0.013	0.822	2.90e-03 (-0.02, 0.03)	0.925	0.013	-0.043	0.025	0.095	-0.04 (-0.09, 0.01)	0.003	0.039	-0.034	0.020	0.081	-0.03 (-0.07, 4.18e-	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)
9110_2	SYT17	Q9BSW7	211	0.003	0.012	0.822	2.66e-03 (-0.02, 0.03)	0.925	0.587	-0.028	0.023	0.232	-0.03 (-0.07, 0.02)	0.002	0.130	-0.011	0.021	0.591	-0.01 (-0.05, 0.03)	-0.015	0.023	0.518	-0.02 (-0.06, 0.03)
9374_24	NNAT	Q16517	211	0.003	0.013	0.822	2.97e-03 (-0.02, 0.03)	0.925	0.006	-0.078	0.025	0.002	-0.08 (-0.13, -0.03)	0.005	2.89E-04	-0.020	0.023	0.388	-0.02 (-0.06, 0.02)	-0.014	0.022	0.543	-0.01 (-0.06, 0.03)
9568_289	FCAMR	Q8WWV6	211	0.003	0.012	0.822	2.61e-03 (-0.02, 0.03)	0.925	0.072	-0.052	0.024	0.033	-0.05 (-0.10, -4.55e-0	0.003	0.010	-0.024	0.019	0.201	-0.02 (-0.06, 0.01)	-0.050	0.026	0.057	-0.05 (-0.10, 1.31e-03)
6281_51	ST3GAL2	Q16842	211	0.003	0.013	0.823	2.83e-03 (-0.02, 0.03)	0.925	0.034	-0.057	0.025	0.023	-0.06 (-0.11, -0.01)	0.004	0.006	-0.023	0.019	0.235	-0.02 (-0.06, 0.02)	-0.027	0.024	0.272	-0.03 (-0.07, 0.02)
9989_12	LRRC24	Q50LG9	211	0.003	0.012	0.823	2.62e-03 (-0.02, 0.03)	0.925	0.227	-0.037	0.024	0.120	-0.04 (-0.08, 0.01)	0.003	0.054	-0.018	0.023	0.438	-0.02 (-0.06, 0.03)	-0.016	0.023	0.480	-0.02 (-0.06, 0.03)
8973_23	FCRL4	Q96PJ5	211	-0.003	0.012	0.824	-2.69e-03 (-0.03, 0.02	0.925	0.020	0.026	0.024	0.291	0.03 (-0.02, 0.07)	-0.002	0.179	-0.002	0.024	0.938	-1.83e-03 (-0.05, 0.	0.001	0.027	0.957	1.45e-03 (-0.05, 0.05)
7753_21	HTATIP2	Q9BUP3	211	0.003	0.012	0.824	2.63e-03 (-0.02, 0.03)	0.926	0.092	-0.055	0.025	0.028	-0.05 (-0.10, -0.01)	0.004	0.008	-0.030	0.023	0.192	-0.03 (-0.08, 0.02)	-0.028	0.023	0.224	-0.03 (-0.07, 0.02)
2695_25	PECAM1	P16284	211	0.003	0.012	0.824	2.64e-03 (-0.02, 0.03)	0.926	0.085	-0.064	0.025	0.010	-0.06 (-0.11, -0.02)	0.004	0.002	-0.012	0.021	0.572	-0.01 (-0.05, 0.03)	-0.010	0.024	0.686	-0.01 (-0.06, 0.04)
6547_83	TMPRSS11	O60235	211	0.003	0.012	0.825	2.57e-03 (-0.02, 0.03)	0.926	0.076	-0.035	0.025	0.163	-0.03 (-0.08, 0.01)	0.002	0.083	-0.025	0.023	0.287	-0.02 (-0.07, 0.02)	-0.026	0.022	0.247	-0.03 (-0.07, 0.02)
9315_16	MUL1	Q969V5	211	0.003	0.013	0.825	2.86e-03 (-0.02, 0.03)	0.926	0.027	-0.023	0.026	0.361	-0.02 (-0.07, 0.03)	0.002	0.236	-0.034	0.023	0.143	-0.03 (-0.08, 0.01)	-0.030	0.024	0.220	-0.03 (-0.08, 0.02)
10737_96	SERPINB1	P30740	211	-0.003	0.012	0.826	-2.62e-03 (-0.03, 0.02	0.927	0.084	-0.057	0.025	0.024	-0.06 (-0.11, -0.01)	0.003	0.013	-0.031	0.022	0.162	-0.03 (-0.07, 0.01)	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)
13698_28	KIAA0319L	Q8IZA0	211	0.003	0.013	0.826	2.81e-03 (-0.02, 0.03)	0.927	0.040	-0.074	0.025	0.003	-0.07 (-0.12, -0.03)	0.005	3.67E-04	-0.001	0.020	0.976	-6.11e-04 (-0.04, 0.	-0.016	0.023	0.489	-0.02 (-0.06, 0.03)
16863_47	NANP	Q8TBE9	211	0.003	0.012	0.827	2.57e-03 (-0.02, 0.03)	0.927	0.417	-0.038	0.023	0.108	-0.04 (-0.08, 0.01)	0.003	0.047	-0.017	0.020	0.414	-0.02 (-0.06, 0.02)	-0.029	0.023	0.218	-0.03 (-0.08, 0.02)
6315_58	PLBD1	Q6P4A8	211	0.003	0.012	0.827	2.57e-03 (-0.02, 0.03)	0.927	0.159	-0.040	0.024	0.104	-0.04 (-0.09, 0.01)	0.003	0.046	-0.021	0.021	0.316	-0.02 (-0.06, 0.02)	-0.015	0.025	0.535	-0.02 (-0.06, 0.03)
9337_43	TAC1	P20366	211	0.003	0.013	0.827	2.93e-03 (-0.02, 0.03)	0.927	0.012	-0.017	0.027	0.515	-0.02 (-0.07, 0.03)	0.001	0.378	-0.023	0.025	0.347	-0.02 (-0.07, 0.03)	-0.014	0.026	0.593	-0.01 (-0.07, 0.04)
9986_14	NPW	Q8N729	211	0.003	0.015	0.827	3.36e-03 (-0.03, 0.03)	0.927	3.11E-07	-0.025	0.031	0.421	-0.02 (-0.08, 0.04)	0.002	0.290	-0.017	0.027	0.537	-0.02 (-0.07, 0.04)	-0.015	0.025	0.544	-0.02 (-0.06, 0.03)
4150_75	PLG	P00747	211	0.003	0.012	0.828	2.58e-03 (-0.02, 0.03)	0.927	0.255	-0.058	0.024	0.015	-0.06 (-0.10, -0.01)	0.004	0.003	-0.008	0.020	0.675	-0.01 (-0.05, 0.03)	-0.014	0.024	0.551	-0.01 (-0.06, 0.03)
6227_1	KLK10	O43240	211	0.003	0.013	0.828	2.77e-03 (-0.02, 0.03)	0.927	0.406	0.032	0.025	0.210	0.03 (-0.02, 0.08)	-0.002	0.185	0.037	0.022	0.091	0.04 (-0.01, 0.08)	0.037	0.026	0.148	0.04 (-0.01, 0.09)
9401_57	TRABD2A	Q86V40	211	-0.003	0.013	0.828	-2.87e-03 (-0.03, 0.02	0.927	0.018	-0.047	0.026	0.070	-0.05 (-0.10, 3.68e-03	0.003	0.049	-0.040	0.023	0.088	-0.04 (-0.09, 0.01)	-0.044	0.025	0.080	-0.04 (-0.09, 4.94e-03)
4717_55	IL3	P08700	211	0.003	0.012	0.828	2.53e-03 (-0.02, 0.03)	0.927	0.165	-0.043	0.024	0.071	-0.04 (-0.09, 3.44e-03	0.003	0.027	-0.019	0.019	0.334	-0.02 (-0.06, 0.02)	-0.028	0.024	0.241	-0.03 (-0.07, 0.02)
11616_9	HSF1	Q00613	211	0.003	0.013	0.828	2.83e-03 (-0.02, 0.03)	0.927	0.016	-0.051	0.026	0.046	-0.05 (-0.10, -1.28e-0	0.003	0.015	-0.031	0.019	0.105	-0.03 (-0.07, 0.01)	-0.056	0.026	0.032	-0.06 (-0.11, -0.01)
6440_31	MFAP5	Q13361	211	-0.003	0.013	0.829	-2.87e-03 (-0.03, 0.02	0.928	0.021	-0.063	0.026	0.016	-0.06 (-0.11, -0.01)	0.004	0.008	-0.047	0.023	0.045	-0.05 (-0.09, -1.14e-	-0.048	0.024	0.042	-0.05 (-0.09, -1.98e-03)
12650_43	GNAI3	P08754	211	-0.003	0.013	0.830	-2.83e-03 (-0.03, 0.02	0.929	0.004	-0.041	0.026	0.118	-0.04 (-0.09, 0.01)	0.002	0.093	-0.037	0.021	0.081	-0.04 (-0.08, 4.51e-	-0.034	0.024	0.152	-0.03 (-0.08, 0.01)
10000_28	CRYBB2	P43320	211	0.002	0.012	0.830	2.48e-03 (-0.02, 0.03)	0.929	0.056	-0.056	0.024	0.023	-0.06 (-0.10, -0.01)	0.004	0.006	-0.009	0.019	0.653	-0.01 (-0.05, 0.03)	-0.018	0.023	0.436	-0.02 (-0.06, 0.03)
12509_115	COMMD1	Q8N668	211	-0.003	0.013	0.831	-2.69e-03 (-0.03, 0.02	0.929	0.023	-0.032	0.025	0.201	-0.03 (-0.08, 0.02)	0.002	0.175	-0.016	0.019	0.384	-0.02 (-0.05, 0.02)	-0.027	0.026	0.297	-0.03 (-0.08, 0.02)
15422_12	PMP2	P02689	211	0.002	0.012	0.831	2.48e-03 (-0.02, 0.03)	0.929	0.106	-0.035	0.024	0.153	-0.03 (-0.08, 0.01)	0.002	0.076	-0.008	0.024	0.741	-0.01 (-0.05, 0.04)	-0.009	0.023	0.691	-0.01 (-0.05, 0.04)
17400_71	ACOT8	O14734	211	-0.002	0.012	0.831	-2.50e-03 (-0.03, 0.02	0.929	0.218	-0.030	0.024	0.220	-0.03 (-0.08, 0.02)	0.002	0.194	-0.004	0.023	0.864	-3.95e-03 (-0.05, 0.	-0.004	0.024	0.861	-4.13e-03 (-0.05, 0.04)
18208_3	CCNB2	O95067	211	0.003	0.014	0.831	2.89e-03 (-0.02, 0.03)	0.929	0.002	-0.059	0.026	0.028	-0.06 (-0.11, -0.01)	0.004	0.008	-0.006	0.023	0.796	-0.01 (-0.05, 0.04)	-0.007	0.024	0.783	-0.01 (-0.05, 0.04)
2611_72	TYRO3	Q06418	211	0.003	0.013	0.831	2.77e-03 (-0.02, 0.03)	0.929	0.033	-0.025	0.026	0.329	-0.03 (-0.08, 0.03)	0.002	0.210	-0.006	0.026	0.818	-0.01 (-0.06, 0.04)	-0.014	0.028	0.613	-0.01 (-0.07, 0.04)
14088_38	IGFBP6	P24592	211	0.003	0.014	0.833	2.94e-03 (-0.02, 0.03)	0.931	0.001	-0.008	0.028	0.770	-0.01 (-0.06, 0.05)	0.001	0.644	-0.011	0.026	0.681	-0.01 (-0.06, 0.04)	-0.003	0.026	0.923	-2.53e-03 (-0.05, 0.05)
17140_57	PDGFD	Q9GZP0	211	-0.003	0.014	0.834	-2.85e-03 (-0.03, 0.02	0.931	0.005	-0.040	0.027	0.140	-0.04 (-0.09, 0.01)	0.002	0.113	-0.020	0.026	0.432	-0.02 (-0.07, 0.03)	-0.022	0.026	0.409	-0.02 (-0.07, 0.03)
3346_72	AURKB	Q96GD4	211	-0.003	0.013	0.834	-2.83e-03 (-0.03, 0.02	0.931	0.003	-0.088	0.026	0.001	-0.09 (-0.14, -0.04)	0.005	2.09E-04	-0.002	0.022	0.938	-1.67e-03 (-0.04, 0.	-0.010	0.024	0.687	-0.01 (-0.06, 0.04)
4474_19	RPS27A	P62979	211	0.003	0.013	0.834	2.63e-03 (-0.02, 0.03)	0.931	0.033	-0.015	0.025	0.554	-0.01 (-0.06, 0.03)	0.001	0.421	-0.015	0.024	0.527	-0.01 (-0.06, 0.03)	-0.019	0.023	0.414	-0.02 (-0.06, 0.03)
5954_62	PTH	P01270	211	0.003	0.014	0.834	2.89e-03 (-0.02, 0.03)	0.931	0.001	-0.041	0.027	0.130	-0.04 (-0.09, 0.01)	0.003	0.061	-0.035	0.020	0.073	-0.04 (-0.07, 3.26e-	-0.029	0.024	0.230	-0.03 (-0.08, 0.02)
7224_11	TRAT1	Q6PIZ9	211	0.002	0.012	0.833	2.47e-03 (-0.02, 0.03)	0.931	0.111	-0.037	0.025	0.130	-0.04 (-0.09, 0.01)	0.002	0.062	-0.019	0.024	0.424	-0.02 (-0.07, 0.03)	-0.023	0.023	0.306	-0.02 (-0.07, 0.02)
11143_32	OLFM3	Q96PB7	211	0.002	0.012	0.837	2.42e-03 (-0.02, 0.03)	0.931	0.100	-0.048	0.025	0.053	-0.05 (-0.10, 3.51e-04	0.003	0.019	-0.014	0.024	0.564	-0.01 (-0.06, 0.03)	-0.015	0.023	0.500	-0.02 (-0.06, 0.03)
12653_13	CSNK1G2	P78368	211	-0.002	0.012	0.836	-2.42e-03 (-0.03, 0.02	0.931	0.104	-0.038	0.024	0.120	-0.04 (-0.09, 0.01)	0.002	0.092	-0.031	0.021	0.147	-0.03 (-0.07, 0.01)	-0.035	0.026	0.177	-0.03 (-0.09, 0.02)
13631_1	RBBP5	Q15291	211	0.002	0.012	0.836	2.43e-03 (-0.02, 0.03)	0.931	0.178	-0.067	0.024	0.005	-0.07 (-0.11, -0.02)	0.004	0.001	-0.009	0.021	0.652	-0.01 (-0.05, 0.03)	-0.024	0.021	0.266	-0.02 (-0.07, 0.02)
14624_51	CTCF	P49711	211	0.002	0.012	0.836	2.42e-03 (-0.02, 0.03)	0.931	0.440	-0.045	0.023	0.052	-0.05 (-0.09, 1.13e-04	0.003	0.018	-0.024	0.021	0.254	-0.02 (-0.07, 0.02)	-0.022	0.023	0.336	-0.02 (-0.07, 0.02)
15398_2	GFER	P55789	211	-0.003	0.013	0.837	-2.69e-03 (-0.03, 0.02	0.931	0.018	-0.030	0.026	0.257	-0.03 (-0.08, 0.02)	0.002	0.233	-0.023	0.020	0.258	-0.02 (-0.06, 0.02)	-0.027	0.024	0.267	-0.03 (-0.07, 0.02)
16308_14	BTLA	Q7Z6A9	211	-0.002	0.012	0.837	-2.42e-03 (-0.03, 0.02	0.931	0.162	-0.057	0.024	0.019	-0.06 (-0.10, -0.01)	0.003	0.009	-0.033	0.023	0.151	-0.03 (-0.08, 0.01)	-0.024	0.025	0.327	-0.02 (-0.07, 0.02)
16887_29	PTRH2	Q9Y3E5	211	0.002	0.012	0.835	2.43e-03 (-0.02, 0.03)	0.931	0.069	-0.046	0.025	0.060	-0.05 (-0.09, 1.68e-03	0.003	0.022	-0.008	0.021	0.714	-0.01 (-0.05, 0.03)	-0.018	0.024	0.442	-0.02 (-0.07, 0.03)
17176_13	PSIP1	O75475	211	-0.003	0.013	0.837	-2.65e-03 (-0.03, 0.02	0.931	0.022	-0.066	0.025	0.010	-0.07 (-0.11, -0.02)	0.004	0.004	-0.024	0.019	0.219	-0.02 (-0.06, 0.01)	-0.050	0.024	0.040	-0.05 (-0.10, -2.47e-03)
2636_10	LTBR	P36941	211	0.003	0.013	0.836	2.76e-03 (-0.02, 0.03)	0.931	0.012	-0.062	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.005	-0.015	0.024	0.532	-0.02 (-0.06, 0.03)	0.005	0.023	0.821	0.01 (-0.04, 0.05)
2774_10	IL16	Q14005	211	0.003	0.012	0.834	2.56e-03 (-0.02, 0.03)	0.931	0.134	-0.027	0.025	0.297	-0.03 (-0.08, 0.02)	0.002	0.186	-0.025	0.023	0.262	-0.03 (-0.07, 0.02)	-0.024	0.025	0.348	-0.02 (-0.07, 0.03)
2864_2	MAP2K1	Q02750	211	0.002	0.012	0.836	2.44e-03 (-0.02, 0.03)	0.931	0.074	-0.035	0.025	0.162	-0.03 (-0.08, 0.01)	0.002	0.083	-0.026	0.022	0.249	-0.03 (-0.07, 0.02)	-0.029	0.023	0.213	-0.03 (-0.07, 0.02)
4437_56	ENTPD5	O75356	211	0.003	0.015	0.836	3.01e-03 (-0.03, 0.03)	0.931	8.20E-06	-0.032	0.029	0.273	-0.03 (-0.09, 0.02)	0.002	0.165	-0.008	0.026	0.750	-0.01 (-0.06, 0.04)	-0.006	0.025	0.823	-0.01 (-0.05, 0.04)
4556_10	IL34	Q6ZMJ4	211	0.003	0.014	0.836	2.83e-03 (-0.02, 0.03)	0.931	0.002	-0.067	0.027	0.012	-0.07 (-0.12, -0.02)	0.004	0.003	-0.002	0.022	0.927	-2.00e-03 (-0.05, 0.	0.000	0.025	0.992	2.47e-04 (-0.05, 0.05)
4562_1	NXPH1	P58417	211	-0.003	0.014	0.837	-2.79e-03 (-0.03, 0.02	0.931	0.003	-0.058	0.027	0.030	-0.06 (-0.11, -0.01)	0.003	0.017	-0.015	0.023	0.494	-0.02 (-0.06, 0.03)	-0.021	0.024	0.386	-0.02 (-0.07, 0.03)
4831_4	SELL	P14151	211	0.003	0.015	0.837	2.99e-03 (-0.03, 0.03)	0.931	1.63E-04	0.051	0.030	0.090	0.05 (-0.01, 0.11)	-0.003	0.069	0.005	0.023	0.822	0.01 (-0.04, 0.05)	0.021	0.025	0.394	0.02 (-0.03, 0.07)
5224_20	CSNK2A1	P68400	211	0.002	0.012	0.837	2.37e-03 (-0.02, 0.02)	0.931	0.270	-0.021	0.024	0.383	-0.02 (-0.07, 0.03)	0.001	0.261	-0.005	0.024	0.827	-0.01 (-0.05, 0.04)	-0.007	0.023	0.760	-0.01 (-0.05, 0.04)
7982_10	MRPL32	Q9BYC8	211	0.002	0.011	0.837	2.36e-03 (-0.02, 0.02)	0.931	0.555	-0.033	0.023	0.148	-0.03 (-0.08, 0.01)	0.002	0.073	-0.018	0.023	0.426	-0.02 (-0.06, 0.03)	-0.018	0.023	0.449	-0.02 (-0.06, 0.03)
9969_8	SLC22A16	Q86VW1	211	0.003	0.017	0.838	3.46e-03 (-0.03, 0.04)	0.931	3.54E-15	-0.019	0.034	0.581	-0.02 (-0.08, 0.05)	0.001	0.449	0.030	0.023	0.201	0.03 (-0.02, 0.08)	0.019	0.023	0.426	0.02 (-0.03, 0.06)
8032_23	MCCD1	P59942	211	-0.002	0.012	0.838	-2.36e-03 (-0.02, 0.02	0.932	0.148	-0.031	0.024	0.194	-0.03 (-0.08, 0.02)	0.002	0.165	-0.024	0.020	0.241	-0.02 (-0.06, 0.02)	-0.019	0.026	0.456	-0.02 (-0.07, 0.03)
8690_25	CAV3	P56539	211	0.003	0.013	0.839	2.58e-03 (-0.02, 0.03)	0.932	0.027	-0.041	0.025	0.103	-0.04 (-0.09, 0.01)	0.003	0.045	-0.019	0.019	0.328	-0.02 (-0.06, 0.02)	-0.035	0.024	0.153	-0.03 (-0.08, 0.01)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	UniProt	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.median	CI.median	b.mode	se.mode	pval.mode	CI.mode
19564_61	IRF4	Q15306	211	0.002	0.012	0.839	2.34e-03 (-0.02, 0.02)	0.932	0.765	-0.029	0.023	0.209	-0.03 (-0.07, 0.02)	0.002	0.116	-0.023	0.020	0.256	-0.02 (-0.06, 0.02)	-0.032	0.025	0.196	-0.03 (-0.08, 0.02)
7105_7	CABLES2	Q9BTV7	211	0.002	0.012	0.839	2.39e-03 (-0.02, 0.03)	0.932	0.053	-0.046	0.025	0.066	-0.05 (-0.10, 2.72e-03	0.003	0.025	-0.040	0.021	0.054	-0.04 (-0.08, 7.26e-	-0.043	0.023	0.068	-0.04 (-0.09, 2.95e-03)
13112_179	FSTL1	Q12841	211	0.003	0.014	0.840	2.90e-03 (-0.03, 0.03)	0.933	7.63E-05	0.012	0.029	0.667	0.01 (-0.04, 0.07)	-0.001	0.703	-0.015	0.025	0.568	-0.01 (-0.06, 0.04)	0.008	0.027	0.781	0.01 (-0.05, 0.06)
10620_21	MSMB	P08118	211	-0.002	0.012	0.841	-2.43e-03 (-0.03, 0.02	0.933	0.002	0.016	0.025	0.527	0.02 (-0.03, 0.06)	-0.001	0.405	0.019	0.019	0.321	0.02 (-0.02, 0.06)	0.032	0.024	0.180	0.03 (-0.01, 0.08)
13124_20	ISLR2	Q6UXK2	211	0.003	0.013	0.841	2.65e-03 (-0.02, 0.03)	0.933	0.032	0.013	0.026	0.624	0.01 (-0.04, 0.06)	-0.001	0.652	0.000	0.027	0.987	4.26e-04 (-0.05, 0.0	0.006	0.025	0.798	0.01 (-0.04, 0.06)
4137_57	IL25	Q9H293	211	-0.003	0.013	0.841	-2.56e-03 (-0.03, 0.02	0.933	0.045	-0.056	0.025	0.027	-0.06 (-0.10, -0.01)	0.003	0.014	-0.025	0.020	0.202	-0.03 (-0.06, 0.01)	-0.032	0.022	0.158	-0.03 (-0.08, 0.01)
11988_24	PTPRH	Q9HD43	211	-0.002	0.012	0.841	-2.37e-03 (-0.03, 0.02	0.933	0.413	-0.060	0.023	0.011	-0.06 (-0.11, -0.01)	0.004	0.005	-0.034	0.021	0.104	-0.03 (-0.08, 0.01)	-0.024	0.025	0.340	-0.02 (-0.07, 0.03)
13068_139	CCS	O14618	211	0.002	0.012	0.841	2.37e-03 (-0.02, 0.03)	0.933	0.058	-0.063	0.025	0.011	-0.06 (-0.11, -0.01)	0.004	0.002	-0.021	0.022	0.335	-0.02 (-0.06, 0.02)	-0.007	0.024	0.761	-0.01 (-0.05, 0.04)
3132_1	VEGFC	P49767	211	-0.002	0.012	0.841	-2.39e-03 (-0.03, 0.02	0.933	0.064	-0.041	0.025	0.102	-0.04 (-0.09, 0.01)	0.002	0.074	-0.035	0.020	0.088	-0.03 (-0.07, 0.01)	-0.041	0.023	0.070	-0.04 (-0.09, 3.19e-03)
9478_69	PRPSAP1	Q14558	211	0.003	0.013	0.842	2.58e-03 (-0.02, 0.03)	0.933	0.048	-0.043	0.025	0.090	-0.04 (-0.09, 0.01)	0.003	0.038	-0.051	0.020	0.009	-0.05 (-0.09, -0.01)	-0.051	0.024	0.035	-0.05 (-0.10, -3.92e-03)
11198_37	CREB3L1	Q96BA8	211	0.002	0.012	0.842	2.31e-03 (-0.02, 0.03)	0.933	0.433	-0.034	0.023	0.140	-0.03 (-0.08, 0.01)	0.002	0.068	-0.018	0.019	0.350	-0.02 (-0.06, 0.02)	-0.017	0.023	0.445	-0.02 (-0.06, 0.03)
4192_10	AKR1A1	P14550	211	0.003	0.013	0.842	2.58e-03 (-0.02, 0.03)	0.933	0.040	-0.029	0.026	0.270	-0.03 (-0.08, 0.02)	0.002	0.165	-0.032	0.021	0.123	-0.03 (-0.07, 0.01)	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)
6896_3	C1orf162	Q8NEQ5	211	0.003	0.015	0.842	3.05e-03 (-0.03, 0.03)	0.933	8.89E-08	-0.058	0.030	0.054	-0.06 (-0.12, 5.88e-04	0.004	0.019	-0.014	0.025	0.590	-0.01 (-0.06, 0.04)	-0.017	0.026	0.512	-0.02 (-0.07, 0.03)
12333_87	RPIA	P49247	211	-0.002	0.012	0.843	-2.34e-03 (-0.03, 0.02	0.933	0.117	-0.041	0.025	0.101	-0.04 (-0.09, 0.01)	0.002	0.074	-0.033	0.020	0.101	-0.03 (-0.07, 0.01)	-0.034	0.025	0.177	-0.03 (-0.08, 0.02)
12568_14	KEAP1	Q14145	211	0.003	0.013	0.844	2.59e-03 (-0.02, 0.03)	0.933	0.011	-0.028	0.026	0.284	-0.03 (-0.08, 0.02)	0.002	0.176	-0.030	0.022	0.178	-0.03 (-0.07, 0.01)	-0.026	0.025	0.301	-0.03 (-0.07, 0.02)
13991_47	EIF4G3	O43432	211	-0.002	0.012	0.843	-2.31e-03 (-0.03, 0.02	0.933	0.265	-0.083	0.023	3.89E-04	-0.08 (-0.13, -0.04)	0.005	6.96E-05	-0.027	0.019	0.157	-0.03 (-0.06, 0.01)	-0.035	0.024	0.144	-0.04 (-0.08, 0.01)
14067_6	PKP2	Q99959	211	0.003	0.013	0.843	2.53e-03 (-0.02, 0.03)	0.933	0.030	-0.029	0.025	0.253	-0.03 (-0.08, 0.02)	0.002	0.150	-0.021	0.019	0.279	-0.02 (-0.06, 0.02)	-0.044	0.025	0.074	-0.04 (-0.09, 4.01e-03)
2737_22	NOV	P48745	211	-0.002	0.012	0.843	-2.35e-03 (-0.03, 0.02	0.933	0.178	-0.072	0.024	0.003	-0.07 (-0.12, -0.03)	0.004	0.001	-0.032	0.020	0.112	-0.03 (-0.07, 0.01)	-0.036	0.024	0.142	-0.04 (-0.08, 0.01)
3504_58	HAMP	P81172	211	0.002	0.012	0.843	2.40e-03 (-0.02, 0.03)	0.933	0.288	-0.019	0.025	0.439	-0.02 (-0.07, 0.03)	0.001	0.313	-0.018	0.025	0.467	-0.02 (-0.07, 0.03)	-0.031	0.023	0.183	-0.03 (-0.08, 0.01)
3508_78	CCL22	O00626	211	0.003	0.014	0.844	2.80e-03 (-0.03, 0.03)	0.934	2.24E-04	-0.047	0.028	0.095	-0.05 (-0.10, 0.01)	0.003	0.041	-0.029	0.020	0.144	-0.03 (-0.07, 0.01)	-0.042	0.026	0.113	-0.04 (-0.09, 0.01)
18458_4	PTGES2	Q9H7Z7	211	0.002	0.012	0.845	2.34e-03 (-0.02, 0.03)	0.934	0.093	-0.043	0.025	0.086	-0.04 (-0.09, 0.01)	0.003	0.036	-0.030	0.021	0.143	-0.03 (-0.07, 0.01)	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)
8946_38	NR1H4	Q96RI1	211	0.003	0.013	0.845	2.57e-03 (-0.02, 0.03)	0.934	0.006	-0.060	0.026	0.020	-0.06 (-0.11, -0.01)	0.004	0.005	-0.026	0.022	0.231	-0.03 (-0.07, 0.02)	-0.012	0.023	0.593	-0.01 (-0.06, 0.03)
13516_46	EMC4	Q5J8M3	211	-0.003	0.014	0.846	-2.80e-03 (-0.03, 0.03	0.935	0.001	0.019	0.028	0.514	0.02 (-0.04, 0.07)	-0.001	0.385	-0.010	0.026	0.697	-0.01 (-0.06, 0.04)	-0.016	0.027	0.568	-0.02 (-0.07, 0.04)
16320_139	CD320	Q9NPF0	211	0.002	0.013	0.846	2.47e-03 (-0.02, 0.03)	0.935	0.011	-0.018	0.025	0.475	-0.02 (-0.07, 0.03)	0.001	0.347	-0.025	0.022	0.264	-0.02 (-0.07, 0.02)	-0.028	0.023	0.226	-0.03 (-0.07, 0.02)
2192_63	CCL27	Q9Y4X3	211	-0.002	0.012	0.846	-2.29e-03 (-0.03, 0.02	0.935	0.140	-0.032	0.025	0.199	-0.03 (-0.08, 0.02)	0.002	0.167	-0.027	0.022	0.215	-0.03 (-0.07, 0.02)	-0.028	0.023	0.219	-0.03 (-0.07, 0.02)
5351_52	HNRNPA2B	P22626	211	-0.003	0.014	0.846	-2.63e-03 (-0.03, 0.02	0.935	0.005	-0.071	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.003	-0.037	0.020	0.066	-0.04 (-0.08, 2.48e-	-0.065	0.025	0.008	-0.07 (-0.11, -0.02)
9831_12	G3BP2	Q9UN86	211	-0.003	0.013	0.846	-2.54e-03 (-0.03, 0.02	0.935	0.019	-0.046	0.026	0.075	-0.05 (-0.10, 4.33e-03	0.003	0.051	-0.041	0.020	0.042	-0.04 (-0.08, -1.57e-	-0.064	0.026	0.015	-0.06 (-0.12, -0.01)
10693_43	KLRG2	A4D1S0	211	0.002	0.013	0.849	2.45e-03 (-0.02, 0.03)	0.935	0.009	-0.024	0.026	0.340	-0.02 (-0.07, 0.03)	0.002	0.225	-0.029	0.022	0.193	-0.03 (-0.07, 0.01)	-0.020	0.024	0.398	-0.02 (-0.07, 0.03)
10710_23	ZPBP2	Q6X784	211	-0.002	0.012	0.849	-2.37e-03 (-0.03, 0.02	0.935	0.041	-0.026	0.025	0.297	-0.03 (-0.07, 0.02)	0.001	0.273	-0.028	0.023	0.215	-0.03 (-0.07, 0.02)	-0.034	0.022	0.129	-0.03 (-0.08, 0.01)
10772_21	CSGALNAC	Q8N6G5	211	0.002	0.012	0.850	2.18e-03 (-0.02, 0.02)	0.935	0.189	-0.050	0.023	0.036	-0.05 (-0.10, -3.65e-0	0.003	0.011	-0.019	0.021	0.361	-0.02 (-0.06, 0.02)	-0.014	0.022	0.506	-0.01 (-0.06, 0.03)
12775_6	HMGB3	O15347	211	0.003	0.013	0.848	2.56e-03 (-0.02, 0.03)	0.935	0.003	-0.069	0.026	0.008	-0.07 (-0.12, -0.02)	0.004	0.002	-0.031	0.021	0.144	-0.03 (-0.07, 0.01)	-0.029	0.024	0.224	-0.03 (-0.08, 0.02)
13473_55	ITPKA	P23677	211	-0.002	0.012	0.850	-2.22e-03 (-0.03, 0.02	0.935	0.080	-0.054	0.025	0.028	-0.05 (-0.10, -0.01)	0.003	0.015	-0.008	0.019	0.664	-0.01 (-0.05, 0.03)	-0.030	0.024	0.215	-0.03 (-0.08, 0.02)
15367_38	BPIFB1	Q8TDL5	211	-0.003	0.016	0.848	-2.99e-03 (-0.03, 0.03	0.935	4.31E-09	-0.003	0.031	0.914	-3.37e-03 (-0.06, 0.06	0.000	0.989	0.025	0.022	0.263	0.03 (-0.02, 0.07)	0.022	0.028	0.435	0.02 (-0.03, 0.08)
15615_8	LILRB3	O75022	211	0.002	0.011	0.850	2.10e-03 (-0.02, 0.02)	0.935	0.999	-0.010	0.022	0.645	-0.01 (-0.05, 0.03)	0.001	0.519	-0.013	0.022	0.553	-0.01 (-0.06, 0.03)	0.000	0.023	0.996	1.23e-04 (-0.05, 0.05)
19132_1	MRPL2	Q5T653	211	0.002	0.012	0.848	2.23e-03 (-0.02, 0.03)	0.935	0.189	-0.029	0.024	0.237	-0.03 (-0.08, 0.02)	0.002	0.142	0.000	0.024	0.986	4.25e-04 (-0.05, 0.0	0.004	0.022	0.853	4.11e-03 (-0.04, 0.05)
2635_61	LAYN	Q6UX15	211	0.002	0.013	0.850	2.45e-03 (-0.02, 0.03)	0.935	0.040	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	-0.011	0.021	0.614	-0.01 (-0.05, 0.03)	-0.006	0.023	0.793	-0.01 (-0.05, 0.04)
2838_53	MMP17	Q9ULZ9	211	0.002	0.012	0.849	2.24e-03 (-0.02, 0.03)	0.935	0.122	-0.073	0.024	0.003	-0.07 (-0.12, -0.03)	0.005	3.51E-04	-0.018	0.020	0.363	-0.02 (-0.06, 0.02)	-0.028	0.024	0.244	-0.03 (-0.08, 0.02)
2997_8	JAM2	P57087	211	-0.002	0.012	0.849	-2.28e-03 (-0.03, 0.02	0.935	0.110	-0.054	0.025	0.032	-0.05 (-0.10, -0.01)	0.003	0.017	-0.034	0.020	0.091	-0.03 (-0.07, 0.01)	-0.030	0.023	0.181	-0.03 (-0.07, 0.01)
3151_6	IL2RA	P01589	211	0.002	0.012	0.847	2.41e-03 (-0.02, 0.03)	0.935	0.033	-0.037	0.025	0.139	-0.04 (-0.08, 0.01)	0.002	0.069	-0.031	0.019	0.112	-0.03 (-0.07, 0.01)	-0.039	0.024	0.106	-0.04 (-0.09, 0.01)
4154_57	SELP	P16109	211	0.003	0.014	0.848	2.63e-03 (-0.02, 0.03)	0.935	0.002	-0.016	0.027	0.554	-0.02 (-0.07, 0.04)	0.001	0.426	-0.019	0.021	0.364	-0.02 (-0.06, 0.02)	-0.029	0.024	0.233	-0.03 (-0.08, 0.02)
8071_114	PCDHB7	Q9Y5E2	211	0.002	0.013	0.850	2.42e-03 (-0.02, 0.03)	0.935	0.019	-0.069	0.025	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.027	0.022	0.221	-0.03 (-0.07, 0.02)	-0.018	0.022	0.418	-0.02 (-0.06, 0.03)
8244_16	FUT8	Q9BYC5	211	-0.002	0.013	0.849	-2.47e-03 (-0.03, 0.02	0.935	0.001	-0.017	0.026	0.511	-0.02 (-0.07, 0.03)	0.001	0.515	-0.013	0.023	0.564	-0.01 (-0.06, 0.03)	-0.016	0.023	0.497	-0.02 (-0.06, 0.03)
8878_48	YTHDC1	Q96MU7	211	0.002	0.012	0.850	2.22e-03 (-0.02, 0.03)	0.935	0.239	-0.045	0.024	0.061	-0.04 (-0.09, 1.82e-03	0.003	0.023	-0.019	0.020	0.354	-0.02 (-0.06, 0.02)	-0.018	0.025	0.467	-0.02 (-0.07, 0.03)
8998_15	HS3ST4	Q9Y661	211	0.002	0.012	0.847	2.26e-03 (-0.02, 0.03)	0.935	0.218	-0.044	0.024	0.069	-0.04 (-0.09, 3.09e-03	0.003	0.027	-0.027	0.021	0.210	-0.03 (-0.07, 0.02)	-0.019	0.024	0.408	-0.02 (-0.07, 0.03)
9008_6	PRRG1	O14668	211	0.002	0.013	0.849	2.46e-03 (-0.02, 0.03)	0.935	0.021	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.008	0.020	0.678	-0.01 (-0.05, 0.03)	-0.027	0.024	0.262	-0.03 (-0.07, 0.02)
13104_32	EFNB1	P98172	211	0.003	0.017	0.851	3.12e-03 (-0.03, 0.04)	0.935	9.90E-14	-0.021	0.033	0.516	-0.02 (-0.09, 0.04)	0.002	0.388	-0.033	0.021	0.121	-0.03 (-0.07, 0.01)	-0.029	0.026	0.258	-0.03 (-0.08, 0.02)
9043_7	TFIP11	Q9UBB9	211	0.003	0.013	0.851	2.54e-03 (-0.02, 0.03)	0.935	0.001	-0.074	0.026	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	0.000	0.023	0.986	-4.01e-04 (-0.04, 0.	-0.002	0.023	0.942	-1.71e-03 (-0.05, 0.04)
13453_2	MRPL33	O75394	211	-0.002	0.012	0.851	-2.21e-03 (-0.03, 0.02	0.936	0.094	-0.052	0.025	0.035	-0.05 (-0.10, -3.85e-0	0.003	0.020	-0.024	0.024	0.306	-0.02 (-0.07, 0.02)	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)
10046_55	BIRC2	Q13490	211	0.003	0.016	0.853	2.93e-03 (-0.03, 0.03)	0.936	8.35E-08	-0.029	0.031	0.354	-0.03 (-0.09, 0.03)	0.002	0.238	-0.038	0.023	0.093	-0.04 (-0.08, 0.01)	-0.044	0.025	0.082	-0.04 (-0.09, 0.01)
11134_30	MTRF1L	Q9UGC7	211	0.002	0.012	0.853	2.17e-03 (-0.02, 0.03)	0.936	0.344	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)	0.002	0.058	-0.029	0.022	0.187	-0.03 (-0.07, 0.01)	-0.029	0.024	0.226	-0.03 (-0.08, 0.02)
11303_7	SAMHD1	Q9Y3Z3	211	0.002	0.013	0.853	2.37e-03 (-0.02, 0.03)	0.936	0.023	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.005	0.001	-0.030	0.020	0.148	-0.03 (-0.07, 0.01)	-0.038	0.022	0.083	-0.04 (-0.08, 4.74e-03)
11454_87	EIF3G	O75821	211	-0.002	0.013	0.853	-2.45e-03 (-0.03, 0.02	0.936	0.023	-0.048	0.026	0.068	-0.05 (-0.10, 3.20e-03	0.003	0.045	-0.043	0.021	0.038	-0.04 (-0.08, -2.36e-	-0.066	0.025	0.010	-0.07 (-0.12, -0.02)
15304_1	REG3A	Q06141	211	-0.003	0.014	0.852	-2.63e-03 (-0.03, 0.03	0.936	0.003	0.034	0.028	0.228	0.03 (-0.02, 0.09)	-0.002	0.133	0.011	0.026	0.682	0.01 (-0.04, 0.06)	0.017	0.025	0.493	0.02 (-0.03, 0.07)
17454_15	EGFL6	Q8IUX8	211	-0.003	0.014	0.853	-2.65e-03 (-0.03, 0.03	0.936	0.001	-0.050	0.028	0.077	-0.05 (-0.11, 0.01)	0.003	0.052	-0.012	0.025	0.619	-0.01 (-0.06, 0.04)	-0.018	0.025	0.470	-0.02 (-0.07, 0.03)
19144_9	TCF4	P15884	211	-0.002	0.012	0.853	-2.21e-03 (-0.03, 0.02	0.936	0.088	-0.027	0.025	0.277	-0.03 (-0.08, 0.02)	0.002	0.247	-0.011	0.025	0.648	-0.01 (-0.06, 0.04)	-0.008	0.025	0.755	-0.01 (-0.06, 0.04)
4988_49	FGFR4	P22455	211	-0.002	0.013	0.853	-2.37e-03 (-0.03, 0.02	0.936	0.047	-0.039	0.025	0.120	-0.04 (-0.09, 0.01)	0.002	0.090	-0.030	0.019	0.125	-0.03 (-0.07, 0.01)	-0.049	0.023	0.036	-0.05 (-0.09, -3.38e-03)
6357_83	CELA3B	P08861	211	-0.002	0.012	0.853	-2.18e-03 (-0.03, 0.02	0.936	0.343	-0.046	0.024	0.055	-0.05 (-0.09, 7.69e-04	0.003	0.035	-0.032	0.023	0.171	-0.03 (-0.08, 0.01)	-0.035	0.024	0.148	-0.03 (-0.08, 0.01)
18265_18	ZNF34	Q8IZ26	211	0.002	0.013	0.854	2.33e-03 (-0.02, 0.03)	0.936	0.035	-0.054	0.025	0.028	-0.05 (-0.10, -0.01)	0.004	0.008	0.000	0.019	0.992	1.81e-04 (-0.04, 0.0	-0.020	0.026	0.436	-0.02 (-0.07, 0.03)
19121_3	UBQLN2	Q9UHD9	211	-0.002	0.012	0.855	-2.17e-03 (-0.03, 0.02	0.937	0.123	-0.045	0.025	0.069	-0.05 (-0.09, 3.31e-03	0.003	0.045	-0.032	0.021	0.123	-0.03 (-0.07, 0.01)	-0.043	0.023	0.066	-0.04 (-0.09, 2.57e-03)
10571_14	MGAT1	P26572	211	-0.002	0.012	0.855	-2.10e-03 (-0.02, 0.02	0.938	0.321	-0.037	0.023	0.111	-0.04 (-0.08, 0.01)	0.002	0.081	-0.030	0.022	0.186	-0.03 (-0.07, 0.01)	-0.025	0.024	0.301	-0.02 (-0.07, 0.02)
3344_60	SERPINC1	P01008	211	0.003	0.014	0.856	2.63e-03 (-0.03, 0.03)	0.938	1.93E-06	0.008	0.029	0.791	0.01 (-0.05, 0.06)	0.000	0.841	0.031	0.024	0.189	0.03 (-0.02, 0.08)	0.041	0.022	0.070	0.04 (-3.11e-03, 0.08)
2811_27	ANGPT1	Q15389	211	0.002	0.013	0.856	2.44e-03 (-0.02, 0.03)	0.938	0.006	-0.026	0.027	0.337	-0.03 (-0.08, 0.03)	0.002	0.223	-0.027	0.022	0.219	-0.03 (-0.07, 0.02)	-0.026	0.023	0.264	-0.03 (-0.07, 0.02)
17770_42	EMC8	O43402	211	-0.002	0.012	0.856	-2.11e-03 (-0.02, 0.02	0.938	0.453	-0.037	0.023	0.111	-0.04 (-0.08, 0.01)	0.002	0.082	-0.022	0.021	0.290	-0.02 (-0.06, 0.02)	-0.033	0.025	0.186	-0.03 (-0.08, 0.02)
13411_21	RNF41	Q9H4P4	211	-0.002	0.012	0.856	-2.12e-03 (-0.03, 0.02	0.938	0.180	-0.041	0.024	0.091	-0.04 (-0.09, 0.01)	0.002	0.064	-0.012	0.021	0.578	-0.01 (-0.05, 0.03)	-0.020	0.026	0.447	-0.02 (-0.07, 0.03)
12698_72	KPNA4	O00629	211	-0.002	0.012	0.858	-2.11e-03 (-0.03, 0.02	0.939	0.061	-0.035	0.025	0.161	-0.04 (-0.08, 0.01)	0.002	0.127	-0.028	0.020	0.161	-0.03 (-0.07, 0.01)	-0.025	0.023	0.284	-0.02 (-0.07, 0.02)
3387_1	PAK3	O75914	211	0.002	0.013	0.858	2.35e-03 (-0.02, 0.03)	0.939	0.014	-0.060	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.005	-0.021	0.022	0.331	-0.02 (-0.06, 0.02)	-0.010	0.022	0.655	-0.01 (-0.05, 0.03)
4472_5	TPM2	P07951	211	-0.002	0.013	0.857	-2.39e-03 (-0.03, 0.02	0.939	0.010	-0.067	0.026	0.010	-0.07 (-0.12, -0.02)	0.004	0.004	-0.019	0.024	0.420	-0.02 (-0.07, 0.03)	-0.001	0.025	0.967	-1.04e-03 (-0.05, 0.05)
8249_124	ALK	Q9UM73	211	0.002	0.012	0.858	2.11e-03 (-0.02, 0.03)	0.939	0.421	-0.044	0.023	0.061	-0.04 (-0.09, 1.81e-03	0.003	0.023	-0.039	0.019	0.047	-0.04 (-0.08, -5.52e-	-0.045	0.023	0.057	-0.04 (-0.09, 1.11e-03)
8334_65	TCP11	Q8WWU5	211	-0.002	0.013	0.858	-2.30e-03 (-0.03, 0.02	0.939	0.041	-0.035	0.025	0.173	-0.03 (-0.08, 0.02)	0.002	0.141	0.008	0.024	0.730	0.01 (-0.04, 0.06)	0.007	0.023	0.775	0.01 (-0.04, 0.05)
7976_19	FRRS1L	Q9P0K9	211	0.002	0.012	0.858	2.06e-03 (-0.02, 0.02)	0.939	0.392	-0.032	0.023	0.165	-0.03 (-0.08, 0.01)	0.002	0.087	-0.026	0.022	0.238	-0.03 (-0.07, 0.02)	-0.020	0.023	0.393	-0.02 (-0.06, 0.03)
13507_51	TRADD	Q15628	211	0.002	0.013	0.859	2.35e-03 (-0.02, 0.03)	0.939	0.012	-0.074	0.025	0.004	-0.07 (-0.12, -0.02)	0.005	0.001	-0.027	0.021	0.191	-0.03 (-0.07, 0.01)	-0.017	0.023	0.451	-0.02 (-0.06, 0.03)
9345_436	WFDC13	Q8IUB5	211	-0.002	0.014	0.859	-2.43e-03 (-0.03, 0.02	0.939	0.002	-0.043	0.027	0.113	-0.04 (-0.10, 0.01)	0.003	0.084	-0.029	0.022	0.186	-0.03 (-0.07, 0.01)	-0.025	0.025	0.311	-0.02 (-0.07, 0.02)
14069_61	CA4	P22748	211	0.002	0.012	0.860	2.06e-03 (-0.02, 0.02)	0.940	0.587	-0.023	0.023	0.326	-0.02 (-0.07, 0.02)	0.002	0.216	0.013	0.023	0.589	0.01 (-0.03, 0.06)	0.009	0.023	0.712	0.01 (-0.04, 0.05)
18824_7	EIF4A2	Q14240	211	-0.002	0.012	0.860	-2.07e-03 (-0.03, 0.02	0.940	0.163	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)	0.002	0.080	-0.024	0.021	0.233	-0.02 (-0.06, 0.02)	-0.027	0.022	0.231	-0.03 (-0.07, 0.02)
19125_26	PRKAR2A	P13861	211	0.002	0.012	0.860	2.06e-03 (-0.02, 0.02)	0.940	0.227	-0.051	0.024	0.032	-0.05 (-0.10, -4.66e-0	0.003	0.010	-0.036	0.022	0.102	-0.04 (-0.08, 0.01)	-0.032	0.023	0.168	-0.03 (-0.08, 0.01)
3629_60	CDC42BPB	Q9Y5S2	211	-0.002	0.012	0.860	-2.08e-03 (-0.03, 0.02	0.940	0.210	-0.065	0.024	0.007	-0.07 (-0.11, -0.02)	0.004	0.003	-0.018	0.019	0.349	-0.02 (-0.06, 0.02)	-0.050	0.025	0.045	-0.05 (-0.10, -1.42e-03)
8991_115	FCRL4	Q96PJ5	211	-0.002	0.013	0.861	-2.24e-03 (-0.03, 0.02	0.940	0.032	-0.044	0.025	0.082	-0.04 (-0.09, 0.01)	0.003	0.056	-0.026	0.021	0.221	-0.03 (-0.07, 0.02)	-0.023	0.024	0.333	-0.02 (-0.07, 0.02)
3049_61	PRSS1	P07477	211	0.003	0.020	0.861	3.42e-03 (-0.03, 0.04)	0.940	1.33E-27	0.073	0.038	0.060	0.07 (-2.56e-03, 0.15)	-0.004	0.038	0.016	0.024	0.492	0.02 (-0.03, 0.06)	0.114	0.034	0.001	0.11 (0.05, 0.18)
12873_11	SPN	P16150	211	0.002	0.012	0.862	2.05e-03 (-0.02, 0.03)	0.941	0.116	-0.055	0.024	0.026	-0.05 (-0.10, -0.01)	0.004	0.008	-0.024	0.024	0.304	-0.02 (-0.07, 0.02)	-0.027	0.022	0.236	-0.03 (-0.07, 0.02)
17827_53	DYNLRB2	Q8TF09	211	-0.002	0.012	0.862	-2.02e-03 (-0.02, 0.02	0.941	0.261	-0.034	0.024	0.152	-0.03 (-0.08, 0.01)	0.002	0.118	-0.029	0.022	0.190	-0.03 (-0.07, 0.01)	-0.023	0.023	0.325	-0.02 (-0.07, 0.02)
18938_3	VLDLR	P98155	211	0.002	0.013	0.862	2.28e-03 (-0.02, 0.03)	0.941	0.013	-0.069	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.001	-0.010	0.021	0.640	-0.01 (-0.05, 0.03)	-0.011	0.026	0.673	-0.01 (-0.06, 0.04)
2778_10	IL22	Q9GZX6	211	0.002	0.012	0.862	2.06e-03 (-0.02, 0.03)	0.941	0.124	-0.017	0.025	0.481	-0.02 (-0.07, 0.03)	0.001	0.362	-0.019	0.024	0.426	-0.02 (-0.07, 0.03)	-0.005	0.024	0.848	-4.69e-03 (-0.05, 0.04)
8907_11	UGT2A1	Q9Y4X1	211	-0.002	0.014	0.862	-2.40e-03 (-0.03, 0.02	0.941	0.001	-0.051	0.027	0.063	-0.05 (-0.10, 2.53e-03	0.003	0.041	-0.032	0.024	0.179	-0.03 (-0.08, 0.01)	-0.027	0.024	0.253	-0.03 (-0.07, 0.02)
9263_57	SIAE	Q9HAT2	211	0.002	0.012	0.863	2.08e-03 (-0.02, 0.03)	0.941	0.062	-0.027	0.026	0.300	-0.03 (-0.08, 0.02)	0.002	0.196	-0.026	0.023	0.255	-0.03 (-0.07, 0.02)	-0.018	0.023	0.435	-0.02 (-0.06, 0.03)
9999_1	IRF6	O14896	211	-0.002	0.013	0.863	-2.28e-03 (-0.03, 0.02	0.941	0.008	-0.028	0.026	0.290	-0.03 (-0.08, 0.02)	0.002	0.261	-0.035	0.023	0.135	-0.03 (-0.08, 0.01)	-0.025	0.025	0.299	-0.03 (-0.07, 0.02)
10734_339	GAL3ST2	Q9H3Q3	211	0.002	0.013	0.864	2.28e-03 (-0.02, 0.03)	0.941	0.011	-0.056	0.026	0.033	-0.06 (-0.11, -4.80e-0	0.004	0.011	-0.008	0.024	0.736	-0.01 (-0.06, 0.04)	0.013	0.024	0.572	0.01 (-0.03, 0.06)
12431_13	PELO	Q9BRX2	211	0.002	0.012	0.864	2.01e-03 (-0.02, 0.02)	0.941	0.181	-0.026	0.024	0.288	-0.03 (-0.07, 0.02)	0.002	0.185	-0.018	0.023	0.452	-0.02 (-0.06, 0.03)	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)
12493_42	OTUB2	Q96DC9	211	0.002	0.013	0.864	2.23e-03 (-0.02, 0.03)	0.941	0.015	-0.040	0.026	0.120	-0.04 (-0.09, 0.01)	0.003	0.058	-0.025	0.022	0.252	-0.03 (-0.07, 0.02)	-0.028	0.024	0.246	-0.03 (-0.08, 0.02)
9126_171	NT5DC3	Q86UY8	211	-0.002	0.012	0.864	-2.11e-03 (-0.03, 0.02	0.941	0.040	-0.034	0.024	0.163	-0.03 (-0.08, 0.01)	0.002	0.128	0.000	0.023	0.992	-2.21e-04 (-0.05, 0.	0.000	0.024	0.989	-3.39e-04 (-0.05, 0.05)
7950_142	BTNL9	Q6UXG8	211	0.002	0.012	0.864	1.99e-03 (-0.02, 0.02)	0.941	0.117	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)	0.003	0.036	-0.008	0.023	0.723	-0.01 (-0.05, 0.04)	-0.016	0.023	0.491	-0.02 (-0.06, 0.03)
3067_67	GDF9	O60383	211	0.002	0.012	0.865	1.99e-03 (-0.02, 0.02)	0.941	0.121	-0.044	0.024	0.070	-0.04 (-0.09, 3.32e-03	0.003	0.028	-0.031	0.021	0.151	-0.03 (-0.07, 0.01)	-0.025	0.023	0.276	-0.03 (-0.07, 0.02)
4807_13	COL8A1	P27658	211	-0.002	0.011	0.865	-1.93e-03 (-0.02, 0.02	0.941	0.093	-0.014	0.024	0.568	-0.01 (-0.06, 0.03)	0.001	0.570	-0.024	0.022	0.263	-0.02 (-0.07, 0.02)	-0.030	0.024	0.216	-0.03 (-0.08, 0.02)
8750_46	VCL	P18206	211	0.002	0.013	0.865	2.14e-03 (-0.02, 0.03)	0.941	0.046	-0.035	0.025	0.161	-0.03 (-0.08, 0.01)	0.002	0.086	-0.023	0.019	0.215	-0.02 (-0.06, 0.01)	-0.045	0.025	0.072	-0.05 (-0.09, 3.76e-03)
11279_42	GABBR1	Q9UBS5	211	0.002	0.012	0.866	1.96e-03 (-0.02, 0.02)	0.942	0.062	-0.036	0.025	0.148	-0.04 (-0.08, 0.01)	0.002	0.077	-0.018	0.021	0.372	-0.02 (-0.06, 0.02)	-0.028	0.025	0.278	-0.03 (-0.08, 0.02)
12628_31	LANCL2	Q9NS86	211	0.002	0.014	0.866	2.33e-03 (-0.02, 0.03)	0.942	0.002	-0.019	0.027	0.484	-0.02 (-0.07, 0.03)	0.001	0.364	-0.040	0.021	0.050	-0.04 (-0.08, 3.38e-	-0.044	0.026	0.093	-0.04 (-0.10, 0.01)
12822_34	APBB1	O00213	211	-0.002	0.013	0.866	-2.15e-03 (-0.03, 0.02	0.942	0.033	-0.046	0.025	0.068	-0.05 (-0.10, 3.19e-03	0.003	0.044	-0.035	0.021	0.089	-0.04 (-0.08, 0.01)	-0.033	0.025	0.183	-0.03 (-0.08, 0.02)
3587_53	BMP10	O95393	211	0.002	0.012	0.866	1.99e-03 (-0.02, 0.03)	0.942	0.548	-0.032	0.023	0.171	-0.03 (-0.08, 0.01)	0.002	0.093	-0.023	0.022	0.294	-0.02 (-0.07, 0.02)	-0.025	0.025	0.312	-0.03 (-0.07, 0.02)
5255_22	PDE4D	Q08499	211	0.002	0.012	0.866	1.96e-03 (-0.02, 0.02)	0.942	0.434	-0.055	0.023	0.019	-0.05 (-0.10, -0.01)	0.004	0.005	-0.022	0.023	0.338	-0.02 (-0.07, 0.02)	-0.021	0.025	0.397	-0.02 (-0.07, 0.03)
10426_21	GOSR2	O14653	211	-0.002	0.013	0.867	-2.18e-03 (-0.03, 0.02	0.942	0.012	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)	0.004	0.005	-0.016	0.023	0.480	-0.02 (-0.06, 0.03)	-0.001	0.024	0.975	-7.72e-04 (-0.05, 0.05)
12406_119	DIRAS3	O95661	211	0.002	0.012	0.868	1.92e-03 (-0.02, 0.02)	0.943	0.185	-0.030	0.024	0.207	-0.03 (-0.08, 0.02)	0.002	0.120	-0.011	0.021	0.599	-0.01 (-0.05, 0.03)	-0.017	0.022	0.455	-0.02 (-0.06, 0.03)
9229_9	CTRL	P40313	211	0.002	0.013	0.868	2.14e-03 (-0.02, 0.03)	0.943	0.023	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.020	0.025	0.412	-0.02 (-0.07, 0.03)	-0.015	0.024	0.548	-0.01 (-0.06, 0.03)
18179_56	SMS	P52788	211	-0.002	0.013	0.869	-2.15e-03 (-0.03, 0.02	0.944	0.009	-0.069	0.025	0.007	-0.07 (-0.12, -0.02)	0.004	0.003	-0.037	0.021	0.079	-0.04 (-0.08, 4.29e-	-0.034	0.023	0.141	-0.03 (-0.08, 0.01)
3033_57	LGALS2	P05162	211	-0.002	0.012	0.869	-1.94e-03 (-0.03, 0.02	0.944	0.611	-0.022	0.023	0.353	-0.02 (-0.07, 0.02)	0.001	0.328	-0.017	0.022	0.448	-0.02 (-0.06, 0.03)	-0.011	0.022	0.618	-0.01 (-0.05, 0.03)
9035_2	MXI1	P50539	211	-0.002	0.012	0.869	-1.90e-03 (-0.02, 0.02	0.944	0.130	-0.026	0.024	0.286	-0.03 (-0.07, 0.02)	0.001	0.253	-0.019	0.024	0.420	-0.02 (-0.07, 0.03)	-0.031	0.023	0.177	-0.03 (-0.08, 0.01)
12820_1	GRAP	Q13588	211	-0.002	0.012	0.870	-1.95e-03 (-0.03, 0.02	0.944	0.461	-0.053	0.024	0.025	-0.05 (-0.10, -0.01)	0.003	0.013	-0.029	0.021	0.166	-0.03 (-0.07, 0.01)	-0.047	0.025	0.056	-0.05 (-0.10, 9.07e-04)
12401_3	STAMBPL1	Q96FJ0	211	0.002	0.012	0.870	1.94e-03 (-0.02, 0.03)	0.944	0.192	-0.050	0.024	0.039	-0.05 (-0.10, -2.89e-0	0.003	0.013	-0.019	0.021	0.384	-0.02 (-0.06, 0.02)	-0.029	0.023	0.210	-0.03 (-0.07, 0.02)
5017_19	PRDX5	P30044	211	0.002	0.012	0.871	1.89e-03 (-0.02, 0.02)	0.945	0.182	-0.040	0.024	0.096	-0.04 (-0.09, 0.01)	0.003	0.044	0.009	0.022	0.683	0.01 (-0.03, 0.05)	-0.004	0.023	0.871	-3.80e-03 (-0.05, 0.04)
7123_25	MRPL52	Q86TS9	211	0.002	0.013	0.871	2.12e-03 (-0.02, 0.03)	0.945	0.022	-0.051	0.026	0.047	-0.05 (-0.10, -9.19e-0	0.003	0.017	-0.013	0.019	0.499	-0.01 (-0.05, 0.02)	-0.028	0.022	0.199	-0.03 (-0.07, 0.01)
11372_2	ZNF18	P17022	211	-0.002	0.013	0.871	-2.07e-03 (-0.03, 0.02	0.945	0.039	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.004	0.002	-0.030	0.023	0.192	-0.03 (-0.08, 0.02)	-0.029	0.025	0.252	-0.03 (-0.08, 0.02)
13574_50	RND1	Q92730	211	0.002	0.013	0.872	2.11e-03 (-0.02, 0.03)	0.945	0.006	-0.073	0.025	0.004	-0.07 (-0.12, -0.02)	0.005	0.001	-0.044	0.020	0.030	-0.04 (-0.08, -4.28e-	-0.043	0.022	0.050	-0.04 (-0.09, -2.99e-04)
4493_92	IL11	P20809	211	-0.002	0.013	0.872	-2.04e-03 (-0.03, 0.02	0.945	0.044	-0.023	0.025	0.353	-0.02 (-0.07, 0.03)	0.001	0.326	-0.037	0.020	0.057	-0.04 (-0.08, 1.15e-	-0.038	0.020	0.062	-0.04 (-0.08, 1.75e-03)
8376_25	LHB	P01229	211	-0.002	0.012	0.872	-1.90e-03 (-0.02, 0.02	0.945	0.369	-0.047	0.023	0.047	-0.05 (-0.09, -9.76e-0	0.003	0.027	-0.015	0.024	0.530	-0.02 (-0.06, 0.03)	-0.020	0.024	0.395	-0.02 (-0.07, 0.03)
9060_27	IGSF9B	Q9UPX0	211	0.002	0.012	0.872	1.88e-03 (-0.02, 0.02)	0.945	0.379	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)	0.002	0.052	-0.024	0.022	0.291	-0.02 (-0.07, 0.02)	-0.022	0.022	0.302	-0.02 (-0.06, 0.02)
14633_26	TMEM185A	Q8NFB2	211	0.002	0.013	0.873	2.13e-03 (-0.02, 0.03)	0.946	0.005	-0.072	0.026	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.032	0.022	0.135	-0.03 (-0.07, 0.01)	-0.028	0.024	0.239	-0.03 (-0.07, 0.02)
12387_7	PDLIM4	P50479	211	0.002	0.012	0.874	1.84e-03 (-0.02, 0.02)	0.947	0.078	-0.046	0.024	0.060	-0.05 (-0.09, 1.75e-03	0.003	0.024	-0.015	0.021	0.456	-0.02 (-0.06, 0.03)	-0.022	0.024	0.373	-0.02 (-0.07, 0.03)
18225_13	HEBP1	Q9NRV9	211	0.002	0.012	0.875	1.93e-03 (-0.02, 0.03)	0.947	0.198	-0.043	0.025	0.090	-0.04 (-0.09, 0.01)	0.003	0.040	-0.021	0.020	0.310	-0.02 (-0.06, 0.02)	-0.038	0.026	0.140	-0.04 (-0.09, 0.01)
17722_5	FKBP4	Q02790	211	0.002	0.013	0.875	2.04e-03 (-0.02, 0.03)	0.947	0.032	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.024	0.019	0.217	-0.02 (-0.06, 0.01)	-0.035	0.024	0.145	-0.04 (-0.08, 0.01)
4267_81	PES1	O00541	211	-0.002	0.012	0.875	-1.81e-03 (-0.02, 0.02	0.947	0.301	-0.030	0.023	0.196	-0.03 (-0.08, 0.02)	0.002	0.159	-0.020	0.022	0.365	-0.02 (-0.06, 0.02)	-0.018	0.022	0.405	-0.02 (-0.06, 0.02)
16858_384	RCN3	Q96D15	211	-0.002	0.013	0.876	-2.07e-03 (-0.03, 0.02	0.948	0.005	-0.027	0.026	0.306	-0.03 (-0.08, 0.02)	0.002	0.274	-0.016	0.024	0.498	-0.02 (-0.06, 0.03)	-0.009	0.025	0.724	-0.01 (-0.06, 0.04)
18195_3	ORAOV1	Q8WV07	211	-0.002	0.014	0.876	-2.12e-03 (-0.03, 0.02	0.948	0.002	-0.065	0.027	0.015	-0.07 (-0.12, -0.01)	0.004	0.006	-0.018	0.024	0.443	-0.02 (-0.06, 0.03)	0.004	0.024	0.880	3.60e-03 (-0.04, 0.05)
3379_29	PRKCI	P41743	211	-0.002	0.012	0.877	-1.86e-03 (-0.03, 0.02	0.948	0.081	-0.035	0.025	0.170	-0.03 (-0.08, 0.01)	0.002	0.133	-0.040	0.020	0.050	-0.04 (-0.08, 1.35e-	-0.046	0.025	0.068	-0.05 (-0.10, 3.17e-03)
12925_105	AXIN2	Q9Y2T1	211	0.002	0.013	0.878	2.05e-03 (-0.02, 0.03)	0.949	0.003	-0.062	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.005	-0.006	0.020	0.775	-0.01 (-0.05, 0.03)	-0.016	0.025	0.522	-0.02 (-0.07, 0.03)
13083_18	VARS	P26640	211	0.002	0.015	0.878	2.28e-03 (-0.03, 0.03)	0.949	6.99E-08	-0.061	0.029	0.037	-0.06 (-0.12, -4.15e-0	0.004	0.012	0.000	0.022	1.000	0.00e+00 (-0.04, 0.	0.008	0.022	0.708	0.01 (-0.04, 0.05)
16618_7	CD69	Q07108	211	-0.002	0.013	0.878	-1.99e-03 (-0.03, 0.02	0.949	0.021	-0.018	0.026	0.476	-0.02 (-0.07, 0.03)	0.001	0.461	-0.032	0.022	0.142	-0.03 (-0.08, 0.01)	-0.034	0.024	0.166	-0.03 (-0.08, 0.01)
19257_11	CLTA	P09496	211	0.002	0.012	0.878	1.78e-03 (-0.02, 0.02)	0.949	0.374	-0.022	0.023	0.341	-0.02 (-0.07, 0.02)	0.002	0.235	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)	-0.016	0.023	0.479	-0.02 (-0.06, 0.03)
2763_66	FGF20	Q9NP95	211	-0.002	0.012	0.877	-1.81e-03 (-0.02, 0.02	0.949	0.218	-0.057	0.024	0.017	-0.06 (-0.10, -0.01)	0.003	0.008	-0.042	0.021	0.049	-0.04 (-0.08, -2.48e-	-0.041	0.022	0.065	-0.04 (-0.08, 2.38e-03)
5019_16	UCHL1	P09936	211	-0.002	0.012	0.877	-1.83e-03 (-0.03, 0.02	0.949	0.234	-0.040	0.024	0.102	-0.04 (-0.09, 0.01)	0.002	0.071	-0.040	0.021	0.055	-0.04 (-0.08, 9.09e-	-0.035	0.024	0.141	-0.04 (-0.08, 0.01)
9121_28	FUT2	Q10981	211	-0.002	0.012	0.878	-1.78e-03 (-0.02, 0.02	0.949	0.133	-0.044	0.024	0.070	-0.04 (-0.09, 3.27e-03	0.003	0.044	-0.018	0.024	0.467	-0.02 (-0.07, 0.03)	-0.010	0.023	0.661	-0.01 (-0.05, 0.03)
5680_54	OBP2B	Q9NPH6	211	-0.002	0.012	0.879	-1.90e-03 (-0.03, 0.02	0.949	0.709	0.030	0.025	0.232	0.03 (-0.02, 0.08)	-0.002	0.142	-0.018	0.024	0.466	-0.02 (-0.07, 0.03)	-0.010	0.026	0.708	-0.01 (-0.06, 0.04)
10554_23	GLB1	P16278	211	0.002	0.012	0.880	1.85e-03 (-0.02, 0.03)	0.949	0.043	-0.058	0.024	0.016	-0.06 (-0.10, -0.01)	0.004	0.004	-0.020	0.024	0.400	-0.02 (-0.07, 0.03)	-0.031	0.024	0.206	-0.03 (-0.08, 0.02)
17337_1	YY1	P25490	211	-0.002	0.011	0.880	-1.73e-03 (-0.02, 0.02	0.949	0.291	-0.045	0.023	0.053	-0.04 (-0.09, 3.99e-04	0.003	0.032	-0.019	0.021	0.381	-0.02 (-0.06, 0.02)	-0.016	0.024	0.507	-0.02 (-0.06, 0.03)
3046_31	RETN	Q9HD89	211	-0.002	0.014	0.881	-2.08e-03 (-0.03, 0.03	0.950	0.033	-0.003	0.028	0.928	-2.50e-03 (-0.06, 0.05	0.000	0.986	-0.010	0.023	0.671	-0.01 (-0.05, 0.03)	-0.011	0.026	0.667	-0.01 (-0.06, 0.04)
3378_49	KLK7	P49862	211	-0.002	0.014	0.881	-2.08e-03 (-0.03, 0.03	0.950	0.024	0.069	0.027	0.011	0.07 (0.02, 0.12)	-0.004	0.002	-0.004	0.022	0.853	-3.98e-03 (-0.05, 0.	0.070	0.029	0.019	0.07 (0.01, 0.13)
12893_159	IFI16	Q16666	211	0.002	0.014	0.882	2.04e-03 (-0.02, 0.03)	0.951	0.001	-0.054	0.027	0.048	-0.05 (-0.11, -7.83e-0	0.003	0.018	-0.035	0.020	0.074	-0.04 (-0.07, 3.40e-	-0.049	0.025	0.048	-0.05 (-0.10, -6.32e-04)
7713_102	FMR1	Q06787	211	-0.002	0.013	0.882	-1.94e-03 (-0.03, 0.02	0.951	0.023	-0.033	0.026	0.197	-0.03 (-0.08, 0.02)	0.002	0.160	-0.047	0.022	0.031	-0.05 (-0.09, -4.37e-	-0.052	0.027	0.052	-0.05 (-0.10, 1.96e-04)
8403_18	FASN	P49327	211	0.002	0.013	0.882	1.95e-03 (-0.02, 0.03)	0.951	0.035	-0.041	0.026	0.116	-0.04 (-0.09, 0.01)	0.003	0.057	-0.040	0.019	0.040	-0.04 (-0.08, -1.86e-	-0.053	0.024	0.027	-0.05 (-0.10, -0.01)
13231_90	IGHG4	P01861	211	0.002	0.013	0.882	1.96e-03 (-0.02, 0.03)	0.951	0.011	-0.045	0.026	0.087	-0.04 (-0.10, 0.01)	0.003	0.039	-0.015	0.025	0.543	-0.02 (-0.06, 0.03)	-0.025	0.022	0.263	-0.02 (-0.07, 0.02)
2515_14	GFRA2	O00451	211	0.002	0.014	0.883	2.11e-03 (-0.03, 0.03)	0.951	0.002	-0.012	0.029	0.664	-0.01 (-0.07, 0.04)	0.001	0.557	-0.009	0.025	0.710	-0.01 (-0.06, 0.04)	-0.001	0.027	0.961	-1.31e-03 (-0.05, 0.05)
19271_64	GNAI1	P63096	211	-0.002	0.012	0.884	-1.70e-03 (-0.02, 0.02	0.952	0.079	-0.035	0.025	0.159	-0.03 (-0.08, 0.01)	0.002	0.121	-0.026	0.023	0.242	-0.03 (-0.07, 0.02)	-0.016	0.026	0.544	-0.02 (-0.07, 0.03)
4832_75	TNFRSF10A	O00220	211	-0.002	0.012	0.884	-1.68e-03 (-0.02, 0.02	0.952	0.450	-0.058	0.023	0.012	-0.06 (-0.10, -0.01)	0.004	0.005	-0.026	0.020	0.198	-0.03 (-0.07, 0.01)	-0.027	0.023	0.239	-0.03 (-0.07, 0.02)
4922_13	CCL19	Q99731	211	0.002	0.015	0.884	2.17e-03 (-0.03, 0.03)	0.952	2.53E-07	-0.028	0.030	0.349	-0.03 (-0.09, 0.03)	0.002	0.244	0.027	0.023	0.249	0.03 (-0.02, 0.07)	0.020	0.023	0.383	0.02 (-0.02, 0.06)
13544_9	HMHA1	Q92619	211	-0.002	0.012	0.884	-1.75e-03 (-0.03, 0.02	0.952	0.079	-0.029	0.025	0.250	-0.03 (-0.08, 0.02)	0.002	0.210	-0.040	0.022	0.071	-0.04 (-0.08, 3.41e-	-0.056	0.023	0.017	-0.06 (-0.10, -0.01)
18243_9	CMPK1	P30085	211	-0.002	0.011	0.885	-1.66e-03 (-0.02, 0.02	0.953	0.130	-0.012	0.024	0.609	-0.01 (-0.06, 0.03)	0.001	0.607	-0.002	0.024	0.927	-2.18e-03 (-0.05, 0.	-0.005	0.020	0.813	-4.76e-03 (-0.04, 0.03)
5268_49	MMP16	P51512	211	-0.002	0.012	0.885	-1.66e-03 (-0.02, 0.02	0.953	0.162	-0.060	0.024	0.012	-0.06 (-0.11, -0.01)	0.004	0.005	-0.028	0.019	0.154	-0.03 (-0.07, 0.01)	-0.032	0.023	0.169	-0.03 (-0.08, 0.01)
8051_10	AGGF1	Q8N302	211	0.002	0.012	0.885	1.69e-03 (-0.02, 0.02)	0.953	0.088	-0.026	0.025	0.308	-0.03 (-0.07, 0.02)	0.002	0.209	0.007	0.024	0.778	0.01 (-0.04, 0.05)	0.001	0.024	0.958	1.29e-03 (-0.05, 0.05)
3388_58	PAK7	Q9P286	211	-0.002	0.012	0.886	-1.69e-03 (-0.02, 0.02	0.953	0.364	-0.053	0.023	0.023	-0.05 (-0.10, -0.01)	0.003	0.011	-0.009	0.020	0.654	-0.01 (-0.05, 0.03)	-0.006	0.023	0.788	-0.01 (-0.05, 0.04)
2693_20	OSM	P13725	211	-0.002	0.013	0.886	-1.88e-03 (-0.03, 0.02	0.953	0.024	-0.076	0.025	0.003	-0.08 (-0.13, -0.03)	0.005	0.001	-0.017	0.023	0.446	-0.02 (-0.06, 0.03)	-0.016	0.026	0.536	-0.02 (-0.07, 0.04)
12644_63	ADSS	P30520	211	-0.002	0.012	0.887	-1.67e-03 (-0.02, 0.02	0.953	0.118	-0.025	0.024	0.299	-0.03 (-0.07, 0.02)	0.001	0.261	-0.010	0.023	0.659	-0.01 (-0.06, 0.04)	-0.020	0.025	0.409	-0.02 (-0.07, 0.03)
13992_12	NSF	P46459	211	-0.002	0.013	0.887	-1.81e-03 (-0.03, 0.02	0.953	0.027	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.004	0.005	-0.023	0.019	0.220	-0.02 (-0.06, 0.01)	-0.038	0.025	0.137	-0.04 (-0.09, 0.01)
13490_1	MPP6	Q9NZW5	211	-0.002	0.012	0.888	-1.67e-03 (-0.02, 0.02	0.954	0.599	-0.060	0.023	0.012	-0.06 (-0.11, -0.01)	0.004	0.005	-0.018	0.020	0.385	-0.02 (-0.06, 0.02)	-0.024	0.024	0.315	-0.02 (-0.07, 0.02)
14684_17	CAPN2	P17655	211	0.002	0.012	0.887	1.74e-03 (-0.02, 0.03)	0.954	0.784	-0.017	0.024	0.485	-0.02 (-0.06, 0.03)	0.001	0.370	-0.002	0.026	0.931	-2.25e-03 (-0.05, 0.	0.012	0.025	0.614	0.01 (-0.04, 0.06)
16558_2	MYOC	Q99972	211	0.002	0.014	0.888	2.01e-03 (-0.03, 0.03)	0.954	1.02E-04	0.005	0.028	0.859	4.93e-03 (-0.05, 0.06)	0.000	0.902	0.001	0.026	0.959	1.32e-03 (-0.05, 0.0	0.011	0.025	0.671	0.01 (-0.04, 0.06)
11118_107	RAB17	Q9H0T7	211	0.002	0.014	0.888	1.95e-03 (-0.03, 0.03)	0.954	3.97E-04	-0.069	0.027	0.012	-0.07 (-0.12, -0.02)	0.004	0.003	-0.020	0.023	0.382	-0.02 (-0.07, 0.03)	-0.001	0.023	0.962	-1.13e-03 (-0.05, 0.04)
12761_12	APBB2	Q92870	211	0.002	0.012	0.889	1.65e-03 (-0.02, 0.02)	0.954	0.750	-0.050	0.023	0.034	-0.05 (-0.10, -4.07e-0	0.003	0.011	-0.025	0.020	0.221	-0.02 (-0.06, 0.02)	-0.032	0.025	0.195	-0.03 (-0.08, 0.02)
4250_23	NSFL1C	Q9UNZ2	211	-0.002	0.012	0.889	-1.67e-03 (-0.03, 0.02	0.954	0.080	-0.030	0.025	0.240	-0.03 (-0.08, 0.02)	0.002	0.199	-0.031	0.023	0.171	-0.03 (-0.08, 0.01)	-0.039	0.025	0.117	-0.04 (-0.09, 0.01)
8900_28	NEO1	Q92859	211	-0.002	0.014	0.888	-1.92e-03 (-0.03, 0.02	0.954	0.006	0.015	0.027	0.578	0.02 (-0.04, 0.07)	-0.001	0.468	-0.025	0.024	0.295	-0.03 (-0.07, 0.02)	-0.028	0.025	0.270	-0.03 (-0.08, 0.02)
2247_20	PROK1	P58294	211	0.002	0.012	0.889	1.62e-03 (-0.02, 0.02)	0.954	0.160	-0.053	0.024	0.026	-0.05 (-0.10, -0.01)	0.003	0.008	-0.039	0.021	0.063	-0.04 (-0.08, 2.08e-	-0.036	0.026	0.174	-0.04 (-0.09, 0.02)
12345_4	ANAPC10	Q9UM13	211	0.002	0.012	0.889	1.63e-03 (-0.02, 0.02)	0.954	0.148	-0.052	0.024	0.032	-0.05 (-0.10, -4.83e-0	0.003	0.010	-0.012	0.020	0.548	-0.01 (-0.05, 0.03)	-0.021	0.022	0.340	-0.02 (-0.07, 0.02)
16746_12	INHBB	P09529	211	-0.002	0.012	0.889	-1.63e-03 (-0.02, 0.02	0.954	0.141	-0.077	0.024	0.001	-0.08 (-0.12, -0.03)	0.005	3.32E-04	-0.006	0.020	0.753	-0.01 (-0.04, 0.03)	-0.023	0.024	0.340	-0.02 (-0.07, 0.02)
6290_3	UTS2B	Q765I0	211	-0.002	0.012	0.890	-1.62e-03 (-0.02, 0.02	0.954	0.144	-0.045	0.024	0.065	-0.04 (-0.09, 2.52e-03	0.003	0.040	-0.035	0.021	0.102	-0.04 (-0.08, 0.01)	-0.042	0.025	0.088	-0.04 (-0.09, 0.01)
11592_1	ELAVL1	Q15717	211	-0.002	0.013	0.891	-1.80e-03 (-0.03, 0.02	0.955	0.013	-0.064	0.026	0.013	-0.06 (-0.11, -0.01)	0.004	0.005	-0.055	0.021	0.009	-0.06 (-0.10, -0.01)	-0.053	0.024	0.028	-0.05 (-0.10, -0.01)
3875_62	ARID3A	Q99856	211	-0.002	0.013	0.891	-1.80e-03 (-0.03, 0.02	0.955	0.015	-0.034	0.026	0.190	-0.03 (-0.08, 0.02)	0.002	0.151	-0.025	0.021	0.228	-0.03 (-0.07, 0.02)	-0.023	0.025	0.348	-0.02 (-0.07, 0.03)
8780_2	PCDH10	Q9P2E7	211	0.002	0.011	0.891	1.54e-03 (-0.02, 0.02)	0.955	0.915	-0.013	0.023	0.573	-0.01 (-0.06, 0.03)	0.001	0.466	0.003	0.023	0.894	3.11e-03 (-0.04, 0.0	0.016	0.023	0.496	0.02 (-0.03, 0.06)
6267_51	STMN4	Q9H169	211	-0.002	0.013	0.892	-1.83e-03 (-0.03, 0.02	0.955	0.006	-0.045	0.026	0.090	-0.05 (-0.10, 0.01)	0.003	0.060	-0.030	0.020	0.142	-0.03 (-0.07, 0.01)	-0.046	0.026	0.080	-0.05 (-0.10, 0.01)
19215_7	NDRG1	Q92597	211	0.002	0.011	0.893	1.55e-03 (-0.02, 0.02)	0.956	0.127	-0.058	0.024	0.015	-0.06 (-0.10, -0.01)	0.004	0.004	-0.023	0.022	0.292	-0.02 (-0.07, 0.02)	-0.019	0.025	0.432	-0.02 (-0.07, 0.03)
11138_16	RUNX3	Q13761	211	0.002	0.012	0.893	1.56e-03 (-0.02, 0.02)	0.956	0.237	-0.067	0.023	0.005	-0.07 (-0.11, -0.02)	0.004	0.001	-0.035	0.020	0.082	-0.04 (-0.08, 4.54e-	-0.047	0.023	0.045	-0.05 (-0.09, -1.31e-03)
11678_105	GJD2	Q9UKL4	211	0.002	0.013	0.894	1.74e-03 (-0.02, 0.03)	0.956	0.009	-0.063	0.025	0.014	-0.06 (-0.11, -0.01)	0.004	0.004	-0.037	0.023	0.112	-0.04 (-0.08, 0.01)	-0.040	0.023	0.089	-0.04 (-0.09, 0.01)
19568_17	IL15	P40933	211	0.002	0.012	0.893	1.59e-03 (-0.02, 0.02)	0.956	0.106	-0.043	0.025	0.080	-0.04 (-0.09, 4.95e-03	0.003	0.036	-0.031	0.020	0.117	-0.03 (-0.07, 0.01)	-0.032	0.024	0.185	-0.03 (-0.08, 0.01)
5542_22	NRP1	O14786	211	-0.002	0.015	0.894	-2.05e-03 (-0.03, 0.03	0.956	7.35E-08	0.036	0.030	0.242	0.04 (-0.02, 0.10)	-0.002	0.153	-0.024	0.024	0.323	-0.02 (-0.07, 0.02)	-0.022	0.026	0.393	-0.02 (-0.07, 0.03)
9087_8	NHLRC3	Q5JS37	211	0.002	0.012	0.894	1.57e-03 (-0.02, 0.02)	0.956	0.105	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)	0.004	0.003	-0.019	0.024	0.414	-0.02 (-0.07, 0.03)	-0.025	0.024	0.312	-0.02 (-0.07, 0.02)
11671_19	BRPF1	P55201	211	0.002	0.013	0.894	1.73e-03 (-0.02, 0.03)	0.956	0.008	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)	0.004	0.007	-0.016	0.022	0.469	-0.02 (-0.06, 0.03)	-0.008	0.023	0.728	-0.01 (-0.05, 0.04)
16922_53	PLXNB3	Q9ULL4	211	0.002	0.012	0.894	1.55e-03 (-0.02, 0.02)	0.956	0.287	-0.008	0.024	0.751	-0.01 (-0.05, 0.04)	0.001	0.659	-0.020	0.021	0.341	-0.02 (-0.06, 0.02)	-0.015	0.024	0.545	-0.01 (-0.06, 0.03)
4271_75	PFDN5	Q99471	211	0.002	0.012	0.894	1.56e-03 (-0.02, 0.02)	0.956	0.140	-0.051	0.024	0.037	-0.05 (-0.10, -3.33e-0	0.003	0.013	-0.018	0.024	0.453	-0.02 (-0.06, 0.03)	-0.013	0.024	0.578	-0.01 (-0.06, 0.03)
12477_42	TSN	Q15631	211	-0.002	0.012	0.895	-1.57e-03 (-0.02, 0.02	0.957	0.110	-0.029	0.025	0.254	-0.03 (-0.08, 0.02)	0.002	0.212	-0.027	0.021	0.215	-0.03 (-0.07, 0.02)	-0.015	0.023	0.518	-0.01 (-0.06, 0.03)
15404_3	IFNA21	P01568	211	0.001	0.011	0.895	1.49e-03 (-0.02, 0.02)	0.957	0.720	-0.053	0.022	0.019	-0.05 (-0.10, -0.01)	0.003	0.006	-0.023	0.018	0.191	-0.02 (-0.06, 0.01)	-0.037	0.021	0.083	-0.04 (-0.08, 4.65e-03)
12398_15	PAX4	O43316	211	0.002	0.012	0.896	1.55e-03 (-0.02, 0.02)	0.957	0.165	-0.047	0.024	0.054	-0.05 (-0.09, 4.51e-04	0.003	0.021	-0.015	0.024	0.536	-0.01 (-0.06, 0.03)	-0.014	0.025	0.568	-0.01 (-0.06, 0.03)
13967_14	TXNRD1	Q16881	211	0.002	0.013	0.896	1.71e-03 (-0.02, 0.03)	0.957	0.022	-0.048	0.026	0.062	-0.05 (-0.10, 2.05e-03	0.003	0.025	-0.025	0.022	0.252	-0.02 (-0.07, 0.02)	-0.046	0.025	0.064	-0.05 (-0.10, 2.47e-03)
14331_262	DYNLT1	P63172	211	0.002	0.012	0.896	1.54e-03 (-0.02, 0.02)	0.957	0.485	-0.052	0.023	0.026	-0.05 (-0.10, -0.01)	0.003	0.008	-0.028	0.021	0.186	-0.03 (-0.07, 0.01)	-0.021	0.023	0.361	-0.02 (-0.07, 0.02)
19328_51	CHEK2	O96017	211	-0.002	0.012	0.896	-1.53e-03 (-0.02, 0.02	0.957	0.155	-0.056	0.024	0.021	-0.06 (-0.10, -0.01)	0.003	0.009	-0.009	0.020	0.653	-0.01 (-0.05, 0.03)	-0.030	0.027	0.270	-0.03 (-0.08, 0.02)
8814_33	PSAPL1	Q6NUJ1	211	0.002	0.014	0.896	1.76e-03 (-0.02, 0.03)	0.957	0.025	0.049	0.027	0.066	0.05 (-3.02e-03, 0.10)	-0.003	0.041	0.032	0.020	0.115	0.03 (-0.01, 0.07)	0.059	0.025	0.018	0.06 (0.01, 0.11)
16913_8	RNASET2	O00584	211	-0.002	0.014	0.898	-1.82e-03 (-0.03, 0.03	0.958	1.29E-04	-0.016	0.028	0.578	-0.02 (-0.07, 0.04)	0.001	0.568	-0.012	0.026	0.658	-0.01 (-0.06, 0.04)	-0.017	0.025	0.509	-0.02 (-0.07, 0.03)
19223_6	RAB1A	P62820	211	-0.002	0.012	0.898	-1.50e-03 (-0.02, 0.02	0.958	0.163	-0.011	0.024	0.666	-0.01 (-0.06, 0.04)	0.001	0.669	-0.028	0.021	0.182	-0.03 (-0.07, 0.01)	-0.027	0.023	0.241	-0.03 (-0.07, 0.02)
6984_6	IGSF8	Q969P0	211	0.002	0.012	0.898	1.52e-03 (-0.02, 0.02)	0.958	0.303	-0.018	0.024	0.462	-0.02 (-0.06, 0.03)	0.001	0.355	-0.019	0.020	0.330	-0.02 (-0.06, 0.02)	-0.030	0.024	0.221	-0.03 (-0.08, 0.02)
12875_28	UBTD2	Q8WUN7	211	0.001	0.012	0.899	1.47e-03 (-0.02, 0.02)	0.959	0.203	-0.059	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.003	-0.008	0.019	0.683	-0.01 (-0.05, 0.03)	-0.026	0.023	0.258	-0.03 (-0.07, 0.02)
13491_40	PDE6D	O43924	211	0.001	0.012	0.900	1.49e-03 (-0.02, 0.02)	0.959	0.333	-0.025	0.024	0.307	-0.02 (-0.07, 0.02)	0.002	0.210	0.001	0.020	0.957	1.06e-03 (-0.04, 0.0	-0.014	0.026	0.589	-0.01 (-0.06, 0.04)
13629_25	ATG4B	Q9Y4P1	211	0.002	0.013	0.900	1.64e-03 (-0.02, 0.03)	0.959	0.007	-0.026	0.026	0.321	-0.03 (-0.08, 0.03)	0.002	0.222	-0.035	0.022	0.119	-0.03 (-0.08, 0.01)	-0.039	0.025	0.115	-0.04 (-0.09, 0.01)
18887_7	ENTPD2	Q9Y5L3	211	0.001	0.011	0.900	1.44e-03 (-0.02, 0.02)	0.959	0.331	-0.032	0.023	0.170	-0.03 (-0.08, 0.01)	0.002	0.098	-0.026	0.022	0.236	-0.03 (-0.07, 0.02)	-0.020	0.022	0.379	-0.02 (-0.06, 0.02)
19290_5	HPRT1	P00492	211	-0.001	0.012	0.900	-1.47e-03 (-0.02, 0.02	0.959	0.089	-0.035	0.025	0.157	-0.04 (-0.08, 0.01)	0.002	0.117	-0.027	0.019	0.165	-0.03 (-0.06, 0.01)	-0.035	0.023	0.138	-0.03 (-0.08, 0.01)
2719_3	CSF3R	Q99062	211	-0.002	0.012	0.899	-1.50e-03 (-0.02, 0.02	0.959	0.098	-0.081	0.024	0.001	-0.08 (-0.13, -0.03)	0.005	1.90E-04	-0.025	0.021	0.231	-0.02 (-0.07, 0.02)	-0.023	0.023	0.308	-0.02 (-0.07, 0.02)
2846_24	RPS27A	P62979	211	-0.002	0.013	0.900	-1.60e-03 (-0.03, 0.02	0.959	0.044	-0.031	0.025	0.216	-0.03 (-0.08, 0.02)	0.002	0.174	-0.037	0.022	0.090	-0.04 (-0.08, 0.01)	-0.035	0.023	0.136	-0.03 (-0.08, 0.01)
4158_54	PLAU	P00749	211	0.002	0.012	0.900	1.54e-03 (-0.02, 0.03)	0.959	0.064	0.003	0.026	0.903	3.18e-03 (-0.05, 0.05)	0.000	0.942	-0.013	0.026	0.608	-0.01 (-0.06, 0.04)	-0.007	0.026	0.787	-0.01 (-0.06, 0.04)
7788_1	ATP5J	P18859	211	-0.001	0.012	0.900	-1.49e-03 (-0.02, 0.02	0.959	0.859	-0.013	0.023	0.571	-0.01 (-0.06, 0.03)	0.001	0.560	-0.013	0.023	0.572	-0.01 (-0.06, 0.03)	-0.007	0.025	0.784	-0.01 (-0.06, 0.04)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
19615_213	NT5C3A	Q9H0P0	211	-0.001	0.012	0.901	-1.45e-03 (-0.02, 0.02	0.959	0.236	-0.027	0.024	0.257	-0.03 (-0.07, 0.02)	0.002	0.214	-0.014	0.023	0.544	-0.01 (-0.06, 0.03)	-0.017	0.023	0.471	-0.02 (-0.06, 0.03)
19640_2	PTH	P01270	211	-0.001	0.012	0.901	-1.43e-03 (-0.02, 0.02	0.959	0.166	-0.049	0.024	0.039	-0.05 (-0.10, -2.67e-0	0.003	0.021	-0.035	0.019	0.073	-0.03 (-0.07, 3.24e-	-0.035	0.023	0.128	-0.03 (-0.08, 0.01)
5822_22	GDNF	P39905	211	0.001	0.012	0.901	1.46e-03 (-0.02, 0.02)	0.959	0.270	-0.039	0.024	0.105	-0.04 (-0.09, 0.01)	0.003	0.052	-0.008	0.025	0.743	-0.01 (-0.06, 0.04)	-0.009	0.024	0.707	-0.01 (-0.05, 0.04)
8310_6	ZG16B	Q96DA0	211	0.001	0.011	0.901	1.42e-03 (-0.02, 0.02)	0.959	0.085	0.011	0.024	0.652	0.01 (-0.04, 0.06)	-0.001	0.650	-0.008	0.021	0.716	-0.01 (-0.05, 0.03)	-0.010	0.022	0.665	-0.01 (-0.05, 0.03)
11551_16	HMG20B	Q9P0W2	211	0.002	0.013	0.902	1.63e-03 (-0.02, 0.03)	0.959	0.005	-0.062	0.026	0.018	-0.06 (-0.11, -0.01)	0.004	0.005	-0.046	0.020	0.022	-0.05 (-0.09, -0.01)	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)
19170_25	POLE3	Q9NRF9	211	0.001	0.012	0.902	1.45e-03 (-0.02, 0.02)	0.959	0.056	-0.056	0.025	0.025	-0.06 (-0.10, -0.01)	0.004	0.008	-0.027	0.021	0.196	-0.03 (-0.07, 0.01)	-0.029	0.024	0.228	-0.03 (-0.08, 0.02)
9933_49	ATP1B4	Q9UN42	211	0.001	0.011	0.902	1.41e-03 (-0.02, 0.02)	0.959	0.542	0.006	0.023	0.803	0.01 (-0.04, 0.05)	0.000	0.828	-0.015	0.020	0.453	-0.02 (-0.05, 0.02)	-0.008	0.023	0.732	-0.01 (-0.05, 0.04)
10621_26	PRR16	Q569H4	211	0.001	0.012	0.903	1.43e-03 (-0.02, 0.02)	0.959	0.262	-0.029	0.024	0.224	-0.03 (-0.08, 0.02)	0.002	0.140	-0.028	0.023	0.233	-0.03 (-0.07, 0.02)	-0.013	0.023	0.573	-0.01 (-0.06, 0.03)
10832_24	B4GALT6	Q9UBX8	211	-0.002	0.016	0.904	-1.90e-03 (-0.03, 0.03	0.959	1.73E-10	0.013	0.031	0.679	0.01 (-0.05, 0.07)	-0.001	0.583	0.003	0.025	0.919	2.58e-03 (-0.05, 0.0	0.008	0.025	0.755	0.01 (-0.04, 0.06)
11989_35	EMC1	Q8N766	211	0.001	0.012	0.903	1.43e-03 (-0.02, 0.02)	0.959	0.625	-0.039	0.023	0.093	-0.04 (-0.09, 0.01)	0.003	0.044	-0.019	0.023	0.402	-0.02 (-0.06, 0.03)	-0.010	0.022	0.660	-0.01 (-0.05, 0.03)
14197_2	PRDM1	O75626	211	0.001	0.012	0.904	1.43e-03 (-0.02, 0.02)	0.959	0.084	-0.063	0.025	0.011	-0.06 (-0.11, -0.02)	0.004	0.003	-0.028	0.023	0.222	-0.03 (-0.07, 0.02)	-0.016	0.022	0.473	-0.02 (-0.06, 0.03)
5457_5	COLEC12	Q5KU26	211	0.002	0.013	0.903	1.54e-03 (-0.02, 0.03)	0.959	0.148	0.034	0.026	0.202	0.03 (-0.02, 0.08)	-0.002	0.159	0.011	0.027	0.680	0.01 (-0.04, 0.06)	-0.010	0.027	0.714	-0.01 (-0.06, 0.04)
5900_11	HINT1	P49773	211	0.001	0.012	0.903	1.43e-03 (-0.02, 0.02)	0.959	0.141	-0.044	0.024	0.075	-0.04 (-0.09, 4.10e-03	0.003	0.033	-0.031	0.023	0.166	-0.03 (-0.08, 0.01)	-0.031	0.023	0.182	-0.03 (-0.08, 0.01)
6544_33	NELL1	Q92832	211	0.002	0.014	0.904	1.67e-03 (-0.03, 0.03)	0.959	0.021	-0.035	0.027	0.195	-0.04 (-0.09, 0.02)	0.002	0.116	-0.020	0.025	0.421	-0.02 (-0.07, 0.03)	-0.017	0.025	0.511	-0.02 (-0.07, 0.03)
8468_19	KLK3	P07288	211	-0.001	0.012	0.903	-1.42e-03 (-0.02, 0.02	0.959	0.369	-0.031	0.023	0.189	-0.03 (-0.08, 0.02)	0.002	0.147	-0.017	0.023	0.453	-0.02 (-0.06, 0.03)	-0.014	0.027	0.616	-0.01 (-0.07, 0.04)
9026_40	BTNL8	Q6UX41	211	-0.001	0.012	0.903	-1.43e-03 (-0.02, 0.02	0.959	0.204	-0.041	0.024	0.089	-0.04 (-0.09, 0.01)	0.002	0.058	-0.014	0.021	0.509	-0.01 (-0.05, 0.03)	-0.022	0.024	0.358	-0.02 (-0.07, 0.02)
12521_3	CDKN2C	P42773	211	0.002	0.013	0.905	1.55e-03 (-0.02, 0.03)	0.960	0.024	-0.059	0.025	0.019	-0.06 (-0.11, -0.01)	0.004	0.005	-0.028	0.023	0.233	-0.03 (-0.07, 0.02)	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)
17699_43	TIMELESS	Q9UNS1	211	-0.001	0.012	0.905	-1.41e-03 (-0.02, 0.02	0.960	0.314	-0.020	0.024	0.395	-0.02 (-0.07, 0.03)	0.001	0.360	-0.014	0.024	0.545	-0.01 (-0.06, 0.03)	-0.006	0.024	0.817	-0.01 (-0.05, 0.04)
5082_51	IL1RAPL2	Q9NP60	211	0.001	0.012	0.905	1.40e-03 (-0.02, 0.02)	0.960	0.341	-0.049	0.023	0.035	-0.05 (-0.10, -3.79e-0	0.003	0.012	-0.029	0.022	0.192	-0.03 (-0.07, 0.01)	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)
11606_22	DNAJB6	O75190	211	0.001	0.012	0.906	1.40e-03 (-0.02, 0.02)	0.960	0.051	-0.045	0.025	0.072	-0.05 (-0.09, 3.88e-03	0.003	0.032	-0.030	0.020	0.135	-0.03 (-0.07, 0.01)	-0.052	0.023	0.022	-0.05 (-0.10, -0.01)
13986_6	LANCL1	O43813	211	-0.002	0.013	0.906	-1.58e-03 (-0.03, 0.02	0.960	0.013	-0.046	0.026	0.083	-0.05 (-0.10, 0.01)	0.003	0.053	-0.045	0.022	0.037	-0.04 (-0.09, -2.61e-	-0.046	0.023	0.052	-0.05 (-0.09, 4.05e-05)
2835_1	XRCC6	P12956	211	0.002	0.013	0.906	1.51e-03 (-0.02, 0.03)	0.960	0.031	-0.044	0.025	0.083	-0.04 (-0.09, 0.01)	0.003	0.038	-0.033	0.020	0.110	-0.03 (-0.07, 0.01)	-0.035	0.024	0.150	-0.03 (-0.08, 0.01)
3317_33	HTRA2	O43464	211	-0.001	0.012	0.907	-1.39e-03 (-0.02, 0.02	0.961	0.153	-0.032	0.025	0.190	-0.03 (-0.08, 0.02)	0.002	0.146	-0.028	0.020	0.163	-0.03 (-0.07, 0.01)	-0.041	0.027	0.133	-0.04 (-0.09, 0.01)
4132_27	FST	P19883	211	0.001	0.012	0.907	1.38e-03 (-0.02, 0.02)	0.961	0.084	-0.053	0.025	0.034	-0.05 (-0.10, -4.37e-0	0.003	0.012	-0.027	0.020	0.171	-0.03 (-0.07, 0.01)	-0.033	0.023	0.143	-0.03 (-0.08, 0.01)
13519_112	ARHGEF25	Q86VW2	211	0.001	0.012	0.908	1.35e-03 (-0.02, 0.02)	0.962	0.326	-0.038	0.023	0.109	-0.04 (-0.08, 0.01)	0.002	0.055	-0.023	0.024	0.340	-0.02 (-0.07, 0.02)	-0.020	0.023	0.378	-0.02 (-0.07, 0.02)
13671_40	ELANE	P08246	211	-0.002	0.016	0.910	-1.81e-03 (-0.03, 0.03	0.963	1.33E-07	-0.023	0.032	0.462	-0.02 (-0.09, 0.04)	0.001	0.432	-0.040	0.021	0.058	-0.04 (-0.08, 1.44e-	-0.058	0.025	0.023	-0.06 (-0.11, -0.01)
13680_3	NAB2	Q15742	211	0.001	0.012	0.910	1.33e-03 (-0.02, 0.02)	0.963	0.212	-0.051	0.024	0.032	-0.05 (-0.10, -4.65e-0	0.003	0.011	-0.029	0.020	0.160	-0.03 (-0.07, 0.01)	-0.034	0.022	0.121	-0.03 (-0.08, 0.01)
12451_62	BACH1	O14867	211	0.001	0.013	0.910	1.47e-03 (-0.02, 0.03)	0.963	0.018	-0.070	0.025	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.024	0.022	0.264	-0.02 (-0.07, 0.02)	-0.025	0.025	0.319	-0.02 (-0.07, 0.02)
18434_141	TBPL1	P62380	211	-0.001	0.012	0.910	-1.34e-03 (-0.02, 0.02	0.963	0.085	-0.033	0.025	0.191	-0.03 (-0.08, 0.02)	0.002	0.146	-0.040	0.021	0.058	-0.04 (-0.08, 1.35e-	-0.049	0.024	0.041	-0.05 (-0.10, -2.35e-03)
12578_13	ARF3	P61204	211	-0.001	0.012	0.913	-1.27e-03 (-0.02, 0.02	0.965	0.219	-0.017	0.024	0.471	-0.02 (-0.06, 0.03)	0.001	0.440	-0.011	0.025	0.655	-0.01 (-0.06, 0.04)	0.000	0.022	0.989	-3.00e-04 (-0.04, 0.04)
12804_5	GMEB2	Q9UKD1	211	-0.001	0.012	0.913	-1.29e-03 (-0.02, 0.02	0.965	0.392	-0.030	0.024	0.215	-0.03 (-0.08, 0.02)	0.002	0.170	-0.025	0.024	0.298	-0.02 (-0.07, 0.02)	-0.026	0.024	0.278	-0.03 (-0.07, 0.02)
13042_7	KCNA10	Q16322	211	0.001	0.012	0.912	1.29e-03 (-0.02, 0.02)	0.965	0.153	-0.050	0.024	0.039	-0.05 (-0.10, -2.77e-0	0.003	0.014	-0.020	0.020	0.299	-0.02 (-0.06, 0.02)	-0.029	0.024	0.220	-0.03 (-0.08, 0.02)
15670_15	C1QL2	Q7Z5L3	211	0.001	0.013	0.913	1.40e-03 (-0.02, 0.03)	0.965	0.034	-0.070	0.025	0.006	-0.07 (-0.12, -0.02)	0.004	0.001	-0.026	0.024	0.273	-0.03 (-0.07, 0.02)	-0.020	0.021	0.342	-0.02 (-0.06, 0.02)
16802_31	OCIAD1	Q9NX40	211	-0.001	0.013	0.912	-1.45e-03 (-0.03, 0.02	0.965	0.020	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.004	0.002	-0.030	0.023	0.190	-0.03 (-0.07, 0.01)	-0.024	0.024	0.307	-0.02 (-0.07, 0.02)
19620_16	DLG2	Q15700	211	-0.001	0.013	0.913	-1.41e-03 (-0.03, 0.02	0.965	0.029	-0.028	0.026	0.284	-0.03 (-0.08, 0.02)	0.002	0.239	-0.042	0.022	0.064	-0.04 (-0.09, 2.36e-	-0.054	0.027	0.052	-0.05 (-0.11, 2.12e-04)
3434_34	FN1	P02751	211	-0.001	0.012	0.913	-1.26e-03 (-0.02, 0.02	0.965	0.127	-0.025	0.024	0.297	-0.03 (-0.07, 0.02)	0.002	0.251	-0.009	0.023	0.685	-0.01 (-0.05, 0.04)	-0.009	0.023	0.685	-0.01 (-0.05, 0.04)
9391_60	PCSK1N	Q9UHG2	211	-0.001	0.013	0.913	-1.41e-03 (-0.03, 0.02	0.965	0.024	-0.046	0.025	0.070	-0.05 (-0.10, 3.49e-03	0.003	0.042	-0.026	0.021	0.222	-0.03 (-0.07, 0.02)	-0.028	0.023	0.236	-0.03 (-0.07, 0.02)
5715_4	ABHD14A	Q9BUJ0	211	-0.001	0.013	0.914	-1.44e-03 (-0.03, 0.02	0.965	0.005	-0.063	0.026	0.016	-0.06 (-0.11, -0.01)	0.004	0.007	-0.040	0.021	0.059	-0.04 (-0.08, 1.45e-	-0.046	0.027	0.085	-0.05 (-0.10, 0.01)
13979_3	SLC26A7	Q8TE54	211	0.001	0.012	0.915	1.24e-03 (-0.02, 0.02)	0.966	0.639	-0.046	0.023	0.047	-0.05 (-0.09, -9.30e-0	0.003	0.018	-0.018	0.022	0.418	-0.02 (-0.06, 0.03)	-0.017	0.023	0.464	-0.02 (-0.06, 0.03)
14628_72	FBXO3	Q9UK99	211	0.001	0.012	0.915	1.34e-03 (-0.02, 0.03)	0.966	0.018	-0.011	0.025	0.668	-0.01 (-0.06, 0.04)	0.001	0.576	-0.003	0.021	0.884	-3.11e-03 (-0.04, 0.	0.012	0.021	0.552	0.01 (-0.03, 0.05)
17172_19	STATH	P02808	211	-0.001	0.013	0.915	-1.34e-03 (-0.03, 0.02	0.966	0.027	-0.015	0.025	0.546	-0.02 (-0.06, 0.03)	0.001	0.524	-0.013	0.019	0.486	-0.01 (-0.05, 0.02)	-0.013	0.023	0.581	-0.01 (-0.06, 0.03)
7943_16	CUZD1	Q86UP6	211	0.002	0.017	0.916	1.79e-03 (-0.03, 0.03)	0.966	3.71E-15	-0.055	0.034	0.107	-0.06 (-0.12, 0.01)	0.003	0.056	0.002	0.024	0.926	2.21e-03 (-0.04, 0.0	0.012	0.022	0.607	0.01 (-0.03, 0.06)
10600_24	CLGN	O14967	211	-0.002	0.016	0.916	-1.65e-03 (-0.03, 0.03	0.966	5.78E-09	-0.012	0.032	0.706	-0.01 (-0.07, 0.05)	0.001	0.708	0.000	0.025	0.989	3.37e-04 (-0.05, 0.0	0.003	0.025	0.904	3.03e-03 (-0.05, 0.05)
10975_59	MUCL1	Q96DR8	211	-0.001	0.012	0.916	-1.23e-03 (-0.02, 0.02	0.966	0.154	-0.057	0.024	0.019	-0.06 (-0.10, -0.01)	0.003	0.008	-0.033	0.021	0.116	-0.03 (-0.07, 0.01)	-0.032	0.024	0.184	-0.03 (-0.08, 0.01)
12678_66	SNRPA	P09012	211	-0.001	0.013	0.917	-1.35e-03 (-0.03, 0.02	0.966	0.027	-0.065	0.025	0.010	-0.07 (-0.11, -0.02)	0.004	0.004	-0.029	0.020	0.153	-0.03 (-0.07, 0.01)	-0.051	0.026	0.050	-0.05 (-0.10, -1.97e-04)
14250_115	BLMH	Q13867	211	-0.001	0.012	0.917	-1.21e-03 (-0.02, 0.02	0.966	0.509	-0.052	0.023	0.024	-0.05 (-0.10, -0.01)	0.003	0.011	-0.031	0.023	0.177	-0.03 (-0.07, 0.01)	-0.035	0.025	0.155	-0.04 (-0.08, 0.01)
4392_54	FGF12	P61328	211	-0.001	0.012	0.917	-1.22e-03 (-0.02, 0.02	0.966	0.437	-0.045	0.023	0.052	-0.05 (-0.09, 1.81e-04	0.003	0.029	-0.037	0.021	0.074	-0.04 (-0.08, 3.59e-	-0.036	0.024	0.135	-0.04 (-0.08, 0.01)
11405_150	CARD9	Q9H257	211	0.001	0.013	0.917	1.32e-03 (-0.02, 0.03)	0.966	0.047	-0.069	0.025	0.005	-0.07 (-0.12, -0.02)	0.004	0.001	-0.029	0.022	0.185	-0.03 (-0.07, 0.01)	-0.032	0.024	0.180	-0.03 (-0.08, 0.01)
14151_4	ISG15	P05161	211	0.001	0.013	0.917	1.38e-03 (-0.02, 0.03)	0.966	0.008	-0.027	0.026	0.301	-0.03 (-0.08, 0.02)	0.002	0.209	-0.020	0.020	0.325	-0.02 (-0.06, 0.02)	-0.020	0.025	0.418	-0.02 (-0.07, 0.03)
17364_8	SNRPB2	P08579	211	0.001	0.014	0.918	1.42e-03 (-0.03, 0.03)	0.966	0.002	-0.047	0.027	0.082	-0.05 (-0.10, 0.01)	0.003	0.038	-0.025	0.020	0.199	-0.03 (-0.06, 0.01)	-0.050	0.027	0.066	-0.05 (-0.10, 2.99e-03)
4138_25	IL20	Q9NYY1	211	0.001	0.012	0.918	1.21e-03 (-0.02, 0.02)	0.966	0.295	-0.036	0.024	0.133	-0.04 (-0.08, 0.01)	0.002	0.073	-0.026	0.023	0.268	-0.03 (-0.07, 0.02)	-0.018	0.023	0.452	-0.02 (-0.06, 0.03)
11229_16	ERN1	O75460	211	0.001	0.013	0.918	1.35e-03 (-0.02, 0.03)	0.967	0.004	-0.038	0.026	0.147	-0.04 (-0.09, 0.01)	0.002	0.082	-0.028	0.020	0.159	-0.03 (-0.07, 0.01)	-0.044	0.022	0.050	-0.04 (-0.09, -2.79e-04)
12422_143	ALOX15B	O15296	211	-0.001	0.011	0.918	-1.18e-03 (-0.02, 0.02	0.967	0.074	-0.018	0.024	0.470	-0.02 (-0.07, 0.03)	0.001	0.435	0.005	0.023	0.838	4.74e-03 (-0.04, 0.0	0.008	0.022	0.721	0.01 (-0.04, 0.05)
16892_23	ENPP2	Q13822	211	0.001	0.012	0.919	1.24e-03 (-0.02, 0.03)	0.967	0.059	-0.003	0.026	0.907	-3.06e-03 (-0.05, 0.05	0.000	0.850	-0.005	0.026	0.835	-0.01 (-0.06, 0.04)	-0.002	0.025	0.924	-2.42e-03 (-0.05, 0.05)
6228_58	SPACA1	Q9HBV2	211	0.001	0.012	0.919	1.18e-03 (-0.02, 0.02)	0.967	0.192	-0.025	0.024	0.287	-0.03 (-0.07, 0.02)	0.002	0.198	-0.027	0.022	0.215	-0.03 (-0.07, 0.02)	-0.021	0.024	0.381	-0.02 (-0.07, 0.03)
18190_15	CARD18	P57730	211	-0.001	0.013	0.920	-1.30e-03 (-0.03, 0.02	0.967	0.028	-0.056	0.025	0.027	-0.06 (-0.11, -0.01)	0.003	0.012	-0.015	0.025	0.544	-0.02 (-0.06, 0.03)	-0.019	0.024	0.446	-0.02 (-0.07, 0.03)
10080_9	EIF2B1	Q14232	211	-0.001	0.013	0.920	-1.30e-03 (-0.03, 0.02	0.968	0.042	-0.037	0.026	0.156	-0.04 (-0.09, 0.01)	0.002	0.114	-0.002	0.020	0.933	-1.65e-03 (-0.04, 0.	-0.018	0.025	0.469	-0.02 (-0.07, 0.03)
13553_4	DCUN1D3	Q8IWE4	211	0.001	0.013	0.920	1.30e-03 (-0.02, 0.03)	0.968	0.015	-0.054	0.025	0.033	-0.05 (-0.10, -4.67e-0	0.004	0.012	-0.041	0.020	0.036	-0.04 (-0.08, -2.68e-	-0.062	0.024	0.011	-0.06 (-0.11, -0.02)
10703_203	SUDS3	Q9H7L9	211	-0.001	0.013	0.921	-1.28e-03 (-0.03, 0.02	0.968	0.031	-0.050	0.025	0.050	-0.05 (-0.10, -2.18e-0	0.003	0.028	-0.024	0.023	0.302	-0.02 (-0.07, 0.02)	-0.014	0.024	0.551	-0.01 (-0.06, 0.03)
13658_31	PDGFC	Q9NRA1	211	-0.001	0.012	0.921	-1.16e-03 (-0.02, 0.02	0.968	0.100	-0.065	0.024	0.008	-0.07 (-0.11, -0.02)	0.004	0.003	-0.023	0.024	0.342	-0.02 (-0.07, 0.02)	-0.019	0.025	0.456	-0.02 (-0.07, 0.03)
7947_19	ENTHD2	Q96N21	211	-0.001	0.012	0.921	-1.14e-03 (-0.02, 0.02	0.968	0.208	-0.048	0.024	0.043	-0.05 (-0.09, -1.86e-0	0.003	0.022	-0.029	0.021	0.175	-0.03 (-0.07, 0.01)	-0.025	0.023	0.274	-0.03 (-0.07, 0.02)
10453_7	CEACAM2(	Q6UY09	211	0.001	0.012	0.922	1.13e-03 (-0.02, 0.02)	0.969	0.104	-0.041	0.024	0.093	-0.04 (-0.09, 0.01)	0.003	0.046	-0.016	0.024	0.512	-0.02 (-0.06, 0.03)	-0.020	0.022	0.356	-0.02 (-0.06, 0.02)
11361_73	TYMP	P19971	211	0.001	0.012	0.922	1.17e-03 (-0.02, 0.02)	0.969	0.165	-0.032	0.025	0.190	-0.03 (-0.08, 0.02)	0.002	0.117	-0.032	0.022	0.151	-0.03 (-0.08, 0.01)	-0.039	0.024	0.099	-0.04 (-0.09, 0.01)
19267_14	HAGH	Q16775	211	-0.001	0.013	0.923	-1.26e-03 (-0.03, 0.02	0.969	0.037	-0.040	0.026	0.120	-0.04 (-0.09, 0.01)	0.002	0.081	-0.036	0.020	0.080	-0.04 (-0.08, 4.23e-	-0.044	0.025	0.078	-0.04 (-0.09, 4.73e-03)
6368_9	CSTL1	Q9H114	211	-0.001	0.012	0.923	-1.15e-03 (-0.02, 0.02	0.969	0.099	-0.040	0.025	0.110	-0.04 (-0.09, 0.01)	0.002	0.072	-0.017	0.021	0.406	-0.02 (-0.06, 0.02)	-0.031	0.027	0.249	-0.03 (-0.08, 0.02)
16853_5	NRK1	Q9NWW6	211	0.001	0.012	0.923	1.14e-03 (-0.02, 0.02)	0.969	0.110	-0.018	0.025	0.461	-0.02 (-0.07, 0.03)	0.001	0.365	-0.017	0.020	0.392	-0.02 (-0.06, 0.02)	-0.015	0.027	0.585	-0.01 (-0.07, 0.04)
13650_11	KCNIP1	Q9NZI2	211	0.001	0.014	0.924	1.30e-03 (-0.03, 0.03)	0.970	0.001	-0.071	0.026	0.008	-0.07 (-0.12, -0.02)	0.005	0.002	-0.015	0.021	0.462	-0.02 (-0.06, 0.03)	-0.009	0.025	0.707	-0.01 (-0.06, 0.04)
8480_29	EFEMP1	Q12805	211	-0.001	0.015	0.924	-1.42e-03 (-0.03, 0.03	0.970	1.43E-06	-0.026	0.030	0.379	-0.03 (-0.08, 0.03)	0.002	0.335	-0.015	0.025	0.557	-0.01 (-0.06, 0.03)	-0.022	0.025	0.371	-0.02 (-0.07, 0.03)
8357_43	SULT4A1	Q9BR01	211	-0.001	0.012	0.924	-1.10e-03 (-0.02, 0.02	0.970	0.103	-0.033	0.024	0.177	-0.03 (-0.08, 0.01)	0.002	0.131	-0.019	0.025	0.435	-0.02 (-0.07, 0.03)	-0.037	0.025	0.139	-0.04 (-0.09, 0.01)
12801_33	IRF2	P14316	211	-0.001	0.013	0.925	-1.19e-03 (-0.03, 0.02	0.970	0.037	-0.068	0.025	0.006	-0.07 (-0.12, -0.02)	0.004	0.002	-0.041	0.022	0.056	-0.04 (-0.08, 1.13e-	-0.026	0.024	0.280	-0.03 (-0.07, 0.02)
4468_21	SPHK2	Q9NRA0	211	0.001	0.012	0.925	1.11e-03 (-0.02, 0.02)	0.970	0.069	-0.045	0.025	0.075	-0.04 (-0.09, 4.26e-03	0.003	0.035	-0.017	0.023	0.452	-0.02 (-0.06, 0.03)	-0.013	0.024	0.572	-0.01 (-0.06, 0.03)
6631_17	COL9A1	P20849	211	0.001	0.013	0.925	1.21e-03 (-0.02, 0.03)	0.970	0.035	-0.044	0.025	0.085	-0.04 (-0.09, 0.01)	0.003	0.041	-0.033	0.022	0.136	-0.03 (-0.08, 0.01)	-0.028	0.023	0.218	-0.03 (-0.07, 0.02)
5704_74	GZMM	P51124	211	0.001	0.013	0.926	1.20e-03 (-0.02, 0.03)	0.970	0.027	-0.030	0.025	0.241	-0.03 (-0.08, 0.02)	0.002	0.157	0.006	0.024	0.808	0.01 (-0.04, 0.05)	-0.002	0.022	0.935	-1.76e-03 (-0.04, 0.04)
2806_49	ACVR1B	P36896	211	-0.001	0.012	0.926	-1.08e-03 (-0.02, 0.02	0.971	0.116	-0.049	0.024	0.047	-0.05 (-0.10, -9.74e-0	0.003	0.025	-0.020	0.023	0.395	-0.02 (-0.07, 0.03)	-0.020	0.025	0.434	-0.02 (-0.07, 0.03)
8850_5	PLA2G2C	Q5R387	211	0.001	0.012	0.927	1.07e-03 (-0.02, 0.02)	0.971	0.324	-0.050	0.023	0.034	-0.05 (-0.10, -4.05e-0	0.003	0.012	-0.011	0.022	0.618	-0.01 (-0.05, 0.03)	-0.008	0.024	0.746	-0.01 (-0.05, 0.04)
11212_7	TXNDC5	Q8NBS9	211	-0.001	0.013	0.928	-1.21e-03 (-0.03, 0.03	0.972	0.005	-0.019	0.027	0.472	-0.02 (-0.07, 0.03)	0.001	0.435	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	-0.020	0.026	0.453	-0.02 (-0.07, 0.03)
12634_79	BCAR3	O75815	211	0.001	0.013	0.928	1.19e-03 (-0.02, 0.03)	0.972	0.011	-0.052	0.026	0.043	-0.05 (-0.10, -1.88e-0	0.003	0.017	-0.023	0.026	0.372	-0.02 (-0.07, 0.03)	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)
13743_56	CUL4B	Q13620	211	0.001	0.012	0.928	1.07e-03 (-0.02, 0.02)	0.972	0.467	-0.027	0.024	0.253	-0.03 (-0.07, 0.02)	0.002	0.169	-0.021	0.021	0.307	-0.02 (-0.06, 0.02)	-0.029	0.024	0.237	-0.03 (-0.08, 0.02)
17748_21	TP53I3	Q53FA7	211	-0.001	0.012	0.929	-1.05e-03 (-0.02, 0.02	0.972	0.064	-0.022	0.025	0.377	-0.02 (-0.07, 0.03)	0.001	0.330	-0.030	0.022	0.172	-0.03 (-0.07, 0.01)	-0.023	0.024	0.331	-0.02 (-0.07, 0.02)
14692_3	ZNF276	Q8N554	211	-0.001	0.014	0.929	-1.22e-03 (-0.03, 0.03	0.972	0.001	-0.069	0.027	0.011	-0.07 (-0.12, -0.02)	0.004	0.004	-0.020	0.022	0.375	-0.02 (-0.06, 0.02)	-0.011	0.023	0.640	-0.01 (-0.06, 0.03)
18291_8	CDKN1A	P38936	211	-0.001	0.013	0.929	-1.16e-03 (-0.03, 0.02	0.972	0.042	-0.038	0.026	0.146	-0.04 (-0.09, 0.01)	0.002	0.103	-0.044	0.022	0.048	-0.04 (-0.09, -2.93e-	-0.049	0.025	0.056	-0.05 (-0.10, 9.51e-04)
2770_51	CCL1	P22362	211	0.001	0.013	0.929	1.18e-03 (-0.02, 0.03)	0.972	0.020	-0.070	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.002	-0.015	0.023	0.531	-0.01 (-0.06, 0.03)	-0.006	0.025	0.815	-0.01 (-0.06, 0.04)
12853_112	TMOD2	Q9NZR1	211	-0.001	0.012	0.930	-1.02e-03 (-0.02, 0.02	0.972	0.204	-0.021	0.024	0.388	-0.02 (-0.07, 0.03)	0.001	0.342	-0.025	0.022	0.259	-0.03 (-0.07, 0.02)	-0.014	0.026	0.579	-0.01 (-0.06, 0.04)
13449_25	SF3B4	Q15427	211	-0.001	0.013	0.930	-1.12e-03 (-0.03, 0.02	0.972	0.036	-0.039	0.025	0.125	-0.04 (-0.09, 0.01)	0.002	0.084	-0.020	0.024	0.399	-0.02 (-0.07, 0.03)	-0.009	0.024	0.702	-0.01 (-0.06, 0.04)
19281_86	MAFG	O15525	211	-0.001	0.013	0.930	-1.18e-03 (-0.03, 0.03	0.972	0.002	-0.070	0.026	0.008	-0.07 (-0.12, -0.02)	0.004	0.003	-0.035	0.019	0.063	-0.04 (-0.07, 1.87e-	-0.068	0.026	0.009	-0.07 (-0.12, -0.02)
5927_4	WISP3	O95389	211	0.001	0.012	0.930	1.03e-03 (-0.02, 0.02)	0.972	0.409	-0.046	0.023	0.048	-0.05 (-0.09, -6.15e-0	0.003	0.020	-0.027	0.022	0.235	-0.03 (-0.07, 0.02)	-0.021	0.025	0.404	-0.02 (-0.07, 0.03)
10817_26	TOMM20L	Q6UXN7	211	-0.001	0.014	0.931	-1.17e-03 (-0.03, 0.03	0.973	0.002	-0.069	0.026	0.010	-0.07 (-0.12, -0.02)	0.004	0.003	-0.021	0.024	0.387	-0.02 (-0.07, 0.03)	-0.013	0.024	0.601	-0.01 (-0.06, 0.03)
17747_45	TRAF1	Q13077	211	0.001	0.013	0.931	1.13e-03 (-0.02, 0.03)	0.973	0.018	-0.061	0.025	0.018	-0.06 (-0.11, -0.01)	0.004	0.005	-0.021	0.023	0.355	-0.02 (-0.07, 0.02)	-0.017	0.023	0.469	-0.02 (-0.06, 0.03)
9522_3	AIFM1	O95831	211	0.001	0.012	0.932	1.02e-03 (-0.02, 0.02)	0.973	0.585	-0.033	0.023	0.164	-0.03 (-0.08, 0.01)	0.002	0.097	-0.018	0.019	0.346	-0.02 (-0.06, 0.02)	-0.045	0.024	0.063	-0.05 (-0.09, 2.27e-03)
6715_63	ALPPL2	P10696	211	-0.001	0.013	0.933	-1.09e-03 (-0.03, 0.02	0.974	0.037	-0.036	0.026	0.163	-0.04 (-0.09, 0.01)	0.002	0.117	-0.012	0.025	0.634	-0.01 (-0.06, 0.04)	-0.007	0.025	0.785	-0.01 (-0.06, 0.04)
12536_46	MTMR6	Q9Y217	211	-0.001	0.011	0.933	-9.59e-04 (-0.02, 0.02	0.975	0.262	-0.027	0.023	0.256	-0.03 (-0.07, 0.02)	0.002	0.205	-0.010	0.024	0.683	-0.01 (-0.06, 0.04)	-0.025	0.024	0.300	-0.03 (-0.07, 0.02)
4960_72	ANXA1	P04083	211	-0.001	0.013	0.933	-1.07e-03 (-0.03, 0.02	0.975	0.036	-0.050	0.025	0.047	-0.05 (-0.10, -9.72e-0	0.003	0.024	-0.025	0.022	0.250	-0.03 (-0.07, 0.02)	-0.029	0.026	0.270	-0.03 (-0.08, 0.02)
11416_23	FBXL4	Q9UKA2	211	0.001	0.012	0.934	9.98e-04 (-0.02, 0.02)	0.975	0.212	-0.015	0.025	0.535	-0.02 (-0.06, 0.03)	0.001	0.444	0.003	0.025	0.904	3.01e-03 (-0.05, 0.0	-0.003	0.025	0.914	-2.73e-03 (-0.05, 0.05)
4543_65	COL23A1	Q86Y22	211	-0.001	0.012	0.934	-9.63e-04 (-0.02, 0.02	0.975	0.812	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)	0.002	0.071	-0.006	0.020	0.785	-0.01 (-0.05, 0.03)	-0.020	0.025	0.418	-0.02 (-0.07, 0.03)
8353_15	SCN2B	O60939	211	-0.001	0.012	0.934	-9.63e-04 (-0.02, 0.02	0.975	0.928	-0.005	0.023	0.825	-0.01 (-0.05, 0.04)	0.000	0.835	0.020	0.022	0.374	0.02 (-0.02, 0.06)	0.018	0.025	0.479	0.02 (-0.03, 0.07)
11647_6	FZD10	Q9ULW2	211	0.001	0.013	0.935	1.07e-03 (-0.02, 0.03)	0.975	0.010	-0.076	0.025	0.003	-0.08 (-0.12, -0.03)	0.005	0.001	-0.022	0.022	0.302	-0.02 (-0.06, 0.02)	-0.014	0.023	0.554	-0.01 (-0.06, 0.03)
3488_64	CAT	P04040	211	-0.001	0.013	0.935	-1.06e-03 (-0.03, 0.02	0.975	0.014	-0.032	0.026	0.216	-0.03 (-0.08, 0.02)	0.002	0.166	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)	-0.010	0.025	0.683	-0.01 (-0.06, 0.04)
18270_10	TAF10	Q12962	211	0.001	0.014	0.936	1.10e-03 (-0.03, 0.03)	0.976	0.001	-0.066	0.027	0.016	-0.07 (-0.12, -0.01)	0.004	0.005	-0.015	0.025	0.560	-0.01 (-0.06, 0.03)	-0.007	0.023	0.761	-0.01 (-0.05, 0.04)
4968_50	CAPG	P40121	211	-0.001	0.013	0.936	-1.07e-03 (-0.03, 0.03	0.976	0.003	-0.060	0.026	0.023	-0.06 (-0.11, -0.01)	0.004	0.010	-0.051	0.022	0.021	-0.05 (-0.09, -0.01)	-0.050	0.027	0.070	-0.05 (-0.10, 3.81e-03)
5463_22	GAS1	P54826	211	-0.001	0.015	0.936	-1.19e-03 (-0.03, 0.03	0.976	1.03E-05	0.026	0.029	0.380	0.03 (-0.03, 0.08)	-0.002	0.288	0.017	0.026	0.510	0.02 (-0.03, 0.07)	0.016	0.026	0.530	0.02 (-0.03, 0.07)
9979_13	AMIGO1	Q86WK6	211	0.001	0.012	0.936	9.30e-04 (-0.02, 0.02)	0.976	0.078	-0.013	0.025	0.601	-0.01 (-0.06, 0.04)	0.001	0.516	-0.017	0.019	0.350	-0.02 (-0.05, 0.02)	-0.033	0.024	0.170	-0.03 (-0.08, 0.01)
5228_25	KIF23	Q02241	211	-0.001	0.012	0.937	-9.44e-04 (-0.02, 0.02	0.977	0.059	-0.039	0.025	0.130	-0.04 (-0.09, 0.01)	0.002	0.087	-0.034	0.020	0.081	-0.03 (-0.07, 4.28e-	-0.050	0.025	0.048	-0.05 (-0.10, -7.41e-04)
4280_47	PSMA2	P25787	211	0.001	0.012	0.938	9.18e-04 (-0.02, 0.02)	0.977	0.227	-0.060	0.024	0.012	-0.06 (-0.11, -0.01)	0.004	0.003	-0.011	0.019	0.587	-0.01 (-0.05, 0.03)	-0.015	0.024	0.541	-0.01 (-0.06, 0.03)
7110_2	DNAJB11	Q9UBS4	211	-0.001	0.013	0.938	-1.05e-03 (-0.03, 0.03	0.977	0.008	-0.046	0.026	0.081	-0.05 (-0.10, 0.01)	0.003	0.048	-0.049	0.022	0.026	-0.05 (-0.09, -0.01)	-0.050	0.024	0.041	-0.05 (-0.10, -2.25e-03)
10835_25	A4GNT	Q9UNA3	211	0.001	0.012	0.939	8.87e-04 (-0.02, 0.02)	0.977	0.195	-0.014	0.024	0.543	-0.01 (-0.06, 0.03)	0.001	0.455	-0.009	0.024	0.715	-0.01 (-0.06, 0.04)	-0.020	0.024	0.396	-0.02 (-0.07, 0.03)
17137_160	HBB	P68871	211	0.001	0.014	0.939	1.05e-03 (-0.03, 0.03)	0.978	3.81E-04	-0.005	0.027	0.857	-4.94e-03 (-0.06, 0.05	0.000	0.800	0.006	0.025	0.820	0.01 (-0.04, 0.05)	-0.005	0.024	0.851	-4.56e-03 (-0.05, 0.04)
10959_125	BET1L	Q9NYM9	211	0.001	0.012	0.940	8.84e-04 (-0.02, 0.02)	0.978	0.353	-0.049	0.023	0.035	-0.05 (-0.09, -3.72e-0	0.003	0.013	-0.029	0.021	0.173	-0.03 (-0.07, 0.01)	-0.030	0.025	0.223	-0.03 (-0.08, 0.02)
6556_5	ENPP5	Q9UJA9	211	-0.001	0.013	0.939	-9.97e-04 (-0.03, 0.02	0.978	5.51E-06	0.043	0.026	0.096	0.04 (-0.01, 0.09)	-0.003	0.048	0.007	0.021	0.740	0.01 (-0.03, 0.05)	0.000	0.021	0.993	-1.86e-04 (-0.04, 0.04)
3081_70	ULBP1	Q9BZM6	211	-0.001	0.012	0.940	-8.85e-04 (-0.02, 0.02	0.978	0.079	-0.063	0.024	0.011	-0.06 (-0.11, -0.01)	0.004	0.004	-0.040	0.022	0.069	-0.04 (-0.08, 3.02e-	-0.034	0.024	0.160	-0.03 (-0.08, 0.01)
17776_15	PECR	Q9BY49	211	0.001	0.012	0.941	8.66e-04 (-0.02, 0.02)	0.979	0.241	-0.064	0.024	0.007	-0.06 (-0.11, -0.02)	0.004	0.002	-0.023	0.019	0.241	-0.02 (-0.06, 0.02)	-0.032	0.022	0.154	-0.03 (-0.08, 0.01)
11179_7	TSSK1B	Q9BXA7	211	-0.001	0.011	0.942	-8.39e-04 (-0.02, 0.02	0.979	0.070	-0.008	0.024	0.742	-0.01 (-0.06, 0.04)	0.000	0.733	0.011	0.023	0.642	0.01 (-0.03, 0.06)	0.002	0.025	0.936	2.03e-03 (-0.05, 0.05)
12386_11	RNPEP	Q9H4A4	211	0.001	0.014	0.942	1.00e-03 (-0.03, 0.03)	0.979	0.003	-0.023	0.027	0.404	-0.02 (-0.08, 0.03)	0.001	0.314	-0.008	0.024	0.743	-0.01 (-0.05, 0.04)	-0.008	0.024	0.733	-0.01 (-0.06, 0.04)
3222_11	SEMA3A	Q14563	211	-0.001	0.012	0.942	-8.52e-04 (-0.02, 0.02	0.979	0.057	-0.041	0.025	0.104	-0.04 (-0.09, 0.01)	0.002	0.066	-0.030	0.020	0.121	-0.03 (-0.07, 0.01)	-0.027	0.023	0.250	-0.03 (-0.07, 0.02)
9385_4	GAA	P10253	211	0.001	0.015	0.942	1.06e-03 (-0.03, 0.03)	0.979	2.13E-05	-0.084	0.028	0.003	-0.08 (-0.14, -0.03)	0.005	0.001	-0.046	0.020	0.024	-0.05 (-0.09, -0.01)	-0.073	0.027	0.008	-0.07 (-0.13, -0.02)
5020_50	PGK1	P00558	211	-0.001	0.012	0.943	-8.61e-04 (-0.02, 0.02	0.980	0.159	-0.022	0.025	0.387	-0.02 (-0.07, 0.03)	0.001	0.336	-0.022	0.022	0.316	-0.02 (-0.06, 0.02)	-0.021	0.024	0.394	-0.02 (-0.07, 0.03)
19516_10	HMGA2	P52926	211	-0.001	0.012	0.944	-8.12e-04 (-0.02, 0.02	0.980	0.194	-0.029	0.024	0.224	-0.03 (-0.07, 0.02)	0.002	0.170	-0.013	0.020	0.506	-0.01 (-0.05, 0.03)	-0.022	0.020	0.275	-0.02 (-0.06, 0.02)
7233_73	P2RX6	O15547	211	0.001	0.012	0.944	8.29e-04 (-0.02, 0.02)	0.980	0.209	-0.061	0.024	0.011	-0.06 (-0.11, -0.01)	0.004	0.003	-0.019	0.019	0.316	-0.02 (-0.06, 0.02)	-0.038	0.024	0.111	-0.04 (-0.08, 0.01)
10833_64	HHIP	Q96QV1	211	0.001	0.014	0.944	9.53e-04 (-0.03, 0.03)	0.980	0.005	0.020	0.027	0.454	0.02 (-0.03, 0.07)	-0.001	0.409	0.007	0.027	0.798	0.01 (-0.05, 0.06)	0.025	0.028	0.371	0.02 (-0.03, 0.08)
13596_3	RAB27B	O00194	211	-0.001	0.012	0.944	-8.26e-04 (-0.02, 0.02	0.980	0.107	-0.056	0.025	0.024	-0.06 (-0.10, -0.01)	0.003	0.010	-0.020	0.020	0.335	-0.02 (-0.06, 0.02)	-0.038	0.026	0.153	-0.04 (-0.09, 0.01)
17795_176	LSM1	O15116	211	-0.001	0.012	0.947	-7.85e-04 (-0.02, 0.02	0.982	0.141	-0.015	0.025	0.545	-0.01 (-0.06, 0.03)	0.001	0.507	-0.025	0.023	0.280	-0.02 (-0.07, 0.02)	-0.012	0.026	0.631	-0.01 (-0.06, 0.04)
19366_8	PEX26	Q7Z412	211	0.001	0.012	0.947	8.01e-04 (-0.02, 0.02)	0.982	0.068	-0.067	0.025	0.008	-0.07 (-0.12, -0.02)	0.004	0.002	-0.016	0.020	0.404	-0.02 (-0.05, 0.02)	-0.029	0.026	0.256	-0.03 (-0.08, 0.02)
2449_1	PLA2G5	P39877	211	0.001	0.012	0.947	7.85e-04 (-0.02, 0.02)	0.982	0.495	-0.055	0.023	0.020	-0.05 (-0.10, -0.01)	0.003	0.006	-0.022	0.019	0.235	-0.02 (-0.06, 0.01)	-0.034	0.023	0.149	-0.03 (-0.08, 0.01)
6362_6	C2orf40	Q9H1Z8	211	0.001	0.013	0.947	8.82e-04 (-0.02, 0.03)	0.982	0.014	-0.050	0.026	0.060	-0.05 (-0.10, 1.76e-03	0.003	0.028	-0.001	0.025	0.952	-1.47e-03 (-0.05, 0.	0.003	0.025	0.903	3.07e-03 (-0.05, 0.05)
13007_66	LCN10	Q6JVE6	211	-0.001	0.014	0.947	-9.10e-04 (-0.03, 0.03	0.982	0.001	-0.076	0.027	0.005	-0.08 (-0.13, -0.02)	0.005	0.001	-0.014	0.021	0.514	-0.01 (-0.06, 0.03)	-0.009	0.024	0.722	-0.01 (-0.06, 0.04)
15481_45	CAMP	P49913	211	0.001	0.015	0.948	9.89e-04 (-0.03, 0.03)	0.983	2.89E-07	-0.004	0.030	0.906	-3.55e-03 (-0.06, 0.06	0.000	0.862	-0.005	0.026	0.844	-0.01 (-0.06, 0.05)	-0.009	0.024	0.703	-0.01 (-0.06, 0.04)
9233_71	TFPI2	P48307	211	-0.001	0.013	0.948	-8.41e-04 (-0.03, 0.02	0.983	0.020	-0.002	0.026	0.953	-1.53e-03 (-0.05, 0.05	0.000	0.975	-0.007	0.026	0.795	-0.01 (-0.06, 0.04)	-0.021	0.025	0.406	-0.02 (-0.07, 0.03)
7113_1	GRPEL1	Q9HAV7	211	0.001	0.012	0.949	7.39e-04 (-0.02, 0.02)	0.983	0.553	-0.017	0.023	0.459	-0.02 (-0.06, 0.03)	0.001	0.371	-0.024	0.021	0.250	-0.02 (-0.07, 0.02)	-0.027	0.024	0.258	-0.03 (-0.07, 0.02)
7204_1	CEACAM21	Q3KPI0	211	0.001	0.012	0.949	7.48e-04 (-0.02, 0.02)	0.983	0.059	-0.038	0.025	0.124	-0.04 (-0.09, 0.01)	0.002	0.070	-0.028	0.018	0.129	-0.03 (-0.06, 0.01)	-0.041	0.023	0.075	-0.04 (-0.09, 3.94e-03)
3199_54	KLK12	Q9UKR0	211	-0.001	0.013	0.950	-8.43e-04 (-0.03, 0.03	0.983	0.010	-0.055	0.026	0.037	-0.05 (-0.11, -3.57e-0	0.003	0.018	-0.010	0.025	0.697	-0.01 (-0.06, 0.04)	0.008	0.024	0.738	0.01 (-0.04, 0.06)
5076_53	EPHA10	Q5JZY3	211	0.001	0.012	0.950	7.29e-04 (-0.02, 0.02)	0.983	0.106	-0.002	0.024	0.920	-2.46e-03 (-0.05, 0.05	0.000	0.880	-0.024	0.023	0.287	-0.02 (-0.07, 0.02)	-0.019	0.024	0.423	-0.02 (-0.06, 0.03)
5357_60	NLGN4X	Q8N0W4	211	0.001	0.012	0.950	7.35e-04 (-0.02, 0.02)	0.983	0.456	-0.018	0.023	0.450	-0.02 (-0.06, 0.03)	0.001	0.362	-0.019	0.024	0.432	-0.02 (-0.07, 0.03)	-0.019	0.023	0.394	-0.02 (-0.06, 0.02)
6371_50	ANGPTL7	O43827	211	0.001	0.013	0.950	7.92e-04 (-0.02, 0.03)	0.983	0.034	-0.051	0.025	0.040	-0.05 (-0.10, -2.60e-0	0.003	0.016	-0.016	0.025	0.509	-0.02 (-0.07, 0.03)	-0.022	0.026	0.399	-0.02 (-0.07, 0.03)
8269_327	ARSK	Q6UWY0	211	-0.001	0.013	0.950	-8.13e-04 (-0.03, 0.02	0.983	0.027	-0.045	0.026	0.082	-0.04 (-0.10, 0.01)	0.003	0.048	-0.028	0.025	0.255	-0.03 (-0.08, 0.02)	-0.033	0.021	0.123	-0.03 (-0.08, 0.01)
9219_70	NENF	Q9UMX5	211	0.001	0.012	0.950	7.21e-04 (-0.02, 0.02)	0.983	0.322	-0.047	0.023	0.042	-0.05 (-0.09, -2.00e-0	0.003	0.017	-0.030	0.020	0.127	-0.03 (-0.07, 0.01)	-0.030	0.022	0.179	-0.03 (-0.07, 0.01)
9765_4	NDE1	Q9NXR1	211	-0.001	0.013	0.950	-8.23e-04 (-0.03, 0.03	0.983	0.009	-0.047	0.026	0.072	-0.05 (-0.10, 3.95e-03	0.003	0.041	-0.041	0.021	0.057	-0.04 (-0.08, 1.16e-	-0.034	0.024	0.160	-0.03 (-0.08, 0.01)
2431_17	CTSG	P08311	211	0.001	0.012	0.951	7.27e-04 (-0.02, 0.02)	0.984	0.527	-0.052	0.023	0.027	-0.05 (-0.10, -0.01)	0.003	0.009	-0.029	0.023	0.206	-0.03 (-0.07, 0.02)	-0.021	0.025	0.401	-0.02 (-0.07, 0.03)
11449_22	CAPZA1	P52907	211	0.001	0.012	0.955	6.60e-04 (-0.02, 0.02)	0.984	0.142	-0.024	0.024	0.318	-0.02 (-0.07, 0.02)	0.002	0.236	-0.021	0.022	0.339	-0.02 (-0.06, 0.02)	-0.018	0.023	0.441	-0.02 (-0.06, 0.03)
12020_39	BPGM	P07738	211	0.001	0.013	0.958	7.08e-04 (-0.03, 0.03)	0.984	0.005	-0.009	0.027	0.744	-0.01 (-0.06, 0.04)	0.001	0.683	-0.021	0.022	0.346	-0.02 (-0.06, 0.02)	-0.016	0.026	0.538	-0.02 (-0.07, 0.03)
12356_65	SRI	P30626	211	-0.001	0.013	0.957	-7.07e-04 (-0.03, 0.03	0.984	0.024	-0.043	0.026	0.099	-0.04 (-0.09, 0.01)	0.003	0.060	-0.036	0.020	0.080	-0.04 (-0.08, 4.25e-	-0.036	0.024	0.136	-0.04 (-0.08, 0.01)
12394_53	C16orf54	Q6UWD8	211	0.001	0.013	0.954	7.32e-04 (-0.02, 0.03)	0.984	0.018	-0.044	0.025	0.081	-0.04 (-0.09, 0.01)	0.003	0.040	-0.032	0.025	0.195	-0.03 (-0.08, 0.02)	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)
12399_194	CCDC50	Q8IVM0	211	-0.001	0.012	0.955	-6.61e-04 (-0.02, 0.02	0.984	0.147	-0.043	0.024	0.080	-0.04 (-0.09, 4.84e-03	0.003	0.046	-0.013	0.020	0.526	-0.01 (-0.05, 0.03)	-0.035	0.025	0.159	-0.04 (-0.08, 0.01)
12657_2	TSTA3	Q13630	211	0.001	0.012	0.956	6.30e-04 (-0.02, 0.02)	0.984	0.173	-0.026	0.024	0.277	-0.03 (-0.07, 0.02)	0.002	0.196	-0.001	0.025	0.973	-8.22e-04 (-0.05, 0.	0.005	0.023	0.823	0.01 (-0.04, 0.05)
13011_20	RPS10	P46783	211	0.001	0.014	0.956	7.62e-04 (-0.03, 0.03)	0.984	4.93E-04	-0.066	0.027	0.016	-0.07 (-0.12, -0.01)	0.004	0.005	-0.015	0.024	0.525	-0.01 (-0.06, 0.03)	-0.004	0.023	0.871	-3.74e-03 (-0.05, 0.04)
13535_2	COL4A3BP	Q9Y5P4	211	0.001	0.012	0.957	6.41e-04 (-0.02, 0.02)	0.984	0.050	-0.049	0.025	0.052	-0.05 (-0.10, 6.33e-05	0.003	0.023	-0.030	0.021	0.147	-0.03 (-0.07, 0.01)	-0.049	0.024	0.043	-0.05 (-0.10, -1.72e-03)
14329_4	DIDO1	Q9BTC0	211	-0.001	0.012	0.957	-6.28e-04 (-0.02, 0.02	0.984	0.436	-0.053	0.023	0.022	-0.05 (-0.10, -0.01)	0.003	0.009	-0.036	0.020	0.074	-0.04 (-0.07, 3.47e-	-0.039	0.025	0.116	-0.04 (-0.09, 0.01)
15405_23	IFNA4	P05014	211	-0.001	0.012	0.954	-6.75e-04 (-0.02, 0.02	0.984	0.250	-0.054	0.024	0.023	-0.05 (-0.10, -0.01)	0.003	0.009	-0.032	0.020	0.104	-0.03 (-0.07, 0.01)	-0.043	0.021	0.041	-0.04 (-0.08, -2.09e-03)
16049_43	OLR1	P78380	211	-0.001	0.013	0.958	-7.13e-04 (-0.03, 0.03	0.984	0.001	-0.077	0.026	0.003	-0.08 (-0.13, -0.03)	0.005	0.001	-0.030	0.024	0.213	-0.03 (-0.08, 0.02)	-0.025	0.023	0.271	-0.03 (-0.07, 0.02)
16317_20	DSG3	P32926	211	0.001	0.015	0.956	8.10e-04 (-0.03, 0.03)	0.984	3.12E-06	-0.029	0.029	0.319	-0.03 (-0.09, 0.03)	0.002	0.236	-0.014	0.025	0.577	-0.01 (-0.06, 0.03)	-0.019	0.026	0.448	-0.02 (-0.07, 0.03)
16587_1	CSN2	P05814	211	0.001	0.012	0.958	6.19e-04 (-0.02, 0.02)	0.984	0.102	-0.055	0.024	0.023	-0.06 (-0.10, -0.01)	0.003	0.008	-0.006	0.024	0.813	-0.01 (-0.05, 0.04)	-0.003	0.023	0.896	-3.03e-03 (-0.05, 0.04)
19448_104	UPP1	Q16831	211	-0.001	0.013	0.957	-7.20e-04 (-0.03, 0.03	0.984	0.003	-0.046	0.026	0.083	-0.05 (-0.10, 0.01)	0.003	0.049	-0.039	0.021	0.064	-0.04 (-0.08, 2.23e-	-0.040	0.025	0.104	-0.04 (-0.09, 0.01)
2605_49	TNFRSF8	P28908	211	-0.001	0.012	0.956	-6.48e-04 (-0.02, 0.02	0.984	0.062	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.004	0.001	-0.018	0.020	0.382	-0.02 (-0.06, 0.02)	-0.021	0.025	0.410	-0.02 (-0.07, 0.03)
2760_2	FAM107A	O95990	211	-0.001	0.012	0.956	-6.54e-04 (-0.02, 0.02	0.984	0.054	-0.067	0.025	0.007	-0.07 (-0.12, -0.02)	0.004	0.002	-0.018	0.021	0.391	-0.02 (-0.06, 0.02)	-0.020	0.023	0.392	-0.02 (-0.07, 0.03)
2834_54	KLK8	O60259	211	0.001	0.014	0.957	7.79e-04 (-0.03, 0.03)	0.984	0.001	-0.013	0.029	0.660	-0.01 (-0.07, 0.04)	0.001	0.591	-0.003	0.027	0.916	-2.88e-03 (-0.06, 0.	-0.005	0.027	0.860	-4.83e-03 (-0.06, 0.05)
3627_71	MMEL1	Q495T6	211	-0.001	0.012	0.956	-6.42e-04 (-0.02, 0.02	0.984	0.457	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)	0.002	0.080	-0.011	0.020	0.599	-0.01 (-0.05, 0.03)	-0.019	0.023	0.410	-0.02 (-0.06, 0.03)
3889_64	LMNB1	P20700	211	-0.001	0.012	0.956	-6.60e-04 (-0.02, 0.02	0.984	0.299	-0.039	0.024	0.102	-0.04 (-0.09, 0.01)	0.002	0.063	-0.008	0.021	0.704	-0.01 (-0.05, 0.03)	-0.015	0.023	0.509	-0.02 (-0.06, 0.03)
3892_21	MED1	Q15648	211	0.001	0.012	0.957	6.35e-04 (-0.02, 0.02)	0.984	0.167	-0.035	0.024	0.153	-0.03 (-0.08, 0.01)	0.002	0.093	-0.027	0.020	0.175	-0.03 (-0.07, 0.01)	-0.029	0.024	0.229	-0.03 (-0.08, 0.02)
4545_53	DNAJC19	Q96DA6	211	-0.001	0.012	0.952	-7.02e-04 (-0.02, 0.02	0.984	0.256	-0.039	0.024	0.101	-0.04 (-0.09, 0.01)	0.002	0.062	-0.038	0.021	0.079	-0.04 (-0.08, 4.32e-	-0.035	0.024	0.149	-0.03 (-0.08, 0.01)
4549_78	FUT5	Q11128	211	-0.001	0.013	0.958	-6.69e-04 (-0.03, 0.02	0.984	0.093	-0.044	0.026	0.099	-0.04 (-0.10, 0.01)	0.003	0.060	-0.041	0.024	0.079	-0.04 (-0.09, 4.74e-	-0.034	0.027	0.210	-0.03 (-0.09, 0.02)
4973_18	BIRC3	Q13489	211	0.001	0.012	0.958	6.24e-04 (-0.02, 0.02)	0.984	0.505	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	0.004	0.004	-0.014	0.022	0.525	-0.01 (-0.06, 0.03)	-0.021	0.022	0.336	-0.02 (-0.06, 0.02)
5272_55	SHC1	P29353	211	-0.001	0.013	0.953	-7.60e-04 (-0.03, 0.02	0.984	0.024	-0.047	0.026	0.069	-0.05 (-0.10, 3.37e-03	0.003	0.039	-0.032	0.020	0.112	-0.03 (-0.07, 0.01)	-0.048	0.025	0.060	-0.05 (-0.10, 1.80e-03)
6168_11	TP53	P04637	211	-0.001	0.014	0.953	-8.42e-04 (-0.03, 0.03	0.984	6.40E-05	-0.068	0.028	0.014	-0.07 (-0.12, -0.01)	0.004	0.005	-0.019	0.023	0.395	-0.02 (-0.06, 0.03)	-0.011	0.023	0.628	-0.01 (-0.06, 0.03)
7193_98	PCDHAC1	Q9H158	211	0.001	0.012	0.956	6.45e-04 (-0.02, 0.02)	0.984	0.188	-0.033	0.024	0.173	-0.03 (-0.08, 0.01)	0.002	0.108	-0.028	0.019	0.135	-0.03 (-0.07, 0.01)	-0.030	0.023	0.207	-0.03 (-0.08, 0.02)
8000_17	KIR2DL5A	Q8N109	211	-0.001	0.012	0.953	-7.08e-04 (-0.02, 0.02	0.984	0.881	-0.032	0.024	0.179	-0.03 (-0.08, 0.01)	0.002	0.128	-0.024	0.022	0.281	-0.02 (-0.07, 0.02)	-0.008	0.023	0.733	-0.01 (-0.05, 0.04)
8017_23	FOXRED1	Q96CU9	211	-0.001	0.012	0.954	-6.69e-04 (-0.02, 0.02	0.984	0.076	-0.061	0.024	0.014	-0.06 (-0.11, -0.01)	0.004	0.005	-0.030	0.023	0.188	-0.03 (-0.07, 0.01)	-0.020	0.022	0.364	-0.02 (-0.06, 0.02)
8958_51	CHL1	O00533	211	-0.001	0.013	0.956	-7.47e-04 (-0.03, 0.03	0.984	0.009	0.053	0.027	0.046	0.05 (1.28e-03, 0.11)	-0.003	0.019	0.035	0.022	0.106	0.03 (-0.01, 0.08)	0.028	0.025	0.254	0.03 (-0.02, 0.08)
8975_26	RQCD1	Q92600	211	-0.001	0.012	0.958	-6.26e-04 (-0.02, 0.02	0.984	0.056	-0.035	0.025	0.158	-0.04 (-0.08, 0.01)	0.002	0.108	-0.035	0.020	0.082	-0.04 (-0.08, 4.51e-	-0.052	0.025	0.040	-0.05 (-0.10, -2.71e-03)
12753_6	APBB2	Q92870	211	-0.001	0.012	0.959	-6.08e-04 (-0.02, 0.02	0.984	0.077	-0.042	0.025	0.090	-0.04 (-0.09, 0.01)	0.003	0.054	-0.006	0.020	0.758	-0.01 (-0.05, 0.03)	-0.015	0.022	0.503	-0.01 (-0.06, 0.03)
14037_18	RANBP3	Q9H6Z4	211	0.001	0.013	0.959	6.64e-04 (-0.02, 0.03)	0.984	0.027	-0.053	0.025	0.036	-0.05 (-0.10, -3.68e-0	0.003	0.014	-0.042	0.020	0.032	-0.04 (-0.08, -3.66e-	-0.051	0.025	0.049	-0.05 (-0.10, -6.16e-04)
14216_35	DDX46	Q7L014	211	0.001	0.013	0.959	6.93e-04 (-0.03, 0.03)	0.984	0.004	-0.059	0.026	0.025	-0.06 (-0.11, -0.01)	0.004	0.009	-0.028	0.023	0.222	-0.03 (-0.07, 0.02)	-0.025	0.024	0.292	-0.03 (-0.07, 0.02)
3617_80	HGFAC	Q04756	211	-0.001	0.011	0.959	-5.70e-04 (-0.02, 0.02	0.984	0.348	-0.002	0.022	0.928	-2.01e-03 (-0.05, 0.04	0.000	0.940	0.010	0.023	0.653	0.01 (-0.03, 0.05)	0.003	0.022	0.895	2.93e-03 (-0.04, 0.05)
7046_6	C20orf173	Q96LM9	211	-0.001	0.013	0.958	-6.98e-04 (-0.03, 0.03	0.984	0.006	-0.055	0.026	0.036	-0.06 (-0.11, -3.88e-0	0.003	0.017	-0.007	0.025	0.789	-0.01 (-0.06, 0.04)	-0.007	0.024	0.788	-0.01 (-0.05, 0.04)
7060_2	ERO1L	Q96HE7	211	0.001	0.012	0.959	6.04e-04 (-0.02, 0.02)	0.984	0.140	-0.044	0.024	0.072	-0.04 (-0.09, 3.75e-03	0.003	0.035	-0.027	0.024	0.248	-0.03 (-0.07, 0.02)	-0.033	0.025	0.185	-0.03 (-0.08, 0.02)
8383_20	C11orf94	C9JXX5	211	-0.001	0.012	0.960	-6.06e-04 (-0.02, 0.02	0.985	0.074	-0.042	0.025	0.096	-0.04 (-0.09, 0.01)	0.003	0.058	-0.037	0.021	0.082	-0.04 (-0.08, 4.68e-	-0.042	0.026	0.108	-0.04 (-0.09, 0.01)
10589_7	RAET1L	Q5VY80	211	-0.001	0.012	0.960	-5.80e-04 (-0.02, 0.02	0.985	0.212	-0.045	0.024	0.059	-0.04 (-0.09, 1.48e-03	0.003	0.031	-0.024	0.023	0.301	-0.02 (-0.07, 0.02)	-0.031	0.023	0.184	-0.03 (-0.08, 0.01)
12676_1	PACSIN1	Q9BY11	211	-0.001	0.012	0.960	-6.07e-04 (-0.02, 0.02	0.985	0.282	-0.050	0.024	0.043	-0.05 (-0.10, -1.85e-0	0.003	0.021	-0.024	0.021	0.234	-0.02 (-0.06, 0.02)	-0.042	0.022	0.063	-0.04 (-0.09, 1.98e-03)
13105_7	SNAP25	P60880	211	-0.001	0.012	0.961	-5.86e-04 (-0.02, 0.02	0.985	0.092	-0.050	0.025	0.045	-0.05 (-0.10, -1.34e-0	0.003	0.022	-0.029	0.023	0.217	-0.03 (-0.07, 0.02)	-0.026	0.022	0.232	-0.03 (-0.07, 0.02)
7762_30	SNN	O75324	211	0.001	0.011	0.961	5.60e-04 (-0.02, 0.02)	0.985	0.063	-0.047	0.024	0.051	-0.05 (-0.09, -5.88e-0	0.003	0.022	0.011	0.023	0.635	0.01 (-0.03, 0.06)	0.006	0.022	0.787	0.01 (-0.04, 0.05)
12990_39	MAP3K3	Q99759	211	-0.001	0.012	0.962	-5.62e-04 (-0.02, 0.02	0.985	0.104	-0.064	0.024	0.008	-0.06 (-0.11, -0.02)	0.004	0.003	-0.015	0.018	0.401	-0.02 (-0.05, 0.02)	-0.040	0.023	0.080	-0.04 (-0.09, 4.62e-03)
15403_53	ID2	Q02363	211	0.001	0.013	0.962	6.12e-04 (-0.02, 0.03)	0.985	0.045	-0.065	0.025	0.010	-0.06 (-0.11, -0.02)	0.004	0.003	-0.018	0.020	0.369	-0.02 (-0.06, 0.02)	-0.022	0.024	0.349	-0.02 (-0.07, 0.02)
2514_65	EFNB3	Q15768	211	0.001	0.012	0.962	5.66e-04 (-0.02, 0.02)	0.985	0.357	-0.027	0.024	0.261	-0.03 (-0.07, 0.02)	0.002	0.185	-0.014	0.021	0.529	-0.01 (-0.06, 0.03)	-0.022	0.027	0.405	-0.02 (-0.07, 0.03)
5250_53	IMPDH2	P12268	211	-0.001	0.012	0.961	-5.73e-04 (-0.02, 0.02	0.985	0.071	-0.062	0.025	0.014	-0.06 (-0.11, -0.01)	0.004	0.005	-0.046	0.021	0.033	-0.05 (-0.09, -3.77e-	-0.048	0.026	0.065	-0.05 (-0.10, 2.62e-03)
9929_16	HSD17B7	P56937	211	0.001	0.012	0.962	5.65e-04 (-0.02, 0.02)	0.986	0.170	-0.024	0.025	0.322	-0.02 (-0.07, 0.02)	0.002	0.241	-0.029	0.022	0.190	-0.03 (-0.07, 0.01)	-0.025	0.024	0.291	-0.03 (-0.07, 0.02)
15295_81	IGF2	P01344	211	-0.001	0.013	0.963	-5.89e-04 (-0.03, 0.02	0.987	0.017	-0.017	0.025	0.511	-0.02 (-0.07, 0.03)	0.001	0.463	0.030	0.024	0.205	0.03 (-0.02, 0.08)	0.043	0.023	0.069	0.04 (-3.08e-03, 0.09)
6255_74	CPXM1	Q96SM3	211	0.001	0.014	0.964	6.23e-04 (-0.03, 0.03)	0.987	0.007	-0.028	0.027	0.297	-0.03 (-0.08, 0.02)	0.002	0.217	-0.035	0.021	0.092	-0.04 (-0.08, 0.01)	-0.039	0.024	0.103	-0.04 (-0.09, 0.01)
10015_119	KCNAB2	Q13303	211	-0.001	0.012	0.964	-5.21e-04 (-0.02, 0.02	0.987	0.170	-0.048	0.024	0.046	-0.05 (-0.09, -1.21e-0	0.003	0.022	-0.023	0.019	0.237	-0.02 (-0.06, 0.02)	-0.032	0.025	0.192	-0.03 (-0.08, 0.02)
10848_137	BTNL3	Q6UXE8	211	0.001	0.012	0.965	5.17e-04 (-0.02, 0.02)	0.987	0.348	-0.050	0.023	0.033	-0.05 (-0.10, -4.43e-0	0.003	0.013	-0.012	0.023	0.595	-0.01 (-0.06, 0.03)	-0.015	0.022	0.505	-0.02 (-0.06, 0.03)
12597_68	ATG5	Q9H1Y0	211	0.001	0.012	0.965	5.13e-04 (-0.02, 0.02)	0.987	0.088	-0.004	0.025	0.855	-4.50e-03 (-0.05, 0.04	0.000	0.814	-0.010	0.025	0.700	-0.01 (-0.06, 0.04)	-0.024	0.025	0.323	-0.02 (-0.07, 0.02)
12677_164	FLII	Q13045	211	-0.001	0.012	0.965	-5.14e-04 (-0.02, 0.02	0.987	0.071	-0.032	0.025	0.190	-0.03 (-0.08, 0.02)	0.002	0.135	-0.025	0.019	0.180	-0.03 (-0.06, 0.01)	-0.048	0.023	0.041	-0.05 (-0.09, -2.16e-03)
19555_1	SUMO2	P61956	211	-0.001	0.013	0.965	-5.75e-04 (-0.03, 0.03	0.987	0.021	-0.042	0.026	0.109	-0.04 (-0.09, 0.01)	0.003	0.068	-0.022	0.021	0.287	-0.02 (-0.06, 0.02)	-0.033	0.023	0.154	-0.03 (-0.08, 0.01)
9453_12	VEGFB	P49765	211	0.001	0.013	0.965	5.57e-04 (-0.02, 0.03)	0.987	0.036	-0.049	0.025	0.050	-0.05 (-0.10, -3.87e-0	0.003	0.022	-0.026	0.021	0.220	-0.03 (-0.07, 0.02)	-0.024	0.022	0.279	-0.02 (-0.07, 0.02)
18192_69	MAGEA5	P43359	211	-0.001	0.013	0.966	-5.77e-04 (-0.03, 0.03	0.988	0.006	-0.072	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.002	-0.025	0.023	0.276	-0.03 (-0.07, 0.02)	-0.011	0.024	0.643	-0.01 (-0.06, 0.04)
10042_8	SGK3	Q96BR1	211	0.001	0.012	0.966	5.01e-04 (-0.02, 0.02)	0.988	0.118	-0.043	0.025	0.084	-0.04 (-0.09, 0.01)	0.003	0.043	-0.017	0.020	0.407	-0.02 (-0.06, 0.02)	-0.043	0.024	0.081	-0.04 (-0.09, 0.01)

Table S3. Association of type 2 diabetes with deCODE plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
SomaLogic	**Gene**	**UniProt**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.median**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
6413_79	LIPK	Q5VXJ0	211	-0.001	0.013	0.966	-5.35e-04 (-0.03, 0.02	0.988	0.028	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.003	-0.035	0.020	0.077	-0.04 (-0.07, 3.76e-	-0.034	0.023	0.140	-0.03 (-0.08, 0.01)
12661_44	GABARAPL	Q9H0R8	211	-0.001	0.013	0.967	-5.48e-04 (-0.03, 0.03	0.988	0.004	-0.060	0.026	0.022	-0.06 (-0.11, -0.01)	0.004	0.009	-0.038	0.021	0.069	-0.04 (-0.08, 2.95e-	-0.040	0.023	0.084	-0.04 (-0.09, 0.01)
12426_19	MOB1A	Q9H8S9	211	0.000	0.012	0.968	4.70e-04 (-0.02, 0.02)	0.989	0.053	-0.026	0.025	0.294	-0.03 (-0.08, 0.02)	0.002	0.217	-0.009	0.024	0.697	-0.01 (-0.06, 0.04)	-0.005	0.022	0.834	-4.70e-03 (-0.05, 0.04)
19601_15	ASB9	Q96DX5	211	0.001	0.020	0.968	8.08e-04 (-0.04, 0.04)	0.989	2.77E-41	0.012	0.040	0.763	0.01 (-0.07, 0.09)	-0.001	0.744	-0.030	0.020	0.133	-0.03 (-0.07, 0.01)	-0.040	0.026	0.120	-0.04 (-0.09, 0.01)
13950_9	COL4A3BP	Q9Y5P4	211	-0.001	0.013	0.969	-5.03e-04 (-0.03, 0.02	0.989	0.026	-0.044	0.025	0.084	-0.04 (-0.09, 0.01)	0.003	0.048	-0.029	0.022	0.175	-0.03 (-0.07, 0.01)	-0.033	0.026	0.203	-0.03 (-0.08, 0.02)
7242_14	VSTM4	Q8IW00	211	-0.001	0.013	0.969	-5.08e-04 (-0.03, 0.02	0.989	0.032	-0.057	0.025	0.025	-0.06 (-0.11, -0.01)	0.004	0.010	-0.022	0.023	0.348	-0.02 (-0.07, 0.02)	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)
19195_85	RPS5	P46782	211	0.000	0.013	0.970	4.86e-04 (-0.02, 0.03)	0.990	0.042	-0.058	0.025	0.020	-0.06 (-0.11, -0.01)	0.004	0.007	-0.026	0.020	0.202	-0.03 (-0.07, 0.01)	-0.056	0.026	0.036	-0.06 (-0.11, -4.12e-03)
11226_16	UBE3A	Q05086	211	0.000	0.012	0.971	4.35e-04 (-0.02, 0.02)	0.990	0.129	-0.034	0.025	0.168	-0.03 (-0.08, 0.01)	0.002	0.107	-0.033	0.020	0.102	-0.03 (-0.07, 0.01)	-0.025	0.024	0.309	-0.02 (-0.07, 0.02)
12830_4	SAP18	O00422	211	0.000	0.012	0.971	4.23e-04 (-0.02, 0.02)	0.990	0.124	-0.063	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.003	-0.023	0.022	0.288	-0.02 (-0.07, 0.02)	-0.014	0.022	0.522	-0.01 (-0.06, 0.03)
18160_2	PCMT1	P22061	211	0.000	0.012	0.971	-4.28e-04 (-0.02, 0.02	0.990	0.223	-0.050	0.024	0.038	-0.05 (-0.10, -2.96e-0	0.003	0.018	-0.033	0.022	0.132	-0.03 (-0.08, 0.01)	-0.032	0.021	0.133	-0.03 (-0.07, 0.01)
19333_4	HNRNPK	P61978	211	0.000	0.013	0.971	4.81e-04 (-0.03, 0.03)	0.990	0.007	-0.043	0.026	0.101	-0.04 (-0.09, 0.01)	0.003	0.055	-0.039	0.020	0.056	-0.04 (-0.08, 9.37e-	-0.047	0.024	0.050	-0.05 (-0.09, -2.90e-04)
2761_49	FGF18	O76093	211	0.000	0.012	0.971	4.28e-04 (-0.02, 0.02)	0.990	0.155	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)	0.003	0.009	-0.025	0.019	0.188	-0.02 (-0.06, 0.01)	-0.029	0.022	0.192	-0.03 (-0.07, 0.01)
7142_5	CPN1	P15169	211	0.000	0.012	0.971	4.23e-04 (-0.02, 0.02)	0.990	0.052	-0.049	0.025	0.050	-0.05 (-0.10, -3.19e-0	0.003	0.022	-0.026	0.023	0.245	-0.03 (-0.07, 0.02)	-0.021	0.025	0.396	-0.02 (-0.07, 0.03)
8853_2	CLEC4A	Q9UMR7	211	0.000	0.012	0.970	-4.43e-04 (-0.02, 0.02	0.990	0.057	-0.067	0.025	0.007	-0.07 (-0.12, -0.02)	0.004	0.002	-0.020	0.022	0.352	-0.02 (-0.06, 0.02)	-0.015	0.023	0.535	-0.01 (-0.06, 0.03)
5801_72	NGF	P01138	211	0.000	0.013	0.972	4.58e-04 (-0.02, 0.03)	0.990	0.013	-0.015	0.026	0.557	-0.02 (-0.07, 0.04)	0.001	0.484	-0.027	0.021	0.190	-0.03 (-0.07, 0.01)	-0.025	0.022	0.259	-0.03 (-0.07, 0.02)
6580_29	PZP	P20742	211	0.000	0.013	0.972	-4.64e-04 (-0.03, 0.03	0.990	0.001	-0.050	0.026	0.054	-0.05 (-0.10, 5.34e-04	0.003	0.027	-0.032	0.021	0.129	-0.03 (-0.07, 0.01)	-0.022	0.023	0.344	-0.02 (-0.07, 0.02)
9883_29	GLO1	Q04760	211	0.000	0.013	0.972	-4.65e-04 (-0.03, 0.03	0.990	0.014	-0.039	0.026	0.137	-0.04 (-0.09, 0.01)	0.002	0.089	-0.032	0.019	0.100	-0.03 (-0.07, 0.01)	-0.037	0.023	0.116	-0.04 (-0.08, 0.01)
11140_56	COL1A1	P02452	211	-0.001	0.015	0.972	-5.33e-04 (-0.03, 0.03	0.990	4.34E-07	0.033	0.030	0.280	0.03 (-0.03, 0.09)	-0.002	0.204	0.014	0.027	0.585	0.01 (-0.04, 0.07)	-0.007	0.027	0.805	-0.01 (-0.06, 0.05)
9885_41	RAP2A	P10114	211	0.000	0.012	0.973	-3.93e-04 (-0.02, 0.02	0.991	0.174	0.003	0.024	0.916	2.52e-03 (-0.04, 0.05)	0.000	0.888	-0.015	0.025	0.547	-0.01 (-0.06, 0.03)	-0.014	0.027	0.611	-0.01 (-0.07, 0.04)
12742_160	TMEM8B	A6NDV4	211	0.000	0.011	0.975	3.59e-04 (-0.02, 0.02)	0.991	0.126	-0.030	0.024	0.217	-0.03 (-0.08, 0.02)	0.002	0.148	-0.026	0.021	0.215	-0.03 (-0.07, 0.02)	-0.017	0.022	0.442	-0.02 (-0.06, 0.03)
15589_1	GC	P02774	211	0.000	0.014	0.975	4.34e-04 (-0.03, 0.03)	0.991	0.004	-0.036	0.027	0.178	-0.04 (-0.09, 0.02)	0.002	0.115	0.019	0.023	0.401	0.02 (-0.03, 0.06)	0.002	0.025	0.937	1.95e-03 (-0.05, 0.05)
19148_58	TIMM8A	O60220	211	0.000	0.012	0.973	3.96e-04 (-0.02, 0.02)	0.991	0.085	-0.010	0.025	0.683	-0.01 (-0.06, 0.04)	0.001	0.624	-0.032	0.021	0.118	-0.03 (-0.07, 0.01)	-0.034	0.024	0.165	-0.03 (-0.08, 0.01)
19166_15	RPS19	P39019	211	0.000	0.013	0.974	-4.26e-04 (-0.03, 0.03	0.991	0.015	-0.075	0.025	0.003	-0.08 (-0.13, -0.03)	0.005	0.001	-0.037	0.020	0.067	-0.04 (-0.08, 2.55e-	-0.044	0.024	0.074	-0.04 (-0.09, 4.00e-03)
19251_56	SRGN	P10124	211	0.000	0.013	0.974	-4.17e-04 (-0.03, 0.03	0.991	0.024	-0.034	0.026	0.181	-0.03 (-0.08, 0.02)	0.002	0.126	-0.045	0.022	0.041	-0.05 (-0.09, -1.87e-	-0.051	0.024	0.035	-0.05 (-0.10, -3.81e-03)
2505_49	GFRA3	O60609	211	0.000	0.012	0.974	3.90e-04 (-0.02, 0.02)	0.991	0.135	-0.052	0.024	0.035	-0.05 (-0.10, -3.87e-0	0.003	0.014	-0.022	0.024	0.377	-0.02 (-0.07, 0.03)	-0.015	0.028	0.590	-0.01 (-0.07, 0.04)
3010_53	TSLP	Q969D9	211	0.000	0.012	0.975	-3.74e-04 (-0.02, 0.02	0.991	0.185	-0.054	0.024	0.027	-0.05 (-0.10, -0.01)	0.003	0.011	-0.025	0.020	0.205	-0.03 (-0.06, 0.01)	-0.027	0.023	0.244	-0.03 (-0.07, 0.02)
5343_74	CPE	P16870	211	-0.001	0.016	0.974	-5.08e-04 (-0.03, 0.03	0.991	1.27E-10	-0.078	0.031	0.011	-0.08 (-0.14, -0.02)	0.005	0.004	-0.011	0.024	0.639	-0.01 (-0.06, 0.04)	-0.011	0.024	0.648	-0.01 (-0.06, 0.04)
5669_26	SIRPB2	Q5JXA9	211	0.000	0.013	0.974	-4.18e-04 (-0.03, 0.02	0.991	0.018	-0.073	0.025	0.004	-0.07 (-0.12, -0.02)	0.005	0.001	-0.030	0.020	0.124	-0.03 (-0.07, 0.01)	-0.047	0.024	0.053	-0.05 (-0.09, 3.58e-04)
5854_60	MAPT	P10636	211	0.000	0.013	0.975	-4.01e-04 (-0.03, 0.02	0.991	0.020	-0.048	0.025	0.057	-0.05 (-0.10, 1.08e-03	0.003	0.029	-0.023	0.021	0.262	-0.02 (-0.06, 0.02)	-0.019	0.023	0.413	-0.02 (-0.06, 0.03)
13482_14	CNOT1	A5YKK6	211	0.000	0.013	0.975	-3.97e-04 (-0.03, 0.02	0.991	0.035	-0.043	0.025	0.089	-0.04 (-0.09, 0.01)	0.003	0.051	-0.021	0.019	0.267	-0.02 (-0.06, 0.02)	-0.026	0.026	0.301	-0.03 (-0.08, 0.02)
7106_37	OOSP2	Q86WS3	211	0.000	0.012	0.976	-3.49e-04 (-0.02, 0.02	0.992	0.146	-0.047	0.024	0.056	-0.05 (-0.09, 9.21e-04	0.003	0.028	-0.040	0.019	0.033	-0.04 (-0.08, -3.11e-	-0.043	0.023	0.059	-0.04 (-0.09, 1.39e-03)
3352_80	CA6	P23280	211	0.000	0.014	0.977	3.99e-04 (-0.03, 0.03)	0.992	0.007	0.087	0.026	0.001	0.09 (0.04, 0.14)	-0.005	1.78E-04	0.025	0.020	0.198	0.03 (-0.01, 0.06)	0.054	0.025	0.033	0.05 (4.67e-03, 0.10)
12530_14	CKS1B	P61024	211	0.000	0.012	0.978	3.27e-04 (-0.02, 0.02)	0.992	0.171	-0.038	0.024	0.121	-0.04 (-0.09, 0.01)	0.002	0.070	-0.034	0.021	0.109	-0.03 (-0.07, 0.01)	-0.028	0.023	0.239	-0.03 (-0.07, 0.02)
14674_63	PACSIN3	Q9UKS6	211	0.000	0.012	0.978	-3.20e-04 (-0.02, 0.02	0.992	0.281	-0.058	0.023	0.013	-0.06 (-0.10, -0.01)	0.004	0.004	-0.018	0.019	0.324	-0.02 (-0.06, 0.02)	-0.042	0.025	0.091	-0.04 (-0.09, 0.01)
18402_1	AMMECR1	Q6DCA0	211	0.000	0.013	0.977	-3.78e-04 (-0.03, 0.03	0.992	0.005	-0.043	0.026	0.107	-0.04 (-0.09, 0.01)	0.003	0.065	-0.026	0.021	0.214	-0.03 (-0.07, 0.02)	-0.039	0.024	0.107	-0.04 (-0.09, 0.01)
18934_50	TGM2	P21980	211	0.000	0.013	0.978	3.58e-04 (-0.03, 0.03)	0.992	0.021	-0.042	0.026	0.105	-0.04 (-0.09, 0.01)	0.003	0.059	-0.022	0.019	0.251	-0.02 (-0.06, 0.02)	-0.049	0.027	0.065	-0.05 (-0.10, 2.82e-03)
9896_21	FOXG1	P55316	211	0.000	0.012	0.978	3.23e-04 (-0.02, 0.02)	0.992	0.296	-0.050	0.023	0.031	-0.05 (-0.10, -4.79e-0	0.003	0.012	-0.013	0.023	0.558	-0.01 (-0.06, 0.03)	-0.005	0.023	0.816	-0.01 (-0.05, 0.04)
10045_47	CUL3	Q13618	211	0.000	0.012	0.978	-3.20e-04 (-0.02, 0.02	0.992	0.141	-0.048	0.024	0.051	-0.05 (-0.10, -1.63e-0	0.003	0.025	-0.023	0.020	0.247	-0.02 (-0.06, 0.02)	-0.037	0.023	0.120	-0.04 (-0.08, 0.01)
4141_79	CXCL10	P02778	211	0.000	0.013	0.979	3.55e-04 (-0.03, 0.03)	0.992	0.016	-0.024	0.026	0.370	-0.02 (-0.07, 0.03)	0.001	0.292	-0.008	0.024	0.728	-0.01 (-0.06, 0.04)	-0.004	0.023	0.865	-3.89e-03 (-0.05, 0.04)
18214_2	GCLM	P48507	211	0.000	0.013	0.980	3.24e-04 (-0.02, 0.03)	0.993	0.042	-0.027	0.026	0.286	-0.03 (-0.08, 0.02)	0.002	0.211	-0.026	0.021	0.213	-0.03 (-0.07, 0.01)	-0.035	0.026	0.171	-0.04 (-0.09, 0.02)
3060_43	C9	P02748	211	0.000	0.015	0.980	-3.73e-04 (-0.03, 0.03	0.993	2.22E-05	-0.033	0.029	0.259	-0.03 (-0.09, 0.02)	0.002	0.197	-0.012	0.027	0.650	-0.01 (-0.07, 0.04)	-0.021	0.025	0.407	-0.02 (-0.07, 0.03)
4476_22	ZAP70	P43403	211	0.000	0.013	0.980	-3.41e-04 (-0.03, 0.03	0.993	0.005	-0.066	0.026	0.013	-0.07 (-0.12, -0.01)	0.004	0.004	-0.012	0.023	0.600	-0.01 (-0.06, 0.03)	-0.001	0.025	0.984	-5.04e-04 (-0.05, 0.05)
6441_62	ADAMTS6	Q9UKP5	211	0.000	0.013	0.980	-3.18e-04 (-0.03, 0.02	0.993	0.038	-0.055	0.025	0.029	-0.05 (-0.10, -0.01)	0.003	0.012	-0.033	0.021	0.112	-0.03 (-0.07, 0.01)	-0.045	0.026	0.084	-0.04 (-0.10, 0.01)
6511_17	FAM19A4	Q96LR4	211	0.000	0.013	0.980	3.18e-04 (-0.02, 0.03)	0.993	0.020	-0.038	0.025	0.129	-0.04 (-0.09, 0.01)	0.002	0.076	-0.007	0.019	0.718	-0.01 (-0.04, 0.03)	-0.031	0.023	0.191	-0.03 (-0.08, 0.02)
2827_23	CX3CL1	P78423	211	0.000	0.013	0.981	3.13e-04 (-0.03, 0.03)	0.993	0.027	-0.043	0.025	0.091	-0.04 (-0.09, 0.01)	0.003	0.049	0.004	0.023	0.871	3.81e-03 (-0.04, 0.0	0.003	0.024	0.906	2.82e-03 (-0.04, 0.05)
7167_102	VAPA	Q9P0L0	211	0.000	0.012	0.981	2.87e-04 (-0.02, 0.02)	0.993	0.271	-0.031	0.024	0.194	-0.03 (-0.08, 0.02)	0.002	0.130	-0.041	0.023	0.072	-0.04 (-0.09, 3.77e-	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)
5493_17	WNK3	Q9BYP7	211	0.000	0.013	0.981	-3.04e-04 (-0.03, 0.02	0.993	0.033	-0.042	0.025	0.099	-0.04 (-0.09, 0.01)	0.003	0.059	-0.049	0.020	0.014	-0.05 (-0.09, -0.01)	-0.060	0.025	0.018	-0.06 (-0.11, -0.01)
9506_10	APOL1	O14791	211	0.000	0.014	0.981	-3.24e-04 (-0.03, 0.03	0.993	0.019	-0.005	0.028	0.864	-4.74e-03 (-0.06, 0.05	0.000	0.854	-0.012	0.025	0.633	-0.01 (-0.06, 0.04)	-0.011	0.024	0.660	-0.01 (-0.06, 0.04)
2975_19	CTGF	P29279	211	0.000	0.014	0.982	3.10e-04 (-0.03, 0.03)	0.994	0.001	-0.037	0.027	0.168	-0.04 (-0.09, 0.02)	0.002	0.108	-0.043	0.020	0.032	-0.04 (-0.08, -3.61e-	-0.049	0.025	0.052	-0.05 (-0.10, 6.10e-05)
12490_92	LAMTOR3	Q9UHA4	211	0.000	0.012	0.982	2.62e-04 (-0.02, 0.02)	0.994	0.127	-0.053	0.024	0.030	-0.05 (-0.10, -0.01)	0.003	0.012	-0.038	0.021	0.072	-0.04 (-0.08, 3.43e-	-0.046	0.024	0.055	-0.05 (-0.09, 6.51e-04)
10048_7	CBFB	Q13951	211	0.000	0.013	0.983	-2.73e-04 (-0.03, 0.02	0.994	0.033	-0.050	0.025	0.047	-0.05 (-0.10, -9.92e-0	0.003	0.022	-0.030	0.022	0.168	-0.03 (-0.07, 0.01)	-0.017	0.021	0.411	-0.02 (-0.06, 0.02)
3813_3	FYN	P06241	211	0.000	0.012	0.984	-2.42e-04 (-0.02, 0.02	0.995	0.122	-0.030	0.025	0.231	-0.03 (-0.08, 0.02)	0.002	0.169	-0.041	0.022	0.061	-0.04 (-0.08, 1.97e-	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)
7826_1	DCLK3	Q9C098	211	0.000	0.012	0.984	2.39e-04 (-0.02, 0.02)	0.995	0.629	0.007	0.023	0.772	0.01 (-0.04, 0.05)	0.000	0.746	0.009	0.023	0.703	0.01 (-0.04, 0.05)	-0.008	0.024	0.736	-0.01 (-0.06, 0.04)
11967_23	CRABP1	P29762	211	0.000	0.013	0.985	-2.50e-04 (-0.03, 0.03	0.996	0.014	-0.066	0.026	0.011	-0.07 (-0.12, -0.02)	0.004	0.003	-0.026	0.022	0.245	-0.03 (-0.07, 0.02)	-0.021	0.026	0.437	-0.02 (-0.07, 0.03)
11336_9	FANCF	Q9NPI8	211	0.000	0.012	0.986	2.06e-04 (-0.02, 0.02)	0.996	0.067	-0.059	0.024	0.016	-0.06 (-0.11, -0.01)	0.004	0.005	-0.029	0.023	0.198	-0.03 (-0.07, 0.02)	-0.024	0.025	0.333	-0.02 (-0.07, 0.02)
11643_73	DTX3L	Q8TDB6	211	0.000	0.013	0.986	2.26e-04 (-0.02, 0.03)	0.996	0.043	-0.045	0.025	0.076	-0.04 (-0.09, 4.40e-03	0.003	0.039	-0.042	0.022	0.054	-0.04 (-0.08, 7.57e-	-0.045	0.024	0.061	-0.05 (-0.09, 1.75e-03)
3143_3	CD4	P01730	211	0.000	0.012	0.986	2.12e-04 (-0.02, 0.02)	0.996	0.201	-0.047	0.024	0.049	-0.05 (-0.09, -5.61e-0	0.003	0.022	0.001	0.021	0.973	7.03e-04 (-0.04, 0.0	-0.008	0.023	0.739	-0.01 (-0.05, 0.04)
3881_49	DYNLL1	P63167	211	0.000	0.013	0.986	2.31e-04 (-0.02, 0.03)	0.996	0.013	-0.032	0.025	0.207	-0.03 (-0.08, 0.02)	0.002	0.141	-0.024	0.022	0.277	-0.02 (-0.07, 0.02)	-0.016	0.024	0.502	-0.02 (-0.06, 0.03)
11360_39	RRM1	P23921	211	0.000	0.014	0.988	-2.11e-04 (-0.03, 0.03	0.996	0.001	-0.019	0.027	0.488	-0.02 (-0.07, 0.03)	0.001	0.427	-0.031	0.019	0.110	-0.03 (-0.07, 0.01)	-0.040	0.024	0.091	-0.04 (-0.09, 0.01)
12683_156	DPYSL5	Q9BPU6	211	0.000	0.012	0.988	-1.71e-04 (-0.02, 0.02	0.996	0.066	-0.036	0.025	0.142	-0.04 (-0.08, 0.01)	0.002	0.091	-0.013	0.023	0.571	-0.01 (-0.06, 0.03)	-0.002	0.024	0.924	-2.26e-03 (-0.05, 0.04)
12813_18	EHBP1	Q8NDI1	211	0.000	0.013	0.989	-1.86e-04 (-0.03, 0.03	0.996	0.005	-0.012	0.026	0.634	-0.01 (-0.06, 0.04)	0.001	0.587	-0.010	0.023	0.649	-0.01 (-0.05, 0.03)	-0.005	0.022	0.811	-0.01 (-0.05, 0.04)
14314_6	PPIL2	Q13356	211	0.000	0.013	0.987	2.10e-04 (-0.03, 0.03)	0.996	0.012	-0.067	0.026	0.009	-0.07 (-0.12, -0.02)	0.004	0.003	-0.014	0.023	0.541	-0.01 (-0.06, 0.03)	-0.012	0.026	0.646	-0.01 (-0.06, 0.04)
14631_22	DUSP16	Q9BY84	211	0.000	0.012	0.988	1.78e-04 (-0.02, 0.02)	0.996	0.092	-0.079	0.024	0.001	-0.08 (-0.13, -0.03)	0.005	1.93E-04	-0.019	0.019	0.326	-0.02 (-0.06, 0.02)	-0.034	0.023	0.148	-0.03 (-0.08, 0.01)
15370_5	BOLA1	Q9Y3E2	211	0.000	0.013	0.989	-1.86e-04 (-0.03, 0.03	0.996	0.001	-0.036	0.026	0.169	-0.04 (-0.09, 0.02)	0.002	0.113	-0.027	0.021	0.186	-0.03 (-0.07, 0.01)	-0.027	0.023	0.236	-0.03 (-0.07, 0.02)
17335_18	VAMP2	P63027	211	0.000	0.012	0.987	-1.87e-04 (-0.02, 0.02	0.996	0.524	-0.047	0.023	0.049	-0.05 (-0.09, -5.57e-0	0.003	0.023	-0.033	0.020	0.091	-0.03 (-0.07, 0.01)	-0.044	0.025	0.076	-0.04 (-0.09, 4.42e-03)
17760_128	WDR5	P61964	211	0.000	0.014	0.987	-2.38e-04 (-0.03, 0.03	0.996	7.83E-06	-0.078	0.027	0.005	-0.08 (-0.13, -0.02)	0.005	0.001	-0.007	0.019	0.723	-0.01 (-0.04, 0.03)	-0.048	0.027	0.073	-0.05 (-0.10, 4.32e-03)
17816_58	NCALD	P61601	211	0.000	0.013	0.989	-1.68e-04 (-0.02, 0.02	0.996	0.046	-0.066	0.025	0.008	-0.07 (-0.11, -0.02)	0.004	0.002	-0.012	0.024	0.623	-0.01 (-0.06, 0.03)	-0.006	0.023	0.801	-0.01 (-0.05, 0.04)
18817_50	CBX1	P83916	211	0.000	0.013	0.989	1.77e-04 (-0.02, 0.03)	0.996	0.042	-0.027	0.025	0.289	-0.03 (-0.08, 0.02)	0.002	0.217	-0.014	0.024	0.558	-0.01 (-0.06, 0.03)	-0.003	0.023	0.898	-2.88e-03 (-0.05, 0.04)
19161_1	USP15	Q9Y4E8	211	0.000	0.012	0.989	1.63e-04 (-0.02, 0.02)	0.996	0.137	-0.026	0.025	0.305	-0.03 (-0.07, 0.02)	0.002	0.232	-0.030	0.021	0.152	-0.03 (-0.07, 0.01)	-0.042	0.025	0.095	-0.04 (-0.09, 0.01)
19174_141	GOLGA7	Q7Z5G4	211	0.000	0.012	0.990	1.53e-04 (-0.02, 0.02)	0.996	0.292	-0.054	0.024	0.024	-0.05 (-0.10, -0.01)	0.003	0.009	-0.023	0.020	0.264	-0.02 (-0.06, 0.02)	-0.034	0.024	0.170	-0.03 (-0.08, 0.01)
2853_68	CHEK1	O14757	211	0.000	0.014	0.989	1.80e-04 (-0.03, 0.03)	0.996	0.002	-0.068	0.026	0.010	-0.07 (-0.12, -0.02)	0.004	0.003	-0.028	0.022	0.209	-0.03 (-0.07, 0.02)	-0.020	0.024	0.393	-0.02 (-0.07, 0.03)
6207_10	PSAP	P07602	211	0.000	0.014	0.990	-1.85e-04 (-0.03, 0.03	0.996	3.53E-05	-0.029	0.029	0.316	-0.03 (-0.09, 0.03)	0.002	0.249	-0.026	0.023	0.256	-0.03 (-0.07, 0.02)	-0.010	0.026	0.693	-0.01 (-0.06, 0.04)
6280_11	PCDH8	O95206	211	0.000	0.013	0.989	-1.82e-04 (-0.03, 0.03	0.996	0.013	-0.052	0.026	0.044	-0.05 (-0.10, -1.71e-0	0.003	0.020	-0.029	0.020	0.141	-0.03 (-0.07, 0.01)	-0.055	0.024	0.024	-0.05 (-0.10, -0.01)
7748_11	NDUFV2	P19404	211	0.000	0.012	0.990	-1.50e-04 (-0.02, 0.02	0.996	0.818	-0.038	0.023	0.104	-0.04 (-0.08, 0.01)	0.002	0.061	-0.026	0.021	0.210	-0.03 (-0.07, 0.01)	-0.024	0.024	0.328	-0.02 (-0.07, 0.02)
9384_17	CAMP	P49913	211	0.000	0.015	0.988	2.27e-04 (-0.03, 0.03)	0.996	8.92E-06	-0.014	0.029	0.637	-0.01 (-0.07, 0.04)	0.001	0.579	-0.013	0.026	0.603	-0.01 (-0.06, 0.04)	-0.015	0.023	0.510	-0.01 (-0.06, 0.03)
11201_19	PUS1	Q9Y606	211	0.000	0.012	0.991	-1.37e-04 (-0.02, 0.02	0.997	0.076	-0.071	0.024	0.003	-0.07 (-0.12, -0.02)	0.004	0.001	-0.034	0.019	0.080	-0.03 (-0.07, 4.07e-	-0.038	0.024	0.107	-0.04 (-0.08, 0.01)
16055_3	CFHR5	Q9BXR6	211	0.000	0.013	0.991	1.51e-04 (-0.03, 0.03)	0.997	0.001	-0.016	0.027	0.562	-0.02 (-0.07, 0.04)	0.001	0.498	-0.008	0.023	0.715	-0.01 (-0.05, 0.04)	0.009	0.022	0.700	0.01 (-0.04, 0.05)
2889_37	CTF1	Q16619	211	0.000	0.012	0.991	1.31e-04 (-0.02, 0.02)	0.997	0.113	-0.064	0.024	0.010	-0.06 (-0.11, -0.02)	0.004	0.003	-0.032	0.022	0.153	-0.03 (-0.07, 0.01)	-0.029	0.024	0.229	-0.03 (-0.08, 0.02)
6455_52	HAPLN4	Q86UW8	211	0.000	0.012	0.991	1.33e-04 (-0.02, 0.02)	0.997	0.849	-0.036	0.023	0.119	-0.04 (-0.08, 0.01)	0.002	0.070	-0.019	0.021	0.365	-0.02 (-0.06, 0.02)	-0.021	0.023	0.357	-0.02 (-0.07, 0.02)
6571_75	C17orf78	Q8N4C9	211	0.000	0.012	0.990	1.42e-04 (-0.02, 0.02)	0.997	0.067	-0.055	0.025	0.025	-0.06 (-0.10, -0.01)	0.003	0.010	-0.019	0.020	0.345	-0.02 (-0.06, 0.02)	-0.030	0.023	0.186	-0.03 (-0.07, 0.01)
8035_6	C1orf198	Q9H425	211	0.000	0.012	0.991	1.31e-04 (-0.02, 0.02)	0.997	0.279	-0.025	0.024	0.312	-0.02 (-0.07, 0.02)	0.002	0.239	-0.027	0.022	0.229	-0.03 (-0.07, 0.02)	-0.027	0.026	0.298	-0.03 (-0.08, 0.02)
13122_19	FLRT2	O43155	211	0.000	0.015	0.992	1.47e-04 (-0.03, 0.03)	0.997	3.25E-06	0.001	0.029	0.984	5.81e-04 (-0.06, 0.06)	0.000	0.986	-0.019	0.025	0.458	-0.02 (-0.07, 0.03)	-0.023	0.024	0.353	-0.02 (-0.07, 0.03)
15535_3	PRSS27	Q9BQR3	211	0.000	0.012	0.992	-1.25e-04 (-0.02, 0.02	0.997	0.090	0.002	0.026	0.946	1.73e-03 (-0.05, 0.05)	0.000	0.933	-0.001	0.022	0.954	-1.27e-03 (-0.04, 0.	-0.007	0.024	0.762	-0.01 (-0.05, 0.04)
3376_49	IL17RD	Q8NFM7	211	0.000	0.012	0.992	-1.15e-04 (-0.02, 0.02	0.997	0.434	-0.040	0.023	0.081	-0.04 (-0.09, 4.81e-03	0.003	0.044	-0.024	0.023	0.294	-0.02 (-0.07, 0.02)	-0.017	0.024	0.469	-0.02 (-0.06, 0.03)
12931_16	NR3C2	P08235	211	0.000	0.012	0.993	1.03e-04 (-0.02, 0.02)	0.997	0.581	-0.047	0.023	0.041	-0.05 (-0.09, -2.17e-0	0.003	0.018	-0.034	0.021	0.108	-0.03 (-0.08, 0.01)	-0.030	0.023	0.194	-0.03 (-0.07, 0.02)
6064_4	ERP44	Q9BS26	211	0.000	0.014	0.993	-1.24e-04 (-0.03, 0.03	0.997	1.20E-04	-0.048	0.028	0.092	-0.05 (-0.10, 0.01)	0.003	0.052	-0.021	0.025	0.414	-0.02 (-0.07, 0.03)	-0.023	0.026	0.379	-0.02 (-0.07, 0.03)
7124_18	IL21	Q9HBE4	211	0.000	0.015	0.993	-1.41e-04 (-0.03, 0.03	0.997	3.53E-09	-0.060	0.030	0.048	-0.06 (-0.12, -8.89e-0	0.004	0.022	-0.015	0.025	0.534	-0.02 (-0.06, 0.03)	-0.006	0.023	0.797	-0.01 (-0.05, 0.04)
4993_16	GSTA3	Q16772	211	0.000	0.012	0.994	8.94e-05 (-0.02, 0.02)	0.998	0.609	-0.017	0.023	0.448	-0.02 (-0.06, 0.03)	0.001	0.377	-0.015	0.023	0.528	-0.01 (-0.06, 0.03)	-0.023	0.022	0.305	-0.02 (-0.07, 0.02)
8374_5	NGFR	P08138	211	0.000	0.013	0.994	9.54e-05 (-0.02, 0.02)	0.998	0.038	0.009	0.025	0.733	0.01 (-0.04, 0.06)	-0.001	0.697	0.012	0.022	0.561	0.01 (-0.03, 0.05)	0.009	0.024	0.712	0.01 (-0.04, 0.06)
9816_37	ISOC1	Q96CN7	211	0.000	0.012	0.995	8.01e-05 (-0.02, 0.02)	0.998	0.313	-0.020	0.024	0.396	-0.02 (-0.07, 0.03)	0.001	0.324	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	-0.026	0.023	0.258	-0.03 (-0.07, 0.02)
8424_269	CTNNB1	P35222	211	0.000	0.014	0.995	8.82e-05 (-0.03, 0.03)	0.998	0.001	-0.070	0.026	0.009	-0.07 (-0.12, -0.02)	0.004	0.002	-0.006	0.023	0.781	-0.01 (-0.05, 0.04)	-0.003	0.024	0.890	-3.26e-03 (-0.05, 0.04)
3366_51	ECM1	Q16610	211	0.000	0.014	0.995	8.12e-05 (-0.03, 0.03)	0.998	3.15E-06	-0.018	0.027	0.506	-0.02 (-0.07, 0.03)	0.001	0.439	-0.007	0.023	0.748	-0.01 (-0.05, 0.04)	-0.008	0.021	0.723	-0.01 (-0.05, 0.03)
9265_10	GLIPR1	P48060	211	0.000	0.012	0.995	-6.59e-05 (-0.02, 0.02	0.998	0.104	-0.022	0.025	0.366	-0.02 (-0.07, 0.03)	0.001	0.297	-0.020	0.022	0.374	-0.02 (-0.06, 0.02)	-0.019	0.023	0.416	-0.02 (-0.06, 0.03)
10058_1	RAD23A	P54725	211	0.000	0.012	0.996	5.73e-05 (-0.02, 0.02)	0.999	0.076	-0.037	0.025	0.144	-0.04 (-0.09, 0.01)	0.002	0.090	-0.028	0.021	0.182	-0.03 (-0.07, 0.01)	-0.025	0.025	0.308	-0.03 (-0.07, 0.02)
18197_97	CKMT2	P17540	211	0.000	0.012	0.996	-5.54e-05 (-0.02, 0.02	0.999	0.169	-0.063	0.024	0.009	-0.06 (-0.11, -0.02)	0.004	0.003	-0.036	0.022	0.106	-0.04 (-0.08, 0.01)	-0.033	0.024	0.161	-0.03 (-0.08, 0.01)
2480_58	TIMP3	P35625	211	0.000	0.013	0.996	6.20e-05 (-0.03, 0.03)	0.999	0.010	-0.029	0.026	0.278	-0.03 (-0.08, 0.02)	0.002	0.209	-0.012	0.024	0.605	-0.01 (-0.06, 0.03)	-0.019	0.022	0.402	-0.02 (-0.06, 0.02)
3350_53	CAMK2A	Q9UQM7	211	0.000	0.013	0.997	-5.43e-05 (-0.03, 0.03	0.999	0.011	-0.037	0.026	0.148	-0.04 (-0.09, 0.01)	0.002	0.094	-0.015	0.020	0.445	-0.01 (-0.05, 0.02)	-0.033	0.024	0.180	-0.03 (-0.08, 0.01)
18891_98	GBP2	P32456	211	0.000	0.013	0.997	5.05e-05 (-0.03, 0.03)	0.999	0.007	-0.021	0.026	0.421	-0.02 (-0.07, 0.03)	0.001	0.349	0.014	0.024	0.567	0.01 (-0.03, 0.06)	0.007	0.023	0.750	0.01 (-0.04, 0.05)
4961_17	ANXA2	P07355	211	0.000	0.016	0.998	4.98e-05 (-0.03, 0.03)	0.999	1.20E-12	-0.037	0.032	0.241	-0.04 (-0.10, 0.02)	0.002	0.175	-0.040	0.023	0.079	-0.04 (-0.08, 4.58e-	-0.028	0.025	0.276	-0.03 (-0.08, 0.02)
11110_4	TMEM119	Q4V9L6	211	0.000	0.012	0.999	1.88e-05 (-0.02, 0.02)	0.999	0.118	-0.051	0.025	0.038	-0.05 (-0.10, -3.22e-0	0.003	0.016	-0.028	0.020	0.172	-0.03 (-0.07, 0.01)	-0.025	0.024	0.305	-0.03 (-0.07, 0.02)
11490_42	UBL4A	P11441	211	0.000	0.012	0.999	-1.59e-05 (-0.02, 0.02	0.999	0.072	-0.033	0.025	0.184	-0.03 (-0.08, 0.02)	0.002	0.124	-0.028	0.020	0.165	-0.03 (-0.07, 0.01)	-0.047	0.024	0.049	-0.05 (-0.09, -4.23e-04)
11661_11	NLRP1	Q9C000	211	0.000	0.012	0.999	-1.38e-05 (-0.02, 0.02	0.999	0.081	-0.025	0.024	0.302	-0.03 (-0.07, 0.02)	0.002	0.232	-0.022	0.022	0.314	-0.02 (-0.07, 0.02)	-0.012	0.024	0.612	-0.01 (-0.06, 0.03)
15503_20	LEFTY2	O00292	211	0.000	0.014	0.999	-1.51e-05 (-0.03, 0.03	0.999	0.001	-0.013	0.027	0.629	-0.01 (-0.07, 0.04)	0.001	0.577	-0.018	0.025	0.460	-0.02 (-0.07, 0.03)	-0.024	0.023	0.294	-0.02 (-0.07, 0.02)
6257_56	CGREF1	Q99674	211	0.000	0.014	0.999	1.01e-05 (-0.03, 0.03)	0.999	0.002	-0.023	0.028	0.398	-0.02 (-0.08, 0.03)	0.001	0.327	-0.020	0.024	0.413	-0.02 (-0.07, 0.03)	-0.007	0.025	0.779	-0.01 (-0.06, 0.04)
7155_46	C4BPB	P20851	211	0.000	0.012	0.999	-1.11e-05 (-0.02, 0.02	0.999	0.153	-0.043	0.024	0.071	-0.04 (-0.09, 3.44e-03	0.003	0.037	-0.033	0.019	0.087	-0.03 (-0.07, 4.80e-	-0.067	0.024	0.007	-0.07 (-0.11, -0.02)
9368_64	LRTM1	Q9HBL6	211	0.000	0.012	0.999	-1.53e-05 (-0.02, 0.02	0.999	0.126	-0.044	0.024	0.066	-0.04 (-0.09, 2.69e-03	0.003	0.034	-0.022	0.021	0.295	-0.02 (-0.06, 0.02)	-0.018	0.025	0.465	-0.02 (-0.07, 0.03)
9808_41	TNRC6B	Q9UPQ9	211	0.000	0.013	0.999	-1.84e-05 (-0.03, 0.03	0.999	0.019	-0.054	0.025	0.037	-0.05 (-0.10, -3.67e-0	0.003	0.016	-0.040	0.020	0.045	-0.04 (-0.08, -9.64e-	-0.045	0.024	0.063	-0.04 (-0.09, 2.20e-03)

FDR, false discovery rate. CI, confidence interval.

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	Gene	OID	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
Q13478	IL18R1	OID20652	192	0.108	0.013	8.24E-18	0.11 (0.08, 0.13)	2.42E-14	1.26E-09	0.072	0.024	0.003	0.07 (0.02, 0.12)	0.002	0.084	0.082	0.019	2.51E-05	0.08 (0.04, 0.12)	0.072	0.020	4.05E-04	0.07 (0.03, 0.11)
P42785	PRCP	OID20337	192	0.119	0.015	8.40E-15	0.12 (0.09, 0.15)	1.23E-11	2.93E-13	0.100	0.030	0.001	0.10 (0.04, 0.16)	0.001	0.446	0.105	0.024	1.08E-05	0.11 (0.06, 0.15)	0.095	0.021	1.56E-05	0.09 (0.05, 0.14)
Q9P2J2	IGSF9	OID30330	192	0.121	0.016	4.85E-14	0.12 (0.09, 0.15)	4.76E-11	2.93E-14	0.033	0.030	0.282	0.03 (-0.03, 0.09)	0.006	0.001	0.054	0.019	0.004	0.05 (0.02, 0.09)	0.037	0.024	0.121	0.04 (-0.01, 0.08)
P06858	LPL	OID20188	192	-0.108	0.015	8.93E-13	-0.11 (-0.14, -0.08)	6.57E-10	3.94E-23	-0.076	0.029	0.010	-0.08 (-0.13, -0.02)	-0.002	0.200	-0.049	0.018	0.007	-0.05 (-0.08, -0.01)	-0.045	0.022	0.036	-0.05 (-0.09, -3.17e-03)
Q9BZR6	RTN4R	OID21424	192	0.102	0.015	2.52E-12	0.10 (0.07, 0.13)	1.48E-09	6.29E-10	-0.012	0.027	0.665	-0.01 (-0.06, 0.04)	0.007	1.39E-06	0.041	0.019	0.033	0.04 (3.39e-03, 0.08)	0.028	0.023	0.214	0.03 (-0.02, 0.07)
Q9UBR1	UPB1	OID30352	192	0.112	0.016	9.21E-12	0.11 (0.08, 0.14)	4.51E-09	3.02E-15	0.047	0.031	0.133	0.05 (-0.01, 0.11)	0.004	0.017	0.070	0.024	0.003	0.07 (0.02, 0.12)	0.069	0.023	0.003	0.07 (0.02, 0.11)
P14384	CPM	OID21054	192	0.104	0.015	1.26E-11	0.10 (0.07, 0.13)	5.30E-09	8.76E-12	0.016	0.029	0.575	0.02 (-0.04, 0.07)	0.006	4.91E-04	0.044	0.020	0.027	0.04 (0.01, 0.08)	0.046	0.021	0.026	0.05 (0.01, 0.09)
Q15848	ADIPOQ	OID30748	192	-0.113	0.017	1.62E-11	-0.11 (-0.15, -0.08)	5.96E-09	3.84E-36	-0.053	0.032	0.101	-0.05 (-0.12, 0.01)	-0.004	0.031	-0.046	0.019	0.013	-0.05 (-0.08, -0.01)	-0.039	0.019	0.041	-0.04 (-0.08, -1.90e-03)
Q9Y653	ADGRG1	OID21294	192	0.096	0.015	4.57E-11	0.10 (0.07, 0.12)	1.49E-08	1.22E-08	0.049	0.028	0.083	0.05 (-0.01, 0.10)	0.003	0.051	0.041	0.018	0.021	0.04 (0.01, 0.08)	0.044	0.022	0.043	0.04 (1.57e-03, 0.09)
O15232	MATN3	OID20979	192	-0.090	0.014	6.85E-11	-0.09 (-0.12, -0.06)	2.01E-08	2.77E-09	-0.077	0.027	0.004	-0.08 (-0.13, -0.02)	-0.001	0.578	-0.087	0.022	4.99E-05	-0.09 (-0.13, -0.05)	-0.075	0.020	2.64E-04	-0.08 (-0.11, -0.04)
Q15166	PON3	OID20777	192	-0.099	0.015	9.99E-11	-0.10 (-0.13, -0.07)	2.67E-08	6.93E-14	0.007	0.028	0.799	0.01 (-0.05, 0.06)	-0.007	1.94E-05	-0.050	0.018	0.006	-0.05 (-0.09, -0.01)	-0.041	0.021	0.057	-0.04 (-0.08, 9.02e-04)
O94856	NFASC	OID20634	192	0.094	0.015	2.39E-10	0.09 (0.07, 0.12)	5.86E-08	1.31E-14	0.100	0.029	0.001	0.10 (0.04, 0.16)	0.000	0.833	0.079	0.022	3.28E-04	0.08 (0.04, 0.12)	0.075	0.023	0.001	0.08 (0.03, 0.12)
O75054	IGSF3	OID21312	192	0.100	0.016	3.14E-10	0.10 (0.07, 0.13)	7.10E-08	1.52E-12	0.043	0.030	0.163	0.04 (-0.02, 0.10)	0.004	0.030	0.063	0.023	0.006	0.06 (0.02, 0.11)	0.051	0.023	0.026	0.05 (0.01, 0.10)
Q8NFL0	B3GNT7	OID30281	192	0.077	0.012	3.90E-10	0.08 (0.05, 0.10)	7.23E-08	4.41E-05	0.045	0.024	0.057	0.05 (-1.10e-03, 0.09)	0.002	0.123	0.035	0.017	0.041	0.04 (1.39e-03, 0.07)	0.032	0.021	0.128	0.03 (-0.01, 0.07)
P08833	IGFBP1	OID20246	192	-0.093	0.015	3.94E-10	-0.09 (-0.12, -0.06)	7.23E-08	1.34E-08	-0.006	0.028	0.827	-0.01 (-0.06, 0.05)	-0.006	3.61E-04	-0.049	0.024	0.047	-0.05 (-0.10, -6.95e-04)	-0.018	0.023	0.444	-0.02 (-0.06, 0.03)
P55103	INHBC	OID21093	192	0.088	0.014	3.69E-10	0.09 (0.06, 0.12)	7.23E-08	5.40E-09	0.010	0.027	0.709	0.01 (-0.04, 0.06)	0.005	0.001	0.064	0.023	0.005	0.06 (0.02, 0.11)	0.054	0.024	0.022	0.05 (0.01, 0.10)
Q14512	FGFBP1	OID21507	192	-0.098	0.016	5.03E-10	-0.10 (-0.13, -0.07)	8.71E-08	1.36E-13	-0.073	0.030	0.017	-0.07 (-0.13, -0.01)	-0.002	0.348	-0.057	0.021	0.007	-0.06 (-0.10, -0.02)	-0.061	0.024	0.011	-0.06 (-0.11, -0.01)
Q13790	APOF	OID30701	192	-0.114	0.018	5.55E-10	-0.11 (-0.15, -0.08)	9.06E-08	2.02E-29	-0.030	0.035	0.396	-0.03 (-0.10, 0.04)	-0.005	0.005	-0.046	0.020	0.021	-0.05 (-0.08, -0.01)	-0.024	0.027	0.367	-0.02 (-0.08, 0.03)
Q13316	DMP1	OID30213	192	-0.104	0.017	6.03E-10	-0.10 (-0.14, -0.07)	9.33E-08	9.77E-18	-0.057	0.032	0.081	-0.06 (-0.12, 0.01)	-0.003	0.091	-0.087	0.024	3.39E-04	-0.09 (-0.13, -0.04)	-0.081	0.024	0.001	-0.08 (-0.13, -0.04)
Q8WWV6	FCAMR	OID30332	192	0.097	0.016	6.37E-10	0.10 (0.07, 0.13)	9.37E-08	1.80E-15	0.017	0.030	0.563	0.02 (-0.04, 0.08)	0.005	0.002	0.043	0.022	0.046	0.04 (7.40e-04, 0.09)	0.042	0.021	0.050	0.04 (2.77e-04, 0.08)
Q86TH1	ADAMTSL2	OID30370	192	0.098	0.016	1.71E-09	0.10 (0.07, 0.13)	2.39E-07	3.35E-14	0.012	0.031	0.698	0.01 (-0.05, 0.07)	0.005	0.001	0.022	0.021	0.304	0.02 (-0.02, 0.06)	0.026	0.026	0.322	0.03 (-0.03, 0.08)
Q99988	GDF15	OID20251	192	0.069	0.012	2.22E-09	0.07 (0.05, 0.09)	2.97E-07	2.24E-05	0.020	0.022	0.361	0.02 (-0.02, 0.06)	0.003	0.010	0.055	0.019	0.004	0.05 (0.02, 0.09)	0.054	0.018	0.003	0.05 (0.02, 0.09)
Q9NQ30	ESM1	OID20758	192	-0.099	0.017	2.83E-09	-0.10 (-0.13, -0.07)	3.61E-07	3.59E-17	-0.050	0.032	0.118	-0.05 (-0.11, 0.01)	-0.003	0.079	-0.056	0.022	0.012	-0.06 (-0.10, -0.01)	-0.047	0.024	0.052	-0.05 (-0.09, 9.65e-05)
O15031	PLXNB2	OID20317	192	0.087	0.015	3.03E-09	0.09 (0.06, 0.12)	3.71E-07	3.22E-21	0.069	0.029	0.016	0.07 (0.01, 0.12)	0.001	0.464	0.091	0.020	6.80E-06	0.09 (0.05, 0.13)	0.091	0.020	6.81E-06	0.09 (0.05, 0.13)
P43652	AFM	OID30741	192	0.096	0.016	3.37E-09	0.10 (0.06, 0.13)	3.97E-07	1.48E-13	0.012	0.031	0.684	0.01 (-0.05, 0.07)	0.005	0.002	0.042	0.024	0.079	0.04 (-4.83e-03, 0.09)	0.032	0.023	0.166	0.03 (-0.01, 0.08)
Q9NR71	ASAH2	OID20996	192	0.075	0.013	3.68E-09	0.07 (0.05, 0.10)	4.16E-07	1.26E-04	0.026	0.025	0.292	0.03 (-0.02, 0.08)	0.003	0.027	0.071	0.023	0.002	0.07 (0.03, 0.12)	0.064	0.024	0.009	0.06 (0.02, 0.11)
O15335	CHAD	OID30660	192	-0.082	0.014	5.08E-09	-0.08 (-0.11, -0.05)	5.22E-07	7.58E-06	-0.090	0.027	0.001	-0.09 (-0.14, -0.04)	0.001	0.727	-0.094	0.022	1.39E-05	-0.09 (-0.14, -0.05)	-0.088	0.024	3.92E-04	-0.09 (-0.14, -0.04)
P12277	CKB	OID30400	192	-0.106	0.018	5.15E-09	-0.11 (-0.14, -0.07)	5.22E-07	2.42E-25	0.011	0.034	0.735	0.01 (-0.05, 0.08)	-0.007	7.26E-05	-0.049	0.025	0.050	-0.05 (-0.10, 2.61e-05)	-0.026	0.028	0.348	-0.03 (-0.08, 0.03)
Q14242	SELPLG	OID20560	192	0.080	0.014	4.87E-09	0.08 (0.05, 0.11)	5.22E-07	4.31E-06	0.061	0.027	0.023	0.06 (0.01, 0.11)	0.001	0.394	0.068	0.023	0.004	0.07 (0.02, 0.11)	0.065	0.021	0.003	0.07 (0.02, 0.11)
Q9NRM6	IL17RB	OID20585	192	-0.081	0.014	6.46E-09	-0.08 (-0.11, -0.05)	6.33E-07	5.59E-19	-0.013	0.026	0.615	-0.01 (-0.06, 0.04)	-0.004	0.003	-0.048	0.021	0.022	-0.05 (-0.09, -0.01)	-0.036	0.021	0.088	-0.04 (-0.08, 0.01)
P08263	GSTA1	OID20166	192	0.102	0.018	9.19E-09	0.10 (0.07, 0.14)	8.72E-07	4.53E-26	0.027	0.034	0.421	0.03 (-0.04, 0.09)	0.005	0.011	0.052	0.024	0.030	0.05 (0.01, 0.10)	0.041	0.022	0.071	0.04 (-3.22e-03, 0.08)
P18065	IGFBP2	OID20325	192	-0.101	0.018	9.54E-09	-0.10 (-0.14, -0.07)	8.77E-07	9.77E-23	0.015	0.033	0.638	0.02 (-0.05, 0.08)	-0.007	4.96E-05	-0.031	0.023	0.166	-0.03 (-0.08, 0.01)	-0.015	0.026	0.561	-0.02 (-0.07, 0.04)
Q96NZ9	PRAP1	OID30391	192	0.100	0.017	1.09E-08	0.10 (0.07, 0.13)	9.70E-07	1.83E-27	0.016	0.033	0.643	0.02 (-0.05, 0.08)	0.005	0.004	0.049	0.020	0.016	0.05 (0.01, 0.09)	0.049	0.023	0.035	0.05 (3.81e-03, 0.09)
Q9BRK3	MXRA8	OID30583	192	-0.085	0.015	1.27E-08	-0.09 (-0.11, -0.06)	1.10E-06	7.83E-12	-0.044	0.029	0.132	-0.04 (-0.10, 0.01)	-0.003	0.095	-0.066	0.024	0.006	-0.07 (-0.11, -0.02)	-0.047	0.024	0.057	-0.05 (-0.09, 1.13e-03)
P07949	RET	OID21346	192	0.083	0.015	1.47E-08	0.08 (0.05, 0.11)	1.24E-06	7.87E-10	0.030	0.028	0.297	0.03 (-0.03, 0.09)	0.003	0.032	0.036	0.021	0.076	0.04 (-3.85e-03, 0.08)	0.034	0.022	0.125	0.03 (-0.01, 0.08)
Q9UHN6	CEMIP2	OID30499	192	0.068	0.012	1.54E-08	0.07 (0.04, 0.09)	1.26E-06	0.134	0.036	0.024	0.138	0.04 (-0.01, 0.08)	0.002	0.135	0.087	0.023	1.20E-04	0.09 (0.04, 0.13)	0.077	0.025	0.003	0.08 (0.03, 0.13)
Q03154	ACY1	OID20137	192	0.094	0.017	1.67E-08	0.09 (0.06, 0.13)	1.33E-06	4.83E-21	0.020	0.032	0.525	0.02 (-0.04, 0.08)	0.005	0.007	0.051	0.025	0.040	0.05 (2.40e-03, 0.10)	0.049	0.026	0.057	0.05 (-1.06e-03, 0.10)
P82980	RBP5	OID21369	192	0.085	0.015	2.30E-08	0.08 (0.05, 0.11)	1.78E-06	7.33E-12	0.004	0.029	0.897	3.73e-03 (-0.05, 0.06)	0.005	0.001	0.032	0.021	0.132	0.03 (-0.01, 0.07)	0.045	0.025	0.074	0.04 (-4.15e-03, 0.09)
P08319	ADH4	OID20117	192	0.097	0.017	2.74E-08	0.10 (0.06, 0.13)	2.07E-06	1.86E-22	0.025	0.033	0.449	0.03 (-0.04, 0.09)	0.005	0.013	0.047	0.024	0.051	0.05 (-1.81e-04, 0.09)	0.029	0.025	0.247	0.03 (-0.02, 0.08)
Q99983	OMD	OID20725	192	-0.080	0.015	3.86E-08	-0.08 (-0.11, -0.05)	2.82E-06	6.29E-09	-0.061	0.028	0.031	-0.06 (-0.12, -0.01)	-0.001	0.439	-0.082	0.022	1.97E-04	-0.08 (-0.12, -0.04)	-0.062	0.021	0.004	-0.06 (-0.10, -0.02)
O15455	TLR3	OID20612	192	0.049	0.009	3.93E-08	0.05 (0.03, 0.07)	2.82E-06	5.06E-20	0.029	0.017	0.086	0.03 (-4.01e-03, 0.06)	0.001	0.183	0.054	0.011	5.48E-07	0.05 (0.03, 0.08)	0.050	0.013	1.14E-04	0.05 (0.03, 0.07)
Q9NSA1	FGF21	OID21402	192	0.077	0.014	4.18E-08	0.08 (0.05, 0.10)	2.93E-06	2.39E-05	0.003	0.027	0.920	2.68e-03 (-0.05, 0.05)	0.005	0.001	0.039	0.020	0.055	0.04 (-7.96e-04, 0.08)	0.021	0.025	0.402	0.02 (-0.03, 0.07)
O95954	FTCD	OID31137	192	0.100	0.019	7.37E-08	0.10 (0.06, 0.14)	5.04E-06	1.21E-28	0.032	0.036	0.367	0.03 (-0.04, 0.10)	0.004	0.028	0.045	0.024	0.061	0.04 (-2.01e-03, 0.09)	0.049	0.026	0.061	0.05 (-1.99e-03, 0.10)
Q5JS37	NHLRC3	OID30614	192	0.074	0.014	7.74E-08	0.07 (0.05, 0.10)	5.17E-06	1.47E-04	0.015	0.026	0.578	0.01 (-0.04, 0.07)	0.004	0.009	0.027	0.020	0.178	0.03 (-0.01, 0.07)	0.027	0.023	0.230	0.03 (-0.02, 0.07)
Q8IZP9	ADGRG2	OID20189	192	-0.078	0.015	8.64E-08	-0.08 (-0.11, -0.05)	5.65E-06	3.15E-11	-0.046	0.028	0.103	-0.05 (-0.10, 0.01)	-0.002	0.189	-0.054	0.018	0.002	-0.05 (-0.09, -0.02)	-0.043	0.021	0.044	-0.04 (-0.08, -1.43e-03)
P00325	ADH1B	OID30612	192	0.093	0.017	1.02E-07	0.09 (0.06, 0.13)	6.54E-06	3.02E-21	0.036	0.034	0.284	0.04 (-0.03, 0.10)	0.004	0.049	0.057	0.022	0.010	0.06 (0.01, 0.10)	0.060	0.024	0.014	0.06 (0.01, 0.11)
Q9UBU3	GHRL	OID20175	192	-0.084	0.016	1.37E-07	-0.08 (-0.11, -0.05)	8.57E-06	1.79E-14	-0.034	0.031	0.274	-0.03 (-0.09, 0.03)	-0.003	0.057	-0.065	0.025	0.009	-0.07 (-0.11, -0.02)	-0.049	0.022	0.025	-0.05 (-0.09, -0.01)
Q9UKU9	ANGPTL2	OID20726	192	0.070	0.013	1.86E-07	0.07 (0.04, 0.10)	1.11E-05	4.67E-04	0.021	0.026	0.426	0.02 (-0.03, 0.07)	0.003	0.026	0.026	0.019	0.175	0.03 (-0.01, 0.06)	0.025	0.027	0.343	0.03 (-0.03, 0.08)
Q16772	GSTA3	OID21242	192	0.089	0.017	1.86E-07	0.09 (0.06, 0.12)	1.11E-05	9.04E-18	0.021	0.032	0.518	0.02 (-0.04, 0.08)	0.004	0.016	0.030	0.024	0.219	0.03 (-0.02, 0.08)	0.016	0.023	0.481	0.02 (-0.03, 0.06)
Q8N8U9	BMPER	OID30615	192	0.078	0.015	2.02E-07	0.08 (0.05, 0.11)	1.19E-05	5.71E-08	0.046	0.029	0.113	0.05 (-0.01, 0.10)	0.002	0.201	0.025	0.022	0.251	0.03 (-0.02, 0.07)	0.025	0.025	0.317	0.02 (-0.02, 0.07)
Q9UJM8	HAO1	OID21395	192	0.075	0.015	2.40E-07	0.07 (0.05, 0.10)	1.35E-05	5.49E-08	0.042	0.028	0.139	0.04 (-0.01, 0.10)	0.002	0.167	0.083	0.022	1.26E-04	0.08 (0.04, 0.12)	0.078	0.025	0.002	0.08 (0.03, 0.13)
P05783	KRT18	OID21296	192	0.088	0.017	2.37E-07	0.09 (0.05, 0.12)	1.35E-05	4.13E-21	0.045	0.033	0.167	0.05 (-0.02, 0.11)	0.003	0.134	0.048	0.024	0.044	0.05 (1.24e-03, 0.09)	0.040	0.024	0.105	0.04 (-0.01, 0.09)
Q01459	CTBS	OID30710	192	0.078	0.015	2.57E-07	0.08 (0.05, 0.11)	1.42E-05	2.17E-17	0.030	0.029	0.300	0.03 (-0.03, 0.09)	0.003	0.056	0.061	0.022	0.005	0.06 (0.02, 0.10)	0.045	0.022	0.040	0.04 (2.45e-03, 0.09)
O43280	TREH	OID30388	192	0.062	0.012	2.60E-07	0.06 (0.04, 0.09)	1.42E-05	1.98E-16	0.021	0.023	0.365	0.02 (-0.02, 0.07)	0.003	0.038	0.035	0.018	0.055	0.03 (-7.83e-04, 0.07)	0.031	0.018	0.077	0.03 (-3.22e-03, 0.07)
P52758	RIDA	OID30635	192	0.075	0.015	3.13E-07	0.08 (0.05, 0.10)	1.67E-05	6.95E-09	0.010	0.028	0.720	0.01 (-0.04, 0.06)	0.004	0.007	0.030	0.023	0.182	0.03 (-0.01, 0.08)	0.034	0.021	0.106	0.03 (-0.01, 0.08)
P29622	SERPINA4	OID30774	192	0.068	0.013	3.24E-07	0.07 (0.04, 0.09)	1.70E-05	2.84E-06	0.047	0.026	0.071	0.05 (-3.66e-03, 0.10)	0.001	0.340	0.067	0.023	0.003	0.07 (0.02, 0.11)	0.066	0.023	0.005	0.07 (0.02, 0.11)
P10912	GHR	OID30574	192	0.083	0.016	3.38E-07	0.08 (0.05, 0.12)	1.73E-05	2.35E-22	-0.001	0.031	0.972	-1.09e-03 (-0.06, 0.06)	0.005	0.002	0.015	0.019	0.413	0.02 (-0.02, 0.05)	0.016	0.022	0.459	0.02 (-0.03, 0.06)
Q9Y5W5	WIF1	OID21464	192	-0.093	0.018	3.41E-07	-0.09 (-0.13, -0.06)	1.73E-05	7.02E-30	-0.051	0.035	0.148	-0.05 (-0.12, 0.02)	-0.003	0.169	-0.104	0.020	2.34E-07	-0.10 (-0.14, -0.06)	-0.084	0.023	2.98E-04	-0.08 (-0.13, -0.04)
Q9P232	CNTN3	OID21092	192	0.073	0.014	3.63E-07	0.07 (0.04, 0.10)	1.81E-05	2.11E-11	0.032	0.027	0.243	0.03 (-0.02, 0.09)	0.003	0.087	0.060	0.024	0.013	0.06 (0.01, 0.11)	0.054	0.023	0.022	0.05 (0.01, 0.10)
P20849	COL9A1	OID20550	192	-0.068	0.013	4.19E-07	-0.07 (-0.09, -0.04)	2.05E-05	1.22E-04	-0.095	0.026	3.23E-04	-0.10 (-0.15, -0.04)	0.002	0.222	-0.084	0.024	3.60E-04	-0.08 (-0.13, -0.04)	-0.089	0.023	1.60E-04	-0.09 (-0.13, -0.04)
P07339	CTSD	OID20358	192	0.078	0.015	4.43E-07	0.08 (0.05, 0.11)	2.14E-05	2.19E-12	0.036	0.030	0.234	0.04 (-0.02, 0.09)	0.003	0.098	0.050	0.024	0.040	0.05 (2.27e-03, 0.10)	0.044	0.023	0.061	0.04 (-1.75e-03, 0.09)
P10082	PYY	OID30150	192	0.075	0.015	4.61E-07	0.07 (0.05, 0.10)	2.19E-05	3.64E-07	0.075	0.029	0.010	0.08 (0.02, 0.13)	0.000	0.986	0.110	0.023	2.22E-06	0.11 (0.06, 0.16)	0.098	0.025	1.04E-04	0.10 (0.05, 0.15)
P13611	VCAN	OID21026	192	-0.066	0.013	5.58E-07	-0.07 (-0.09, -0.04)	2.60E-05	9.10E-09	-0.031	0.026	0.227	-0.03 (-0.08, 0.02)	-0.002	0.107	-0.050	0.021	0.016	-0.05 (-0.09, -0.01)	-0.053	0.020	0.008	-0.05 (-0.09, -0.01)
P04278	SHBG	OID30685	192	-0.084	0.017	6.10E-07	-0.08 (-0.12, -0.05)	2.80E-05	3.19E-28	-0.033	0.032	0.315	-0.03 (-0.10, 0.03)	-0.003	0.066	-0.045	0.020	0.024	-0.05 (-0.09, -0.01)	-0.042	0.024	0.075	-0.04 (-0.09, 4.04e-03)
O95445	APOM	OID20374	192	-0.076	0.015	6.33E-07	-0.08 (-0.11, -0.05)	2.86E-05	2.31E-11	-0.030	0.029	0.310	-0.03 (-0.09, 0.03)	-0.003	0.068	-0.023	0.020	0.242	-0.02 (-0.06, 0.02)	-0.014	0.023	0.538	-0.01 (-0.06, 0.03)
Q15043	SLC39A14	OID20852	192	-0.072	0.015	6.62E-07	-0.07 (-0.10, -0.04)	2.95E-05	1.65E-05	-0.046	0.028	0.102	-0.05 (-0.10, 0.01)	-0.002	0.282	-0.048	0.025	0.053	-0.05 (-0.10, 5.97e-04)	-0.043	0.024	0.071	-0.04 (-0.09, 3.39e-03)
A2VDF0	FUOM	OID30626	192	0.091	0.018	8.04E-07	0.09 (0.05, 0.13)	3.53E-05	2.52E-29	0.025	0.035	0.486	0.02 (-0.04, 0.09)	0.004	0.030	0.048	0.024	0.048	0.05 (4.06e-04, 0.10)	0.041	0.024	0.090	0.04 (-0.01, 0.09)
P43234	CTSO	OID20660	192	0.106	0.022	8.69E-07	0.11 (0.06, 0.15)	3.76E-05	5.56E-58	0.088	0.042	0.037	0.09 (0.01, 0.17)	0.001	0.614	0.049	0.022	0.025	0.05 (0.01, 0.09)	0.064	0.025	0.011	0.06 (0.02, 0.11)
Q9H3S4	TPK1	OID30338	192	-0.066	0.013	9.25E-07	-0.07 (-0.09, -0.04)	3.94E-05	4.66E-05	-0.061	0.026	0.020	-0.06 (-0.11, -0.01)	0.000	0.831	-0.045	0.021	0.033	-0.04 (-0.09, -3.69e-03)	-0.051	0.021	0.018	-0.05 (-0.09, -0.01)
Q16853	AOC3	OID20389	192	0.063	0.013	1.62E-06	0.06 (0.04, 0.09)	6.80E-05	2.28E-07	0.082	0.025	0.001	0.08 (0.03, 0.13)	-0.001	0.362	0.060	0.022	0.006	0.06 (0.02, 0.10)	0.059	0.021	0.006	0.06 (0.02, 0.10)
P05090	APOD	OID30746	192	-0.074	0.015	1.65E-06	-0.07 (-0.10, -0.04)	6.83E-05	8.44E-10	-0.032	0.030	0.286	-0.03 (-0.09, 0.03)	-0.003	0.100	-0.047	0.026	0.074	-0.05 (-0.10, 4.58e-03)	-0.034	0.025	0.178	-0.03 (-0.08, 0.02)
P07148	FABP1	OID20778	192	0.061	0.013	2.14E-06	0.06 (0.04, 0.09)	8.53E-05	0.004	-0.001	0.025	0.982	-5.45e-04 (-0.05, 0.05)	0.004	0.004	0.030	0.019	0.113	0.03 (-0.01, 0.07)	0.017	0.022	0.429	0.02 (-0.03, 0.06)
A1L4H1	SSC5D	OID20351	192	0.068	0.014	2.15E-06	0.07 (0.04, 0.10)	8.53E-05	1.71E-10	-0.004	0.027	0.879	-4.14e-03 (-0.06, 0.05)	0.005	0.002	0.024	0.022	0.277	0.02 (-0.02, 0.07)	0.020	0.025	0.426	0.02 (-0.03, 0.07)
Q03167	TGFBR3	OID20255	192	-0.066	0.014	2.13E-06	-0.07 (-0.09, -0.04)	8.53E-05	4.59E-05	-0.028	0.027	0.302	-0.03 (-0.08, 0.02)	-0.002	0.098	-0.028	0.020	0.149	-0.03 (-0.07, 0.01)	0.009	0.025	0.715	0.01 (-0.04, 0.06)
Q03393	PTS	OID20847	192	0.075	0.016	2.65E-06	0.08 (0.04, 0.11)	1.04E-04	1.03E-12	0.007	0.031	0.820	0.01 (-0.05, 0.07)	0.004	0.010	0.034	0.024	0.159	0.03 (-0.01, 0.08)	0.036	0.021	0.093	0.04 (-0.01, 0.08)
Q96D42	HAVCR1	OID21422	192	0.055	0.012	2.80E-06	0.05 (0.03, 0.08)	1.08E-04	8.20E-06	0.006	0.022	0.804	0.01 (-0.04, 0.05)	0.003	0.011	0.041	0.020	0.046	0.04 (7.00e-04, 0.08)	0.037	0.018	0.048	0.04 (5.22e-04, 0.07)
P06280	GLA	OID30594	192	0.067	0.014	2.90E-06	0.07 (0.04, 0.10)	1.11E-04	3.66E-06	0.017	0.028	0.548	0.02 (-0.04, 0.07)	0.003	0.033	0.050	0.023	0.034	0.05 (3.76e-03, 0.10)	0.035	0.021	0.096	0.04 (-0.01, 0.08)
P35475	IDUA	OID21468	192	0.082	0.018	3.30E-06	0.08 (0.05, 0.12)	1.25E-04	5.09E-40	0.053	0.034	0.126	0.05 (-0.01, 0.12)	0.002	0.312	0.052	0.022	0.018	0.05 (0.01, 0.10)	0.037	0.020	0.068	0.04 (-2.51e-03, 0.08)
P02774	GC	OID30780	226	-0.038	0.008	3.46E-06	-0.04 (-0.05, -0.02)	1.29E-04	7.51E-05	-0.040	0.016	0.016	-0.04 (-0.07, -0.01)	0.000	0.881	-0.028	0.014	0.041	-0.03 (-0.05, -1.18e-03)	-0.038	0.014	0.005	-0.04 (-0.07, -0.01)
O75365	PTP4A3	OID30469	192	0.059	0.013	3.99E-06	0.06 (0.03, 0.08)	1.47E-04	0.024	0.002	0.025	0.942	1.79e-03 (-0.05, 0.05)	0.004	0.007	0.003	0.020	0.871	3.17e-03 (-0.04, 0.04)	-0.013	0.024	0.582	-0.01 (-0.06, 0.03)
P18510	IL1RN	OID20700	192	0.070	0.015	4.21E-06	0.07 (0.04, 0.10)	1.52E-04	1.94E-09	-0.012	0.029	0.683	-0.01 (-0.07, 0.04)	0.005	0.001	0.030	0.022	0.182	0.03 (-0.01, 0.07)	0.038	0.025	0.125	0.04 (-0.01, 0.09)
P05787	KRT8	OID30865	192	0.062	0.013	4.25E-06	0.06 (0.04, 0.09)	1.52E-04	0.016	0.018	0.026	0.483	0.02 (-0.03, 0.07)	0.003	0.050	0.030	0.020	0.126	0.03 (-0.01, 0.07)	0.029	0.022	0.190	0.03 (-0.01, 0.07)
P09958	FURIN	OID21514	192	0.064	0.014	4.41E-06	0.06 (0.04, 0.09)	1.56E-04	1.58E-05	-0.008	0.026	0.751	-0.01 (-0.06, 0.04)	0.005	0.002	0.025	0.023	0.266	0.03 (-0.02, 0.07)	0.016	0.023	0.488	0.02 (-0.03, 0.06)
P51688	SGSH	OID30341	192	0.063	0.014	4.90E-06	0.06 (0.04, 0.09)	1.71E-04	9.62E-35	0.039	0.027	0.140	0.04 (-0.01, 0.09)	0.001	0.302	0.022	0.014	0.124	0.02 (-0.01, 0.05)	0.025	0.018	0.160	0.03 (-0.01, 0.06)
O75882	ATRN	OID30735	192	0.063	0.014	5.16E-06	0.06 (0.04, 0.09)	1.78E-04	6.99E-09	0.045	0.027	0.097	0.04 (-0.01, 0.10)	0.001	0.425	0.039	0.023	0.090	0.04 (-0.01, 0.08)	0.038	0.022	0.080	0.04 (-4.35e-03, 0.08)
P36955	SERPINF1	OID30757	192	0.065	0.014	7.61E-06	0.06 (0.04, 0.09)	2.60E-04	2.27E-08	-0.041	0.027	0.129	-0.04 (-0.09, 0.01)	0.007	7.08E-06	0.011	0.020	0.587	0.01 (-0.03, 0.05)	0.006	0.023	0.796	0.01 (-0.04, 0.05)
P06681	C2	OID20410	192	0.065	0.015	8.09E-06	0.07 (0.04, 0.09)	2.73E-04	1.81E-09	0.035	0.028	0.213	0.04 (-0.02, 0.09)	0.002	0.218	0.062	0.023	0.006	0.06 (0.02, 0.11)	0.060	0.022	0.008	0.06 (0.02, 0.10)
Q14914	PTGR1	OID30297	192	0.070	0.016	8.48E-06	0.07 (0.04, 0.10)	2.83E-04	1.36E-16	-0.006	0.030	0.842	-0.01 (-0.06, 0.05)	0.005	0.003	0.035	0.024	0.135	0.04 (-0.01, 0.08)	0.039	0.023	0.085	0.04 (-0.01, 0.08)
P33681	CD80	OID30291	192	0.064	0.014	8.64E-06	0.06 (0.04, 0.09)	2.86E-04	5.87E-11	0.034	0.028	0.233	0.03 (-0.02, 0.09)	0.002	0.198	0.016	0.018	0.362	0.02 (-0.02, 0.05)	0.018	0.023	0.433	0.02 (-0.03, 0.06)
O00220	TNFRSF10A	OID20967	192	0.059	0.013	9.43E-06	0.06 (0.03, 0.08)	3.08E-04	2.77E-08	0.002	0.025	0.931	2.21e-03 (-0.05, 0.05)	0.004	0.010	0.047	0.022	0.030	0.05 (4.41e-03, 0.09)	0.027	0.021	0.187	0.03 (-0.01, 0.07)
O00748	CES2	OID21366	192	0.059	0.013	1.15E-05	0.06 (0.03, 0.09)	3.71E-04	0.001	0.009	0.026	0.737	0.01 (-0.04, 0.06)	0.003	0.024	0.019	0.022	0.378	0.02 (-0.02, 0.06)	0.013	0.023	0.569	0.01 (-0.03, 0.06)
Q06520	SULT2A1	OID20508	192	0.067	0.015	1.20E-05	0.07 (0.04, 0.10)	3.83E-04	3.13E-10	0.013	0.029	0.650	0.01 (-0.04, 0.07)	0.003	0.034	0.013	0.020	0.508	0.01 (-0.03, 0.05)	0.000	0.025	0.986	4.49e-04 (-0.05, 0.05)
P01833	PIGR	OID21102	192	0.064	0.015	1.23E-05	0.06 (0.04, 0.09)	3.88E-04	3.46E-06	0.032	0.028	0.263	0.03 (-0.02, 0.09)	0.002	0.185	0.055	0.025	0.024	0.06 (0.01, 0.10)	0.043	0.024	0.075	0.04 (-4.05e-03, 0.09)
P10451	SPP1	OID20322	192	-0.066	0.015	1.24E-05	-0.07 (-0.10, -0.04)	3.89E-04	1.83E-10	-0.071	0.029	0.015	-0.07 (-0.13, -0.01)	0.000	0.815	-0.068	0.019	3.54E-04	-0.07 (-0.11, -0.03)	-0.070	0.021	0.001	-0.07 (-0.11, -0.03)
Q9Y2E5	MAN2B2	OID30306	192	0.080	0.018	1.29E-05	0.08 (0.04, 0.12)	3.99E-04	3.21E-92	0.074	0.035	0.038	0.07 (4.60e-03, 0.14)	0.000	0.845	0.065	0.018	3.35E-04	0.07 (0.03, 0.10)	0.065	0.019	0.001	0.07 (0.03, 0.10)
O00533	CHL1	OID20366	192	-0.062	0.014	1.45E-05	-0.06 (-0.09, -0.03)	4.44E-04	1.24E-07	-0.019	0.027	0.489	-0.02 (-0.07, 0.03)	-0.003	0.069	-0.042	0.023	0.073	-0.04 (-0.09, 3.87e-03)	-0.043	0.023	0.059	-0.04 (-0.09, 1.33e-03)
P08236	GUSB	OID20296	192	0.092	0.021	1.53E-05	0.09 (0.05, 0.13)	4.59E-04	3.26E-63	0.036	0.041	0.379	0.04 (-0.04, 0.12)	0.004	0.114	0.033	0.023	0.138	0.03 (-0.01, 0.08)	0.022	0.023	0.325	0.02 (-0.02, 0.07)
Q5T2W1	PDZK1	OID30550	192	0.067	0.016	1.52E-05	0.07 (0.04, 0.10)	4.59E-04	1.64E-09	0.008	0.030	0.784	0.01 (-0.05, 0.07)	0.004	0.022	0.013	0.022	0.546	0.01 (-0.03, 0.06)	0.022	0.023	0.346	0.02 (-0.02, 0.07)
P02654	APOC1	OID30749	192	-0.060	0.014	1.64E-05	-0.06 (-0.09, -0.03)	4.87E-04	1.25E-07	-0.046	0.027	0.092	-0.05 (-0.10, 0.01)	-0.001	0.539	-0.026	0.021	0.204	-0.03 (-0.07, 0.01)	-0.034	0.024	0.167	-0.03 (-0.08, 0.01)
P05107	ITGB2	OID20315	192	0.059	0.014	1.66E-05	0.06 (0.03, 0.09)	4.87E-04	3.87E-05	0.028	0.026	0.292	0.03 (-0.02, 0.08)	0.002	0.173	0.030	0.019	0.118	0.03 (-0.01, 0.07)	0.020	0.022	0.375	0.02 (-0.02, 0.06)
Q9UBR2	CTSZ	OID20365	192	0.078	0.018	1.92E-05	0.08 (0.04, 0.11)	0.001	1.72E-31	0.037	0.035	0.294	0.04 (-0.03, 0.11)	0.003	0.177	0.067	0.023	0.004	0.07 (0.02, 0.11)	0.060	0.021	0.005	0.06 (0.02, 0.10)
O75339	CILP	OID30399	192	0.056	0.013	1.98E-05	0.06 (0.03, 0.08)	0.001	2.25E-04	0.042	0.026	0.100	0.04 (-0.01, 0.09)	0.001	0.526	0.052	0.023	0.025	0.05 (0.01, 0.10)	0.047	0.021	0.028	0.05 (0.01, 0.09)
P15514	AREG	OID21357	192	0.061	0.014	2.08E-05	0.06 (0.03, 0.09)	0.001	2.73E-06	0.029	0.028	0.299	0.03 (-0.03, 0.08)	0.002	0.177	0.037	0.019	0.055	0.04 (-8.25e-04, 0.08)	0.048	0.022	0.028	0.05 (0.01, 0.09)
Q96I15	SCLY	OID21425	192	0.064	0.015	2.23E-05	0.06 (0.03, 0.09)	0.001	3.23E-11	0.003	0.029	0.909	3.31e-03 (-0.05, 0.06)	0.004	0.015	0.032	0.023	0.170	0.03 (-0.01, 0.08)	0.021	0.022	0.351	0.02 (-0.02, 0.06)
Q15846	CLUL1	OID20198	192	-0.056	0.013	2.43E-05	-0.06 (-0.08, -0.03)	0.001	2.73E-15	-0.044	0.026	0.087	-0.04 (-0.10, 0.01)	-0.001	0.594	-0.046	0.020	0.023	-0.05 (-0.09, -0.01)	-0.036	0.020	0.066	-0.04 (-0.08, 2.17e-03)
P21549	AGXT	OID20139	192	0.066	0.016	2.47E-05	0.07 (0.04, 0.10)	0.001	8.01E-13	0.018	0.030	0.549	0.02 (-0.04, 0.08)	0.003	0.065	0.085	0.021	6.62E-05	0.08 (0.04, 0.13)	0.078	0.027	0.005	0.08 (0.02, 0.13)
Q08380	LGALS3BP	OID30765	192	0.059	0.014	2.46E-05	0.06 (0.03, 0.09)	0.001	1.41E-06	-0.002	0.027	0.939	-2.05e-03 (-0.05, 0.05)	0.004	0.008	0.031	0.019	0.106	0.03 (-0.01, 0.07)	0.020	0.021	0.330	0.02 (-0.02, 0.06)
O95497	VNN1	OID30711	192	0.061	0.014	2.64E-05	0.06 (0.03, 0.09)	0.001	1.19E-39	0.018	0.028	0.507	0.02 (-0.04, 0.07)	0.003	0.076	0.032	0.015	0.025	0.03 (4.03e-03, 0.06)	0.019	0.015	0.198	0.02 (-0.01, 0.05)
Q8N4F0	BPIFB2	OID30311	192	0.092	0.022	2.68E-05	0.09 (0.05, 0.13)	0.001	4.24E-66	0.036	0.042	0.396	0.04 (-0.05, 0.12)	0.004	0.123	0.029	0.021	0.160	0.03 (-0.01, 0.07)	0.028	0.021	0.188	0.03 (-0.01, 0.07)
Q9UK23	NAGPA	OID30643	192	0.063	0.015	2.72E-05	0.06 (0.03, 0.09)	0.001	2.05E-09	0.034	0.029	0.237	0.03 (-0.02, 0.09)	0.002	0.253	0.052	0.023	0.026	0.05 (0.01, 0.10)	0.048	0.024	0.043	0.05 (1.94e-03, 0.09)
P50053	KHK	OID30241	192	0.063	0.015	2.77E-05	0.06 (0.03, 0.09)	0.001	3.03E-10	0.014	0.029	0.622	0.01 (-0.04, 0.07)	0.003	0.050	0.018	0.020	0.371	0.02 (-0.02, 0.06)	0.024	0.023	0.285	0.02 (-0.02, 0.07)
Q16651	PRSS8	OID20763	192	0.058	0.014	2.76E-05	0.06 (0.03, 0.08)	0.001	2.16E-07	-0.020	0.026	0.446	-0.02 (-0.07, 0.03)	0.005	0.001	0.027	0.021	0.211	0.03 (-0.02, 0.07)	0.026	0.022	0.233	0.03 (-0.02, 0.07)
P14210	HGF	OID20656	192	0.061	0.015	2.82E-05	0.06 (0.03, 0.09)	0.001	2.15E-08	-0.005	0.028	0.856	-0.01 (-0.06, 0.05)	0.004	0.006	0.042	0.024	0.085	0.04 (-0.01, 0.09)	0.043	0.022	0.057	0.04 (-9.84e-04, 0.09)
Q16819	MEP1A	OID31459	192	0.056	0.013	2.91E-05	0.06 (0.03, 0.08)	0.001	6.22E-06	0.038	0.026	0.143	0.04 (-0.01, 0.09)	0.001	0.426	0.057	0.023	0.013	0.06 (0.01, 0.10)	0.080	0.024	0.001	0.08 (0.03, 0.13)
O14594	NCAN	OID21055	192	-0.090	0.021	2.88E-05	-0.09 (-0.13, -0.05)	0.001	5.84E-67	-0.031	0.041	0.449	-0.03 (-0.11, 0.05)	-0.004	0.101	-0.051	0.024	0.032	-0.05 (-0.10, -4.31e-03)	-0.053	0.024	0.028	-0.05 (-0.10, -0.01)
Q12918	KLRB1	OID20629	192	0.068	0.016	2.97E-05	0.07 (0.04, 0.10)	0.001	1.39E-15	0.056	0.032	0.077	0.06 (-0.01, 0.12)	0.001	0.663	0.050	0.020	0.012	0.05 (0.01, 0.09)	0.061	0.025	0.015	0.06 (0.01, 0.11)
P00750	PLAT	OID20247	192	0.053	0.013	3.01E-05	0.05 (0.03, 0.08)	0.001	0.002	0.003	0.024	0.915	2.57e-03 (-0.04, 0.05)	0.003	0.016	0.021	0.023	0.346	0.02 (-0.02, 0.07)	0.013	0.023	0.564	0.01 (-0.03, 0.06)
P39905	GDNF	OID20861	192	0.048	0.011	3.05E-05	0.05 (0.03, 0.07)	0.001	0.088	0.043	0.024	0.070	0.04 (-3.19e-03, 0.09)	0.000	0.828	0.071	0.021	0.001	0.07 (0.03, 0.11)	0.067	0.025	0.007	0.07 (0.02, 0.12)
O15394	NCAM2	OID21095	192	-0.055	0.013	3.13E-05	-0.05 (-0.08, -0.03)	0.001	1.66E-07	-0.015	0.025	0.559	-0.01 (-0.06, 0.03)	-0.003	0.067	-0.032	0.019	0.088	-0.03 (-0.07, 4.75e-03)	-0.028	0.021	0.172	-0.03 (-0.07, 0.01)
P01303	NPY	OID21388	192	0.065	0.016	3.30E-05	0.06 (0.03, 0.10)	0.001	1.22E-12	0.035	0.030	0.251	0.03 (-0.02, 0.09)	0.002	0.248	0.039	0.025	0.110	0.04 (-0.01, 0.09)	0.036	0.023	0.118	0.04 (-0.01, 0.08)
Q4VCS5	AMOT	OID30572	192	0.051	0.012	3.37E-05	0.05 (0.03, 0.08)	0.001	0.008	0.025	0.024	0.300	0.02 (-0.02, 0.07)	0.002	0.198	0.046	0.023	0.043	0.05 (1.35e-03, 0.09)	0.042	0.020	0.038	0.04 (2.64e-03, 0.08)
P61457	PCBD1	OID30610	192	0.098	0.024	3.46E-05	0.10 (0.05, 0.14)	0.001	3.30E-77	0.014	0.046	0.759	0.01 (-0.08, 0.10)	0.005	0.032	0.046	0.024	0.058	0.05 (-1.53e-03, 0.09)	0.047	0.024	0.051	0.05 (8.78e-05, 0.09)
Q6UXH9	PAMR1	OID21153	192	0.054	0.013	3.49E-05	0.05 (0.03, 0.08)	0.001	3.95E-06	0.005	0.025	0.856	4.56e-03 (-0.04, 0.05)	0.003	0.022	0.034	0.023	0.143	0.03 (-0.01, 0.08)	0.022	0.022	0.307	0.02 (-0.02, 0.06)
P16112	ACAN	OID20159	192	-0.067	0.016	3.66E-05	-0.07 (-0.10, -0.03)	0.001	1.94E-18	-0.046	0.031	0.143	-0.05 (-0.11, 0.02)	-0.001	0.448	-0.048	0.019	0.013	-0.05 (-0.09, -0.01)	-0.048	0.021	0.023	-0.05 (-0.09, -0.01)
Q00796	SORD	OID21453	192	0.064	0.016	3.72E-05	0.06 (0.03, 0.09)	0.001	1.73E-11	0.022	0.030	0.462	0.02 (-0.04, 0.08)	0.003	0.103	0.049	0.025	0.045	0.05 (1.14e-03, 0.10)	0.046	0.024	0.058	0.05 (-1.36e-03, 0.09)
Q16549	PCSK7	OID31410	192	0.048	0.012	3.83E-05	0.05 (0.03, 0.07)	0.001	0.093	0.054	0.024	0.028	0.05 (0.01, 0.10)	0.000	0.790	0.076	0.023	0.001	0.08 (0.03, 0.12)	0.072	0.025	0.004	0.07 (0.02, 0.12)
P23141	CES1	OID20244	192	0.083	0.020	3.88E-05	0.08 (0.04, 0.12)	0.001	2.61E-56	0.017	0.039	0.663	0.02 (-0.06, 0.09)	0.004	0.048	0.051	0.024	0.032	0.05 (4.31e-03, 0.10)	0.029	0.022	0.175	0.03 (-0.01, 0.07)
P48740	MASP1	OID20954	192	0.063	0.015	4.37E-05	0.06 (0.03, 0.09)	0.001	7.83E-13	0.029	0.030	0.338	0.03 (-0.03, 0.09)	0.002	0.180	0.040	0.024	0.095	0.04 (-0.01, 0.09)	0.025	0.024	0.296	0.02 (-0.02, 0.07)
Q9BZZ2	SIGLEC1	OID20690	192	0.054	0.013	4.45E-05	0.05 (0.03, 0.08)	0.001	2.28E-05	0.009	0.025	0.716	0.01 (-0.04, 0.06)	0.003	0.041	0.026	0.022	0.226	0.03 (-0.02, 0.07)	0.038	0.022	0.080	0.04 (-4.28e-03, 0.08)
Q96HD1	CRELD1	OID30619	192	0.052	0.013	4.64E-05	0.05 (0.03, 0.08)	0.001	3.69E-08	-0.023	0.024	0.330	-0.02 (-0.07, 0.02)	0.005	2.88E-04	0.015	0.020	0.460	0.01 (-0.02, 0.05)	0.014	0.018	0.428	0.01 (-0.02, 0.05)
Q8TAT2	FGFBP3	OID31108	192	-0.052	0.013	4.66E-05	-0.05 (-0.08, -0.03)	0.001	0.001	-0.066	0.025	0.009	-0.07 (-0.12, -0.02)	0.001	0.524	-0.046	0.024	0.051	-0.05 (-0.09, 2.97e-04)	-0.045	0.023	0.050	-0.05 (-0.09, -2.31e-04)
P08473	MME	OID21307	192	0.052	0.013	4.62E-05	0.05 (0.03, 0.08)	0.001	1.03E-04	0.008	0.024	0.738	0.01 (-0.04, 0.06)	0.003	0.038	0.031	0.023	0.176	0.03 (-0.01, 0.08)	0.028	0.022	0.205	0.03 (-0.02, 0.07)
P35520	CBS	OID30200	192	0.066	0.016	4.89E-05	0.07 (0.03, 0.10)	0.001	1.25E-12	0.004	0.031	0.905	3.73e-03 (-0.06, 0.06)	0.004	0.021	-0.001	0.021	0.966	-8.87e-04 (-0.04, 0.04)	-0.003	0.024	0.902	-2.95e-03 (-0.05, 0.04)
Q8NCC3	PLA2G15	OID21473	192	0.063	0.016	4.88E-05	0.06 (0.03, 0.09)	0.001	8.43E-13	0.028	0.030	0.355	0.03 (-0.03, 0.09)	0.002	0.172	0.040	0.024	0.091	0.04 (-0.01, 0.09)	0.043	0.021	0.045	0.04 (1.18e-03, 0.09)
Q9Y286	SIGLEC7	OID20190	192	0.050	0.012	5.07E-05	0.05 (0.03, 0.07)	0.001	0.017	0.027	0.024	0.268	0.03 (-0.02, 0.07)	0.001	0.253	0.052	0.022	0.020	0.05 (0.01, 0.10)	0.043	0.023	0.064	0.04 (-2.21e-03, 0.09)
Q9BYE9	CDHR2	OID21282	192	0.062	0.015	5.52E-05	0.06 (0.03, 0.09)	0.001	1.14E-22	-0.001	0.029	0.980	-7.27e-04 (-0.06, 0.06)	0.004	0.014	0.038	0.023	0.106	0.04 (-0.01, 0.08)	0.032	0.022	0.141	0.03 (-0.01, 0.07)
P19440	GGT1	OID21075	192	0.063	0.016	5.77E-05	0.06 (0.03, 0.09)	0.001	8.87E-18	0.011	0.030	0.703	0.01 (-0.05, 0.07)	0.003	0.047	0.055	0.023	0.017	0.05 (0.01, 0.10)	0.058	0.022	0.009	0.06 (0.01, 0.10)
Q9Y5Q6	INSL5	OID31448	104	0.073	0.018	6.11E-05	0.07 (0.04, 0.11)	0.001	0.001	0.013	0.031	0.679	0.01 (-0.05, 0.07)	0.004	0.022	0.030	0.026	0.254	0.03 (-0.02, 0.08)	0.035	0.026	0.175	0.03 (-0.02, 0.09)
Q9H8J5	MANSC1	OID21492	192	-0.065	0.016	6.12E-05	-0.06 (-0.10, -0.03)	0.001	3.81E-13	-0.040	0.031	0.200	-0.04 (-0.10, 0.02)	-0.002	0.362	-0.036	0.025	0.143	-0.04 (-0.08, 0.01)	-0.014	0.022	0.546	-0.01 (-0.06, 0.03)
Q96HD9	ACY3	OID30086	192	0.058	0.014	6.19E-05	0.06 (0.03, 0.09)	0.001	1.08E-06	0.025	0.028	0.375	0.02 (-0.03, 0.08)	0.002	0.169	0.034	0.023	0.139	0.03 (-0.01, 0.08)	0.033	0.023	0.148	0.03 (-0.01, 0.08)
P09601	HMOX1	OID20217	192	-0.064	0.016	6.28E-05	-0.06 (-0.10, -0.03)	0.001	1.96E-13	-0.050	0.031	0.107	-0.05 (-0.11, 0.01)	-0.001	0.608	-0.063	0.026	0.014	-0.06 (-0.11, -0.01)	-0.046	0.025	0.065	-0.05 (-0.09, 2.53e-03)
P00352	ALDH1A1	OID21128	192	0.058	0.015	6.43E-05	0.06 (0.03, 0.09)	0.001	1.14E-08	0.026	0.028	0.364	0.03 (-0.03, 0.08)	0.002	0.178	0.062	0.021	0.004	0.06 (0.02, 0.10)	0.054	0.024	0.024	0.05 (0.01, 0.10)
Q6ZVN8	HJV	OID31006	192	0.056	0.014	6.40E-05	0.06 (0.03, 0.08)	0.001	1.16E-04	-0.007	0.027	0.798	-0.01 (-0.06, 0.05)	0.004	0.007	0.030	0.025	0.228	0.03 (-0.02, 0.08)	0.046	0.026	0.080	0.05 (-0.01, 0.10)
Q96N03	VSTM2L	OID20067	192	0.054	0.013	6.39E-05	0.05 (0.03, 0.08)	0.001	0.010	0.028	0.026	0.290	0.03 (-0.02, 0.08)	0.002	0.242	0.055	0.024	0.026	0.05 (0.01, 0.10)	0.047	0.025	0.061	0.05 (-1.85e-03, 0.10)
O43903	GAS2	OID31285	192	0.054	0.013	6.54E-05	0.05 (0.03, 0.08)	0.001	0.011	0.016	0.026	0.532	0.02 (-0.03, 0.07)	0.002	0.093	0.025	0.019	0.194	0.02 (-0.01, 0.06)	0.006	0.027	0.831	0.01 (-0.05, 0.06)
Q96MK3	FAM20A	OID30348	192	0.059	0.015	6.61E-05	0.06 (0.03, 0.09)	0.001	2.38E-10	-0.012	0.028	0.679	-0.01 (-0.07, 0.04)	0.004	0.004	0.017	0.021	0.433	0.02 (-0.02, 0.06)	0.021	0.021	0.315	0.02 (-0.02, 0.06)
P28845	HSD11B1	OID20575	192	-0.089	0.022	6.67E-05	-0.09 (-0.13, -0.05)	0.001	4.44E-60	0.021	0.043	0.630	0.02 (-0.06, 0.10)	-0.007	0.003	-0.043	0.022	0.052	-0.04 (-0.09, 4.12e-04)	-0.055	0.022	0.014	-0.05 (-0.10, -0.01)
Q2MKA7	RSPO1	OID20938	192	-0.045	0.011	6.72E-05	-0.05 (-0.07, -0.02)	0.001	0.181	-0.046	0.023	0.051	-0.05 (-0.09, -1.44e-04)	0.000	0.997	-0.058	0.023	0.012	-0.06 (-0.10, -0.01)	-0.062	0.022	0.005	-0.06 (-0.11, -0.02)
O43508	TNFSF12	OID20624	192	-0.068	0.017	7.11E-05	-0.07 (-0.10, -0.03)	0.001	2.58E-22	-0.035	0.033	0.292	-0.04 (-0.10, 0.03)	-0.002	0.247	-0.033	0.023	0.150	-0.03 (-0.08, 0.01)	-0.050	0.022	0.025	-0.05 (-0.09, -0.01)
P35218	CA5A	OID20075	192	0.053	0.013	7.34E-05	0.05 (0.03, 0.08)	0.001	1.43E-09	0.013	0.026	0.614	0.01 (-0.04, 0.06)	0.003	0.071	0.047	0.022	0.029	0.05 (4.91e-03, 0.09)	0.047	0.022	0.036	0.05 (3.46e-03, 0.09)
Q16674	MIA	OID21531	192	-0.049	0.012	8.09E-05	-0.05 (-0.07, -0.02)	0.002	2.44E-06	-0.025	0.024	0.307	-0.02 (-0.07, 0.02)	-0.002	0.237	-0.046	0.022	0.035	-0.05 (-0.09, -3.12e-03)	-0.042	0.022	0.054	-0.04 (-0.08, 4.79e-04)
P19022	CDH2	OID20170	192	0.057	0.014	8.23E-05	0.06 (0.03, 0.09)	0.002	1.59E-10	0.020	0.028	0.474	0.02 (-0.03, 0.07)	0.002	0.125	0.019	0.020	0.339	0.02 (-0.02, 0.06)	0.028	0.020	0.172	0.03 (-0.01, 0.07)
Q16288	NTRK3	OID21057	192	-0.060	0.015	8.19E-05	-0.06 (-0.09, -0.03)	0.002	1.88E-11	0.029	0.029	0.321	0.03 (-0.03, 0.09)	-0.006	3.92E-04	-0.025	0.020	0.198	-0.03 (-0.06, 0.01)	-0.009	0.022	0.680	-0.01 (-0.05, 0.03)
P08697	SERPINF2	OID30779	192	0.055	0.014	8.35E-05	0.06 (0.03, 0.08)	0.002	9.79E-06	0.040	0.027	0.137	0.04 (-0.01, 0.09)	0.001	0.533	0.060	0.023	0.009	0.06 (0.02, 0.10)	0.040	0.024	0.093	0.04 (-0.01, 0.09)
P29474	NOS3	OID20834	192	0.062	0.016	9.00E-05	0.06 (0.03, 0.09)	0.002	4.91E-11	0.007	0.030	0.810	0.01 (-0.05, 0.07)	0.003	0.037	0.028	0.025	0.247	0.03 (-0.02, 0.08)	0.027	0.021	0.216	0.03 (-0.02, 0.07)
Q7Z4W1	DCXR	OID21480	192	0.066	0.017	9.06E-05	0.07 (0.03, 0.10)	0.002	2.01E-22	0.029	0.033	0.376	0.03 (-0.04, 0.09)	0.002	0.186	0.034	0.024	0.151	0.03 (-0.01, 0.08)	0.012	0.021	0.587	0.01 (-0.03, 0.05)
P48960	ADGRE5	OID20260	192	0.056	0.014	9.74E-05	0.06 (0.03, 0.08)	0.002	2.03E-08	0.041	0.028	0.145	0.04 (-0.01, 0.10)	0.001	0.529	0.045	0.025	0.066	0.05 (-2.91e-03, 0.09)	0.042	0.026	0.103	0.04 (-0.01, 0.09)
O60469	DSCAM	OID30993	192	0.062	0.016	9.79E-05	0.06 (0.03, 0.09)	0.002	2.13E-15	0.047	0.031	0.134	0.05 (-0.01, 0.11)	0.001	0.561	0.026	0.019	0.177	0.03 (-0.01, 0.06)	0.020	0.023	0.401	0.02 (-0.03, 0.07)
P13929	ENO3	OID30209	192	0.058	0.015	1.06E-04	0.06 (0.03, 0.09)	0.002	4.48E-11	0.008	0.029	0.771	0.01 (-0.05, 0.07)	0.003	0.045	0.016	0.020	0.432	0.02 (-0.02, 0.06)	0.009	0.023	0.698	0.01 (-0.04, 0.05)
P02765	AHSG	OID30706	192	0.047	0.012	1.12E-04	0.05 (0.02, 0.07)	0.002	4.34E-04	-0.003	0.023	0.895	-3.07e-03 (-0.05, 0.04)	0.003	0.012	0.015	0.017	0.382	0.02 (-0.02, 0.05)	0.005	0.020	0.802	0.01 (-0.03, 0.04)
P26010	ITGB7	OID21393	192	0.055	0.014	1.11E-04	0.05 (0.03, 0.08)	0.002	1.57E-08	0.068	0.027	0.015	0.07 (0.01, 0.12)	-0.001	0.582	0.049	0.023	0.033	0.05 (3.90e-03, 0.09)	0.043	0.024	0.076	0.04 (-4.31e-03, 0.09)
Q6UX06	OLFM4	OID30665	192	0.047	0.012	1.26E-04	0.05 (0.02, 0.07)	0.002	0.002	0.009	0.023	0.705	0.01 (-0.04, 0.05)	0.002	0.060	0.031	0.022	0.161	0.03 (-0.01, 0.07)	0.032	0.022	0.146	0.03 (-0.01, 0.07)
P78556	CCL20	OID20671	192	0.051	0.013	1.29E-04	0.05 (0.02, 0.08)	0.002	0.002	0.025	0.026	0.332	0.03 (-0.03, 0.08)	0.002	0.242	0.043	0.024	0.074	0.04 (-4.21e-03, 0.09)	0.038	0.023	0.099	0.04 (-0.01, 0.08)
Q08431	MFGE8	OID21134	192	0.059	0.016	1.41E-04	0.06 (0.03, 0.09)	0.003	7.70E-13	-0.004	0.030	0.899	-3.78e-03 (-0.06, 0.05)	0.004	0.014	0.040	0.024	0.099	0.04 (-0.01, 0.09)	0.030	0.024	0.216	0.03 (-0.02, 0.08)
Q9NP84	TNFRSF12A	OID21482	192	0.051	0.013	1.44E-04	0.05 (0.02, 0.08)	0.003	2.14E-05	0.011	0.026	0.677	0.01 (-0.04, 0.06)	0.003	0.071	0.032	0.023	0.164	0.03 (-0.01, 0.08)	0.032	0.024	0.180	0.03 (-0.01, 0.08)
Q76LX8	ADAMTS13	OID20249	192	0.062	0.016	1.46E-04	0.06 (0.03, 0.09)	0.003	2.59E-17	0.009	0.031	0.780	0.01 (-0.05, 0.07)	0.003	0.049	0.023	0.022	0.286	0.02 (-0.02, 0.07)	0.017	0.025	0.489	0.02 (-0.03, 0.07)
Q9BXI9	C1QTNF6	OID31049	192	0.051	0.014	1.51E-04	0.05 (0.02, 0.08)	0.003	0.005	0.014	0.026	0.583	0.01 (-0.04, 0.07)	0.002	0.100	0.013	0.022	0.571	0.01 (-0.03, 0.06)	0.008	0.023	0.724	0.01 (-0.04, 0.05)
Q6UXC1	MAMDC4	OID31342	192	0.050	0.013	1.51E-04	0.05 (0.02, 0.08)	0.003	0.001	0.027	0.026	0.293	0.03 (-0.02, 0.08)	0.001	0.294	0.024	0.018	0.198	0.02 (-0.01, 0.06)	0.022	0.022	0.317	0.02 (-0.02, 0.06)
P51687	SUOX	OID31031	192	0.055	0.015	1.51E-04	0.06 (0.03, 0.08)	0.003	1.96E-07	0.011	0.028	0.697	0.01 (-0.04, 0.07)	0.003	0.067	0.017	0.024	0.468	0.02 (-0.03, 0.06)	0.021	0.023	0.354	0.02 (-0.02, 0.07)
P21757	MSR1	OID21063	192	0.051	0.014	1.56E-04	0.05 (0.02, 0.08)	0.003	9.56E-09	-0.004	0.026	0.875	-4.09e-03 (-0.06, 0.05)	0.004	0.013	0.029	0.022	0.185	0.03 (-0.01, 0.07)	0.015	0.020	0.458	0.01 (-0.02, 0.05)
Q96LC7	SIGLEC10	OID20537	192	0.051	0.014	1.75E-04	0.05 (0.02, 0.08)	0.003	3.06E-06	0.015	0.026	0.578	0.01 (-0.04, 0.07)	0.002	0.106	0.018	0.018	0.316	0.02 (-0.02, 0.05)	0.009	0.021	0.672	0.01 (-0.03, 0.05)
P05156	CFI	OID30772	192	0.054	0.014	1.80E-04	0.05 (0.03, 0.08)	0.003	3.01E-07	-0.042	0.027	0.114	-0.04 (-0.09, 0.01)	0.006	3.97E-05	0.008	0.022	0.724	0.01 (-0.04, 0.05)	-0.003	0.022	0.881	-3.31e-03 (-0.05, 0.04)
P38484	IFNGR2	OID20941	192	0.057	0.015	1.82E-04	0.06 (0.03, 0.09)	0.003	1.37E-45	0.053	0.029	0.071	0.05 (-4.20e-03, 0.11)	0.000	0.899	0.026	0.014	0.069	0.03 (-2.06e-03, 0.05)	0.019	0.017	0.261	0.02 (-0.01, 0.05)
P48357	LEPR	OID20128	192	-0.054	0.014	1.82E-04	-0.05 (-0.08, -0.03)	0.003	1.30E-06	0.019	0.027	0.476	0.02 (-0.03, 0.07)	-0.005	0.002	-0.010	0.022	0.666	-0.01 (-0.05, 0.03)	0.005	0.025	0.856	4.53e-03 (-0.04, 0.05)
P05546	SERPIND1	OID30767	192	0.055	0.015	1.82E-04	0.06 (0.03, 0.08)	0.003	4.85E-09	-0.016	0.028	0.567	-0.02 (-0.07, 0.04)	0.004	0.003	0.045	0.024	0.062	0.05 (-2.26e-03, 0.09)	0.041	0.022	0.057	0.04 (-1.01e-03, 0.08)
P21802	FGFR2	OID21478	192	0.054	0.014	2.02E-04	0.05 (0.03, 0.08)	0.003	1.90E-09	-0.009	0.028	0.748	-0.01 (-0.06, 0.05)	0.004	0.009	0.012	0.019	0.534	0.01 (-0.03, 0.05)	0.015	0.021	0.473	0.02 (-0.03, 0.06)
Q14515	SPARCL1	OID20361	192	-0.054	0.015	2.04E-04	-0.05 (-0.08, -0.03)	0.003	3.28E-18	-0.041	0.028	0.144	-0.04 (-0.10, 0.01)	-0.001	0.597	-0.024	0.018	0.197	-0.02 (-0.06, 0.01)	-0.040	0.020	0.049	-0.04 (-0.08, -4.32e-04)
P24821	TNC	OID20359	192	-0.056	0.015	2.07E-04	-0.06 (-0.09, -0.03)	0.003	7.89E-13	-0.063	0.029	0.034	-0.06 (-0.12, -0.01)	0.000	0.793	-0.024	0.021	0.251	-0.02 (-0.06, 0.02)	-0.032	0.022	0.143	-0.03 (-0.08, 0.01)
Q96GW7	BCAN	OID20998	192	-0.052	0.014	2.15E-04	-0.05 (-0.08, -0.02)	0.004	9.90E-07	0.014	0.027	0.608	0.01 (-0.04, 0.07)	-0.004	0.005	-0.036	0.025	0.141	-0.04 (-0.08, 0.01)	-0.033	0.024	0.169	-0.03 (-0.08, 0.01)
Q58EX2	SDK2	OID30662	192	0.050	0.013	2.20E-04	0.05 (0.02, 0.08)	0.004	2.17E-05	0.045	0.026	0.085	0.05 (-0.01, 0.10)	0.000	0.839	0.024	0.023	0.293	0.02 (-0.02, 0.07)	0.026	0.021	0.215	0.03 (-0.02, 0.07)
P21695	GPD1	OID31358	192	0.060	0.016	2.26E-04	0.06 (0.03, 0.09)	0.004	2.72E-13	-0.057	0.030	0.058	-0.06 (-0.12, 1.48e-03)	0.007	8.91E-06	0.003	0.025	0.906	2.93e-03 (-0.05, 0.05)	-0.010	0.023	0.652	-0.01 (-0.06, 0.03)
P07942	LAMB1	OID30280	192	0.053	0.014	2.27E-04	0.05 (0.02, 0.08)	0.004	1.43E-16	0.041	0.028	0.142	0.04 (-0.01, 0.10)	0.001	0.614	0.040	0.021	0.064	0.04 (-2.32e-03, 0.08)	0.030	0.020	0.129	0.03 (-0.01, 0.07)
P07858	CTSB	OID20276	192	-0.080	0.022	2.43E-04	-0.08 (-0.12, -0.04)	0.004	7.05E-72	-0.007	0.042	0.870	-0.01 (-0.09, 0.08)	-0.005	0.043	-0.054	0.023	0.017	-0.05 (-0.10, -0.01)	-0.062	0.022	0.005	-0.06 (-0.10, -0.02)
Q8WTU2	SSC4D	OID20182	192	0.059	0.016	2.49E-04	0.06 (0.03, 0.09)	0.004	1.01E-20	-0.035	0.030	0.242	-0.04 (-0.09, 0.02)	0.006	3.36E-04	0.015	0.019	0.437	0.01 (-0.02, 0.05)	-0.008	0.022	0.727	-0.01 (-0.05, 0.04)
Q8TEU8	WFIKKN2	OID20785	192	-0.055	0.015	2.48E-04	-0.05 (-0.08, -0.03)	0.004	7.50E-16	0.021	0.028	0.457	0.02 (-0.03, 0.08)	-0.005	0.002	-0.031	0.023	0.165	-0.03 (-0.08, 0.01)	-0.039	0.021	0.065	-0.04 (-0.08, 2.21e-03)
O95502	NPTXR	OID20191	192	-0.049	0.013	2.52E-04	-0.05 (-0.07, -0.02)	0.004	1.30E-06	0.015	0.025	0.560	0.01 (-0.03, 0.06)	-0.004	0.004	-0.031	0.022	0.170	-0.03 (-0.07, 0.01)	-0.034	0.022	0.123	-0.03 (-0.08, 0.01)
O14763	TNFRSF10B	OID20981	192	0.045	0.012	2.54E-04	0.04 (0.02, 0.07)	0.004	0.001	-0.006	0.023	0.797	-0.01 (-0.05, 0.04)	0.003	0.012	0.028	0.023	0.230	0.03 (-0.02, 0.07)	0.030	0.022	0.161	0.03 (-0.01, 0.07)
Q92820	GGH	OID20416	192	0.057	0.016	2.56E-04	0.06 (0.03, 0.09)	0.004	3.71E-14	0.004	0.030	0.905	3.57e-03 (-0.05, 0.06)	0.003	0.038	0.019	0.023	0.405	0.02 (-0.03, 0.07)	0.022	0.023	0.334	0.02 (-0.02, 0.07)
Q86VB7	CD163	OID20360	192	0.058	0.016	2.64E-04	0.06 (0.03, 0.09)	0.004	7.20E-16	-0.011	0.030	0.729	-0.01 (-0.07, 0.05)	0.004	0.009	0.013	0.020	0.521	0.01 (-0.03, 0.05)	0.011	0.020	0.604	0.01 (-0.03, 0.05)
Q96DC8	ECHDC3	OID30293	192	0.049	0.013	2.74E-04	0.05 (0.02, 0.08)	0.004	3.75E-06	0.005	0.027	0.842	0.01 (-0.05, 0.06)	0.003	0.057	0.022	0.022	0.328	0.02 (-0.02, 0.07)	0.016	0.024	0.521	0.02 (-0.03, 0.06)
Q96RD9	FCRL5	OID21111	192	0.052	0.014	2.75E-04	0.05 (0.02, 0.08)	0.004	9.69E-12	0.034	0.028	0.224	0.03 (-0.02, 0.09)	0.001	0.442	0.029	0.018	0.103	0.03 (-0.01, 0.06)	0.020	0.021	0.346	0.02 (-0.02, 0.06)
P06870	KLK1	OID21499	192	-0.041	0.011	2.81E-04	-0.04 (-0.06, -0.02)	0.004	1.06E-08	-0.018	0.022	0.411	-0.02 (-0.06, 0.02)	-0.001	0.218	-0.037	0.019	0.045	-0.04 (-0.07, -8.50e-04)	-0.027	0.018	0.149	-0.03 (-0.06, 0.01)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
P54108	CRISP3	OID30715	192	-0.046	0.013	2.90E-04	-0.05 (-0.07, -0.02)	0.004	7.94E-07	-0.044	0.025	0.075	-0.04 (-0.09, 4.20e-03)	0.000	0.926	-0.037	0.022	0.098	-0.04 (-0.08, 0.01)	-0.027	0.021	0.208	-0.03 (-0.07, 0.01)
Q9HCU0	CD248	OID30394	192	-0.050	0.014	2.96E-04	-0.05 (-0.08, -0.02)	0.004	6.92E-06	-0.051	0.027	0.059	-0.05 (-0.10, 1.58e-03)	0.000	0.965	-0.068	0.023	0.004	-0.07 (-0.11, -0.02)	-0.080	0.022	4.29E-04	-0.08 (-0.12, -0.04)
P21583	KITLG	OID20196	192	-0.060	0.017	3.08E-04	-0.06 (-0.09, -0.03)	0.005	9.27E-17	-0.006	0.032	0.847	-0.01 (-0.07, 0.06)	-0.003	0.051	-0.029	0.022	0.197	-0.03 (-0.07, 0.02)	-0.024	0.023	0.286	-0.02 (-0.07, 0.02)
Q9HAN9	NMNAT1	OID20913	192	0.041	0.011	3.16E-04	0.04 (0.02, 0.06)	0.005	0.256	0.051	0.023	0.025	0.05 (0.01, 0.10)	-0.001	0.592	0.036	0.023	0.125	0.04 (-0.01, 0.08)	0.038	0.023	0.097	0.04 (-0.01, 0.08)
Q6UXG3	CD300LG	OID21130	192	-0.060	0.017	3.21E-04	-0.06 (-0.09, -0.03)	0.005	1.49E-23	-0.052	0.032	0.109	-0.05 (-0.12, 0.01)	0.000	0.777	-0.046	0.023	0.046	-0.05 (-0.09, -7.57e-04)	-0.038	0.021	0.069	-0.04 (-0.08, 2.78e-03)
P08294	SOD3	OID30683	192	-0.055	0.015	3.27E-04	-0.05 (-0.08, -0.02)	0.005	3.21E-17	-0.052	0.030	0.077	-0.05 (-0.11, 0.01)	0.000	0.931	-0.053	0.021	0.014	-0.05 (-0.09, -0.01)	-0.054	0.023	0.019	-0.05 (-0.10, -0.01)
P02818	BGLAP	OID30389	192	-0.046	0.013	3.43E-04	-0.05 (-0.07, -0.02)	0.005	0.013	-0.076	0.025	0.002	-0.08 (-0.12, -0.03)	0.002	0.158	-0.072	0.020	3.47E-04	-0.07 (-0.11, -0.03)	-0.067	0.023	0.004	-0.07 (-0.11, -0.02)
Q9NRR1	CYTL1	OID30374	192	-0.040	0.011	3.59E-04	-0.04 (-0.06, -0.02)	0.005	0.029	-0.038	0.022	0.081	-0.04 (-0.08, 4.50e-03)	0.000	0.918	-0.056	0.019	0.003	-0.06 (-0.09, -0.02)	-0.055	0.022	0.013	-0.06 (-0.10, -0.01)
P05091	ALDH2	OID31380	192	0.043	0.012	3.64E-04	0.04 (0.02, 0.07)	0.005	0.269	0.022	0.024	0.351	0.02 (-0.02, 0.07)	0.001	0.321	0.031	0.026	0.236	0.03 (-0.02, 0.08)	0.035	0.026	0.189	0.03 (-0.02, 0.09)
Q13232	NME3	OID20789	192	-0.059	0.016	3.69E-04	-0.06 (-0.09, -0.03)	0.005	2.11E-15	-0.020	0.032	0.525	-0.02 (-0.08, 0.04)	-0.002	0.161	-0.035	0.023	0.124	-0.04 (-0.08, 0.01)	-0.041	0.022	0.065	-0.04 (-0.08, 2.28e-03)
P0DUB6;P	AMY1A;AMY1	OID30707	192	-0.059	0.017	3.88E-04	-0.06 (-0.09, -0.03)	0.006	1.21E-18	-0.004	0.032	0.898	-4.08e-03 (-0.07, 0.06)	-0.003	0.046	-0.018	0.023	0.432	-0.02 (-0.06, 0.03)	-0.015	0.025	0.558	-0.01 (-0.06, 0.03)
P23467	PTPRB	OID30324	192	0.059	0.017	3.88E-04	0.06 (0.03, 0.09)	0.006	3.30E-24	0.004	0.032	0.903	3.93e-03 (-0.06, 0.07)	0.003	0.046	0.060	0.021	0.004	0.06 (0.02, 0.10)	0.052	0.022	0.022	0.05 (0.01, 0.10)
P07306	ASGR1	OID20990	192	0.054	0.015	4.17E-04	0.05 (0.02, 0.08)	0.006	1.71E-10	-0.036	0.029	0.221	-0.04 (-0.09, 0.02)	0.006	3.69E-04	0.015	0.022	0.495	0.02 (-0.03, 0.06)	0.016	0.023	0.477	0.02 (-0.03, 0.06)
Q9ULD2	MTUS1	OID31315	192	0.048	0.014	4.21E-04	0.05 (0.02, 0.07)	0.006	0.002	0.012	0.026	0.649	0.01 (-0.04, 0.06)	0.002	0.111	0.013	0.022	0.554	0.01 (-0.03, 0.06)	0.027	0.022	0.223	0.03 (-0.02, 0.07)
Q8IW75	SERPINA12	OID20219	192	0.045	0.013	4.19E-04	0.05 (0.02, 0.07)	0.006	4.65E-10	0.032	0.025	0.206	0.03 (-0.02, 0.08)	0.001	0.521	0.028	0.020	0.159	0.03 (-0.01, 0.07)	0.026	0.019	0.165	0.03 (-0.01, 0.06)
P01024	C3	OID30776	192	0.051	0.014	4.24E-04	0.05 (0.02, 0.08)	0.006	6.86E-05	-0.016	0.027	0.565	-0.02 (-0.07, 0.04)	0.004	0.005	0.018	0.025	0.461	0.02 (-0.03, 0.07)	0.028	0.022	0.204	0.03 (-0.02, 0.07)
P08581	MET	OID20269	192	-0.106	0.030	4.33E-04	-0.11 (-0.16, -0.05)	0.006	1.08E-183	-0.039	0.058	0.505	-0.04 (-0.15, 0.08)	-0.004	0.180	-0.044	0.020	0.025	-0.04 (-0.08, -0.01)	-0.044	0.022	0.049	-0.04 (-0.09, -4.33e-04)
P24387	CRHBP	OID20747	192	0.045	0.013	4.55E-04	0.04 (0.02, 0.07)	0.006	3.55E-05	0.005	0.025	0.825	0.01 (-0.04, 0.05)	0.002	0.063	0.039	0.023	0.085	0.04 (-0.01, 0.08)	0.034	0.023	0.134	0.03 (-0.01, 0.08)
P27169	PON1	OID30704	192	-0.041	0.012	4.54E-04	-0.04 (-0.06, -0.02)	0.006	5.01E-07	-0.013	0.022	0.559	-0.01 (-0.06, 0.03)	-0.002	0.149	-0.029	0.015	0.050	-0.03 (-0.06, -1.18e-05)	-0.007	0.018	0.688	-0.01 (-0.04, 0.03)
P16278	GLB1	OID20949	192	0.066	0.019	4.98E-04	0.07 (0.03, 0.10)	0.007	3.81E-37	0.080	0.037	0.032	0.08 (0.01, 0.15)	-0.001	0.672	0.054	0.024	0.024	0.05 (0.01, 0.10)	0.050	0.024	0.036	0.05 (3.51e-03, 0.10)
Q03426	MVK	OID20459	192	0.048	0.014	0.001	0.05 (0.02, 0.08)	0.008	5.44E-05	0.011	0.027	0.686	0.01 (-0.04, 0.06)	0.002	0.108	0.033	0.024	0.161	0.03 (-0.01, 0.08)	0.029	0.022	0.179	0.03 (-0.01, 0.07)
Q9BYF1	ACE2	OID20105	192	0.053	0.015	0.001	0.05 (0.02, 0.08)	0.008	1.41E-16	0.010	0.029	0.725	0.01 (-0.05, 0.07)	0.003	0.096	0.065	0.022	0.003	0.06 (0.02, 0.11)	0.062	0.021	0.003	0.06 (0.02, 0.10)
Q9H173	SIL1	OID30207	192	0.041	0.012	0.001	0.04 (0.02, 0.06)	0.008	0.258	0.024	0.024	0.319	0.02 (-0.02, 0.07)	0.001	0.401	0.013	0.023	0.578	0.01 (-0.03, 0.06)	0.018	0.022	0.427	0.02 (-0.03, 0.06)
P36269	GGT5	OID20909	192	0.046	0.013	0.001	0.05 (0.02, 0.07)	0.008	0.001	0.036	0.026	0.169	0.04 (-0.01, 0.09)	0.001	0.653	0.057	0.021	0.008	0.06 (0.01, 0.10)	0.049	0.022	0.029	0.05 (0.01, 0.09)
P05154	SERPINA5	OID30763	192	0.049	0.014	0.001	0.05 (0.02, 0.08)	0.008	6.26E-07	-0.012	0.027	0.664	-0.01 (-0.07, 0.04)	0.004	0.010	0.037	0.024	0.127	0.04 (-0.01, 0.08)	0.022	0.023	0.351	0.02 (-0.02, 0.07)
Q9NSK7	C19orf12	OID20804	192	0.058	0.017	0.001	0.06 (0.02, 0.09)	0.008	1.06E-15	0.005	0.032	0.877	0.01 (-0.06, 0.07)	0.003	0.059	0.019	0.024	0.444	0.02 (-0.03, 0.07)	0.009	0.025	0.726	0.01 (-0.04, 0.06)
Q9P0M4	IL17C	OID20477	192	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.008	0.118	0.027	0.024	0.261	0.03 (-0.02, 0.07)	0.001	0.532	0.023	0.024	0.338	0.02 (-0.02, 0.07)	0.023	0.023	0.313	0.02 (-0.02, 0.07)
P01275	GCG	OID21263	192	0.056	0.017	0.001	0.06 (0.02, 0.09)	0.008	2.13E-13	0.039	0.032	0.230	0.04 (-0.02, 0.10)	0.001	0.517	0.087	0.021	2.79E-05	0.09 (0.05, 0.13)	0.086	0.025	0.001	0.09 (0.04, 0.14)
O95544	NADK	OID20178	192	0.038	0.011	0.001	0.04 (0.02, 0.06)	0.009	0.380	0.030	0.022	0.184	0.03 (-0.01, 0.07)	0.001	0.648	0.063	0.021	0.003	0.06 (0.02, 0.10)	0.069	0.025	0.005	0.07 (0.02, 0.12)
P43251	BTD	OID30754	192	0.048	0.014	0.001	0.05 (0.02, 0.08)	0.009	1.89E-13	0.025	0.028	0.373	0.02 (-0.03, 0.08)	0.002	0.314	0.044	0.023	0.052	0.04 (-4.67e-04, 0.09)	0.038	0.020	0.061	0.04 (-1.47e-03, 0.08)
Q9Y5C1	ANGPTL3	OID20407	192	-0.048	0.014	0.001	-0.05 (-0.08, -0.02)	0.010	2.87E-11	-0.054	0.028	0.052	-0.05 (-0.11, 1.04e-04)	0.000	0.802	-0.043	0.018	0.016	-0.04 (-0.08, -0.01)	-0.019	0.022	0.381	-0.02 (-0.06, 0.02)
Q9ULX7	CA14	OID21401	192	-0.045	0.013	0.001	-0.04 (-0.07, -0.02)	0.010	8.08E-05	0.011	0.025	0.669	0.01 (-0.04, 0.06)	-0.003	0.011	-0.018	0.021	0.400	-0.02 (-0.06, 0.02)	-0.033	0.024	0.177	-0.03 (-0.08, 0.01)
Q9Y6Q6	TNFRSF11A	OID20646	192	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.010	4.44E-15	-0.006	0.028	0.830	-0.01 (-0.06, 0.05)	0.004	0.022	0.004	0.017	0.797	4.49e-03 (-0.03, 0.04)	-0.006	0.019	0.771	-0.01 (-0.04, 0.03)
P07911	UMOD	OID20237	192	-0.046	0.014	0.001	-0.05 (-0.07, -0.02)	0.010	1.65E-22	-0.025	0.027	0.346	-0.03 (-0.08, 0.03)	-0.001	0.352	-0.034	0.017	0.042	-0.03 (-0.07, -1.27e-03)	-0.016	0.018	0.352	-0.02 (-0.05, 0.02)
P48061	CXCL12	OID20464	192	-0.049	0.014	0.001	-0.05 (-0.08, -0.02)	0.010	1.61E-05	-0.018	0.028	0.528	-0.02 (-0.07, 0.04)	-0.002	0.199	-0.014	0.022	0.515	-0.01 (-0.06, 0.03)	-0.011	0.025	0.669	-0.01 (-0.06, 0.04)
P10586	PTPRF	OID20310	192	-0.059	0.017	0.001	-0.06 (-0.09, -0.02)	0.010	4.51E-24	-0.041	0.034	0.228	-0.04 (-0.11, 0.03)	-0.001	0.540	-0.044	0.023	0.052	-0.04 (-0.09, 4.37e-04)	-0.049	0.021	0.025	-0.05 (-0.09, -0.01)
Q9BXJ1	C1QTNF1	OID20367	192	0.044	0.013	0.001	0.04 (0.02, 0.07)	0.010	0.007	0.021	0.025	0.406	0.02 (-0.03, 0.07)	0.001	0.292	0.055	0.023	0.017	0.06 (0.01, 0.10)	0.035	0.026	0.169	0.04 (-0.01, 0.09)
O15467	CCL16	OID20334	192	0.043	0.013	0.001	0.04 (0.02, 0.07)	0.011	2.33E-13	-0.020	0.025	0.414	-0.02 (-0.07, 0.03)	0.004	0.003	0.025	0.021	0.233	0.03 (-0.02, 0.07)	0.007	0.019	0.717	0.01 (-0.03, 0.04)
P55058	PLTP	OID20238	192	-0.053	0.016	0.001	-0.05 (-0.08, -0.02)	0.011	1.26E-17	0.010	0.030	0.734	0.01 (-0.05, 0.07)	-0.004	0.016	-0.019	0.023	0.395	-0.02 (-0.06, 0.03)	-0.040	0.026	0.117	-0.04 (-0.09, 0.01)
P08603	CFH	OID30790	192	0.052	0.016	0.001	0.05 (0.02, 0.08)	0.011	4.88E-11	-0.037	0.029	0.214	-0.04 (-0.09, 0.02)	0.006	0.001	0.019	0.024	0.411	0.02 (-0.03, 0.07)	0.021	0.022	0.324	0.02 (-0.02, 0.06)
Q6PCB0	VWA1	OID21421	192	0.050	0.015	0.001	0.05 (0.02, 0.08)	0.011	3.54E-09	0.018	0.029	0.541	0.02 (-0.04, 0.07)	0.002	0.195	0.004	0.020	0.833	4.30e-03 (-0.04, 0.04)	0.014	0.023	0.555	0.01 (-0.03, 0.06)
Q9NZK5	ADA2	OID20394	192	0.047	0.014	0.001	0.05 (0.02, 0.08)	0.011	2.16E-07	0.023	0.028	0.400	0.02 (-0.03, 0.08)	0.002	0.307	0.011	0.020	0.582	0.01 (-0.03, 0.05)	0.020	0.024	0.405	0.02 (-0.03, 0.07)
Q93033	CD101	OID31480	192	0.057	0.017	0.001	0.06 (0.02, 0.09)	0.011	1.34E-57	0.038	0.033	0.256	0.04 (-0.03, 0.10)	0.001	0.500	0.036	0.019	0.050	0.04 (5.18e-05, 0.07)	0.033	0.019	0.078	0.03 (-3.59e-03, 0.07)
P43121	MCAM	OID20343	192	-0.051	0.015	0.001	-0.05 (-0.08, -0.02)	0.011	3.12E-13	-0.018	0.030	0.539	-0.02 (-0.08, 0.04)	-0.002	0.202	-0.033	0.021	0.111	-0.03 (-0.07, 0.01)	-0.023	0.023	0.318	-0.02 (-0.07, 0.02)
O43663	PRC1	OID31345	192	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.011	0.566	0.066	0.023	0.005	0.07 (0.02, 0.11)	-0.002	0.191	0.022	0.024	0.358	0.02 (-0.02, 0.07)	0.022	0.024	0.358	0.02 (-0.02, 0.07)
P08579	SNRPB2	OID31132	192	0.038	0.012	0.001	0.04 (0.02, 0.06)	0.011	0.673	0.023	0.022	0.305	0.02 (-0.02, 0.07)	0.001	0.428	0.021	0.020	0.300	0.02 (-0.02, 0.06)	0.023	0.024	0.332	0.02 (-0.02, 0.07)
Q13428	TCOF1	OID30316	192	0.042	0.013	0.001	0.04 (0.02, 0.07)	0.012	0.024	0.002	0.025	0.941	1.84e-03 (-0.05, 0.05)	0.003	0.057	0.010	0.018	0.587	0.01 (-0.03, 0.05)	0.001	0.023	0.970	8.89e-04 (-0.04, 0.05)
Q06033	ITIH3	OID20352	192	-0.046	0.014	0.001	-0.05 (-0.07, -0.02)	0.012	6.88E-10	-0.015	0.027	0.592	-0.01 (-0.07, 0.04)	-0.002	0.174	-0.022	0.023	0.341	-0.02 (-0.07, 0.02)	-0.012	0.023	0.610	-0.01 (-0.06, 0.03)
Q8NFP4	MDGA1	OID20951	192	0.025	0.008	0.001	0.02 (0.01, 0.04)	0.012	0.170	0.019	0.015	0.221	0.02 (-0.01, 0.05)	0.000	0.645	0.025	0.016	0.124	0.02 (-0.01, 0.06)	0.022	0.016	0.160	0.02 (-0.01, 0.05)
P04626	ERBB2	OID21520	192	0.053	0.016	0.001	0.05 (0.02, 0.08)	0.012	2.76E-18	0.015	0.031	0.636	0.01 (-0.05, 0.08)	0.002	0.154	0.019	0.022	0.399	0.02 (-0.02, 0.06)	0.018	0.022	0.402	0.02 (-0.02, 0.06)
P33241	LSP1	OID20530	192	0.037	0.011	0.001	0.04 (0.02, 0.06)	0.012	0.054	0.013	0.024	0.595	0.01 (-0.03, 0.06)	0.002	0.228	0.020	0.023	0.368	0.02 (-0.02, 0.06)	0.038	0.023	0.095	0.04 (-0.01, 0.08)
Q9Y646	CPQ	OID30406	192	0.064	0.020	0.001	0.06 (0.03, 0.10)	0.013	8.40E-53	0.084	0.038	0.028	0.08 (0.01, 0.16)	-0.001	0.543	0.039	0.023	0.094	0.04 (-0.01, 0.08)	0.043	0.022	0.052	0.04 (-1.65e-05, 0.09)
P15289	ARSA	OID21138	192	0.057	0.018	0.001	0.06 (0.02, 0.09)	0.014	1.41E-39	0.047	0.034	0.171	0.05 (-0.02, 0.11)	0.001	0.726	0.019	0.021	0.370	0.02 (-0.02, 0.06)	0.022	0.022	0.306	0.02 (-0.02, 0.07)
O75146	HIP1R	OID31141	192	0.045	0.014	0.001	0.04 (0.02, 0.07)	0.014	6.86E-05	0.009	0.027	0.742	0.01 (-0.04, 0.06)	0.002	0.115	0.026	0.024	0.276	0.03 (-0.02, 0.07)	0.017	0.024	0.478	0.02 (-0.03, 0.06)
P29377	S100G	OID31051	192	-0.038	0.012	0.001	-0.04 (-0.06, -0.02)	0.014	0.248	-0.033	0.024	0.159	-0.03 (-0.08, 0.01)	0.000	0.811	-0.066	0.022	0.003	-0.07 (-0.11, -0.02)	-0.063	0.025	0.015	-0.06 (-0.11, -0.01)
Q92823	NRCAM	OID20229	192	0.053	0.016	0.001	0.05 (0.02, 0.09)	0.014	5.35E-16	0.071	0.032	0.027	0.07 (0.01, 0.13)	-0.001	0.517	0.061	0.025	0.014	0.06 (0.01, 0.11)	0.059	0.022	0.008	0.06 (0.02, 0.10)
P30838	ALDH3A1	OID20512	192	0.042	0.013	0.001	0.04 (0.02, 0.07)	0.014	1.71E-05	0.033	0.025	0.200	0.03 (-0.02, 0.08)	0.001	0.656	0.035	0.024	0.147	0.03 (-0.01, 0.08)	0.034	0.027	0.211	0.03 (-0.02, 0.09)
Q6UWV6	ENPP7	OID20689	192	0.040	0.012	0.001	0.04 (0.02, 0.06)	0.015	1.06E-11	0.008	0.024	0.739	0.01 (-0.04, 0.05)	0.002	0.119	0.039	0.020	0.049	0.04 (1.66e-04, 0.08)	0.031	0.018	0.097	0.03 (-0.01, 0.07)
Q92832	NELL1	OID21494	192	-0.045	0.014	0.001	-0.04 (-0.07, -0.02)	0.015	7.95E-07	-0.028	0.027	0.296	-0.03 (-0.08, 0.02)	-0.001	0.476	-0.014	0.019	0.470	-0.01 (-0.05, 0.02)	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)
P00740	F9	OID20349	192	0.045	0.014	0.001	0.05 (0.02, 0.07)	0.015	3.33E-05	-0.024	0.027	0.365	-0.02 (-0.08, 0.03)	0.004	0.003	0.038	0.024	0.112	0.04 (-0.01, 0.09)	0.021	0.024	0.377	0.02 (-0.03, 0.07)
P25445	FAS	OID20316	192	0.045	0.014	0.001	0.05 (0.02, 0.07)	0.015	1.47E-09	-0.013	0.027	0.630	-0.01 (-0.07, 0.04)	0.004	0.013	0.014	0.022	0.515	0.01 (-0.03, 0.06)	0.014	0.022	0.542	0.01 (-0.03, 0.06)
Q14210	LY6D	OID20708	192	-0.040	0.013	0.001	-0.04 (-0.06, -0.02)	0.016	0.004	-0.056	0.024	0.023	-0.06 (-0.10, -0.01)	0.001	0.454	-0.054	0.021	0.010	-0.05 (-0.09, -0.01)	-0.054	0.022	0.014	-0.05 (-0.10, -0.01)
Q6ZMJ2	SCARA5	OID21058	192	0.053	0.017	0.001	0.05 (0.02, 0.09)	0.016	6.17E-26	0.020	0.032	0.532	0.02 (-0.04, 0.08)	0.002	0.231	0.020	0.022	0.363	0.02 (-0.02, 0.06)	0.024	0.022	0.287	0.02 (-0.02, 0.07)
P98161	PKD1	OID30328	192	0.041	0.013	0.001	0.04 (0.02, 0.07)	0.016	8.38E-05	0.039	0.025	0.118	0.04 (-0.01, 0.09)	0.000	0.930	0.024	0.023	0.295	0.02 (-0.02, 0.07)	0.022	0.023	0.352	0.02 (-0.02, 0.07)
B2RUY7	VWC2L	OID31002	192	-0.048	0.015	0.001	-0.05 (-0.08, -0.02)	0.016	3.77E-09	0.016	0.029	0.584	0.02 (-0.04, 0.07)	-0.004	0.010	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)	-0.041	0.025	0.094	-0.04 (-0.09, 0.01)
Q9P0V8	SLAMF8	OID21214	192	0.038	0.012	0.001	0.04 (0.01, 0.06)	0.016	0.030	0.001	0.023	0.965	1.02e-03 (-0.04, 0.05)	0.002	0.061	0.011	0.023	0.641	0.01 (-0.03, 0.06)	0.007	0.025	0.784	0.01 (-0.04, 0.06)
P06396	GSN	OID30714	192	-0.052	0.016	0.001	-0.05 (-0.08, -0.02)	0.017	3.27E-14	-0.063	0.032	0.049	-0.06 (-0.13, -6.60e-04)	0.001	0.688	-0.074	0.025	0.003	-0.07 (-0.12, -0.03)	-0.063	0.024	0.009	-0.06 (-0.11, -0.02)
P01178	OXT	OID21047	192	0.045	0.014	0.001	0.05 (0.02, 0.07)	0.017	2.93E-09	-0.009	0.027	0.755	-0.01 (-0.06, 0.04)	0.003	0.022	0.031	0.024	0.204	0.03 (-0.02, 0.08)	0.015	0.024	0.527	0.02 (-0.03, 0.06)
Q16719	KYNU	OID20669	192	0.056	0.018	0.002	0.06 (0.02, 0.09)	0.017	3.91E-25	0.025	0.034	0.460	0.03 (-0.04, 0.09)	0.002	0.295	0.023	0.024	0.353	0.02 (-0.03, 0.07)	0.013	0.024	0.600	0.01 (-0.03, 0.06)
O60575	SPINK4	OID20509	192	0.036	0.011	0.001	0.04 (0.01, 0.06)	0.017	4.41E-04	0.034	0.022	0.121	0.03 (-0.01, 0.08)	0.000	0.927	0.011	0.017	0.514	0.01 (-0.02, 0.04)	0.020	0.019	0.300	0.02 (-0.02, 0.06)
Q9GZV9	FGF23	OID21411	192	0.054	0.017	0.002	0.05 (0.02, 0.09)	0.017	9.10E-18	0.011	0.033	0.731	0.01 (-0.05, 0.08)	0.003	0.133	0.015	0.022	0.497	0.02 (-0.03, 0.06)	0.024	0.025	0.333	0.02 (-0.02, 0.07)
Q86WD7	SERPINA9	OID21284	192	0.038	0.012	0.002	0.04 (0.01, 0.06)	0.017	0.001	0.021	0.023	0.372	0.02 (-0.02, 0.07)	0.001	0.390	0.040	0.022	0.066	0.04 (-2.67e-03, 0.08)	0.032	0.021	0.122	0.03 (-0.01, 0.07)
Q04721	NOTCH2	OID30407	192	-0.050	0.016	0.002	-0.05 (-0.08, -0.02)	0.018	1.13E-17	-0.050	0.030	0.104	-0.05 (-0.11, 0.01)	0.000	0.997	-0.042	0.023	0.068	-0.04 (-0.09, 3.13e-03)	-0.036	0.021	0.093	-0.04 (-0.08, 0.01)
P05452	CLEC3B	OID30756	192	-0.043	0.014	0.002	-0.04 (-0.07, -0.02)	0.018	1.07E-04	-0.060	0.027	0.026	-0.06 (-0.11, -0.01)	0.001	0.469	-0.022	0.022	0.321	-0.02 (-0.07, 0.02)	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)
P20916	MAG	OID30967	192	-0.038	0.012	0.002	-0.04 (-0.06, -0.01)	0.018	0.256	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)	0.002	0.145	-0.060	0.025	0.017	-0.06 (-0.11, -0.01)	-0.049	0.027	0.078	-0.05 (-0.10, 0.01)
P06850	CRH	OID21257	192	-0.050	0.016	0.002	-0.05 (-0.08, -0.02)	0.019	1.37E-14	0.006	0.031	0.851	0.01 (-0.05, 0.07)	-0.004	0.034	-0.022	0.023	0.346	-0.02 (-0.07, 0.02)	-0.028	0.023	0.224	-0.03 (-0.07, 0.02)
P55291	CDH15	OID21005	192	0.039	0.012	0.002	0.04 (0.01, 0.06)	0.019	1.20E-08	-0.002	0.024	0.925	-2.25e-03 (-0.05, 0.04)	0.003	0.045	-0.006	0.018	0.732	-0.01 (-0.04, 0.03)	-0.005	0.020	0.817	-4.67e-03 (-0.04, 0.03)
Q9UKJ1	PILRA	OID21129	192	0.032	0.010	0.002	0.03 (0.01, 0.05)	0.020	0.001	0.012	0.020	0.543	0.01 (-0.03, 0.05)	0.001	0.239	0.022	0.019	0.241	0.02 (-0.01, 0.06)	0.026	0.017	0.127	0.03 (-0.01, 0.06)
P25815	S100P	OID20103	192	0.036	0.012	0.002	0.04 (0.01, 0.06)	0.020	0.082	-0.015	0.024	0.538	-0.01 (-0.06, 0.03)	0.003	0.013	0.010	0.020	0.606	0.01 (-0.03, 0.05)	0.020	0.027	0.464	0.02 (-0.03, 0.07)
Q7Z5L0	VMO1	OID21381	45	0.060	0.019	0.002	0.06 (0.02, 0.10)	0.020	0.003	0.030	0.029	0.305	0.03 (-0.03, 0.09)	0.003	0.186	0.021	0.022	0.346	0.02 (-0.02, 0.06)	0.025	0.022	0.257	0.03 (-0.02, 0.07)
P56159	GFRA1	OID21457	192	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.020	0.005	-0.009	0.024	0.716	-0.01 (-0.06, 0.04)	0.003	0.022	-0.001	0.021	0.975	-6.57e-04 (-0.04, 0.04)	-0.002	0.024	0.919	-2.45e-03 (-0.05, 0.04)
Q9BX66	SORBS1	OID30978	192	0.045	0.014	0.002	0.04 (0.02, 0.07)	0.020	5.61E-06	-0.021	0.027	0.441	-0.02 (-0.07, 0.03)	0.004	0.006	0.011	0.023	0.631	0.01 (-0.03, 0.06)	0.011	0.023	0.629	0.01 (-0.03, 0.06)
P30039	PBLD	OID20839	192	0.048	0.015	0.002	0.05 (0.02, 0.08)	0.020	6.04E-12	0.011	0.030	0.712	0.01 (-0.05, 0.07)	0.002	0.160	0.029	0.023	0.210	0.03 (-0.02, 0.08)	0.038	0.022	0.092	0.04 (-0.01, 0.08)
Q8N6C8	LILRA3	OID30376	192	0.025	0.008	0.002	0.03 (0.01, 0.04)	0.021	0.019	0.007	0.016	0.641	0.01 (-0.02, 0.04)	0.001	0.184	0.011	0.013	0.388	0.01 (-0.01, 0.04)	0.005	0.015	0.749	4.75e-03 (-0.02, 0.03)
Q7Z5R6	APBB1IP	OID21359	192	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.021	0.045	0.013	0.024	0.607	0.01 (-0.04, 0.06)	0.002	0.208	0.030	0.024	0.206	0.03 (-0.02, 0.08)	0.036	0.022	0.108	0.04 (-0.01, 0.08)
Q9UHX3	ADGRE2	OID20755	192	0.042	0.014	0.002	0.04 (0.02, 0.07)	0.022	3.89E-06	0.049	0.026	0.069	0.05 (-3.43e-03, 0.10)	0.000	0.776	0.035	0.025	0.170	0.03 (-0.01, 0.08)	0.051	0.026	0.054	0.05 (-5.13e-04, 0.10)
Q9H5V8	CDCP1	OID20940	192	0.039	0.013	0.002	0.04 (0.01, 0.06)	0.022	9.14E-07	0.029	0.024	0.231	0.03 (-0.02, 0.08)	0.001	0.652	0.030	0.021	0.155	0.03 (-0.01, 0.07)	0.018	0.022	0.411	0.02 (-0.02, 0.06)
Q9BU40	CHRDL1	OID20771	192	-0.041	0.013	0.002	-0.04 (-0.07, -0.02)	0.022	1.16E-07	-0.060	0.026	0.021	-0.06 (-0.11, -0.01)	0.001	0.395	-0.037	0.022	0.087	-0.04 (-0.08, 0.01)	-0.050	0.020	0.016	-0.05 (-0.09, -0.01)
P07492	GRP	OID30264	192	-0.049	0.016	0.002	-0.05 (-0.08, -0.02)	0.022	4.78E-13	-0.058	0.031	0.060	-0.06 (-0.12, 2.18e-03)	0.001	0.719	-0.044	0.020	0.028	-0.04 (-0.08, -4.87e-03)	-0.059	0.026	0.023	-0.06 (-0.11, -0.01)
Q15155	NOMO1	OID21106	192	0.046	0.015	0.002	0.05 (0.02, 0.08)	0.022	2.04E-12	-0.006	0.029	0.845	-0.01 (-0.06, 0.05)	0.003	0.037	0.014	0.021	0.486	0.01 (-0.03, 0.05)	0.017	0.021	0.424	0.02 (-0.02, 0.06)
Q96PL1	SCGB3A2	OID20723	192	-0.051	0.017	0.002	-0.05 (-0.08, -0.02)	0.022	1.76E-17	-0.027	0.032	0.405	-0.03 (-0.09, 0.04)	-0.002	0.383	-0.030	0.024	0.204	-0.03 (-0.08, 0.02)	-0.038	0.023	0.099	-0.04 (-0.08, 0.01)
P29017	CD1C	OID21483	192	-0.039	0.013	0.002	-0.04 (-0.06, -0.01)	0.024	0.002	-0.007	0.025	0.778	-0.01 (-0.06, 0.04)	-0.002	0.132	-0.015	0.024	0.524	-0.02 (-0.06, 0.03)	-0.015	0.024	0.538	-0.02 (-0.06, 0.03)
P78333	GPC5	OID20944	192	-0.037	0.012	0.002	-0.04 (-0.06, -0.01)	0.025	1.42E-06	-0.029	0.023	0.220	-0.03 (-0.07, 0.02)	-0.001	0.693	-0.011	0.016	0.482	-0.01 (-0.04, 0.02)	0.001	0.021	0.945	1.47e-03 (-0.04, 0.04)
Q6NUJ1	PSAPL1	OID31473	192	-0.046	0.015	0.002	-0.05 (-0.08, -0.02)	0.025	1.04E-18	-0.034	0.029	0.246	-0.03 (-0.09, 0.02)	-0.001	0.637	-0.010	0.019	0.594	-0.01 (-0.05, 0.03)	-0.023	0.023	0.321	-0.02 (-0.07, 0.02)
P16562	CRISP2	OID21456	192	-0.033	0.011	0.002	-0.03 (-0.06, -0.01)	0.025	1.00E-08	0.010	0.021	0.619	0.01 (-0.03, 0.05)	-0.003	0.016	-0.004	0.015	0.810	-3.50e-03 (-0.03, 0.03)	0.004	0.017	0.797	4.47e-03 (-0.03, 0.04)
P13284	IFI30	OID31505	192	0.041	0.014	0.002	0.04 (0.01, 0.07)	0.025	6.33E-07	-0.007	0.026	0.777	-0.01 (-0.06, 0.04)	0.003	0.031	0.020	0.018	0.262	0.02 (-0.01, 0.05)	0.013	0.023	0.551	0.01 (-0.03, 0.06)
P27930	IL1R2	OID20757	192	0.046	0.015	0.002	0.05 (0.02, 0.08)	0.025	2.56E-14	0.045	0.029	0.129	0.04 (-0.01, 0.10)	0.000	0.970	0.038	0.024	0.107	0.04 (-0.01, 0.09)	0.032	0.023	0.167	0.03 (-0.01, 0.08)
Q8WUY3	PRUNE2	OID31270	192	0.036	0.012	0.002	0.04 (0.01, 0.06)	0.025	0.104	0.021	0.025	0.389	0.02 (-0.03, 0.07)	0.001	0.482	0.005	0.022	0.831	4.79e-03 (-0.04, 0.05)	0.011	0.024	0.644	0.01 (-0.04, 0.06)
P52823	STC1	OID21014	192	0.041	0.014	0.003	0.04 (0.01, 0.07)	0.025	2.10E-04	-0.035	0.025	0.167	-0.04 (-0.09, 0.01)	0.005	0.001	0.005	0.023	0.827	0.01 (-0.04, 0.05)	0.005	0.022	0.828	4.69e-03 (-0.04, 0.05)
Q9UQB8	BAIAP2	OID21250	192	0.045	0.015	0.003	0.05 (0.02, 0.07)	0.026	3.00E-07	-0.017	0.029	0.560	-0.02 (-0.07, 0.04)	0.004	0.012	0.016	0.024	0.523	0.02 (-0.03, 0.06)	0.009	0.024	0.697	0.01 (-0.04, 0.06)
Q9UFP1	GASK1A	OID30109	192	0.034	0.011	0.003	0.03 (0.01, 0.06)	0.027	0.007	0.000	0.022	0.994	-1.51e-04 (-0.04, 0.04)	0.002	0.067	0.036	0.021	0.090	0.04 (-0.01, 0.08)	0.019	0.019	0.317	0.02 (-0.02, 0.06)
P48023	FASLG	OID20665	107	-0.065	0.022	0.003	-0.07 (-0.11, -0.02)	0.027	1.85E-14	-0.038	0.039	0.330	-0.04 (-0.11, 0.04)	-0.002	0.401	-0.043	0.025	0.088	-0.04 (-0.09, 0.01)	-0.049	0.025	0.056	-0.05 (-0.10, 5.97e-04)
P06727	APOA4	OID30733	192	0.044	0.015	0.003	0.04 (0.02, 0.07)	0.027	1.24E-07	0.025	0.029	0.379	0.03 (-0.03, 0.08)	0.001	0.438	0.034	0.026	0.199	0.03 (-0.02, 0.08)	0.034	0.024	0.154	0.03 (-0.01, 0.08)
P04746	AMY2A	OID20333	192	-0.059	0.020	0.003	-0.06 (-0.10, -0.02)	0.028	6.08E-43	0.010	0.038	0.799	0.01 (-0.06, 0.08)	-0.004	0.035	-0.008	0.019	0.686	-0.01 (-0.05, 0.03)	0.003	0.023	0.899	2.99e-03 (-0.04, 0.05)
Q9NYZ4	SIGLEC8	OID30261	192	0.043	0.014	0.003	0.04 (0.01, 0.07)	0.028	1.43E-12	-0.012	0.028	0.659	-0.01 (-0.07, 0.04)	0.004	0.020	0.016	0.019	0.377	0.02 (-0.02, 0.05)	0.013	0.021	0.546	0.01 (-0.03, 0.05)
P00966	ASS1	OID30170	192	0.058	0.019	0.003	0.06 (0.02, 0.10)	0.028	7.61E-37	0.032	0.038	0.393	0.03 (-0.04, 0.11)	0.002	0.426	0.052	0.020	0.008	0.05 (0.01, 0.09)	0.053	0.024	0.028	0.05 (0.01, 0.10)
Q9HBG7	LY9	OID20670	192	0.040	0.014	0.003	0.04 (0.01, 0.07)	0.029	3.46E-06	0.019	0.026	0.475	0.02 (-0.03, 0.07)	0.001	0.338	0.038	0.017	0.025	0.04 (4.82e-03, 0.07)	0.006	0.025	0.814	0.01 (-0.04, 0.05)
Q9Y4L1	HYOU1	OID20300	192	-0.042	0.014	0.003	-0.04 (-0.07, -0.01)	0.029	2.65E-06	-0.071	0.028	0.011	-0.07 (-0.13, -0.02)	0.002	0.223	-0.018	0.023	0.442	-0.02 (-0.06, 0.03)	-0.027	0.027	0.303	-0.03 (-0.08, 0.02)
P19961	AMY2B	OID20340	192	-0.060	0.020	0.003	-0.06 (-0.10, -0.02)	0.029	4.52E-44	0.015	0.039	0.702	0.01 (-0.06, 0.09)	-0.005	0.025	-0.033	0.019	0.088	-0.03 (-0.07, 4.96e-03)	-0.011	0.022	0.619	-0.01 (-0.05, 0.03)
Q9GZT9	EGLN1	OID20572	192	0.039	0.013	0.003	0.04 (0.01, 0.06)	0.029	0.001	0.024	0.026	0.355	0.02 (-0.03, 0.07)	0.001	0.484	0.020	0.023	0.392	0.02 (-0.03, 0.07)	0.026	0.022	0.227	0.03 (-0.02, 0.07)
Q15599	SLC9A3R2	OID31445	192	0.045	0.015	0.003	0.05 (0.02, 0.08)	0.030	1.63E-09	0.008	0.030	0.780	0.01 (-0.05, 0.07)	0.002	0.146	0.002	0.020	0.924	1.91e-03 (-0.04, 0.04)	-0.002	0.024	0.943	-1.68e-03 (-0.05, 0.04)
P20701	ITGAL	OID30537	192	0.042	0.014	0.003	0.04 (0.01, 0.07)	0.030	2.12E-05	0.004	0.028	0.888	3.88e-03 (-0.05, 0.06)	0.002	0.106	0.017	0.023	0.461	0.02 (-0.03, 0.06)	0.035	0.025	0.157	0.04 (-0.01, 0.08)
P00797	REN	OID20201	192	0.038	0.013	0.003	0.04 (0.01, 0.06)	0.031	0.001	0.020	0.025	0.435	0.02 (-0.03, 0.07)	0.001	0.390	0.041	0.024	0.093	0.04 (-0.01, 0.09)	0.042	0.022	0.063	0.04 (-1.97e-03, 0.09)
P07333	CSF1R	OID30681	192	0.050	0.017	0.003	0.05 (0.02, 0.08)	0.032	5.61E-22	-0.015	0.032	0.650	-0.01 (-0.08, 0.05)	0.004	0.021	-0.006	0.019	0.769	-0.01 (-0.04, 0.03)	-0.029	0.022	0.181	-0.03 (-0.07, 0.01)
P07359	GP1BA	OID20381	192	-0.044	0.015	0.003	-0.04 (-0.07, -0.01)	0.032	3.51E-08	-0.064	0.029	0.028	-0.06 (-0.12, -0.01)	0.001	0.418	-0.016	0.023	0.477	-0.02 (-0.06, 0.03)	-0.023	0.028	0.425	-0.02 (-0.08, 0.03)
Q16363	LAMA4	OID20769	192	-0.044	0.015	0.003	-0.04 (-0.07, -0.01)	0.033	3.27E-08	-0.065	0.029	0.025	-0.07 (-0.12, -0.01)	0.001	0.378	-0.046	0.025	0.067	-0.05 (-0.09, 3.23e-03)	-0.061	0.024	0.012	-0.06 (-0.11, -0.01)
O95498	VNN2	OID21310	192	0.033	0.011	0.003	0.03 (0.01, 0.05)	0.033	0.020	0.025	0.022	0.251	0.03 (-0.02, 0.07)	0.000	0.679	0.034	0.021	0.118	0.03 (-0.01, 0.08)	0.042	0.021	0.046	0.04 (1.09e-03, 0.08)
P04054	PLA2G1B	OID20252	192	-0.066	0.023	0.004	-0.07 (-0.11, -0.02)	0.034	4.31E-69	0.057	0.043	0.188	0.06 (-0.03, 0.14)	-0.008	0.001	-0.005	0.021	0.799	-0.01 (-0.05, 0.04)	-0.012	0.023	0.595	-0.01 (-0.06, 0.03)
Q14773	ICAM4	OID20578	192	-0.062	0.021	0.004	-0.06 (-0.10, -0.02)	0.034	6.27E-86	0.009	0.041	0.820	0.01 (-0.07, 0.09)	-0.005	0.043	-0.030	0.021	0.164	-0.03 (-0.07, 0.01)	-0.037	0.021	0.075	-0.04 (-0.08, 3.45e-03)
P09668	CTSH	OID20113	192	0.030	0.010	0.004	0.03 (0.01, 0.05)	0.034	1.71E-11	0.004	0.020	0.846	3.81e-03 (-0.03, 0.04)	0.002	0.124	0.019	0.013	0.145	0.02 (-0.01, 0.04)	0.012	0.015	0.433	0.01 (-0.02, 0.04)
Q9NZS2	KLRF1	OID30464	192	0.037	0.013	0.004	0.04 (0.01, 0.06)	0.034	0.004	0.032	0.025	0.202	0.03 (-0.02, 0.08)	0.000	0.802	-0.001	0.020	0.977	-5.60e-04 (-0.04, 0.04)	0.006	0.025	0.808	0.01 (-0.04, 0.05)
O95777	LSM8	OID31269	192	0.035	0.012	0.004	0.03 (0.01, 0.06)	0.035	0.387	0.062	0.023	0.009	0.06 (0.02, 0.11)	-0.002	0.177	0.056	0.022	0.011	0.06 (0.01, 0.10)	0.059	0.023	0.013	0.06 (0.01, 0.11)
Q9HBB8	CDHR5	OID20193	192	0.042	0.014	0.004	0.04 (0.01, 0.07)	0.035	7.22E-12	-0.019	0.027	0.478	-0.02 (-0.07, 0.03)	0.004	0.010	0.021	0.022	0.351	0.02 (-0.02, 0.06)	0.003	0.024	0.907	2.82e-03 (-0.04, 0.05)
P49366	DHPS	OID31357	192	0.040	0.014	0.004	0.04 (0.01, 0.07)	0.035	4.31E-04	0.000	0.027	0.998	-8.06e-05 (-0.05, 0.05)	0.003	0.080	0.017	0.022	0.460	0.02 (-0.03, 0.06)	0.024	0.023	0.293	0.02 (-0.02, 0.07)
Q9UM47	NOTCH3	OID20253	192	-0.047	0.016	0.004	-0.05 (-0.08, -0.02)	0.035	3.11E-20	-0.048	0.032	0.136	-0.05 (-0.11, 0.01)	0.000	0.993	-0.057	0.023	0.012	-0.06 (-0.10, -0.01)	-0.051	0.022	0.022	-0.05 (-0.09, -0.01)
Q9UGM5	FETUB	OID20404	192	0.042	0.015	0.004	0.04 (0.01, 0.07)	0.035	1.08E-09	0.023	0.028	0.409	0.02 (-0.03, 0.08)	0.001	0.438	0.047	0.023	0.042	0.05 (1.62e-03, 0.09)	0.032	0.024	0.183	0.03 (-0.01, 0.08)
P51888	PRELP	OID20766	192	-0.038	0.013	0.004	-0.04 (-0.06, -0.01)	0.037	8.59E-07	-0.062	0.026	0.016	-0.06 (-0.11, -0.01)	0.002	0.278	-0.049	0.023	0.032	-0.05 (-0.09, -4.32e-03)	-0.059	0.021	0.004	-0.06 (-0.10, -0.02)
Q86SJ6	DSG4	OID21325	192	-0.043	0.015	0.004	-0.04 (-0.07, -0.01)	0.037	1.11E-09	-0.019	0.029	0.510	-0.02 (-0.08, 0.04)	-0.002	0.338	-0.005	0.021	0.820	-4.80e-03 (-0.05, 0.04)	-0.006	0.025	0.823	-0.01 (-0.05, 0.04)
P40225	THPO	OID20098	192	-0.043	0.015	0.004	-0.04 (-0.07, -0.01)	0.039	1.81E-07	-0.036	0.029	0.221	-0.04 (-0.09, 0.02)	0.000	0.777	-0.027	0.025	0.278	-0.03 (-0.07, 0.02)	-0.028	0.024	0.253	-0.03 (-0.08, 0.02)
P32320	CDA	OID30345	192	0.036	0.013	0.004	0.04 (0.01, 0.06)	0.040	3.72E-04	-0.024	0.024	0.321	-0.02 (-0.07, 0.02)	0.004	0.004	-0.019	0.019	0.303	-0.02 (-0.06, 0.02)	-0.022	0.022	0.330	-0.02 (-0.07, 0.02)
Q16625	OCLN	OID31069	192	0.041	0.014	0.004	0.04 (0.01, 0.07)	0.040	7.16E-07	0.004	0.028	0.878	4.24e-03 (-0.05, 0.06)	0.002	0.124	0.017	0.024	0.475	0.02 (-0.03, 0.06)	0.002	0.023	0.937	1.80e-03 (-0.04, 0.05)
P02766	TTR	OID30782	106	0.053	0.019	0.005	0.05 (0.02, 0.09)	0.042	6.10E-05	0.048	0.033	0.147	0.05 (-0.02, 0.11)	0.000	0.866	0.069	0.026	0.008	0.07 (0.02, 0.12)	0.065	0.026	0.013	0.07 (0.01, 0.12)
Q6UWP8	SBSN	OID30398	192	-0.035	0.012	0.005	-0.03 (-0.06, -0.01)	0.042	0.010	-0.048	0.024	0.046	-0.05 (-0.09, -1.22e-03)	0.001	0.521	-0.038	0.022	0.083	-0.04 (-0.08, 4.95e-03)	-0.023	0.022	0.277	-0.02 (-0.07, 0.02)
Q5VV43	KIAA0319	OID31094	192	-0.037	0.013	0.005	-0.04 (-0.06, -0.01)	0.042	0.003	0.004	0.025	0.863	4.30e-03 (-0.04, 0.05)	-0.003	0.056	-0.047	0.023	0.038	-0.05 (-0.09, -2.56e-03)	-0.035	0.023	0.125	-0.04 (-0.08, 0.01)
Q9BXD5	NPL	OID30329	192	0.037	0.013	0.005	0.04 (0.01, 0.06)	0.043	8.06E-07	0.011	0.025	0.659	0.01 (-0.04, 0.06)	0.002	0.237	0.014	0.021	0.502	0.01 (-0.03, 0.06)	0.031	0.019	0.114	0.03 (-0.01, 0.07)
Q6WN34	CHRDL2	OID20223	192	0.040	0.014	0.005	0.04 (0.01, 0.07)	0.043	2.08E-07	0.009	0.027	0.732	0.01 (-0.04, 0.06)	0.002	0.194	-0.001	0.022	0.966	-9.19e-04 (-0.04, 0.04)	-0.005	0.021	0.815	-0.01 (-0.05, 0.04)
O00391	QSOX1	OID30729	192	0.035	0.013	0.005	0.04 (0.01, 0.06)	0.044	2.82E-04	-0.006	0.024	0.790	-0.01 (-0.05, 0.04)	0.003	0.044	0.008	0.023	0.721	0.01 (-0.04, 0.05)	0.008	0.021	0.700	0.01 (-0.03, 0.05)
Q9NXV2	KCTD5	OID31148	192	0.036	0.013	0.005	0.04 (0.01, 0.06)	0.044	0.016	-0.001	0.025	0.970	-9.47e-04 (-0.05, 0.05)	0.002	0.082	0.015	0.019	0.427	0.01 (-0.02, 0.05)	-0.003	0.024	0.905	-2.90e-03 (-0.05, 0.04)
P04233	CD74	OID21040	192	0.046	0.016	0.005	0.05 (0.01, 0.08)	0.045	4.44E-19	0.014	0.032	0.647	0.01 (-0.05, 0.08)	0.002	0.249	0.019	0.022	0.397	0.02 (-0.02, 0.06)	0.021	0.021	0.305	0.02 (-0.02, 0.06)
P05164	MPO	OID21100	192	0.039	0.014	0.005	0.04 (0.01, 0.07)	0.045	3.55E-05	-0.016	0.026	0.555	-0.02 (-0.07, 0.04)	0.003	0.017	-0.006	0.021	0.762	-0.01 (-0.05, 0.03)	-0.005	0.024	0.849	-4.65e-03 (-0.05, 0.04)
Q8NHP1	AKR7L	OID30488	79	0.056	0.020	0.005	0.06 (0.02, 0.09)	0.045	0.021	0.018	0.033	0.579	0.02 (-0.05, 0.08)	0.003	0.165	0.030	0.027	0.269	0.03 (-0.02, 0.08)	0.036	0.025	0.154	0.04 (-0.01, 0.08)
Q8NHL6	LILRB1	OID20323	192	0.044	0.016	0.005	0.04 (0.01, 0.08)	0.045	1.61E-30	-0.001	0.031	0.984	-6.06e-04 (-0.06, 0.06)	0.003	0.087	-0.001	0.019	0.939	-1.44e-03 (-0.04, 0.04)	-0.005	0.021	0.818	-4.76e-03 (-0.05, 0.04)
P52798	EFNA4	OID20935	192	0.039	0.014	0.005	0.04 (0.01, 0.07)	0.046	7.95E-05	-0.008	0.027	0.756	-0.01 (-0.06, 0.04)	0.003	0.041	0.000	0.022	0.989	-3.06e-04 (-0.04, 0.04)	0.004	0.019	0.815	4.46e-03 (-0.03, 0.04)
O00584	RNASET2	OID20321	192	0.039	0.014	0.005	0.04 (0.01, 0.07)	0.046	3.58E-08	-0.015	0.027	0.567	-0.02 (-0.07, 0.04)	0.003	0.019	0.022	0.023	0.350	0.02 (-0.02, 0.07)	0.027	0.019	0.162	0.03 (-0.01, 0.07)
Q6UXV0	GFRAL	OID31091	192	-0.039	0.014	0.005	-0.04 (-0.07, -0.01)	0.047	3.31E-09	-0.035	0.027	0.193	-0.04 (-0.09, 0.02)	0.000	0.880	-0.046	0.022	0.038	-0.05 (-0.09, -2.52e-03)	-0.045	0.020	0.027	-0.04 (-0.08, -0.01)
P08648	ITGA5	OID21139	192	0.040	0.014	0.005	0.04 (0.01, 0.07)	0.047	5.16E-07	-0.004	0.028	0.874	-4.36e-03 (-0.06, 0.05)	0.003	0.062	-0.004	0.019	0.852	-3.62e-03 (-0.04, 0.03)	0.002	0.021	0.924	2.04e-03 (-0.04, 0.04)
Q7Z7D3	VTCN1	OID21164	192	0.033	0.012	0.005	0.03 (0.01, 0.06)	0.047	0.540	0.041	0.023	0.082	0.04 (-4.91e-03, 0.09)	0.000	0.716	0.021	0.024	0.382	0.02 (-0.03, 0.07)	0.022	0.023	0.344	0.02 (-0.02, 0.07)
P28906	CD34	OID21025	192	-0.080	0.029	0.005	-0.08 (-0.14, -0.02)	0.047	9.26E-145	-0.034	0.056	0.543	-0.03 (-0.14, 0.08)	-0.003	0.335	-0.024	0.021	0.253	-0.02 (-0.06, 0.02)	-0.041	0.025	0.101	-0.04 (-0.09, 0.01)
P04180	LCAT	OID30677	192	0.042	0.015	0.005	0.04 (0.01, 0.07)	0.047	3.33E-09	-0.034	0.028	0.230	-0.03 (-0.09, 0.02)	0.005	0.002	0.008	0.022	0.706	0.01 (-0.03, 0.05)	0.012	0.021	0.561	0.01 (-0.03, 0.05)
Q13219	PAPPA	OID20421	192	-0.038	0.014	0.006	-0.04 (-0.06, -0.01)	0.047	6.92E-05	-0.038	0.026	0.145	-0.04 (-0.09, 0.01)	0.000	0.967	-0.044	0.023	0.051	-0.04 (-0.09, 1.89e-04)	-0.032	0.025	0.208	-0.03 (-0.08, 0.02)
Q15256	PTPRR	OID31099	192	-0.037	0.013	0.006	-0.04 (-0.06, -0.01)	0.047	0.001	0.006	0.026	0.804	0.01 (-0.04, 0.06)	-0.003	0.050	-0.066	0.021	0.002	-0.07 (-0.11, -0.02)	-0.068	0.024	0.005	-0.07 (-0.12, -0.02)
Q6FHJ7	SFRP4	OID30648	192	0.041	0.015	0.006	0.04 (0.01, 0.07)	0.047	3.78E-08	-0.018	0.028	0.535	-0.02 (-0.07, 0.04)	0.004	0.016	-0.001	0.019	0.943	-1.40e-03 (-0.04, 0.04)	-0.017	0.023	0.454	-0.02 (-0.06, 0.03)
Q96RU2	USP28	OID31084	192	0.033	0.012	0.006	0.03 (0.01, 0.06)	0.047	0.735	0.009	0.023	0.690	0.01 (-0.04, 0.05)	0.001	0.229	-0.005	0.020	0.821	-4.62e-03 (-0.04, 0.04)	-0.012	0.026	0.652	-0.01 (-0.06, 0.04)
Q9Y6X8	ZHX2	OID31140	192	0.036	0.013	0.006	0.04 (0.01, 0.06)	0.047	0.021	0.038	0.025	0.131	0.04 (-0.01, 0.09)	0.000	0.916	0.025	0.019	0.187	0.02 (-0.01, 0.06)	0.018	0.025	0.461	0.02 (-0.03, 0.07)
Q14241	ELOA	OID21337	192	0.032	0.011	0.006	0.03 (0.01, 0.05)	0.047	0.079	0.019	0.024	0.426	0.02 (-0.03, 0.07)	0.001	0.533	0.002	0.019	0.928	1.75e-03 (-0.04, 0.04)	0.008	0.023	0.746	0.01 (-0.04, 0.05)
Q86SF2	GALNT7	OID21377	192	0.036	0.013	0.006	0.04 (0.01, 0.06)	0.050	0.012	0.035	0.025	0.167	0.04 (-0.01, 0.08)	0.000	0.969	0.023	0.024	0.337	0.02 (-0.02, 0.07)	0.027	0.023	0.239	0.03 (-0.02, 0.07)
P02652	APOA2	OID30686	192	-0.052	0.019	0.006	-0.05 (-0.09, -0.01)	0.052	1.79E-34	-0.025	0.037	0.505	-0.02 (-0.10, 0.05)	-0.002	0.385	-0.036	0.025	0.150	-0.04 (-0.08, 0.01)	-0.044	0.025	0.081	-0.04 (-0.09, 0.01)
Q01151	CD83	OID20565	192	0.035	0.013	0.006	0.04 (0.01, 0.06)	0.053	0.006	0.024	0.025	0.344	0.02 (-0.03, 0.07)	0.001	0.592	0.023	0.024	0.331	0.02 (-0.02, 0.07)	0.025	0.022	0.241	0.03 (-0.02, 0.07)
O60279	SUSD5	OID30650	192	-0.033	0.012	0.006	-0.03 (-0.06, -0.01)	0.053	1.18E-06	-0.043	0.024	0.067	-0.04 (-0.09, 2.72e-03)	0.001	0.615	-0.053	0.017	0.002	-0.05 (-0.09, -0.02)	-0.053	0.018	0.005	-0.05 (-0.09, -0.02)
P52943	CRIP2	OID20901	192	0.042	0.015	0.006	0.04 (0.01, 0.07)	0.053	8.34E-13	-0.023	0.029	0.444	-0.02 (-0.08, 0.04)	0.004	0.011	-0.005	0.020	0.791	-0.01 (-0.04, 0.03)	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)
O14773	TPP1	OID20750	192	0.047	0.017	0.006	0.05 (0.01, 0.08)	0.053	7.76E-20	0.024	0.033	0.481	0.02 (-0.04, 0.09)	0.001	0.413	0.042	0.024	0.085	0.04 (-0.01, 0.09)	0.051	0.023	0.025	0.05 (0.01, 0.10)
P01130	LDLR	OID20240	192	0.049	0.018	0.006	0.05 (0.01, 0.08)	0.053	2.03E-27	-0.017	0.034	0.613	-0.02 (-0.08, 0.05)	0.004	0.026	0.038	0.023	0.103	0.04 (-0.01, 0.08)	0.029	0.023	0.215	0.03 (-0.02, 0.07)
Q8IXS6	PALM2AKAP2	OID31096	192	0.043	0.016	0.006	0.04 (0.01, 0.07)	0.053	2.22E-14	-0.043	0.030	0.147	-0.04 (-0.10, 0.02)	0.005	0.001	-0.010	0.022	0.660	-0.01 (-0.05, 0.03)	-0.008	0.024	0.724	-0.01 (-0.06, 0.04)
Q9Y3P8	SIT1	OID20462	192	0.039	0.014	0.006	0.04 (0.01, 0.07)	0.053	3.37E-05	0.047	0.028	0.090	0.05 (-0.01, 0.10)	-0.001	0.723	0.049	0.024	0.042	0.05 (1.78e-03, 0.10)	0.042	0.025	0.094	0.04 (-0.01, 0.09)
O94986	CEP152	OID31249	192	0.033	0.012	0.007	0.03 (0.01, 0.06)	0.056	0.296	0.005	0.024	0.833	0.01 (-0.04, 0.05)	0.002	0.179	0.006	0.023	0.791	0.01 (-0.04, 0.05)	-0.001	0.026	0.956	-1.42e-03 (-0.05, 0.05)
P13686	ACP5	OID20314	192	0.040	0.015	0.007	0.04 (0.01, 0.07)	0.056	6.34E-13	0.036	0.029	0.210	0.04 (-0.02, 0.09)	0.000	0.874	0.032	0.023	0.164	0.03 (-0.01, 0.08)	0.041	0.022	0.071	0.04 (-3.22e-03, 0.08)
O14904	WNT9A	OID20460	192	-0.035	0.013	0.007	-0.04 (-0.06, -0.01)	0.056	1.06E-05	-0.037	0.025	0.149	-0.04 (-0.09, 0.01)	0.000	0.950	-0.016	0.022	0.458	-0.02 (-0.06, 0.03)	-0.018	0.021	0.405	-0.02 (-0.06, 0.02)
Q9Y5L3	ENTPD2	OID21260	192	0.035	0.013	0.007	0.03 (0.01, 0.06)	0.057	1.78E-04	0.063	0.025	0.012	0.06 (0.01, 0.11)	-0.002	0.189	0.069	0.021	0.001	0.07 (0.03, 0.11)	0.068	0.021	0.002	0.07 (0.03, 0.11)
Q9H6S3	EPS8L2	OID21397	192	0.040	0.015	0.007	0.04 (0.01, 0.07)	0.058	7.12E-10	-0.027	0.029	0.353	-0.03 (-0.08, 0.03)	0.004	0.007	-0.005	0.023	0.841	-4.58e-03 (-0.05, 0.04)	-0.003	0.024	0.916	-2.55e-03 (-0.05, 0.04)
Q6UVK1	CSPG4	OID30397	192	-0.037	0.014	0.007	-0.04 (-0.06, -0.01)	0.059	2.54E-06	-0.018	0.027	0.488	-0.02 (-0.07, 0.03)	-0.001	0.422	-0.055	0.022	0.014	-0.06 (-0.10, -0.01)	-0.054	0.021	0.012	-0.05 (-0.10, -0.01)
P09874	PARP1	OID20500	192	0.035	0.013	0.007	0.03 (0.01, 0.06)	0.059	0.008	0.007	0.025	0.787	0.01 (-0.04, 0.06)	0.002	0.194	0.025	0.019	0.183	0.02 (-0.01, 0.06)	0.027	0.023	0.245	0.03 (-0.02, 0.07)
Q6P4E1	GOLM2	OID21044	192	0.074	0.027	0.007	0.07 (0.02, 0.13)	0.060	1.51E-125	0.018	0.053	0.733	0.02 (-0.09, 0.12)	0.003	0.225	0.024	0.024	0.321	0.02 (-0.02, 0.07)	0.016	0.023	0.482	0.02 (-0.03, 0.06)
Q13291	SLAMF1	OID20496	192	0.032	0.012	0.008	0.03 (0.01, 0.06)	0.061	0.111	0.030	0.025	0.216	0.03 (-0.02, 0.08)	0.000	0.951	0.020	0.024	0.402	0.02 (-0.03, 0.07)	0.022	0.024	0.347	0.02 (-0.02, 0.07)
P10643	C7	OID30766	192	0.036	0.014	0.008	0.04 (0.01, 0.06)	0.062	6.50E-09	0.038	0.027	0.157	0.04 (-0.01, 0.09)	0.000	0.957	0.039	0.022	0.077	0.04 (-4.23e-03, 0.08)	0.030	0.023	0.181	0.03 (-0.01, 0.07)
P19878	NCF2	OID20567	192	0.033	0.013	0.008	0.03 (0.01, 0.06)	0.064	0.010	0.028	0.024	0.245	0.03 (-0.02, 0.08)	0.000	0.817	0.044	0.023	0.061	0.04 (-2.00e-03, 0.09)	0.038	0.023	0.106	0.04 (-0.01, 0.08)
Q9P0G3	KLK14	OID21407	192	-0.040	0.015	0.008	-0.04 (-0.07, -0.01)	0.066	6.14E-14	0.038	0.028	0.180	0.04 (-0.02, 0.09)	-0.005	0.002	-0.016	0.018	0.383	-0.02 (-0.05, 0.02)	0.016	0.023	0.486	0.02 (-0.03, 0.06)
P11215	ITGAM	OID21071	192	0.036	0.014	0.008	0.04 (0.01, 0.06)	0.068	3.36E-04	0.042	0.026	0.114	0.04 (-0.01, 0.09)	0.000	0.787	0.021	0.024	0.393	0.02 (-0.03, 0.07)	0.026	0.024	0.292	0.03 (-0.02, 0.07)
Q9NQ84	GPRC5C	OID31340	192	0.035	0.013	0.009	0.04 (0.01, 0.06)	0.068	0.006	0.008	0.026	0.749	0.01 (-0.04, 0.06)	0.002	0.227	0.004	0.024	0.875	3.71e-03 (-0.04, 0.05)	0.008	0.023	0.716	0.01 (-0.04, 0.05)
Q9BW30	TPPP3	OID20842	192	-0.032	0.012	0.009	-0.03 (-0.06, -0.01)	0.068	0.067	-0.070	0.025	0.005	-0.07 (-0.12, -0.02)	0.002	0.073	-0.057	0.020	0.005	-0.06 (-0.10, -0.02)	-0.051	0.023	0.028	-0.05 (-0.10, -0.01)
P17050	NAGA	OID30509	192	0.037	0.014	0.009	0.04 (0.01, 0.06)	0.070	8.04E-05	0.085	0.027	0.002	0.08 (0.03, 0.14)	-0.003	0.040	0.035	0.024	0.153	0.03 (-0.01, 0.08)	0.037	0.023	0.104	0.04 (-0.01, 0.08)
P22455	FGFR4	OID30646	192	-0.033	0.012	0.009	-0.03 (-0.06, -0.01)	0.071	3.05E-23	-0.026	0.024	0.278	-0.03 (-0.07, 0.02)	0.000	0.756	-0.027	0.017	0.112	-0.03 (-0.06, 0.01)	-0.023	0.016	0.137	-0.02 (-0.05, 0.01)
P22676	CALB2	OID20801	192	0.036	0.014	0.009	0.04 (0.01, 0.06)	0.072	2.76E-04	-0.044	0.026	0.094	-0.04 (-0.09, 0.01)	0.005	4.25E-04	-0.002	0.024	0.948	-1.59e-03 (-0.05, 0.05)	-0.010	0.022	0.662	-0.01 (-0.05, 0.03)
P09529	INHBB	OID30625	192	0.050	0.019	0.009	0.05 (0.01, 0.09)	0.073	1.26E-39	0.043	0.038	0.252	0.04 (-0.03, 0.12)	0.000	0.826	0.040	0.024	0.092	0.04 (-0.01, 0.09)	0.039	0.021	0.070	0.04 (-2.87e-03, 0.08)
Q96F10	SAT2	OID31306	192	0.031	0.012	0.009	0.03 (0.01, 0.06)	0.073	0.007	-0.002	0.023	0.940	-1.76e-03 (-0.05, 0.04)	0.002	0.098	0.010	0.019	0.589	0.01 (-0.03, 0.05)	0.004	0.021	0.855	3.83e-03 (-0.04, 0.04)
Q7Z6P3	RAB44	OID31346	192	0.033	0.013	0.010	0.03 (0.01, 0.06)	0.075	0.025	0.008	0.025	0.734	0.01 (-0.04, 0.06)	0.002	0.245	0.004	0.019	0.855	3.53e-03 (-0.03, 0.04)	0.007	0.024	0.767	0.01 (-0.04, 0.05)
P02461	COL3A1	OID30379	192	0.036	0.014	0.010	0.04 (0.01, 0.06)	0.075	0.001	0.001	0.027	0.983	5.61e-04 (-0.05, 0.05)	0.002	0.125	0.020	0.024	0.421	0.02 (-0.03, 0.07)	0.020	0.024	0.401	0.02 (-0.03, 0.07)
Q93091	RNASE6	OID30689	192	0.034	0.013	0.010	0.03 (0.01, 0.06)	0.075	4.15E-06	-0.041	0.025	0.102	-0.04 (-0.09, 0.01)	0.005	0.001	-0.004	0.018	0.819	-4.09e-03 (-0.04, 0.03)	-0.004	0.023	0.853	-4.23e-03 (-0.05, 0.04)
P04155	TFF1	OID21154	192	0.029	0.011	0.010	0.03 (0.01, 0.05)	0.075	0.098	0.003	0.023	0.885	3.30e-03 (-0.04, 0.05)	0.002	0.196	0.024	0.023	0.295	0.02 (-0.02, 0.07)	0.039	0.023	0.088	0.04 (-0.01, 0.08)
O76070	SNCG	OID20971	192	0.032	0.012	0.010	0.03 (0.01, 0.06)	0.075	5.74E-10	-0.035	0.025	0.157	-0.04 (-0.08, 0.01)	0.004	0.002	0.008	0.018	0.648	0.01 (-0.03, 0.04)	-0.011	0.021	0.596	-0.01 (-0.05, 0.03)
Q29980;Q2	MICB;MICA	OID20593	192	0.030	0.012	0.010	0.03 (0.01, 0.05)	0.076	1.25E-61	-0.010	0.022	0.636	-0.01 (-0.05, 0.03)	0.003	0.034	0.022	0.009	0.021	0.02 (3.29e-03, 0.04)	0.010	0.011	0.359	0.01 (-0.01, 0.03)
Q9H2R5	KLK15	OID31427	192	-0.025	0.010	0.010	-0.02 (-0.04, -0.01)	0.076	0.037	-0.020	0.019	0.293	-0.02 (-0.06, 0.02)	0.000	0.747	-0.036	0.017	0.037	-0.04 (-0.07, -2.25e-03)	-0.031	0.017	0.065	-0.03 (-0.06, 1.71e-03)
O00468	AGRN	OID20786	192	0.034	0.013	0.010	0.03 (0.01, 0.06)	0.077	1.69E-04	-0.017	0.025	0.509	-0.02 (-0.07, 0.03)	0.003	0.020	-0.006	0.020	0.782	-0.01 (-0.04, 0.03)	-0.003	0.022	0.902	-2.77e-03 (-0.05, 0.04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q8IU57	IFNLR1	OID20506	192	0.034	0.013	0.010	0.03 (0.01, 0.06)	0.077	0.004	0.014	0.025	0.579	0.01 (-0.04, 0.06)	0.001	0.368	0.022	0.025	0.365	0.02 (-0.03, 0.07)	0.011	0.026	0.665	0.01 (-0.04, 0.06)
P10147	CCL3	OID20610	192	0.036	0.014	0.010	0.04 (0.01, 0.06)	0.078	2.06E-08	-0.003	0.027	0.907	-3.18e-03 (-0.06, 0.05)	0.002	0.092	-0.001	0.019	0.954	-1.08e-03 (-0.04, 0.04)	-0.001	0.024	0.973	-7.94e-04 (-0.05, 0.05)
P10747	CD28	OID21265	192	0.039	0.015	0.010	0.04 (0.01, 0.07)	0.080	5.47E-09	-0.016	0.029	0.579	-0.02 (-0.07, 0.04)	0.003	0.028	0.015	0.020	0.433	0.02 (-0.02, 0.05)	-0.007	0.024	0.754	-0.01 (-0.05, 0.04)
Q6QNK2	ADGRD1	OID30588	192	0.040	0.016	0.011	0.04 (0.01, 0.07)	0.081	4.16E-25	0.035	0.030	0.250	0.03 (-0.02, 0.09)	0.000	0.853	0.005	0.017	0.755	0.01 (-0.03, 0.04)	0.009	0.020	0.663	0.01 (-0.03, 0.05)
Q14005	IL16	OID20633	192	0.033	0.013	0.011	0.03 (0.01, 0.06)	0.081	4.36E-05	-0.014	0.025	0.569	-0.01 (-0.06, 0.03)	0.003	0.027	0.018	0.018	0.324	0.02 (-0.02, 0.05)	0.016	0.022	0.466	0.02 (-0.03, 0.06)
O60240	PLIN1	OID20835	192	0.039	0.015	0.011	0.04 (0.01, 0.07)	0.083	3.44E-08	-0.036	0.029	0.218	-0.04 (-0.09, 0.02)	0.005	0.003	0.008	0.021	0.699	0.01 (-0.03, 0.05)	0.003	0.025	0.889	3.46e-03 (-0.04, 0.05)
Q9H5Y7	SLITRK6	OID20094	192	-0.036	0.014	0.011	-0.04 (-0.06, -0.01)	0.084	1.16E-06	-0.026	0.028	0.352	-0.03 (-0.08, 0.03)	-0.001	0.662	-0.043	0.022	0.050	-0.04 (-0.09, -1.98e-05)	-0.022	0.024	0.349	-0.02 (-0.07, 0.02)
P30049	ATP5F1D	OID30079	192	0.031	0.012	0.011	0.03 (0.01, 0.05)	0.084	0.343	0.020	0.024	0.403	0.02 (-0.03, 0.07)	0.001	0.606	0.061	0.022	0.006	0.06 (0.02, 0.11)	0.061	0.025	0.016	0.06 (0.01, 0.11)
P12830	CDH1	OID20353	192	0.052	0.021	0.011	0.05 (0.01, 0.09)	0.084	2.41E-50	0.045	0.040	0.261	0.05 (-0.03, 0.12)	0.000	0.837	0.055	0.023	0.017	0.06 (0.01, 0.10)	0.052	0.023	0.022	0.05 (0.01, 0.10)
O94760	DDAH1	OID21299	192	0.035	0.014	0.011	0.04 (0.01, 0.06)	0.084	9.04E-05	-0.009	0.027	0.749	-0.01 (-0.06, 0.04)	0.003	0.057	-0.007	0.021	0.760	-0.01 (-0.05, 0.04)	-0.001	0.022	0.966	-9.34e-04 (-0.04, 0.04)
O75356	ENTPD5	OID20104	192	-0.042	0.017	0.011	-0.04 (-0.07, -0.01)	0.084	1.70E-18	-0.015	0.032	0.640	-0.01 (-0.08, 0.05)	-0.002	0.327	-0.024	0.025	0.330	-0.02 (-0.07, 0.02)	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)
O60462	NRP2	OID21081	192	-0.041	0.016	0.011	-0.04 (-0.07, -0.01)	0.084	1.21E-17	-0.047	0.032	0.140	-0.05 (-0.11, 0.02)	0.000	0.835	-0.047	0.023	0.041	-0.05 (-0.09, -1.93e-03)	-0.036	0.021	0.098	-0.04 (-0.08, 0.01)
P05556	ITGB1	OID20376	192	-0.032	0.013	0.011	-0.03 (-0.06, -0.01)	0.084	0.005	-0.026	0.025	0.301	-0.03 (-0.07, 0.02)	0.000	0.756	-0.006	0.018	0.764	-0.01 (-0.04, 0.03)	-0.002	0.024	0.934	-1.95e-03 (-0.05, 0.04)
P49023	PXN	OID20822	192	0.032	0.012	0.011	0.03 (0.01, 0.06)	0.084	3.88E-04	0.024	0.024	0.332	0.02 (-0.02, 0.07)	0.001	0.700	0.033	0.023	0.149	0.03 (-0.01, 0.08)	0.032	0.021	0.138	0.03 (-0.01, 0.07)
P78423	CX3CL1	OID20976	192	-0.042	0.017	0.012	-0.04 (-0.07, -0.01)	0.085	1.64E-15	-0.056	0.032	0.083	-0.06 (-0.12, 0.01)	0.001	0.609	-0.041	0.023	0.069	-0.04 (-0.09, 3.24e-03)	-0.036	0.024	0.142	-0.04 (-0.08, 0.01)
P08727	KRT19	OID20596	192	0.032	0.013	0.012	0.03 (0.01, 0.06)	0.085	0.044	0.033	0.025	0.187	0.03 (-0.02, 0.08)	0.000	0.979	0.006	0.020	0.750	0.01 (-0.03, 0.05)	0.003	0.023	0.909	2.65e-03 (-0.04, 0.05)
O75340	PDCD6	OID20163	192	-0.026	0.010	0.012	-0.03 (-0.05, -0.01)	0.087	4.48E-06	-0.037	0.020	0.070	-0.04 (-0.08, 2.84e-03)	0.001	0.544	-0.024	0.018	0.171	-0.02 (-0.06, 0.01)	-0.022	0.019	0.244	-0.02 (-0.06, 0.01)
P11717	IGF2R	OID21146	192	0.037	0.015	0.012	0.04 (0.01, 0.07)	0.087	2.07E-10	-0.004	0.028	0.875	-4.40e-03 (-0.06, 0.05)	0.003	0.089	-0.001	0.022	0.967	-9.13e-04 (-0.04, 0.04)	0.001	0.025	0.972	8.92e-04 (-0.05, 0.05)
P18627	LAG3	OID21315	192	0.034	0.014	0.012	0.03 (0.01, 0.06)	0.087	1.74E-05	0.047	0.027	0.081	0.05 (-0.01, 0.10)	-0.001	0.590	0.025	0.022	0.262	0.03 (-0.02, 0.07)	0.021	0.024	0.384	0.02 (-0.03, 0.07)
O15123	ANGPT2	OID21463	192	0.036	0.014	0.012	0.04 (0.01, 0.06)	0.088	4.15E-06	-0.001	0.027	0.971	-9.98e-04 (-0.05, 0.05)	0.002	0.120	0.031	0.023	0.182	0.03 (-0.01, 0.08)	0.028	0.022	0.216	0.03 (-0.02, 0.07)
P54687	BCAT1	OID30312	192	0.031	0.012	0.012	0.03 (0.01, 0.06)	0.088	0.031	0.019	0.024	0.440	0.02 (-0.03, 0.07)	0.001	0.546	0.029	0.023	0.203	0.03 (-0.02, 0.07)	0.039	0.022	0.073	0.04 (-3.43e-03, 0.08)
P24001	IL32	OID20605	192	-0.044	0.018	0.012	-0.04 (-0.08, -0.01)	0.089	2.97E-24	-0.021	0.034	0.547	-0.02 (-0.09, 0.05)	-0.001	0.423	-0.020	0.024	0.419	-0.02 (-0.07, 0.03)	-0.021	0.025	0.398	-0.02 (-0.07, 0.03)
Q9UBV2	SEL1L	OID30196	192	0.034	0.013	0.012	0.03 (0.01, 0.06)	0.089	0.003	-0.018	0.026	0.473	-0.02 (-0.07, 0.03)	0.003	0.019	-0.007	0.019	0.726	-0.01 (-0.04, 0.03)	-0.010	0.020	0.626	-0.01 (-0.05, 0.03)
O15197	EPHB6	OID20982	192	-0.029	0.012	0.012	-0.03 (-0.05, -0.01)	0.089	0.141	-0.044	0.024	0.062	-0.04 (-0.09, 2.03e-03)	0.001	0.448	-0.047	0.023	0.042	-0.05 (-0.09, -1.79e-03)	-0.049	0.024	0.041	-0.05 (-0.10, -2.35e-03)
P35556	FBN2	OID30974	192	0.030	0.012	0.013	0.03 (0.01, 0.05)	0.090	0.980	0.030	0.023	0.195	0.03 (-0.02, 0.07)	0.000	0.990	0.024	0.024	0.319	0.02 (-0.02, 0.07)	0.015	0.023	0.526	0.01 (-0.03, 0.06)
P09237	MMP7	OID20087	192	0.028	0.011	0.013	0.03 (0.01, 0.05)	0.090	0.064	0.016	0.023	0.484	0.02 (-0.03, 0.06)	0.001	0.565	0.022	0.023	0.346	0.02 (-0.02, 0.07)	0.011	0.022	0.619	0.01 (-0.03, 0.05)
Q6WCQ1	MPRIP	OID31420	192	0.030	0.012	0.013	0.03 (0.01, 0.05)	0.091	0.726	0.033	0.023	0.151	0.03 (-0.01, 0.08)	0.000	0.858	0.051	0.023	0.023	0.05 (0.01, 0.10)	0.042	0.026	0.110	0.04 (-0.01, 0.09)
P43490	NAMPT	OID21227	192	0.030	0.012	0.013	0.03 (0.01, 0.05)	0.091	0.062	0.008	0.025	0.759	0.01 (-0.04, 0.06)	0.001	0.302	0.009	0.023	0.681	0.01 (-0.04, 0.05)	0.010	0.023	0.671	0.01 (-0.03, 0.05)
Q01973	ROR1	OID20224	192	-0.035	0.014	0.013	-0.04 (-0.06, -0.01)	0.091	3.24E-07	-0.039	0.027	0.152	-0.04 (-0.09, 0.01)	0.000	0.855	-0.020	0.022	0.365	-0.02 (-0.06, 0.02)	-0.037	0.022	0.085	-0.04 (-0.08, 4.90e-03)
P48546	GIPR	OID30542	192	-0.030	0.012	0.013	-0.03 (-0.05, -0.01)	0.091	0.683	-0.034	0.023	0.144	-0.03 (-0.08, 0.01)	0.000	0.830	-0.021	0.022	0.336	-0.02 (-0.06, 0.02)	-0.029	0.022	0.186	-0.03 (-0.07, 0.01)
P35442	THBS2	OID21104	192	0.038	0.015	0.013	0.04 (0.01, 0.07)	0.091	1.61E-12	-0.018	0.029	0.529	-0.02 (-0.08, 0.04)	0.004	0.025	0.000	0.020	0.981	4.86e-04 (-0.04, 0.04)	0.008	0.021	0.695	0.01 (-0.03, 0.05)
Q96IQ7	VSIG2	OID31371	192	0.032	0.013	0.013	0.03 (0.01, 0.06)	0.094	0.002	0.023	0.025	0.357	0.02 (-0.03, 0.07)	0.001	0.681	0.032	0.024	0.178	0.03 (-0.01, 0.08)	0.027	0.021	0.208	0.03 (-0.01, 0.07)
P63172	DYNLT1	OID30925	192	0.029	0.012	0.014	0.03 (0.01, 0.05)	0.097	0.005	0.005	0.022	0.818	0.01 (-0.04, 0.05)	0.001	0.222	0.009	0.019	0.626	0.01 (-0.03, 0.05)	0.009	0.019	0.657	0.01 (-0.03, 0.05)
P20929	NEB	OID30105	192	0.030	0.012	0.014	0.03 (0.01, 0.05)	0.097	0.080	-0.014	0.025	0.578	-0.01 (-0.06, 0.03)	0.003	0.042	0.009	0.024	0.698	0.01 (-0.04, 0.06)	0.015	0.022	0.505	0.02 (-0.03, 0.06)
Q9BXR6	CFHR5	OID30716	192	-0.041	0.016	0.014	-0.04 (-0.07, -0.01)	0.097	9.00E-21	-0.040	0.032	0.217	-0.04 (-0.10, 0.02)	0.000	0.969	-0.048	0.022	0.032	-0.05 (-0.09, -4.07e-03)	-0.036	0.021	0.082	-0.04 (-0.08, 4.34e-03)
Q9NQ25	SLAMF7	OID20602	192	0.033	0.013	0.014	0.03 (0.01, 0.06)	0.098	2.20E-07	0.044	0.026	0.090	0.04 (-0.01, 0.10)	-0.001	0.612	0.013	0.018	0.465	0.01 (-0.02, 0.05)	0.017	0.020	0.401	0.02 (-0.02, 0.06)
P11279	LAMP1	OID30416	192	0.033	0.014	0.015	0.03 (0.01, 0.06)	0.102	0.003	0.031	0.026	0.239	0.03 (-0.02, 0.08)	0.000	0.929	0.030	0.024	0.203	0.03 (-0.02, 0.08)	0.020	0.023	0.376	0.02 (-0.02, 0.06)
Q86Z14	KLB	OID20888	192	-0.031	0.013	0.015	-0.03 (-0.06, -0.01)	0.102	1.86E-08	-0.010	0.025	0.692	-0.01 (-0.06, 0.04)	-0.001	0.311	-0.042	0.020	0.037	-0.04 (-0.08, -2.61e-03)	-0.012	0.022	0.576	-0.01 (-0.05, 0.03)
Q99707	MTR	OID30110	192	0.029	0.012	0.015	0.03 (0.01, 0.05)	0.104	0.112	0.019	0.025	0.438	0.02 (-0.03, 0.07)	0.001	0.637	-0.005	0.021	0.827	-4.60e-03 (-0.05, 0.04)	0.005	0.026	0.846	0.01 (-0.05, 0.06)
P02452	COL1A1	OID20335	192	-0.038	0.016	0.015	-0.04 (-0.07, -0.01)	0.104	6.15E-12	-0.065	0.030	0.033	-0.07 (-0.12, -0.01)	0.002	0.297	-0.057	0.023	0.014	-0.06 (-0.10, -0.01)	-0.054	0.022	0.014	-0.05 (-0.10, -0.01)
Q8NDA2	HMCN2	OID30592	192	0.030	0.012	0.015	0.03 (0.01, 0.05)	0.104	1.18E-04	0.020	0.024	0.396	0.02 (-0.03, 0.07)	0.001	0.638	0.022	0.023	0.338	0.02 (-0.02, 0.07)	0.020	0.021	0.345	0.02 (-0.02, 0.06)
Q9BQS7	HEPH	OID30337	192	0.046	0.019	0.015	0.05 (0.01, 0.08)	0.104	2.05E-32	0.014	0.037	0.710	0.01 (-0.06, 0.09)	0.002	0.305	0.054	0.024	0.022	0.05 (0.01, 0.10)	0.047	0.022	0.039	0.05 (2.70e-03, 0.09)
Q9GZZ8	LACRT	OID31367	192	-0.034	0.014	0.015	-0.03 (-0.06, -0.01)	0.104	5.18E-05	0.011	0.027	0.675	0.01 (-0.04, 0.06)	-0.003	0.051	0.020	0.019	0.300	0.02 (-0.02, 0.06)	0.047	0.027	0.084	0.05 (-0.01, 0.10)
P11684	SCGB1A1	OID20688	192	-0.035	0.014	0.015	-0.04 (-0.06, -0.01)	0.104	3.21E-09	-0.003	0.028	0.919	-2.82e-03 (-0.06, 0.05)	-0.002	0.179	-0.041	0.019	0.028	-0.04 (-0.08, -4.48e-03)	-0.028	0.021	0.180	-0.03 (-0.07, 0.01)
Q9UKS7	IKZF2	OID21213	192	0.029	0.012	0.016	0.03 (0.01, 0.05)	0.107	0.474	0.033	0.023	0.160	0.03 (-0.01, 0.08)	0.000	0.847	0.010	0.021	0.641	0.01 (-0.03, 0.05)	0.011	0.024	0.665	0.01 (-0.04, 0.06)
Q9UKX5	ITGA11	OID20581	192	-0.034	0.014	0.016	-0.03 (-0.06, -0.01)	0.107	9.66E-07	0.002	0.027	0.948	1.78e-03 (-0.05, 0.06)	-0.002	0.126	-0.025	0.024	0.301	-0.02 (-0.07, 0.02)	-0.030	0.023	0.198	-0.03 (-0.08, 0.02)
Q9HB40	SCPEP1	OID30278	192	0.036	0.015	0.016	0.04 (0.01, 0.06)	0.108	6.79E-08	0.014	0.029	0.628	0.01 (-0.04, 0.07)	0.001	0.376	0.023	0.024	0.335	0.02 (-0.02, 0.07)	0.030	0.022	0.184	0.03 (-0.01, 0.07)
P14902	IDO1	OID30230	192	0.034	0.014	0.016	0.03 (0.01, 0.06)	0.108	1.25E-05	0.018	0.027	0.509	0.02 (-0.04, 0.07)	0.001	0.498	0.005	0.021	0.823	4.78e-03 (-0.04, 0.05)	0.001	0.025	0.965	1.07e-03 (-0.05, 0.05)
Q08830	FGL1	OID30702	192	-0.029	0.012	0.016	-0.03 (-0.05, -0.01)	0.109	3.95E-08	-0.023	0.023	0.323	-0.02 (-0.07, 0.02)	0.000	0.771	-0.022	0.020	0.265	-0.02 (-0.06, 0.02)	-0.022	0.019	0.253	-0.02 (-0.06, 0.02)
Q03431	PTH1R	OID20571	192	0.031	0.013	0.016	0.03 (0.01, 0.06)	0.109	0.031	0.031	0.025	0.222	0.03 (-0.02, 0.08)	0.000	0.986	0.008	0.021	0.682	0.01 (-0.03, 0.05)	0.023	0.022	0.306	0.02 (-0.02, 0.07)
P39900	MMP12	OID21439	192	0.028	0.012	0.016	0.03 (0.01, 0.05)	0.111	0.003	0.017	0.022	0.447	0.02 (-0.03, 0.06)	0.001	0.579	0.037	0.021	0.071	0.04 (-3.19e-03, 0.08)	0.037	0.020	0.061	0.04 (-1.49e-03, 0.08)
P14209	CD99	OID21110	192	-0.032	0.013	0.016	-0.03 (-0.06, -0.01)	0.111	7.60E-10	-0.049	0.026	0.061	-0.05 (-0.10, 2.00e-03)	0.001	0.452	-0.030	0.021	0.161	-0.03 (-0.07, 0.01)	-0.038	0.022	0.079	-0.04 (-0.08, 4.18e-03)
P23280	CA6	OID21096	192	-0.029	0.012	0.017	-0.03 (-0.05, -0.01)	0.114	2.03E-07	0.033	0.023	0.155	0.03 (-0.01, 0.08)	-0.004	0.002	-0.012	0.017	0.476	-0.01 (-0.05, 0.02)	0.027	0.022	0.216	0.03 (-0.02, 0.07)
Q9NTU7	CBLN4	OID21386	192	0.035	0.015	0.017	0.04 (0.01, 0.06)	0.115	1.04E-08	0.014	0.029	0.632	0.01 (-0.04, 0.07)	0.001	0.382	0.023	0.025	0.359	0.02 (-0.03, 0.07)	0.024	0.022	0.284	0.02 (-0.02, 0.07)
Q8IXM2	C17orf49	OID31150	192	0.030	0.013	0.017	0.03 (0.01, 0.06)	0.116	0.017	0.025	0.025	0.317	0.02 (-0.02, 0.07)	0.000	0.796	-0.002	0.019	0.914	-2.10e-03 (-0.04, 0.04)	-0.002	0.024	0.923	-2.31e-03 (-0.05, 0.04)
P09211	GSTP1	OID20876	192	-0.029	0.012	0.017	-0.03 (-0.05, -0.01)	0.116	0.299	-0.010	0.024	0.682	-0.01 (-0.06, 0.04)	-0.001	0.360	-0.009	0.021	0.665	-0.01 (-0.05, 0.03)	-0.004	0.025	0.874	-3.97e-03 (-0.05, 0.04)
Q9Y6D9	MAD1L1	OID20904	192	0.031	0.013	0.017	0.03 (0.01, 0.06)	0.117	0.002	-0.033	0.025	0.185	-0.03 (-0.08, 0.02)	0.004	0.003	-0.006	0.019	0.730	-0.01 (-0.04, 0.03)	-0.011	0.023	0.637	-0.01 (-0.06, 0.03)
P01350	GAST	OID31083	192	0.027	0.011	0.018	0.03 (4.74e-03, 0.05)	0.117	0.102	0.046	0.024	0.052	0.05 (-5.46e-05, 0.09)	-0.001	0.348	0.036	0.020	0.065	0.04 (-2.24e-03, 0.07)	0.062	0.023	0.006	0.06 (0.02, 0.11)
P07355	ANXA2	OID30263	192	0.031	0.013	0.018	0.03 (0.01, 0.06)	0.120	6.26E-05	-0.003	0.026	0.909	-2.92e-03 (-0.05, 0.05)	0.002	0.119	0.011	0.023	0.648	0.01 (-0.03, 0.06)	0.009	0.023	0.713	0.01 (-0.04, 0.05)
P50135	HNMT	OID20975	192	0.032	0.014	0.018	0.03 (0.01, 0.06)	0.120	3.36E-11	-0.034	0.026	0.185	-0.03 (-0.08, 0.02)	0.004	0.003	-0.004	0.018	0.813	-4.24e-03 (-0.04, 0.03)	-0.014	0.020	0.489	-0.01 (-0.05, 0.03)
Q5FWE3	PRRT3	OID30276	192	-0.036	0.015	0.018	-0.04 (-0.07, -0.01)	0.120	4.21E-09	0.011	0.029	0.707	0.01 (-0.05, 0.07)	-0.003	0.063	-0.036	0.024	0.126	-0.04 (-0.08, 0.01)	-0.018	0.024	0.448	-0.02 (-0.07, 0.03)
P01011	SERPINA3	OID30786	192	-0.027	0.011	0.018	-0.03 (-0.05, -4.55e-0	0.120	0.167	-0.025	0.023	0.282	-0.02 (-0.07, 0.02)	0.000	0.924	-0.018	0.023	0.445	-0.02 (-0.06, 0.03)	-0.017	0.022	0.447	-0.02 (-0.06, 0.03)
O00300	TNFRSF11B	OID20735	192	0.035	0.015	0.018	0.04 (0.01, 0.06)	0.120	7.24E-15	0.016	0.029	0.589	0.02 (-0.04, 0.07)	0.001	0.430	0.003	0.021	0.885	3.07e-03 (-0.04, 0.04)	0.004	0.023	0.853	4.21e-03 (-0.04, 0.05)
O43505	B4GAT1	OID21127	192	-0.035	0.015	0.018	-0.04 (-0.06, -0.01)	0.121	1.08E-10	0.007	0.029	0.804	0.01 (-0.05, 0.06)	-0.003	0.088	-0.024	0.022	0.283	-0.02 (-0.07, 0.02)	-0.044	0.024	0.066	-0.04 (-0.09, 2.56e-03)
Q9UBM4	OPTC	OID21362	192	-0.036	0.015	0.018	-0.04 (-0.07, -0.01)	0.121	1.85E-11	0.026	0.029	0.369	0.03 (-0.03, 0.08)	-0.004	0.014	0.003	0.021	0.883	3.08e-03 (-0.04, 0.04)	0.012	0.023	0.598	0.01 (-0.03, 0.06)
A6NM11	LRRC37A2	OID31440	192	0.020	0.008	0.019	0.02 (3.20e-03, 0.04)	0.125	0.015	0.026	0.016	0.115	0.03 (-0.01, 0.06)	0.000	0.663	0.005	0.015	0.732	0.01 (-0.02, 0.03)	0.003	0.016	0.845	3.22e-03 (-0.03, 0.04)
Q9C005	DPY30	OID21410	192	0.033	0.014	0.019	0.03 (0.01, 0.06)	0.125	8.61E-05	-0.023	0.027	0.390	-0.02 (-0.08, 0.03)	0.004	0.016	-0.006	0.022	0.766	-0.01 (-0.05, 0.04)	-0.013	0.022	0.573	-0.01 (-0.06, 0.03)
Q8N6Q3	CD177	OID21119	192	0.024	0.010	0.020	0.02 (3.84e-03, 0.04)	0.127	0.013	0.022	0.020	0.262	0.02 (-0.02, 0.06)	0.000	0.925	0.017	0.017	0.329	0.02 (-0.02, 0.05)	0.024	0.016	0.141	0.02 (-0.01, 0.06)
Q8IWY9	CDAN1	OID31076	192	0.028	0.012	0.020	0.03 (4.48e-03, 0.05)	0.127	0.884	0.007	0.023	0.759	0.01 (-0.04, 0.05)	0.001	0.296	0.017	0.024	0.479	0.02 (-0.03, 0.06)	0.020	0.025	0.414	0.02 (-0.03, 0.07)
P32971	TNFSF8	OID30384	192	0.035	0.015	0.020	0.04 (0.01, 0.06)	0.127	2.13E-09	0.001	0.029	0.968	1.15e-03 (-0.06, 0.06)	0.002	0.174	0.009	0.018	0.605	0.01 (-0.03, 0.04)	-0.015	0.023	0.524	-0.01 (-0.06, 0.03)
O60449	LY75	OID20580	192	0.023	0.010	0.020	0.02 (3.62e-03, 0.04)	0.127	3.09E-04	0.036	0.019	0.055	0.04 (-5.25e-04, 0.07)	-0.001	0.397	0.023	0.017	0.164	0.02 (-0.01, 0.06)	0.023	0.015	0.130	0.02 (-0.01, 0.05)
O75326	SEMA7A	OID20283	192	0.033	0.014	0.020	0.03 (0.01, 0.06)	0.129	7.20E-07	0.028	0.028	0.307	0.03 (-0.03, 0.08)	0.000	0.841	0.025	0.024	0.305	0.02 (-0.02, 0.07)	0.035	0.023	0.124	0.04 (-0.01, 0.08)
Q14641	INSL4	OID31370	192	0.027	0.012	0.020	0.03 (4.27e-03, 0.05)	0.129	0.909	0.045	0.023	0.049	0.05 (4.94e-04, 0.09)	-0.001	0.362	0.046	0.021	0.026	0.05 (0.01, 0.09)	0.039	0.023	0.091	0.04 (-0.01, 0.08)
Q13093	PLA2G7	OID21105	192	-0.063	0.027	0.020	-0.06 (-0.12, -0.01)	0.129	2.21E-130	-0.068	0.052	0.197	-0.07 (-0.17, 0.03)	0.000	0.908	-0.012	0.021	0.582	-0.01 (-0.05, 0.03)	-0.013	0.023	0.570	-0.01 (-0.06, 0.03)
Q8WXD2	SCG3	OID20728	192	-0.029	0.013	0.020	-0.03 (-0.05, -4.57e-0	0.129	6.19E-06	0.027	0.024	0.256	0.03 (-0.02, 0.07)	-0.004	0.006	0.010	0.019	0.602	0.01 (-0.03, 0.05)	-0.001	0.019	0.956	-1.06e-03 (-0.04, 0.04)
P09467	FBP1	OID20227	192	0.037	0.016	0.020	0.04 (0.01, 0.07)	0.130	2.98E-13	-0.025	0.030	0.405	-0.03 (-0.08, 0.03)	0.004	0.018	-0.011	0.023	0.630	-0.01 (-0.06, 0.03)	-0.011	0.021	0.603	-0.01 (-0.05, 0.03)
P20718	GZMH	OID20096	192	0.034	0.015	0.020	0.03 (0.01, 0.06)	0.130	1.20E-07	0.077	0.028	0.007	0.08 (0.02, 0.13)	-0.003	0.076	0.045	0.024	0.059	0.05 (-1.70e-03, 0.09)	0.043	0.023	0.069	0.04 (-3.09e-03, 0.09)
P02748	C9	OID30698	192	-0.037	0.016	0.021	-0.04 (-0.07, -0.01)	0.131	1.26E-11	-0.028	0.031	0.370	-0.03 (-0.09, 0.03)	-0.001	0.731	-0.055	0.021	0.010	-0.05 (-0.10, -0.01)	-0.041	0.024	0.082	-0.04 (-0.09, 4.94e-03)
Q13508	ART3	OID20346	192	-0.032	0.014	0.021	-0.03 (-0.06, -4.91e-0	0.131	7.65E-10	0.002	0.027	0.931	2.33e-03 (-0.05, 0.05)	-0.002	0.135	-0.008	0.019	0.659	-0.01 (-0.04, 0.03)	-0.022	0.022	0.311	-0.02 (-0.07, 0.02)
P09603	CSF1	OID20719	192	0.035	0.015	0.021	0.03 (0.01, 0.06)	0.132	5.99E-09	-0.031	0.029	0.276	-0.03 (-0.09, 0.02)	0.004	0.008	0.000	0.024	0.993	-2.20e-04 (-0.05, 0.05)	-0.011	0.023	0.632	-0.01 (-0.06, 0.03)
Q86TE4	LUZP2	OID31402	192	-0.031	0.013	0.021	-0.03 (-0.06, -4.66e-0	0.132	0.001	0.006	0.026	0.820	0.01 (-0.04, 0.06)	-0.002	0.098	-0.010	0.024	0.688	-0.01 (-0.06, 0.04)	-0.003	0.022	0.897	-2.86e-03 (-0.05, 0.04)
P20851	C4BPB	OID21481	192	-0.031	0.014	0.021	-0.03 (-0.06, -4.63e-0	0.134	8.59E-06	-0.059	0.026	0.024	-0.06 (-0.11, -0.01)	0.002	0.210	-0.013	0.023	0.578	-0.01 (-0.06, 0.03)	-0.018	0.023	0.431	-0.02 (-0.06, 0.03)
O76096	CST7	OID20704	192	0.028	0.012	0.021	0.03 (4.16e-03, 0.05)	0.134	4.09E-10	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)	0.003	0.011	-0.010	0.016	0.516	-0.01 (-0.04, 0.02)	-0.009	0.019	0.651	-0.01 (-0.05, 0.03)
Q9Y279	VSIG4	OID21144	192	0.033	0.014	0.021	0.03 (4.89e-03, 0.06)	0.134	1.75E-07	-0.055	0.027	0.041	-0.06 (-0.11, -2.68e-03)	0.006	1.66E-04	-0.007	0.019	0.697	-0.01 (-0.04, 0.03)	-0.032	0.023	0.170	-0.03 (-0.08, 0.01)
P14902	IDO1	OID31474	192	0.032	0.014	0.022	0.03 (4.69e-03, 0.06)	0.135	8.43E-06	0.025	0.027	0.354	0.03 (-0.03, 0.08)	0.000	0.768	0.002	0.023	0.921	2.32e-03 (-0.04, 0.05)	-0.015	0.024	0.519	-0.02 (-0.06, 0.03)
P17936	IGFBP3	OID20398	185	0.033	0.014	0.022	0.03 (4.83e-03, 0.06)	0.135	1.16E-09	0.034	0.027	0.218	0.03 (-0.02, 0.09)	0.000	0.966	0.043	0.020	0.033	0.04 (3.49e-03, 0.08)	0.025	0.022	0.238	0.03 (-0.02, 0.07)
Q9Y2J8	PADI2	OID20467	192	0.028	0.012	0.022	0.03 (4.05e-03, 0.05)	0.135	0.246	0.002	0.024	0.931	2.07e-03 (-0.04, 0.05)	0.002	0.216	-0.005	0.022	0.820	-0.01 (-0.05, 0.04)	-0.003	0.023	0.900	-2.93e-03 (-0.05, 0.04)
Q86SR1	GALNT10	OID21371	192	0.051	0.022	0.022	0.05 (0.01, 0.10)	0.138	9.75E-75	0.015	0.044	0.733	0.01 (-0.07, 0.10)	0.002	0.329	0.018	0.021	0.389	0.02 (-0.02, 0.06)	0.016	0.020	0.428	0.02 (-0.02, 0.06)
Q16627	CCL14	OID20401	192	-0.030	0.013	0.023	-0.03 (-0.06, -4.27e-0	0.140	4.26E-05	-0.041	0.026	0.117	-0.04 (-0.09, 0.01)	0.001	0.643	-0.022	0.022	0.319	-0.02 (-0.07, 0.02)	-0.030	0.022	0.175	-0.03 (-0.07, 0.01)
Q9NPY3	CD93	OID20397	192	-0.035	0.016	0.023	-0.04 (-0.07, -4.95e-0	0.140	4.88E-09	-0.039	0.030	0.196	-0.04 (-0.10, 0.02)	0.000	0.885	-0.016	0.024	0.491	-0.02 (-0.06, 0.03)	-0.030	0.021	0.169	-0.03 (-0.07, 0.01)
O00425	IGF2BP3	OID30112	192	0.030	0.013	0.023	0.03 (4.25e-03, 0.06)	0.140	0.021	0.047	0.026	0.070	0.05 (-3.59e-03, 0.10)	-0.001	0.451	0.025	0.025	0.310	0.02 (-0.02, 0.07)	0.037	0.024	0.122	0.04 (-0.01, 0.08)
Q5TBC7	BCL2L15	OID30498	192	0.029	0.013	0.023	0.03 (4.00e-03, 0.05)	0.142	0.035	0.029	0.025	0.235	0.03 (-0.02, 0.08)	0.000	0.981	0.036	0.023	0.123	0.04 (-0.01, 0.08)	0.033	0.023	0.147	0.03 (-0.01, 0.08)
Q9UI42	CPA4	OID30606	192	-0.029	0.013	0.023	-0.03 (-0.05, -3.96e-0	0.142	1.92E-04	-0.038	0.025	0.125	-0.04 (-0.09, 0.01)	0.001	0.668	-0.023	0.022	0.294	-0.02 (-0.07, 0.02)	-0.034	0.022	0.123	-0.03 (-0.08, 0.01)
O00182	LGALS9	OID20781	192	0.031	0.014	0.023	0.03 (4.26e-03, 0.06)	0.142	1.39E-08	-0.017	0.026	0.527	-0.02 (-0.07, 0.03)	0.003	0.035	-0.015	0.020	0.453	-0.01 (-0.05, 0.02)	-0.002	0.023	0.930	-1.98e-03 (-0.05, 0.04)
P10523	SAG	OID30874	192	-0.027	0.012	0.023	-0.03 (-0.05, -3.77e-0	0.142	0.598	-0.036	0.023	0.126	-0.04 (-0.08, 0.01)	0.001	0.671	-0.047	0.022	0.029	-0.05 (-0.09, -4.75e-03)	-0.050	0.024	0.041	-0.05 (-0.10, -2.45e-03)
Q13231	CHIT1	OID20312	192	-0.023	0.010	0.024	-0.02 (-0.04, -3.11e-0	0.144	7.56E-05	-0.027	0.020	0.169	-0.03 (-0.07, 0.01)	0.000	0.808	-0.020	0.018	0.253	-0.02 (-0.06, 0.01)	-0.031	0.016	0.053	-0.03 (-0.06, 1.94e-04)
Q96T91	GPHA2	OID31437	192	-0.030	0.013	0.024	-0.03 (-0.06, -3.98e-0	0.144	0.004	0.002	0.025	0.933	2.13e-03 (-0.05, 0.05)	-0.002	0.144	-0.030	0.023	0.196	-0.03 (-0.08, 0.02)	-0.016	0.022	0.471	-0.02 (-0.06, 0.03)
Q06830	PRDX1	OID20962	192	-0.029	0.013	0.024	-0.03 (-0.05, -3.88e-0	0.144	0.043	-0.031	0.025	0.219	-0.03 (-0.08, 0.02)	0.000	0.936	-0.037	0.025	0.135	-0.04 (-0.09, 0.01)	-0.046	0.024	0.057	-0.05 (-0.09, 1.17e-03)
Q6UWL6	KIRREL2	OID20873	192	-0.036	0.016	0.024	-0.04 (-0.07, -4.68e-0	0.146	1.74E-12	-0.037	0.031	0.231	-0.04 (-0.10, 0.02)	0.000	0.965	-0.023	0.024	0.350	-0.02 (-0.07, 0.02)	-0.026	0.023	0.266	-0.03 (-0.07, 0.02)
Q9H477	RBKS	OID20986	192	0.030	0.013	0.024	0.03 (3.94e-03, 0.06)	0.146	2.34E-04	0.003	0.026	0.909	2.94e-03 (-0.05, 0.05)	0.002	0.221	0.006	0.023	0.791	0.01 (-0.04, 0.05)	0.008	0.021	0.719	0.01 (-0.03, 0.05)
P04066	FUCA1	OID20261	192	0.020	0.009	0.024	0.02 (2.66e-03, 0.04)	0.146	1.41E-12	0.024	0.017	0.164	0.02 (-0.01, 0.06)	0.000	0.791	0.013	0.013	0.327	0.01 (-0.01, 0.04)	0.009	0.012	0.468	0.01 (-0.02, 0.03)
P15311	EZR	OID21017	192	0.033	0.014	0.024	0.03 (4.26e-03, 0.06)	0.146	2.85E-06	-0.005	0.028	0.848	-0.01 (-0.06, 0.05)	0.002	0.114	0.022	0.024	0.361	0.02 (-0.02, 0.07)	0.005	0.023	0.829	0.01 (-0.04, 0.05)
Q9UKJ0	PILRB	OID20197	192	0.021	0.009	0.024	0.02 (2.69e-03, 0.04)	0.146	0.004	0.011	0.018	0.533	0.01 (-0.02, 0.05)	0.001	0.525	0.023	0.017	0.160	0.02 (-0.01, 0.06)	0.028	0.016	0.081	0.03 (-3.20e-03, 0.06)
P49354	FNTA	OID31381	192	0.027	0.012	0.024	0.03 (3.44e-03, 0.05)	0.147	0.165	0.042	0.024	0.085	0.04 (-0.01, 0.09)	-0.001	0.465	0.025	0.023	0.287	0.02 (-0.02, 0.07)	0.017	0.025	0.480	0.02 (-0.03, 0.07)
Q53GD3	SLC44A4	OID30897	192	0.027	0.012	0.025	0.03 (3.48e-03, 0.05)	0.148	0.899	0.021	0.023	0.366	0.02 (-0.02, 0.07)	0.000	0.767	0.001	0.023	0.976	6.89e-04 (-0.05, 0.05)	0.004	0.024	0.858	4.31e-03 (-0.04, 0.05)
P19256	CD58	OID20716	192	-0.070	0.031	0.025	-0.07 (-0.13, -0.01)	0.148	5.65E-187	-0.077	0.060	0.205	-0.08 (-0.20, 0.04)	0.000	0.894	-0.066	0.023	0.005	-0.07 (-0.11, -0.02)	-0.082	0.023	4.38E-04	-0.08 (-0.13, -0.04)
A8MVW5	HEPACAM2	OID31151	192	-0.063	0.028	0.025	-0.06 (-0.12, -0.01)	0.148	2.06E-182	-0.005	0.054	0.929	-4.81e-03 (-0.11, 0.10)	-0.004	0.210	-0.039	0.021	0.067	-0.04 (-0.08, 2.68e-03)	-0.046	0.021	0.032	-0.05 (-0.09, -4.23e-03)
P14902	IDO1	OID30563	192	0.031	0.014	0.025	0.03 (3.95e-03, 0.06)	0.148	4.91E-05	0.013	0.027	0.629	0.01 (-0.04, 0.07)	0.001	0.432	-0.006	0.022	0.780	-0.01 (-0.05, 0.04)	0.007	0.025	0.772	0.01 (-0.04, 0.06)
O15211	RGL2	OID31297	192	0.027	0.012	0.025	0.03 (3.40e-03, 0.05)	0.148	0.558	0.018	0.023	0.453	0.02 (-0.03, 0.06)	0.001	0.637	0.001	0.023	0.967	9.75e-04 (-0.04, 0.05)	0.002	0.025	0.924	2.41e-03 (-0.05, 0.05)
P05231	IL6	OID20911	192	0.031	0.014	0.025	0.03 (3.89e-03, 0.06)	0.149	3.00E-05	-0.042	0.026	0.112	-0.04 (-0.09, 0.01)	0.005	0.001	-0.020	0.019	0.292	-0.02 (-0.06, 0.02)	-0.032	0.024	0.190	-0.03 (-0.08, 0.02)
Q92917	GPKOW	OID20890	192	0.027	0.012	0.025	0.03 (3.33e-03, 0.05)	0.150	0.106	0.017	0.025	0.480	0.02 (-0.03, 0.07)	0.001	0.660	0.009	0.023	0.695	0.01 (-0.04, 0.05)	0.025	0.024	0.281	0.03 (-0.02, 0.07)
P05231	IL6	OID20563	192	0.032	0.014	0.025	0.03 (3.92e-03, 0.06)	0.150	5.60E-06	-0.055	0.027	0.041	-0.05 (-0.11, -2.72e-03)	0.005	1.93E-04	-0.020	0.020	0.314	-0.02 (-0.06, 0.02)	-0.034	0.025	0.174	-0.03 (-0.08, 0.02)
P27487	DPP4	OID20406	192	-0.031	0.014	0.025	-0.03 (-0.06, -3.83e-0	0.151	1.89E-06	-0.053	0.027	0.050	-0.05 (-0.11, -4.46e-04)	0.001	0.338	-0.029	0.022	0.194	-0.03 (-0.07, 0.01)	-0.025	0.023	0.285	-0.02 (-0.07, 0.02)
Q8TDQ0	HAVCR2	OID21137	192	0.034	0.015	0.026	0.03 (4.03e-03, 0.06)	0.154	1.41E-10	-0.033	0.029	0.253	-0.03 (-0.09, 0.02)	0.004	0.008	0.000	0.019	1.000	8.41e-06 (-0.04, 0.04)	-0.004	0.021	0.837	-4.30e-03 (-0.05, 0.04)
Q8TDL5	BPIFB1	OID20308	192	-0.033	0.015	0.026	-0.03 (-0.06, -3.95e-0	0.155	1.76E-15	0.014	0.029	0.641	0.01 (-0.04, 0.07)	-0.003	0.060	0.009	0.018	0.607	0.01 (-0.03, 0.04)	-0.002	0.023	0.940	-1.75e-03 (-0.05, 0.04)
P25774	CTSS	OID21056	192	0.039	0.018	0.026	0.04 (4.57e-03, 0.07)	0.155	1.22E-16	0.022	0.034	0.526	0.02 (-0.05, 0.09)	0.001	0.552	0.078	0.022	3.54E-04	0.08 (0.04, 0.12)	0.071	0.024	0.004	0.07 (0.02, 0.12)
P17405	SMPD1	OID21028	192	0.046	0.021	0.026	0.05 (0.01, 0.09)	0.155	5.92E-59	0.064	0.040	0.112	0.06 (-0.01, 0.14)	-0.001	0.598	0.051	0.019	0.007	0.05 (0.01, 0.09)	0.037	0.022	0.094	0.04 (-0.01, 0.08)
P02760	AMBP	OID21413	192	0.031	0.014	0.027	0.03 (3.52e-03, 0.06)	0.156	8.35E-07	-0.024	0.027	0.373	-0.02 (-0.08, 0.03)	0.003	0.018	0.027	0.025	0.270	0.03 (-0.02, 0.08)	0.024	0.022	0.272	0.02 (-0.02, 0.07)
P02647	APOA1	OID30769	192	-0.034	0.015	0.027	-0.03 (-0.06, -3.89e-0	0.156	2.17E-13	-0.010	0.030	0.727	-0.01 (-0.07, 0.05)	-0.001	0.356	-0.036	0.024	0.135	-0.04 (-0.08, 0.01)	-0.045	0.026	0.080	-0.05 (-0.10, 0.01)
P26842	CD27	OID21527	192	0.031	0.014	0.027	0.03 (3.55e-03, 0.06)	0.156	3.52E-06	0.002	0.027	0.936	2.18e-03 (-0.05, 0.06)	0.002	0.216	0.011	0.020	0.584	0.01 (-0.03, 0.05)	0.002	0.022	0.939	1.64e-03 (-0.04, 0.04)
Q96IY4	CPB2	OID30734	192	0.029	0.013	0.027	0.03 (3.36e-03, 0.05)	0.156	2.37E-06	-0.004	0.025	0.874	-4.00e-03 (-0.05, 0.05)	0.002	0.128	0.011	0.022	0.617	0.01 (-0.03, 0.05)	0.007	0.020	0.738	0.01 (-0.03, 0.05)
P08709	F7	OID20372	192	0.029	0.013	0.027	0.03 (3.31e-03, 0.05)	0.156	1.66E-05	-0.019	0.025	0.452	-0.02 (-0.07, 0.03)	0.003	0.027	0.018	0.022	0.410	0.02 (-0.02, 0.06)	0.024	0.022	0.274	0.02 (-0.02, 0.07)
P16860	NPPB	OID20125	192	-0.028	0.013	0.027	-0.03 (-0.05, -3.28e-0	0.156	8.64E-05	-0.019	0.025	0.451	-0.02 (-0.07, 0.03)	-0.001	0.653	-0.023	0.022	0.295	-0.02 (-0.07, 0.02)	-0.012	0.022	0.570	-0.01 (-0.05, 0.03)
Q6NUS6	TCTN3	OID30326	192	0.035	0.016	0.027	0.03 (3.97e-03, 0.07)	0.156	2.03E-25	-0.006	0.031	0.857	-0.01 (-0.07, 0.06)	0.002	0.142	0.009	0.019	0.633	0.01 (-0.03, 0.05)	0.005	0.022	0.805	0.01 (-0.04, 0.05)
P13725	OSM	OID20574	192	0.030	0.014	0.027	0.03 (3.42e-03, 0.06)	0.157	2.91E-04	0.017	0.027	0.523	0.02 (-0.04, 0.07)	0.001	0.561	0.066	0.020	0.001	0.07 (0.03, 0.10)	0.062	0.023	0.008	0.06 (0.02, 0.11)
Q02763	TEK	OID21496	192	0.037	0.017	0.027	0.04 (4.12e-03, 0.07)	0.157	8.47E-30	0.067	0.032	0.039	0.07 (3.98e-03, 0.13)	-0.002	0.273	0.030	0.022	0.171	0.03 (-0.01, 0.07)	0.038	0.022	0.083	0.04 (-4.81e-03, 0.08)
Q9UK85	DKKL1	OID21313	192	-0.016	0.007	0.027	-0.02 (-0.03, -1.83e-0	0.157	2.09E-08	-0.017	0.014	0.231	-0.02 (-0.05, 0.01)	0.000	0.943	-0.013	0.012	0.288	-0.01 (-0.04, 0.01)	-0.005	0.012	0.657	-0.01 (-0.03, 0.02)
P31431	SDC4	OID20216	192	-0.032	0.015	0.027	-0.03 (-0.06, -3.58e-0	0.157	1.34E-07	-0.062	0.028	0.030	-0.06 (-0.12, -0.01)	0.002	0.224	-0.022	0.024	0.374	-0.02 (-0.07, 0.03)	-0.021	0.026	0.413	-0.02 (-0.07, 0.03)
Q9H3S3	TMPRSS5	OID20947	192	-0.029	0.013	0.028	-0.03 (-0.06, -3.22e-0	0.158	1.04E-12	-0.001	0.026	0.969	-9.89e-04 (-0.05, 0.05)	-0.002	0.199	-0.010	0.021	0.643	-0.01 (-0.05, 0.03)	-0.002	0.020	0.930	-1.75e-03 (-0.04, 0.04)
P03952	KLKB1	OID30760	192	0.030	0.014	0.028	0.03 (3.24e-03, 0.06)	0.159	1.00E-07	0.018	0.026	0.481	0.02 (-0.03, 0.07)	0.001	0.616	0.054	0.020	0.007	0.05 (0.01, 0.09)	0.041	0.023	0.071	0.04 (-3.33e-03, 0.09)
O43927	CXCL13	OID21024	192	0.033	0.015	0.028	0.03 (3.54e-03, 0.06)	0.160	1.35E-07	0.011	0.029	0.715	0.01 (-0.05, 0.07)	0.001	0.371	0.031	0.024	0.196	0.03 (-0.02, 0.08)	0.038	0.023	0.094	0.04 (-0.01, 0.08)
P15090	FABP4	OID20245	192	0.037	0.017	0.028	0.04 (4.04e-03, 0.07)	0.160	1.54E-25	-0.070	0.032	0.030	-0.07 (-0.13, -0.01)	0.007	1.17E-04	-0.006	0.022	0.771	-0.01 (-0.05, 0.04)	0.000	0.025	0.994	-1.84e-04 (-0.05, 0.05)
P42658	DPP6	OID21354	192	0.039	0.018	0.028	0.04 (4.18e-03, 0.07)	0.160	1.64E-27	0.100	0.034	0.004	0.10 (0.03, 0.17)	-0.004	0.040	0.048	0.024	0.048	0.05 (3.73e-04, 0.10)	0.044	0.024	0.066	0.04 (-2.70e-03, 0.09)
P05231	IL6	OID20101	192	0.032	0.014	0.028	0.03 (3.40e-03, 0.06)	0.160	1.88E-06	-0.057	0.027	0.034	-0.06 (-0.11, -4.70e-03)	0.006	1.53E-04	0.005	0.020	0.812	4.83e-03 (-0.03, 0.04)	-0.026	0.026	0.311	-0.03 (-0.08, 0.02)
O60218	AKR1B10	OID30955	192	0.026	0.012	0.028	0.03 (2.80e-03, 0.05)	0.160	0.274	0.014	0.024	0.557	0.01 (-0.03, 0.06)	0.001	0.553	-0.005	0.021	0.798	-0.01 (-0.05, 0.04)	0.003	0.024	0.893	3.21e-03 (-0.04, 0.05)
P21709	EPHA1	OID20677	192	0.032	0.015	0.028	0.03 (3.45e-03, 0.06)	0.160	1.20E-12	-0.032	0.028	0.260	-0.03 (-0.09, 0.02)	0.004	0.008	0.005	0.018	0.766	0.01 (-0.03, 0.04)	0.011	0.020	0.593	0.01 (-0.03, 0.05)
Q9Y662	HS3ST3B1	OID21303	192	0.029	0.013	0.028	0.03 (3.09e-03, 0.05)	0.160	4.86E-04	0.035	0.026	0.175	0.04 (-0.02, 0.09)	0.000	0.786	0.024	0.020	0.229	0.02 (-0.02, 0.06)	0.030	0.022	0.176	0.03 (-0.01, 0.07)
P09326	CD48	OID20692	192	0.029	0.013	0.029	0.03 (2.99e-03, 0.05)	0.162	6.86E-08	0.026	0.026	0.308	0.03 (-0.02, 0.08)	0.000	0.901	0.012	0.018	0.505	0.01 (-0.02, 0.05)	0.013	0.022	0.546	0.01 (-0.03, 0.06)
O95750	FGF19	OID20715	192	-0.028	0.013	0.029	-0.03 (-0.05, -2.86e-0	0.163	0.038	-0.029	0.025	0.242	-0.03 (-0.08, 0.02)	0.000	0.955	-0.025	0.023	0.273	-0.03 (-0.07, 0.02)	-0.018	0.024	0.444	-0.02 (-0.06, 0.03)
P20807	CAPN3	OID31384	192	0.026	0.012	0.030	0.03 (2.54e-03, 0.05)	0.167	0.652	-0.012	0.023	0.602	-0.01 (-0.06, 0.03)	0.002	0.056	-0.011	0.021	0.602	-0.01 (-0.05, 0.03)	-0.014	0.024	0.565	-0.01 (-0.06, 0.03)
Q14767	LTBP2	OID20254	192	-0.029	0.013	0.030	-0.03 (-0.05, -2.80e-0	0.167	2.89E-11	-0.002	0.026	0.946	-1.72e-03 (-0.05, 0.05)	-0.002	0.219	0.004	0.017	0.823	3.91e-03 (-0.03, 0.04)	-0.016	0.020	0.425	-0.02 (-0.06, 0.02)
Q8NBK3	SUMF1	OID30486	192	0.029	0.013	0.030	0.03 (2.81e-03, 0.05)	0.167	0.032	0.058	0.026	0.024	0.06 (0.01, 0.11)	-0.002	0.179	0.064	0.023	0.006	0.06 (0.02, 0.11)	0.053	0.024	0.028	0.05 (0.01, 0.10)
P13473	LAMP2	OID21035	192	0.035	0.016	0.030	0.03 (3.36e-03, 0.07)	0.167	4.81E-12	0.007	0.031	0.828	0.01 (-0.05, 0.07)	0.002	0.293	0.041	0.021	0.051	0.04 (-1.21e-04, 0.08)	0.035	0.024	0.150	0.03 (-0.01, 0.08)
P55083	MFAP4	OID30598	192	0.032	0.015	0.030	0.03 (3.13e-03, 0.06)	0.167	7.98E-09	0.039	0.029	0.180	0.04 (-0.02, 0.10)	0.000	0.792	0.028	0.023	0.216	0.03 (-0.02, 0.07)	0.033	0.023	0.152	0.03 (-0.01, 0.08)
Q8TER0	SNED1	OID30205	192	0.028	0.013	0.030	0.03 (2.71e-03, 0.05)	0.168	0.013	0.046	0.025	0.071	0.05 (-3.68e-03, 0.10)	-0.001	0.417	0.046	0.024	0.057	0.05 (-1.43e-03, 0.09)	0.043	0.024	0.074	0.04 (-3.88e-03, 0.09)
Q9BUN1	C1orf56	OID30595	192	-0.108	0.050	0.030	-0.11 (-0.21, -0.01)	0.169	0.00E+00	-0.100	0.097	0.303	-0.10 (-0.29, 0.09)	0.000	0.924	-0.017	0.020	0.396	-0.02 (-0.06, 0.02)	-0.010	0.021	0.645	-0.01 (-0.05, 0.03)
Q9BRQ6	CHCHD6	OID31426	192	0.028	0.013	0.031	0.03 (2.58e-03, 0.05)	0.170	0.013	0.001	0.025	0.967	1.02e-03 (-0.05, 0.05)	0.002	0.210	0.017	0.025	0.497	0.02 (-0.03, 0.06)	-0.005	0.024	0.850	-4.51e-03 (-0.05, 0.04)
Q8TD06	AGR3	OID21243	192	0.033	0.015	0.031	0.03 (3.06e-03, 0.06)	0.171	1.30E-08	-0.023	0.030	0.445	-0.02 (-0.08, 0.04)	0.004	0.029	0.036	0.025	0.147	0.04 (-0.01, 0.09)	0.035	0.025	0.162	0.03 (-0.01, 0.08)
O94779	CNTN5	OID21006	192	-0.030	0.014	0.031	-0.03 (-0.06, -2.76e-0	0.171	3.68E-17	0.042	0.026	0.112	0.04 (-0.01, 0.09)	-0.005	0.002	0.012	0.017	0.496	0.01 (-0.02, 0.05)	0.015	0.020	0.436	0.02 (-0.02, 0.05)
P53634	CTSC	OID20679	192	0.027	0.012	0.031	0.03 (2.44e-03, 0.05)	0.171	6.13E-08	0.003	0.024	0.885	3.48e-03 (-0.04, 0.05)	0.001	0.257	-0.007	0.017	0.666	-0.01 (-0.04, 0.03)	-0.004	0.019	0.833	-3.94e-03 (-0.04, 0.03)
P03950	ANG	OID20403	192	0.025	0.011	0.031	0.02 (2.22e-03, 0.05)	0.171	0.008	-0.016	0.022	0.460	-0.02 (-0.06, 0.03)	0.003	0.031	0.016	0.021	0.434	0.02 (-0.02, 0.06)	0.011	0.019	0.562	0.01 (-0.03, 0.05)
Q9UMR7	CLEC4A	OID20573	192	-0.034	0.016	0.031	-0.03 (-0.06, -3.02e-0	0.171	3.92E-15	0.015	0.030	0.619	0.01 (-0.04, 0.07)	-0.003	0.061	-0.016	0.021	0.449	-0.02 (-0.06, 0.03)	-0.023	0.024	0.328	-0.02 (-0.07, 0.02)
P15509	CSF2RA	OID20915	192	0.026	0.012	0.032	0.03 (2.27e-03, 0.05)	0.173	0.331	0.018	0.024	0.446	0.02 (-0.03, 0.06)	0.000	0.709	0.006	0.022	0.783	0.01 (-0.04, 0.05)	0.007	0.023	0.760	0.01 (-0.04, 0.05)
P05231	IL6	OID21276	192	0.031	0.014	0.032	0.03 (2.73e-03, 0.06)	0.173	4.56E-07	-0.046	0.027	0.089	-0.05 (-0.10, 0.01)	0.005	0.001	-0.010	0.020	0.618	-0.01 (-0.05, 0.03)	-0.018	0.024	0.460	-0.02 (-0.06, 0.03)
P09486	SPARC	OID21511	192	-0.029	0.014	0.033	-0.03 (-0.06, -2.42e-0	0.178	0.001	-0.059	0.026	0.028	-0.06 (-0.11, -0.01)	0.002	0.197	-0.040	0.024	0.100	-0.04 (-0.09, 0.01)	-0.037	0.024	0.129	-0.04 (-0.08, 0.01)
Q6EMK4	VASN	OID20345	192	-0.029	0.013	0.033	-0.03 (-0.06, -2.36e-0	0.178	6.10E-05	-0.038	0.026	0.144	-0.04 (-0.09, 0.01)	0.001	0.669	-0.009	0.019	0.647	-0.01 (-0.05, 0.03)	-0.008	0.026	0.748	-0.01 (-0.06, 0.04)
P34096	RNASE4	OID30705	192	0.029	0.014	0.033	0.03 (2.35e-03, 0.06)	0.179	1.90E-05	-0.050	0.026	0.052	-0.05 (-0.10, 2.09e-04)	0.005	4.00E-04	-0.039	0.019	0.044	-0.04 (-0.08, -1.05e-03)	-0.036	0.023	0.122	-0.04 (-0.08, 0.01)
O95994	AGR2	OID20896	192	0.030	0.014	0.033	0.03 (2.36e-03, 0.06)	0.180	4.38E-04	0.020	0.027	0.470	0.02 (-0.03, 0.07)	0.001	0.664	0.026	0.025	0.304	0.03 (-0.02, 0.07)	0.024	0.025	0.326	0.02 (-0.02, 0.07)
P15927	RPA2	OID30453	192	0.026	0.012	0.033	0.03 (2.04e-03, 0.05)	0.180	0.925	0.025	0.023	0.282	0.03 (-0.02, 0.07)	0.000	0.982	0.013	0.024	0.594	0.01 (-0.03, 0.06)	0.014	0.024	0.567	0.01 (-0.03, 0.06)
P05160	F13B	OID30781	192	-0.028	0.013	0.033	-0.03 (-0.05, -2.23e-0	0.181	1.45E-05	-0.055	0.026	0.035	-0.05 (-0.11, -4.17e-03)	0.002	0.235	-0.019	0.022	0.401	-0.02 (-0.06, 0.03)	-0.019	0.024	0.420	-0.02 (-0.07, 0.03)
Q13084	MRPL28	OID31023	192	0.025	0.012	0.034	0.03 (1.94e-03, 0.05)	0.182	0.428	0.030	0.023	0.206	0.03 (-0.02, 0.08)	0.000	0.829	0.023	0.025	0.358	0.02 (-0.03, 0.07)	0.019	0.027	0.487	0.02 (-0.03, 0.07)
Q6PGN9	PSRC1	OID21169	192	0.031	0.015	0.034	0.03 (2.34e-03, 0.06)	0.183	6.23E-06	0.027	0.028	0.346	0.03 (-0.03, 0.08)	0.000	0.863	0.020	0.025	0.432	0.02 (-0.03, 0.07)	0.015	0.025	0.543	0.02 (-0.03, 0.07)
Q8NC01	CLEC1A	OID20099	192	-0.025	0.012	0.034	-0.03 (-0.05, -1.90e-0	0.184	0.026	-0.016	0.023	0.486	-0.02 (-0.06, 0.03)	-0.001	0.647	-0.023	0.022	0.285	-0.02 (-0.07, 0.02)	-0.033	0.022	0.148	-0.03 (-0.08, 0.01)
P49763	PGF	OID20673	192	0.028	0.013	0.034	0.03 (2.07e-03, 0.05)	0.185	3.43E-08	-0.054	0.025	0.031	-0.05 (-0.10, -0.01)	0.005	1.56E-04	-0.005	0.019	0.778	-0.01 (-0.04, 0.03)	-0.009	0.022	0.660	-0.01 (-0.05, 0.03)
P14902	IDO1	OID31050	192	0.030	0.014	0.035	0.03 (2.10e-03, 0.06)	0.187	3.02E-06	0.028	0.027	0.307	0.03 (-0.03, 0.08)	0.000	0.943	0.004	0.023	0.865	3.98e-03 (-0.04, 0.05)	-0.004	0.025	0.884	-3.64e-03 (-0.05, 0.05)
O95388	CCN4	OID21444	192	0.029	0.014	0.035	0.03 (2.05e-03, 0.06)	0.187	6.74E-10	-0.020	0.027	0.462	-0.02 (-0.07, 0.03)	0.003	0.033	-0.014	0.019	0.458	-0.01 (-0.05, 0.02)	-0.015	0.019	0.453	-0.01 (-0.05, 0.02)
Q99574	SERPINI1	OID30604	192	-0.027	0.013	0.035	-0.03 (-0.05, -1.86e-0	0.187	0.004	-0.019	0.024	0.442	-0.02 (-0.07, 0.03)	0.000	0.711	-0.035	0.023	0.127	-0.03 (-0.08, 0.01)	-0.033	0.021	0.122	-0.03 (-0.07, 0.01)
Q5W0V3	FHIP2A	OID30187	192	0.025	0.012	0.036	0.03 (1.70e-03, 0.05)	0.190	0.708	0.013	0.023	0.573	0.01 (-0.03, 0.06)	0.001	0.545	0.011	0.025	0.655	0.01 (-0.04, 0.06)	0.018	0.024	0.472	0.02 (-0.03, 0.07)
P17301	ITGA2	OID30570	192	-0.025	0.012	0.036	-0.03 (-0.05, -1.67e-0	0.190	9.20E-05	-0.026	0.023	0.270	-0.03 (-0.07, 0.02)	0.000	0.978	-0.008	0.017	0.641	-0.01 (-0.04, 0.03)	0.000	0.019	0.991	-2.17e-04 (-0.04, 0.04)
Q07954	LRP1	OID21293	192	-0.031	0.015	0.036	-0.03 (-0.06, -2.03e-0	0.190	7.43E-16	-0.017	0.028	0.551	-0.02 (-0.07, 0.04)	-0.001	0.572	-0.018	0.020	0.384	-0.02 (-0.06, 0.02)	-0.017	0.021	0.408	-0.02 (-0.06, 0.02)
O43247	TEX33	OID31280	192	0.025	0.012	0.036	0.03 (1.67e-03, 0.05)	0.190	0.720	0.035	0.023	0.130	0.04 (-0.01, 0.08)	-0.001	0.610	0.040	0.025	0.106	0.04 (-0.01, 0.09)	0.036	0.025	0.156	0.04 (-0.01, 0.09)
Q49A26	GLYR1	OID31364	192	0.025	0.012	0.036	0.02 (1.60e-03, 0.05)	0.191	0.173	0.037	0.024	0.126	0.04 (-0.01, 0.08)	-0.001	0.556	-0.001	0.023	0.954	-1.30e-03 (-0.05, 0.04)	0.009	0.026	0.721	0.01 (-0.04, 0.06)
P08571	CD14	OID20378	192	-0.033	0.016	0.036	-0.03 (-0.06, -2.12e-0	0.191	1.38E-12	-0.052	0.031	0.092	-0.05 (-0.11, 0.01)	0.001	0.473	-0.038	0.023	0.103	-0.04 (-0.08, 0.01)	-0.044	0.022	0.047	-0.04 (-0.09, -9.21e-04)
O60934	NBN	OID20442	192	0.024	0.012	0.037	0.02 (1.49e-03, 0.05)	0.193	0.456	0.006	0.023	0.792	0.01 (-0.04, 0.05)	0.001	0.346	-0.004	0.021	0.859	-3.77e-03 (-0.05, 0.04)	0.009	0.024	0.693	0.01 (-0.04, 0.06)
O60437	PPL	OID30564	192	0.029	0.014	0.037	0.03 (1.78e-03, 0.06)	0.193	0.001	-0.019	0.026	0.481	-0.02 (-0.07, 0.03)	0.003	0.038	0.002	0.025	0.941	1.89e-03 (-0.05, 0.05)	0.010	0.025	0.704	0.01 (-0.04, 0.06)
Q9NUW8	TDP1	OID31403	192	0.031	0.015	0.037	0.03 (1.88e-03, 0.06)	0.193	5.37E-07	0.013	0.029	0.641	0.01 (-0.04, 0.07)	0.001	0.478	0.006	0.025	0.806	0.01 (-0.04, 0.05)	0.004	0.024	0.868	4.02e-03 (-0.04, 0.05)
P10646	TFPI	OID20388	192	-0.026	0.012	0.037	-0.03 (-0.05, -1.51e-0	0.195	0.009	-0.047	0.024	0.050	-0.05 (-0.09, -3.05e-04)	0.001	0.296	-0.008	0.020	0.683	-0.01 (-0.05, 0.03)	-0.006	0.026	0.814	-0.01 (-0.06, 0.04)
Q6UXB8	PI16	OID30676	192	-0.028	0.014	0.038	-0.03 (-0.05, -1.61e-0	0.197	1.18E-05	-0.043	0.026	0.106	-0.04 (-0.09, 0.01)	0.001	0.521	-0.026	0.022	0.225	-0.03 (-0.07, 0.02)	-0.026	0.019	0.173	-0.03 (-0.06, 0.01)
O43827	ANGPTL7	OID21412	192	0.063	0.030	0.038	0.06 (3.54e-03, 0.12)	0.198	3.40E-189	-0.006	0.059	0.920	-0.01 (-0.12, 0.11)	0.004	0.172	0.014	0.022	0.517	0.01 (-0.03, 0.06)	0.025	0.023	0.293	0.02 (-0.02, 0.07)
Q9GZM7	TINAGL1	OID20180	192	-0.028	0.013	0.038	-0.03 (-0.05, -1.53e-0	0.198	4.23E-04	-0.034	0.026	0.189	-0.03 (-0.09, 0.02)	0.000	0.771	-0.008	0.022	0.735	-0.01 (-0.05, 0.04)	-0.020	0.024	0.411	-0.02 (-0.07, 0.03)
P09769	FGR	OID20828	192	0.026	0.013	0.039	0.03 (1.33e-03, 0.05)	0.202	0.034	0.030	0.025	0.220	0.03 (-0.02, 0.08)	0.000	0.846	0.038	0.023	0.105	0.04 (-0.01, 0.08)	0.032	0.022	0.149	0.03 (-0.01, 0.08)
P01241	GH1	OID20220	192	-0.023	0.011	0.040	-0.02 (-0.04, -1.09e-0	0.206	0.089	-0.002	0.023	0.939	-1.76e-03 (-0.05, 0.04)	-0.001	0.285	-0.041	0.021	0.053	-0.04 (-0.08, 5.86e-04)	-0.035	0.022	0.112	-0.03 (-0.08, 0.01)
Q92185	ST8SIA1	OID30442	192	0.028	0.014	0.040	0.03 (1.31e-03, 0.05)	0.206	0.008	0.069	0.026	0.009	0.07 (0.02, 0.12)	-0.003	0.068	0.019	0.024	0.429	0.02 (-0.03, 0.07)	0.029	0.027	0.286	0.03 (-0.02, 0.08)
P13995	MTHFD2	OID31078	192	0.025	0.012	0.040	0.02 (1.13e-03, 0.05)	0.206	0.636	0.040	0.023	0.087	0.04 (-0.01, 0.08)	-0.001	0.443	0.037	0.023	0.113	0.04 (-0.01, 0.08)	0.027	0.024	0.265	0.03 (-0.02, 0.07)
P13807	GYS1	OID20097	192	-0.034	0.017	0.040	-0.03 (-0.07, -1.56e-0	0.207	2.34E-16	-0.022	0.033	0.507	-0.02 (-0.09, 0.04)	-0.001	0.647	-0.017	0.023	0.466	-0.02 (-0.06, 0.03)	-0.029	0.024	0.233	-0.03 (-0.08, 0.02)
Q9UNP9	PPIE	OID31279	192	0.025	0.012	0.040	0.02 (1.12e-03, 0.05)	0.207	0.250	0.048	0.024	0.045	0.05 (1.39e-03, 0.10)	-0.002	0.249	0.031	0.025	0.212	0.03 (-0.02, 0.08)	0.030	0.025	0.230	0.03 (-0.02, 0.08)
P21579	SYT1	OID31089	192	-0.029	0.014	0.041	-0.03 (-0.06, -1.21e-0	0.209	7.79E-05	-0.014	0.027	0.606	-0.01 (-0.07, 0.04)	-0.001	0.531	-0.055	0.021	0.007	-0.06 (-0.10, -0.02)	-0.046	0.026	0.079	-0.05 (-0.10, 0.01)
P19438	TNFRSF1A	OID21155	192	0.029	0.014	0.041	0.03 (1.22e-03, 0.06)	0.209	1.35E-06	-0.047	0.027	0.076	-0.05 (-0.10, 4.61e-03)	0.005	0.001	-0.023	0.022	0.297	-0.02 (-0.07, 0.02)	-0.024	0.023	0.308	-0.02 (-0.07, 0.02)
P05543	SERPINA7	OID30724	192	0.029	0.014	0.041	0.03 (1.22e-03, 0.06)	0.210	6.53E-06	-0.025	0.028	0.368	-0.02 (-0.08, 0.03)	0.003	0.023	0.015	0.024	0.535	0.01 (-0.03, 0.06)	0.014	0.021	0.510	0.01 (-0.03, 0.05)
Q9H156	SLITRK2	OID21409	192	0.028	0.014	0.041	0.03 (1.16e-03, 0.06)	0.210	1.47E-05	0.019	0.027	0.477	0.02 (-0.03, 0.07)	0.001	0.692	0.000	0.022	0.999	-2.51e-05 (-0.04, 0.04)	0.017	0.024	0.486	0.02 (-0.03, 0.06)
Q8N967	LRTM2	OID31020	192	-0.027	0.013	0.041	-0.03 (-0.05, -1.08e-0	0.210	0.001	0.013	0.025	0.607	0.01 (-0.04, 0.06)	-0.003	0.067	-0.008	0.024	0.739	-0.01 (-0.05, 0.04)	-0.020	0.022	0.369	-0.02 (-0.06, 0.02)
P08174	CD55	OID20377	192	-0.029	0.014	0.041	-0.03 (-0.06, -1.11e-0	0.211	1.86E-06	-0.079	0.027	0.004	-0.08 (-0.13, -0.03)	0.003	0.032	-0.057	0.024	0.015	-0.06 (-0.10, -0.01)	-0.069	0.022	0.002	-0.07 (-0.11, -0.03)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q9UBX1	CTSF	OID21500	192	0.037	0.018	0.042	0.04 (1.37e-03, 0.07)	0.211	1.25E-31	0.077	0.036	0.032	0.08 (0.01, 0.15)	-0.002	0.195	0.076	0.021	4.30E-04	0.08 (0.03, 0.12)	0.068	0.023	0.004	0.07 (0.02, 0.11)
P24071	FCAR	OID20564	192	0.027	0.013	0.042	0.03 (1.00e-03, 0.05)	0.211	1.50E-11	0.011	0.026	0.665	0.01 (-0.04, 0.06)	0.001	0.471	-0.006	0.017	0.707	-0.01 (-0.04, 0.03)	-0.016	0.021	0.443	-0.02 (-0.06, 0.03)
P02750	LRG1	OID30751	192	-0.025	0.012	0.042	-0.03 (-0.05, -9.27e-04	0.211	4.56E-04	-0.029	0.024	0.232	-0.03 (-0.08, 0.02)	0.000	0.862	-0.031	0.022	0.146	-0.03 (-0.07, 0.01)	-0.015	0.019	0.427	-0.02 (-0.05, 0.02)
P23582	NPPC	OID20568	192	0.024	0.012	0.042	0.02 (9.17e-04, 0.05)	0.211	0.005	-0.002	0.023	0.943	-1.61e-03 (-0.05, 0.04)	0.002	0.191	0.002	0.021	0.923	2.04e-03 (-0.04, 0.04)	0.006	0.022	0.773	0.01 (-0.04, 0.05)
Q99460	PSMD1	OID31058	192	0.024	0.012	0.042	0.02 (8.73e-04, 0.05)	0.211	0.074	0.029	0.024	0.230	0.03 (-0.02, 0.08)	0.000	0.791	0.034	0.024	0.159	0.03 (-0.01, 0.08)	0.040	0.023	0.086	0.04 (-0.01, 0.09)
Q9Y6N7	ROBO1	OID20734	192	0.034	0.017	0.042	0.03 (1.26e-03, 0.07)	0.211	3.08E-18	0.005	0.032	0.887	4.63e-03 (-0.06, 0.07)	0.002	0.291	0.005	0.022	0.826	4.81e-03 (-0.04, 0.05)	0.015	0.026	0.562	0.02 (-0.04, 0.07)
Q15399	TLR1	OID30532	192	0.026	0.013	0.042	0.03 (9.80e-04, 0.05)	0.211	0.009	0.055	0.025	0.028	0.06 (0.01, 0.10)	-0.002	0.179	0.032	0.024	0.184	0.03 (-0.02, 0.08)	0.037	0.023	0.116	0.04 (-0.01, 0.08)
Q9P2M1	LRP2BP	OID30907	192	0.028	0.014	0.042	0.03 (1.00e-03, 0.05)	0.212	0.004	0.022	0.027	0.411	0.02 (-0.03, 0.07)	0.000	0.794	0.029	0.026	0.252	0.03 (-0.02, 0.08)	0.037	0.025	0.140	0.04 (-0.01, 0.09)
P06276	BCHE	OID30717	192	0.034	0.017	0.043	0.03 (1.09e-03, 0.07)	0.215	7.21E-26	-0.019	0.032	0.560	-0.02 (-0.08, 0.04)	0.003	0.057	0.011	0.022	0.615	0.01 (-0.03, 0.05)	0.007	0.023	0.773	0.01 (-0.04, 0.05)
Q8WYQ3	CHCHD10	OID31116	192	0.028	0.014	0.043	0.03 (8.71e-04, 0.05)	0.216	1.05E-07	-0.056	0.026	0.032	-0.06 (-0.11, -0.01)	0.005	2.12E-04	-0.010	0.019	0.596	-0.01 (-0.05, 0.03)	-0.018	0.022	0.409	-0.02 (-0.06, 0.02)
Q99972	MYOC	OID21121	192	-0.029	0.014	0.043	-0.03 (-0.06, -8.84e-04	0.216	9.69E-09	-0.013	0.027	0.629	-0.01 (-0.07, 0.04)	-0.001	0.515	-0.032	0.023	0.160	-0.03 (-0.08, 0.01)	-0.034	0.021	0.115	-0.03 (-0.08, 0.01)
P12544	GZMA	OID20663	192	0.043	0.021	0.043	0.04 (1.29e-03, 0.09)	0.217	2.21E-55	0.028	0.042	0.498	0.03 (-0.05, 0.11)	0.001	0.674	0.003	0.020	0.878	3.13e-03 (-0.04, 0.04)	0.007	0.023	0.750	0.01 (-0.04, 0.05)
Q9NZP8	C1RL	OID30721	192	0.033	0.016	0.043	0.03 (9.52e-04, 0.06)	0.217	1.51E-17	-0.028	0.031	0.374	-0.03 (-0.09, 0.03)	0.004	0.024	0.014	0.022	0.543	0.01 (-0.03, 0.06)	0.011	0.023	0.617	0.01 (-0.03, 0.06)
Q9HBE5	IL21R	OID30441	192	0.024	0.012	0.044	0.02 (7.00e-04, 0.05)	0.217	0.316	0.049	0.024	0.041	0.05 (2.27e-03, 0.10)	-0.002	0.228	0.027	0.026	0.311	0.03 (-0.02, 0.08)	0.040	0.025	0.112	0.04 (-0.01, 0.09)
P85299	PRR5	OID30457	192	0.024	0.012	0.044	0.02 (6.73e-04, 0.05)	0.218	0.174	0.030	0.025	0.226	0.03 (-0.02, 0.08)	0.000	0.796	-0.009	0.023	0.679	-0.01 (-0.05, 0.03)	-0.016	0.026	0.557	-0.02 (-0.07, 0.04)
P28907	CD38	OID21316	192	0.023	0.011	0.044	0.02 (6.23e-04, 0.05)	0.218	4.47E-06	-0.001	0.022	0.958	-1.15e-03 (-0.04, 0.04)	0.002	0.202	0.000	0.015	0.994	1.23e-04 (-0.03, 0.03)	-0.014	0.021	0.500	-0.01 (-0.05, 0.03)
Q6P1J6	PLB1	OID31110	192	-0.023	0.012	0.044	-0.02 (-0.05, -6.17e-04	0.218	1.81E-11	0.009	0.022	0.679	0.01 (-0.03, 0.05)	-0.002	0.090	-0.003	0.015	0.858	-2.65e-03 (-0.03, 0.03)	-0.002	0.016	0.917	-1.73e-03 (-0.03, 0.03)
Q13410	BTN1A1	OID31363	192	0.024	0.012	0.044	0.02 (6.22e-04, 0.05)	0.219	0.258	0.015	0.024	0.531	0.01 (-0.03, 0.06)	0.001	0.660	0.025	0.025	0.317	0.02 (-0.02, 0.07)	0.023	0.023	0.316	0.02 (-0.02, 0.07)
Q15063	POSTN	OID30410	192	-0.028	0.014	0.045	-0.03 (-0.06, -5.81e-04	0.224	3.69E-06	0.013	0.027	0.634	0.01 (-0.04, 0.07)	-0.003	0.078	-0.011	0.023	0.626	-0.01 (-0.06, 0.03)	-0.007	0.021	0.755	-0.01 (-0.05, 0.03)
P10721	KIT	OID20370	192	-0.028	0.014	0.046	-0.03 (-0.05, -5.45e-04	0.225	1.41E-06	0.004	0.027	0.894	3.59e-03 (-0.05, 0.06)	-0.002	0.174	-0.005	0.019	0.805	-4.67e-03 (-0.04, 0.03)	0.007	0.023	0.754	0.01 (-0.04, 0.05)
Q9HCU5	PREB	OID20439	192	0.024	0.012	0.046	0.02 (4.48e-04, 0.05)	0.226	0.051	0.017	0.025	0.502	0.02 (-0.03, 0.07)	0.000	0.747	0.035	0.025	0.162	0.03 (-0.01, 0.08)	0.030	0.025	0.220	0.03 (-0.02, 0.08)
O15116	LSM1	OID21210	192	-0.024	0.012	0.046	-0.02 (-0.05, -4.06e-04	0.227	0.085	0.006	0.025	0.825	0.01 (-0.04, 0.05)	-0.002	0.168	-0.013	0.023	0.582	-0.01 (-0.06, 0.03)	-0.015	0.023	0.528	-0.01 (-0.06, 0.03)
P39059	COL15A1	OID30396	192	-0.028	0.014	0.046	-0.03 (-0.06, -4.45e-04	0.227	4.02E-07	-0.094	0.027	0.001	-0.09 (-0.15, -0.04)	0.004	0.005	-0.078	0.020	8.71E-05	-0.08 (-0.12, -0.04)	-0.086	0.023	2.53E-04	-0.09 (-0.13, -0.04)
Q9UBP4	DKK3	OID20264	192	-0.031	0.016	0.046	-0.03 (-0.06, -4.99e-04	0.227	5.63E-18	0.024	0.030	0.427	0.02 (-0.04, 0.08)	-0.003	0.033	-0.009	0.018	0.615	-0.01 (-0.04, 0.03)	0.003	0.021	0.866	3.48e-03 (-0.04, 0.04)
P21589	NT5E	OID21498	192	0.026	0.013	0.046	0.03 (4.12e-04, 0.05)	0.227	1.08E-07	0.018	0.026	0.478	0.02 (-0.03, 0.07)	0.001	0.712	0.041	0.021	0.050	0.04 (-3.94e-05, 0.08)	0.033	0.023	0.151	0.03 (-0.01, 0.08)
P18564	ITGB6	OID20493	192	0.028	0.014	0.047	0.03 (4.11e-04, 0.06)	0.228	1.43E-08	0.073	0.027	0.008	0.07 (0.02, 0.13)	-0.003	0.057	0.066	0.021	0.002	0.07 (0.03, 0.11)	0.061	0.022	0.006	0.06 (0.02, 0.10)
Q8WVV4	POF1B	OID30504	192	0.028	0.014	0.047	0.03 (3.32e-04, 0.06)	0.231	1.68E-04	0.006	0.027	0.833	0.01 (-0.05, 0.06)	0.001	0.344	-0.019	0.022	0.377	-0.02 (-0.06, 0.02)	-0.031	0.026	0.238	-0.03 (-0.08, 0.02)
P07992	ERCC1	OID31223	192	0.024	0.012	0.048	0.02 (2.48e-04, 0.05)	0.232	0.549	0.051	0.024	0.031	0.05 (4.91e-03, 0.10)	-0.002	0.182	0.035	0.024	0.156	0.03 (-0.01, 0.08)	0.045	0.024	0.067	0.04 (-2.86e-03, 0.09)
P17927	CR1	OID30697	192	0.028	0.014	0.048	0.03 (2.76e-04, 0.06)	0.232	8.42E-10	-0.054	0.026	0.041	-0.05 (-0.11, -2.49e-03)	0.005	3.59E-04	-0.008	0.017	0.649	-0.01 (-0.04, 0.03)	-0.051	0.022	0.025	-0.05 (-0.10, -0.01)
P01133	EGF	OID20698	192	-0.028	0.014	0.048	-0.03 (-0.06, -2.44e-04	0.233	5.82E-05	-0.012	0.027	0.652	-0.01 (-0.07, 0.04)	-0.001	0.508	-0.003	0.021	0.868	-3.50e-03 (-0.04, 0.04)	-0.014	0.025	0.593	-0.01 (-0.06, 0.04)
Q8NHV1	GIMAP7	OID30639	192	-0.025	0.013	0.049	-0.03 (-0.05, -1.65e-04	0.235	0.001	0.003	0.025	0.905	2.95e-03 (-0.05, 0.05)	-0.002	0.184	0.003	0.021	0.869	3.44e-03 (-0.04, 0.04)	0.001	0.023	0.963	1.08e-03 (-0.04, 0.05)
Q9Y6Y9	LY96	OID20945	192	0.032	0.016	0.048	0.03 (2.15e-04, 0.06)	0.235	4.87E-15	0.017	0.032	0.589	0.02 (-0.05, 0.08)	0.001	0.579	-0.003	0.021	0.894	-2.79e-03 (-0.04, 0.04)	-0.008	0.023	0.732	-0.01 (-0.05, 0.04)
P13521	SCG2	OID21400	192	0.029	0.015	0.049	0.03 (1.43e-04, 0.06)	0.236	5.31E-07	0.076	0.028	0.007	0.08 (0.02, 0.13)	-0.003	0.050	0.061	0.021	0.004	0.06 (0.02, 0.10)	0.057	0.022	0.010	0.06 (0.01, 0.10)
O15263;O1	DEFB4A;DEFB	OID21373	192	0.025	0.013	0.049	0.03 (8.69e-05, 0.05)	0.237	0.003	0.015	0.025	0.546	0.02 (-0.03, 0.06)	0.001	0.634	0.032	0.024	0.181	0.03 (-0.01, 0.08)	0.041	0.023	0.075	0.04 (-3.93e-03, 0.09)
Q9BXY4	RSPO3	OID21415	192	-0.027	0.014	0.050	-0.03 (-0.05, -2.79e-05	0.239	3.01E-07	-0.027	0.027	0.320	-0.03 (-0.08, 0.03)	0.000	0.988	-0.017	0.021	0.414	-0.02 (-0.06, 0.02)	-0.029	0.021	0.173	-0.03 (-0.07, 0.01)
Q9ULI3	HEG1	OID30579	192	0.043	0.022	0.050	0.04 (-7.82e-06, 0.09)	0.240	7.71E-70	0.009	0.043	0.834	0.01 (-0.08, 0.09)	0.002	0.350	0.029	0.021	0.177	0.03 (-0.01, 0.07)	0.023	0.022	0.304	0.02 (-0.02, 0.07)
O43699	SIGLEC6	OID21394	192	0.026	0.013	0.050	0.03 (2.55e-06, 0.05)	0.240	1.73E-06	0.033	0.025	0.198	0.03 (-0.02, 0.08)	0.000	0.744	0.047	0.021	0.024	0.05 (0.01, 0.09)	0.035	0.019	0.070	0.04 (-2.70e-03, 0.07)
Q96MM7	HS6ST2	OID30481	192	0.028	0.014	0.051	0.03 (-9.22e-05, 0.06)	0.243	2.50E-07	0.025	0.028	0.374	0.02 (-0.03, 0.08)	0.000	0.894	-0.002	0.023	0.938	-1.79e-03 (-0.05, 0.04)	0.014	0.023	0.555	0.01 (-0.03, 0.06)
P22692	IGFBP4	OID21158	192	0.027	0.014	0.051	0.03 (-9.57e-05, 0.05)	0.243	3.05E-06	-0.016	0.027	0.548	-0.02 (-0.07, 0.04)	0.003	0.060	-0.004	0.021	0.865	-3.61e-03 (-0.05, 0.04)	0.004	0.022	0.846	4.31e-03 (-0.04, 0.05)
Q9NY59	SMPD3	OID30477	192	-0.023	0.012	0.051	-0.02 (-0.05, 9.64e-05	0.243	0.092	0.028	0.025	0.255	0.03 (-0.02, 0.08)	-0.003	0.015	-0.021	0.023	0.364	-0.02 (-0.07, 0.02)	-0.017	0.023	0.468	-0.02 (-0.06, 0.03)
Q02246	CNTN2	OID21426	192	0.027	0.014	0.051	0.03 (-1.68e-04, 0.05)	0.245	1.88E-16	0.057	0.027	0.034	0.06 (4.73e-03, 0.11)	-0.002	0.189	0.012	0.017	0.493	0.01 (-0.02, 0.05)	0.010	0.022	0.661	0.01 (-0.03, 0.05)
Q6UXZ4	UNC5D	OID30447	192	-0.027	0.014	0.052	-0.03 (-0.05, 2.15e-04	0.247	0.001	-0.005	0.027	0.860	-4.76e-03 (-0.06, 0.05)	-0.001	0.336	-0.017	0.025	0.515	-0.02 (-0.07, 0.03)	-0.012	0.025	0.622	-0.01 (-0.06, 0.04)
P07602	PSAP	OID30419	192	0.027	0.014	0.052	0.03 (-2.37e-04, 0.05)	0.247	3.70E-06	0.005	0.027	0.844	0.01 (-0.05, 0.06)	0.001	0.351	-0.001	0.023	0.969	-8.81e-04 (-0.05, 0.04)	0.008	0.024	0.745	0.01 (-0.04, 0.05)
P98095	FBLN2	OID30378	192	-0.028	0.014	0.052	-0.03 (-0.06, 2.67e-04	0.248	1.40E-07	-0.068	0.027	0.014	-0.07 (-0.12, -0.01)	0.003	0.085	-0.032	0.023	0.161	-0.03 (-0.08, 0.01)	-0.035	0.022	0.111	-0.03 (-0.08, 0.01)
P14780	MMP9	OID21103	192	0.026	0.013	0.052	0.03 (-2.60e-04, 0.05)	0.248	0.001	0.019	0.026	0.464	0.02 (-0.03, 0.07)	0.000	0.756	0.035	0.019	0.066	0.03 (-2.23e-03, 0.07)	0.045	0.023	0.051	0.04 (1.71e-04, 0.09)
Q9C0A0	CNTNAP4	OID30911	192	0.030	0.015	0.053	0.03 (-3.97e-04, 0.06)	0.251	1.15E-07	0.031	0.030	0.296	0.03 (-0.03, 0.09)	0.000	0.952	0.011	0.024	0.639	0.01 (-0.04, 0.06)	0.012	0.026	0.651	0.01 (-0.04, 0.06)
P29965	CD40LG	OID20616	192	-0.025	0.013	0.053	-0.03 (-0.05, 3.73e-04	0.252	0.018	-0.031	0.025	0.226	-0.03 (-0.08, 0.02)	0.000	0.798	-0.004	0.022	0.864	-3.73e-03 (-0.05, 0.04)	-0.018	0.024	0.451	-0.02 (-0.07, 0.03)
Q96LB8	PGLYRP4	OID30101	192	0.022	0.011	0.054	0.02 (-3.44e-04, 0.04)	0.253	0.954	-0.013	0.022	0.542	-0.01 (-0.06, 0.03)	0.002	0.062	0.003	0.023	0.914	2.53e-03 (-0.04, 0.05)	-0.003	0.022	0.880	-3.37e-03 (-0.05, 0.04)
Q9NZ53	PODXL2	OID21487	192	-0.031	0.016	0.054	-0.03 (-0.06, 5.14e-04	0.253	4.19E-15	0.026	0.031	0.414	0.03 (-0.04, 0.09)	-0.004	0.035	-0.021	0.024	0.377	-0.02 (-0.07, 0.03)	-0.006	0.022	0.794	-0.01 (-0.05, 0.04)
Q16762	TST	OID20868	192	-0.025	0.013	0.054	-0.03 (-0.05, 4.32e-04	0.254	0.038	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)	0.001	0.513	-0.045	0.024	0.059	-0.04 (-0.09, 1.66e-03)	-0.044	0.022	0.046	-0.04 (-0.09, -1.02e-03)
P39748	FEN1	OID21192	192	0.023	0.012	0.054	0.02 (-4.24e-04, 0.05)	0.255	0.414	0.029	0.023	0.207	0.03 (-0.02, 0.07)	0.000	0.741	0.016	0.022	0.465	0.02 (-0.03, 0.06)	0.019	0.023	0.420	0.02 (-0.03, 0.06)
O75629	CREG1	OID21515	192	0.043	0.022	0.055	0.04 (-8.50e-04, 0.09)	0.256	3.63E-69	0.018	0.043	0.676	0.02 (-0.07, 0.10)	0.002	0.505	0.008	0.023	0.735	0.01 (-0.04, 0.05)	0.000	0.023	0.989	-3.16e-04 (-0.04, 0.04)
Q8N423	LILRB2	OID20301	192	0.024	0.012	0.055	0.02 (-4.88e-04, 0.05)	0.256	1.80E-18	-0.009	0.024	0.706	-0.01 (-0.06, 0.04)	0.002	0.109	-0.002	0.018	0.902	-2.27e-03 (-0.04, 0.03)	-0.014	0.018	0.447	-0.01 (-0.05, 0.02)
Q15109	AGER	OID20756	192	-0.031	0.016	0.055	-0.03 (-0.06, 7.00e-04	0.258	2.17E-14	0.013	0.031	0.665	0.01 (-0.05, 0.07)	-0.003	0.097	-0.044	0.023	0.058	-0.04 (-0.09, 1.55e-03)	-0.036	0.022	0.098	-0.04 (-0.08, 0.01)
Q13332	PTPRS	OID20306	192	-0.028	0.015	0.056	-0.03 (-0.06, 6.91e-04	0.259	3.55E-09	-0.045	0.029	0.117	-0.05 (-0.10, 0.01)	0.001	0.494	-0.007	0.020	0.725	-0.01 (-0.05, 0.03)	-0.014	0.023	0.532	-0.01 (-0.06, 0.03)
P36222	CHI3L1	OID20399	192	0.023	0.012	0.056	0.02 (-6.04e-04, 0.05)	0.261	0.001	0.011	0.023	0.637	0.01 (-0.03, 0.06)	0.001	0.549	0.013	0.021	0.522	0.01 (-0.03, 0.05)	0.016	0.020	0.440	0.02 (-0.02, 0.06)
P02787	TF	OID30783	192	0.030	0.016	0.056	0.03 (-8.07e-04, 0.06)	0.261	5.49E-14	-0.019	0.031	0.542	-0.02 (-0.08, 0.04)	0.003	0.062	0.008	0.025	0.740	0.01 (-0.04, 0.06)	0.008	0.025	0.746	0.01 (-0.04, 0.06)
Q9UQP3	TNN	OID30412	192	0.021	0.011	0.056	0.02 (-5.38e-04, 0.04)	0.261	1.08E-08	0.025	0.021	0.224	0.03 (-0.02, 0.07)	0.000	0.787	0.010	0.017	0.538	0.01 (-0.02, 0.04)	0.021	0.018	0.238	0.02 (-0.01, 0.06)
Q0VD83	APOBR	OID30246	192	-0.018	0.010	0.056	-0.02 (-0.04, 5.03e-04	0.261	8.90E-07	-0.006	0.019	0.748	-0.01 (-0.04, 0.03)	-0.001	0.439	-0.036	0.013	0.005	-0.04 (-0.06, -0.01)	-0.031	0.015	0.047	-0.03 (-0.06, -6.21e-04)
Q8TAD2	IL17D	OID20481	192	-0.020	0.010	0.056	-0.02 (-0.04, 5.39e-04	0.261	0.067	-0.026	0.022	0.236	-0.03 (-0.07, 0.02)	0.000	0.748	-0.011	0.021	0.616	-0.01 (-0.05, 0.03)	-0.011	0.020	0.601	-0.01 (-0.05, 0.03)
P17676	CEBPB	OID20052	192	0.022	0.012	0.057	0.02 (-6.20e-04, 0.05)	0.261	0.351	0.017	0.023	0.450	0.02 (-0.03, 0.06)	0.000	0.809	0.042	0.023	0.061	0.04 (-2.03e-03, 0.09)	0.044	0.024	0.069	0.04 (-3.09e-03, 0.09)
Q96R05	RBP7	OID31526	192	0.024	0.013	0.057	0.02 (-6.81e-04, 0.05)	0.261	0.003	-0.021	0.024	0.393	-0.02 (-0.07, 0.03)	0.003	0.032	0.002	0.023	0.925	2.13e-03 (-0.04, 0.05)	0.001	0.022	0.975	6.93e-04 (-0.04, 0.04)
P50452	SERPINB8	OID20630	192	0.022	0.012	0.057	0.02 (-6.94e-04, 0.05)	0.264	2.51E-06	-0.017	0.023	0.443	-0.02 (-0.06, 0.03)	0.003	0.041	-0.017	0.016	0.287	-0.02 (-0.05, 0.01)	-0.022	0.022	0.325	-0.02 (-0.07, 0.02)
P0CG37	CFC1	OID21261	192	-0.039	0.020	0.057	-0.04 (-0.08, 1.22e-03	0.264	2.11E-37	-0.090	0.039	0.022	-0.09 (-0.17, -0.01)	0.003	0.125	-0.021	0.027	0.433	-0.02 (-0.08, 0.03)	-0.014	0.026	0.594	-0.01 (-0.07, 0.04)
P80098	CCL7	OID20523	192	0.027	0.014	0.058	0.03 (-8.91e-04, 0.05)	0.264	1.50E-06	-0.011	0.027	0.699	-0.01 (-0.06, 0.04)	0.002	0.111	0.006	0.023	0.793	0.01 (-0.04, 0.05)	0.015	0.023	0.510	0.01 (-0.03, 0.06)
P05412	JUN	OID20424	192	0.026	0.013	0.058	0.03 (-8.38e-04, 0.05)	0.264	0.011	0.002	0.026	0.924	2.47e-03 (-0.05, 0.05)	0.001	0.303	0.012	0.020	0.545	0.01 (-0.03, 0.05)	0.001	0.022	0.975	7.15e-04 (-0.04, 0.04)
Q6UXD5	SEZ6L2	OID21289	192	-0.028	0.015	0.058	-0.03 (-0.06, 9.10e-04	0.264	1.16E-12	-0.027	0.028	0.345	-0.03 (-0.08, 0.03)	0.000	0.972	-0.041	0.019	0.032	-0.04 (-0.08, -3.61e-03)	-0.035	0.023	0.131	-0.03 (-0.08, 0.01)
O14836	TNFRSF13B	OID20702	192	0.025	0.013	0.058	0.03 (-8.24e-04, 0.05)	0.264	0.001	0.006	0.026	0.831	0.01 (-0.05, 0.06)	0.001	0.372	0.029	0.019	0.137	0.03 (-0.01, 0.07)	-0.003	0.025	0.902	-3.09e-03 (-0.05, 0.05)
P51649	ALDH5A1	OID31047	192	0.025	0.013	0.058	0.03 (-8.78e-04, 0.05)	0.265	0.009	0.021	0.026	0.425	0.02 (-0.03, 0.07)	0.000	0.838	0.017	0.024	0.487	0.02 (-0.03, 0.06)	0.011	0.024	0.649	0.01 (-0.04, 0.06)
P05067	APP	OID21070	192	-0.030	0.016	0.058	-0.03 (-0.06, 1.04e-03	0.265	1.43E-10	-0.052	0.030	0.087	-0.05 (-0.11, 0.01)	0.001	0.385	-0.041	0.024	0.093	-0.04 (-0.09, 0.01)	-0.031	0.025	0.225	-0.03 (-0.08, 0.02)
Q06418	TYRO3	OID20161	192	-0.027	0.014	0.059	-0.03 (-0.06, 9.94e-04	0.266	4.47E-16	-0.021	0.028	0.462	-0.02 (-0.08, 0.03)	0.000	0.780	-0.013	0.019	0.505	-0.01 (-0.05, 0.02)	-0.015	0.023	0.504	-0.02 (-0.06, 0.03)
Q15735	INPP5J	OID30975	192	0.026	0.014	0.059	0.03 (-9.87e-04, 0.05)	0.268	0.001	0.006	0.026	0.825	0.01 (-0.05, 0.06)	0.001	0.381	0.015	0.021	0.479	0.01 (-0.03, 0.06)	0.016	0.022	0.475	0.02 (-0.03, 0.06)
P19883	FST	OID20770	192	-0.025	0.013	0.059	-0.02 (-0.05, 9.64e-04	0.268	0.004	-0.039	0.025	0.123	-0.04 (-0.09, 0.01)	0.001	0.500	-0.049	0.022	0.026	-0.05 (-0.09, -0.01)	-0.051	0.022	0.023	-0.05 (-0.09, -0.01)
O75940	SMNDC1	OID31471	192	0.021	0.011	0.059	0.02 (-8.53e-04, 0.04)	0.269	0.058	0.019	0.024	0.436	0.02 (-0.03, 0.07)	0.000	0.890	0.012	0.019	0.539	0.01 (-0.03, 0.05)	0.010	0.025	0.698	0.01 (-0.04, 0.06)
Q9Y5K2	KLK4	OID21391	192	0.020	0.011	0.060	0.02 (-8.46e-04, 0.04)	0.270	0.002	0.013	0.021	0.523	0.01 (-0.03, 0.05)	0.000	0.701	-0.001	0.015	0.971	-5.48e-04 (-0.03, 0.03)	-0.004	0.020	0.846	-3.84e-03 (-0.04, 0.03)
P54317	PNLIPRP2	OID20775	192	0.026	0.014	0.060	0.03 (-1.09e-03, 0.05)	0.270	1.11E-44	0.031	0.030	0.308	0.03 (-0.03, 0.09)	0.000	0.873	0.022	0.014	0.108	0.02 (-4.79e-03, 0.05)	0.010	0.021	0.618	0.01 (-0.03, 0.05)
P08575	PTPRC	OID30380	192	0.025	0.013	0.060	0.02 (-1.05e-03, 0.05)	0.270	0.002	-0.002	0.026	0.938	-1.98e-03 (-0.05, 0.05)	0.002	0.222	-0.017	0.020	0.404	-0.02 (-0.06, 0.02)	-0.017	0.023	0.452	-0.02 (-0.06, 0.03)
Q96PX8	SLITRK1	OID30510	192	-0.029	0.015	0.060	-0.03 (-0.06, 1.21e-03	0.270	4.48E-10	0.052	0.029	0.071	0.05 (-4.20e-03, 0.11)	-0.005	0.001	0.003	0.023	0.902	2.78e-03 (-0.04, 0.05)	-0.012	0.022	0.595	-0.01 (-0.05, 0.03)
Q9BW66	CINP	OID31328	192	0.023	0.012	0.060	0.02 (-9.89e-04, 0.05)	0.271	0.465	0.003	0.023	0.892	3.16e-03 (-0.04, 0.05)	0.001	0.333	0.008	0.024	0.741	0.01 (-0.04, 0.06)	0.006	0.022	0.787	0.01 (-0.04, 0.05)
Q9NRJ3	CCL28	OID20569	192	-0.037	0.020	0.061	-0.04 (-0.08, 1.71e-03	0.273	5.52E-40	0.004	0.038	0.911	4.30e-03 (-0.07, 0.08)	-0.003	0.209	0.015	0.018	0.424	0.01 (-0.02, 0.05)	0.020	0.021	0.336	0.02 (-0.02, 0.06)
Q13561	DCTN2	OID21334	192	-0.024	0.013	0.061	-0.02 (-0.05, 1.12e-03	0.273	0.037	-0.035	0.025	0.158	-0.04 (-0.08, 0.01)	0.001	0.599	-0.028	0.024	0.250	-0.03 (-0.08, 0.02)	-0.035	0.023	0.141	-0.03 (-0.08, 0.01)
Q14116	IL18	OID20694	192	0.025	0.014	0.061	0.03 (-1.21e-03, 0.05)	0.274	9.22E-06	-0.002	0.026	0.925	-2.47e-03 (-0.05, 0.05)	0.002	0.217	0.031	0.023	0.183	0.03 (-0.01, 0.08)	0.040	0.021	0.060	0.04 (-1.39e-03, 0.08)
P78552	IL13RA1	OID21504	192	0.026	0.014	0.062	0.03 (-1.28e-03, 0.05)	0.275	9.98E-05	0.017	0.027	0.540	0.02 (-0.04, 0.07)	0.001	0.684	0.027	0.025	0.290	0.03 (-0.02, 0.08)	0.026	0.025	0.298	0.03 (-0.02, 0.08)
Q9NRA1	PDGFC	OID21183	192	0.027	0.015	0.063	0.03 (-1.52e-03, 0.06)	0.283	1.27E-05	0.038	0.028	0.178	0.04 (-0.02, 0.09)	-0.001	0.645	0.039	0.022	0.069	0.04 (-3.11e-03, 0.08)	0.034	0.023	0.132	0.03 (-0.01, 0.08)
O95866	MPIG6B	OID20779	192	-0.026	0.014	0.064	-0.03 (-0.05, 1.55e-03	0.286	6.42E-05	-0.013	0.028	0.644	-0.01 (-0.07, 0.04)	-0.001	0.568	-0.011	0.022	0.632	-0.01 (-0.05, 0.03)	-0.018	0.026	0.485	-0.02 (-0.07, 0.03)
P37840	SNCA	OID30645	192	0.026	0.014	0.064	0.03 (-1.57e-03, 0.05)	0.286	4.81E-05	0.010	0.028	0.714	0.01 (-0.04, 0.06)	0.001	0.494	0.023	0.024	0.337	0.02 (-0.02, 0.07)	0.020	0.023	0.391	0.02 (-0.03, 0.07)
P0DOY2	IGLC2	OID30740	192	0.025	0.014	0.065	0.03 (-1.53e-03, 0.05)	0.286	2.91E-04	0.007	0.026	0.801	0.01 (-0.05, 0.06)	0.001	0.414	0.019	0.019	0.315	0.02 (-0.02, 0.06)	-0.002	0.025	0.946	-1.68e-03 (-0.05, 0.05)
P10109	FDX1	OID30078	192	0.022	0.012	0.065	0.02 (-1.37e-03, 0.05)	0.286	0.293	-0.028	0.024	0.233	-0.03 (-0.07, 0.02)	0.003	0.013	-0.011	0.024	0.654	-0.01 (-0.06, 0.04)	0.005	0.028	0.854	0.01 (-0.05, 0.06)
P26927	MST1	OID30713	192	-0.019	0.010	0.065	-0.02 (-0.04, 1.16e-03	0.286	4.97E-16	-0.020	0.020	0.304	-0.02 (-0.06, 0.02)	0.000	0.935	-0.017	0.015	0.264	-0.02 (-0.05, 0.01)	-0.023	0.015	0.115	-0.02 (-0.05, 0.01)
P62760	VSNL1	OID31105	192	0.025	0.013	0.065	0.02 (-1.51e-03, 0.05)	0.286	2.50E-08	-0.032	0.025	0.202	-0.03 (-0.08, 0.02)	0.004	0.009	-0.015	0.020	0.461	-0.02 (-0.06, 0.03)	-0.020	0.022	0.353	-0.02 (-0.06, 0.02)
P12821	ACE	OID30696	192	0.032	0.018	0.066	0.03 (-2.09e-03, 0.07)	0.289	1.76E-25	0.027	0.034	0.434	0.03 (-0.04, 0.09)	0.000	0.847	0.028	0.023	0.210	0.03 (-0.02, 0.07)	0.024	0.023	0.295	0.02 (-0.02, 0.07)
O75462	CRLF1	OID20699	192	0.028	0.015	0.066	0.03 (-1.83e-03, 0.06)	0.290	5.12E-10	-0.002	0.029	0.951	-1.80e-03 (-0.06, 0.06)	0.002	0.239	0.041	0.023	0.068	0.04 (-3.11e-03, 0.09)	0.030	0.021	0.146	0.03 (-0.01, 0.07)
P15502	ELN	OID30301	192	-0.027	0.015	0.066	-0.03 (-0.06, 1.79e-03	0.290	1.09E-35	-0.061	0.028	0.034	-0.06 (-0.12, -4.82e-03)	0.002	0.170	-0.004	0.018	0.811	-4.28e-03 (-0.04, 0.03)	0.000	0.019	0.980	4.64e-04 (-0.04, 0.04)
Q9BZC7	ABCA2	OID30146	192	0.022	0.012	0.067	0.02 (-1.52e-03, 0.05)	0.292	0.728	0.030	0.023	0.194	0.03 (-0.02, 0.08)	-0.001	0.676	0.022	0.024	0.361	0.02 (-0.03, 0.07)	0.013	0.025	0.604	0.01 (-0.04, 0.06)
P42701	IL12RB1	OID20486	192	0.024	0.013	0.067	0.02 (-1.68e-03, 0.05)	0.292	4.22E-04	-0.005	0.026	0.856	-4.66e-03 (-0.05, 0.05)	0.002	0.188	-0.011	0.022	0.604	-0.01 (-0.05, 0.03)	-0.016	0.023	0.469	-0.02 (-0.06, 0.03)
O15389	SIGLEC5	OID21082	192	0.020	0.011	0.067	0.02 (-1.40e-03, 0.04)	0.292	1.44E-05	-0.010	0.021	0.627	-0.01 (-0.05, 0.03)	0.002	0.094	0.007	0.018	0.676	0.01 (-0.03, 0.04)	0.017	0.017	0.328	0.02 (-0.02, 0.05)
Q96FQ6	S100A16	OID20878	192	-0.022	0.012	0.067	-0.02 (-0.05, 1.55e-03	0.293	0.058	-0.020	0.025	0.422	-0.02 (-0.07, 0.03)	0.000	0.937	-0.025	0.025	0.317	-0.03 (-0.07, 0.02)	-0.036	0.024	0.146	-0.04 (-0.08, 0.01)
Q03403	TFF2	OID20787	192	0.021	0.011	0.067	0.02 (-1.46e-03, 0.04)	0.294	0.164	-0.006	0.023	0.781	-0.01 (-0.05, 0.04)	0.002	0.169	0.025	0.023	0.277	0.02 (-0.02, 0.07)	0.028	0.024	0.251	0.03 (-0.02, 0.08)
Q9H3R2	MUC13	OID20866	192	0.042	0.023	0.068	0.04 (-3.09e-03, 0.09)	0.295	7.03E-65	0.034	0.044	0.451	0.03 (-0.05, 0.12)	0.001	0.828	0.047	0.025	0.057	0.05 (-1.46e-03, 0.10)	0.055	0.023	0.020	0.05 (0.01, 0.10)
Q8WU39	MZB1	OID20732	192	0.028	0.015	0.068	0.03 (-2.02e-03, 0.06)	0.295	4.00E-09	-0.018	0.029	0.543	-0.02 (-0.07, 0.04)	0.003	0.070	0.007	0.021	0.724	0.01 (-0.03, 0.05)	-0.015	0.024	0.530	-0.01 (-0.06, 0.03)
Q93062	RBPMS	OID30507	192	0.022	0.012	0.068	0.02 (-1.63e-03, 0.05)	0.295	0.120	-0.005	0.025	0.839	-0.01 (-0.05, 0.04)	0.002	0.203	0.005	0.026	0.835	0.01 (-0.04, 0.06)	-0.001	0.025	0.964	-1.15e-03 (-0.05, 0.05)
P04090	RLN2	OID30601	192	0.021	0.012	0.068	0.02 (-1.58e-03, 0.04)	0.295	0.413	0.023	0.023	0.314	0.02 (-0.02, 0.07)	0.000	0.926	0.025	0.023	0.278	0.02 (-0.02, 0.07)	0.030	0.022	0.165	0.03 (-0.01, 0.07)
O95988	TCL1B	OID20058	192	0.022	0.012	0.068	0.02 (-1.66e-03, 0.05)	0.296	0.493	-0.002	0.023	0.935	-1.90e-03 (-0.05, 0.04)	0.002	0.234	0.012	0.025	0.628	0.01 (-0.04, 0.06)	0.016	0.026	0.541	0.02 (-0.04, 0.07)
P05060	CHGB	OID21038	192	-0.031	0.017	0.068	-0.03 (-0.06, 2.33e-03	0.296	4.04E-28	0.029	0.032	0.364	0.03 (-0.03, 0.09)	-0.004	0.031	-0.006	0.020	0.750	-0.01 (-0.05, 0.03)	-0.014	0.021	0.518	-0.01 (-0.06, 0.03)
Q96GP6	SCARF2	OID21048	192	-0.026	0.014	0.069	-0.03 (-0.05, 1.99e-03	0.297	8.13E-16	-0.016	0.028	0.562	-0.02 (-0.07, 0.04)	-0.001	0.677	-0.033	0.020	0.104	-0.03 (-0.07, 0.01)	-0.037	0.020	0.064	-0.04 (-0.08, 1.94e-03)
P30046	DDT	OID30372	192	0.023	0.012	0.069	0.02 (-1.75e-03, 0.05)	0.297	0.027	0.000	0.024	0.990	-3.02e-04 (-0.05, 0.05)	0.001	0.268	0.030	0.023	0.189	0.03 (-0.01, 0.07)	0.025	0.022	0.274	0.02 (-0.02, 0.07)
Q9NP70	AMBN	OID20437	192	0.022	0.012	0.069	0.02 (-1.71e-03, 0.05)	0.297	0.260	0.039	0.024	0.105	0.04 (-0.01, 0.09)	-0.001	0.403	0.005	0.024	0.842	4.75e-03 (-0.04, 0.05)	0.009	0.025	0.730	0.01 (-0.04, 0.06)
P30047	GCHFR	OID30631	192	0.025	0.014	0.069	0.03 (-1.96e-03, 0.05)	0.297	6.20E-05	0.019	0.027	0.473	0.02 (-0.03, 0.07)	0.000	0.800	0.033	0.024	0.169	0.03 (-0.01, 0.08)	0.033	0.022	0.143	0.03 (-0.01, 0.08)
O60941	DTNB	OID31395	192	0.026	0.014	0.069	0.03 (-2.03e-03, 0.05)	0.298	2.75E-07	-0.048	0.027	0.077	-0.05 (-0.10, 4.88e-03)	0.005	0.002	-0.026	0.018	0.152	-0.03 (-0.06, 0.01)	-0.027	0.020	0.185	-0.03 (-0.07, 0.01)
Q01344	IL5RA	OID20601	192	0.029	0.016	0.070	0.03 (-2.44e-03, 0.06)	0.301	6.67E-23	0.055	0.031	0.082	0.05 (-0.01, 0.12)	-0.002	0.344	0.012	0.019	0.537	0.01 (-0.03, 0.05)	0.025	0.023	0.278	0.03 (-0.02, 0.07)
Q99538	LGMN	OID20773	192	0.026	0.014	0.071	0.03 (-2.18e-03, 0.05)	0.303	6.09E-07	0.007	0.028	0.805	0.01 (-0.05, 0.06)	0.001	0.425	0.012	0.019	0.532	0.01 (-0.03, 0.05)	0.004	0.023	0.876	3.54e-03 (-0.04, 0.05)
Q6UXK5	LRRN1	OID20438	192	0.026	0.014	0.071	0.03 (-2.22e-03, 0.05)	0.304	8.55E-15	0.034	0.028	0.223	0.03 (-0.02, 0.09)	-0.001	0.736	0.017	0.022	0.433	0.02 (-0.03, 0.06)	0.005	0.023	0.831	4.86e-03 (-0.04, 0.05)
Q6XQN6	NAPRT	OID31114	192	0.021	0.011	0.071	0.02 (-1.79e-03, 0.04)	0.304	0.397	0.029	0.022	0.198	0.03 (-0.02, 0.07)	-0.001	0.664	0.017	0.024	0.481	0.02 (-0.03, 0.06)	0.010	0.024	0.684	0.01 (-0.04, 0.06)
Q13308	PTK7	OID20880	192	0.022	0.012	0.071	0.02 (-1.89e-03, 0.05)	0.304	0.237	-0.017	0.024	0.490	-0.02 (-0.06, 0.03)	0.002	0.064	-0.016	0.020	0.440	-0.02 (-0.06, 0.02)	-0.022	0.024	0.367	-0.02 (-0.07, 0.03)
Q15165	PON2	OID20088	192	0.027	0.015	0.071	0.03 (-2.33e-03, 0.06)	0.304	3.60E-25	-0.009	0.028	0.760	-0.01 (-0.06, 0.05)	0.002	0.148	-0.012	0.016	0.455	-0.01 (-0.04, 0.02)	-0.013	0.019	0.502	-0.01 (-0.05, 0.02)
Q99727	TIMP4	OID21147	192	-0.046	0.025	0.072	-0.05 (-0.10, 4.02e-03	0.305	1.66E-117	-0.026	0.049	0.602	-0.03 (-0.12, 0.07)	-0.001	0.636	-0.066	0.023	0.004	-0.07 (-0.11, -0.02)	-0.062	0.020	0.002	-0.06 (-0.10, -0.02)
P01903	HLA-DRA	OID20520	192	0.069	0.038	0.072	0.07 (-0.01, 0.14)	0.305	0.00E+00	0.124	0.075	0.097	0.12 (-0.02, 0.27)	-0.003	0.390	0.030	0.022	0.173	0.03 (-0.01, 0.07)	0.045	0.022	0.040	0.04 (2.41e-03, 0.09)
P15907	ST6GAL1	OID20302	192	0.025	0.014	0.072	0.03 (-2.29e-03, 0.05)	0.307	8.95E-06	-0.023	0.027	0.397	-0.02 (-0.08, 0.03)	0.003	0.039	0.014	0.024	0.569	0.01 (-0.03, 0.06)	0.020	0.023	0.379	0.02 (-0.02, 0.07)
P00751	CFB	OID30755	192	0.032	0.018	0.073	0.03 (-2.93e-03, 0.07)	0.307	4.15E-30	-0.054	0.034	0.112	-0.05 (-0.12, 0.01)	0.005	0.003	-0.016	0.020	0.433	-0.02 (-0.06, 0.02)	-0.008	0.020	0.702	-0.01 (-0.05, 0.03)
P23471	PTPRZ1	OID30343	192	-0.026	0.014	0.073	-0.03 (-0.05, 2.40e-03	0.309	1.38E-12	0.021	0.028	0.450	0.02 (-0.03, 0.07)	-0.003	0.050	-0.015	0.022	0.496	-0.02 (-0.06, 0.03)	-0.007	0.021	0.726	-0.01 (-0.05, 0.03)
P30279	CCND2	OID31316	192	0.021	0.012	0.074	0.02 (-2.06e-03, 0.04)	0.311	0.762	-0.009	0.023	0.699	-0.01 (-0.05, 0.04)	0.002	0.128	0.012	0.023	0.605	0.01 (-0.03, 0.06)	0.025	0.022	0.263	0.03 (-0.02, 0.07)
Q15389	ANGPT1	OID20740	192	-0.027	0.015	0.074	-0.03 (-0.06, 2.58e-03	0.311	5.18E-08	-0.028	0.029	0.334	-0.03 (-0.08, 0.03)	0.000	0.955	-0.009	0.024	0.709	-0.01 (-0.06, 0.04)	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)
P09110	ACAA1	OID21269	192	0.024	0.013	0.074	0.02 (-2.34e-03, 0.05)	0.313	0.008	-0.020	0.026	0.449	-0.02 (-0.07, 0.03)	0.003	0.050	0.023	0.024	0.337	0.02 (-0.02, 0.07)	0.017	0.024	0.468	0.02 (-0.03, 0.06)
Q92496	CFHR4	OID30758	192	-0.016	0.009	0.075	-0.02 (-0.03, 1.66e-03	0.317	8.49E-06	-0.034	0.017	0.053	-0.03 (-0.07, 2.31e-04)	0.001	0.233	-0.035	0.014	0.016	-0.03 (-0.06, -0.01)	-0.029	0.014	0.032	-0.03 (-0.06, -2.66e-03)
P22079	LPO	OID20963	87	0.039	0.022	0.076	0.04 (-4.01e-03, 0.08)	0.317	3.15E-06	0.108	0.037	0.004	0.11 (0.04, 0.18)	-0.005	0.022	0.105	0.027	1.10E-04	0.10 (0.05, 0.16)	0.096	0.025	2.74E-04	0.10 (0.05, 0.15)
Q9BZL6	PRKD2	OID30140	192	0.021	0.012	0.076	0.02 (-2.24e-03, 0.04)	0.319	0.098	0.011	0.025	0.647	0.01 (-0.04, 0.06)	0.001	0.641	0.003	0.025	0.916	2.63e-03 (-0.05, 0.05)	-0.007	0.025	0.777	-0.01 (-0.06, 0.04)
P41217	CD200	OID20603	192	-0.026	0.015	0.076	-0.03 (-0.05, 2.74e-03	0.319	4.41E-08	0.028	0.028	0.314	0.03 (-0.03, 0.08)	-0.003	0.025	-0.035	0.021	0.099	-0.03 (-0.08, 0.01)	-0.024	0.024	0.303	-0.02 (-0.07, 0.02)
Q9HAV5	EDA2R	OID21451	192	0.021	0.012	0.076	0.02 (-2.24e-03, 0.04)	0.319	1.82E-08	-0.004	0.023	0.857	-4.14e-03 (-0.05, 0.04)	0.002	0.202	0.005	0.015	0.735	0.01 (-0.02, 0.03)	-0.008	0.018	0.639	-0.01 (-0.04, 0.03)
O95965	ITGBL1	OID30408	192	0.026	0.014	0.077	0.03 (-2.74e-03, 0.05)	0.319	1.10E-12	-0.005	0.028	0.859	-4.98e-03 (-0.06, 0.05)	0.002	0.203	0.006	0.024	0.793	0.01 (-0.04, 0.05)	0.003	0.024	0.915	2.62e-03 (-0.05, 0.05)
Q8WVC0	LEO1	OID30991	192	0.024	0.013	0.077	0.02 (-2.55e-03, 0.05)	0.319	0.007	0.016	0.026	0.549	0.02 (-0.04, 0.07)	0.001	0.717	0.032	0.025	0.201	0.03 (-0.02, 0.08)	0.018	0.025	0.471	0.02 (-0.03, 0.07)
P61916	NPC2	OID30418	192	0.025	0.014	0.077	0.02 (-2.64e-03, 0.05)	0.319	3.37E-06	-0.030	0.027	0.263	-0.03 (-0.08, 0.02)	0.003	0.018	-0.015	0.020	0.469	-0.01 (-0.05, 0.02)	-0.005	0.021	0.807	-0.01 (-0.05, 0.04)
Q9UM07	PADI4	OID20832	192	0.020	0.012	0.077	0.02 (-2.20e-03, 0.04)	0.319	0.120	0.016	0.024	0.499	0.02 (-0.03, 0.06)	0.000	0.830	0.001	0.022	0.952	1.30e-03 (-0.04, 0.04)	0.017	0.023	0.451	0.02 (-0.03, 0.06)
P06753	TPM3	OID30058	192	0.021	0.012	0.078	0.02 (-2.36e-03, 0.04)	0.323	0.448	-0.023	0.023	0.315	-0.02 (-0.07, 0.02)	0.003	0.026	-0.006	0.019	0.771	-0.01 (-0.04, 0.03)	-0.029	0.025	0.250	-0.03 (-0.08, 0.02)
P32942	ICAM3	OID20277	192	0.027	0.015	0.078	0.03 (-3.03e-03, 0.06)	0.325	6.89E-12	0.059	0.029	0.045	0.06 (1.58e-03, 0.12)	-0.002	0.199	0.007	0.023	0.772	0.01 (-0.04, 0.05)	0.018	0.022	0.423	0.02 (-0.03, 0.06)
Q08334	IL10RB	OID20696	192	0.024	0.013	0.079	0.02 (-2.72e-03, 0.05)	0.325	1.94E-07	-0.046	0.025	0.074	-0.05 (-0.10, 4.22e-03)	0.004	0.002	-0.014	0.018	0.425	-0.01 (-0.05, 0.02)	-0.018	0.021	0.394	-0.02 (-0.06, 0.02)
Q08174	PCDH1	OID20614	192	0.029	0.016	0.079	0.03 (-3.29e-03, 0.06)	0.325	2.87E-15	0.028	0.032	0.384	0.03 (-0.03, 0.09)	0.000	0.969	0.004	0.021	0.859	3.81e-03 (-0.04, 0.05)	0.016	0.021	0.462	0.02 (-0.03, 0.06)
P14868	DARS1	OID20903	192	-0.023	0.013	0.079	-0.02 (-0.05, 2.71e-03	0.326	0.004	-0.015	0.026	0.562	-0.02 (-0.07, 0.04)	-0.001	0.707	-0.020	0.026	0.438	-0.02 (-0.07, 0.03)	-0.039	0.024	0.110	-0.04 (-0.09, 0.01)
Q96JP9	CDHR1	OID20808	192	-0.023	0.013	0.079	-0.02 (-0.05, 2.69e-03	0.326	0.023	-0.051	0.025	0.045	-0.05 (-0.10, -1.59e-03)	0.002	0.193	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)	-0.038	0.022	0.087	-0.04 (-0.08, 0.01)
P16871	IL7R	OID21136	192	-0.059	0.034	0.079	-0.06 (-0.13, 0.01)	0.326	0.00E+00	-0.030	0.065	0.645	-0.03 (-0.16, 0.10)	-0.002	0.603	-0.053	0.019	0.005	-0.05 (-0.09, -0.02)	-0.055	0.019	0.005	-0.05 (-0.09, -0.02)
Q03405	PLAUR	OID20764	192	0.023	0.013	0.079	0.02 (-2.72e-03, 0.05)	0.326	4.93E-04	-0.004	0.026	0.863	-4.42e-03 (-0.05, 0.05)	0.002	0.209	0.010	0.024	0.685	0.01 (-0.04, 0.06)	0.007	0.023	0.754	0.01 (-0.04, 0.05)
P01222	TSHB	OID20129	192	-0.025	0.014	0.080	-0.02 (-0.05, 2.94e-03	0.328	8.60E-05	-0.038	0.027	0.167	-0.04 (-0.09, 0.02)	0.001	0.572	0.004	0.022	0.849	4.24e-03 (-0.04, 0.05)	0.000	0.024	0.998	6.07e-05 (-0.05, 0.05)
P08185	SERPINA6	OID30743	192	-0.024	0.013	0.080	-0.02 (-0.05, 2.86e-03	0.329	2.77E-08	0.026	0.026	0.317	0.03 (-0.02, 0.08)	-0.003	0.027	0.021	0.020	0.300	0.02 (-0.02, 0.06)	0.017	0.022	0.453	0.02 (-0.03, 0.06)
P01375	TNF	OID21237	192	0.027	0.015	0.081	0.03 (-3.23e-03, 0.06)	0.329	1.67E-08	0.018	0.029	0.548	0.02 (-0.04, 0.08)	0.001	0.728	0.028	0.025	0.264	0.03 (-0.02, 0.08)	0.051	0.025	0.045	0.05 (1.54e-03, 0.10)
Q9H4A9	DPEP2	OID21305	192	-0.050	0.029	0.081	-0.05 (-0.11, 0.01)	0.331	3.80E-150	-0.050	0.056	0.377	-0.05 (-0.16, 0.06)	0.000	0.988	-0.023	0.024	0.343	-0.02 (-0.07, 0.02)	-0.028	0.024	0.230	-0.03 (-0.07, 0.02)
Q96ID5	IGSF21	OID30210	192	0.024	0.014	0.081	0.02 (-2.97e-03, 0.05)	0.331	1.79E-05	0.016	0.027	0.541	0.02 (-0.04, 0.07)	0.000	0.738	-0.014	0.021	0.500	-0.01 (-0.06, 0.03)	-0.005	0.027	0.858	-4.82e-03 (-0.06, 0.05)
Q5T848	GPR158	OID31013	192	-0.023	0.013	0.081	-0.02 (-0.05, 2.87e-03	0.331	0.005	0.033	0.025	0.194	0.03 (-0.02, 0.08)	-0.004	0.010	-0.018	0.024	0.471	-0.02 (-0.07, 0.03)	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)
P06213	INSR	OID30566	192	-0.027	0.015	0.081	-0.03 (-0.06, 3.37e-03	0.331	2.85E-08	-0.039	0.030	0.200	-0.04 (-0.10, 0.02)	0.001	0.651	-0.047	0.021	0.023	-0.05 (-0.09, -0.01)	-0.061	0.025	0.016	-0.06 (-0.11, -0.01)
Q9UKV5	AMFR	OID20806	192	0.021	0.012	0.082	0.02 (-2.67e-03, 0.04)	0.332	0.352	0.018	0.024	0.448	0.02 (-0.03, 0.06)	0.000	0.889	0.008	0.026	0.759	0.01 (-0.04, 0.06)	-0.003	0.023	0.910	-2.59e-03 (-0.05, 0.04)
P49771	FLT3LG	OID20661	192	0.026	0.015	0.082	0.03 (-3.24e-03, 0.05)	0.332	6.78E-11	0.007	0.029	0.797	0.01 (-0.05, 0.06)	0.001	0.456	0.018	0.024	0.443	0.02 (-0.03, 0.06)	0.020	0.024	0.387	0.02 (-0.03, 0.07)
Q02742	GCNT1	OID21379	192	0.024	0.014	0.082	0.02 (-3.03e-03, 0.05)	0.332	6.82E-07	0.038	0.027	0.156	0.04 (-0.01, 0.09)	-0.001	0.537	0.033	0.022	0.126	0.03 (-0.01, 0.08)	0.039	0.021	0.064	0.04 (-1.98e-03, 0.08)
Q5VY43	PEAR1	OID20257	192	-0.024	0.014	0.082	-0.02 (-0.05, 3.07e-03	0.332	2.86E-05	-0.019	0.027	0.474	-0.02 (-0.07, 0.03)	0.000	0.836	0.003	0.020	0.868	3.28e-03 (-0.04, 0.04)	-0.009	0.023	0.707	-0.01 (-0.05, 0.04)
Q8WX77	IGFBPL1	OID20155	192	0.023	0.013	0.083	0.02 (-2.96e-03, 0.05)	0.334	3.36E-07	-0.036	0.025	0.153	-0.04 (-0.08, 0.01)	0.004	0.007	-0.017	0.021	0.419	-0.02 (-0.06, 0.02)	-0.026	0.020	0.185	-0.03 (-0.07, 0.01)
P29459;P2	IL12A;IL12B	OID21327	192	0.025	0.015	0.083	0.03 (-3.32e-03, 0.05)	0.334	1.59E-12	-0.023	0.028	0.420	-0.02 (-0.08, 0.03)	0.003	0.047	0.012	0.019	0.506	0.01 (-0.02, 0.05)	0.007	0.022	0.731	0.01 (-0.03, 0.05)
P35813	PPM1A	OID21184	192	0.021	0.012	0.083	0.02 (-2.74e-03, 0.04)	0.334	0.938	0.017	0.023	0.470	0.02 (-0.03, 0.06)	0.000	0.842	-0.001	0.022	0.949	-1.42e-03 (-0.05, 0.04)	0.001	0.025	0.975	7.84e-04 (-0.05, 0.05)
O15264	MAPK13	OID31205	192	0.021	0.012	0.083	0.02 (-2.76e-03, 0.04)	0.334	0.456	-0.019	0.023	0.426	-0.02 (-0.06, 0.03)	0.003	0.050	0.020	0.020	0.311	0.02 (-0.02, 0.06)	0.002	0.025	0.930	2.21e-03 (-0.05, 0.05)
P06748	NPM1	OID20961	192	0.037	0.022	0.083	0.04 (-4.93e-03, 0.08)	0.334	0.146	0.001	0.044	0.990	5.53e-04 (-0.09, 0.09)	0.002	0.331	0.000	0.036	0.989	4.87e-04 (-0.07, 0.07)	-0.027	0.046	0.557	-0.03 (-0.12, 0.06)
Q14160	SCRIB	OID31046	192	0.024	0.014	0.083	0.02 (-3.14e-03, 0.05)	0.334	0.001	0.029	0.027	0.284	0.03 (-0.02, 0.08)	0.000	0.830	0.020	0.025	0.407	0.02 (-0.03, 0.07)	0.014	0.024	0.565	0.01 (-0.03, 0.06)
Q9HAV7	GRPEL1	OID21309	192	0.023	0.014	0.084	0.02 (-3.17e-03, 0.05)	0.337	0.002	-0.011	0.026	0.663	-0.01 (-0.06, 0.04)	0.002	0.122	0.025	0.023	0.287	0.02 (-0.02, 0.07)	0.017	0.023	0.461	0.02 (-0.03, 0.06)
Q92765	FRZB	OID20968	192	-0.023	0.013	0.084	-0.02 (-0.05, 3.15e-03	0.337	1.16E-07	-0.022	0.026	0.401	-0.02 (-0.07, 0.03)	0.000	0.956	-0.031	0.021	0.145	-0.03 (-0.07, 0.01)	-0.024	0.019	0.213	-0.02 (-0.06, 0.01)
Q7Z4V5	HDGFL2	OID31136	192	0.020	0.012	0.085	0.02 (-2.75e-03, 0.04)	0.337	0.050	-0.005	0.025	0.827	-0.01 (-0.05, 0.04)	0.002	0.225	-0.001	0.024	0.979	-6.42e-04 (-0.05, 0.05)	0.001	0.024	0.956	1.32e-03 (-0.05, 0.05)
O14713	ITGB1BP1	OID21268	192	0.021	0.012	0.085	0.02 (-2.85e-03, 0.04)	0.337	0.170	0.026	0.025	0.300	0.03 (-0.02, 0.07)	0.000	0.824	0.040	0.025	0.107	0.04 (-0.01, 0.09)	0.032	0.026	0.229	0.03 (-0.02, 0.08)
Q9UKM9	RALY	OID31382	192	0.023	0.013	0.085	0.02 (-3.18e-03, 0.05)	0.337	0.004	-0.006	0.026	0.817	-0.01 (-0.06, 0.05)	0.002	0.191	-0.010	0.020	0.635	-0.01 (-0.05, 0.03)	-0.017	0.025	0.515	-0.02 (-0.07, 0.03)
Q8WXG9	ADGRV1	OID30877	192	0.021	0.012	0.085	0.02 (-2.89e-03, 0.04)	0.338	0.169	-0.005	0.025	0.832	-0.01 (-0.05, 0.04)	0.002	0.216	0.017	0.025	0.495	0.02 (-0.03, 0.07)	0.028	0.026	0.280	0.03 (-0.02, 0.08)
Q6EIG7	CLEC6A	OID21228	192	0.022	0.013	0.086	0.02 (-3.12e-03, 0.05)	0.338	2.74E-04	0.031	0.025	0.216	0.03 (-0.02, 0.08)	-0.001	0.677	0.049	0.020	0.016	0.05 (0.01, 0.09)	0.051	0.020	0.012	0.05 (0.01, 0.09)
P12111	COL6A3	OID20292	192	0.024	0.014	0.086	0.02 (-3.38e-03, 0.05)	0.338	5.22E-06	-0.057	0.026	0.032	-0.06 (-0.11, -0.01)	0.005	4.15E-04	-0.013	0.020	0.506	-0.01 (-0.05, 0.03)	-0.032	0.022	0.151	-0.03 (-0.08, 0.01)
Q9NYY1	IL20	OID20453	192	0.021	0.012	0.085	0.02 (-2.90e-03, 0.04)	0.338	0.452	0.000	0.023	0.984	4.73e-04 (-0.05, 0.05)	0.001	0.315	-0.005	0.021	0.814	-4.90e-03 (-0.05, 0.04)	-0.005	0.024	0.822	-0.01 (-0.05, 0.04)
P07225	PROS1	OID30737	192	0.023	0.013	0.085	0.02 (-3.17e-03, 0.05)	0.338	0.002	-0.018	0.025	0.490	-0.02 (-0.07, 0.03)	0.003	0.066	0.027	0.022	0.203	0.03 (-0.01, 0.07)	0.002	0.023	0.938	1.76e-03 (-0.04, 0.05)
Q86VR7	VSIG10L	OID30189	192	0.021	0.012	0.085	0.02 (-2.86e-03, 0.04)	0.338	0.526	0.026	0.023	0.267	0.03 (-0.02, 0.07)	0.000	0.794	0.018	0.025	0.480	0.02 (-0.03, 0.07)	0.017	0.024	0.486	0.02 (-0.03, 0.06)
P07196	NEFL	OID20871	192	-0.019	0.011	0.086	-0.02 (-0.04, 2.70e-03	0.339	0.049	0.019	0.021	0.388	0.02 (-0.02, 0.06)	-0.002	0.041	0.019	0.017	0.280	0.02 (-0.02, 0.05)	0.019	0.022	0.385	0.02 (-0.02, 0.06)
Q8N474	SFRP1	OID20984	192	0.027	0.016	0.086	0.03 (-3.82e-03, 0.06)	0.339	1.86E-14	-0.014	0.030	0.642	-0.01 (-0.07, 0.05)	0.003	0.115	0.001	0.023	0.978	6.42e-04 (-0.04, 0.05)	-0.005	0.022	0.832	-4.63e-03 (-0.05, 0.04)
P10909	CLU	OID30732	192	0.020	0.012	0.086	0.02 (-2.84e-03, 0.04)	0.340	0.153	0.016	0.024	0.507	0.02 (-0.03, 0.06)	0.000	0.839	0.043	0.022	0.051	0.04 (-1.44e-04, 0.09)	0.045	0.025	0.069	0.04 (-3.20e-03, 0.09)
P05026	ATP1B1	OID30124	192	0.021	0.012	0.087	0.02 (-3.04e-03, 0.04)	0.341	0.436	0.049	0.024	0.040	0.05 (2.55e-03, 0.09)	-0.002	0.166	0.024	0.026	0.355	0.02 (-0.03, 0.07)	0.024	0.025	0.338	0.02 (-0.03, 0.07)
Q9H7Y0	DIPK2B	OID30582	192	-0.037	0.022	0.088	-0.04 (-0.08, 0.01)	0.341	5.37E-62	-0.019	0.042	0.643	-0.02 (-0.10, 0.06)	-0.001	0.629	-0.037	0.023	0.105	-0.04 (-0.08, 0.01)	-0.042	0.021	0.051	-0.04 (-0.08, -1.43e-06)
P00533	EGFR	OID20319	192	-0.026	0.015	0.088	-0.03 (-0.05, 3.78e-03	0.341	2.56E-10	-0.006	0.029	0.843	-0.01 (-0.06, 0.05)	-0.001	0.427	-0.001	0.019	0.952	-1.13e-03 (-0.04, 0.04)	0.022	0.024	0.359	0.02 (-0.02, 0.07)
Q9UK05	GDF2	OID20202	192	-0.024	0.014	0.088	-0.02 (-0.05, 3.51e-03	0.341	1.98E-08	0.023	0.027	0.387	0.02 (-0.03, 0.08)	-0.003	0.042	0.022	0.019	0.248	0.02 (-0.02, 0.06)	0.022	0.022	0.306	0.02 (-0.02, 0.06)
Q7Z304	MAMDC2	OID30309	192	0.023	0.013	0.088	0.02 (-3.39e-03, 0.05)	0.341	1.41E-04	0.006	0.026	0.831	0.01 (-0.05, 0.06)	0.001	0.437	0.032	0.023	0.175	0.03 (-0.01, 0.08)	0.035	0.023	0.135	0.04 (-0.01, 0.08)
Q14088	RAB33A	OID30122	192	-0.020	0.012	0.088	-0.02 (-0.04, 3.00e-03	0.341	0.158	-0.043	0.024	0.077	-0.04 (-0.09, 4.34e-03)	0.001	0.273	-0.034	0.025	0.173	-0.03 (-0.08, 0.01)	-0.033	0.022	0.132	-0.03 (-0.08, 0.01)
Q96D71	REPS1	OID30496	192	0.021	0.012	0.087	0.02 (-3.01e-03, 0.04)	0.341	0.249	0.022	0.024	0.361	0.02 (-0.03, 0.07)	0.000	0.941	0.014	0.024	0.558	0.01 (-0.03, 0.06)	0.025	0.022	0.268	0.02 (-0.02, 0.07)
Q15797	SMAD1	OID21180	192	0.024	0.014	0.087	0.02 (-3.52e-03, 0.05)	0.341	9.90E-05	0.012	0.027	0.655	0.01 (-0.04, 0.07)	0.001	0.613	0.041	0.024	0.084	0.04 (-0.01, 0.09)	0.029	0.023	0.209	0.03 (-0.02, 0.07)
P37108	SRP14	OID21324	192	0.022	0.013	0.087	0.02 (-3.25e-03, 0.05)	0.341	0.009	0.017	0.025	0.503	0.02 (-0.03, 0.07)	0.000	0.807	0.010	0.023	0.655	0.01 (-0.03, 0.05)	0.029	0.027	0.274	0.03 (-0.02, 0.08)
P27695	APEX1	OID21434	192	0.022	0.013	0.089	0.02 (-3.29e-03, 0.05)	0.345	0.002	0.022	0.025	0.382	0.02 (-0.03, 0.07)	0.000	1.000	0.010	0.023	0.658	0.01 (-0.03, 0.06)	0.011	0.023	0.629	0.01 (-0.03, 0.06)
P18848	ATF4	OID31162	192	-0.021	0.012	0.089	-0.02 (-0.04, 3.17e-03	0.347	0.864	-0.017	0.024	0.464	-0.02 (-0.06, 0.03)	0.000	0.868	-0.037	0.021	0.083	-0.04 (-0.08, 4.84e-03)	-0.039	0.026	0.130	-0.04 (-0.09, 0.01)
P05413	FABP3	OID30351	132	0.027	0.016	0.091	0.03 (-4.33e-03, 0.06)	0.351	2.61E-06	-0.028	0.029	0.347	-0.03 (-0.09, 0.03)	0.004	0.027	-0.017	0.020	0.397	-0.02 (-0.06, 0.02)	-0.014	0.024	0.558	-0.01 (-0.06, 0.03)
P23327	HRC	OID30211	192	-0.024	0.014	0.091	-0.02 (-0.05, 3.84e-03	0.351	3.95E-05	-0.006	0.028	0.838	-0.01 (-0.06, 0.05)	-0.001	0.436	-0.027	0.025	0.272	-0.03 (-0.08, 0.02)	-0.030	0.023	0.194	-0.03 (-0.08, 0.02)
Q14674	ESPL1	OID31176	192	-0.021	0.012	0.091	-0.02 (-0.04, 3.30e-03	0.352	0.675	-0.016	0.024	0.492	-0.02 (-0.06, 0.03)	0.000	0.830	-0.022	0.025	0.367	-0.02 (-0.07, 0.03)	-0.012	0.025	0.642	-0.01 (-0.06, 0.04)
Q5VTT5	MYOM3	OID30633	192	0.024	0.014	0.091	0.02 (-3.84e-03, 0.05)	0.352	3.42E-08	-0.053	0.027	0.048	-0.05 (-0.11, -8.54e-04)	0.005	0.001	-0.039	0.019	0.035	-0.04 (-0.08, -2.86e-03)	-0.051	0.024	0.037	-0.05 (-0.10, -3.52e-03)
P20333	TNFRSF1B	OID21145	192	0.025	0.015	0.091	0.02 (-3.99e-03, 0.05)	0.352	1.63E-08	-0.035	0.028	0.220	-0.03 (-0.09, 0.02)	0.004	0.014	-0.021	0.020	0.290	-0.02 (-0.06, 0.02)	-0.017	0.021	0.431	-0.02 (-0.06, 0.03)
O43184	ADAM12	OID30491	192	0.022	0.013	0.092	0.02 (-3.58e-03, 0.05)	0.352	0.016	-0.038	0.025	0.134	-0.04 (-0.09, 0.01)	0.004	0.006	-0.012	0.021	0.561	-0.01 (-0.05, 0.03)	-0.019	0.023	0.411	-0.02 (-0.06, 0.03)
P29353	SHC1	OID31222	192	-0.020	0.012	0.092	-0.02 (-0.04, 3.30e-03	0.352	0.082	0.000	0.025	0.990	3.27e-04 (-0.05, 0.05)	-0.001	0.336	-0.044	0.022	0.048	-0.04 (-0.09, -2.96e-04)	-0.028	0.025	0.263	-0.03 (-0.08, 0.02)
Q16663	CCL15	OID20328	192	0.024	0.014	0.092	0.02 (-3.99e-03, 0.05)	0.353	9.51E-20	0.006	0.028	0.831	0.01 (-0.05, 0.06)	0.001	0.445	0.028	0.020	0.158	0.03 (-0.01, 0.07)	0.023	0.019	0.229	0.02 (-0.01, 0.06)
P49747	COMP	OID20405	192	-0.026	0.015	0.092	-0.03 (-0.06, 4.23e-03	0.353	1.96E-12	-0.088	0.029	0.003	-0.09 (-0.15, -0.03)	0.004	0.013	-0.057	0.021	0.008	-0.06 (-0.10, -0.02)	-0.061	0.023	0.008	-0.06 (-0.10, -0.02)
Q6UB28	METAP1D	OID20519	192	-0.022	0.013	0.092	-0.02 (-0.05, 3.56e-03	0.353	0.033	-0.020	0.025	0.432	-0.02 (-0.07, 0.03)	0.000	0.926	-0.031	0.024	0.196	-0.03 (-0.08, 0.02)	-0.045	0.023	0.055	-0.04 (-0.09, 7.41e-04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
P22105	TNXB	OID21107	192	-0.027	0.016	0.092	-0.03 (-0.06, 4.35e-03	0.353	3.11E-18	-0.034	0.031	0.272	-0.03 (-0.09, 0.03)	0.000	0.784	-0.044	0.022	0.044	-0.04 (-0.09, -1.22e-03)	-0.036	0.022	0.101	-0.04 (-0.08, 0.01)
Q9HB29	IL1RL2	OID20487	192	-0.025	0.015	0.093	-0.03 (-0.05, 4.15e-03	0.354	4.34E-15	-0.023	0.029	0.423	-0.02 (-0.08, 0.03)	0.000	0.942	0.009	0.018	0.624	0.01 (-0.03, 0.04)	0.004	0.022	0.873	3.54e-03 (-0.04, 0.05)
P29218	IMPA1	OID20907	192	-0.020	0.012	0.093	-0.02 (-0.04, 3.29e-03	0.354	0.052	-0.019	0.025	0.441	-0.02 (-0.07, 0.03)	0.000	0.975	-0.022	0.024	0.357	-0.02 (-0.07, 0.03)	-0.040	0.022	0.078	-0.04 (-0.08, 4.19e-03)
O14917	PCDH17	OID20132	192	0.046	0.027	0.094	0.05 (-0.01, 0.10)	0.356	1.12E-143	0.031	0.053	0.559	0.03 (-0.07, 0.13)	0.001	0.746	0.008	0.021	0.685	0.01 (-0.03, 0.05)	0.013	0.021	0.535	0.01 (-0.03, 0.05)
P50749	RASSF2	OID21194	192	0.020	0.012	0.094	0.02 (-3.33e-03, 0.04)	0.357	0.059	0.024	0.024	0.337	0.02 (-0.02, 0.07)	0.000	0.849	0.020	0.024	0.406	0.02 (-0.03, 0.07)	0.021	0.024	0.384	0.02 (-0.03, 0.07)
Q9NP79	VTA1	OID21016	192	-0.022	0.013	0.095	-0.02 (-0.05, 3.81e-03	0.361	0.011	-0.007	0.025	0.770	-0.01 (-0.06, 0.04)	-0.001	0.508	-0.019	0.021	0.363	-0.02 (-0.06, 0.02)	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)
P00747	PLG	OID30785	192	0.023	0.014	0.096	0.02 (-4.06e-03, 0.05)	0.364	6.23E-06	-0.011	0.027	0.688	-0.01 (-0.06, 0.04)	0.002	0.142	0.022	0.023	0.321	0.02 (-0.02, 0.07)	0.017	0.020	0.396	0.02 (-0.02, 0.06)
Q99536	VAT1	OID21382	192	-0.026	0.016	0.097	-0.03 (-0.06, 4.68e-03	0.368	3.80E-10	-0.033	0.030	0.272	-0.03 (-0.09, 0.03)	0.000	0.773	-0.039	0.025	0.120	-0.04 (-0.09, 0.01)	-0.031	0.025	0.215	-0.03 (-0.08, 0.02)
Q9C0C4	SEMA4C	OID21329	192	-0.029	0.018	0.098	-0.03 (-0.06, 0.01)	0.369	2.98E-23	-0.023	0.034	0.502	-0.02 (-0.09, 0.04)	0.000	0.833	-0.016	0.024	0.507	-0.02 (-0.06, 0.03)	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)
Q14126	DSG2	OID21113	192	-0.045	0.027	0.098	-0.04 (-0.10, 0.01)	0.370	1.08E-131	-0.019	0.052	0.719	-0.02 (-0.12, 0.08)	-0.002	0.566	-0.045	0.024	0.061	-0.04 (-0.09, 2.15e-03)	-0.027	0.022	0.224	-0.03 (-0.07, 0.02)
Q86TS9	MRPL52	OID31239	192	-0.022	0.013	0.098	-0.02 (-0.05, 4.03e-03	0.370	0.046	-0.023	0.026	0.363	-0.02 (-0.07, 0.03)	0.000	0.944	-0.037	0.021	0.081	-0.04 (-0.08, 4.63e-03)	-0.036	0.025	0.147	-0.04 (-0.08, 0.01)
O60500	NPHS1	OID30540	192	0.022	0.013	0.099	0.02 (-4.07e-03, 0.05)	0.373	0.001	0.042	0.025	0.098	0.04 (-0.01, 0.09)	-0.001	0.344	0.030	0.024	0.201	0.03 (-0.02, 0.08)	0.026	0.022	0.233	0.03 (-0.02, 0.07)
Q99062	CSF3R	OID30527	192	0.022	0.014	0.099	0.02 (-4.22e-03, 0.05)	0.374	0.002	0.013	0.026	0.625	0.01 (-0.04, 0.06)	0.001	0.675	0.001	0.025	0.956	1.36e-03 (-0.05, 0.05)	-0.003	0.024	0.899	-3.00e-03 (-0.05, 0.04)
Q12884	FAP	OID20330	192	0.025	0.015	0.100	0.03 (-4.85e-03, 0.06)	0.375	6.22E-12	0.013	0.030	0.659	0.01 (-0.05, 0.07)	0.001	0.636	0.031	0.022	0.170	0.03 (-0.01, 0.07)	0.012	0.026	0.639	0.01 (-0.04, 0.06)
Q96QR1	SCGB3A1	OID30577	192	-0.025	0.015	0.100	-0.02 (-0.05, 4.74e-03	0.375	4.68E-10	-0.016	0.029	0.575	-0.02 (-0.07, 0.04)	-0.001	0.738	0.015	0.021	0.479	0.02 (-0.03, 0.06)	0.005	0.023	0.826	0.01 (-0.04, 0.05)
Q00872	MYBPC1	OID30296	192	0.023	0.014	0.100	0.02 (-4.42e-03, 0.05)	0.377	5.80E-08	-0.070	0.026	0.007	-0.07 (-0.12, -0.02)	0.006	4.03E-05	-0.048	0.019	0.011	-0.05 (-0.08, -0.01)	-0.070	0.023	0.002	-0.07 (-0.11, -0.03)
Q6P5S2	C6orf58	OID30608	192	-0.024	0.015	0.101	-0.02 (-0.05, 4.75e-03	0.378	2.31E-10	-0.010	0.029	0.724	-0.01 (-0.07, 0.05)	-0.001	0.566	-0.027	0.023	0.249	-0.03 (-0.07, 0.02)	-0.027	0.022	0.234	-0.03 (-0.07, 0.02)
P19827	ITIH1	OID30722	192	0.019	0.012	0.102	0.02 (-3.83e-03, 0.04)	0.379	0.101	0.035	0.024	0.155	0.03 (-0.01, 0.08)	-0.001	0.459	0.035	0.022	0.114	0.03 (-0.01, 0.08)	0.032	0.025	0.205	0.03 (-0.02, 0.08)
P48304	REG1B	OID20266	192	0.038	0.023	0.101	0.04 (-0.01, 0.08)	0.379	7.48E-82	0.053	0.045	0.245	0.05 (-0.04, 0.14)	-0.001	0.706	0.035	0.020	0.090	0.03 (-0.01, 0.07)	0.028	0.024	0.232	0.03 (-0.02, 0.07)
P05155	SERPING1	OID30777	192	-0.025	0.015	0.101	-0.02 (-0.05, 4.86e-03	0.379	2.98E-11	-0.040	0.029	0.177	-0.04 (-0.10, 0.02)	0.001	0.551	-0.005	0.024	0.838	-4.90e-03 (-0.05, 0.04)	-0.008	0.025	0.746	-0.01 (-0.06, 0.04)
Q9BZM5	ULBP2	OID20919	192	0.033	0.020	0.102	0.03 (-0.01, 0.07)	0.379	1.43E-55	-0.007	0.039	0.851	-0.01 (-0.08, 0.07)	0.003	0.228	-0.017	0.020	0.402	-0.02 (-0.06, 0.02)	-0.011	0.020	0.589	-0.01 (-0.05, 0.03)
Q9UBW5	BIN2	OID21067	192	-0.023	0.014	0.102	-0.02 (-0.05, 4.50e-03	0.381	1.62E-04	-0.031	0.027	0.247	-0.03 (-0.08, 0.02)	0.001	0.709	-0.031	0.024	0.210	-0.03 (-0.08, 0.02)	-0.042	0.022	0.063	-0.04 (-0.09, 2.05e-03)
A6NFN3	RBFOX3	OID30984	192	0.022	0.013	0.103	0.02 (-4.40e-03, 0.05)	0.382	1.57E-06	-0.051	0.025	0.045	-0.05 (-0.10, -1.56e-03)	0.005	0.001	-0.019	0.019	0.313	-0.02 (-0.06, 0.02)	-0.028	0.025	0.249	-0.03 (-0.08, 0.02)
Q8N111	CEND1	OID30821	192	-0.023	0.014	0.103	-0.02 (-0.05, 4.75e-03	0.384	1.55E-04	-0.018	0.028	0.521	-0.02 (-0.07, 0.04)	0.000	0.820	0.003	0.022	0.882	3.27e-03 (-0.04, 0.05)	0.001	0.024	0.952	1.48e-03 (-0.05, 0.05)
Q15102	PAFAH1B3	OID30998	192	0.025	0.016	0.104	0.03 (-0.01, 0.06)	0.384	2.29E-09	0.026	0.030	0.391	0.03 (-0.03, 0.09)	0.000	0.979	0.006	0.024	0.802	0.01 (-0.04, 0.05)	0.022	0.026	0.396	0.02 (-0.03, 0.07)
Q11201	ST3GAL1	OID21322	192	-0.031	0.019	0.104	-0.03 (-0.07, 0.01)	0.384	1.17E-34	0.037	0.036	0.304	0.04 (-0.03, 0.11)	-0.004	0.029	-0.007	0.020	0.737	-0.01 (-0.05, 0.03)	0.017	0.023	0.447	0.02 (-0.03, 0.06)
Q6GTX8	LAIR1	OID20737	192	0.021	0.013	0.105	0.02 (-4.44e-03, 0.05)	0.390	1.36E-07	-0.051	0.025	0.040	-0.05 (-0.10, -2.68e-03)	0.005	0.001	-0.013	0.018	0.462	-0.01 (-0.05, 0.02)	-0.021	0.020	0.301	-0.02 (-0.06, 0.02)
Q9BYH1	SEZ6L	OID21488	192	-0.024	0.015	0.106	-0.02 (-0.05, 4.99e-03	0.391	4.92E-09	0.053	0.028	0.056	0.05 (-1.04e-03, 0.11)	-0.005	0.001	0.009	0.021	0.674	0.01 (-0.03, 0.05)	-0.012	0.023	0.591	-0.01 (-0.06, 0.03)
Q12864	CDH17	OID20134	192	0.039	0.024	0.106	0.04 (-0.01, 0.09)	0.391	5.20E-121	0.084	0.047	0.074	0.08 (-0.01, 0.18)	-0.003	0.262	0.077	0.021	2.45E-04	0.08 (0.04, 0.12)	0.075	0.020	2.94E-04	0.07 (0.03, 0.11)
P48169	GABRA4	OID30803	192	-0.020	0.012	0.106	-0.02 (-0.04, 4.18e-03	0.391	0.442	-0.012	0.024	0.608	-0.01 (-0.06, 0.03)	0.000	0.715	-0.006	0.025	0.820	-0.01 (-0.06, 0.04)	-0.002	0.023	0.934	-1.91e-03 (-0.05, 0.04)
P68400	CSNK2A1	OID31053	192	-0.035	0.022	0.107	-0.04 (-0.08, 0.01)	0.393	3.36E-54	-0.013	0.042	0.764	-0.01 (-0.10, 0.07)	-0.001	0.537	-0.017	0.025	0.510	-0.02 (-0.07, 0.03)	-0.019	0.023	0.405	-0.02 (-0.06, 0.03)
Q9UHY7	ENOPH1	OID31349	192	0.019	0.012	0.107	0.02 (-4.19e-03, 0.04)	0.393	0.519	0.037	0.023	0.117	0.04 (-0.01, 0.08)	-0.001	0.386	0.049	0.025	0.045	0.05 (1.07e-03, 0.10)	0.056	0.026	0.035	0.06 (4.28e-03, 0.11)
Q8NBP7	PCSK9	OID20235	192	0.029	0.018	0.107	0.03 (-0.01, 0.06)	0.393	2.38E-28	-0.012	0.035	0.731	-0.01 (-0.08, 0.06)	0.003	0.171	0.054	0.021	0.010	0.05 (0.01, 0.10)	0.040	0.023	0.078	0.04 (-4.22e-03, 0.08)
P54277	PMS1	OID30943	192	0.019	0.012	0.107	0.02 (-4.21e-03, 0.04)	0.393	0.480	-0.006	0.023	0.797	-0.01 (-0.05, 0.04)	0.002	0.205	-0.021	0.021	0.310	-0.02 (-0.06, 0.02)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
Q96DA2	RAB39B	OID30069	192	-0.022	0.014	0.107	-0.02 (-0.05, 4.87e-03	0.393	0.002	-0.021	0.027	0.431	-0.02 (-0.07, 0.03)	0.000	0.963	-0.013	0.025	0.603	-0.01 (-0.06, 0.04)	-0.010	0.022	0.654	-0.01 (-0.05, 0.03)
Q16650	TBR1	OID30923	192	0.019	0.012	0.107	0.02 (-4.23e-03, 0.04)	0.393	0.470	0.025	0.024	0.292	0.02 (-0.02, 0.07)	0.000	0.790	0.005	0.025	0.844	4.83e-03 (-0.04, 0.05)	0.001	0.025	0.958	1.31e-03 (-0.05, 0.05)
P49767	VEGFC	OID21524	192	-0.023	0.014	0.108	-0.02 (-0.05, 4.99e-03	0.393	1.94E-05	-0.021	0.028	0.438	-0.02 (-0.08, 0.03)	0.000	0.953	-0.004	0.022	0.841	-4.43e-03 (-0.05, 0.04)	-0.006	0.025	0.815	-0.01 (-0.06, 0.04)
P16870	CPE	OID21392	192	-0.029	0.018	0.108	-0.03 (-0.06, 0.01)	0.393	1.80E-21	0.000	0.034	0.992	-3.26e-04 (-0.07, 0.07)	-0.002	0.339	-0.029	0.025	0.246	-0.03 (-0.08, 0.02)	-0.036	0.024	0.129	-0.04 (-0.08, 0.01)
P35443	THBS4	OID20368	192	0.023	0.014	0.108	0.02 (-0.01, 0.05)	0.395	1.66E-07	-0.055	0.027	0.045	-0.06 (-0.11, -1.65e-03)	0.005	0.001	-0.031	0.021	0.134	-0.03 (-0.07, 0.01)	-0.032	0.023	0.160	-0.03 (-0.08, 0.01)
O43895	XPNPEP2	OID21508	192	-0.022	0.014	0.109	-0.02 (-0.05, 4.90e-03	0.396	1.83E-04	0.013	0.027	0.632	0.01 (-0.04, 0.06)	-0.002	0.128	0.018	0.020	0.351	0.02 (-0.02, 0.06)	0.014	0.023	0.531	0.01 (-0.03, 0.06)
Q9NQ76	MEPE	OID20753	122	-0.031	0.019	0.109	-0.03 (-0.07, 0.01)	0.396	4.36E-11	-0.034	0.035	0.327	-0.03 (-0.10, 0.03)	0.000	0.903	-0.060	0.024	0.015	-0.06 (-0.11, -0.01)	-0.040	0.026	0.116	-0.04 (-0.09, 0.01)
P31350	RRM2	OID21187	192	0.019	0.012	0.109	0.02 (-4.32e-03, 0.04)	0.397	0.437	0.001	0.023	0.975	7.38e-04 (-0.05, 0.05)	0.001	0.358	0.008	0.023	0.746	0.01 (-0.04, 0.05)	0.009	0.024	0.710	0.01 (-0.04, 0.06)
P0CG30	GSTT2B	OID31097	192	-0.012	0.008	0.110	-0.01 (-0.03, 2.77e-03	0.399	0.281	0.004	0.015	0.808	3.71e-03 (-0.03, 0.03)	-0.001	0.222	-0.002	0.015	0.876	-2.41e-03 (-0.03, 0.03)	-0.004	0.016	0.807	-3.98e-03 (-0.04, 0.03)
P04114	APOB	OID30673	192	0.019	0.012	0.110	0.02 (-4.32e-03, 0.04)	0.399	0.072	0.012	0.025	0.634	0.01 (-0.04, 0.06)	0.000	0.736	0.022	0.026	0.403	0.02 (-0.03, 0.07)	0.014	0.024	0.566	0.01 (-0.03, 0.06)
Q9Y4X3	CCL27	OID20121	192	-0.019	0.012	0.111	-0.02 (-0.04, 4.44e-03	0.401	0.042	-0.004	0.023	0.880	-3.54e-03 (-0.05, 0.04)	-0.001	0.435	0.007	0.021	0.739	0.01 (-0.03, 0.05)	0.003	0.022	0.875	3.46e-03 (-0.04, 0.05)
Q9NY25	CLEC5A	OID20165	192	-0.023	0.015	0.111	-0.02 (-0.05, 0.01)	0.401	1.10E-09	0.011	0.028	0.695	0.01 (-0.04, 0.07)	-0.002	0.157	0.007	0.023	0.746	0.01 (-0.04, 0.05)	0.009	0.021	0.673	0.01 (-0.03, 0.05)
Q9H773	DCTPP1	OID20148	192	-0.022	0.014	0.111	-0.02 (-0.05, 0.01)	0.401	9.66E-06	-0.028	0.027	0.308	-0.03 (-0.08, 0.03)	0.000	0.812	-0.006	0.023	0.806	-0.01 (-0.05, 0.04)	-0.026	0.023	0.256	-0.03 (-0.07, 0.02)
P00748	F12	OID30739	192	0.016	0.010	0.111	0.02 (-3.64e-03, 0.04)	0.401	4.61E-05	-0.002	0.019	0.909	-2.18e-03 (-0.04, 0.04)	0.001	0.274	0.017	0.016	0.291	0.02 (-0.01, 0.05)	0.019	0.015	0.228	0.02 (-0.01, 0.05)
B1AKI9	ISM1	OID20538	192	0.023	0.014	0.111	0.02 (-0.01, 0.05)	0.401	1.09E-06	0.007	0.027	0.808	0.01 (-0.05, 0.06)	0.001	0.501	0.014	0.023	0.551	0.01 (-0.03, 0.06)	0.009	0.022	0.676	0.01 (-0.03, 0.05)
Q96DR5	BPIFA2	OID30279	192	-0.027	0.017	0.112	-0.03 (-0.06, 0.01)	0.402	2.33E-19	0.013	0.032	0.680	0.01 (-0.05, 0.08)	-0.003	0.151	-0.014	0.025	0.578	-0.01 (-0.06, 0.04)	-0.018	0.026	0.502	-0.02 (-0.07, 0.03)
O00585	CCL21	OID20686	192	0.025	0.016	0.112	0.03 (-0.01, 0.06)	0.402	2.95E-12	-0.040	0.030	0.182	-0.04 (-0.10, 0.02)	0.004	0.012	-0.018	0.021	0.389	-0.02 (-0.06, 0.02)	-0.015	0.025	0.555	-0.01 (-0.06, 0.03)
Q6BAA4	FCRLB	OID21193	192	0.017	0.011	0.112	0.02 (-4.07e-03, 0.04)	0.402	0.003	0.021	0.021	0.330	0.02 (-0.02, 0.06)	0.000	0.857	0.004	0.016	0.795	4.10e-03 (-0.03, 0.03)	-0.002	0.019	0.938	-1.51e-03 (-0.04, 0.04)
Q9BPX1	HSD17B14	OID31098	192	0.017	0.011	0.112	0.02 (-4.01e-03, 0.04)	0.402	4.22E-04	-0.015	0.021	0.488	-0.01 (-0.06, 0.03)	0.002	0.077	0.009	0.016	0.585	0.01 (-0.02, 0.04)	0.007	0.020	0.720	0.01 (-0.03, 0.05)
P58294	PROK1	OID20543	192	0.015	0.010	0.112	0.02 (-3.61e-03, 0.03)	0.402	7.89E-05	0.013	0.019	0.497	0.01 (-0.02, 0.05)	0.000	0.872	0.016	0.018	0.381	0.02 (-0.02, 0.05)	0.013	0.018	0.490	0.01 (-0.02, 0.05)
P23526	AHCY	OID20199	192	-0.020	0.013	0.113	-0.02 (-0.05, 4.85e-03	0.405	0.008	-0.029	0.025	0.240	-0.03 (-0.08, 0.02)	0.001	0.671	-0.023	0.024	0.338	-0.02 (-0.07, 0.02)	-0.030	0.023	0.198	-0.03 (-0.07, 0.02)
P09871	C1S	OID30731	192	0.020	0.012	0.114	0.02 (-4.66e-03, 0.04)	0.405	0.025	-0.009	0.024	0.695	-0.01 (-0.06, 0.04)	0.002	0.159	0.001	0.023	0.966	9.96e-04 (-0.04, 0.05)	-0.012	0.023	0.582	-0.01 (-0.06, 0.03)
P20472	PVALB	OID21420	192	-0.018	0.011	0.114	-0.02 (-0.04, 4.21e-03	0.405	0.004	-0.012	0.022	0.579	-0.01 (-0.05, 0.03)	0.000	0.763	-0.004	0.018	0.844	-3.59e-03 (-0.04, 0.03)	-0.010	0.019	0.614	-0.01 (-0.05, 0.03)
Q03013	GSTM4	OID30164	192	0.019	0.012	0.114	0.02 (-4.50e-03, 0.04)	0.405	0.097	0.004	0.025	0.864	4.20e-03 (-0.04, 0.05)	0.001	0.488	0.013	0.025	0.612	0.01 (-0.04, 0.06)	0.017	0.024	0.480	0.02 (-0.03, 0.06)
P01135	TGFA	OID20600	192	0.023	0.014	0.114	0.02 (-0.01, 0.05)	0.406	9.83E-06	-0.002	0.028	0.951	-1.70e-03 (-0.06, 0.05)	0.002	0.307	0.027	0.024	0.256	0.03 (-0.02, 0.07)	0.020	0.024	0.414	0.02 (-0.03, 0.07)
O95433	AHSA1	OID31379	192	0.019	0.012	0.114	0.02 (-4.52e-03, 0.04)	0.406	0.520	0.015	0.023	0.526	0.01 (-0.03, 0.06)	0.000	0.834	0.007	0.024	0.776	0.01 (-0.04, 0.05)	0.007	0.026	0.771	0.01 (-0.04, 0.06)
Q9NR28	DIABLO	OID20184	192	-0.021	0.013	0.115	-0.02 (-0.05, 0.01)	0.406	0.003	-0.017	0.026	0.505	-0.02 (-0.07, 0.03)	0.000	0.866	-0.010	0.022	0.649	-0.01 (-0.05, 0.03)	-0.027	0.024	0.264	-0.03 (-0.07, 0.02)
P16860	NPPB	OID20049	192	-0.018	0.012	0.114	-0.02 (-0.04, 4.40e-03	0.406	0.150	-0.020	0.024	0.395	-0.02 (-0.07, 0.03)	0.000	0.925	-0.023	0.024	0.321	-0.02 (-0.07, 0.02)	-0.022	0.021	0.292	-0.02 (-0.06, 0.02)
O95466	FMNL1	OID20884	192	0.020	0.013	0.115	0.02 (-4.95e-03, 0.05)	0.406	0.033	0.007	0.025	0.780	0.01 (-0.04, 0.06)	0.001	0.535	0.043	0.023	0.056	0.04 (-1.13e-03, 0.09)	0.037	0.022	0.085	0.04 (-0.01, 0.08)
Q86VZ4	LRP11	OID20185	192	0.019	0.012	0.116	0.02 (-4.73e-03, 0.04)	0.410	0.002	-0.020	0.023	0.388	-0.02 (-0.07, 0.03)	0.002	0.051	0.022	0.022	0.300	0.02 (-0.02, 0.06)	0.008	0.022	0.727	0.01 (-0.04, 0.05)
Q14129	DGCR6	OID30859	192	0.021	0.013	0.116	0.02 (-0.01, 0.05)	0.411	0.018	0.006	0.026	0.820	0.01 (-0.04, 0.06)	0.001	0.499	-0.004	0.023	0.868	-3.87e-03 (-0.05, 0.04)	-0.003	0.026	0.909	-2.98e-03 (-0.05, 0.05)
Q86YW5	TREML1	OID30682	192	-0.023	0.015	0.117	-0.02 (-0.05, 0.01)	0.413	1.28E-07	-0.026	0.029	0.369	-0.03 (-0.08, 0.03)	0.000	0.912	-0.017	0.024	0.494	-0.02 (-0.06, 0.03)	-0.018	0.024	0.454	-0.02 (-0.07, 0.03)
P29466	CASP1	OID20854	192	0.018	0.012	0.118	0.02 (-4.67e-03, 0.04)	0.415	0.348	0.004	0.023	0.880	3.52e-03 (-0.04, 0.05)	0.001	0.455	0.012	0.025	0.641	0.01 (-0.04, 0.06)	0.022	0.024	0.364	0.02 (-0.03, 0.07)
Q9NQ79	CRTAC1	OID20279	192	-0.017	0.011	0.118	-0.02 (-0.04, 4.44e-03	0.415	2.24E-04	-0.042	0.022	0.063	-0.04 (-0.09, 2.02e-03)	0.001	0.211	-0.001	0.016	0.951	-1.00e-03 (-0.03, 0.03)	-0.007	0.020	0.709	-0.01 (-0.05, 0.03)
Q86YD3	TMEM25	OID31015	192	0.018	0.012	0.118	0.02 (-4.61e-03, 0.04)	0.415	0.263	0.028	0.023	0.230	0.03 (-0.02, 0.07)	-0.001	0.621	0.033	0.022	0.131	0.03 (-0.01, 0.08)	0.027	0.022	0.220	0.03 (-0.02, 0.07)
Q16653	MOG	OID21384	192	-0.021	0.014	0.119	-0.02 (-0.05, 0.01)	0.417	1.04E-05	0.044	0.026	0.088	0.04 (-0.01, 0.09)	-0.004	0.003	-0.025	0.023	0.260	-0.03 (-0.07, 0.02)	-0.026	0.021	0.233	-0.03 (-0.07, 0.02)
Q96L15	ART5	OID30828	192	-0.019	0.012	0.119	-0.02 (-0.04, 4.83e-03	0.417	0.198	-0.010	0.024	0.679	-0.01 (-0.06, 0.04)	-0.001	0.678	-0.032	0.024	0.173	-0.03 (-0.08, 0.01)	-0.021	0.024	0.383	-0.02 (-0.07, 0.03)
P04275	VWF	OID20256	192	0.054	0.035	0.119	0.05 (-0.01, 0.12)	0.418	9.86E-252	0.019	0.068	0.774	0.02 (-0.11, 0.15)	0.002	0.548	0.024	0.023	0.308	0.02 (-0.02, 0.07)	0.032	0.024	0.178	0.03 (-0.01, 0.08)
P02745	C1QA	OID20654	192	0.019	0.012	0.120	0.02 (-0.01, 0.04)	0.420	0.016	0.017	0.024	0.476	0.02 (-0.03, 0.06)	0.000	0.920	-0.002	0.022	0.919	-2.25e-03 (-0.05, 0.04)	0.008	0.024	0.752	0.01 (-0.04, 0.06)
Q9UJ71	CD207	OID21298	192	0.024	0.015	0.120	0.02 (-0.01, 0.05)	0.420	5.06E-16	0.026	0.030	0.381	0.03 (-0.03, 0.08)	0.000	0.927	0.025	0.023	0.275	0.03 (-0.02, 0.07)	0.032	0.023	0.161	0.03 (-0.01, 0.08)
P04083	ANXA1	OID30617	192	0.018	0.012	0.121	0.02 (-4.78e-03, 0.04)	0.421	0.063	-0.015	0.024	0.546	-0.01 (-0.06, 0.03)	0.002	0.116	-0.003	0.022	0.898	-2.85e-03 (-0.05, 0.04)	0.007	0.025	0.784	0.01 (-0.04, 0.06)
P00749	PLAU	OID21124	192	-0.024	0.015	0.121	-0.02 (-0.05, 0.01)	0.421	1.63E-11	-0.017	0.029	0.559	-0.02 (-0.07, 0.04)	0.000	0.804	-0.049	0.024	0.036	-0.05 (-0.10, -3.21e-03)	-0.057	0.024	0.019	-0.06 (-0.11, -0.01)
P02775	PPBP	OID30761	192	-0.026	0.017	0.121	-0.03 (-0.06, 0.01)	0.422	1.43E-15	-0.033	0.032	0.308	-0.03 (-0.10, 0.03)	0.000	0.793	-0.023	0.025	0.355	-0.02 (-0.07, 0.03)	-0.027	0.024	0.258	-0.03 (-0.07, 0.02)
Q9NPH3	IL1RAP	OID21126	192	-0.017	0.011	0.121	-0.02 (-0.04, 4.64e-03	0.422	2.60E-17	0.031	0.021	0.141	0.03 (-0.01, 0.07)	-0.003	0.008	0.028	0.014	0.036	0.03 (1.87e-03, 0.06)	0.022	0.015	0.140	0.02 (-0.01, 0.05)
P43487	RANBP1	OID30258	192	0.018	0.012	0.121	0.02 (-4.83e-03, 0.04)	0.422	0.712	0.000	0.023	0.983	4.76e-04 (-0.04, 0.05)	0.001	0.364	0.024	0.024	0.316	0.02 (-0.02, 0.07)	0.019	0.024	0.438	0.02 (-0.03, 0.07)
P55211	CASP9	OID30530	192	-0.020	0.013	0.122	-0.02 (-0.05, 0.01)	0.422	0.038	-0.035	0.025	0.164	-0.04 (-0.09, 0.01)	0.001	0.485	-0.042	0.021	0.044	-0.04 (-0.08, -1.10e-03)	-0.050	0.027	0.070	-0.05 (-0.10, 3.80e-03)
Q14435	GALNT3	OID20471	192	0.044	0.028	0.122	0.04 (-0.01, 0.10)	0.422	2.74E-146	0.048	0.055	0.381	0.05 (-0.06, 0.16)	0.000	0.925	0.035	0.025	0.154	0.04 (-0.01, 0.08)	0.034	0.023	0.143	0.03 (-0.01, 0.08)
P53539	FOSB	OID20791	192	0.019	0.012	0.122	0.02 (-0.01, 0.04)	0.422	0.141	0.061	0.025	0.014	0.06 (0.01, 0.11)	-0.003	0.046	0.025	0.024	0.300	0.03 (-0.02, 0.07)	0.043	0.023	0.071	0.04 (-3.36e-03, 0.09)
Q9NRS6	SNX15	OID30644	192	0.019	0.012	0.123	0.02 (-0.01, 0.04)	0.424	0.035	0.014	0.023	0.565	0.01 (-0.03, 0.06)	0.000	0.798	0.029	0.022	0.187	0.03 (-0.01, 0.07)	0.016	0.022	0.466	0.02 (-0.03, 0.06)
P19021	PAM	OID20291	192	-0.077	0.050	0.123	-0.08 (-0.18, 0.02)	0.424	0.00E+00	-0.192	0.097	0.048	-0.19 (-0.38, -2.96e-03)	0.007	0.165	-0.029	0.022	0.184	-0.03 (-0.07, 0.01)	-0.037	0.023	0.112	-0.04 (-0.08, 0.01)
P00167	CYB5A	OID31171	192	0.019	0.012	0.124	0.02 (-0.01, 0.04)	0.426	0.441	0.043	0.024	0.072	0.04 (-3.64e-03, 0.09)	-0.002	0.237	0.052	0.022	0.016	0.05 (0.01, 0.09)	0.054	0.023	0.020	0.05 (0.01, 0.10)
P22897	MRC1	OID30694	192	0.026	0.017	0.124	0.03 (-0.01, 0.06)	0.426	3.11E-22	-0.040	0.032	0.220	-0.04 (-0.10, 0.02)	0.004	0.019	0.006	0.020	0.785	0.01 (-0.03, 0.05)	-0.030	0.024	0.212	-0.03 (-0.08, 0.02)
Q16620	NTRK2	OID20136	192	0.021	0.014	0.124	0.02 (-0.01, 0.05)	0.426	2.99E-04	0.002	0.026	0.947	1.74e-03 (-0.05, 0.05)	0.001	0.397	0.035	0.023	0.137	0.03 (-0.01, 0.08)	0.021	0.024	0.388	0.02 (-0.03, 0.07)
Q6P5Z2	PKN3	OID31311	192	-0.020	0.013	0.124	-0.02 (-0.05, 0.01)	0.426	0.033	-0.025	0.025	0.314	-0.03 (-0.07, 0.02)	0.000	0.799	-0.046	0.024	0.057	-0.05 (-0.09, 1.32e-03)	-0.030	0.024	0.214	-0.03 (-0.08, 0.02)
P55957	BID	OID20517	192	0.020	0.013	0.125	0.02 (-0.01, 0.05)	0.428	0.018	-0.003	0.025	0.895	-3.33e-03 (-0.05, 0.05)	0.001	0.282	0.015	0.024	0.526	0.02 (-0.03, 0.06)	0.000	0.023	0.997	7.40e-05 (-0.04, 0.04)
Q9BZW8	CD244	OID20628	192	0.020	0.013	0.125	0.02 (-0.01, 0.05)	0.428	2.53E-04	0.034	0.026	0.186	0.03 (-0.02, 0.08)	-0.001	0.533	0.023	0.023	0.307	0.02 (-0.02, 0.07)	0.032	0.022	0.150	0.03 (-0.01, 0.07)
Q8N9I9	DTX3	OID21349	192	-0.020	0.013	0.125	-0.02 (-0.05, 0.01)	0.429	1.24E-04	-0.054	0.025	0.032	-0.05 (-0.10, -0.01)	0.002	0.111	-0.041	0.022	0.066	-0.04 (-0.09, 2.73e-03)	-0.046	0.023	0.042	-0.05 (-0.09, -1.97e-03)
P41218	MNDA	OID20156	192	0.017	0.011	0.125	0.02 (-4.83e-03, 0.04)	0.429	0.467	0.024	0.022	0.281	0.02 (-0.02, 0.07)	0.000	0.732	0.041	0.022	0.056	0.04 (-1.07e-03, 0.08)	0.040	0.022	0.074	0.04 (-3.65e-03, 0.08)
P02771	AFP	OID20978	192	-0.025	0.017	0.126	-0.03 (-0.06, 0.01)	0.431	8.89E-23	0.017	0.032	0.588	0.02 (-0.05, 0.08)	-0.003	0.121	0.018	0.021	0.402	0.02 (-0.02, 0.06)	0.009	0.022	0.684	0.01 (-0.03, 0.05)
Q9NZN3	EHD3	OID30229	192	-0.022	0.014	0.126	-0.02 (-0.05, 0.01)	0.431	1.51E-04	-0.030	0.027	0.276	-0.03 (-0.08, 0.02)	0.001	0.723	-0.012	0.025	0.633	-0.01 (-0.06, 0.04)	-0.028	0.024	0.237	-0.03 (-0.08, 0.02)
O75023	LILRB5	OID20324	192	0.011	0.007	0.126	0.01 (-3.08e-03, 0.02)	0.431	0.001	-0.012	0.014	0.380	-0.01 (-0.04, 0.01)	0.001	0.051	-0.006	0.013	0.648	-0.01 (-0.03, 0.02)	-0.007	0.013	0.586	-0.01 (-0.03, 0.02)
P20273	CD22	OID20637	192	0.029	0.019	0.127	0.03 (-0.01, 0.07)	0.432	1.35E-38	-0.029	0.036	0.430	-0.03 (-0.10, 0.04)	0.004	0.066	0.016	0.022	0.476	0.02 (-0.03, 0.06)	0.026	0.021	0.201	0.03 (-0.01, 0.07)
Q92854	SEMA4D	OID21020	192	-0.022	0.014	0.127	-0.02 (-0.05, 0.01)	0.432	6.40E-05	-0.026	0.027	0.353	-0.03 (-0.08, 0.03)	0.000	0.865	-0.021	0.024	0.382	-0.02 (-0.07, 0.03)	-0.021	0.020	0.302	-0.02 (-0.06, 0.02)
Q8N0Z9	VSIG10	OID31400	192	0.019	0.013	0.127	0.02 (-0.01, 0.04)	0.432	3.03E-06	0.000	0.024	0.989	3.25e-04 (-0.05, 0.05)	0.001	0.367	0.011	0.020	0.580	0.01 (-0.03, 0.05)	0.013	0.019	0.496	0.01 (-0.02, 0.05)
P50120	RBP2	OID21365	192	0.018	0.012	0.127	0.02 (-0.01, 0.04)	0.432	0.157	-0.005	0.024	0.837	-4.93e-03 (-0.05, 0.04)	0.001	0.266	-0.001	0.020	0.973	-6.81e-04 (-0.04, 0.04)	0.002	0.022	0.936	1.76e-03 (-0.04, 0.05)
Q9NPB3	CABP2	OID30916	192	0.018	0.012	0.128	0.02 (-0.01, 0.04)	0.433	0.245	0.029	0.024	0.229	0.03 (-0.02, 0.08)	-0.001	0.601	0.042	0.023	0.065	0.04 (-2.58e-03, 0.09)	0.044	0.026	0.084	0.04 (-0.01, 0.09)
P05451	REG1A	OID20415	192	0.030	0.019	0.128	0.03 (-0.01, 0.07)	0.433	9.85E-41	0.038	0.038	0.323	0.04 (-0.04, 0.11)	0.000	0.807	0.031	0.021	0.150	0.03 (-0.01, 0.07)	0.027	0.022	0.228	0.03 (-0.02, 0.07)
P01009	SERPINA1	OID30750	192	-0.018	0.012	0.128	-0.02 (-0.04, 0.01)	0.433	0.160	-0.037	0.024	0.130	-0.04 (-0.08, 0.01)	0.001	0.368	-0.008	0.024	0.743	-0.01 (-0.05, 0.04)	-0.014	0.022	0.510	-0.01 (-0.06, 0.03)
P14091	CTSE	OID30628	192	0.029	0.019	0.129	0.03 (-0.01, 0.07)	0.436	2.37E-41	0.060	0.038	0.114	0.06 (-0.01, 0.13)	-0.002	0.348	0.059	0.022	0.007	0.06 (0.02, 0.10)	0.073	0.023	0.002	0.07 (0.03, 0.12)
Q9P013	CWC15	OID31479	192	0.023	0.015	0.129	0.02 (-0.01, 0.05)	0.436	3.41E-08	0.008	0.029	0.780	0.01 (-0.05, 0.07)	0.001	0.558	-0.031	0.021	0.144	-0.03 (-0.07, 0.01)	-0.037	0.026	0.153	-0.04 (-0.09, 0.01)
P47992	XCL1	OID21398	192	0.019	0.012	0.129	0.02 (-0.01, 0.04)	0.436	5.50E-06	-0.025	0.024	0.283	-0.03 (-0.07, 0.02)	0.003	0.030	0.007	0.017	0.695	0.01 (-0.03, 0.04)	-0.003	0.020	0.867	-3.39e-03 (-0.04, 0.04)
P23919	DTYMK	OID30308	192	0.020	0.013	0.130	0.02 (-0.01, 0.05)	0.438	0.005	0.014	0.026	0.582	0.01 (-0.04, 0.06)	0.000	0.791	0.024	0.024	0.308	0.02 (-0.02, 0.07)	0.008	0.023	0.717	0.01 (-0.04, 0.05)
Q16891	IMMT	OID31397	192	0.023	0.015	0.131	0.02 (-0.01, 0.05)	0.439	1.33E-08	-0.007	0.029	0.809	-0.01 (-0.06, 0.05)	0.002	0.234	-0.033	0.022	0.125	-0.03 (-0.08, 0.01)	-0.040	0.023	0.080	-0.04 (-0.08, 4.52e-03)
P13726	F3	OID21440	192	-0.026	0.017	0.131	-0.03 (-0.06, 0.01)	0.439	1.07E-30	-0.004	0.034	0.899	-4.29e-03 (-0.07, 0.06)	-0.001	0.447	0.011	0.020	0.605	0.01 (-0.03, 0.05)	0.010	0.022	0.655	0.01 (-0.03, 0.05)
Q8WVQ1	CANT1	OID20181	192	-0.021	0.014	0.133	-0.02 (-0.05, 0.01)	0.440	1.47E-04	-0.057	0.027	0.034	-0.06 (-0.11, -4.75e-03)	0.002	0.115	-0.019	0.023	0.406	-0.02 (-0.07, 0.03)	-0.040	0.023	0.081	-0.04 (-0.08, 4.76e-03)
O43240	KLK10	OID21523	192	-0.018	0.012	0.133	-0.02 (-0.04, 0.01)	0.440	0.012	-0.003	0.023	0.910	-2.58e-03 (-0.05, 0.04)	-0.001	0.439	-0.005	0.023	0.844	-4.57e-03 (-0.05, 0.04)	-0.004	0.024	0.866	-3.99e-03 (-0.05, 0.04)
A6NCE7	MAP1LC3B2	OID30074	192	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.440	0.317	0.000	0.024	0.985	-4.51e-04 (-0.05, 0.05)	0.001	0.364	0.005	0.024	0.850	4.56e-03 (-0.04, 0.05)	0.013	0.024	0.572	0.01 (-0.03, 0.06)
Q7Z6M3	MILR1	OID20482	192	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.440	0.016	0.015	0.024	0.519	0.02 (-0.03, 0.06)	0.000	0.879	-0.008	0.018	0.646	-0.01 (-0.04, 0.03)	-0.019	0.024	0.427	-0.02 (-0.06, 0.03)
P08590	MYL3	OID30251	192	0.022	0.015	0.132	0.02 (-0.01, 0.05)	0.440	1.53E-09	-0.065	0.027	0.017	-0.07 (-0.12, -0.01)	0.006	2.45E-04	-0.036	0.019	0.059	-0.04 (-0.07, 1.40e-03)	-0.053	0.023	0.020	-0.05 (-0.10, -0.01)
O00567	NOP56	OID30055	192	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.440	0.098	0.020	0.025	0.417	0.02 (-0.03, 0.07)	0.000	0.920	0.004	0.026	0.865	4.40e-03 (-0.05, 0.06)	0.010	0.028	0.724	0.01 (-0.04, 0.06)
P49788	RARRES1	OID21177	192	0.020	0.013	0.132	0.02 (-0.01, 0.05)	0.440	3.45E-04	-0.001	0.026	0.963	-1.19e-03 (-0.05, 0.05)	0.001	0.337	0.027	0.024	0.252	0.03 (-0.02, 0.07)	0.026	0.021	0.216	0.03 (-0.01, 0.07)
Q9UHJ6	SHPK	OID31292	192	0.018	0.012	0.132	0.02 (-0.01, 0.04)	0.440	0.056	0.022	0.025	0.390	0.02 (-0.03, 0.07)	0.000	0.866	0.011	0.024	0.635	0.01 (-0.04, 0.06)	0.004	0.025	0.878	3.84e-03 (-0.04, 0.05)
Q9NXA8	SIRT5	OID20820	192	-0.018	0.012	0.132	-0.02 (-0.04, 0.01)	0.440	0.285	-0.005	0.024	0.827	-0.01 (-0.05, 0.04)	-0.001	0.532	-0.013	0.025	0.608	-0.01 (-0.06, 0.04)	-0.010	0.026	0.702	-0.01 (-0.06, 0.04)
Q02083	NAAA	OID20931	192	0.030	0.020	0.133	0.03 (-0.01, 0.07)	0.440	8.22E-67	0.039	0.039	0.320	0.04 (-0.04, 0.12)	-0.001	0.797	0.023	0.021	0.276	0.02 (-0.02, 0.06)	0.021	0.019	0.262	0.02 (-0.02, 0.06)
Q7Z6I6	ARHGAP30	OID31336	192	0.018	0.012	0.134	0.02 (-0.01, 0.04)	0.442	0.203	-0.012	0.024	0.632	-0.01 (-0.06, 0.04)	0.002	0.154	-0.008	0.020	0.693	-0.01 (-0.05, 0.03)	-0.022	0.026	0.412	-0.02 (-0.07, 0.03)
Q8IWP9	CCDC28A	OID30973	192	-0.018	0.012	0.134	-0.02 (-0.04, 0.01)	0.442	0.121	-0.006	0.025	0.822	-0.01 (-0.05, 0.04)	-0.001	0.556	-0.015	0.026	0.565	-0.01 (-0.07, 0.04)	-0.020	0.024	0.402	-0.02 (-0.07, 0.03)
O00626	CCL22	OID20765	192	0.019	0.013	0.134	0.02 (-0.01, 0.04)	0.442	0.027	-0.004	0.025	0.857	-4.47e-03 (-0.05, 0.04)	0.001	0.266	0.019	0.024	0.430	0.02 (-0.03, 0.07)	0.029	0.022	0.196	0.03 (-0.01, 0.07)
P80370	DLK1	OID20295	192	0.022	0.014	0.134	0.02 (-0.01, 0.05)	0.442	5.16E-11	-0.023	0.028	0.402	-0.02 (-0.08, 0.03)	0.003	0.060	-0.034	0.020	0.087	-0.03 (-0.07, 4.95e-03)	-0.037	0.022	0.088	-0.04 (-0.08, 0.01)
P50914	RPL14	OID30284	192	0.018	0.012	0.134	0.02 (-0.01, 0.04)	0.443	0.073	-0.041	0.025	0.096	-0.04 (-0.09, 0.01)	0.004	0.005	-0.004	0.019	0.838	-3.93e-03 (-0.04, 0.03)	-0.020	0.024	0.418	-0.02 (-0.07, 0.03)
P29279	CCN2	OID20709	192	-0.024	0.016	0.135	-0.02 (-0.06, 0.01)	0.444	7.34E-15	-0.021	0.032	0.514	-0.02 (-0.08, 0.04)	0.000	0.893	-0.002	0.022	0.930	-1.94e-03 (-0.05, 0.04)	-0.003	0.023	0.889	-3.22e-03 (-0.05, 0.04)
P51808	DYNLT3	OID31415	192	0.017	0.012	0.136	0.02 (-0.01, 0.04)	0.447	0.059	0.003	0.024	0.895	3.22e-03 (-0.04, 0.05)	0.001	0.499	0.017	0.024	0.473	0.02 (-0.03, 0.06)	0.001	0.024	0.980	6.04e-04 (-0.05, 0.05)
P29460	IL12B	OID20666	192	0.022	0.015	0.136	0.02 (-0.01, 0.05)	0.447	3.56E-14	-0.020	0.028	0.481	-0.02 (-0.08, 0.04)	0.003	0.085	0.015	0.019	0.404	0.02 (-0.02, 0.05)	0.007	0.021	0.732	0.01 (-0.03, 0.05)
P04406	GAPDH	OID30600	192	0.018	0.012	0.137	0.02 (-0.01, 0.04)	0.450	0.548	-0.011	0.023	0.649	-0.01 (-0.06, 0.03)	0.002	0.155	-0.004	0.024	0.862	-4.18e-03 (-0.05, 0.04)	-0.012	0.024	0.628	-0.01 (-0.06, 0.04)
Q9UKR0	KLK12	OID21201	192	0.010	0.007	0.137	0.01 (-3.34e-03, 0.02)	0.450	0.102	0.005	0.014	0.754	4.55e-03 (-0.02, 0.03)	0.000	0.634	0.021	0.013	0.128	0.02 (-0.01, 0.05)	0.010	0.015	0.527	0.01 (-0.02, 0.04)
P51580	TPMT	OID21270	192	-0.019	0.013	0.137	-0.02 (-0.04, 0.01)	0.450	0.007	0.001	0.025	0.984	5.12e-04 (-0.05, 0.05)	-0.001	0.358	0.000	0.023	0.989	3.24e-04 (-0.04, 0.05)	-0.012	0.023	0.601	-0.01 (-0.06, 0.03)
P01019	AGT	OID30709	192	-0.018	0.012	0.138	-0.02 (-0.04, 0.01)	0.450	0.014	-0.036	0.024	0.131	-0.04 (-0.08, 0.01)	0.001	0.383	-0.040	0.018	0.030	-0.04 (-0.08, -3.83e-03)	-0.045	0.024	0.063	-0.05 (-0.09, 2.17e-03)
P07320	CRYGD	OID31144	192	-0.017	0.011	0.138	-0.02 (-0.04, 0.01)	0.451	0.002	0.004	0.022	0.842	4.37e-03 (-0.04, 0.05)	-0.001	0.261	0.000	0.020	0.990	2.57e-04 (-0.04, 0.04)	-0.009	0.020	0.667	-0.01 (-0.05, 0.03)
P11532	DMD	OID30223	192	0.017	0.012	0.139	0.02 (-0.01, 0.04)	0.451	0.110	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)	0.002	0.057	-0.025	0.020	0.207	-0.03 (-0.06, 0.01)	-0.030	0.022	0.188	-0.03 (-0.07, 0.01)
Q6EBC2	IL31	OID30487	21	-0.034	0.023	0.139	-0.03 (-0.08, 0.01)	0.451	0.061	-0.049	0.042	0.259	-0.05 (-0.13, 0.03)	0.002	0.634	-0.026	0.028	0.342	-0.03 (-0.08, 0.03)	-0.024	0.028	0.402	-0.02 (-0.08, 0.03)
Q9NPE2	NGRN	OID31115	192	0.019	0.013	0.139	0.02 (-0.01, 0.04)	0.451	0.025	-0.025	0.025	0.310	-0.03 (-0.07, 0.02)	0.003	0.038	-0.010	0.022	0.671	-0.01 (-0.05, 0.03)	-0.007	0.023	0.750	-0.01 (-0.05, 0.04)
Q15427	SF3B4	OID21278	192	-0.019	0.013	0.139	-0.02 (-0.04, 0.01)	0.451	0.045	-0.018	0.025	0.478	-0.02 (-0.07, 0.03)	0.000	0.953	-0.014	0.023	0.554	-0.01 (-0.06, 0.03)	-0.033	0.024	0.176	-0.03 (-0.08, 0.01)
P78539	SRPX	OID30310	192	-0.020	0.014	0.139	-0.02 (-0.05, 0.01)	0.451	6.76E-07	-0.014	0.027	0.606	-0.01 (-0.07, 0.04)	0.000	0.775	0.012	0.022	0.569	0.01 (-0.03, 0.05)	0.018	0.021	0.407	0.02 (-0.02, 0.06)
P20062	TCN2	OID20341	192	0.018	0.012	0.139	0.02 (-0.01, 0.04)	0.451	2.36E-08	-0.008	0.024	0.728	-0.01 (-0.05, 0.04)	0.002	0.195	-0.003	0.020	0.902	-2.51e-03 (-0.04, 0.04)	-0.017	0.021	0.419	-0.02 (-0.06, 0.02)
Q9NZN5	ARHGEF12	OID20554	192	-0.019	0.013	0.140	-0.02 (-0.04, 0.01)	0.453	0.011	-0.008	0.025	0.740	-0.01 (-0.06, 0.04)	-0.001	0.618	-0.014	0.022	0.511	-0.01 (-0.06, 0.03)	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)
Q49AH0	CDNF	OID21318	192	-0.020	0.013	0.140	-0.02 (-0.05, 0.01)	0.453	0.001	-0.012	0.026	0.651	-0.01 (-0.06, 0.04)	0.000	0.725	-0.028	0.023	0.236	-0.03 (-0.07, 0.02)	-0.008	0.023	0.724	-0.01 (-0.05, 0.04)
O14960	LECT2	OID30320	192	0.015	0.010	0.140	0.01 (-4.79e-03, 0.03)	0.454	3.97E-07	-0.027	0.019	0.148	-0.03 (-0.06, 0.01)	0.003	0.010	-0.012	0.015	0.437	-0.01 (-0.04, 0.02)	-0.010	0.017	0.548	-0.01 (-0.04, 0.02)
P26639	TARS1	OID31343	192	0.017	0.012	0.140	0.02 (-0.01, 0.04)	0.454	0.073	0.024	0.025	0.332	0.02 (-0.02, 0.07)	0.000	0.757	0.035	0.023	0.121	0.04 (-0.01, 0.08)	0.025	0.025	0.325	0.02 (-0.02, 0.07)
P10144	GZMB	OID20604	192	0.019	0.013	0.141	0.02 (-0.01, 0.05)	0.454	9.30E-05	0.051	0.026	0.049	0.05 (6.18e-04, 0.10)	-0.002	0.155	0.012	0.021	0.589	0.01 (-0.03, 0.05)	0.014	0.022	0.524	0.01 (-0.03, 0.06)
P49715	CEBPA	OID30458	192	0.020	0.013	0.141	0.02 (-0.01, 0.05)	0.455	0.023	-0.015	0.026	0.571	-0.01 (-0.06, 0.04)	0.002	0.122	-0.016	0.022	0.470	-0.02 (-0.06, 0.03)	-0.017	0.023	0.477	-0.02 (-0.06, 0.03)
P35237	SERPINB6	OID21023	192	-0.019	0.013	0.141	-0.02 (-0.04, 0.01)	0.455	0.020	-0.027	0.025	0.284	-0.03 (-0.08, 0.02)	0.000	0.713	-0.012	0.023	0.609	-0.01 (-0.06, 0.03)	-0.032	0.023	0.175	-0.03 (-0.08, 0.01)
Q9NS68	TNFRSF19	OID21446	192	-0.021	0.014	0.141	-0.02 (-0.05, 0.01)	0.455	1.12E-08	-0.026	0.027	0.335	-0.03 (-0.08, 0.03)	0.000	0.807	-0.031	0.023	0.176	-0.03 (-0.07, 0.01)	-0.027	0.021	0.202	-0.03 (-0.07, 0.01)
P15260	IFNGR1	OID20678	192	-0.022	0.015	0.141	-0.02 (-0.05, 0.01)	0.455	9.27E-10	-0.039	0.029	0.189	-0.04 (-0.10, 0.02)	0.001	0.513	-0.042	0.022	0.063	-0.04 (-0.09, 2.21e-03)	-0.036	0.021	0.091	-0.04 (-0.08, 0.01)
O15212	PFDN6	OID30938	192	0.018	0.012	0.143	0.02 (-0.01, 0.04)	0.460	0.643	0.033	0.023	0.158	0.03 (-0.01, 0.08)	-0.001	0.441	0.022	0.024	0.357	0.02 (-0.02, 0.07)	0.018	0.023	0.437	0.02 (-0.03, 0.06)
Q8NBZ7	UXS1	OID21189	192	0.017	0.012	0.143	0.02 (-0.01, 0.04)	0.460	0.073	0.002	0.025	0.938	1.92e-03 (-0.05, 0.05)	0.001	0.466	0.017	0.024	0.484	0.02 (-0.03, 0.06)	0.020	0.022	0.383	0.02 (-0.02, 0.06)
P12318	FCGR2A	OID20391	192	0.017	0.012	0.144	0.02 (-0.01, 0.04)	0.460	6.55E-08	-0.006	0.022	0.791	-0.01 (-0.05, 0.04)	0.001	0.232	-0.011	0.018	0.566	-0.01 (-0.05, 0.03)	-0.003	0.019	0.874	-2.94e-03 (-0.04, 0.03)
Q12809	KCNH2	OID30899	192	0.018	0.012	0.144	0.02 (-0.01, 0.04)	0.460	0.274	-0.011	0.024	0.633	-0.01 (-0.06, 0.04)	0.002	0.158	-0.018	0.023	0.443	-0.02 (-0.06, 0.03)	-0.009	0.027	0.728	-0.01 (-0.06, 0.04)
P15018	LIF	OID20824	192	0.018	0.012	0.144	0.02 (-0.01, 0.04)	0.460	0.362	-0.015	0.024	0.531	-0.01 (-0.06, 0.03)	0.002	0.111	0.005	0.025	0.840	0.01 (-0.04, 0.05)	0.004	0.023	0.863	3.92e-03 (-0.04, 0.05)
Q12968	NFATC3	OID20470	192	0.022	0.015	0.144	0.02 (-0.01, 0.05)	0.460	7.05E-07	-0.001	0.029	0.959	-1.49e-03 (-0.06, 0.06)	0.001	0.348	-0.032	0.023	0.154	-0.03 (-0.08, 0.01)	-0.037	0.024	0.125	-0.04 (-0.08, 0.01)
P12955	PEPD	OID30688	192	-0.022	0.015	0.144	-0.02 (-0.05, 0.01)	0.460	1.94E-10	-0.055	0.029	0.057	-0.05 (-0.11, 1.21e-03)	0.002	0.176	-0.043	0.023	0.064	-0.04 (-0.09, 2.45e-03)	-0.051	0.022	0.022	-0.05 (-0.09, -0.01)
Q16378	PRR4	OID30607	192	-0.016	0.011	0.144	-0.02 (-0.04, 0.01)	0.460	0.040	0.013	0.021	0.542	0.01 (-0.03, 0.05)	-0.002	0.111	0.008	0.018	0.649	0.01 (-0.03, 0.04)	0.000	0.022	0.990	-2.83e-04 (-0.04, 0.04)
P18428	LBP	OID20355	192	0.019	0.013	0.144	0.02 (-0.01, 0.04)	0.460	1.04E-06	-0.032	0.025	0.202	-0.03 (-0.08, 0.02)	0.003	0.018	-0.018	0.021	0.383	-0.02 (-0.06, 0.02)	-0.019	0.021	0.359	-0.02 (-0.06, 0.02)
O00175	CCL24	OID20772	192	0.012	0.008	0.145	0.01 (-4.20e-03, 0.03)	0.460	0.001	0.022	0.016	0.166	0.02 (-0.01, 0.05)	-0.001	0.461	0.012	0.015	0.417	0.01 (-0.02, 0.04)	0.010	0.014	0.506	0.01 (-0.02, 0.04)
Q6UWR7	ENPP6	OID30273	192	0.039	0.027	0.145	0.04 (-0.01, 0.09)	0.461	2.10E-140	0.108	0.052	0.040	0.11 (0.01, 0.21)	-0.004	0.126	0.032	0.023	0.162	0.03 (-0.01, 0.08)	0.029	0.021	0.170	0.03 (-0.01, 0.07)
Q16836	HADH	OID30132	192	0.018	0.012	0.145	0.02 (-0.01, 0.04)	0.461	0.457	0.005	0.024	0.817	0.01 (-0.04, 0.05)	0.001	0.548	0.017	0.026	0.516	0.02 (-0.03, 0.07)	0.021	0.026	0.403	0.02 (-0.03, 0.07)
P24666	ACP1	OID30524	192	-0.017	0.011	0.146	-0.02 (-0.04, 0.01)	0.464	0.103	0.004	0.023	0.877	3.62e-03 (-0.04, 0.05)	-0.001	0.317	0.005	0.022	0.820	0.01 (-0.04, 0.05)	0.002	0.022	0.924	2.08e-03 (-0.04, 0.04)
Q15828	CST6	OID20293	192	-0.022	0.015	0.146	-0.02 (-0.05, 0.01)	0.464	1.90E-12	0.007	0.030	0.806	0.01 (-0.05, 0.07)	-0.002	0.246	0.007	0.022	0.768	0.01 (-0.04, 0.05)	-0.008	0.027	0.756	-0.01 (-0.06, 0.04)
Q9UQV4	LAMP3	OID20638	192	0.019	0.013	0.146	0.02 (-0.01, 0.04)	0.464	0.001	-0.003	0.025	0.911	-2.75e-03 (-0.05, 0.05)	0.001	0.316	0.023	0.023	0.326	0.02 (-0.02, 0.07)	0.011	0.022	0.607	0.01 (-0.03, 0.06)
Q99969	RARRES2	OID20373	192	0.021	0.014	0.147	0.02 (-0.01, 0.05)	0.465	9.10E-07	-0.034	0.028	0.219	-0.03 (-0.09, 0.02)	0.003	0.021	0.032	0.023	0.155	0.03 (-0.01, 0.08)	0.026	0.024	0.275	0.03 (-0.02, 0.07)
P26436	ACRV1	OID30513	192	-0.011	0.008	0.148	-0.01 (-0.03, 3.92e-03	0.466	0.581	0.000	0.015	0.996	8.06e-05 (-0.03, 0.03)	-0.001	0.381	-0.010	0.016	0.503	-0.01 (-0.04, 0.02)	-0.007	0.015	0.612	-0.01 (-0.04, 0.02)
P51693	APLP1	OID20164	192	-0.021	0.014	0.148	-0.02 (-0.05, 0.01)	0.466	8.54E-06	0.021	0.028	0.442	0.02 (-0.03, 0.08)	-0.003	0.078	-0.025	0.025	0.320	-0.02 (-0.07, 0.02)	-0.044	0.024	0.074	-0.04 (-0.09, 3.99e-03)
O75460	ERN1	OID31391	192	0.029	0.020	0.148	0.03 (-0.01, 0.07)	0.466	3.38E-41	0.007	0.039	0.862	0.01 (-0.07, 0.08)	0.001	0.505	-0.012	0.022	0.591	-0.01 (-0.06, 0.03)	-0.004	0.023	0.871	-3.82e-03 (-0.05, 0.04)
Q96BQ1	FAM3D	OID31514	192	0.084	0.058	0.148	0.08 (-0.03, 0.20)	0.466	0.00E+00	0.024	0.113	0.832	0.02 (-0.20, 0.25)	0.004	0.533	0.011	0.018	0.538	0.01 (-0.02, 0.05)	0.005	0.019	0.779	0.01 (-0.03, 0.04)
Q9H1U4	MEGF9	OID20285	192	0.025	0.017	0.148	0.02 (-0.01, 0.06)	0.466	1.08E-19	-0.001	0.033	0.975	-1.06e-03 (-0.07, 0.06)	0.002	0.364	0.038	0.020	0.053	0.04 (-4.43e-04, 0.08)	0.033	0.023	0.167	0.03 (-0.01, 0.08)
P09417	QDPR	OID20174	192	0.018	0.013	0.149	0.02 (-0.01, 0.04)	0.467	0.022	-0.010	0.024	0.684	-0.01 (-0.06, 0.04)	0.002	0.179	0.022	0.023	0.338	0.02 (-0.02, 0.07)	-0.010	0.024	0.674	-0.01 (-0.06, 0.04)
Q08629	SPOCK1	OID20924	192	-0.022	0.015	0.149	-0.02 (-0.05, 0.01)	0.469	4.29E-09	-0.029	0.029	0.325	-0.03 (-0.09, 0.03)	0.000	0.775	-0.026	0.025	0.311	-0.03 (-0.08, 0.02)	-0.021	0.025	0.395	-0.02 (-0.07, 0.03)
Q96KN2	CNDP1	OID20347	192	0.021	0.014	0.151	0.02 (-0.01, 0.05)	0.469	5.30E-09	0.013	0.028	0.638	0.01 (-0.04, 0.07)	0.000	0.754	0.050	0.020	0.014	0.05 (0.01, 0.09)	0.040	0.022	0.075	0.04 (-3.77e-03, 0.08)
Q8N907	DAND5	OID30420	192	0.017	0.012	0.151	0.02 (-0.01, 0.04)	0.469	0.242	0.018	0.024	0.466	0.02 (-0.03, 0.07)	0.000	0.985	0.012	0.026	0.632	0.01 (-0.04, 0.06)	0.018	0.029	0.533	0.02 (-0.04, 0.07)
Q12805	EFEMP1	OID20414	192	-0.021	0.015	0.150	-0.02 (-0.05, 0.01)	0.469	2.08E-12	-0.081	0.028	0.004	-0.08 (-0.14, -0.03)	0.004	0.012	-0.042	0.023	0.068	-0.04 (-0.09, 3.08e-03)	-0.057	0.023	0.015	-0.06 (-0.10, -0.01)
Q9NWU2	GID8	OID31041	192	0.017	0.012	0.150	0.02 (-0.01, 0.04)	0.469	0.506	-0.001	0.023	0.978	-6.27e-04 (-0.05, 0.04)	0.001	0.370	0.030	0.023	0.180	0.03 (-0.01, 0.07)	0.015	0.022	0.500	0.01 (-0.03, 0.06)
Q9UKR3	KLK13	OID21291	192	0.020	0.014	0.151	0.02 (-0.01, 0.05)	0.469	7.82E-09	0.033	0.028	0.230	0.03 (-0.02, 0.09)	-0.001	0.589	0.049	0.021	0.022	0.05 (0.01, 0.09)	0.034	0.023	0.148	0.03 (-0.01, 0.08)
O60259	KLK8	OID21517	192	-0.015	0.011	0.151	-0.02 (-0.04, 0.01)	0.469	0.132	-0.049	0.022	0.026	-0.05 (-0.09, -0.01)	0.002	0.074	-0.039	0.021	0.063	-0.04 (-0.08, 2.11e-03)	-0.039	0.022	0.079	-0.04 (-0.08, 4.26e-03)
P78380	OLR1	OID20183	192	0.019	0.013	0.150	0.02 (-0.01, 0.04)	0.469	0.011	0.010	0.025	0.705	0.01 (-0.04, 0.06)	0.001	0.673	0.029	0.019	0.129	0.03 (-0.01, 0.07)	0.028	0.025	0.265	0.03 (-0.02, 0.08)
A6NDB9	PALM3	OID30182	192	0.020	0.014	0.151	0.02 (-0.01, 0.05)	0.469	4.21E-04	0.029	0.028	0.300	0.03 (-0.03, 0.08)	-0.001	0.727	-0.011	0.023	0.651	-0.01 (-0.06, 0.04)	-0.004	0.025	0.860	-4.33e-03 (-0.05, 0.04)
Q9BT73	PSMG3	OID20549	192	0.016	0.011	0.151	0.02 (-0.01, 0.04)	0.469	0.097	0.012	0.023	0.600	0.01 (-0.03, 0.06)	0.000	0.844	0.012	0.023	0.598	0.01 (-0.03, 0.06)	0.009	0.022	0.680	0.01 (-0.03, 0.05)
P49908	SELENOP	OID30745	192	0.019	0.013	0.151	0.02 (-0.01, 0.04)	0.469	0.011	0.032	0.026	0.206	0.03 (-0.02, 0.08)	-0.001	0.538	0.038	0.024	0.111	0.04 (-0.01, 0.09)	0.034	0.024	0.160	0.03 (-0.01, 0.08)
P38935	IGHMBP2	OID30123	192	0.017	0.012	0.151	0.02 (-0.01, 0.04)	0.470	0.111	0.018	0.025	0.461	0.02 (-0.03, 0.07)	0.000	0.961	0.003	0.026	0.923	2.51e-03 (-0.05, 0.05)	-0.003	0.026	0.919	-2.65e-03 (-0.05, 0.05)
O43186	CRX	OID20070	192	0.017	0.012	0.152	0.02 (-0.01, 0.04)	0.471	0.314	0.014	0.024	0.547	0.01 (-0.03, 0.06)	0.000	0.891	-0.016	0.022	0.481	-0.02 (-0.06, 0.03)	-0.004	0.026	0.877	-4.04e-03 (-0.06, 0.05)
O43464	HTRA2	OID21471	192	-0.019	0.013	0.152	-0.02 (-0.04, 0.01)	0.471	0.009	-0.003	0.025	0.896	-3.35e-03 (-0.05, 0.05)	-0.001	0.480	-0.010	0.023	0.655	-0.01 (-0.05, 0.03)	-0.020	0.022	0.377	-0.02 (-0.06, 0.02)
Q9NYJ8	TAB2	OID31319	192	-0.018	0.013	0.152	-0.02 (-0.04, 0.01)	0.471	0.020	-0.007	0.025	0.775	-0.01 (-0.06, 0.04)	-0.001	0.599	-0.019	0.023	0.408	-0.02 (-0.07, 0.03)	-0.033	0.023	0.154	-0.03 (-0.08, 0.01)
Q13867	BLMH	OID20336	192	-0.018	0.012	0.153	-0.02 (-0.04, 0.01)	0.471	0.001	-0.031	0.024	0.198	-0.03 (-0.08, 0.02)	0.001	0.518	-0.007	0.021	0.727	-0.01 (-0.05, 0.03)	-0.021	0.022	0.347	-0.02 (-0.06, 0.02)
P54760	EPHB4	OID20242	192	-0.032	0.022	0.153	-0.03 (-0.07, 0.01)	0.471	4.49E-64	-0.058	0.043	0.179	-0.06 (-0.14, 0.03)	0.002	0.476	-0.039	0.023	0.093	-0.04 (-0.08, 0.01)	-0.034	0.021	0.106	-0.03 (-0.07, 0.01)
P22894	MMP8	OID21019	192	0.018	0.013	0.153	0.02 (-0.01, 0.04)	0.471	0.004	0.010	0.024	0.690	0.01 (-0.04, 0.06)	0.001	0.695	0.039	0.021	0.059	0.04 (-1.52e-03, 0.08)	0.031	0.022	0.167	0.03 (-0.01, 0.07)
P25786	PSMA1	OID21221	192	-0.019	0.013	0.153	-0.02 (-0.05, 0.01)	0.471	0.021	0.010	0.026	0.709	0.01 (-0.04, 0.06)	-0.002	0.195	0.003	0.024	0.917	2.53e-03 (-0.05, 0.05)	-0.006	0.025	0.804	-0.01 (-0.05, 0.04)
P62834	RAP1A	OID30452	192	-0.017	0.012	0.154	-0.02 (-0.04, 0.01)	0.473	0.148	-0.009	0.025	0.709	-0.01 (-0.06, 0.04)	-0.001	0.706	-0.020	0.021	0.335	-0.02 (-0.06, 0.02)	-0.021	0.023	0.363	-0.02 (-0.07, 0.02)
P13693	TPT1	OID20476	192	-0.017	0.012	0.154	-0.02 (-0.04, 0.01)	0.473	0.342	-0.019	0.024	0.439	-0.02 (-0.07, 0.03)	0.000	0.949	-0.040	0.022	0.073	-0.04 (-0.08, 3.72e-03)	-0.028	0.024	0.252	-0.03 (-0.08, 0.02)
Q9NPD7	NRN1	OID30983	192	0.017	0.012	0.155	0.02 (-0.01, 0.04)	0.474	0.842	0.008	0.023	0.720	0.01 (-0.04, 0.05)	0.001	0.662	0.032	0.022	0.158	0.03 (-0.01, 0.08)	0.029	0.026	0.259	0.03 (-0.02, 0.08)
Q8NET8	TRPV3	OID30128	192	-0.017	0.012	0.155	-0.02 (-0.04, 0.01)	0.474	0.201	-0.033	0.025	0.178	-0.03 (-0.08, 0.01)	0.001	0.450	-0.038	0.024	0.110	-0.04 (-0.08, 0.01)	-0.049	0.024	0.040	-0.05 (-0.09, -2.52e-03)
P01730	CD4	OID20584	192	0.022	0.016	0.155	0.02 (-0.01, 0.05)	0.474	3.25E-13	-0.002	0.030	0.955	-1.72e-03 (-0.06, 0.06)	0.002	0.358	0.001	0.019	0.947	1.27e-03 (-0.04, 0.04)	-0.008	0.023	0.721	-0.01 (-0.05, 0.04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q8TF65	GIPC2	OID31153	192	0.017	0.012	0.155	0.02 (-0.01, 0.04)	0.474	0.018	-0.010	0.024	0.679	-0.01 (-0.06, 0.04)	0.002	0.181	-0.012	0.020	0.556	-0.01 (-0.05, 0.03)	0.004	0.022	0.842	4.43e-03 (-0.04, 0.05)
P11464	PSG1	OID20916	192	0.016	0.012	0.155	0.02 (-0.01, 0.04)	0.474	4.90E-06	0.035	0.022	0.120	0.03 (-0.01, 0.08)	-0.001	0.336	0.010	0.020	0.623	0.01 (-0.03, 0.05)	0.021	0.019	0.283	0.02 (-0.02, 0.06)
Q9UMX5	NENF	OID31354	192	0.021	0.015	0.156	0.02 (-0.01, 0.05)	0.475	1.72E-05	0.024	0.028	0.389	0.02 (-0.03, 0.08)	0.000	0.878	-0.006	0.023	0.785	-0.01 (-0.05, 0.04)	0.000	0.025	0.991	-2.89e-04 (-0.05, 0.05)
P21860	ERBB3	OID20705	192	0.020	0.014	0.157	0.02 (-0.01, 0.05)	0.478	8.27E-08	0.035	0.027	0.200	0.03 (-0.02, 0.09)	-0.001	0.517	0.048	0.021	0.022	0.05 (0.01, 0.09)	0.034	0.023	0.135	0.03 (-0.01, 0.08)
O95971	CD160	OID20647	192	0.023	0.016	0.157	0.02 (-0.01, 0.05)	0.478	5.74E-17	0.006	0.032	0.845	0.01 (-0.06, 0.07)	0.001	0.534	0.021	0.018	0.237	0.02 (-0.01, 0.06)	0.005	0.024	0.840	4.83e-03 (-0.04, 0.05)
P05113	IL5	OID20472	192	-0.017	0.012	0.157	-0.02 (-0.04, 0.01)	0.478	0.221	-0.026	0.024	0.285	-0.03 (-0.07, 0.02)	0.001	0.667	-0.047	0.024	0.047	-0.05 (-0.09, -5.86e-04)	-0.042	0.024	0.079	-0.04 (-0.09, 4.58e-03)
Q9Y4C8	RBM19	OID30090	192	0.017	0.012	0.157	0.02 (-0.01, 0.04)	0.478	0.843	-0.017	0.023	0.476	-0.02 (-0.06, 0.03)	0.002	0.093	0.002	0.020	0.933	1.65e-03 (-0.04, 0.04)	-0.018	0.024	0.455	-0.02 (-0.06, 0.03)
P78325	ADAM8	OID21039	192	0.019	0.013	0.159	0.02 (-0.01, 0.04)	0.481	3.58E-04	-0.022	0.026	0.395	-0.02 (-0.07, 0.03)	0.003	0.068	0.024	0.023	0.289	0.02 (-0.02, 0.07)	0.018	0.023	0.431	0.02 (-0.03, 0.06)
Q8NC42	RNF149	OID30235	192	0.016	0.012	0.159	0.02 (-0.01, 0.04)	0.481	0.100	-0.012	0.024	0.607	-0.01 (-0.06, 0.03)	0.002	0.163	-0.001	0.021	0.970	-8.17e-04 (-0.04, 0.04)	0.001	0.022	0.971	8.26e-04 (-0.04, 0.04)
P0DML2	CSH1	OID30667	192	0.017	0.012	0.160	0.02 (-0.01, 0.04)	0.484	0.405	0.048	0.023	0.039	0.05 (2.77e-03, 0.09)	-0.002	0.114	0.047	0.019	0.014	0.05 (0.01, 0.08)	0.068	0.024	0.004	0.07 (0.02, 0.11)
P26718	KLRK1	OID31082	192	0.020	0.014	0.160	0.02 (-0.01, 0.05)	0.484	4.73E-08	-0.026	0.027	0.343	-0.03 (-0.08, 0.03)	0.003	0.051	-0.001	0.018	0.947	-1.23e-03 (-0.04, 0.03)	0.003	0.021	0.890	2.95e-03 (-0.04, 0.04)
Q13421	MSLN	OID21380	192	0.019	0.014	0.160	0.02 (-0.01, 0.05)	0.484	7.91E-09	0.019	0.027	0.474	0.02 (-0.03, 0.07)	0.000	0.995	0.033	0.022	0.129	0.03 (-0.01, 0.08)	0.015	0.022	0.499	0.02 (-0.03, 0.06)
P04085	PDGFA	OID20313	192	-0.022	0.016	0.161	-0.02 (-0.05, 0.01)	0.485	7.54E-13	-0.027	0.031	0.390	-0.03 (-0.09, 0.03)	0.000	0.870	-0.001	0.023	0.955	-1.29e-03 (-0.05, 0.04)	-0.007	0.024	0.759	-0.01 (-0.05, 0.04)
P16422	EPCAM	OID20743	192	-0.023	0.016	0.161	-0.02 (-0.05, 0.01)	0.485	2.14E-16	0.000	0.032	0.996	1.58e-04 (-0.06, 0.06)	-0.001	0.396	0.004	0.021	0.860	3.66e-03 (-0.04, 0.04)	-0.003	0.024	0.888	-3.42e-03 (-0.05, 0.04)
Q9UDT6	CLIP2	OID20559	192	-0.018	0.013	0.162	-0.02 (-0.04, 0.01)	0.489	0.029	-0.021	0.025	0.406	-0.02 (-0.07, 0.03)	0.000	0.896	-0.015	0.024	0.522	-0.02 (-0.06, 0.03)	-0.026	0.023	0.256	-0.03 (-0.07, 0.02)
P26378	ELAVL4	OID30854	192	0.017	0.012	0.163	0.02 (-0.01, 0.04)	0.490	0.091	0.011	0.025	0.655	0.01 (-0.04, 0.06)	0.000	0.793	0.023	0.025	0.364	0.02 (-0.03, 0.07)	0.023	0.025	0.359	0.02 (-0.03, 0.07)
P58499	FAM3B	OID21372	192	0.018	0.013	0.163	0.02 (-0.01, 0.04)	0.490	1.50E-05	0.021	0.025	0.418	0.02 (-0.03, 0.07)	0.000	0.913	0.021	0.023	0.368	0.02 (-0.02, 0.07)	0.019	0.022	0.380	0.02 (-0.02, 0.06)
Q8WWU5	TCP11	OID31267	192	0.017	0.012	0.163	0.02 (-0.01, 0.04)	0.490	0.297	0.053	0.024	0.027	0.05 (0.01, 0.10)	-0.002	0.076	0.000	0.021	0.997	7.10e-05 (-0.04, 0.04)	0.011	0.023	0.653	0.01 (-0.04, 0.06)
O60237	PPP1R12B	OID31304	192	0.017	0.012	0.164	0.02 (-0.01, 0.04)	0.491	0.463	0.008	0.023	0.739	0.01 (-0.04, 0.05)	0.001	0.656	-0.008	0.023	0.721	-0.01 (-0.05, 0.04)	-0.006	0.023	0.781	-0.01 (-0.05, 0.04)
Q4KMG0	CDON	OID20754	192	0.020	0.015	0.165	0.02 (-0.01, 0.05)	0.492	9.01E-08	0.011	0.028	0.692	0.01 (-0.04, 0.07)	0.001	0.709	-0.002	0.022	0.933	-1.88e-03 (-0.05, 0.04)	0.005	0.024	0.841	4.92e-03 (-0.04, 0.05)
P16410	CTLA4	OID30363	192	0.017	0.012	0.164	0.02 (-0.01, 0.04)	0.492	0.888	0.020	0.023	0.384	0.02 (-0.03, 0.07)	0.000	0.858	0.016	0.025	0.526	0.02 (-0.03, 0.06)	0.010	0.022	0.650	0.01 (-0.03, 0.05)
P28799	GRN	OID21159	192	0.025	0.018	0.164	0.03 (-0.01, 0.06)	0.492	2.82E-37	0.019	0.035	0.592	0.02 (-0.05, 0.09)	0.000	0.837	0.005	0.021	0.805	0.01 (-0.04, 0.05)	0.011	0.022	0.597	0.01 (-0.03, 0.05)
P54315	PNLIPRP1	OID31122	192	0.059	0.042	0.164	0.06 (-0.02, 0.14)	0.492	0.00E+00	0.121	0.083	0.144	0.12 (-0.04, 0.28)	-0.004	0.381	0.054	0.023	0.019	0.05 (0.01, 0.10)	0.050	0.025	0.048	0.05 (7.49e-04, 0.10)
P04141	CSF2	OID30072	192	0.019	0.014	0.165	0.02 (-0.01, 0.05)	0.492	0.002	-0.005	0.026	0.861	-4.62e-03 (-0.06, 0.05)	0.001	0.299	-0.013	0.021	0.539	-0.01 (-0.05, 0.03)	-0.017	0.024	0.470	-0.02 (-0.06, 0.03)
P22307	SCP2	OID21161	192	0.017	0.012	0.165	0.02 (-0.01, 0.04)	0.493	0.633	0.016	0.023	0.498	0.02 (-0.03, 0.06)	0.000	0.965	-0.006	0.023	0.791	-0.01 (-0.05, 0.04)	0.006	0.026	0.815	0.01 (-0.05, 0.06)
P48775	TDO2	OID30910	192	0.018	0.013	0.165	0.02 (-0.01, 0.04)	0.493	0.023	0.001	0.026	0.976	7.60e-04 (-0.05, 0.05)	0.001	0.424	0.012	0.025	0.621	0.01 (-0.04, 0.06)	0.017	0.027	0.516	0.02 (-0.03, 0.07)
Q6DN72	FCRL6	OID20529	192	0.020	0.015	0.166	0.02 (-0.01, 0.05)	0.493	1.01E-17	0.019	0.028	0.502	0.02 (-0.04, 0.07)	0.000	0.959	0.011	0.019	0.555	0.01 (-0.03, 0.05)	0.020	0.020	0.326	0.02 (-0.02, 0.06)
P13236	CCL4	OID20695	192	0.019	0.014	0.166	0.02 (-0.01, 0.05)	0.494	1.83E-07	-0.003	0.026	0.901	-3.30e-03 (-0.06, 0.05)	0.001	0.327	-0.003	0.021	0.871	-3.45e-03 (-0.05, 0.04)	0.006	0.023	0.801	0.01 (-0.04, 0.05)
O75312	ZPR1	OID30801	192	0.017	0.012	0.168	0.02 (-0.01, 0.04)	0.500	0.852	0.023	0.023	0.326	0.02 (-0.02, 0.07)	0.000	0.750	0.026	0.024	0.270	0.03 (-0.02, 0.07)	0.031	0.023	0.175	0.03 (-0.01, 0.08)
P02776	PF4	OID30764	192	-0.022	0.016	0.169	-0.02 (-0.05, 0.01)	0.502	1.56E-11	-0.029	0.031	0.353	-0.03 (-0.09, 0.03)	0.000	0.794	-0.015	0.024	0.541	-0.01 (-0.06, 0.03)	-0.016	0.023	0.501	-0.02 (-0.06, 0.03)
Q96KG7	MEGF10	OID20746	192	-0.019	0.014	0.170	-0.02 (-0.05, 0.01)	0.504	4.61E-11	-0.042	0.027	0.122	-0.04 (-0.10, 0.01)	0.001	0.324	-0.046	0.022	0.036	-0.05 (-0.09, -3.13e-03)	-0.052	0.021	0.016	-0.05 (-0.09, -0.01)
P29475	NOS1	OID20863	192	0.015	0.011	0.171	0.02 (-0.01, 0.04)	0.506	0.052	-0.001	0.024	0.966	-1.01e-03 (-0.05, 0.05)	0.001	0.418	-0.016	0.021	0.443	-0.02 (-0.06, 0.03)	-0.006	0.025	0.804	-0.01 (-0.06, 0.04)
Q14149	MORC3	OID31073	192	0.016	0.012	0.171	0.02 (-0.01, 0.04)	0.506	0.204	-0.004	0.024	0.856	-4.37e-03 (-0.05, 0.04)	0.001	0.316	-0.002	0.024	0.933	-2.00e-03 (-0.05, 0.04)	0.006	0.025	0.801	0.01 (-0.04, 0.06)
Q7Z6M1	RABEPK	OID21163	192	0.018	0.013	0.171	0.02 (-0.01, 0.04)	0.506	0.048	0.029	0.025	0.249	0.03 (-0.02, 0.08)	-0.001	0.598	0.004	0.024	0.851	4.49e-03 (-0.04, 0.05)	0.007	0.026	0.792	0.01 (-0.04, 0.06)
P33764	S100A3	OID31352	192	0.016	0.012	0.171	0.02 (-0.01, 0.04)	0.506	0.136	-0.004	0.024	0.863	-4.20e-03 (-0.05, 0.04)	0.001	0.327	0.009	0.024	0.703	0.01 (-0.04, 0.06)	0.003	0.022	0.903	2.71e-03 (-0.04, 0.05)
Q14258	TRIM25	OID31482	192	-0.016	0.012	0.172	-0.02 (-0.04, 0.01)	0.507	0.080	-0.016	0.024	0.507	-0.02 (-0.06, 0.03)	0.000	0.993	-0.021	0.024	0.396	-0.02 (-0.07, 0.03)	-0.023	0.024	0.345	-0.02 (-0.07, 0.02)
P33121	ACSL1	OID30080	192	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.512	0.631	0.013	0.023	0.591	0.01 (-0.03, 0.06)	0.000	0.848	0.022	0.023	0.351	0.02 (-0.02, 0.07)	0.018	0.024	0.460	0.02 (-0.03, 0.06)
O60828	PQBP1	OID21172	192	0.016	0.012	0.174	0.02 (-0.01, 0.04)	0.512	0.125	0.027	0.025	0.283	0.03 (-0.02, 0.07)	-0.001	0.629	0.033	0.024	0.174	0.03 (-0.01, 0.08)	0.034	0.024	0.157	0.03 (-0.01, 0.08)
P48052	CPA2	OID21060	192	0.030	0.022	0.175	0.03 (-0.01, 0.07)	0.514	7.46E-66	0.066	0.043	0.127	0.07 (-0.02, 0.15)	-0.002	0.333	0.058	0.020	0.005	0.06 (0.02, 0.10)	0.057	0.020	0.005	0.06 (0.02, 0.10)
P49862	KLK7	OID30652	192	-0.018	0.013	0.176	-0.02 (-0.04, 0.01)	0.516	4.45E-04	-0.033	0.025	0.192	-0.03 (-0.08, 0.02)	0.001	0.477	-0.025	0.022	0.246	-0.03 (-0.07, 0.02)	-0.035	0.023	0.127	-0.03 (-0.08, 0.01)
Q04695	KRT17	OID30092	192	0.016	0.012	0.176	0.02 (-0.01, 0.04)	0.516	0.845	0.012	0.023	0.623	0.01 (-0.03, 0.06)	0.000	0.810	0.000	0.020	0.981	-4.85e-04 (-0.04, 0.04)	-0.012	0.025	0.627	-0.01 (-0.06, 0.04)
O75563	SKAP2	OID20761	192	-0.019	0.014	0.176	-0.02 (-0.05, 0.01)	0.516	2.23E-04	-0.015	0.027	0.566	-0.02 (-0.07, 0.04)	0.000	0.887	-0.004	0.022	0.865	-3.78e-03 (-0.05, 0.04)	-0.026	0.024	0.290	-0.03 (-0.07, 0.02)
Q9HCY8	S100A14	OID30987	192	-0.019	0.014	0.176	-0.02 (-0.05, 0.01)	0.517	2.71E-05	-0.019	0.027	0.479	-0.02 (-0.07, 0.03)	0.000	0.987	0.002	0.021	0.909	2.43e-03 (-0.04, 0.04)	-0.007	0.023	0.776	-0.01 (-0.05, 0.04)
Q05329	GAD2	OID30449	192	0.016	0.012	0.178	0.02 (-0.01, 0.04)	0.519	0.192	0.059	0.024	0.016	0.06 (0.01, 0.11)	-0.003	0.041	0.041	0.025	0.108	0.04 (-0.01, 0.09)	0.038	0.025	0.132	0.04 (-0.01, 0.09)
P22466	GAL	OID20727	192	-0.020	0.015	0.178	-0.02 (-0.05, 0.01)	0.519	6.30E-13	0.053	0.028	0.065	0.05 (-3.01e-03, 0.11)	-0.005	0.003	0.015	0.019	0.411	0.02 (-0.02, 0.05)	0.031	0.024	0.188	0.03 (-0.02, 0.08)
Q9HCN6	GP6	OID21091	192	-0.018	0.014	0.177	-0.02 (-0.04, 0.01)	0.519	4.73E-04	-0.017	0.026	0.523	-0.02 (-0.07, 0.03)	0.000	0.949	-0.011	0.023	0.625	-0.01 (-0.06, 0.03)	-0.035	0.022	0.120	-0.03 (-0.08, 0.01)
P17980	PSMC3	OID31200	192	-0.016	0.012	0.178	-0.02 (-0.04, 0.01)	0.519	0.550	-0.041	0.024	0.081	-0.04 (-0.09, 4.78e-03)	0.002	0.217	-0.005	0.024	0.847	-4.64e-03 (-0.05, 0.04)	-0.014	0.024	0.552	-0.01 (-0.06, 0.03)
P41222	PTGDS	OID20408	192	0.018	0.013	0.177	0.02 (-0.01, 0.04)	0.519	2.26E-04	-0.012	0.025	0.638	-0.01 (-0.06, 0.04)	0.002	0.174	-0.013	0.021	0.547	-0.01 (-0.05, 0.03)	-0.007	0.023	0.743	-0.01 (-0.05, 0.04)
P35247	SFTPD	OID20214	146	0.018	0.013	0.178	0.02 (-0.01, 0.04)	0.519	1.65E-05	0.037	0.026	0.169	0.04 (-0.02, 0.09)	-0.001	0.413	0.020	0.019	0.304	0.02 (-0.02, 0.06)	0.020	0.022	0.376	0.02 (-0.02, 0.06)
O60701	UGDH	OID30081	192	0.019	0.014	0.178	0.02 (-0.01, 0.05)	0.519	0.002	0.047	0.027	0.085	0.05 (-0.01, 0.10)	-0.002	0.228	0.012	0.026	0.649	0.01 (-0.04, 0.06)	0.005	0.025	0.832	0.01 (-0.04, 0.05)
P59282	TPPP2	OID31274	192	0.016	0.012	0.179	0.02 (-0.01, 0.04)	0.520	0.270	-0.013	0.024	0.583	-0.01 (-0.06, 0.03)	0.002	0.154	-0.010	0.023	0.679	-0.01 (-0.06, 0.04)	-0.009	0.023	0.691	-0.01 (-0.05, 0.04)
Q8N386	LRRC25	OID21333	192	0.023	0.017	0.179	0.02 (-0.01, 0.06)	0.521	1.69E-25	-0.022	0.033	0.503	-0.02 (-0.09, 0.04)	0.003	0.112	-0.005	0.019	0.794	-0.01 (-0.04, 0.03)	0.001	0.022	0.958	1.14e-03 (-0.04, 0.04)
Q8NFT8	DNER	OID20712	192	-0.019	0.014	0.180	-0.02 (-0.05, 0.01)	0.522	2.34E-07	0.030	0.027	0.273	0.03 (-0.02, 0.08)	-0.003	0.037	0.002	0.019	0.896	2.43e-03 (-0.03, 0.04)	0.018	0.025	0.486	0.02 (-0.03, 0.07)
Q99748	NRTN	OID20465	192	-0.016	0.012	0.180	-0.02 (-0.04, 0.01)	0.522	0.547	-0.025	0.023	0.282	-0.03 (-0.07, 0.02)	0.001	0.653	-0.022	0.024	0.366	-0.02 (-0.07, 0.03)	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)
P13591	NCAM1	OID20354	192	-0.017	0.013	0.181	-0.02 (-0.04, 0.01)	0.523	2.73E-04	0.000	0.024	0.986	4.14e-04 (-0.05, 0.05)	-0.001	0.409	-0.010	0.022	0.655	-0.01 (-0.05, 0.03)	-0.017	0.022	0.457	-0.02 (-0.06, 0.03)
Q86UP6	CUZD1	OID30914	192	0.054	0.041	0.182	0.05 (-0.03, 0.13)	0.524	0.00E+00	0.071	0.079	0.369	0.07 (-0.08, 0.22)	-0.001	0.805	0.038	0.023	0.094	0.04 (-0.01, 0.08)	0.040	0.024	0.097	0.04 (-0.01, 0.09)
O14558	HSPB6	OID21408	192	0.019	0.014	0.181	0.02 (-0.01, 0.05)	0.524	2.07E-14	-0.076	0.027	0.005	-0.08 (-0.13, -0.02)	0.006	5.00E-05	-0.034	0.020	0.084	-0.03 (-0.07, 4.57e-03)	-0.028	0.022	0.215	-0.03 (-0.07, 0.02)
O15269	SPTLC1	OID31086	192	0.017	0.013	0.181	0.02 (-0.01, 0.04)	0.524	0.047	0.000	0.025	0.986	-4.43e-04 (-0.05, 0.05)	0.001	0.410	-0.001	0.021	0.954	-1.23e-03 (-0.04, 0.04)	0.005	0.021	0.823	4.80e-03 (-0.04, 0.05)
P48307	TFPI2	OID21512	192	0.019	0.014	0.182	0.02 (-0.01, 0.05)	0.524	8.92E-07	0.019	0.027	0.487	0.02 (-0.03, 0.07)	0.000	0.992	0.026	0.025	0.296	0.03 (-0.02, 0.07)	0.041	0.024	0.085	0.04 (-0.01, 0.09)
P19429	TNNI3	OID20050	192	-0.016	0.012	0.182	-0.02 (-0.04, 0.01)	0.524	0.307	-0.006	0.024	0.809	-0.01 (-0.05, 0.04)	-0.001	0.616	-0.019	0.023	0.409	-0.02 (-0.07, 0.03)	-0.023	0.025	0.356	-0.02 (-0.07, 0.03)
P45452	MMP13	OID20807	192	-0.016	0.012	0.182	-0.02 (-0.04, 0.01)	0.524	0.077	-0.007	0.025	0.784	-0.01 (-0.06, 0.04)	-0.001	0.668	-0.003	0.024	0.918	-2.53e-03 (-0.05, 0.05)	0.002	0.023	0.936	1.86e-03 (-0.04, 0.05)
Q4LE39	ARID4B	OID20803	192	0.016	0.012	0.182	0.02 (-0.01, 0.04)	0.524	0.464	0.046	0.023	0.049	0.05 (4.47e-04, 0.09)	-0.002	0.134	-0.004	0.020	0.850	-3.76e-03 (-0.04, 0.04)	0.011	0.026	0.671	0.01 (-0.04, 0.06)
P20908	COL5A1	OID30587	192	0.021	0.016	0.184	0.02 (-0.01, 0.05)	0.527	6.91E-13	-0.001	0.031	0.981	-7.47e-04 (-0.06, 0.06)	0.001	0.408	0.002	0.024	0.936	1.96e-03 (-0.05, 0.05)	-0.010	0.022	0.650	-0.01 (-0.05, 0.03)
Q96PH6	DEFB118	OID30858	192	-0.016	0.012	0.184	-0.02 (-0.04, 0.01)	0.527	0.827	-0.036	0.023	0.130	-0.04 (-0.08, 0.01)	0.001	0.332	-0.029	0.024	0.233	-0.03 (-0.08, 0.02)	-0.022	0.025	0.373	-0.02 (-0.07, 0.03)
P51161	FABP6	OID20076	192	-0.021	0.015	0.183	-0.02 (-0.05, 0.01)	0.527	8.07E-10	-0.015	0.030	0.620	-0.01 (-0.07, 0.04)	0.000	0.826	-0.051	0.020	0.013	-0.05 (-0.09, -0.01)	-0.034	0.027	0.208	-0.03 (-0.09, 0.02)
Q13105	ZBTB17	OID20082	192	0.018	0.013	0.184	0.02 (-0.01, 0.04)	0.527	0.005	-0.012	0.026	0.649	-0.01 (-0.06, 0.04)	0.002	0.184	0.010	0.024	0.676	0.01 (-0.04, 0.06)	0.018	0.023	0.440	0.02 (-0.03, 0.06)
P04080	CSTB	OID20294	192	0.016	0.012	0.184	0.02 (-0.01, 0.04)	0.528	2.16E-04	-0.027	0.023	0.230	-0.03 (-0.07, 0.02)	0.003	0.028	0.006	0.021	0.770	0.01 (-0.03, 0.05)	0.010	0.021	0.614	0.01 (-0.03, 0.05)
P14151	SELL	OID30752	192	-0.017	0.013	0.185	-0.02 (-0.04, 0.01)	0.529	8.96E-06	-0.020	0.026	0.429	-0.02 (-0.07, 0.03)	0.000	0.899	-0.035	0.021	0.098	-0.04 (-0.08, 0.01)	-0.028	0.021	0.197	-0.03 (-0.07, 0.01)
P23634	ATP2B4	OID30062	192	0.018	0.014	0.185	0.02 (-0.01, 0.04)	0.530	0.009	0.033	0.026	0.219	0.03 (-0.02, 0.08)	-0.001	0.521	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)	-0.005	0.026	0.861	-4.61e-03 (-0.06, 0.05)
O14944	EREG	OID20905	192	-0.019	0.014	0.186	-0.02 (-0.05, 0.01)	0.530	3.46E-05	-0.055	0.028	0.047	-0.06 (-0.11, -1.16e-03)	0.002	0.126	-0.031	0.026	0.235	-0.03 (-0.08, 0.02)	-0.039	0.023	0.095	-0.04 (-0.08, 0.01)
O00292	LEFTY2	OID21454	192	-0.018	0.014	0.186	-0.02 (-0.05, 0.01)	0.530	2.46E-19	0.006	0.027	0.823	0.01 (-0.05, 0.06)	-0.002	0.289	0.007	0.018	0.704	0.01 (-0.03, 0.04)	-0.005	0.020	0.811	-4.77e-03 (-0.04, 0.03)
O14798	TNFRSF10C	OID20265	192	0.014	0.011	0.186	0.01 (-0.01, 0.04)	0.530	2.87E-04	-0.012	0.021	0.580	-0.01 (-0.05, 0.03)	0.002	0.149	0.019	0.019	0.324	0.02 (-0.02, 0.06)	0.015	0.020	0.444	0.02 (-0.02, 0.05)
Q9HC57	WFDC1	OID31366	192	0.019	0.015	0.186	0.02 (-0.01, 0.05)	0.530	2.20E-06	0.001	0.028	0.980	7.00e-04 (-0.05, 0.06)	0.001	0.444	0.012	0.024	0.612	0.01 (-0.04, 0.06)	0.015	0.025	0.560	0.01 (-0.03, 0.06)
Q9NWQ8	PAG1	OID20108	192	0.019	0.015	0.186	0.02 (-0.01, 0.05)	0.530	8.26E-06	-0.023	0.028	0.414	-0.02 (-0.08, 0.03)	0.003	0.081	0.003	0.026	0.919	2.63e-03 (-0.05, 0.05)	-0.012	0.025	0.648	-0.01 (-0.06, 0.04)
P12004	PCNA	OID31161	192	-0.016	0.012	0.187	-0.02 (-0.04, 0.01)	0.531	0.116	-0.002	0.025	0.951	-1.53e-03 (-0.05, 0.05)	-0.001	0.499	-0.027	0.021	0.207	-0.03 (-0.07, 0.01)	-0.020	0.024	0.406	-0.02 (-0.07, 0.03)
Q9BUD6	SPON2	OID20221	192	0.021	0.016	0.187	0.02 (-0.01, 0.05)	0.531	4.51E-14	0.003	0.031	0.913	3.42e-03 (-0.06, 0.07)	0.001	0.505	0.004	0.025	0.864	4.36e-03 (-0.05, 0.05)	-0.002	0.023	0.937	-1.84e-03 (-0.05, 0.04)
O95696	BRD1	OID31259	192	0.016	0.012	0.187	0.02 (-0.01, 0.04)	0.531	0.788	0.006	0.023	0.800	0.01 (-0.04, 0.05)	0.001	0.619	0.008	0.025	0.760	0.01 (-0.04, 0.06)	0.027	0.026	0.302	0.03 (-0.02, 0.08)
P98073	TMPRSS15	OID21364	192	0.026	0.020	0.188	0.03 (-0.01, 0.06)	0.533	1.67E-36	0.004	0.038	0.909	4.35e-03 (-0.07, 0.08)	0.001	0.511	0.054	0.024	0.026	0.05 (0.01, 0.10)	0.039	0.023	0.100	0.04 (-0.01, 0.08)
Q9NPH6	OBP2B	OID20980	192	-0.023	0.018	0.189	-0.02 (-0.06, 0.01)	0.533	2.73E-84	0.032	0.034	0.344	0.03 (-0.03, 0.10)	-0.003	0.058	0.016	0.014	0.273	0.02 (-0.01, 0.04)	0.039	0.018	0.031	0.04 (3.73e-03, 0.07)
P78524	DENND2B	OID30050	192	0.016	0.012	0.189	0.02 (-0.01, 0.04)	0.533	0.415	0.023	0.024	0.327	0.02 (-0.02, 0.07)	0.000	0.716	0.023	0.025	0.368	0.02 (-0.03, 0.07)	0.013	0.024	0.589	0.01 (-0.03, 0.06)
Q13361	MFAP5	OID20239	192	0.021	0.016	0.190	0.02 (-0.01, 0.05)	0.536	1.06E-14	-0.044	0.031	0.152	-0.04 (-0.10, 0.02)	0.004	0.014	0.012	0.024	0.613	0.01 (-0.03, 0.06)	0.011	0.022	0.623	0.01 (-0.03, 0.05)
P43007	SLC1A4	OID30926	192	0.016	0.012	0.190	0.02 (-0.01, 0.04)	0.536	0.288	0.016	0.024	0.504	0.02 (-0.03, 0.06)	0.000	0.988	0.013	0.021	0.536	0.01 (-0.03, 0.05)	0.010	0.023	0.679	0.01 (-0.04, 0.06)
O15164	TRIM24	OID31271	192	0.015	0.012	0.190	0.02 (-0.01, 0.04)	0.536	0.101	-0.006	0.024	0.818	-0.01 (-0.05, 0.04)	0.001	0.313	0.009	0.024	0.707	0.01 (-0.04, 0.06)	0.009	0.024	0.712	0.01 (-0.04, 0.06)
Q7Z4H3	HDDC2	OID31447	192	-0.013	0.010	0.191	-0.01 (-0.03, 0.01)	0.539	0.215	-0.003	0.021	0.904	-2.51e-03 (-0.04, 0.04)	-0.001	0.538	-0.022	0.020	0.273	-0.02 (-0.06, 0.02)	-0.022	0.021	0.300	-0.02 (-0.06, 0.02)
O75830	SERPINI2	OID31504	192	0.068	0.052	0.191	0.07 (-0.03, 0.17)	0.539	0.00E+00	0.122	0.101	0.229	0.12 (-0.08, 0.32)	-0.003	0.534	0.017	0.021	0.432	0.02 (-0.02, 0.06)	0.025	0.020	0.226	0.02 (-0.02, 0.06)
Q14160	SCRIB	OID30225	192	0.018	0.014	0.192	0.02 (-0.01, 0.05)	0.539	0.001	0.009	0.027	0.725	0.01 (-0.04, 0.06)	0.001	0.709	0.002	0.025	0.922	2.46e-03 (-0.05, 0.05)	-0.008	0.024	0.742	-0.01 (-0.06, 0.04)
Q16619	CTF1	OID20061	192	-0.016	0.012	0.193	-0.02 (-0.04, 0.01)	0.541	0.053	-0.037	0.025	0.146	-0.04 (-0.09, 0.01)	0.001	0.328	-0.022	0.025	0.376	-0.02 (-0.07, 0.03)	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)
Q99700	ATXN2	OID30850	192	-0.016	0.012	0.193	-0.02 (-0.04, 0.01)	0.541	0.104	-0.019	0.025	0.453	-0.02 (-0.07, 0.03)	0.000	0.887	-0.008	0.024	0.750	-0.01 (-0.05, 0.04)	-0.016	0.023	0.500	-0.02 (-0.06, 0.03)
O60880	SH2D1A	OID20514	192	0.017	0.013	0.193	0.02 (-0.01, 0.04)	0.541	0.032	0.027	0.025	0.288	0.03 (-0.02, 0.08)	-0.001	0.645	-0.007	0.024	0.782	-0.01 (-0.05, 0.04)	-0.014	0.025	0.584	-0.01 (-0.06, 0.03)
P14415	ATP1B2	OID30118	192	0.016	0.012	0.194	0.02 (-0.01, 0.04)	0.541	0.166	0.007	0.025	0.763	0.01 (-0.04, 0.06)	0.001	0.695	-0.018	0.022	0.419	-0.02 (-0.06, 0.03)	-0.019	0.024	0.428	-0.02 (-0.07, 0.03)
P10767	FGF6	OID30443	192	-0.016	0.012	0.193	-0.02 (-0.04, 0.01)	0.541	0.089	-0.010	0.025	0.683	-0.01 (-0.06, 0.04)	0.000	0.800	0.004	0.024	0.881	3.55e-03 (-0.04, 0.05)	0.000	0.023	0.997	-8.37e-05 (-0.05, 0.05)
P43220	GLP1R	OID30809	192	-0.017	0.013	0.194	-0.02 (-0.04, 0.01)	0.543	0.043	-0.007	0.026	0.796	-0.01 (-0.06, 0.04)	-0.001	0.633	0.016	0.023	0.486	0.02 (-0.03, 0.06)	0.013	0.025	0.596	0.01 (-0.04, 0.06)
P15121	AKR1B1	OID21244	192	-0.017	0.013	0.195	-0.02 (-0.04, 0.01)	0.544	0.008	-0.014	0.026	0.603	-0.01 (-0.06, 0.04)	0.000	0.865	-0.015	0.025	0.566	-0.01 (-0.06, 0.04)	-0.023	0.025	0.353	-0.02 (-0.07, 0.03)
Q8NEU8	APPL2	OID30590	192	-0.017	0.013	0.195	-0.02 (-0.04, 0.01)	0.544	0.006	-0.009	0.026	0.733	-0.01 (-0.06, 0.04)	-0.001	0.705	-0.001	0.023	0.964	-1.06e-03 (-0.05, 0.04)	-0.018	0.022	0.407	-0.02 (-0.06, 0.02)
O94907	DKK1	OID21066	192	-0.022	0.017	0.195	-0.02 (-0.06, 0.01)	0.544	4.00E-19	-0.041	0.033	0.224	-0.04 (-0.11, 0.02)	0.001	0.519	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)	-0.016	0.025	0.530	-0.02 (-0.07, 0.03)
Q15398	DLGAP5	OID30976	192	0.015	0.012	0.195	0.02 (-0.01, 0.04)	0.544	0.466	0.019	0.023	0.417	0.02 (-0.03, 0.06)	0.000	0.862	0.016	0.022	0.480	0.02 (-0.03, 0.06)	0.019	0.025	0.453	0.02 (-0.03, 0.07)
P25685	DNAJB1	OID21363	192	0.017	0.013	0.195	0.02 (-0.01, 0.04)	0.544	0.001	0.002	0.026	0.925	2.45e-03 (-0.05, 0.05)	0.001	0.503	0.007	0.025	0.773	0.01 (-0.04, 0.06)	-0.007	0.024	0.787	-0.01 (-0.05, 0.04)
P02743	APCS	OID30778	192	0.017	0.013	0.196	0.02 (-0.01, 0.04)	0.544	6.00E-05	-0.049	0.025	0.050	-0.05 (-0.10, -4.07e-04)	0.004	0.002	-0.005	0.023	0.825	-0.01 (-0.05, 0.04)	-0.005	0.022	0.821	-4.98e-03 (-0.05, 0.04)
P07998	RNASE1	OID30672	192	0.018	0.014	0.196	0.02 (-0.01, 0.04)	0.545	5.87E-06	-0.057	0.026	0.029	-0.06 (-0.11, -0.01)	0.005	0.001	-0.037	0.019	0.048	-0.04 (-0.07, -3.27e-04)	-0.046	0.025	0.065	-0.05 (-0.10, 2.59e-03)
O76038	SCGN	OID20457	192	0.020	0.016	0.197	0.02 (-0.01, 0.05)	0.546	2.36E-10	0.042	0.030	0.171	0.04 (-0.02, 0.10)	-0.001	0.409	0.030	0.025	0.228	0.03 (-0.02, 0.08)	0.018	0.023	0.437	0.02 (-0.03, 0.06)
Q14781	CBX2	OID30177	192	0.016	0.012	0.197	0.02 (-0.01, 0.04)	0.546	0.644	0.014	0.023	0.550	0.01 (-0.03, 0.06)	0.000	0.938	-0.018	0.021	0.412	-0.02 (-0.06, 0.02)	-0.009	0.024	0.711	-0.01 (-0.06, 0.04)
P08254	MMP3	OID21083	192	0.012	0.009	0.198	0.01 (-0.01, 0.03)	0.547	0.030	0.019	0.018	0.279	0.02 (-0.02, 0.05)	0.000	0.623	0.012	0.017	0.480	0.01 (-0.02, 0.05)	0.027	0.015	0.070	0.03 (-2.03e-03, 0.06)
Q96A56	TP53INP1	OID20120	192	-0.016	0.012	0.198	-0.02 (-0.04, 0.01)	0.547	0.960	-0.022	0.023	0.343	-0.02 (-0.07, 0.02)	0.000	0.738	-0.027	0.024	0.254	-0.03 (-0.07, 0.02)	-0.023	0.023	0.321	-0.02 (-0.07, 0.02)
O60939	SCN2B	OID30948	192	0.016	0.012	0.198	0.02 (-0.01, 0.04)	0.547	0.217	0.022	0.024	0.376	0.02 (-0.03, 0.07)	0.000	0.772	0.036	0.023	0.122	0.04 (-0.01, 0.08)	0.023	0.024	0.344	0.02 (-0.02, 0.07)
P06733	ENO1	OID21037	192	-0.017	0.013	0.198	-0.02 (-0.04, 0.01)	0.548	0.003	-0.013	0.026	0.608	-0.01 (-0.06, 0.04)	0.000	0.862	-0.011	0.024	0.662	-0.01 (-0.06, 0.04)	-0.023	0.025	0.361	-0.02 (-0.07, 0.03)
O75493	CA11	OID21195	192	0.015	0.012	0.200	0.02 (-0.01, 0.04)	0.550	0.903	0.006	0.023	0.795	0.01 (-0.04, 0.05)	0.001	0.640	0.017	0.024	0.473	0.02 (-0.03, 0.06)	0.014	0.023	0.540	0.01 (-0.03, 0.06)
Q16698	DECR1	OID20579	192	-0.017	0.013	0.200	-0.02 (-0.04, 0.01)	0.550	0.013	-0.016	0.026	0.538	-0.02 (-0.07, 0.03)	0.000	0.960	-0.008	0.024	0.725	-0.01 (-0.06, 0.04)	-0.028	0.025	0.264	-0.03 (-0.08, 0.02)
P20700	LMNB1	OID31501	192	0.016	0.013	0.200	0.02 (-0.01, 0.04)	0.550	0.050	0.012	0.025	0.621	0.01 (-0.04, 0.06)	0.000	0.847	-0.009	0.021	0.685	-0.01 (-0.05, 0.03)	0.009	0.024	0.718	0.01 (-0.04, 0.06)
O60890	OPHN1	OID31087	192	-0.016	0.013	0.200	-0.02 (-0.04, 0.01)	0.550	0.019	-0.019	0.025	0.445	-0.02 (-0.07, 0.03)	0.000	0.902	-0.013	0.024	0.592	-0.01 (-0.06, 0.03)	-0.014	0.025	0.569	-0.01 (-0.06, 0.03)
P01127	PDGFB	OID20741	192	-0.020	0.016	0.199	-0.02 (-0.05, 0.01)	0.550	1.71E-10	-0.030	0.030	0.325	-0.03 (-0.09, 0.03)	0.001	0.704	-0.015	0.025	0.534	-0.02 (-0.06, 0.03)	-0.024	0.026	0.352	-0.02 (-0.07, 0.03)
Q07108	CD69	OID20206	192	-0.019	0.015	0.201	-0.02 (-0.05, 0.01)	0.551	6.37E-06	-0.002	0.028	0.936	-2.27e-03 (-0.06, 0.05)	-0.001	0.501	-0.009	0.021	0.668	-0.01 (-0.05, 0.03)	-0.020	0.025	0.432	-0.02 (-0.07, 0.03)
O00592	PODXL	OID21358	192	-0.041	0.032	0.201	-0.04 (-0.11, 0.02)	0.551	5.84E-216	-0.046	0.063	0.467	-0.05 (-0.17, 0.08)	0.000	0.935	-0.029	0.020	0.159	-0.03 (-0.07, 0.01)	-0.012	0.022	0.605	-0.01 (-0.06, 0.03)
P60763	RAC3	OID30958	192	0.015	0.012	0.201	0.02 (-0.01, 0.04)	0.551	0.637	0.029	0.023	0.216	0.03 (-0.02, 0.07)	-0.001	0.499	-0.014	0.022	0.526	-0.01 (-0.06, 0.03)	-0.006	0.024	0.793	-0.01 (-0.05, 0.04)
Q12982	BNIP2	OID30292	192	0.016	0.013	0.202	0.02 (-0.01, 0.04)	0.553	0.042	-0.003	0.025	0.917	-2.61e-03 (-0.05, 0.05)	0.001	0.375	0.015	0.025	0.558	0.01 (-0.03, 0.06)	0.023	0.023	0.309	0.02 (-0.02, 0.07)
P28838	LAP3	OID20436	192	0.018	0.014	0.202	0.02 (-0.01, 0.05)	0.553	1.41E-04	0.034	0.027	0.219	0.03 (-0.02, 0.09)	-0.001	0.502	0.027	0.025	0.266	0.03 (-0.02, 0.08)	0.022	0.024	0.373	0.02 (-0.03, 0.07)
P12829	MYL4	OID30245	192	0.015	0.012	0.202	0.01 (-0.01, 0.04)	0.553	0.713	-0.010	0.022	0.671	-0.01 (-0.05, 0.03)	0.002	0.207	0.010	0.019	0.620	0.01 (-0.03, 0.05)	0.012	0.023	0.601	0.01 (-0.03, 0.06)
Q8NI22	MCFD2	OID20171	192	-0.017	0.013	0.203	-0.02 (-0.04, 0.01)	0.555	0.021	-0.016	0.025	0.539	-0.02 (-0.07, 0.03)	0.000	0.963	-0.003	0.021	0.885	-3.09e-03 (-0.04, 0.04)	-0.015	0.024	0.514	-0.02 (-0.06, 0.03)
P05937	CALB1	OID21306	192	-0.017	0.013	0.204	-0.02 (-0.04, 0.01)	0.556	0.003	0.011	0.025	0.680	0.01 (-0.04, 0.06)	-0.002	0.213	-0.016	0.020	0.400	-0.02 (-0.05, 0.02)	-0.008	0.023	0.720	-0.01 (-0.05, 0.04)
P55769	SNU13	OID30052	192	0.015	0.012	0.204	0.02 (-0.01, 0.04)	0.556	0.436	0.006	0.024	0.792	0.01 (-0.04, 0.05)	0.001	0.653	-0.026	0.021	0.215	-0.03 (-0.07, 0.02)	-0.030	0.026	0.260	-0.03 (-0.08, 0.02)
P00995	SPINK1	OID21097	192	0.018	0.014	0.204	0.02 (-0.01, 0.05)	0.556	1.10E-08	0.029	0.028	0.299	0.03 (-0.03, 0.08)	-0.001	0.652	0.007	0.023	0.761	0.01 (-0.04, 0.05)	0.013	0.023	0.573	0.01 (-0.03, 0.06)
Q6UW15	REG3G	OID31408	192	-0.017	0.013	0.205	-0.02 (-0.04, 0.01)	0.556	0.006	-0.023	0.025	0.374	-0.02 (-0.07, 0.03)	0.000	0.782	0.022	0.020	0.263	0.02 (-0.02, 0.06)	0.008	0.025	0.754	0.01 (-0.04, 0.06)
Q9NRV9	HEBP1	OID20063	192	0.015	0.012	0.206	0.02 (-0.01, 0.04)	0.559	0.231	0.034	0.024	0.164	0.03 (-0.01, 0.08)	-0.001	0.371	0.035	0.023	0.124	0.04 (-0.01, 0.08)	0.029	0.024	0.229	0.03 (-0.02, 0.08)
Q15262	PTPRK	OID31461	192	0.020	0.016	0.206	0.02 (-0.01, 0.05)	0.559	4.01E-10	-0.008	0.030	0.800	-0.01 (-0.07, 0.05)	0.002	0.292	0.007	0.024	0.760	0.01 (-0.04, 0.05)	0.016	0.024	0.503	0.02 (-0.03, 0.06)
O15213	WDR46	OID31389	192	0.015	0.012	0.206	0.01 (-0.01, 0.04)	0.559	0.835	-0.005	0.023	0.836	-4.76e-03 (-0.05, 0.04)	0.001	0.316	-0.020	0.020	0.312	-0.02 (-0.06, 0.02)	-0.031	0.025	0.212	-0.03 (-0.08, 0.02)
Q8IV48	ERI1	OID31317	192	0.015	0.012	0.207	0.01 (-0.01, 0.04)	0.560	0.437	0.000	0.023	0.996	-1.17e-04 (-0.05, 0.05)	0.001	0.448	-0.002	0.024	0.928	-2.17e-03 (-0.05, 0.04)	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)
Q5VT99	LRRC38	OID30924	192	0.014	0.011	0.207	0.01 (-0.01, 0.04)	0.560	0.334	-0.007	0.022	0.764	-0.01 (-0.05, 0.04)	0.001	0.274	-0.019	0.020	0.350	-0.02 (-0.06, 0.02)	-0.024	0.024	0.328	-0.02 (-0.07, 0.02)
Q6UWN8	SPINK6	OID21450	192	0.015	0.012	0.207	0.02 (-0.01, 0.04)	0.560	0.012	-0.010	0.024	0.689	-0.01 (-0.06, 0.04)	0.002	0.220	-0.010	0.019	0.599	-0.01 (-0.05, 0.03)	-0.020	0.023	0.376	-0.02 (-0.06, 0.02)
O43290	SART1	OID30113	192	0.015	0.012	0.207	0.02 (-0.01, 0.04)	0.560	0.443	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)	0.002	0.147	-0.009	0.019	0.635	-0.01 (-0.05, 0.03)	-0.019	0.023	0.413	-0.02 (-0.06, 0.03)
P06744	GPI	OID30680	192	0.017	0.014	0.209	0.02 (-0.01, 0.04)	0.562	4.09E-04	-0.009	0.027	0.735	-0.01 (-0.06, 0.04)	0.002	0.250	0.003	0.024	0.891	3.26e-03 (-0.04, 0.05)	-0.008	0.023	0.729	-0.01 (-0.05, 0.04)
O75144	ICOSLG	OID21351	192	-0.017	0.014	0.209	-0.02 (-0.04, 0.01)	0.562	4.30E-05	-0.006	0.026	0.819	-0.01 (-0.06, 0.05)	-0.001	0.626	-0.029	0.021	0.153	-0.03 (-0.07, 0.01)	-0.023	0.021	0.282	-0.02 (-0.06, 0.02)
Q9UBX7	KLK11	OID21518	192	-0.016	0.012	0.209	-0.02 (-0.04, 0.01)	0.562	0.023	-0.026	0.024	0.285	-0.03 (-0.07, 0.02)	0.001	0.620	-0.031	0.021	0.140	-0.03 (-0.07, 0.01)	-0.033	0.022	0.130	-0.03 (-0.08, 0.01)
Q5VX71	SUSD4	OID31398	192	0.016	0.012	0.209	0.02 (-0.01, 0.04)	0.562	0.019	-0.011	0.024	0.636	-0.01 (-0.06, 0.04)	0.002	0.191	0.012	0.019	0.523	0.01 (-0.02, 0.05)	0.000	0.023	0.991	-2.74e-04 (-0.05, 0.04)
Q01826	SATB1	OID31038	192	0.015	0.012	0.209	0.01 (-0.01, 0.04)	0.562	0.287	0.040	0.024	0.092	0.04 (-0.01, 0.09)	-0.002	0.217	0.041	0.020	0.043	0.04 (1.36e-03, 0.08)	0.044	0.023	0.052	0.04 (-1.10e-05, 0.09)
P15848	ARSB	OID21331	192	0.020	0.016	0.209	0.02 (-0.01, 0.05)	0.563	3.34E-14	-0.015	0.031	0.625	-0.02 (-0.08, 0.05)	0.002	0.185	-0.007	0.022	0.766	-0.01 (-0.05, 0.04)	-0.002	0.025	0.930	-2.22e-03 (-0.05, 0.05)
O43155	FLRT2	OID20946	192	0.017	0.014	0.210	0.02 (-0.01, 0.04)	0.563	1.06E-08	-0.023	0.027	0.397	-0.02 (-0.08, 0.03)	0.003	0.081	-0.009	0.019	0.646	-0.01 (-0.05, 0.03)	-0.018	0.021	0.393	-0.02 (-0.06, 0.02)
Q6NW40	RGMB	OID21045	192	-0.018	0.014	0.210	-0.02 (-0.05, 0.01)	0.564	6.08E-07	-0.027	0.028	0.327	-0.03 (-0.08, 0.03)	0.001	0.695	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)	-0.042	0.023	0.067	-0.04 (-0.09, 2.64e-03)
P00742	F10	OID30684	192	0.018	0.014	0.211	0.02 (-0.01, 0.05)	0.565	3.46E-06	-0.011	0.028	0.682	-0.01 (-0.07, 0.04)	0.002	0.219	-0.003	0.023	0.899	-2.89e-03 (-0.05, 0.04)	0.006	0.026	0.809	0.01 (-0.04, 0.06)
P01375	TNF	OID20848	192	0.019	0.016	0.211	0.02 (-0.01, 0.05)	0.566	1.39E-09	-0.006	0.030	0.852	-0.01 (-0.06, 0.05)	0.002	0.332	0.013	0.022	0.568	0.01 (-0.03, 0.06)	0.016	0.027	0.549	0.02 (-0.04, 0.07)
Q9UHL0	DDX25	OID30892	192	-0.017	0.013	0.212	-0.02 (-0.04, 0.01)	0.566	0.026	-0.023	0.026	0.372	-0.02 (-0.07, 0.03)	0.000	0.769	-0.054	0.022	0.014	-0.05 (-0.10, -0.01)	-0.044	0.027	0.100	-0.04 (-0.10, 0.01)
O75409	H2AP	OID31232	192	-0.015	0.012	0.212	-0.02 (-0.04, 0.01)	0.566	0.301	-0.001	0.024	0.960	-1.21e-03 (-0.05, 0.05)	-0.001	0.501	-0.018	0.024	0.473	-0.02 (-0.07, 0.03)	-0.009	0.022	0.690	-0.01 (-0.05, 0.04)
P21854	CD72	OID30641	192	0.020	0.016	0.213	0.02 (-0.01, 0.05)	0.568	9.62E-12	-0.033	0.030	0.273	-0.03 (-0.09, 0.03)	0.003	0.043	0.013	0.024	0.580	0.01 (-0.03, 0.06)	0.012	0.026	0.653	0.01 (-0.04, 0.06)
P25490	YY1	OID30446	192	0.015	0.012	0.213	0.02 (-0.01, 0.04)	0.568	0.344	0.010	0.024	0.677	0.01 (-0.04, 0.06)	0.000	0.805	-0.011	0.022	0.625	-0.01 (-0.05, 0.03)	-0.003	0.026	0.921	-2.54e-03 (-0.05, 0.05)
O14967	CLGN	OID30957	192	0.014	0.012	0.214	0.01 (-0.01, 0.04)	0.569	0.029	-0.027	0.022	0.218	-0.03 (-0.07, 0.02)	0.003	0.029	0.002	0.022	0.931	1.95e-03 (-0.04, 0.05)	-0.005	0.024	0.832	-0.01 (-0.05, 0.04)
Q02747	GUCA2A	OID21101	192	-0.020	0.016	0.213	-0.02 (-0.05, 0.01)	0.569	5.94E-14	-0.007	0.031	0.818	-0.01 (-0.07, 0.05)	-0.001	0.632	-0.037	0.022	0.083	-0.04 (-0.08, 4.82e-03)	-0.024	0.024	0.310	-0.02 (-0.07, 0.02)
P61366	OSTN	OID30909	192	0.015	0.012	0.214	0.01 (-0.01, 0.04)	0.569	0.141	0.014	0.025	0.569	0.01 (-0.03, 0.06)	0.000	0.965	-0.006	0.020	0.756	-0.01 (-0.05, 0.03)	-0.006	0.024	0.808	-0.01 (-0.05, 0.04)
P09455	RBP1	OID30913	192	0.017	0.014	0.214	0.02 (-0.01, 0.04)	0.569	0.004	0.008	0.026	0.771	0.01 (-0.04, 0.06)	0.001	0.685	-0.015	0.020	0.459	-0.01 (-0.05, 0.02)	-0.021	0.024	0.388	-0.02 (-0.07, 0.03)
Q96A25	TMEM106A	OID31411	192	-0.019	0.015	0.214	-0.02 (-0.05, 0.01)	0.569	5.80E-09	-0.019	0.030	0.513	-0.02 (-0.08, 0.04)	0.000	0.985	-0.017	0.023	0.481	-0.02 (-0.06, 0.03)	-0.028	0.023	0.231	-0.03 (-0.07, 0.02)
P23771	GATA3	OID31219	25	0.039	0.031	0.214	0.04 (-0.02, 0.10)	0.569	0.011	0.032	0.046	0.493	0.03 (-0.06, 0.12)	0.001	0.844	0.009	0.030	0.776	0.01 (-0.05, 0.07)	0.006	0.027	0.838	0.01 (-0.05, 0.06)
O95393	BMP10	OID30575	192	-0.017	0.013	0.215	-0.02 (-0.04, 0.01)	0.569	6.13E-07	0.022	0.026	0.391	0.02 (-0.03, 0.07)	-0.002	0.081	0.020	0.020	0.329	0.02 (-0.02, 0.06)	0.021	0.025	0.408	0.02 (-0.03, 0.07)
P09104	ENO2	OID21046	192	-0.019	0.015	0.216	-0.02 (-0.05, 0.01)	0.571	3.87E-09	-0.008	0.029	0.785	-0.01 (-0.07, 0.05)	-0.001	0.671	-0.005	0.021	0.799	-0.01 (-0.05, 0.04)	-0.015	0.022	0.505	-0.01 (-0.06, 0.03)
Q01432	AMPD3	OID31139	192	0.014	0.011	0.217	0.01 (-0.01, 0.04)	0.572	0.900	0.013	0.022	0.554	0.01 (-0.03, 0.06)	0.000	0.959	0.023	0.024	0.349	0.02 (-0.02, 0.07)	0.035	0.023	0.120	0.04 (-0.01, 0.08)
P12081	HARS1	OID21086	100	-0.019	0.016	0.217	-0.02 (-0.05, 0.01)	0.572	0.068	-0.014	0.030	0.650	-0.01 (-0.07, 0.05)	0.000	0.827	-0.015	0.028	0.602	-0.01 (-0.07, 0.04)	-0.019	0.024	0.429	-0.02 (-0.07, 0.03)
Q8TDY8	IGDCC4	OID30402	192	-0.017	0.014	0.217	-0.02 (-0.04, 0.01)	0.572	2.17E-08	0.030	0.027	0.264	0.03 (-0.02, 0.08)	-0.003	0.041	-0.009	0.022	0.703	-0.01 (-0.05, 0.04)	-0.018	0.022	0.398	-0.02 (-0.06, 0.02)
P14778	IL1R1	OID21116	192	0.018	0.015	0.217	0.02 (-0.01, 0.05)	0.572	5.09E-09	0.051	0.029	0.074	0.05 (-4.63e-03, 0.11)	-0.002	0.178	0.038	0.023	0.097	0.04 (-0.01, 0.08)	0.026	0.023	0.254	0.03 (-0.02, 0.07)
Q9NQR4	NIT2	OID30336	192	0.018	0.014	0.217	0.02 (-0.01, 0.05)	0.572	4.75E-06	-0.007	0.028	0.791	-0.01 (-0.06, 0.05)	0.002	0.293	-0.004	0.024	0.861	-4.14e-03 (-0.05, 0.04)	-0.006	0.023	0.802	-0.01 (-0.05, 0.04)
P30041	PRDX6	OID21404	192	-0.016	0.013	0.218	-0.02 (-0.04, 0.01)	0.572	0.003	-0.012	0.026	0.650	-0.01 (-0.06, 0.04)	0.000	0.834	-0.013	0.025	0.587	-0.01 (-0.06, 0.03)	0.001	0.024	0.978	6.72e-04 (-0.05, 0.05)
P15151	PVR	OID21011	192	0.014	0.011	0.216	0.01 (-0.01, 0.04)	0.572	9.41E-05	-0.007	0.022	0.757	-0.01 (-0.05, 0.04)	0.001	0.269	0.012	0.019	0.539	0.01 (-0.03, 0.05)	0.013	0.018	0.467	0.01 (-0.02, 0.05)
Q04837	SSBP1	OID30468	192	0.015	0.012	0.217	0.01 (-0.01, 0.04)	0.572	0.375	-0.006	0.024	0.806	-0.01 (-0.05, 0.04)	0.001	0.309	-0.009	0.019	0.646	-0.01 (-0.05, 0.03)	-0.036	0.023	0.122	-0.04 (-0.08, 0.01)
Q8WWY7	WFDC12	OID21462	192	-0.014	0.012	0.218	-0.01 (-0.04, 0.01)	0.572	4.05E-06	-0.018	0.022	0.430	-0.02 (-0.06, 0.03)	0.000	0.857	-0.017	0.019	0.390	-0.02 (-0.05, 0.02)	-0.015	0.019	0.425	-0.02 (-0.05, 0.02)
O00622	CCN1	OID21368	192	0.017	0.014	0.221	0.02 (-0.01, 0.04)	0.580	1.55E-05	-0.009	0.027	0.752	-0.01 (-0.06, 0.04)	0.002	0.269	0.018	0.024	0.451	0.02 (-0.03, 0.07)	0.021	0.023	0.352	0.02 (-0.02, 0.07)
P04118	CLPS	OID21156	192	-0.020	0.016	0.221	-0.02 (-0.05, 0.01)	0.580	2.74E-23	0.046	0.031	0.138	0.05 (-0.01, 0.11)	-0.004	0.014	-0.007	0.022	0.747	-0.01 (-0.05, 0.04)	0.003	0.020	0.883	2.91e-03 (-0.04, 0.04)
P47972	NPTX2	OID30390	192	-0.014	0.012	0.221	-0.01 (-0.04, 0.01)	0.580	8.29E-06	0.028	0.022	0.206	0.03 (-0.02, 0.07)	-0.003	0.027	0.022	0.016	0.186	0.02 (-0.01, 0.05)	0.031	0.019	0.101	0.03 (-0.01, 0.07)
Q15116	PDCD1	OID21396	192	0.017	0.014	0.221	0.02 (-0.01, 0.04)	0.580	8.69E-05	-0.018	0.026	0.501	-0.02 (-0.07, 0.03)	0.002	0.128	-0.015	0.020	0.455	-0.02 (-0.05, 0.02)	-0.017	0.024	0.473	-0.02 (-0.06, 0.03)
Q16790	CA9	OID21417	192	0.016	0.013	0.222	0.02 (-0.01, 0.04)	0.582	0.002	0.047	0.026	0.070	0.05 (-3.49e-03, 0.10)	-0.002	0.165	0.031	0.024	0.191	0.03 (-0.02, 0.08)	0.026	0.021	0.217	0.03 (-0.02, 0.07)
P80162	CXCL6	OID20613	192	0.017	0.014	0.223	0.02 (-0.01, 0.04)	0.582	2.93E-08	0.004	0.027	0.885	3.95e-03 (-0.05, 0.06)	0.001	0.572	0.014	0.023	0.554	0.01 (-0.03, 0.06)	0.023	0.022	0.300	0.02 (-0.02, 0.07)
Q6NZY4	ZCCHC8	OID30117	192	0.015	0.012	0.224	0.01 (-0.01, 0.04)	0.584	0.344	-0.007	0.024	0.761	-0.01 (-0.05, 0.04)	0.001	0.283	-0.015	0.020	0.442	-0.02 (-0.05, 0.02)	-0.030	0.026	0.259	-0.03 (-0.08, 0.02)
O15354	GPR37	OID20095	192	0.016	0.013	0.224	0.02 (-0.01, 0.04)	0.584	2.89E-08	-0.023	0.024	0.339	-0.02 (-0.07, 0.02)	0.002	0.064	-0.005	0.018	0.793	-4.61e-03 (-0.04, 0.03)	-0.012	0.020	0.559	-0.01 (-0.05, 0.03)
P12034	FGF5	OID20490	153	-0.018	0.015	0.224	-0.02 (-0.05, 0.01)	0.584	1.81E-11	-0.002	0.028	0.956	-1.55e-03 (-0.06, 0.05)	-0.001	0.481	0.010	0.021	0.642	0.01 (-0.03, 0.05)	0.010	0.019	0.581	0.01 (-0.03, 0.05)
Q9Y6U3	SCIN	OID30857	192	0.015	0.012	0.225	0.01 (-0.01, 0.04)	0.585	0.169	0.017	0.025	0.497	0.02 (-0.03, 0.07)	0.000	0.922	0.016	0.024	0.522	0.02 (-0.03, 0.06)	0.020	0.024	0.408	0.02 (-0.03, 0.07)
Q9UGN4	CD300A	OID30576	192	0.017	0.014	0.226	0.02 (-0.01, 0.05)	0.586	4.32E-08	-0.019	0.028	0.492	-0.02 (-0.07, 0.04)	0.002	0.126	-0.021	0.020	0.284	-0.02 (-0.06, 0.02)	-0.009	0.022	0.697	-0.01 (-0.05, 0.03)
P54105	CLNS1A	OID30929	192	-0.014	0.012	0.225	-0.01 (-0.04, 0.01)	0.586	0.594	-0.024	0.023	0.294	-0.02 (-0.07, 0.02)	0.001	0.619	-0.008	0.024	0.746	-0.01 (-0.05, 0.04)	-0.019	0.022	0.390	-0.02 (-0.06, 0.02)
A6NHS7	MANSC4	OID30141	192	-0.076	0.063	0.226	-0.08 (-0.20, 0.05)	0.586	0.00E+00	-0.087	0.122	0.477	-0.09 (-0.33, 0.15)	0.001	0.917	-0.003	0.022	0.881	-3.21e-03 (-0.05, 0.04)	0.001	0.022	0.950	1.35e-03 (-0.04, 0.04)
P52564	MAP2K6	OID20552	192	-0.016	0.013	0.227	-0.02 (-0.04, 0.01)	0.586	0.005	-0.002	0.026	0.935	-2.12e-03 (-0.05, 0.05)	-0.001	0.529	-0.003	0.022	0.873	-3.47e-03 (-0.05, 0.04)	-0.019	0.024	0.418	-0.02 (-0.07, 0.03)
P35542	SAA4	OID30726	192	0.014	0.011	0.226	0.01 (-0.01, 0.04)	0.586	0.076	-0.047	0.023	0.046	-0.05 (-0.09, -1.08e-03)	0.004	0.003	-0.026	0.021	0.212	-0.03 (-0.07, 0.01)	-0.030	0.021	0.162	-0.03 (-0.07, 0.01)
Q14108	SCARB2	OID20943	192	0.015	0.012	0.226	0.01 (-0.01, 0.04)	0.586	0.005	-0.038	0.023	0.110	-0.04 (-0.08, 0.01)	0.003	0.010	-0.016	0.019	0.396	-0.02 (-0.05, 0.02)	-0.019	0.023	0.420	-0.02 (-0.06, 0.03)
Q14160	SCRIB	OID31455	192	0.016	0.013	0.227	0.02 (-0.01, 0.04)	0.586	0.005	0.004	0.026	0.884	3.80e-03 (-0.05, 0.05)	0.001	0.578	0.006	0.025	0.819	0.01 (-0.04, 0.06)	0.000	0.023	1.000	-1.14e-05 (-0.04, 0.04)
Q15582	TGFBI	OID20417	192	0.017	0.014	0.226	0.02 (-0.01, 0.05)	0.586	1.03E-11	0.013	0.028	0.629	0.01 (-0.04, 0.07)	0.000	0.870	0.011	0.022	0.607	0.01 (-0.03, 0.05)	0.002	0.021	0.932	1.80e-03 (-0.04, 0.04)
P15336	ATF2	OID20798	192	-0.015	0.012	0.227	-0.01 (-0.04, 0.01)	0.586	0.847	0.017	0.023	0.478	0.02 (-0.03, 0.06)	-0.002	0.121	-0.013	0.024	0.580	-0.01 (-0.06, 0.03)	0.005	0.023	0.838	4.75e-03 (-0.04, 0.05)
P14543	NID1	OID20362	192	-0.017	0.014	0.228	-0.02 (-0.04, 0.01)	0.588	4.39E-06	-0.030	0.027	0.280	-0.03 (-0.08, 0.02)	0.001	0.590	0.016	0.022	0.457	0.02 (-0.03, 0.06)	0.016	0.024	0.496	0.02 (-0.03, 0.06)
A1E959	ODAM	OID20793	192	-0.016	0.013	0.228	-0.02 (-0.04, 0.01)	0.588	0.015	0.008	0.025	0.758	0.01 (-0.04, 0.06)	-0.001	0.278	0.007	0.022	0.764	0.01 (-0.04, 0.05)	-0.009	0.025	0.715	-0.01 (-0.06, 0.04)
Q9UKX7	NUP50	OID30100	65	0.022	0.018	0.228	0.02 (-0.01, 0.06)	0.588	0.342	0.034	0.031	0.276	0.03 (-0.03, 0.09)	-0.001	0.626	0.020	0.030	0.498	0.02 (-0.04, 0.08)	0.011	0.030	0.710	0.01 (-0.05, 0.07)
P01375	TNF	OID20074	192	0.017	0.014	0.229	0.02 (-0.01, 0.05)	0.588	9.79E-06	0.009	0.028	0.753	0.01 (-0.05, 0.06)	0.001	0.722	0.007	0.024	0.770	0.01 (-0.04, 0.05)	0.006	0.025	0.813	0.01 (-0.04, 0.05)
Q9UHL4	DPP7	OID20142	192	0.019	0.016	0.229	0.02 (-0.01, 0.05)	0.589	7.02E-22	0.020	0.031	0.528	0.02 (-0.04, 0.08)	0.000	0.988	0.037	0.019	0.046	0.04 (7.20e-04, 0.07)	0.037	0.024	0.123	0.04 (-0.01, 0.08)
P50225	SULT1A1	OID21031	192	-0.016	0.013	0.229	-0.02 (-0.04, 0.01)	0.589	0.004	-0.017	0.026	0.512	-0.02 (-0.07, 0.03)	0.000	0.965	-0.018	0.025	0.490	-0.02 (-0.07, 0.03)	-0.023	0.023	0.337	-0.02 (-0.07, 0.02)
P07307	ASGR2	OID30679	192	0.016	0.013	0.230	0.02 (-0.01, 0.04)	0.589	3.24E-04	-0.015	0.026	0.564	-0.01 (-0.06, 0.04)	0.002	0.163	-0.015	0.022	0.507	-0.01 (-0.06, 0.03)	-0.007	0.022	0.754	-0.01 (-0.05, 0.04)
Q9H4D0	CLSTN2	OID20664	192	0.018	0.015	0.230	0.02 (-0.01, 0.05)	0.589	6.19E-12	0.019	0.029	0.516	0.02 (-0.04, 0.07)	0.000	0.972	0.023	0.023	0.308	0.02 (-0.02, 0.07)	0.023	0.023	0.302	0.02 (-0.02, 0.07)
P24530	EDNRB	OID30421	192	0.015	0.012	0.229	0.01 (-0.01, 0.04)	0.589	0.415	0.045	0.024	0.056	0.05 (-8.75e-04, 0.09)	-0.002	0.129	0.012	0.026	0.638	0.01 (-0.04, 0.06)	0.017	0.027	0.533	0.02 (-0.04, 0.07)
O94813	SLIT2	OID20862	192	0.018	0.015	0.230	0.02 (-0.01, 0.05)	0.589	9.09E-06	-0.028	0.028	0.321	-0.03 (-0.08, 0.03)	0.003	0.060	-0.008	0.026	0.758	-0.01 (-0.06, 0.04)	0.010	0.025	0.700	0.01 (-0.04, 0.06)
Q495A1	TIGIT	OID31320	192	0.014	0.012	0.230	0.01 (-0.01, 0.04)	0.589	0.076	0.008	0.025	0.763	0.01 (-0.04, 0.06)	0.000	0.749	-0.021	0.021	0.322	-0.02 (-0.06, 0.02)	-0.012	0.027	0.656	-0.01 (-0.06, 0.04)
Q6UXB4	CLEC4G	OID20590	192	0.040	0.033	0.231	0.04 (-0.03, 0.11)	0.590	1.73E-228	-0.023	0.064	0.721	-0.02 (-0.15, 0.10)	0.004	0.256	-0.007	0.024	0.756	-0.01 (-0.05, 0.04)	-0.007	0.023	0.764	-0.01 (-0.05, 0.04)
P01258	CALCA	OID20983	192	0.015	0.013	0.233	0.02 (-0.01, 0.04)	0.592	2.81E-11	-0.016	0.025	0.521	-0.02 (-0.07, 0.03)	0.002	0.142	-0.012	0.017	0.496	-0.01 (-0.04, 0.02)	-0.016	0.019	0.405	-0.02 (-0.05, 0.02)
A8MVW0	FAM171A2	OID31005	192	-0.016	0.013	0.233	-0.02 (-0.04, 0.01)	0.592	0.011	-0.043	0.026	0.095	-0.04 (-0.09, 0.01)	0.002	0.218	-0.012	0.025	0.642	-0.01 (-0.06, 0.04)	-0.013	0.026	0.624	-0.01 (-0.06, 0.04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	Gene	OID	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
Q92932	PTPRN2	OID20912	192	-0.017	0.014	0.232	-0.02 (-0.04, 0.01)	0.592	6.41E-05	0.033	0.027	0.223	0.03 (-0.02, 0.08)	-0.003	0.032	-0.012	0.025	0.637	-0.01 (-0.06, 0.04)	-0.003	0.024	0.898	-3.13e-03 (-0.05, 0.04)
Q9H4F8	SMOC1	OID21461	192	0.016	0.013	0.232	0.02 (-0.01, 0.04)	0.592	1.15E-05	-0.035	0.025	0.166	-0.03 (-0.08, 0.01)	0.003	0.020	-0.021	0.021	0.303	-0.02 (-0.06, 0.02)	-0.019	0.022	0.405	-0.02 (-0.06, 0.03)
P21810	BGN	OID21198	192	0.018	0.016	0.234	0.02 (-0.01, 0.05)	0.592	1.60E-09	0.032	0.030	0.295	0.03 (-0.03, 0.09)	-0.001	0.611	0.043	0.022	0.048	0.04 (2.84e-04, 0.09)	0.023	0.025	0.346	0.02 (-0.03, 0.07)
P20138	CD33	OID21472	192	0.008	0.007	0.235	0.01 (-0.01, 0.02)	0.592	4.05E-04	-0.007	0.013	0.595	-0.01 (-0.03, 0.02)	0.001	0.181	-0.016	0.010	0.117	-0.02 (-0.04, 3.89e-03)	-0.016	0.011	0.165	-0.02 (-0.04, 0.01)
Q9P126	CLEC1B	OID21061	192	-0.017	0.015	0.235	-0.02 (-0.05, 0.01)	0.592	1.16E-06	-0.017	0.028	0.547	-0.02 (-0.07, 0.04)	0.000	0.993	-0.009	0.025	0.714	-0.01 (-0.06, 0.04)	-0.018	0.023	0.448	-0.02 (-0.06, 0.03)
P81534;P8	DEFB103B;DE	OID30534	192	0.014	0.012	0.234	0.01 (-0.01, 0.04)	0.592	0.515	-0.025	0.024	0.294	-0.02 (-0.07, 0.02)	0.002	0.053	0.016	0.023	0.479	0.02 (-0.03, 0.06)	0.001	0.024	0.952	1.45e-03 (-0.05, 0.05)
P19526	FUT1	OID31295	192	0.034	0.029	0.235	0.03 (-0.02, 0.09)	0.592	2.67E-134	0.022	0.056	0.691	0.02 (-0.09, 0.13)	0.001	0.804	0.016	0.025	0.529	0.02 (-0.03, 0.06)	0.014	0.024	0.566	0.01 (-0.03, 0.06)
Q9BY41	HDAC8	OID30436	192	-0.014	0.012	0.233	-0.01 (-0.04, 0.01)	0.592	0.357	-0.002	0.024	0.943	-1.72e-03 (-0.05, 0.05)	-0.001	0.535	-0.027	0.022	0.232	-0.03 (-0.07, 0.02)	-0.017	0.025	0.492	-0.02 (-0.07, 0.03)
Q03014	HHEX	OID31107	192	0.017	0.014	0.233	0.02 (-0.01, 0.04)	0.592	3.81E-05	-0.020	0.027	0.467	-0.02 (-0.07, 0.03)	0.002	0.118	-0.002	0.025	0.941	-1.84e-03 (-0.05, 0.05)	-0.006	0.023	0.807	-0.01 (-0.05, 0.04)
P54652	HSPA2	OID31424	192	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.592	0.106	0.002	0.024	0.935	1.95e-03 (-0.05, 0.05)	0.001	0.564	0.001	0.019	0.948	1.25e-03 (-0.04, 0.04)	-0.006	0.025	0.825	-0.01 (-0.06, 0.04)
Q9BXS1	IDI2	OID20823	192	0.015	0.012	0.234	0.01 (-0.01, 0.04)	0.592	0.039	-0.040	0.024	0.096	-0.04 (-0.09, 0.01)	0.003	0.008	-0.015	0.019	0.443	-0.01 (-0.05, 0.02)	-0.031	0.022	0.168	-0.03 (-0.07, 0.01)
O95157	NXPH3	OID30565	192	-0.017	0.014	0.235	-0.02 (-0.04, 0.01)	0.592	1.70E-05	0.040	0.027	0.137	0.04 (-0.01, 0.09)	-0.004	0.014	0.008	0.024	0.741	0.01 (-0.04, 0.05)	-0.011	0.024	0.655	-0.01 (-0.06, 0.04)
Q8N6M0	OTUD6B	OID31487	192	-0.016	0.013	0.234	-0.02 (-0.04, 0.01)	0.592	0.002	-0.010	0.026	0.697	-0.01 (-0.06, 0.04)	0.000	0.795	-0.008	0.023	0.720	-0.01 (-0.05, 0.04)	-0.026	0.021	0.208	-0.03 (-0.07, 0.01)
O15305	PMM2	OID30125	192	-0.014	0.012	0.236	-0.01 (-0.04, 0.01)	0.592	0.057	-0.020	0.025	0.424	-0.02 (-0.07, 0.03)	0.000	0.784	-0.005	0.025	0.827	-0.01 (-0.05, 0.04)	-0.013	0.024	0.605	-0.01 (-0.06, 0.03)
P24928	POLR2A	OID30440	192	0.014	0.012	0.233	0.01 (-0.01, 0.04)	0.592	0.953	0.021	0.023	0.372	0.02 (-0.02, 0.07)	0.000	0.744	0.006	0.019	0.730	0.01 (-0.03, 0.04)	0.001	0.025	0.967	1.06e-03 (-0.05, 0.05)
O75528	TADA3	OID31422	192	0.014	0.012	0.235	0.01 (-0.01, 0.04)	0.592	0.194	-0.007	0.024	0.765	-0.01 (-0.05, 0.04)	0.001	0.301	-0.006	0.024	0.821	-0.01 (-0.05, 0.04)	0.002	0.024	0.921	2.36e-03 (-0.04, 0.05)
O95407	TNFRSF6B	OID20964	192	0.017	0.014	0.235	0.02 (-0.01, 0.04)	0.592	1.15E-06	0.013	0.027	0.624	0.01 (-0.04, 0.07)	0.000	0.888	0.004	0.020	0.822	4.43e-03 (-0.03, 0.04)	0.020	0.023	0.383	0.02 (-0.03, 0.07)
P22004	BMP6	OID20111	192	-0.017	0.014	0.237	-0.02 (-0.04, 0.01)	0.594	3.85E-05	-0.010	0.027	0.715	-0.01 (-0.06, 0.04)	0.000	0.777	0.003	0.025	0.918	2.55e-03 (-0.05, 0.05)	0.006	0.022	0.788	0.01 (-0.04, 0.05)
Q99653	CHP1	OID30869	192	0.014	0.012	0.237	0.01 (-0.01, 0.04)	0.594	0.069	0.019	0.025	0.443	0.02 (-0.03, 0.07)	0.000	0.814	0.017	0.025	0.514	0.02 (-0.03, 0.07)	0.010	0.026	0.713	0.01 (-0.04, 0.06)
Q05084	ICA1	OID20484	192	-0.016	0.013	0.237	-0.02 (-0.04, 0.01)	0.594	0.003	-0.020	0.026	0.440	-0.02 (-0.07, 0.03)	0.000	0.847	-0.017	0.022	0.446	-0.02 (-0.06, 0.03)	-0.032	0.022	0.146	-0.03 (-0.08, 0.01)
P31949	S100A11	OID20130	192	0.014	0.011	0.237	0.01 (-0.01, 0.04)	0.594	0.254	-0.004	0.023	0.860	-4.04e-03 (-0.05, 0.04)	0.001	0.371	0.037	0.022	0.091	0.04 (-0.01, 0.08)	0.045	0.023	0.050	0.04 (3.37e-04, 0.09)
Q9Y5E8	PCDHB15	OID31377	192	0.015	0.012	0.237	0.01 (-0.01, 0.04)	0.594	0.012	-0.001	0.024	0.970	-8.90e-04 (-0.05, 0.05)	0.001	0.451	-0.014	0.018	0.442	-0.01 (-0.05, 0.02)	-0.026	0.023	0.253	-0.03 (-0.07, 0.02)
P55145	MANF	OID20707	192	-0.016	0.014	0.238	-0.02 (-0.04, 0.01)	0.595	0.001	-0.017	0.026	0.533	-0.02 (-0.07, 0.04)	0.000	0.984	-0.005	0.024	0.829	-0.01 (-0.05, 0.04)	-0.025	0.023	0.279	-0.02 (-0.07, 0.02)
Q6ZMC9	SIGLEC15	OID20812	192	-0.014	0.012	0.238	-0.01 (-0.04, 0.01)	0.595	0.564	-0.013	0.023	0.570	-0.01 (-0.06, 0.03)	0.000	0.962	-0.008	0.024	0.747	-0.01 (-0.05, 0.04)	-0.010	0.024	0.673	-0.01 (-0.06, 0.04)
Q9NRG1	PRTFDC1	OID20867	192	-0.015	0.013	0.239	-0.02 (-0.04, 0.01)	0.595	0.023	-0.014	0.025	0.593	-0.01 (-0.06, 0.04)	0.000	0.934	-0.019	0.024	0.418	-0.02 (-0.07, 0.03)	-0.039	0.025	0.120	-0.04 (-0.09, 0.01)
P34896	SHMT1	OID20714	192	0.014	0.012	0.238	0.01 (-0.01, 0.04)	0.595	4.81E-04	0.008	0.023	0.727	0.01 (-0.04, 0.05)	0.000	0.763	0.005	0.021	0.812	4.92e-03 (-0.04, 0.05)	0.001	0.019	0.974	6.19e-04 (-0.04, 0.04)
Q16520	BATF	OID30896	192	0.014	0.012	0.239	0.01 (-0.01, 0.04)	0.595	0.418	0.014	0.024	0.541	0.01 (-0.03, 0.06)	0.000	0.990	-0.003	0.021	0.895	-2.72e-03 (-0.04, 0.04)	-0.012	0.027	0.643	-0.01 (-0.07, 0.04)
P02533	KRT14	OID20800	192	-0.014	0.012	0.239	-0.01 (-0.04, 0.01)	0.595	0.982	-0.053	0.024	0.027	-0.05 (-0.10, -0.01)	0.002	0.059	-0.034	0.024	0.159	-0.03 (-0.08, 0.01)	-0.038	0.022	0.093	-0.04 (-0.08, 0.01)
Q6ISS4	LAIR2	OID20965	192	0.012	0.010	0.239	0.01 (-0.01, 0.03)	0.596	0.002	-0.007	0.020	0.709	-0.01 (-0.05, 0.03)	0.001	0.252	0.024	0.019	0.211	0.02 (-0.01, 0.06)	0.024	0.018	0.195	0.02 (-0.01, 0.06)
Q24JP5	TMEM132A	OID30287	192	-0.013	0.011	0.240	-0.01 (-0.03, 0.01)	0.597	0.117	-0.015	0.022	0.503	-0.01 (-0.06, 0.03)	0.000	0.908	-0.038	0.020	0.060	-0.04 (-0.08, 1.60e-03)	-0.037	0.024	0.117	-0.04 (-0.08, 0.01)
Q86WV1	SKAP1	OID20906	192	0.017	0.015	0.240	0.02 (-0.01, 0.05)	0.597	1.64E-06	-0.001	0.028	0.983	-5.85e-04 (-0.06, 0.05)	0.001	0.466	0.010	0.026	0.702	0.01 (-0.04, 0.06)	-0.006	0.023	0.787	-0.01 (-0.05, 0.04)
Q13459	MYO9B	OID20451	192	-0.015	0.013	0.241	-0.02 (-0.04, 0.01)	0.599	0.011	-0.033	0.026	0.193	-0.03 (-0.08, 0.02)	0.001	0.414	-0.044	0.024	0.073	-0.04 (-0.09, 4.12e-03)	-0.043	0.026	0.097	-0.04 (-0.09, 0.01)
Q99795	GPA33	OID21376	192	-0.017	0.014	0.241	-0.02 (-0.04, 0.01)	0.599	2.76E-07	-0.005	0.028	0.870	-4.52e-03 (-0.06, 0.05)	-0.001	0.608	0.000	0.019	0.990	2.53e-04 (-0.04, 0.04)	0.008	0.021	0.717	0.01 (-0.03, 0.05)
P09105	HBQ1	OID21433	192	-0.016	0.014	0.242	-0.02 (-0.04, 0.01)	0.599	1.63E-06	0.009	0.026	0.738	0.01 (-0.04, 0.06)	-0.002	0.274	0.005	0.022	0.832	4.65e-03 (-0.04, 0.05)	-0.002	0.022	0.914	-2.35e-03 (-0.05, 0.04)
Q5ZPR3	CD276	OID20680	192	0.014	0.012	0.242	0.01 (-0.01, 0.04)	0.599	5.42E-07	0.007	0.023	0.780	0.01 (-0.04, 0.05)	0.000	0.705	-0.011	0.019	0.567	-0.01 (-0.05, 0.03)	-0.008	0.020	0.676	-0.01 (-0.05, 0.03)
Q01638	IL1RL1	OID20250	192	0.013	0.011	0.242	0.01 (-0.01, 0.03)	0.599	5.19E-07	0.029	0.021	0.176	0.03 (-0.01, 0.07)	-0.001	0.379	0.031	0.017	0.078	0.03 (-3.41e-03, 0.06)	0.028	0.019	0.131	0.03 (-0.01, 0.07)
Q03169	TNFAIP2	OID31446	192	-0.016	0.014	0.243	-0.02 (-0.04, 0.01)	0.601	4.17E-04	-0.027	0.026	0.317	-0.03 (-0.08, 0.03)	0.001	0.639	-0.029	0.024	0.231	-0.03 (-0.08, 0.02)	-0.018	0.022	0.428	-0.02 (-0.06, 0.03)
P49454	CENPF	OID31329	192	0.013	0.011	0.243	0.01 (-0.01, 0.04)	0.601	0.935	0.020	0.022	0.368	0.02 (-0.02, 0.06)	0.000	0.727	0.012	0.023	0.603	0.01 (-0.03, 0.06)	0.014	0.022	0.521	0.01 (-0.03, 0.06)
Q9BQ51	PDCD1LG2	OID21273	192	0.015	0.013	0.244	0.02 (-0.01, 0.04)	0.602	1.26E-10	0.017	0.025	0.496	0.02 (-0.03, 0.07)	0.000	0.925	-0.008	0.016	0.624	-0.01 (-0.04, 0.02)	0.003	0.018	0.875	2.85e-03 (-0.03, 0.04)
O76061	STC2	OID21157	192	0.018	0.015	0.244	0.02 (-0.01, 0.05)	0.602	2.13E-10	-0.003	0.029	0.917	-3.06e-03 (-0.06, 0.05)	0.001	0.411	0.029	0.024	0.217	0.03 (-0.02, 0.08)	0.025	0.023	0.276	0.03 (-0.02, 0.07)
Q9BTK6	PAGR1	OID30206	192	0.016	0.014	0.244	0.02 (-0.01, 0.04)	0.602	0.001	-0.026	0.027	0.328	-0.03 (-0.08, 0.03)	0.003	0.066	-0.021	0.021	0.311	-0.02 (-0.06, 0.02)	-0.025	0.024	0.294	-0.02 (-0.07, 0.02)
Q13158	FADD	OID20151	192	-0.015	0.013	0.245	-0.02 (-0.04, 0.01)	0.603	0.019	-0.014	0.025	0.577	-0.01 (-0.06, 0.04)	0.000	0.964	-0.006	0.023	0.781	-0.01 (-0.05, 0.04)	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)
P13232	IL7	OID20535	192	-0.016	0.014	0.245	-0.02 (-0.04, 0.01)	0.603	1.65E-04	-0.022	0.027	0.421	-0.02 (-0.08, 0.03)	0.000	0.808	-0.025	0.024	0.312	-0.02 (-0.07, 0.02)	-0.030	0.023	0.188	-0.03 (-0.08, 0.01)
Q14160	SCRIB	OID30558	192	0.016	0.014	0.245	0.02 (-0.01, 0.04)	0.603	0.005	0.008	0.026	0.752	0.01 (-0.04, 0.06)	0.000	0.742	-0.003	0.024	0.897	-3.14e-03 (-0.05, 0.04)	-0.005	0.022	0.823	-4.89e-03 (-0.05, 0.04)
O00148	DDX39A	OID30494	192	0.014	0.012	0.246	0.01 (-0.01, 0.04)	0.604	0.181	0.009	0.025	0.718	0.01 (-0.04, 0.06)	0.000	0.806	-0.002	0.024	0.925	-2.22e-03 (-0.05, 0.04)	0.002	0.024	0.947	1.58e-03 (-0.04, 0.05)
O95831	AIFM1	OID21287	192	0.016	0.014	0.247	0.02 (-0.01, 0.04)	0.605	2.08E-04	-0.017	0.027	0.538	-0.02 (-0.07, 0.04)	0.002	0.158	-0.023	0.024	0.329	-0.02 (-0.07, 0.02)	-0.021	0.024	0.378	-0.02 (-0.07, 0.03)
Q9BUJ2	HNRNPUL1	OID31037	192	0.015	0.013	0.247	0.02 (-0.01, 0.04)	0.605	0.001	-0.014	0.026	0.588	-0.01 (-0.06, 0.04)	0.002	0.184	-0.012	0.023	0.599	-0.01 (-0.06, 0.03)	-0.009	0.023	0.707	-0.01 (-0.05, 0.04)
Q9H0C8	ILKAP	OID20855	192	-0.016	0.014	0.247	-0.02 (-0.04, 0.01)	0.605	0.001	-0.020	0.027	0.459	-0.02 (-0.07, 0.03)	0.000	0.865	-0.010	0.023	0.682	-0.01 (-0.06, 0.04)	-0.025	0.024	0.303	-0.02 (-0.07, 0.02)
Q5JTV8	TOR1AIP1	OID30195	192	0.014	0.012	0.247	0.01 (-0.01, 0.04)	0.605	0.007	0.001	0.023	0.976	6.87e-04 (-0.04, 0.05)	0.001	0.508	-0.007	0.020	0.712	-0.01 (-0.05, 0.03)	-0.007	0.021	0.751	-0.01 (-0.05, 0.03)
Q9BYC5	FUT8	OID20992	192	-0.015	0.013	0.248	-0.01 (-0.04, 0.01)	0.606	1.05E-06	-0.013	0.025	0.591	-0.01 (-0.06, 0.04)	0.000	0.948	-0.002	0.020	0.929	-1.81e-03 (-0.04, 0.04)	-0.011	0.021	0.605	-0.01 (-0.05, 0.03)
Q6UWL2	SUSD1	OID20072	192	-0.017	0.014	0.248	-0.02 (-0.05, 0.01)	0.606	2.23E-05	-0.010	0.028	0.731	-0.01 (-0.06, 0.05)	0.000	0.770	-0.018	0.022	0.407	-0.02 (-0.06, 0.02)	-0.020	0.025	0.428	-0.02 (-0.07, 0.03)
P09681	GIP	OID30288	192	0.020	0.018	0.249	0.02 (-0.01, 0.05)	0.609	2.70E-23	0.021	0.034	0.547	0.02 (-0.05, 0.09)	0.000	0.990	0.050	0.021	0.015	0.05 (0.01, 0.09)	0.046	0.024	0.059	0.05 (-1.52e-03, 0.09)
Q9HCM2	PLXNA4	OID20597	192	-0.015	0.013	0.250	-0.02 (-0.04, 0.01)	0.610	0.013	-0.010	0.026	0.691	-0.01 (-0.06, 0.04)	0.000	0.821	0.000	0.021	0.997	-6.96e-05 (-0.04, 0.04)	-0.006	0.025	0.822	-0.01 (-0.05, 0.04)
Q9UBB4	ATXN10	OID20865	192	-0.015	0.013	0.252	-0.01 (-0.04, 0.01)	0.614	0.043	-0.017	0.025	0.491	-0.02 (-0.07, 0.03)	0.000	0.907	-0.014	0.024	0.574	-0.01 (-0.06, 0.03)	-0.021	0.024	0.377	-0.02 (-0.07, 0.03)
P78317	RNF4	OID31321	192	0.014	0.012	0.253	0.01 (-0.01, 0.04)	0.615	0.072	-0.024	0.025	0.329	-0.02 (-0.07, 0.02)	0.002	0.075	0.000	0.021	0.992	1.97e-04 (-0.04, 0.04)	-0.052	0.026	0.044	-0.05 (-0.10, -1.64e-03)
Q9BXN2	CLEC7A	OID20636	192	0.012	0.011	0.256	0.01 (-0.01, 0.03)	0.616	3.55E-05	-0.003	0.021	0.874	-3.39e-03 (-0.05, 0.04)	0.001	0.385	-0.001	0.017	0.946	-1.13e-03 (-0.03, 0.03)	-0.003	0.018	0.881	-2.63e-03 (-0.04, 0.03)
P10145	CXCL8	OID20631	192	0.017	0.015	0.255	0.02 (-0.01, 0.05)	0.616	2.56E-09	0.020	0.030	0.504	0.02 (-0.04, 0.08)	0.000	0.923	0.013	0.023	0.590	0.01 (-0.03, 0.06)	0.014	0.021	0.502	0.01 (-0.03, 0.06)
O43320	FGF16	OID30535	192	-0.014	0.012	0.253	-0.01 (-0.04, 0.01)	0.616	0.124	-0.027	0.025	0.285	-0.03 (-0.08, 0.02)	0.001	0.548	-0.022	0.024	0.368	-0.02 (-0.07, 0.03)	-0.027	0.022	0.227	-0.03 (-0.07, 0.02)
P05000	IFNW1	OID30129	192	-0.014	0.012	0.255	-0.01 (-0.04, 0.01)	0.616	0.425	-0.037	0.024	0.117	-0.04 (-0.08, 0.01)	0.001	0.249	-0.032	0.026	0.229	-0.03 (-0.08, 0.02)	-0.033	0.025	0.183	-0.03 (-0.08, 0.02)
Q9GZX6	IL22	OID31407	192	0.015	0.013	0.254	0.02 (-0.01, 0.04)	0.616	0.001	0.010	0.026	0.696	0.01 (-0.04, 0.06)	0.000	0.819	0.032	0.023	0.163	0.03 (-0.01, 0.08)	0.027	0.022	0.212	0.03 (-0.02, 0.07)
Q53H82	LACTB2	OID20150	192	-0.013	0.012	0.255	-0.01 (-0.04, 0.01)	0.616	0.062	-0.018	0.024	0.469	-0.02 (-0.07, 0.03)	0.000	0.833	-0.027	0.020	0.186	-0.03 (-0.07, 0.01)	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)
P05976	MYL1	OID30120	192	-0.014	0.012	0.255	-0.01 (-0.04, 0.01)	0.616	0.192	-0.049	0.024	0.040	-0.05 (-0.10, -2.50e-03)	0.002	0.082	-0.022	0.019	0.249	-0.02 (-0.06, 0.02)	-0.031	0.024	0.206	-0.03 (-0.08, 0.02)
Q96NY8	NECTIN4	OID21490	192	-0.015	0.013	0.253	-0.02 (-0.04, 0.01)	0.616	3.12E-04	-0.027	0.026	0.296	-0.03 (-0.08, 0.02)	0.001	0.592	-0.017	0.025	0.487	-0.02 (-0.07, 0.03)	-0.014	0.025	0.575	-0.01 (-0.06, 0.04)
P35228	NOS2	OID30087	192	0.014	0.012	0.254	0.01 (-0.01, 0.04)	0.616	0.997	0.020	0.023	0.387	0.02 (-0.03, 0.07)	0.000	0.745	0.013	0.024	0.598	0.01 (-0.03, 0.06)	0.006	0.024	0.786	0.01 (-0.04, 0.05)
Q15818	NPTX1	OID21074	192	-0.017	0.015	0.255	-0.02 (-0.05, 0.01)	0.616	1.17E-17	0.034	0.029	0.242	0.03 (-0.02, 0.09)	-0.003	0.040	0.021	0.021	0.315	0.02 (-0.02, 0.06)	0.007	0.023	0.747	0.01 (-0.04, 0.05)
P56279	TCL1A	OID20987	192	0.016	0.014	0.254	0.02 (-0.01, 0.04)	0.616	3.29E-05	-0.021	0.026	0.436	-0.02 (-0.07, 0.03)	0.002	0.111	-0.002	0.022	0.941	-1.65e-03 (-0.05, 0.04)	-0.002	0.024	0.946	-1.60e-03 (-0.05, 0.04)
P06132	UROD	OID30603	192	0.014	0.012	0.255	0.01 (-0.01, 0.04)	0.616	0.034	0.011	0.024	0.654	0.01 (-0.04, 0.06)	0.000	0.873	0.011	0.024	0.654	0.01 (-0.04, 0.06)	0.004	0.023	0.846	4.47e-03 (-0.04, 0.05)
Q9NZV1	CRIM1	OID20701	192	-0.018	0.016	0.256	-0.02 (-0.05, 0.01)	0.616	3.39E-12	-0.019	0.030	0.523	-0.02 (-0.08, 0.04)	0.000	0.949	-0.027	0.023	0.244	-0.03 (-0.07, 0.02)	-0.021	0.024	0.380	-0.02 (-0.07, 0.03)
P01215	CGA	OID21069	192	-0.010	0.008	0.256	-0.01 (-0.03, 0.01)	0.617	0.107	-0.011	0.017	0.525	-0.01 (-0.05, 0.02)	0.000	0.920	-0.021	0.016	0.186	-0.02 (-0.05, 0.01)	-0.015	0.015	0.303	-0.02 (-0.04, 0.01)
Q6B8I1	DUSP13	OID31394	192	-0.013	0.012	0.256	-0.01 (-0.04, 0.01)	0.617	0.122	0.003	0.024	0.897	3.08e-03 (-0.04, 0.05)	-0.001	0.428	-0.003	0.024	0.885	-3.46e-03 (-0.05, 0.04)	-0.002	0.022	0.912	-2.39e-03 (-0.04, 0.04)
Q8WUW1	BRK1	OID20883	192	-0.022	0.019	0.257	-0.02 (-0.06, 0.02)	0.617	1.63E-31	-0.049	0.038	0.197	-0.05 (-0.12, 0.02)	0.002	0.408	-0.039	0.024	0.095	-0.04 (-0.09, 0.01)	-0.037	0.025	0.147	-0.04 (-0.09, 0.01)
P04062	GBA	OID30966	192	0.014	0.012	0.257	0.01 (-0.01, 0.04)	0.618	0.078	0.044	0.025	0.081	0.04 (-0.01, 0.09)	-0.002	0.160	0.046	0.023	0.044	0.05 (1.22e-03, 0.09)	0.036	0.026	0.162	0.04 (-0.01, 0.09)
P28222	HTR1B	OID30866	192	-0.014	0.012	0.258	-0.01 (-0.04, 0.01)	0.618	0.461	-0.007	0.024	0.782	-0.01 (-0.05, 0.04)	0.000	0.723	-0.012	0.025	0.626	-0.01 (-0.06, 0.04)	-0.018	0.027	0.508	-0.02 (-0.07, 0.03)
Q9H2A7	CXCL16	OID20282	192	0.015	0.013	0.258	0.02 (-0.01, 0.04)	0.618	5.67E-05	-0.035	0.026	0.169	-0.04 (-0.09, 0.01)	0.003	0.022	0.019	0.022	0.394	0.02 (-0.02, 0.06)	-0.036	0.025	0.158	-0.04 (-0.08, 0.01)
Q7KYR7	BTN2A1	OID20713	192	0.017	0.015	0.259	0.02 (-0.01, 0.05)	0.620	2.43E-10	-0.035	0.029	0.223	-0.03 (-0.09, 0.02)	0.003	0.036	-0.035	0.019	0.071	-0.04 (-0.07, 2.96e-03)	-0.039	0.021	0.068	-0.04 (-0.08, 2.59e-03)
Q9UII2	ATP5IF1	OID20760	192	-0.016	0.015	0.259	-0.02 (-0.04, 0.01)	0.620	3.84E-06	-0.023	0.028	0.423	-0.02 (-0.08, 0.03)	0.000	0.796	-0.014	0.024	0.562	-0.01 (-0.06, 0.03)	-0.027	0.024	0.244	-0.03 (-0.07, 0.02)
P41159	LEP	OID20187	192	0.018	0.016	0.259	0.02 (-0.01, 0.05)	0.620	3.08E-27	-0.101	0.029	0.001	-0.10 (-0.16, -0.04)	0.008	4.67E-06	-0.032	0.021	0.121	-0.03 (-0.07, 0.01)	-0.031	0.020	0.135	-0.03 (-0.07, 0.01)
Q8N114	SHISA5	OID30387	192	0.015	0.013	0.259	0.01 (-0.01, 0.04)	0.620	3.83E-04	-0.034	0.025	0.176	-0.03 (-0.08, 0.02)	0.003	0.024	-0.017	0.019	0.353	-0.02 (-0.05, 0.02)	-0.042	0.023	0.069	-0.04 (-0.09, 3.06e-03)
Q9NRY6	PLSCR3	OID31146	192	0.015	0.014	0.260	0.02 (-0.01, 0.04)	0.620	0.001	-0.006	0.026	0.822	-0.01 (-0.06, 0.05)	0.001	0.348	-0.002	0.024	0.938	-1.89e-03 (-0.05, 0.05)	0.000	0.024	0.989	3.29e-04 (-0.05, 0.05)
P13688	CEACAM1	OID21528	192	-0.023	0.021	0.261	-0.02 (-0.06, 0.02)	0.621	3.46E-45	-0.002	0.040	0.964	-1.79e-03 (-0.08, 0.08)	-0.001	0.533	0.004	0.019	0.842	3.77e-03 (-0.03, 0.04)	0.024	0.024	0.324	0.02 (-0.02, 0.07)
P10645	CHGA	OID30403	192	-0.016	0.014	0.261	-0.02 (-0.04, 0.01)	0.621	2.58E-05	-0.003	0.027	0.899	-3.43e-03 (-0.06, 0.05)	-0.001	0.599	-0.003	0.023	0.904	-2.79e-03 (-0.05, 0.04)	0.002	0.020	0.919	2.07e-03 (-0.04, 0.04)
P30084	ECHS1	OID30239	192	0.016	0.014	0.261	0.02 (-0.01, 0.04)	0.621	2.69E-04	-0.010	0.027	0.713	-0.01 (-0.06, 0.04)	0.002	0.270	-0.020	0.022	0.351	-0.02 (-0.06, 0.02)	-0.029	0.023	0.215	-0.03 (-0.07, 0.02)
P51858	HDGF	OID21455	192	0.009	0.008	0.261	0.01 (-0.01, 0.02)	0.621	0.061	0.009	0.016	0.587	0.01 (-0.02, 0.04)	0.000	0.996	0.013	0.016	0.406	0.01 (-0.02, 0.05)	0.005	0.016	0.748	0.01 (-0.03, 0.04)
P18084	ITGB5	OID21522	192	-0.017	0.015	0.261	-0.02 (-0.05, 0.01)	0.621	2.09E-09	0.016	0.029	0.572	0.02 (-0.04, 0.07)	-0.002	0.182	-0.003	0.023	0.901	-2.90e-03 (-0.05, 0.04)	-0.007	0.023	0.774	-0.01 (-0.05, 0.04)
P11387	TOP1	OID31449	192	0.014	0.013	0.260	0.01 (-0.01, 0.04)	0.621	3.17E-10	0.031	0.024	0.209	0.03 (-0.02, 0.08)	-0.001	0.429	0.025	0.020	0.222	0.02 (-0.01, 0.06)	0.028	0.018	0.120	0.03 (-0.01, 0.06)
Q9BV40	VAMP8	OID30555	192	-0.015	0.013	0.261	-0.01 (-0.04, 0.01)	0.621	0.027	-0.023	0.025	0.372	-0.02 (-0.07, 0.03)	0.001	0.712	-0.015	0.024	0.531	-0.02 (-0.06, 0.03)	-0.030	0.023	0.193	-0.03 (-0.08, 0.02)
Q9Y5V3	MAGED1	OID21181	192	0.013	0.012	0.262	0.01 (-0.01, 0.04)	0.622	0.290	-0.022	0.024	0.357	-0.02 (-0.07, 0.02)	0.002	0.083	0.014	0.025	0.575	0.01 (-0.03, 0.06)	0.002	0.024	0.947	1.61e-03 (-0.05, 0.05)
Q6YHK3	CD109	OID21108	192	0.014	0.012	0.263	0.01 (-0.01, 0.04)	0.625	2.00E-12	0.012	0.024	0.619	0.01 (-0.04, 0.06)	0.000	0.927	0.001	0.018	0.950	1.15e-03 (-0.03, 0.04)	0.009	0.019	0.642	0.01 (-0.03, 0.05)
Q92752	TNR	OID20957	192	0.016	0.014	0.264	0.02 (-0.01, 0.04)	0.625	8.46E-09	0.015	0.028	0.593	0.01 (-0.04, 0.07)	0.000	0.963	0.041	0.022	0.061	0.04 (-1.90e-03, 0.08)	0.034	0.022	0.126	0.03 (-0.01, 0.08)
P61244	MAX	OID20877	192	-0.015	0.014	0.264	-0.02 (-0.04, 0.01)	0.626	0.005	-0.022	0.026	0.394	-0.02 (-0.07, 0.03)	0.000	0.745	-0.028	0.024	0.234	-0.03 (-0.07, 0.02)	-0.031	0.023	0.167	-0.03 (-0.08, 0.01)
O60476	MAN1A2	OID30262	192	-0.015	0.013	0.266	-0.01 (-0.04, 0.01)	0.626	4.69E-05	-0.013	0.026	0.618	-0.01 (-0.06, 0.04)	0.000	0.933	0.001	0.022	0.975	6.92e-04 (-0.04, 0.04)	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)
Q96CD2	PPCDC	OID21027	192	-0.014	0.013	0.265	-0.01 (-0.04, 0.01)	0.626	0.008	-0.020	0.025	0.421	-0.02 (-0.07, 0.03)	0.000	0.786	-0.004	0.022	0.849	-4.14e-03 (-0.05, 0.04)	-0.027	0.024	0.259	-0.03 (-0.07, 0.02)
P05549	TFAP2A	OID30848	192	0.014	0.012	0.266	0.01 (-0.01, 0.04)	0.626	0.312	0.030	0.024	0.218	0.03 (-0.02, 0.08)	-0.001	0.431	0.049	0.022	0.024	0.05 (0.01, 0.09)	0.047	0.025	0.060	0.05 (-1.66e-03, 0.10)
P21980	TGM2	OID20141	192	-0.013	0.011	0.266	-0.01 (-0.03, 0.01)	0.626	0.156	0.003	0.023	0.888	3.25e-03 (-0.04, 0.05)	-0.001	0.423	0.010	0.021	0.624	0.01 (-0.03, 0.05)	0.004	0.022	0.860	3.83e-03 (-0.04, 0.05)
O00534	VWA5A	OID31198	192	0.014	0.012	0.265	0.01 (-0.01, 0.04)	0.626	0.864	-0.007	0.024	0.770	-0.01 (-0.05, 0.04)	0.001	0.312	-0.017	0.019	0.376	-0.02 (-0.05, 0.02)	-0.018	0.024	0.468	-0.02 (-0.07, 0.03)
P02730	SLC4A1	OID30369	192	0.014	0.013	0.266	0.01 (-0.01, 0.04)	0.627	0.010	0.020	0.025	0.433	0.02 (-0.03, 0.07)	0.000	0.804	0.024	0.024	0.320	0.02 (-0.02, 0.07)	0.022	0.024	0.362	0.02 (-0.02, 0.07)
Q01201	RELB	OID30463	192	0.015	0.014	0.268	0.02 (-0.01, 0.04)	0.631	0.005	-0.004	0.026	0.891	-3.65e-03 (-0.06, 0.05)	0.001	0.409	-0.031	0.022	0.165	-0.03 (-0.07, 0.01)	-0.030	0.026	0.257	-0.03 (-0.08, 0.02)
Q9Y4C1	KDM3A	OID30426	192	-0.015	0.013	0.269	-0.01 (-0.04, 0.01)	0.631	0.035	0.017	0.025	0.503	0.02 (-0.03, 0.07)	-0.002	0.148	-0.038	0.024	0.111	-0.04 (-0.08, 0.01)	-0.033	0.023	0.153	-0.03 (-0.08, 0.01)
P57078	RIPK4	OID30138	192	-0.013	0.012	0.268	-0.01 (-0.04, 0.01)	0.631	0.797	-0.019	0.023	0.419	-0.02 (-0.07, 0.03)	0.000	0.780	-0.029	0.024	0.237	-0.03 (-0.08, 0.02)	-0.019	0.024	0.431	-0.02 (-0.07, 0.03)
P43630	KIR3DL2	OID31191	192	0.013	0.012	0.269	0.01 (-0.01, 0.04)	0.632	0.890	0.026	0.023	0.267	0.03 (-0.02, 0.07)	-0.001	0.528	0.011	0.024	0.633	0.01 (-0.04, 0.06)	0.020	0.024	0.410	0.02 (-0.03, 0.07)
Q14393	GAS6	OID20318	192	0.019	0.017	0.270	0.02 (-0.01, 0.05)	0.633	1.67E-21	-0.006	0.033	0.849	-0.01 (-0.07, 0.06)	0.002	0.377	-0.045	0.018	0.014	-0.04 (-0.08, -0.01)	-0.033	0.023	0.143	-0.03 (-0.08, 0.01)
P00390	GSR	OID30700	192	-0.019	0.017	0.270	-0.02 (-0.05, 0.01)	0.633	5.07E-19	-0.087	0.033	0.008	-0.09 (-0.15, -0.02)	0.004	0.016	-0.062	0.022	0.005	-0.06 (-0.11, -0.02)	-0.066	0.023	0.006	-0.07 (-0.11, -0.02)
P05362	ICAM1	OID20411	192	0.024	0.022	0.270	0.02 (-0.02, 0.07)	0.633	7.04E-74	-0.021	0.043	0.624	-0.02 (-0.10, 0.06)	0.003	0.216	0.013	0.022	0.558	0.01 (-0.03, 0.06)	0.015	0.022	0.496	0.02 (-0.03, 0.06)
Q06141	REG3A	OID20258	192	-0.014	0.013	0.270	-0.01 (-0.04, 0.01)	0.633	0.001	0.015	0.025	0.537	0.02 (-0.03, 0.06)	-0.002	0.167	0.002	0.022	0.931	1.90e-03 (-0.04, 0.04)	0.000	0.021	0.996	1.15e-04 (-0.04, 0.04)
Q9H171	ZBP1	OID30526	192	0.013	0.012	0.271	0.01 (-0.01, 0.04)	0.634	0.371	0.015	0.023	0.510	0.02 (-0.03, 0.06)	0.000	0.905	-0.003	0.023	0.884	-3.40e-03 (-0.05, 0.04)	0.002	0.023	0.928	2.07e-03 (-0.04, 0.05)
P07237	P4HB	OID21509	192	0.015	0.013	0.272	0.01 (-0.01, 0.04)	0.636	0.003	-0.026	0.026	0.322	-0.03 (-0.08, 0.02)	0.003	0.070	0.008	0.024	0.739	0.01 (-0.04, 0.05)	-0.007	0.024	0.765	-0.01 (-0.05, 0.04)
Q9H0P0	NT5C3A	OID20553	192	-0.015	0.014	0.273	-0.01 (-0.04, 0.01)	0.637	0.002	0.009	0.026	0.732	0.01 (-0.04, 0.06)	-0.002	0.290	0.003	0.023	0.902	2.89e-03 (-0.04, 0.05)	-0.007	0.025	0.778	-0.01 (-0.06, 0.04)
Q7L5N7	LPCAT2	OID21290	192	0.013	0.012	0.274	0.01 (-0.01, 0.04)	0.639	0.167	-0.012	0.024	0.608	-0.01 (-0.06, 0.03)	0.002	0.220	0.015	0.024	0.539	0.01 (-0.03, 0.06)	0.003	0.024	0.893	3.23e-03 (-0.04, 0.05)
Q68D85	NCR3LG1	OID31490	192	-0.024	0.022	0.275	-0.02 (-0.07, 0.02)	0.640	8.15E-82	-0.003	0.042	0.953	-2.52e-03 (-0.09, 0.08)	-0.001	0.556	-0.032	0.020	0.113	-0.03 (-0.07, 0.01)	-0.026	0.022	0.240	-0.03 (-0.07, 0.02)
P48668	KRT6C	OID30169	192	0.013	0.012	0.275	0.01 (-0.01, 0.04)	0.642	0.943	0.013	0.023	0.587	0.01 (-0.03, 0.06)	0.000	0.983	-0.002	0.023	0.922	-2.20e-03 (-0.05, 0.04)	-0.001	0.022	0.960	-1.12e-03 (-0.04, 0.04)
Q9UJA9	ENPP5	OID20736	192	-0.011	0.010	0.276	-0.01 (-0.03, 0.01)	0.642	7.43E-08	0.012	0.019	0.543	0.01 (-0.03, 0.05)	-0.001	0.171	-0.008	0.017	0.646	-0.01 (-0.04, 0.03)	-0.017	0.015	0.243	-0.02 (-0.05, 0.01)
P01008	SERPINC1	OID30789	192	-0.016	0.015	0.276	-0.02 (-0.05, 0.01)	0.642	7.46E-09	0.004	0.029	0.877	4.47e-03 (-0.05, 0.06)	-0.001	0.404	0.010	0.023	0.669	0.01 (-0.04, 0.06)	0.008	0.025	0.758	0.01 (-0.04, 0.06)
Q9ULU8	CADPS	OID30915	192	0.013	0.012	0.277	0.01 (-0.01, 0.04)	0.642	0.319	-0.002	0.024	0.941	-1.79e-03 (-0.05, 0.05)	0.001	0.468	0.018	0.020	0.369	0.02 (-0.02, 0.06)	0.016	0.024	0.504	0.02 (-0.03, 0.06)
P13501	CCL5	OID20412	192	-0.018	0.017	0.277	-0.02 (-0.05, 0.01)	0.642	1.36E-16	-0.052	0.032	0.108	-0.05 (-0.11, 0.01)	0.002	0.220	-0.022	0.025	0.371	-0.02 (-0.07, 0.03)	-0.010	0.025	0.687	-0.01 (-0.06, 0.04)
Q14118	DAG1	OID20774	192	0.015	0.013	0.278	0.01 (-0.01, 0.04)	0.644	0.002	0.009	0.026	0.730	0.01 (-0.04, 0.06)	0.000	0.804	0.017	0.024	0.468	0.02 (-0.03, 0.06)	0.014	0.024	0.562	0.01 (-0.03, 0.06)
A8MYV0	DCDC2C	OID31235	192	0.013	0.012	0.279	0.01 (-0.01, 0.04)	0.647	0.744	0.000	0.024	0.983	4.97e-04 (-0.05, 0.05)	0.001	0.531	-0.004	0.024	0.869	-3.93e-03 (-0.05, 0.04)	0.007	0.024	0.773	0.01 (-0.04, 0.05)
Q02487	DSC2	OID21079	192	0.015	0.014	0.279	0.01 (-0.01, 0.04)	0.647	5.40E-05	-0.011	0.026	0.672	-0.01 (-0.06, 0.04)	0.002	0.253	-0.017	0.022	0.441	-0.02 (-0.06, 0.03)	-0.014	0.023	0.543	-0.01 (-0.06, 0.03)
Q02643	GHRHR	OID20841	192	0.013	0.012	0.280	0.01 (-0.01, 0.04)	0.647	0.912	0.022	0.023	0.349	0.02 (-0.02, 0.07)	-0.001	0.657	0.005	0.024	0.837	0.01 (-0.04, 0.05)	-0.013	0.024	0.599	-0.01 (-0.06, 0.03)
Q6PI73	LILRA6	OID30346	192	0.009	0.009	0.279	0.01 (-0.01, 0.03)	0.647	0.330	-0.013	0.017	0.438	-0.01 (-0.05, 0.02)	0.001	0.122	-0.010	0.017	0.556	-0.01 (-0.04, 0.02)	-0.010	0.018	0.560	-0.01 (-0.05, 0.02)
O00221	NFKBIE	OID21212	192	0.015	0.014	0.281	0.01 (-0.01, 0.04)	0.648	0.001	0.013	0.027	0.627	0.01 (-0.04, 0.07)	0.000	0.936	0.020	0.025	0.435	0.02 (-0.03, 0.07)	0.010	0.025	0.682	0.01 (-0.04, 0.06)
O15294	OGT	OID31300	192	0.013	0.012	0.281	0.01 (-0.01, 0.04)	0.649	0.475	0.025	0.023	0.289	0.02 (-0.02, 0.07)	-0.001	0.553	0.002	0.024	0.938	1.86e-03 (-0.05, 0.05)	0.000	0.024	0.993	-2.29e-04 (-0.05, 0.05)
O43504	LAMTOR5	OID31396	192	-0.014	0.013	0.282	-0.01 (-0.04, 0.01)	0.649	0.031	-0.039	0.025	0.119	-0.04 (-0.09, 0.01)	0.002	0.241	-0.052	0.022	0.021	-0.05 (-0.10, -0.01)	-0.050	0.023	0.034	-0.05 (-0.10, -4.18e-03)
Q07654	TFF3	OID20371	192	0.014	0.013	0.282	0.01 (-0.01, 0.04)	0.649	3.28E-04	0.018	0.026	0.474	0.02 (-0.03, 0.07)	0.000	0.850	0.027	0.023	0.253	0.03 (-0.02, 0.07)	0.020	0.025	0.419	0.02 (-0.03, 0.07)
P08670	VIM	OID20053	192	0.013	0.012	0.282	0.01 (-0.01, 0.04)	0.649	0.831	-0.010	0.023	0.670	-0.01 (-0.06, 0.04)	0.001	0.253	0.009	0.024	0.714	0.01 (-0.04, 0.06)	0.006	0.024	0.798	0.01 (-0.04, 0.05)
O14786	NRP1	OID20390	192	0.016	0.015	0.283	0.02 (-0.01, 0.05)	0.650	6.15E-10	-0.012	0.029	0.684	-0.01 (-0.07, 0.05)	0.002	0.265	-0.013	0.023	0.581	-0.01 (-0.06, 0.03)	-0.015	0.024	0.523	-0.02 (-0.06, 0.03)
O75781	PALM	OID31515	192	-0.024	0.022	0.282	-0.02 (-0.07, 0.02)	0.650	9.47E-62	-0.112	0.042	0.009	-0.11 (-0.19, -0.03)	0.006	0.016	-0.058	0.020	0.005	-0.06 (-0.10, -0.02)	-0.052	0.024	0.031	-0.05 (-0.10, -0.01)
P49223	SPINT3	OID31509	192	-0.008	0.007	0.283	-0.01 (-0.02, 0.01)	0.650	0.464	0.013	0.014	0.374	0.01 (-0.02, 0.04)	-0.001	0.093	-0.011	0.014	0.428	-0.01 (-0.04, 0.02)	-0.008	0.014	0.595	-0.01 (-0.04, 0.02)
Q9UMS0	NFU1	OID31510	192	-0.015	0.014	0.283	-0.01 (-0.04, 0.01)	0.650	0.001	-0.018	0.027	0.509	-0.02 (-0.07, 0.03)	0.000	0.899	-0.036	0.023	0.108	-0.04 (-0.08, 0.01)	-0.026	0.021	0.232	-0.03 (-0.07, 0.02)
O43291	SPINT2	OID20720	192	-0.016	0.015	0.284	-0.02 (-0.05, 0.01)	0.651	2.14E-09	-0.017	0.029	0.557	-0.02 (-0.07, 0.04)	0.000	0.966	-0.019	0.024	0.429	-0.02 (-0.06, 0.03)	-0.011	0.023	0.631	-0.01 (-0.06, 0.03)
P03956	MMP1	OID20672	192	-0.014	0.013	0.285	-0.01 (-0.04, 0.01)	0.653	4.43E-05	-0.039	0.025	0.122	-0.04 (-0.09, 0.01)	0.002	0.244	-0.016	0.023	0.499	-0.02 (-0.06, 0.03)	-0.008	0.021	0.714	-0.01 (-0.05, 0.03)
P49593	PPM1F	OID30350	192	-0.014	0.014	0.285	-0.01 (-0.04, 0.01)	0.653	0.001	-0.013	0.026	0.618	-0.01 (-0.06, 0.04)	0.000	0.953	-0.007	0.024	0.773	-0.01 (-0.05, 0.04)	-0.021	0.022	0.348	-0.02 (-0.06, 0.02)
Q9BUH6	PAXX	OID30591	192	0.014	0.013	0.286	0.01 (-0.01, 0.04)	0.654	0.002	-0.014	0.026	0.592	-0.01 (-0.06, 0.04)	0.002	0.205	-0.001	0.024	0.951	-1.48e-03 (-0.05, 0.05)	-0.008	0.023	0.720	-0.01 (-0.05, 0.04)
P23560	BDNF	OID30373	192	-0.017	0.016	0.287	-0.02 (-0.05, 0.01)	0.655	9.58E-11	-0.020	0.030	0.509	-0.02 (-0.08, 0.04)	0.000	0.896	-0.017	0.023	0.456	-0.02 (-0.06, 0.03)	-0.012	0.023	0.606	-0.01 (-0.06, 0.03)
O00186	STXBP3	OID21240	192	0.014	0.013	0.286	0.01 (-0.01, 0.04)	0.655	0.013	0.013	0.026	0.618	0.01 (-0.04, 0.06)	0.000	0.954	0.000	0.025	0.987	4.02e-04 (-0.05, 0.05)	0.011	0.026	0.683	0.01 (-0.04, 0.06)
P54274	TERF1	OID30480	192	-0.013	0.012	0.286	-0.01 (-0.04, 0.01)	0.655	0.518	-0.018	0.023	0.442	-0.02 (-0.06, 0.03)	0.000	0.798	-0.037	0.023	0.116	-0.04 (-0.08, 0.01)	-0.033	0.025	0.203	-0.03 (-0.08, 0.02)
P01037	CST1	OID30581	192	-0.014	0.013	0.287	-0.01 (-0.04, 0.01)	0.656	0.001	0.044	0.025	0.072	0.04 (-3.64e-03, 0.09)	-0.004	0.006	-0.007	0.024	0.780	-0.01 (-0.05, 0.04)	0.002	0.023	0.923	2.21e-03 (-0.04, 0.05)
Q9Y3D6	FIS1	OID20722	192	-0.014	0.014	0.287	-0.01 (-0.04, 0.01)	0.656	0.001	-0.007	0.026	0.804	-0.01 (-0.06, 0.04)	0.000	0.728	-0.008	0.024	0.747	-0.01 (-0.05, 0.04)	-0.027	0.021	0.210	-0.03 (-0.07, 0.01)
P78395	PRAME	OID31165	192	0.013	0.012	0.288	0.01 (-0.01, 0.04)	0.656	0.991	-0.002	0.024	0.921	-2.33e-03 (-0.05, 0.04)	0.001	0.450	0.008	0.021	0.705	0.01 (-0.03, 0.05)	0.001	0.024	0.962	1.14e-03 (-0.05, 0.05)
P27918	CFP	OID30784	192	0.015	0.014	0.288	0.01 (-0.01, 0.04)	0.656	4.94E-06	-0.022	0.027	0.409	-0.02 (-0.07, 0.03)	0.002	0.109	-0.009	0.022	0.683	-0.01 (-0.05, 0.03)	0.004	0.020	0.857	3.68e-03 (-0.04, 0.04)
P28827	PTPRM	OID20598	192	0.021	0.020	0.289	0.02 (-0.02, 0.06)	0.657	9.42E-60	0.015	0.038	0.696	0.01 (-0.06, 0.09)	0.000	0.856	0.013	0.016	0.423	0.01 (-0.02, 0.04)	0.003	0.020	0.879	3.10e-03 (-0.04, 0.04)
Q8NI17	IL31RA	OID30475	192	-0.012	0.011	0.290	-0.01 (-0.03, 0.01)	0.658	0.036	-0.004	0.022	0.853	-4.07e-03 (-0.05, 0.04)	0.000	0.674	-0.024	0.021	0.270	-0.02 (-0.07, 0.02)	-0.024	0.022	0.264	-0.02 (-0.07, 0.02)
O60662	KLHL41	OID30986	192	0.013	0.013	0.290	0.01 (-0.01, 0.04)	0.658	0.042	-0.017	0.024	0.480	-0.02 (-0.07, 0.03)	0.002	0.144	-0.013	0.023	0.569	-0.01 (-0.06, 0.03)	-0.013	0.026	0.620	-0.01 (-0.06, 0.04)
P19075	TSPAN8	OID31470	192	0.040	0.038	0.290	0.04 (-0.03, 0.11)	0.658	0.00E+00	-0.023	0.073	0.748	-0.02 (-0.17, 0.12)	0.004	0.312	-0.005	0.023	0.833	-4.86e-03 (-0.05, 0.04)	-0.002	0.024	0.918	-2.49e-03 (-0.05, 0.04)
Q9Y3E2	BOLA1	OID30837	192	0.015	0.014	0.291	0.01 (-0.01, 0.04)	0.660	5.35E-05	0.014	0.027	0.604	0.01 (-0.04, 0.07)	0.000	0.978	-0.009	0.022	0.677	-0.01 (-0.05, 0.03)	0.002	0.023	0.933	1.91e-03 (-0.04, 0.05)
Q13087	PDIA2	OID31214	192	0.013	0.012	0.291	0.01 (-0.01, 0.04)	0.661	0.231	-0.004	0.024	0.876	-3.81e-03 (-0.05, 0.04)	0.001	0.428	0.002	0.025	0.932	2.13e-03 (-0.05, 0.05)	0.027	0.026	0.290	0.03 (-0.02, 0.08)
P98160	HSPG2	OID20383	192	-0.015	0.014	0.292	-0.02 (-0.04, 0.01)	0.661	7.09E-07	-0.107	0.027	8.79E-05	-0.11 (-0.16, -0.05)	0.006	8.39E-05	-0.070	0.020	3.88E-04	-0.07 (-0.11, -0.03)	-0.069	0.022	0.002	-0.07 (-0.11, -0.03)
Q9Y2B0	CNPY2	OID20069	192	-0.013	0.012	0.292	-0.01 (-0.04, 0.01)	0.662	0.494	-0.032	0.023	0.169	-0.03 (-0.08, 0.01)	0.001	0.329	0.001	0.022	0.959	1.13e-03 (-0.04, 0.04)	0.003	0.025	0.892	3.41e-03 (-0.05, 0.05)
P01033	TIMP1	OID20418	192	0.015	0.014	0.293	0.01 (-0.01, 0.04)	0.662	1.20E-05	-0.045	0.027	0.094	-0.05 (-0.10, 0.01)	0.004	0.010	-0.012	0.023	0.602	-0.01 (-0.06, 0.03)	-0.004	0.022	0.842	-4.31e-03 (-0.05, 0.04)
Q9NPJ3	ACOT13	OID31522	192	-0.014	0.014	0.294	-0.01 (-0.04, 0.01)	0.665	0.001	-0.019	0.027	0.483	-0.02 (-0.07, 0.03)	0.000	0.850	-0.034	0.023	0.149	-0.03 (-0.08, 0.01)	-0.033	0.023	0.153	-0.03 (-0.08, 0.01)
Q8WW22	DNAJA4	OID31130	192	0.012	0.011	0.295	0.01 (-0.01, 0.03)	0.666	0.605	0.021	0.022	0.345	0.02 (-0.02, 0.06)	-0.001	0.636	0.013	0.022	0.552	0.01 (-0.03, 0.06)	0.023	0.022	0.297	0.02 (-0.02, 0.07)
Q8N608	DPP10	OID20527	192	0.016	0.016	0.296	0.02 (-0.01, 0.05)	0.666	1.58E-12	0.049	0.030	0.103	0.05 (-0.01, 0.11)	-0.002	0.201	0.024	0.025	0.327	0.02 (-0.02, 0.07)	0.024	0.025	0.343	0.02 (-0.02, 0.07)
Q9UHF1	EGFL7	OID21252	192	0.015	0.015	0.296	0.02 (-0.01, 0.04)	0.666	1.41E-08	-0.019	0.029	0.513	-0.02 (-0.07, 0.04)	0.002	0.164	0.006	0.023	0.801	0.01 (-0.04, 0.05)	0.001	0.021	0.948	1.36e-03 (-0.04, 0.04)
P15248	IL9	OID31298	192	0.013	0.012	0.296	0.01 (-0.01, 0.04)	0.666	0.253	0.016	0.024	0.519	0.02 (-0.03, 0.06)	0.000	0.884	0.022	0.022	0.323	0.02 (-0.02, 0.07)	0.021	0.025	0.402	0.02 (-0.03, 0.07)
Q03721	KCNC4	OID30813	192	0.013	0.012	0.296	0.01 (-0.01, 0.04)	0.666	0.673	0.009	0.023	0.707	0.01 (-0.04, 0.05)	0.000	0.849	0.039	0.022	0.078	0.04 (-4.36e-03, 0.08)	0.030	0.024	0.210	0.03 (-0.02, 0.08)
Q00653	NFKB2	OID31258	192	0.013	0.012	0.296	0.01 (-0.01, 0.04)	0.666	0.506	0.030	0.023	0.199	0.03 (-0.02, 0.08)	-0.001	0.383	0.022	0.025	0.365	0.02 (-0.03, 0.07)	0.027	0.024	0.254	0.03 (-0.02, 0.07)
O94903	PLPBP	OID20144	192	-0.012	0.012	0.295	-0.01 (-0.04, 0.01)	0.666	0.062	-0.008	0.024	0.742	-0.01 (-0.06, 0.04)	0.000	0.842	-0.019	0.023	0.393	-0.02 (-0.06, 0.02)	-0.024	0.023	0.306	-0.02 (-0.07, 0.02)
O00422	SAP18	OID31323	192	0.013	0.012	0.297	0.01 (-0.01, 0.04)	0.666	0.970	0.017	0.023	0.454	0.02 (-0.03, 0.06)	0.000	0.806	-0.005	0.023	0.818	-0.01 (-0.05, 0.04)	-0.002	0.026	0.931	-2.25e-03 (-0.05, 0.05)
Q9UH65	SWAP70	OID31477	192	0.012	0.012	0.295	0.01 (-0.01, 0.04)	0.666	0.063	-0.013	0.025	0.601	-0.01 (-0.06, 0.04)	0.002	0.232	-0.008	0.024	0.753	-0.01 (-0.05, 0.04)	-0.004	0.024	0.872	-3.94e-03 (-0.05, 0.04)
P01138	NGF	OID20920	192	0.013	0.012	0.297	0.01 (-0.01, 0.04)	0.666	0.350	0.035	0.024	0.146	0.03 (-0.01, 0.08)	-0.001	0.278	0.019	0.025	0.444	0.02 (-0.03, 0.07)	0.022	0.025	0.380	0.02 (-0.03, 0.07)
Q3B7J2	GFOD2	OID21216	192	0.013	0.012	0.298	0.01 (-0.01, 0.04)	0.667	0.440	0.013	0.024	0.570	0.01 (-0.03, 0.06)	0.000	0.967	-0.002	0.022	0.943	-1.59e-03 (-0.04, 0.04)	0.013	0.023	0.576	0.01 (-0.03, 0.06)
P13598	ICAM2	OID20248	192	-0.046	0.045	0.298	-0.05 (-0.13, 0.04)	0.667	0.00E+00	-0.023	0.086	0.787	-0.02 (-0.19, 0.15)	-0.001	0.753	-0.018	0.016	0.271	-0.02 (-0.05, 0.01)	-0.004	0.018	0.802	-4.47e-03 (-0.04, 0.03)
O43665	RGS10	OID30999	192	-0.014	0.013	0.300	-0.01 (-0.04, 0.01)	0.672	0.006	-0.015	0.026	0.562	-0.02 (-0.07, 0.04)	0.000	0.956	-0.019	0.024	0.435	-0.02 (-0.07, 0.03)	-0.017	0.021	0.417	-0.02 (-0.06, 0.02)
P04196	HRG	OID30770	192	0.013	0.012	0.301	0.01 (-0.01, 0.04)	0.672	0.006	0.009	0.024	0.703	0.01 (-0.04, 0.06)	0.000	0.859	0.017	0.022	0.436	0.02 (-0.03, 0.06)	0.006	0.021	0.789	0.01 (-0.04, 0.05)
O75695	RP2	OID21302	192	-0.017	0.017	0.301	-0.02 (-0.05, 0.02)	0.672	2.11E-15	-0.048	0.033	0.145	-0.05 (-0.11, 0.02)	0.002	0.280	-0.030	0.023	0.191	-0.03 (-0.08, 0.02)	-0.027	0.026	0.296	-0.03 (-0.08, 0.02)
P55283	CDH4	OID30875	192	0.013	0.012	0.302	0.01 (-0.01, 0.04)	0.673	0.414	0.006	0.024	0.817	0.01 (-0.04, 0.05)	0.000	0.731	0.011	0.026	0.667	0.01 (-0.04, 0.06)	0.017	0.024	0.466	0.02 (-0.03, 0.06)
P02749	APOH	OID21072	192	0.012	0.012	0.302	0.01 (-0.01, 0.04)	0.674	0.031	0.010	0.023	0.670	0.01 (-0.03, 0.05)	0.000	0.902	-0.016	0.021	0.439	-0.02 (-0.06, 0.02)	-0.009	0.022	0.671	-0.01 (-0.05, 0.03)
A6NI73	LILRA5	OID20209	192	0.015	0.015	0.303	0.02 (-0.01, 0.04)	0.674	6.06E-11	-0.025	0.029	0.387	-0.03 (-0.08, 0.03)	0.003	0.104	-0.006	0.024	0.787	-0.01 (-0.05, 0.04)	-0.003	0.023	0.899	-2.99e-03 (-0.05, 0.04)
Q92859	NEO1	OID31066	192	-0.012	0.012	0.302	-0.01 (-0.04, 0.01)	0.674	0.218	0.019	0.024	0.431	0.02 (-0.03, 0.06)	-0.002	0.130	0.012	0.022	0.583	0.01 (-0.03, 0.05)	-0.003	0.023	0.893	-3.15e-03 (-0.05, 0.04)
Q9H2G2	SLK	OID31282	192	0.014	0.013	0.302	0.01 (-0.01, 0.04)	0.674	0.016	0.004	0.026	0.870	4.26e-03 (-0.05, 0.06)	0.001	0.669	-0.002	0.024	0.948	-1.58e-03 (-0.05, 0.05)	-0.003	0.023	0.886	-3.37e-03 (-0.05, 0.04)
O15400	STX7	OID30560	192	0.013	0.012	0.303	0.01 (-0.01, 0.04)	0.674	3.44E-04	-0.004	0.024	0.852	-4.48e-03 (-0.05, 0.04)	0.001	0.402	-0.004	0.021	0.855	-3.90e-03 (-0.05, 0.04)	-0.005	0.020	0.807	-4.98e-03 (-0.04, 0.03)
P53985	SLC16A1	OID20799	192	0.017	0.017	0.303	0.02 (-0.02, 0.05)	0.674	4.71E-14	0.021	0.033	0.516	0.02 (-0.04, 0.08)	0.000	0.889	0.008	0.026	0.746	0.01 (-0.04, 0.06)	0.005	0.026	0.841	0.01 (-0.05, 0.06)
P03951	F11	OID30773	192	0.013	0.013	0.304	0.01 (-0.01, 0.04)	0.675	3.39E-06	-0.027	0.024	0.270	-0.03 (-0.08, 0.02)	0.003	0.056	-0.006	0.022	0.783	-0.01 (-0.05, 0.04)	-0.014	0.022	0.510	-0.01 (-0.06, 0.03)
Q15814	TBCC	OID20942	192	-0.014	0.014	0.305	-0.01 (-0.04, 0.01)	0.677	0.002	-0.007	0.026	0.803	-0.01 (-0.06, 0.05)	0.000	0.746	-0.007	0.023	0.766	-0.01 (-0.05, 0.04)	-0.023	0.024	0.349	-0.02 (-0.07, 0.02)
O95825	CRYZL1	OID30272	192	-0.014	0.014	0.306	-0.01 (-0.04, 0.01)	0.678	1.78E-04	-0.017	0.027	0.538	-0.02 (-0.07, 0.04)	0.000	0.917	-0.016	0.025	0.521	-0.02 (-0.06, 0.03)	-0.027	0.025	0.286	-0.03 (-0.08, 0.02)
P02144	MB	OID20263	192	0.013	0.013	0.306	0.01 (-0.01, 0.04)	0.678	9.79E-09	-0.055	0.025	0.028	-0.06 (-0.10, -0.01)	0.004	0.002	-0.033	0.018	0.068	-0.03 (-0.07, 2.35e-03)	-0.035	0.020	0.082	-0.03 (-0.07, 4.16e-03)
Q99685	MGLL	OID20711	192	-0.014	0.013	0.306	-0.01 (-0.04, 0.01)	0.678	0.005	-0.016	0.026	0.540	-0.02 (-0.07, 0.03)	0.000	0.919	-0.005	0.024	0.844	-4.73e-03 (-0.05, 0.04)	-0.025	0.024	0.287	-0.03 (-0.07, 0.02)
P47712	PLA2G4A	OID20685	192	-0.013	0.013	0.306	-0.01 (-0.04, 0.01)	0.678	0.017	-0.010	0.025	0.695	-0.01 (-0.06, 0.04)	0.000	0.876	-0.006	0.024	0.795	-0.01 (-0.05, 0.04)	-0.022	0.023	0.349	-0.02 (-0.07, 0.02)
P02458	COL2A1	OID30286	192	-0.014	0.014	0.307	-0.01 (-0.04, 0.01)	0.679	6.27E-13	-0.001	0.027	0.977	-7.74e-04 (-0.05, 0.05)	-0.001	0.562	-0.024	0.019	0.205	-0.02 (-0.06, 0.01)	-0.019	0.019	0.326	-0.02 (-0.06, 0.02)
Q96PE7	MCEE	OID31033	192	-0.012	0.012	0.308	-0.01 (-0.04, 0.01)	0.679	0.135	0.008	0.024	0.750	0.01 (-0.04, 0.06)	-0.001	0.341	0.002	0.026	0.945	1.76e-03 (-0.05, 0.05)	0.011	0.026	0.683	0.01 (-0.04, 0.06)
P00736	C1R	OID30753	192	0.013	0.013	0.308	0.01 (-0.01, 0.04)	0.679	0.009	-0.021	0.025	0.405	-0.02 (-0.07, 0.03)	0.002	0.113	-0.019	0.022	0.392	-0.02 (-0.06, 0.02)	-0.008	0.026	0.747	-0.01 (-0.06, 0.04)
P10145	CXCL8	OID20153	192	0.015	0.015	0.308	0.02 (-0.01, 0.04)	0.679	1.36E-08	0.029	0.029	0.326	0.03 (-0.03, 0.09)	-0.001	0.592	0.028	0.023	0.236	0.03 (-0.02, 0.07)	0.033	0.022	0.149	0.03 (-0.01, 0.08)
P61218	POLR2F	OID21283	192	0.013	0.013	0.308	0.01 (-0.01, 0.04)	0.679	0.035	-0.034	0.024	0.161	-0.03 (-0.08, 0.01)	0.003	0.025	-0.034	0.020	0.091	-0.03 (-0.07, 0.01)	-0.044	0.024	0.072	-0.04 (-0.09, 3.61e-03)
O14523	C2CD2L	OID20864	192	0.012	0.012	0.309	0.01 (-0.01, 0.04)	0.680	0.185	-0.002	0.024	0.935	-2.00e-03 (-0.05, 0.05)	0.001	0.496	0.027	0.021	0.207	0.03 (-0.01, 0.07)	0.014	0.023	0.535	0.01 (-0.03, 0.06)
P40121	CAPG	OID21431	192	0.010	0.010	0.309	0.01 (-0.01, 0.03)	0.680	0.004	-0.016	0.020	0.419	-0.02 (-0.06, 0.02)	0.002	0.120	-0.010	0.017	0.576	-0.01 (-0.04, 0.02)	0.001	0.017	0.974	5.46e-04 (-0.03, 0.03)
Q8WV28	BLNK	OID30541	192	0.014	0.014	0.310	0.01 (-0.01, 0.04)	0.681	0.001	-0.002	0.027	0.946	-1.83e-03 (-0.05, 0.05)	0.001	0.491	0.018	0.026	0.486	0.02 (-0.03, 0.07)	0.009	0.025	0.713	0.01 (-0.04, 0.06)
P36551	CPOX	OID30495	192	-0.012	0.012	0.310	-0.01 (-0.04, 0.01)	0.681	0.668	-0.004	0.023	0.875	-3.63e-03 (-0.05, 0.04)	-0.001	0.670	-0.006	0.024	0.811	-0.01 (-0.05, 0.04)	-0.019	0.024	0.435	-0.02 (-0.07, 0.03)
P52179	MYOM1	OID30834	192	0.012	0.012	0.310	0.01 (-0.01, 0.04)	0.681	0.452	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	0.002	0.080	-0.019	0.023	0.415	-0.02 (-0.06, 0.03)	-0.007	0.024	0.783	-0.01 (-0.05, 0.04)
Q9HC56	PCDH9	OID31516	192	0.017	0.017	0.310	0.02 (-0.02, 0.05)	0.681	1.19E-20	0.015	0.032	0.643	0.02 (-0.05, 0.08)	0.000	0.946	0.019	0.018	0.295	0.02 (-0.02, 0.06)	-0.022	0.026	0.408	-0.02 (-0.07, 0.03)
Q14112	NID2	OID21085	66	-0.026	0.025	0.310	-0.03 (-0.08, 0.02)	0.681	1.51E-09	-0.012	0.041	0.766	-0.01 (-0.09, 0.07)	-0.001	0.686	-0.019	0.025	0.465	-0.02 (-0.07, 0.03)	-0.022	0.023	0.353	-0.02 (-0.07, 0.02)
Q6UY09	CEACAM20	OID31308	192	0.019	0.019	0.311	0.02 (-0.02, 0.06)	0.681	4.77E-28	0.044	0.037	0.229	0.04 (-0.03, 0.12)	-0.002	0.425	0.056	0.021	0.009	0.06 (0.01, 0.10)	0.044	0.027	0.103	0.04 (-0.01, 0.10)
O95166	GABARAP	OID31414	192	0.012	0.012	0.312	0.01 (-0.01, 0.04)	0.681	0.057	-0.012	0.025	0.616	-0.01 (-0.06, 0.04)	0.002	0.251	0.002	0.027	0.934	2.22e-03 (-0.05, 0.05)	0.001	0.025	0.954	1.44e-03 (-0.05, 0.05)
P11226	MBL2	OID30759	192	0.030	0.030	0.311	0.03 (-0.03, 0.09)	0.681	0.00E+00	0.010	0.063	0.869	0.01 (-0.11, 0.13)	0.001	0.723	0.003	0.014	0.810	3.47e-03 (-0.02, 0.03)	0.004	0.018	0.840	3.62e-03 (-0.03, 0.04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q92484	SMPDL3A	OID20676	192	0.021	0.021	0.312	0.02 (-0.02, 0.06)	0.681	6.72E-89	0.062	0.040	0.117	0.06 (-0.02, 0.14)	-0.003	0.221	0.037	0.019	0.049	0.04 (1.89e-04, 0.07)	0.038	0.019	0.044	0.04 (1.20e-03, 0.07)
O14717	TRDMT1	OID31335	192	-0.012	0.012	0.311	-0.01 (-0.04, 0.01)	0.681	0.529	-0.013	0.023	0.575	-0.01 (-0.06, 0.03)	0.000	0.963	-0.006	0.024	0.811	-0.01 (-0.05, 0.04)	-0.003	0.022	0.875	-3.45e-03 (-0.05, 0.04)
Q9UJ72	ANXA10	OID20886	192	0.012	0.012	0.312	0.01 (-0.01, 0.04)	0.681	0.087	-0.013	0.024	0.595	-0.01 (-0.06, 0.03)	0.002	0.234	-0.001	0.024	0.981	-5.74e-04 (-0.05, 0.05)	0.006	0.022	0.794	0.01 (-0.04, 0.05)
P60880	SNAP25	OID30811	192	-0.051	0.051	0.312	-0.05 (-0.15, 0.05)	0.681	0.00E+00	-0.061	0.098	0.538	-0.06 (-0.25, 0.13)	0.001	0.910	-0.003	0.024	0.907	-2.77e-03 (-0.05, 0.04)	-0.007	0.023	0.746	-0.01 (-0.05, 0.04)
Q92783	STAM	OID31425	192	-0.013	0.013	0.312	-0.01 (-0.04, 0.01)	0.681	0.039	-0.030	0.025	0.226	-0.03 (-0.08, 0.02)	0.001	0.418	-0.035	0.023	0.134	-0.03 (-0.08, 0.01)	-0.021	0.024	0.367	-0.02 (-0.07, 0.03)
O60603	TLR2	OID31290	192	0.013	0.013	0.313	0.01 (-0.01, 0.04)	0.682	0.035	0.046	0.025	0.072	0.05 (-3.82e-03, 0.10)	-0.002	0.134	0.036	0.024	0.136	0.04 (-0.01, 0.08)	0.036	0.023	0.125	0.04 (-0.01, 0.08)
P78540	ARG2	OID31339	192	0.012	0.012	0.314	0.01 (-0.01, 0.04)	0.683	0.232	0.012	0.024	0.605	0.01 (-0.03, 0.06)	0.000	0.984	0.008	0.025	0.759	0.01 (-0.04, 0.06)	0.005	0.023	0.823	0.01 (-0.04, 0.05)
Q9Y5Y7	LYVE1	OID30728	192	0.015	0.015	0.314	0.01 (-0.01, 0.04)	0.683	4.18E-08	-0.030	0.028	0.293	-0.03 (-0.08, 0.03)	0.003	0.067	-0.030	0.020	0.119	-0.03 (-0.07, 0.01)	-0.042	0.024	0.084	-0.04 (-0.09, 0.01)
Q9BU02	THTPA	OID31375	192	-0.014	0.014	0.315	-0.01 (-0.04, 0.01)	0.683	1.86E-04	-0.007	0.026	0.803	-0.01 (-0.06, 0.05)	0.000	0.754	-0.017	0.024	0.492	-0.02 (-0.06, 0.03)	-0.029	0.024	0.228	-0.03 (-0.08, 0.02)
Q9H7M9	VSIR	OID20131	192	-0.012	0.012	0.314	-0.01 (-0.03, 0.01)	0.683	0.059	-0.014	0.024	0.572	-0.01 (-0.06, 0.03)	0.000	0.917	0.010	0.022	0.641	0.01 (-0.03, 0.05)	0.007	0.025	0.762	0.01 (-0.04, 0.06)
Q9BSG5	RTBDN	OID21343	192	-0.017	0.017	0.315	-0.02 (-0.05, 0.02)	0.683	5.09E-16	0.039	0.032	0.226	0.04 (-0.02, 0.10)	-0.003	0.044	-0.020	0.023	0.378	-0.02 (-0.06, 0.02)	-0.019	0.022	0.387	-0.02 (-0.06, 0.02)
Q14457	BECN1	OID30220	192	0.012	0.012	0.316	0.01 (-0.01, 0.03)	0.684	0.077	-0.005	0.024	0.827	-0.01 (-0.05, 0.04)	0.001	0.414	-0.005	0.023	0.836	-4.77e-03 (-0.05, 0.04)	-0.002	0.023	0.913	-2.49e-03 (-0.05, 0.04)
Q10589	BST2	OID21029	192	0.019	0.019	0.316	0.02 (-0.02, 0.06)	0.684	5.38E-31	-0.039	0.036	0.286	-0.04 (-0.11, 0.03)	0.004	0.065	0.023	0.023	0.315	0.02 (-0.02, 0.07)	0.013	0.022	0.567	0.01 (-0.03, 0.06)
P07332	FES	OID21207	192	-0.013	0.013	0.316	-0.01 (-0.04, 0.01)	0.684	0.033	-0.015	0.025	0.553	-0.02 (-0.06, 0.03)	0.000	0.929	-0.015	0.025	0.544	-0.02 (-0.06, 0.03)	-0.017	0.024	0.482	-0.02 (-0.06, 0.03)
P09466	PAEP	OID20925	192	-0.010	0.010	0.316	-0.01 (-0.03, 0.01)	0.684	0.029	-0.025	0.019	0.183	-0.02 (-0.06, 0.01)	0.001	0.341	-0.028	0.017	0.096	-0.03 (-0.06, 0.01)	-0.027	0.017	0.122	-0.03 (-0.06, 0.01)
Q9H7Z7	PTGES2	OID30561	192	0.013	0.013	0.317	0.01 (-0.01, 0.04)	0.684	0.026	-0.017	0.025	0.515	-0.02 (-0.07, 0.03)	0.002	0.173	-0.015	0.023	0.522	-0.01 (-0.06, 0.03)	-0.007	0.024	0.764	-0.01 (-0.06, 0.04)
P29350	PTPN6	OID20717	192	-0.012	0.012	0.317	-0.01 (-0.03, 0.01)	0.684	0.073	-0.003	0.025	0.888	-3.48e-03 (-0.05, 0.04)	-0.001	0.693	-0.010	0.025	0.694	-0.01 (-0.06, 0.04)	-0.016	0.025	0.519	-0.02 (-0.06, 0.03)
P30740	SERPINB1	OID21088	192	-0.013	0.013	0.317	-0.01 (-0.04, 0.01)	0.684	0.028	-0.018	0.025	0.470	-0.02 (-0.07, 0.03)	0.000	0.808	-0.011	0.023	0.626	-0.01 (-0.06, 0.03)	-0.018	0.024	0.448	-0.02 (-0.07, 0.03)
Q9NPH0	ACP6	OID21432	192	-0.009	0.009	0.318	-0.01 (-0.03, 0.01)	0.685	0.001	-0.011	0.017	0.547	-0.01 (-0.04, 0.02)	0.000	0.920	-0.003	0.014	0.846	-2.74e-03 (-0.03, 0.02)	-0.001	0.014	0.961	-6.88e-04 (-0.03, 0.03)
O77932	DXO	OID31080	192	-0.016	0.016	0.318	-0.02 (-0.05, 0.02)	0.685	2.70E-17	-0.017	0.032	0.600	-0.02 (-0.08, 0.05)	0.000	0.989	-0.003	0.024	0.896	-3.15e-03 (-0.05, 0.04)	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)
Q6UW88	EPGN	OID31373	192	0.012	0.012	0.319	0.01 (-0.01, 0.04)	0.685	0.770	-0.005	0.023	0.834	-4.85e-03 (-0.05, 0.04)	0.001	0.399	-0.003	0.021	0.870	-3.42e-03 (-0.04, 0.04)	-0.021	0.026	0.421	-0.02 (-0.07, 0.03)
Q8WUF8	FAM172A	OID30248	192	-0.014	0.014	0.319	-0.01 (-0.04, 0.01)	0.685	0.001	-0.030	0.027	0.257	-0.03 (-0.08, 0.02)	0.001	0.468	-0.018	0.025	0.489	-0.02 (-0.07, 0.03)	-0.023	0.024	0.337	-0.02 (-0.07, 0.02)
Q6ZN66	GBP6	OID30139	192	0.012	0.012	0.319	0.01 (-0.01, 0.04)	0.685	0.131	0.009	0.025	0.729	0.01 (-0.04, 0.06)	0.000	0.871	0.004	0.021	0.832	4.38e-03 (-0.04, 0.04)	-0.008	0.024	0.751	-0.01 (-0.06, 0.04)
O14879	IFIT3	OID31283	192	0.012	0.012	0.318	0.01 (-0.01, 0.04)	0.685	0.082	0.000	0.025	0.998	4.81e-05 (-0.05, 0.05)	0.001	0.577	0.015	0.025	0.566	0.01 (-0.04, 0.06)	0.022	0.026	0.401	0.02 (-0.03, 0.07)
Q8IX19	MCEMP1	OID30501	192	-0.013	0.013	0.318	-0.01 (-0.04, 0.01)	0.685	0.002	-0.012	0.026	0.648	-0.01 (-0.06, 0.04)	0.000	0.947	-0.027	0.024	0.266	-0.03 (-0.07, 0.02)	-0.030	0.023	0.197	-0.03 (-0.07, 0.02)
Q92686	NRGN	OID30674	192	-0.013	0.013	0.319	-0.01 (-0.04, 0.01)	0.685	0.002	-0.018	0.026	0.484	-0.02 (-0.07, 0.03)	0.000	0.826	-0.016	0.024	0.500	-0.02 (-0.06, 0.03)	-0.029	0.023	0.221	-0.03 (-0.07, 0.02)
Q99942	RNF5	OID30218	192	-0.013	0.013	0.318	-0.01 (-0.04, 0.01)	0.685	0.018	-0.018	0.026	0.475	-0.02 (-0.07, 0.03)	0.000	0.815	-0.015	0.026	0.559	-0.01 (-0.06, 0.04)	-0.018	0.024	0.464	-0.02 (-0.07, 0.03)
Q13443	ADAM9	OID31488	192	0.014	0.014	0.321	0.01 (-0.01, 0.04)	0.687	1.19E-06	-0.015	0.028	0.603	-0.01 (-0.07, 0.04)	0.002	0.229	0.002	0.025	0.922	2.46e-03 (-0.05, 0.05)	0.000	0.021	1.000	7.74e-06 (-0.04, 0.04)
Q86WK6	AMIGO1	OID30881	192	0.012	0.012	0.321	0.01 (-0.01, 0.04)	0.687	0.448	0.032	0.024	0.177	0.03 (-0.01, 0.08)	-0.001	0.325	0.040	0.024	0.094	0.04 (-0.01, 0.09)	0.037	0.024	0.119	0.04 (-0.01, 0.08)
P02462	COL4A1	OID20208	192	-0.015	0.015	0.321	-0.02 (-0.04, 0.01)	0.687	3.14E-10	0.022	0.029	0.454	0.02 (-0.04, 0.08)	-0.002	0.142	0.012	0.020	0.542	0.01 (-0.03, 0.05)	0.018	0.023	0.421	0.02 (-0.03, 0.06)
O00602	FCN1	OID30690	192	0.014	0.014	0.322	0.01 (-0.01, 0.04)	0.689	1.70E-07	-0.020	0.027	0.459	-0.02 (-0.07, 0.03)	0.002	0.144	-0.014	0.021	0.503	-0.01 (-0.06, 0.03)	-0.010	0.023	0.661	-0.01 (-0.05, 0.03)
Q8NDC4	MORN4	OID31217	192	-0.012	0.012	0.323	-0.01 (-0.04, 0.01)	0.689	0.066	-0.066	0.025	0.008	-0.07 (-0.12, -0.02)	0.003	0.012	-0.054	0.020	0.008	-0.05 (-0.09, -0.01)	-0.071	0.026	0.008	-0.07 (-0.12, -0.02)
Q9H8Y8	GORASP2	OID31438	192	0.013	0.013	0.323	0.01 (-0.01, 0.04)	0.689	0.011	-0.008	0.026	0.751	-0.01 (-0.06, 0.04)	0.001	0.335	-0.004	0.023	0.859	-4.02e-03 (-0.05, 0.04)	-0.005	0.022	0.837	-4.52e-03 (-0.05, 0.04)
P10145	CXCL8	OID21430	192	0.015	0.015	0.323	0.01 (-0.01, 0.04)	0.690	2.45E-08	0.024	0.029	0.403	0.02 (-0.03, 0.08)	-0.001	0.701	0.022	0.024	0.367	0.02 (-0.03, 0.07)	0.023	0.023	0.317	0.02 (-0.02, 0.07)
Q16820	MEP1B	OID20168	192	0.011	0.011	0.323	0.01 (-0.01, 0.03)	0.690	7.73E-19	-0.004	0.022	0.864	-3.69e-03 (-0.05, 0.04)	0.001	0.427	0.010	0.016	0.541	0.01 (-0.02, 0.04)	-0.006	0.016	0.700	-0.01 (-0.04, 0.03)
Q9H3G5	CPVL	OID21435	192	0.015	0.016	0.324	0.02 (-0.02, 0.05)	0.691	2.72E-34	0.019	0.030	0.538	0.02 (-0.04, 0.08)	0.000	0.900	0.017	0.020	0.380	0.02 (-0.02, 0.06)	0.015	0.018	0.402	0.02 (-0.02, 0.05)
Q02817	MUC2	OID30377	192	0.053	0.054	0.325	0.05 (-0.05, 0.16)	0.691	0.00E+00	0.044	0.105	0.678	0.04 (-0.16, 0.25)	0.001	0.914	0.015	0.021	0.471	0.01 (-0.03, 0.06)	0.004	0.022	0.847	4.17e-03 (-0.04, 0.05)
P35637	FUS	OID21256	192	0.013	0.014	0.325	0.01 (-0.01, 0.04)	0.692	0.002	0.009	0.027	0.733	0.01 (-0.04, 0.06)	0.000	0.848	-0.007	0.025	0.793	-0.01 (-0.06, 0.04)	-0.012	0.025	0.619	-0.01 (-0.06, 0.04)
P09914	IFIT1	OID31310	192	0.014	0.014	0.326	0.01 (-0.01, 0.04)	0.692	0.002	-0.018	0.027	0.491	-0.02 (-0.07, 0.03)	0.002	0.163	0.012	0.025	0.618	0.01 (-0.04, 0.06)	0.014	0.026	0.596	0.01 (-0.04, 0.06)
P80511	S100A12	OID21374	192	0.011	0.011	0.326	0.01 (-0.01, 0.03)	0.692	0.627	0.004	0.022	0.863	3.86e-03 (-0.04, 0.05)	0.000	0.697	-0.001	0.022	0.968	-8.96e-04 (-0.04, 0.04)	0.011	0.023	0.633	0.01 (-0.03, 0.06)
P07093	SERPINE2	OID30359	192	-0.014	0.014	0.326	-0.01 (-0.04, 0.01)	0.692	3.06E-07	-0.029	0.028	0.291	-0.03 (-0.08, 0.02)	0.001	0.519	-0.006	0.024	0.802	-0.01 (-0.05, 0.04)	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)
O43521	BCL2L11	OID20513	192	-0.014	0.015	0.327	-0.01 (-0.04, 0.01)	0.693	1.10E-07	-0.007	0.028	0.797	-0.01 (-0.06, 0.05)	0.000	0.773	-0.010	0.025	0.704	-0.01 (-0.06, 0.04)	-0.020	0.024	0.391	-0.02 (-0.07, 0.03)
Q8IUZ5	PHYKPL	OID30634	192	0.014	0.015	0.327	0.01 (-0.01, 0.04)	0.693	4.28E-06	-0.021	0.028	0.452	-0.02 (-0.08, 0.03)	0.002	0.142	-0.003	0.024	0.911	-2.74e-03 (-0.05, 0.05)	0.000	0.021	0.996	-1.17e-04 (-0.04, 0.04)
P35590	TIE1	OID20303	192	0.040	0.041	0.327	0.04 (-0.04, 0.12)	0.693	0.00E+00	-0.013	0.079	0.867	-0.01 (-0.17, 0.14)	0.003	0.433	0.015	0.023	0.507	0.02 (-0.03, 0.06)	0.001	0.023	0.971	8.63e-04 (-0.05, 0.05)
P09525	ANXA4	OID20123	192	-0.013	0.013	0.333	-0.01 (-0.04, 0.01)	0.694	0.018	0.005	0.025	0.838	0.01 (-0.04, 0.05)	-0.001	0.412	-0.018	0.021	0.396	-0.02 (-0.06, 0.02)	-0.010	0.025	0.709	-0.01 (-0.06, 0.04)
Q8WZ55	BSND	OID31184	192	-0.012	0.012	0.333	-0.01 (-0.04, 0.01)	0.694	0.602	-0.031	0.024	0.194	-0.03 (-0.08, 0.02)	0.001	0.349	-0.002	0.024	0.924	-2.30e-03 (-0.05, 0.05)	0.000	0.024	0.995	-1.36e-04 (-0.05, 0.05)
Q9P1Z2	CALCOCO1	OID21387	192	-0.013	0.013	0.329	-0.01 (-0.04, 0.01)	0.694	0.001	-0.001	0.026	0.977	-7.50e-04 (-0.05, 0.05)	-0.001	0.581	-0.005	0.022	0.828	-4.87e-03 (-0.05, 0.04)	-0.018	0.024	0.438	-0.02 (-0.06, 0.03)
P55773	CCL23	OID20693	192	-0.013	0.013	0.329	-0.01 (-0.04, 0.01)	0.694	3.01E-04	-0.029	0.025	0.251	-0.03 (-0.08, 0.02)	0.001	0.449	-0.006	0.022	0.794	-0.01 (-0.05, 0.04)	-0.003	0.021	0.876	-3.31e-03 (-0.04, 0.04)
P01732	CD8A	OID21018	192	0.018	0.019	0.331	0.02 (-0.02, 0.05)	0.694	1.89E-32	0.020	0.036	0.585	0.02 (-0.05, 0.09)	0.000	0.957	0.019	0.023	0.418	0.02 (-0.03, 0.06)	0.015	0.021	0.487	0.01 (-0.03, 0.06)
Q9BRF8	CPPED1	OID21053	192	0.009	0.010	0.331	0.01 (-0.01, 0.03)	0.694	0.494	-0.003	0.019	0.859	-3.32e-03 (-0.04, 0.03)	0.001	0.428	0.024	0.019	0.198	0.02 (-0.01, 0.06)	0.026	0.018	0.157	0.03 (-0.01, 0.06)
O75534	CSDE1	OID30183	192	0.014	0.015	0.332	0.01 (-0.01, 0.04)	0.694	2.65E-06	0.006	0.029	0.834	0.01 (-0.05, 0.06)	0.001	0.735	-0.018	0.024	0.475	-0.02 (-0.07, 0.03)	-0.024	0.026	0.359	-0.02 (-0.07, 0.03)
P19876	CXCL3	OID20788	192	-0.015	0.016	0.329	-0.02 (-0.05, 0.02)	0.694	3.32E-10	-0.019	0.030	0.540	-0.02 (-0.08, 0.04)	0.000	0.896	-0.025	0.025	0.320	-0.02 (-0.07, 0.02)	-0.045	0.025	0.075	-0.04 (-0.09, 4.22e-03)
Q9UJU6	DBNL	OID20681	192	-0.013	0.013	0.330	-0.01 (-0.04, 0.01)	0.694	0.016	-0.015	0.025	0.554	-0.01 (-0.06, 0.03)	0.000	0.916	-0.007	0.024	0.775	-0.01 (-0.05, 0.04)	-0.020	0.022	0.363	-0.02 (-0.06, 0.02)
P32321	DCTD	OID30657	192	-0.013	0.014	0.329	-0.01 (-0.04, 0.01)	0.694	0.002	-0.018	0.026	0.493	-0.02 (-0.07, 0.03)	0.000	0.830	-0.020	0.024	0.418	-0.02 (-0.07, 0.03)	-0.038	0.023	0.097	-0.04 (-0.08, 0.01)
Q0P6D2	DIPK1C	OID30932	192	-0.012	0.012	0.331	-0.01 (-0.04, 0.01)	0.694	0.209	-0.026	0.024	0.292	-0.03 (-0.07, 0.02)	0.001	0.503	-0.030	0.025	0.223	-0.03 (-0.08, 0.02)	-0.033	0.026	0.199	-0.03 (-0.08, 0.02)
Q99704	DOK1	OID31111	192	-0.013	0.013	0.330	-0.01 (-0.04, 0.01)	0.694	0.007	-0.001	0.026	0.979	-6.71e-04 (-0.05, 0.05)	-0.001	0.580	-0.006	0.022	0.779	-0.01 (-0.05, 0.04)	-0.017	0.024	0.468	-0.02 (-0.06, 0.03)
Q9BUP0	EFHD1	OID31044	192	0.013	0.013	0.333	0.01 (-0.01, 0.04)	0.694	8.38E-05	-0.038	0.025	0.133	-0.04 (-0.09, 0.01)	0.003	0.020	-0.001	0.024	0.951	-1.46e-03 (-0.05, 0.04)	0.008	0.024	0.734	0.01 (-0.04, 0.06)
P63241	EIF5A	OID20423	192	-0.012	0.012	0.333	-0.01 (-0.04, 0.01)	0.694	0.731	-0.029	0.023	0.212	-0.03 (-0.08, 0.02)	0.001	0.381	-0.032	0.023	0.170	-0.03 (-0.08, 0.01)	-0.034	0.025	0.175	-0.03 (-0.08, 0.01)
P17813	ENG	OID20287	192	-0.020	0.021	0.333	-0.02 (-0.06, 0.02)	0.694	8.20E-57	0.006	0.040	0.879	0.01 (-0.07, 0.08)	-0.002	0.448	0.015	0.020	0.457	0.01 (-0.02, 0.05)	0.008	0.024	0.742	0.01 (-0.04, 0.05)
P63211	GNGT1	OID30920	192	0.013	0.013	0.330	0.01 (-0.01, 0.04)	0.694	0.031	-0.010	0.026	0.701	-0.01 (-0.06, 0.04)	0.001	0.301	-0.018	0.020	0.385	-0.02 (-0.06, 0.02)	-0.014	0.023	0.561	-0.01 (-0.06, 0.03)
Q9Y4K4	MAP4K5	OID20899	192	-0.013	0.013	0.328	-0.01 (-0.04, 0.01)	0.694	0.014	-0.016	0.025	0.529	-0.02 (-0.07, 0.03)	0.000	0.882	-0.003	0.023	0.897	-3.01e-03 (-0.05, 0.04)	-0.024	0.024	0.320	-0.02 (-0.07, 0.02)
P80303	NUCB2	OID21448	192	0.012	0.012	0.331	0.01 (-0.01, 0.04)	0.694	0.017	-0.014	0.024	0.558	-0.01 (-0.06, 0.03)	0.002	0.205	0.001	0.023	0.960	1.17e-03 (-0.04, 0.05)	-0.004	0.024	0.868	-4.02e-03 (-0.05, 0.04)
Q9BY49	PECR	OID30228	192	0.014	0.014	0.329	0.01 (-0.01, 0.04)	0.694	0.001	0.003	0.027	0.921	2.66e-03 (-0.05, 0.06)	0.001	0.638	-0.006	0.025	0.814	-0.01 (-0.06, 0.04)	-0.011	0.026	0.675	-0.01 (-0.06, 0.04)
Q04759	PRKCQ	OID20468	192	0.012	0.012	0.330	0.01 (-0.01, 0.04)	0.694	0.143	0.012	0.025	0.640	0.01 (-0.04, 0.06)	0.000	0.994	0.016	0.025	0.532	0.02 (-0.03, 0.07)	0.015	0.024	0.525	0.02 (-0.03, 0.06)
P52630	STAT2	OID30536	192	-0.013	0.013	0.329	-0.01 (-0.04, 0.01)	0.694	0.013	-0.018	0.026	0.488	-0.02 (-0.07, 0.03)	0.000	0.823	-0.015	0.024	0.551	-0.01 (-0.06, 0.03)	-0.022	0.026	0.400	-0.02 (-0.07, 0.03)
O95049	TJP3	OID30798	192	-0.012	0.012	0.332	-0.01 (-0.04, 0.01)	0.694	0.967	0.004	0.023	0.872	3.79e-03 (-0.04, 0.05)	-0.001	0.440	0.014	0.022	0.520	0.01 (-0.03, 0.06)	0.003	0.025	0.907	2.91e-03 (-0.05, 0.05)
Q96RJ3	TNFRSF13C	OID20480	192	0.013	0.013	0.332	0.01 (-0.01, 0.04)	0.694	6.03E-05	-0.004	0.026	0.875	-4.09e-03 (-0.06, 0.05)	0.001	0.443	0.001	0.022	0.979	5.75e-04 (-0.04, 0.04)	-0.005	0.021	0.792	-0.01 (-0.05, 0.03)
Q53FA7	TP53I3	OID30632	192	0.013	0.013	0.333	0.01 (-0.01, 0.04)	0.694	2.46E-04	0.005	0.026	0.860	4.60e-03 (-0.05, 0.06)	0.001	0.707	-0.005	0.022	0.810	-0.01 (-0.05, 0.04)	-0.007	0.022	0.735	-0.01 (-0.05, 0.04)
P50995	ANXA11	OID20583	192	-0.012	0.013	0.336	-0.01 (-0.04, 0.01)	0.695	0.043	0.000	0.025	0.985	4.55e-04 (-0.05, 0.05)	-0.001	0.549	-0.004	0.024	0.877	-3.74e-03 (-0.05, 0.04)	-0.008	0.025	0.734	-0.01 (-0.06, 0.04)
P27352	CBLIF	OID20179	192	0.023	0.023	0.335	0.02 (-0.02, 0.07)	0.695	1.06E-87	0.049	0.046	0.285	0.05 (-0.04, 0.14)	-0.002	0.503	0.065	0.022	0.003	0.07 (0.02, 0.11)	0.056	0.023	0.015	0.06 (0.01, 0.10)
Q99731	CCL19	OID21030	192	0.016	0.017	0.337	0.02 (-0.02, 0.05)	0.695	3.93E-17	-0.038	0.032	0.234	-0.04 (-0.10, 0.02)	0.003	0.050	0.022	0.024	0.356	0.02 (-0.02, 0.07)	0.020	0.023	0.399	0.02 (-0.03, 0.07)
P06127	CD5	OID21449	192	0.014	0.015	0.337	0.01 (-0.01, 0.04)	0.695	5.08E-09	-0.034	0.029	0.234	-0.03 (-0.09, 0.02)	0.003	0.049	-0.024	0.021	0.250	-0.02 (-0.07, 0.02)	-0.025	0.023	0.284	-0.02 (-0.07, 0.02)
P20827	EFNA1	OID21125	192	-0.014	0.014	0.334	-0.01 (-0.04, 0.01)	0.695	4.81E-06	-0.047	0.027	0.083	-0.05 (-0.10, 0.01)	0.002	0.149	-0.029	0.024	0.223	-0.03 (-0.08, 0.02)	-0.037	0.024	0.126	-0.04 (-0.08, 0.01)
P06756	ITGAV	OID21416	192	-0.013	0.014	0.337	-0.01 (-0.04, 0.01)	0.695	1.81E-06	0.006	0.027	0.835	0.01 (-0.05, 0.06)	-0.001	0.412	-0.006	0.024	0.805	-0.01 (-0.05, 0.04)	-0.002	0.025	0.927	-2.25e-03 (-0.05, 0.05)
O95202	LETM1	OID31018	192	0.013	0.013	0.336	0.01 (-0.01, 0.04)	0.695	0.007	0.005	0.026	0.853	4.81e-03 (-0.05, 0.06)	0.001	0.718	-0.002	0.023	0.913	-2.48e-03 (-0.05, 0.04)	-0.005	0.021	0.820	-4.84e-03 (-0.05, 0.04)
Q9ULH4	LRFN2	OID30895	192	0.012	0.012	0.335	0.01 (-0.01, 0.04)	0.695	0.226	0.003	0.024	0.901	3.03e-03 (-0.04, 0.05)	0.001	0.679	0.009	0.026	0.727	0.01 (-0.04, 0.06)	0.021	0.025	0.406	0.02 (-0.03, 0.07)
Q7Z4W2	LYZL2	OID31180	192	-0.010	0.011	0.335	-0.01 (-0.03, 0.01)	0.695	0.860	0.011	0.021	0.612	0.01 (-0.03, 0.05)	-0.001	0.242	-0.021	0.019	0.273	-0.02 (-0.06, 0.02)	-0.024	0.023	0.286	-0.02 (-0.07, 0.02)
O14793	MSTN	OID20115	192	0.014	0.014	0.336	0.01 (-0.01, 0.04)	0.695	2.25E-09	0.007	0.028	0.798	0.01 (-0.05, 0.06)	0.000	0.781	0.001	0.022	0.976	6.65e-04 (-0.04, 0.04)	-0.003	0.023	0.895	-3.00e-03 (-0.05, 0.04)
O75688	PPM1B	OID30548	192	-0.012	0.012	0.335	-0.01 (-0.04, 0.01)	0.695	0.071	0.029	0.025	0.245	0.03 (-0.02, 0.08)	-0.003	0.058	-0.032	0.024	0.181	-0.03 (-0.08, 0.02)	-0.015	0.027	0.568	-0.02 (-0.07, 0.04)
Q9UHD8	SEPTIN9	OID21279	192	-0.011	0.012	0.337	-0.01 (-0.03, 0.01)	0.695	0.414	-0.037	0.023	0.113	-0.04 (-0.08, 0.01)	0.002	0.201	-0.042	0.019	0.030	-0.04 (-0.08, -3.96e-03)	-0.043	0.022	0.050	-0.04 (-0.09, -1.84e-04)
Q07617	SPAG1	OID30979	192	0.011	0.011	0.335	0.01 (-0.01, 0.03)	0.695	0.017	0.009	0.022	0.688	0.01 (-0.03, 0.05)	0.000	0.913	0.015	0.022	0.497	0.02 (-0.03, 0.06)	0.015	0.022	0.486	0.02 (-0.03, 0.06)
Q6UW49	SPESP1	OID30298	192	0.012	0.012	0.337	0.01 (-0.01, 0.04)	0.695	0.004	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)	0.001	0.366	-0.018	0.020	0.371	-0.02 (-0.06, 0.02)	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)
Q9UBT3	DKK4	OID20934	192	0.023	0.024	0.338	0.02 (-0.02, 0.07)	0.696	8.15E-78	0.008	0.046	0.861	0.01 (-0.08, 0.10)	0.001	0.711	0.021	0.019	0.266	0.02 (-0.02, 0.06)	0.003	0.024	0.898	3.10e-03 (-0.04, 0.05)
Q9Y240	CLEC11A	OID21112	192	-0.012	0.013	0.339	-0.01 (-0.04, 0.01)	0.699	0.025	-0.005	0.025	0.847	-4.83e-03 (-0.05, 0.04)	0.000	0.728	0.009	0.022	0.684	0.01 (-0.03, 0.05)	0.004	0.023	0.864	3.90e-03 (-0.04, 0.05)
Q9BXJ7	AMN	OID20492	192	0.014	0.014	0.341	0.01 (-0.01, 0.04)	0.699	6.59E-09	0.004	0.028	0.883	4.08e-03 (-0.05, 0.06)	0.001	0.689	0.003	0.023	0.906	2.76e-03 (-0.04, 0.05)	0.012	0.023	0.596	0.01 (-0.03, 0.06)
P34998	CRHR1	OID20055	192	0.012	0.012	0.340	0.01 (-0.01, 0.04)	0.699	0.918	0.004	0.023	0.848	4.49e-03 (-0.04, 0.05)	0.000	0.726	-0.019	0.022	0.391	-0.02 (-0.06, 0.02)	-0.007	0.026	0.791	-0.01 (-0.06, 0.04)
Q92499	DDX1	OID31518	192	0.011	0.012	0.341	0.01 (-0.01, 0.03)	0.699	0.496	0.003	0.023	0.888	3.25e-03 (-0.04, 0.05)	0.001	0.683	-0.023	0.020	0.257	-0.02 (-0.06, 0.02)	-0.031	0.025	0.216	-0.03 (-0.08, 0.02)
Q9UBQ7	GRHPR	OID30289	192	0.013	0.014	0.341	0.01 (-0.01, 0.04)	0.699	3.22E-04	0.000	0.026	0.995	-1.73e-04 (-0.05, 0.05)	0.001	0.562	0.000	0.024	0.999	3.87e-05 (-0.05, 0.05)	-0.004	0.022	0.861	-3.77e-03 (-0.05, 0.04)
Q9Y3B9	RRP15	OID30867	192	0.013	0.014	0.341	0.01 (-0.01, 0.04)	0.699	0.010	0.008	0.026	0.750	0.01 (-0.04, 0.06)	0.000	0.841	-0.009	0.025	0.706	-0.01 (-0.06, 0.04)	-0.017	0.025	0.486	-0.02 (-0.07, 0.03)
P50453	SERPINB9	OID20932	192	-0.011	0.012	0.341	-0.01 (-0.03, 0.01)	0.699	0.138	0.007	0.024	0.780	0.01 (-0.04, 0.05)	-0.001	0.385	-0.008	0.025	0.748	-0.01 (-0.06, 0.04)	0.001	0.025	0.965	1.07e-03 (-0.05, 0.05)
P21217;Q1	FUT3;FUT5	OID21013	190	-0.015	0.016	0.340	-0.02 (-0.05, 0.02)	0.699	8.95E-29	-0.040	0.031	0.207	-0.04 (-0.10, 0.02)	0.002	0.368	-0.010	0.020	0.629	-0.01 (-0.05, 0.03)	-0.018	0.021	0.399	-0.02 (-0.06, 0.02)
Q9H6B4	CLMP	OID21419	192	-0.014	0.015	0.343	-0.01 (-0.04, 0.02)	0.702	3.86E-17	-0.094	0.029	0.001	-0.09 (-0.15, -0.04)	0.005	0.002	-0.057	0.019	0.003	-0.06 (-0.09, -0.02)	-0.047	0.020	0.022	-0.05 (-0.09, -0.01)
P20160	AZU1	OID20309	192	0.011	0.012	0.344	0.01 (-0.01, 0.03)	0.703	0.224	0.001	0.023	0.971	8.46e-04 (-0.05, 0.05)	0.001	0.613	0.013	0.025	0.611	0.01 (-0.04, 0.06)	0.004	0.024	0.872	3.90e-03 (-0.04, 0.05)
O94766	B3GAT3	OID30165	192	0.011	0.012	0.346	0.01 (-0.01, 0.04)	0.704	0.365	-0.022	0.024	0.352	-0.02 (-0.07, 0.02)	0.002	0.101	-0.001	0.025	0.961	-1.20e-03 (-0.05, 0.05)	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)
P01031	C5	OID30744	192	0.011	0.012	0.348	0.01 (-0.01, 0.03)	0.704	0.528	-0.012	0.023	0.590	-0.01 (-0.06, 0.03)	0.001	0.233	-0.002	0.025	0.930	-2.19e-03 (-0.05, 0.05)	-0.001	0.025	0.959	-1.28e-03 (-0.05, 0.05)
Q6UWW8	CES3	OID21340	192	0.015	0.016	0.347	0.02 (-0.02, 0.05)	0.704	2.72E-13	-0.020	0.031	0.513	-0.02 (-0.08, 0.04)	0.002	0.184	0.001	0.025	0.974	8.07e-04 (-0.05, 0.05)	-0.004	0.025	0.886	-3.57e-03 (-0.05, 0.05)
Q5KU26	COLEC12	OID20738	192	0.012	0.013	0.347	0.01 (-0.01, 0.04)	0.704	7.85E-06	-0.077	0.024	0.002	-0.08 (-0.12, -0.03)	0.006	3.03E-05	-0.042	0.018	0.023	-0.04 (-0.08, -0.01)	-0.059	0.023	0.009	-0.06 (-0.10, -0.02)
Q8NBI3	DRAXIN	OID20917	192	-0.013	0.014	0.347	-0.01 (-0.04, 0.01)	0.704	5.88E-08	-0.028	0.027	0.303	-0.03 (-0.08, 0.03)	0.001	0.524	-0.020	0.024	0.388	-0.02 (-0.07, 0.03)	-0.025	0.023	0.266	-0.03 (-0.07, 0.02)
Q9BS26	ERP44	OID21338	192	0.013	0.014	0.346	0.01 (-0.01, 0.04)	0.704	1.88E-04	-0.029	0.026	0.268	-0.03 (-0.08, 0.02)	0.003	0.064	0.008	0.025	0.737	0.01 (-0.04, 0.06)	0.007	0.024	0.759	0.01 (-0.04, 0.05)
Q6P4F2	FDX2	OID30147	192	0.013	0.014	0.345	0.01 (-0.01, 0.04)	0.704	0.003	-0.012	0.027	0.653	-0.01 (-0.06, 0.04)	0.002	0.275	-0.026	0.021	0.213	-0.03 (-0.07, 0.02)	-0.041	0.025	0.094	-0.04 (-0.09, 0.01)
Q9BYJ0	FGFBP2	OID30395	192	-0.012	0.013	0.348	-0.01 (-0.04, 0.01)	0.704	6.94E-07	-0.024	0.024	0.333	-0.02 (-0.07, 0.02)	0.001	0.572	-0.013	0.021	0.531	-0.01 (-0.05, 0.03)	-0.021	0.021	0.313	-0.02 (-0.06, 0.02)
P01583	IL1A	OID20488	192	0.011	0.012	0.347	0.01 (-0.01, 0.03)	0.704	0.442	0.021	0.023	0.378	0.02 (-0.03, 0.07)	-0.001	0.639	0.022	0.025	0.378	0.02 (-0.03, 0.07)	0.018	0.025	0.472	0.02 (-0.03, 0.07)
Q9UHF4	IL20RA	OID20422	192	0.011	0.012	0.348	0.01 (-0.01, 0.03)	0.704	0.629	0.015	0.023	0.519	0.02 (-0.03, 0.06)	0.000	0.850	-0.002	0.023	0.938	-1.80e-03 (-0.05, 0.04)	0.006	0.022	0.773	0.01 (-0.04, 0.05)
P05112	IL4	OID20426	192	0.011	0.012	0.347	0.01 (-0.01, 0.04)	0.704	0.484	0.015	0.023	0.521	0.02 (-0.03, 0.06)	0.000	0.852	0.011	0.025	0.662	0.01 (-0.04, 0.06)	0.021	0.026	0.407	0.02 (-0.03, 0.07)
Q5SW96	LDLRAP1	OID31068	192	-0.012	0.013	0.347	-0.01 (-0.04, 0.01)	0.704	0.007	-0.013	0.026	0.617	-0.01 (-0.06, 0.04)	0.000	0.985	-0.011	0.024	0.650	-0.01 (-0.06, 0.04)	-0.019	0.022	0.389	-0.02 (-0.06, 0.02)
Q9UM54	MYO6	OID30989	192	0.011	0.012	0.346	0.01 (-0.01, 0.03)	0.704	0.059	-0.019	0.025	0.440	-0.02 (-0.07, 0.03)	0.002	0.154	-0.006	0.025	0.804	-0.01 (-0.05, 0.04)	-0.010	0.023	0.657	-0.01 (-0.06, 0.03)
Q92597	NDRG1	OID20792	192	0.011	0.012	0.347	0.01 (-0.01, 0.04)	0.704	0.051	-0.003	0.025	0.918	-2.61e-03 (-0.05, 0.05)	0.001	0.521	0.007	0.024	0.774	0.01 (-0.04, 0.05)	0.011	0.025	0.666	0.01 (-0.04, 0.06)
Q15126	PMVK	OID20850	192	-0.012	0.013	0.344	-0.01 (-0.04, 0.01)	0.704	0.030	-0.012	0.025	0.647	-0.01 (-0.06, 0.04)	0.000	0.973	-0.004	0.025	0.859	-4.42e-03 (-0.05, 0.04)	-0.014	0.022	0.518	-0.01 (-0.06, 0.03)
Q9Y570	PPME1	OID21347	192	-0.011	0.011	0.348	-0.01 (-0.03, 0.01)	0.704	0.149	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)	0.000	0.785	-0.004	0.024	0.861	-4.25e-03 (-0.05, 0.04)	-0.019	0.025	0.448	-0.02 (-0.07, 0.03)
Q8WXC3	PYDC1	OID30202	192	-0.011	0.012	0.347	-0.01 (-0.04, 0.01)	0.704	1.71E-04	0.003	0.024	0.908	2.74e-03 (-0.04, 0.05)	-0.001	0.483	0.014	0.019	0.481	0.01 (-0.02, 0.05)	0.008	0.022	0.722	0.01 (-0.03, 0.05)
Q6ZMH5	SLC39A5	OID20539	192	0.013	0.014	0.345	0.01 (-0.01, 0.04)	0.704	2.30E-05	-0.027	0.027	0.318	-0.03 (-0.08, 0.03)	0.002	0.083	-0.007	0.021	0.751	-0.01 (-0.05, 0.03)	0.000	0.022	0.992	2.35e-04 (-0.04, 0.04)
Q6GTS8	PM20D1	OID20149	192	0.012	0.012	0.349	0.01 (-0.01, 0.04)	0.704	4.39E-12	0.024	0.024	0.328	0.02 (-0.02, 0.07)	-0.001	0.563	0.030	0.016	0.055	0.03 (-6.57e-04, 0.06)	0.022	0.019	0.238	0.02 (-0.01, 0.06)
Q7L266	ASRGL1	OID30283	192	-0.013	0.014	0.350	-0.01 (-0.04, 0.01)	0.704	3.36E-05	0.000	0.026	0.987	4.40e-04 (-0.05, 0.05)	-0.001	0.561	-0.014	0.024	0.561	-0.01 (-0.06, 0.03)	-0.025	0.024	0.302	-0.02 (-0.07, 0.02)
Q00994	BEX3	OID31202	192	-0.011	0.012	0.350	-0.01 (-0.04, 0.01)	0.704	0.915	-0.002	0.024	0.933	-1.97e-03 (-0.05, 0.04)	-0.001	0.642	-0.020	0.024	0.410	-0.02 (-0.07, 0.03)	-0.021	0.025	0.399	-0.02 (-0.07, 0.03)
P51671	CCL11	OID20668	192	0.013	0.014	0.351	0.01 (-0.01, 0.04)	0.704	8.07E-07	0.056	0.026	0.034	0.06 (4.50e-03, 0.11)	-0.003	0.056	0.055	0.021	0.008	0.06 (0.01, 0.10)	0.062	0.020	0.003	0.06 (0.02, 0.10)
Q05315	CLC	OID20126	192	0.013	0.014	0.349	0.01 (-0.01, 0.04)	0.704	2.49E-04	0.007	0.026	0.794	0.01 (-0.04, 0.06)	0.000	0.797	0.028	0.022	0.206	0.03 (-0.02, 0.07)	0.023	0.023	0.310	0.02 (-0.02, 0.07)
Q99075	HBEGF	OID21465	192	-0.018	0.019	0.351	-0.02 (-0.06, 0.02)	0.704	9.86E-32	-0.020	0.037	0.590	-0.02 (-0.09, 0.05)	0.000	0.944	0.006	0.023	0.794	0.01 (-0.04, 0.05)	-0.024	0.025	0.343	-0.02 (-0.07, 0.03)
P37235	HPCAL1	OID20615	192	-0.012	0.013	0.350	-0.01 (-0.04, 0.01)	0.704	0.042	-0.009	0.025	0.723	-0.01 (-0.06, 0.04)	0.000	0.883	-0.011	0.024	0.631	-0.01 (-0.06, 0.04)	-0.023	0.023	0.326	-0.02 (-0.07, 0.02)
O75380	NDUFS6	OID21224	192	0.012	0.013	0.350	0.01 (-0.01, 0.04)	0.704	0.039	0.001	0.025	0.956	1.39e-03 (-0.05, 0.05)	0.001	0.618	-0.008	0.023	0.727	-0.01 (-0.05, 0.04)	0.001	0.024	0.954	1.41e-03 (-0.05, 0.05)
Q92609	TBC1D5	OID20521	192	-0.012	0.013	0.350	-0.01 (-0.04, 0.01)	0.704	0.009	-0.012	0.025	0.646	-0.01 (-0.06, 0.04)	0.000	0.980	-0.004	0.024	0.861	-4.20e-03 (-0.05, 0.04)	-0.017	0.024	0.475	-0.02 (-0.06, 0.03)
P04637	TP53	OID21232	192	0.011	0.012	0.351	0.01 (-0.01, 0.03)	0.704	0.228	-0.020	0.024	0.418	-0.02 (-0.07, 0.03)	0.002	0.137	0.011	0.023	0.623	0.01 (-0.03, 0.06)	-0.010	0.024	0.685	-0.01 (-0.06, 0.04)
Q8NHZ8	CDC26	OID31508	192	-0.012	0.013	0.352	-0.01 (-0.04, 0.01)	0.705	0.037	-0.024	0.025	0.338	-0.02 (-0.07, 0.02)	0.001	0.574	-0.021	0.025	0.388	-0.02 (-0.07, 0.03)	-0.029	0.025	0.246	-0.03 (-0.08, 0.02)
Q8N4E4	PDCL2	OID31168	192	0.011	0.012	0.352	0.01 (-0.01, 0.04)	0.705	0.438	0.017	0.024	0.465	0.02 (-0.03, 0.06)	0.000	0.766	0.015	0.025	0.540	0.02 (-0.03, 0.06)	0.018	0.023	0.425	0.02 (-0.03, 0.06)
Q96AX2	RAB37	OID20425	192	0.011	0.012	0.352	0.01 (-0.01, 0.03)	0.705	0.080	0.024	0.025	0.343	0.02 (-0.03, 0.07)	-0.001	0.558	0.006	0.024	0.790	0.01 (-0.04, 0.05)	-0.006	0.023	0.796	-0.01 (-0.05, 0.04)
Q8WXI8	CLEC4D	OID20609	192	0.011	0.012	0.354	0.01 (-0.01, 0.04)	0.708	0.003	0.011	0.024	0.632	0.01 (-0.04, 0.06)	0.000	0.997	0.032	0.020	0.112	0.03 (-0.01, 0.07)	0.020	0.021	0.338	0.02 (-0.02, 0.06)
Q99807	COQ7	OID30217	192	-0.014	0.015	0.354	-0.01 (-0.04, 0.02)	0.708	3.18E-08	-0.038	0.029	0.201	-0.04 (-0.10, 0.02)	0.001	0.348	-0.010	0.026	0.693	-0.01 (-0.06, 0.04)	-0.013	0.025	0.597	-0.01 (-0.06, 0.04)
Q7L311	ARMCX2	OID30792	192	-0.011	0.012	0.355	-0.01 (-0.03, 0.01)	0.709	0.497	-0.025	0.023	0.289	-0.02 (-0.07, 0.02)	0.001	0.495	-0.040	0.024	0.091	-0.04 (-0.09, 0.01)	-0.034	0.024	0.160	-0.03 (-0.08, 0.01)
Q92876	KLK6	OID21526	192	-0.012	0.013	0.355	-0.01 (-0.04, 0.01)	0.709	0.010	0.039	0.025	0.121	0.04 (-0.01, 0.09)	-0.003	0.018	0.017	0.022	0.447	0.02 (-0.03, 0.06)	0.022	0.022	0.325	0.02 (-0.02, 0.07)
Q9Y5X1	SNX9	OID20135	192	-0.011	0.012	0.356	-0.01 (-0.03, 0.01)	0.711	0.157	-0.021	0.024	0.379	-0.02 (-0.07, 0.03)	0.001	0.617	-0.012	0.023	0.586	-0.01 (-0.06, 0.03)	-0.035	0.022	0.121	-0.03 (-0.08, 0.01)
P37837	TALDO1	OID30414	192	0.012	0.013	0.356	0.01 (-0.01, 0.04)	0.711	0.003	-0.013	0.025	0.612	-0.01 (-0.06, 0.04)	0.002	0.252	-0.003	0.023	0.903	-2.87e-03 (-0.05, 0.04)	-0.012	0.022	0.582	-0.01 (-0.06, 0.03)
Q9NZJ5	EIF2AK3	OID30060	192	-0.011	0.012	0.357	-0.01 (-0.03, 0.01)	0.711	0.100	-0.021	0.024	0.393	-0.02 (-0.07, 0.03)	0.001	0.632	-0.025	0.024	0.297	-0.03 (-0.07, 0.02)	-0.025	0.025	0.322	-0.02 (-0.07, 0.02)
P35609	ACTN2	OID30192	192	0.012	0.013	0.358	0.01 (-0.01, 0.04)	0.711	0.005	-0.063	0.025	0.013	-0.06 (-0.11, -0.01)	0.005	0.001	-0.038	0.019	0.044	-0.04 (-0.07, -9.79e-04)	-0.056	0.025	0.026	-0.06 (-0.10, -0.01)
P36980	CFHR2	OID30720	192	0.007	0.008	0.358	0.01 (-0.01, 0.02)	0.711	0.004	-0.010	0.015	0.517	-0.01 (-0.04, 0.02)	0.001	0.188	0.006	0.015	0.662	0.01 (-0.02, 0.03)	0.002	0.013	0.883	1.93e-03 (-0.02, 0.03)
O75792	RNASEH2A	OID31027	192	0.012	0.013	0.358	0.01 (-0.01, 0.04)	0.711	0.006	-0.011	0.026	0.665	-0.01 (-0.06, 0.04)	0.001	0.290	-0.013	0.024	0.596	-0.01 (-0.06, 0.03)	-0.016	0.023	0.488	-0.02 (-0.06, 0.03)
Q9H3U7	SMOC2	OID20730	192	0.014	0.015	0.357	0.01 (-0.02, 0.04)	0.711	5.59E-17	-0.022	0.029	0.444	-0.02 (-0.08, 0.03)	0.002	0.148	-0.013	0.018	0.462	-0.01 (-0.05, 0.02)	-0.025	0.021	0.235	-0.03 (-0.07, 0.02)
P32970	CD70	OID20599	192	0.010	0.010	0.359	0.01 (-0.01, 0.03)	0.712	2.76E-06	0.003	0.020	0.878	3.08e-03 (-0.04, 0.04)	0.000	0.708	-0.009	0.016	0.590	-0.01 (-0.04, 0.02)	0.001	0.017	0.950	1.07e-03 (-0.03, 0.03)
O60502	OGA	OID31465	192	-0.012	0.013	0.359	-0.01 (-0.04, 0.01)	0.712	0.025	-0.012	0.025	0.635	-0.01 (-0.06, 0.04)	0.000	0.996	-0.013	0.024	0.588	-0.01 (-0.06, 0.03)	-0.016	0.023	0.498	-0.02 (-0.06, 0.03)
P40199	CEACAM6	OID30362	192	-0.013	0.015	0.359	-0.01 (-0.04, 0.02)	0.713	1.72E-07	0.023	0.028	0.412	0.02 (-0.03, 0.08)	-0.002	0.131	0.005	0.025	0.838	0.01 (-0.04, 0.05)	0.003	0.024	0.892	3.24e-03 (-0.04, 0.05)
O75665	OFD1	OID31268	192	0.011	0.012	0.360	0.01 (-0.01, 0.03)	0.713	0.076	0.016	0.025	0.515	0.02 (-0.03, 0.07)	0.000	0.804	-0.008	0.024	0.724	-0.01 (-0.06, 0.04)	-0.010	0.026	0.699	-0.01 (-0.06, 0.04)
P01270	PTH	OID30963	192	0.014	0.015	0.360	0.01 (-0.02, 0.04)	0.713	2.44E-08	-0.060	0.029	0.037	-0.06 (-0.12, -3.95e-03)	0.005	0.003	-0.031	0.019	0.104	-0.03 (-0.07, 0.01)	-0.039	0.025	0.128	-0.04 (-0.09, 0.01)
O15350	TP73	OID30879	192	0.011	0.012	0.360	0.01 (-0.01, 0.03)	0.713	0.139	-0.004	0.025	0.864	-4.22e-03 (-0.05, 0.04)	0.001	0.471	0.028	0.024	0.238	0.03 (-0.02, 0.08)	0.027	0.027	0.325	0.03 (-0.03, 0.08)
Q02127	DHODH	OID30137	192	0.011	0.012	0.361	0.01 (-0.01, 0.03)	0.715	0.223	-0.013	0.024	0.606	-0.01 (-0.06, 0.04)	0.001	0.258	-0.007	0.024	0.769	-0.01 (-0.05, 0.04)	-0.011	0.023	0.651	-0.01 (-0.06, 0.04)
Q04760	GLO1	OID20107	192	0.010	0.011	0.362	0.01 (-0.01, 0.03)	0.715	0.292	0.006	0.023	0.787	0.01 (-0.04, 0.05)	0.000	0.827	0.027	0.023	0.238	0.03 (-0.02, 0.07)	0.021	0.022	0.350	0.02 (-0.02, 0.06)
Q13563	PKD2	OID30184	192	-0.013	0.014	0.362	-0.01 (-0.04, 0.01)	0.715	3.30E-04	-0.045	0.027	0.098	-0.04 (-0.10, 0.01)	0.002	0.166	-0.016	0.025	0.507	-0.02 (-0.07, 0.03)	-0.021	0.024	0.377	-0.02 (-0.07, 0.03)
P29536	LMOD1	OID31416	192	-0.010	0.011	0.365	-0.01 (-0.03, 0.01)	0.720	0.051	-0.011	0.023	0.611	-0.01 (-0.06, 0.03)	0.000	0.927	0.009	0.021	0.687	0.01 (-0.03, 0.05)	0.005	0.023	0.830	4.92e-03 (-0.04, 0.05)
O15234	CASC3	OID30921	28	-0.020	0.022	0.366	-0.02 (-0.06, 0.02)	0.721	0.219	-0.014	0.037	0.707	-0.01 (-0.09, 0.06)	-0.001	0.821	-0.021	0.027	0.453	-0.02 (-0.07, 0.03)	-0.019	0.028	0.499	-0.02 (-0.07, 0.04)
Q13510	ASAH1	OID30415	192	0.013	0.014	0.366	0.01 (-0.02, 0.04)	0.722	1.40E-08	-0.011	0.028	0.696	-0.01 (-0.07, 0.04)	0.002	0.318	-0.008	0.020	0.693	-0.01 (-0.05, 0.03)	-0.006	0.020	0.747	-0.01 (-0.04, 0.03)
P48047	ATP5PO	OID20811	192	-0.011	0.012	0.366	-0.01 (-0.03, 0.01)	0.722	0.357	-0.021	0.024	0.374	-0.02 (-0.07, 0.03)	0.001	0.613	-0.029	0.023	0.201	-0.03 (-0.07, 0.02)	-0.022	0.024	0.365	-0.02 (-0.07, 0.03)
P42575	CASP2	OID20555	192	-0.011	0.012	0.366	-0.01 (-0.03, 0.01)	0.722	0.494	-0.011	0.023	0.631	-0.01 (-0.06, 0.03)	0.000	0.986	0.000	0.023	0.998	4.64e-05 (-0.05, 0.05)	-0.009	0.023	0.712	-0.01 (-0.05, 0.04)
Q9UEW3	MARCO	OID20210	192	0.013	0.015	0.368	0.01 (-0.02, 0.04)	0.723	2.30E-10	-0.028	0.029	0.330	-0.03 (-0.08, 0.03)	0.003	0.094	-0.018	0.023	0.430	-0.02 (-0.06, 0.03)	-0.012	0.024	0.623	-0.01 (-0.06, 0.04)
O43707	ACTN4	OID20435	192	-0.011	0.012	0.370	-0.01 (-0.03, 0.01)	0.723	0.390	-0.032	0.024	0.171	-0.03 (-0.08, 0.01)	0.001	0.286	-0.007	0.025	0.769	-0.01 (-0.06, 0.04)	-0.005	0.026	0.837	-0.01 (-0.06, 0.04)
Q07960	ARHGAP1	OID21202	192	-0.012	0.013	0.369	-0.01 (-0.04, 0.01)	0.723	0.004	-0.012	0.026	0.645	-0.01 (-0.06, 0.04)	0.000	1.000	-0.012	0.025	0.622	-0.01 (-0.06, 0.04)	-0.017	0.023	0.459	-0.02 (-0.06, 0.03)
P09693	CD3G	OID30448	192	0.011	0.012	0.370	0.01 (-0.01, 0.03)	0.723	0.771	-0.007	0.023	0.759	-0.01 (-0.05, 0.04)	0.001	0.370	-0.021	0.019	0.284	-0.02 (-0.06, 0.02)	-0.033	0.025	0.187	-0.03 (-0.08, 0.02)
P01034	CST3	OID20400	192	0.012	0.013	0.369	0.01 (-0.01, 0.04)	0.723	2.60E-05	-0.030	0.025	0.237	-0.03 (-0.08, 0.02)	0.003	0.055	-0.016	0.022	0.482	-0.02 (-0.06, 0.03)	-0.014	0.021	0.501	-0.01 (-0.05, 0.03)
O00399	DCTN6	OID20879	192	0.012	0.013	0.368	0.01 (-0.01, 0.04)	0.723	0.007	0.002	0.026	0.947	1.75e-03 (-0.05, 0.05)	0.001	0.644	0.013	0.026	0.631	0.01 (-0.04, 0.06)	-0.010	0.025	0.675	-0.01 (-0.06, 0.04)
P32455	GBP1	OID31128	192	0.012	0.013	0.370	0.01 (-0.01, 0.04)	0.723	0.001	-0.008	0.025	0.742	-0.01 (-0.06, 0.04)	0.001	0.356	-0.010	0.023	0.655	-0.01 (-0.05, 0.03)	-0.004	0.023	0.868	-3.88e-03 (-0.05, 0.04)
P80188	LCN2	OID20392	192	-0.014	0.015	0.370	-0.01 (-0.04, 0.02)	0.723	3.02E-09	-0.022	0.030	0.455	-0.02 (-0.08, 0.04)	0.001	0.738	0.005	0.024	0.840	4.88e-03 (-0.04, 0.05)	0.004	0.023	0.853	4.22e-03 (-0.04, 0.05)
Q969X0	RILPL2	OID30342	192	-0.011	0.013	0.370	-0.01 (-0.04, 0.01)	0.723	0.040	-0.020	0.025	0.412	-0.02 (-0.07, 0.03)	0.001	0.674	-0.012	0.024	0.612	-0.01 (-0.06, 0.04)	-0.030	0.024	0.209	-0.03 (-0.08, 0.02)
Q8IWT1	SCN4B	OID30277	192	0.011	0.012	0.370	0.01 (-0.01, 0.03)	0.723	7.32E-05	-0.032	0.023	0.167	-0.03 (-0.08, 0.01)	0.003	0.031	-0.026	0.017	0.138	-0.03 (-0.06, 0.01)	-0.023	0.019	0.217	-0.02 (-0.06, 0.01)
O43493	TGOLN2	OID30691	192	-0.011	0.013	0.370	-0.01 (-0.04, 0.01)	0.723	1.60E-06	-0.051	0.024	0.036	-0.05 (-0.10, -3.78e-03)	0.003	0.056	-0.016	0.021	0.457	-0.02 (-0.06, 0.03)	-0.019	0.018	0.292	-0.02 (-0.05, 0.02)
Q6PL24	TMED8	OID31462	192	-0.012	0.013	0.368	-0.01 (-0.04, 0.01)	0.723	0.004	-0.005	0.026	0.849	-4.92e-03 (-0.06, 0.05)	0.000	0.751	-0.002	0.023	0.920	-2.36e-03 (-0.05, 0.04)	-0.011	0.022	0.613	-0.01 (-0.05, 0.03)
Q13296	SCGB2A2	OID30104	192	0.011	0.012	0.371	0.01 (-0.01, 0.03)	0.724	0.701	0.009	0.024	0.697	0.01 (-0.04, 0.06)	0.000	0.933	-0.021	0.022	0.350	-0.02 (-0.06, 0.02)	-0.012	0.023	0.595	-0.01 (-0.06, 0.03)
O00253	AGRP	OID20658	192	0.015	0.016	0.371	0.01 (-0.02, 0.05)	0.724	1.07E-16	0.010	0.032	0.763	0.01 (-0.05, 0.07)	0.000	0.853	0.042	0.024	0.088	0.04 (-0.01, 0.09)	0.037	0.023	0.113	0.04 (-0.01, 0.08)
Q587J8	KHDC3L	OID31245	192	-0.011	0.012	0.371	-0.01 (-0.03, 0.01)	0.724	0.780	-0.030	0.024	0.203	-0.03 (-0.08, 0.02)	0.001	0.342	-0.020	0.025	0.423	-0.02 (-0.07, 0.03)	-0.027	0.024	0.256	-0.03 (-0.07, 0.02)
Q9BZE9	ASPSCR1	OID31055	192	-0.012	0.013	0.371	-0.01 (-0.04, 0.01)	0.724	0.002	-0.007	0.026	0.790	-0.01 (-0.06, 0.04)	0.000	0.821	-0.015	0.024	0.525	-0.02 (-0.06, 0.03)	-0.021	0.023	0.364	-0.02 (-0.07, 0.02)
P56851	EDDM3B	OID31365	192	-0.007	0.008	0.372	-0.01 (-0.02, 0.01)	0.725	0.029	0.008	0.016	0.611	0.01 (-0.02, 0.04)	-0.001	0.258	-0.024	0.014	0.076	-0.02 (-0.05, 2.51e-03)	-0.015	0.015	0.322	-0.01 (-0.04, 0.01)
Q6H9L7	ISM2	OID30365	192	0.011	0.012	0.373	0.01 (-0.01, 0.03)	0.725	0.933	-0.001	0.023	0.966	-9.94e-04 (-0.05, 0.04)	0.001	0.558	0.010	0.024	0.675	0.01 (-0.04, 0.06)	0.013	0.024	0.598	0.01 (-0.03, 0.06)
P30048	PRDX3	OID20483	192	-0.012	0.013	0.374	-0.01 (-0.04, 0.01)	0.726	0.020	-0.025	0.026	0.331	-0.02 (-0.08, 0.03)	0.001	0.548	-0.026	0.025	0.294	-0.03 (-0.07, 0.02)	-0.025	0.023	0.285	-0.02 (-0.07, 0.02)
Q9Y265	RUVBL1	OID21211	192	0.011	0.012	0.373	0.01 (-0.01, 0.03)	0.726	0.284	0.000	0.024	0.991	-2.80e-04 (-0.05, 0.05)	0.001	0.593	-0.008	0.025	0.761	-0.01 (-0.06, 0.04)	-0.008	0.024	0.726	-0.01 (-0.06, 0.04)
Q8N130	SLC34A3	OID31203	192	0.011	0.012	0.373	0.01 (-0.01, 0.03)	0.726	0.769	0.055	0.024	0.020	0.06 (0.01, 0.10)	-0.003	0.028	0.034	0.023	0.145	0.03 (-0.01, 0.08)	0.035	0.024	0.138	0.04 (-0.01, 0.08)
Q13277	STX3	OID31090	192	0.011	0.012	0.374	0.01 (-0.01, 0.03)	0.726	0.082	0.015	0.025	0.540	0.02 (-0.03, 0.06)	0.000	0.828	0.030	0.022	0.182	0.03 (-0.01, 0.07)	0.017	0.024	0.480	0.02 (-0.03, 0.06)
Q8TE57	ADAMTS16	OID20089	192	-0.011	0.012	0.374	-0.01 (-0.03, 0.01)	0.726	0.020	-0.056	0.023	0.017	-0.06 (-0.10, -0.01)	0.003	0.024	-0.030	0.020	0.137	-0.03 (-0.07, 0.01)	-0.022	0.023	0.320	-0.02 (-0.07, 0.02)
P00734	F2	OID30723	192	0.012	0.013	0.375	0.01 (-0.01, 0.04)	0.727	0.016	-0.020	0.025	0.426	-0.02 (-0.07, 0.03)	0.002	0.144	0.014	0.025	0.579	0.01 (-0.03, 0.06)	0.015	0.026	0.552	0.02 (-0.03, 0.07)
A6NLU5	VSTM2B	OID31272	192	-0.012	0.014	0.375	-0.01 (-0.04, 0.01)	0.727	0.005	-0.018	0.026	0.493	-0.02 (-0.07, 0.03)	0.000	0.788	-0.028	0.024	0.232	-0.03 (-0.07, 0.02)	-0.030	0.023	0.200	-0.03 (-0.08, 0.02)
Q96LA5	FCRL2	OID20639	192	0.010	0.011	0.376	0.01 (-0.01, 0.03)	0.727	0.039	0.002	0.021	0.921	2.15e-03 (-0.04, 0.04)	0.000	0.676	-0.012	0.017	0.474	-0.01 (-0.04, 0.02)	-0.019	0.021	0.371	-0.02 (-0.06, 0.02)
P48745	CCN3	OID20299	192	-0.012	0.014	0.378	-0.01 (-0.04, 0.02)	0.731	2.14E-09	-0.075	0.027	0.005	-0.07 (-0.13, -0.02)	0.004	0.007	-0.051	0.021	0.016	-0.05 (-0.09, -0.01)	-0.066	0.021	0.001	-0.07 (-0.11, -0.03)
Q86UX2	ITIH5	OID31430	192	0.011	0.012	0.378	0.01 (-0.01, 0.03)	0.731	0.293	0.024	0.024	0.312	0.02 (-0.02, 0.07)	-0.001	0.505	-0.019	0.021	0.375	-0.02 (-0.06, 0.02)	-0.007	0.024	0.765	-0.01 (-0.06, 0.04)
Q9NQ38	SPINK5	OID21148	192	-0.012	0.013	0.379	-0.01 (-0.04, 0.01)	0.732	1.86E-05	0.023	0.026	0.374	0.02 (-0.03, 0.07)	-0.002	0.117	0.034	0.018	0.055	0.03 (-7.28e-04, 0.07)	0.045	0.025	0.070	0.05 (-3.42e-03, 0.09)
P08758	ANXA5	OID20810	192	0.011	0.012	0.379	0.01 (-0.01, 0.03)	0.733	0.916	-0.024	0.023	0.297	-0.02 (-0.07, 0.02)	0.002	0.081	-0.013	0.021	0.534	-0.01 (-0.05, 0.03)	-0.032	0.026	0.210	-0.03 (-0.08, 0.02)
Q8WZ75	ROBO4	OID30226	192	-0.021	0.024	0.380	-0.02 (-0.07, 0.03)	0.733	1.01E-77	-0.017	0.046	0.712	-0.02 (-0.11, 0.07)	0.000	0.924	-0.001	0.023	0.950	-1.47e-03 (-0.05, 0.04)	0.004	0.022	0.851	4.15e-03 (-0.04, 0.05)
O95379	TNFAIP8	OID20433	192	-0.011	0.012	0.380	-0.01 (-0.03, 0.01)	0.733	0.741	-0.031	0.023	0.188	-0.03 (-0.08, 0.01)	0.001	0.312	-0.035	0.024	0.153	-0.03 (-0.08, 0.01)	-0.030	0.025	0.233	-0.03 (-0.08, 0.02)
Q7Z7M9	GALNT5	OID30295	192	-0.014	0.016	0.380	-0.01 (-0.05, 0.02)	0.733	4.21E-15	0.018	0.031	0.553	0.02 (-0.04, 0.08)	-0.002	0.223	0.023	0.023	0.309	0.02 (-0.02, 0.07)	0.034	0.022	0.130	0.03 (-0.01, 0.08)
Q16595	FXN	OID21442	192	-0.012	0.014	0.381	-0.01 (-0.04, 0.01)	0.734	0.002	-0.004	0.026	0.866	-4.47e-03 (-0.06, 0.05)	0.000	0.743	-0.017	0.024	0.476	-0.02 (-0.06, 0.03)	-0.029	0.023	0.196	-0.03 (-0.07, 0.02)
Q8IVM0	CCDC50	OID31001	192	-0.012	0.014	0.383	-0.01 (-0.04, 0.01)	0.735	0.002	-0.007	0.026	0.785	-0.01 (-0.06, 0.04)	0.000	0.837	-0.021	0.024	0.397	-0.02 (-0.07, 0.03)	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)
Q17R60	IMPG1	OID30814	192	-0.012	0.013	0.382	-0.01 (-0.04, 0.01)	0.735	0.014	-0.018	0.026	0.502	-0.02 (-0.07, 0.03)	0.000	0.794	-0.030	0.025	0.234	-0.03 (-0.08, 0.02)	-0.041	0.025	0.099	-0.04 (-0.09, 0.01)
P29536	LMOD1	OID30212	192	-0.010	0.012	0.383	-0.01 (-0.03, 0.01)	0.735	0.036	-0.012	0.023	0.605	-0.01 (-0.06, 0.03)	0.000	0.936	-0.008	0.022	0.720	-0.01 (-0.05, 0.03)	-0.014	0.022	0.519	-0.01 (-0.06, 0.03)
Q99733	NAP1L4	OID31475	192	-0.010	0.011	0.382	-0.01 (-0.03, 0.01)	0.735	0.055	0.004	0.024	0.872	3.84e-03 (-0.04, 0.05)	-0.001	0.501	-0.030	0.023	0.186	-0.03 (-0.08, 0.01)	-0.032	0.023	0.168	-0.03 (-0.08, 0.01)
Q16401	PSMD5	OID30918	192	-0.011	0.012	0.383	-0.01 (-0.03, 0.01)	0.735	0.079	-0.010	0.025	0.702	-0.01 (-0.06, 0.04)	0.000	0.967	-0.025	0.020	0.227	-0.02 (-0.06, 0.02)	-0.029	0.024	0.223	-0.03 (-0.08, 0.02)
P07098	LIPF	OID30266	192	0.012	0.014	0.384	0.01 (-0.02, 0.04)	0.736	4.49E-05	0.033	0.027	0.219	0.03 (-0.02, 0.09)	-0.001	0.361	0.034	0.021	0.099	0.03 (-0.01, 0.07)	0.027	0.022	0.213	0.03 (-0.02, 0.07)
P29317	EPHA2	OID21342	192	0.012	0.014	0.386	0.01 (-0.02, 0.04)	0.737	2.21E-07	-0.029	0.028	0.290	-0.03 (-0.08, 0.02)	0.003	0.079	-0.004	0.020	0.835	-4.10e-03 (-0.04, 0.03)	-0.023	0.023	0.315	-0.02 (-0.07, 0.02)
Q16774	GUK1	OID30148	192	0.011	0.012	0.385	0.01 (-0.01, 0.03)	0.737	0.494	0.010	0.024	0.680	0.01 (-0.04, 0.06)	0.000	0.968	-0.007	0.024	0.776	-0.01 (-0.05, 0.04)	-0.005	0.024	0.848	-4.51e-03 (-0.05, 0.04)
P24394	IL4R	OID20576	192	0.013	0.015	0.386	0.01 (-0.02, 0.04)	0.737	1.48E-10	0.007	0.029	0.816	0.01 (-0.05, 0.06)	0.000	0.803	0.005	0.023	0.831	4.89e-03 (-0.04, 0.05)	0.007	0.024	0.780	0.01 (-0.04, 0.05)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q7Z3D4	LYSMD3	OID30950	192	0.011	0.013	0.386	0.01 (-0.01, 0.04)	0.737	0.029	0.018	0.026	0.474	0.02 (-0.03, 0.07)	0.000	0.751	0.028	0.024	0.245	0.03 (-0.02, 0.08)	0.023	0.025	0.345	0.02 (-0.03, 0.07)
P12872	MLN	OID20541	192	0.018	0.020	0.385	0.02 (-0.02, 0.06)	0.737	4.93E-63	0.040	0.039	0.306	0.04 (-0.04, 0.12)	-0.001	0.501	-0.042	0.018	0.022	-0.04 (-0.08, -0.01)	-0.061	0.022	0.006	-0.06 (-0.10, -0.02)
Q8NFP7	NUDT10	OID30198	192	-0.010	0.012	0.387	-0.01 (-0.03, 0.01)	0.737	0.761	0.010	0.023	0.682	0.01 (-0.04, 0.06)	-0.001	0.318	-0.021	0.023	0.368	-0.02 (-0.07, 0.02)	-0.005	0.024	0.831	-0.01 (-0.05, 0.04)
Q9GZP4	PITHD1	OID31215	192	0.012	0.014	0.385	0.01 (-0.01, 0.04)	0.737	0.008	0.041	0.026	0.118	0.04 (-0.01, 0.09)	-0.002	0.192	0.019	0.027	0.486	0.02 (-0.03, 0.07)	0.015	0.027	0.570	0.02 (-0.04, 0.07)
Q8IUK5	PLXDC1	OID21258	192	0.011	0.013	0.385	0.01 (-0.01, 0.04)	0.737	0.019	0.028	0.025	0.262	0.03 (-0.02, 0.08)	-0.001	0.430	-0.007	0.022	0.733	-0.01 (-0.05, 0.03)	-0.004	0.022	0.861	-3.86e-03 (-0.05, 0.04)
Q15796	SMAD2	OID31353	192	0.010	0.012	0.386	0.01 (-0.01, 0.03)	0.737	0.076	0.008	0.024	0.748	0.01 (-0.04, 0.06)	0.000	0.913	0.020	0.023	0.367	0.02 (-0.02, 0.06)	-0.001	0.022	0.947	-1.48e-03 (-0.05, 0.04)
P22223	CDH3	OID21008	192	-0.012	0.013	0.387	-0.01 (-0.04, 0.01)	0.737	0.001	-0.011	0.026	0.665	-0.01 (-0.06, 0.04)	0.000	0.990	-0.016	0.025	0.518	-0.02 (-0.06, 0.03)	-0.019	0.027	0.476	-0.02 (-0.07, 0.03)
Q9BV20	MRI1	OID30891	192	0.010	0.011	0.387	0.01 (-0.01, 0.03)	0.737	0.567	0.018	0.022	0.401	0.02 (-0.02, 0.06)	-0.001	0.645	0.019	0.022	0.386	0.02 (-0.02, 0.06)	0.014	0.022	0.533	0.01 (-0.03, 0.06)
Q9HA65	TBC1D17	OID20844	192	0.010	0.011	0.388	0.01 (-0.01, 0.03)	0.737	0.752	-0.005	0.022	0.810	-0.01 (-0.05, 0.04)	0.001	0.424	-0.001	0.023	0.979	-6.06e-04 (-0.05, 0.05)	-0.006	0.024	0.811	-0.01 (-0.05, 0.04)
P20061	TCN1	OID30687	192	-0.011	0.012	0.387	-0.01 (-0.04, 0.01)	0.737	9.39E-05	-0.005	0.024	0.850	-4.58e-03 (-0.05, 0.04)	0.000	0.765	-0.013	0.022	0.552	-0.01 (-0.06, 0.03)	-0.018	0.020	0.368	-0.02 (-0.06, 0.02)
O43597	SPRY2	OID20475	192	-0.012	0.014	0.388	-0.01 (-0.04, 0.01)	0.738	0.003	-0.019	0.026	0.476	-0.02 (-0.07, 0.03)	0.000	0.753	0.001	0.024	0.979	6.28e-04 (-0.05, 0.05)	-0.014	0.024	0.551	-0.01 (-0.06, 0.03)
Q6ZVL6	KIAA1549L	OID31312	192	0.010	0.012	0.389	0.01 (-0.01, 0.03)	0.738	0.391	0.024	0.024	0.314	0.02 (-0.02, 0.07)	-0.001	0.505	-0.009	0.022	0.691	-0.01 (-0.05, 0.03)	-0.005	0.027	0.841	-0.01 (-0.06, 0.05)
Q6ZUJ8	PIK3AP1	OID20587	192	-0.010	0.011	0.389	-0.01 (-0.03, 0.01)	0.738	0.083	0.019	0.024	0.432	0.02 (-0.03, 0.06)	-0.002	0.163	-0.010	0.024	0.677	-0.01 (-0.06, 0.04)	-0.012	0.023	0.601	-0.01 (-0.06, 0.03)
P42768	WAS	OID20479	192	-0.011	0.013	0.389	-0.01 (-0.04, 0.01)	0.738	0.037	-0.026	0.025	0.309	-0.03 (-0.08, 0.02)	0.001	0.502	-0.022	0.025	0.362	-0.02 (-0.07, 0.03)	-0.026	0.024	0.274	-0.03 (-0.07, 0.02)
O14958	CASQ2	OID30063	192	0.010	0.012	0.390	0.01 (-0.01, 0.03)	0.739	0.075	-0.003	0.025	0.914	-2.73e-03 (-0.05, 0.05)	0.001	0.544	-0.017	0.022	0.430	-0.02 (-0.06, 0.03)	-0.016	0.024	0.485	-0.02 (-0.06, 0.03)
Q9UMF0	ICAM5	OID20145	192	-0.025	0.029	0.390	-0.03 (-0.08, 0.03)	0.739	4.56E-267	0.021	0.056	0.715	0.02 (-0.09, 0.13)	-0.003	0.345	0.024	0.019	0.194	0.02 (-0.01, 0.06)	0.016	0.019	0.407	0.02 (-0.02, 0.05)
Q13490	BIRC2	OID21217	192	0.011	0.013	0.390	0.01 (-0.01, 0.04)	0.739	0.014	0.013	0.026	0.615	0.01 (-0.04, 0.06)	0.000	0.943	0.024	0.024	0.332	0.02 (-0.02, 0.07)	0.012	0.023	0.587	0.01 (-0.03, 0.06)
P46109	CRKL	OID20742	192	-0.011	0.013	0.391	-0.01 (-0.04, 0.01)	0.739	0.009	-0.012	0.025	0.628	-0.01 (-0.06, 0.04)	0.000	0.960	-0.009	0.024	0.705	-0.01 (-0.06, 0.04)	-0.020	0.022	0.359	-0.02 (-0.06, 0.02)
Q13444	ADAM15	OID20109	192	0.009	0.011	0.394	0.01 (-0.01, 0.03)	0.740	0.007	0.017	0.021	0.399	0.02 (-0.02, 0.06)	-0.001	0.637	0.011	0.020	0.568	0.01 (-0.03, 0.05)	0.008	0.020	0.697	0.01 (-0.03, 0.05)
P31751	AKT2	OID31052	89	-0.016	0.019	0.396	-0.02 (-0.05, 0.02)	0.740	0.033	0.007	0.032	0.839	0.01 (-0.06, 0.07)	-0.002	0.390	-0.001	0.027	0.977	-7.87e-04 (-0.05, 0.05)	-0.006	0.027	0.815	-0.01 (-0.06, 0.05)
Q07507	DPT	OID20278	192	0.011	0.012	0.396	0.01 (-0.01, 0.03)	0.740	3.77E-05	-0.076	0.023	0.001	-0.08 (-0.12, -0.03)	0.005	1.61E-05	-0.020	0.022	0.381	-0.02 (-0.06, 0.02)	-0.031	0.020	0.124	-0.03 (-0.07, 0.01)
P51452	DUSP3	OID20827	192	-0.012	0.014	0.394	-0.01 (-0.04, 0.02)	0.740	0.004	0.004	0.026	0.867	4.42e-03 (-0.05, 0.06)	-0.001	0.480	-0.024	0.024	0.326	-0.02 (-0.07, 0.02)	-0.022	0.025	0.380	-0.02 (-0.07, 0.03)
Q9Y2X7	GIT1	OID30533	192	-0.012	0.014	0.394	-0.01 (-0.04, 0.02)	0.740	0.001	-0.003	0.027	0.903	-3.23e-03 (-0.06, 0.05)	-0.001	0.712	-0.007	0.025	0.780	-0.01 (-0.06, 0.04)	-0.014	0.022	0.543	-0.01 (-0.06, 0.03)
Q8IZJ0	IFNL2	OID30791	192	0.012	0.014	0.395	0.01 (-0.02, 0.04)	0.740	0.006	0.002	0.027	0.941	1.96e-03 (-0.05, 0.05)	0.001	0.671	0.030	0.024	0.217	0.03 (-0.02, 0.08)	0.015	0.026	0.556	0.02 (-0.04, 0.07)
P20809	IL11	OID20455	192	-0.010	0.012	0.392	-0.01 (-0.03, 0.01)	0.740	0.898	-0.030	0.023	0.200	-0.03 (-0.08, 0.02)	0.001	0.326	0.000	0.024	0.998	-6.74e-05 (-0.05, 0.05)	-0.007	0.022	0.747	-0.01 (-0.05, 0.04)
P08887	IL6R	OID20385	192	-0.008	0.009	0.393	-0.01 (-0.03, 0.01)	0.740	1.24E-06	-0.033	0.018	0.066	-0.03 (-0.07, 2.01e-03)	0.002	0.103	-0.024	0.015	0.128	-0.02 (-0.05, 0.01)	-0.028	0.015	0.063	-0.03 (-0.06, 1.35e-03)
Q96I82	KAZALD1	OID21339	192	-0.012	0.015	0.394	-0.01 (-0.04, 0.02)	0.740	2.79E-10	-0.026	0.029	0.371	-0.03 (-0.08, 0.03)	0.001	0.589	-0.014	0.023	0.536	-0.01 (-0.06, 0.03)	-0.006	0.023	0.783	-0.01 (-0.05, 0.04)
P08651	NFIC	OID30988	192	0.010	0.012	0.394	0.01 (-0.01, 0.03)	0.740	0.489	-0.021	0.023	0.373	-0.02 (-0.07, 0.02)	0.002	0.121	-0.009	0.023	0.685	-0.01 (-0.05, 0.04)	-0.005	0.026	0.853	-4.76e-03 (-0.05, 0.05)
P08138	NGFR	OID30300	192	0.010	0.012	0.393	0.01 (-0.01, 0.03)	0.740	0.285	0.000	0.024	0.997	-1.01e-04 (-0.05, 0.05)	0.001	0.615	0.006	0.025	0.817	0.01 (-0.04, 0.05)	0.001	0.026	0.965	1.13e-03 (-0.05, 0.05)
Q15113	PCOLCE	OID20384	192	-0.018	0.021	0.396	-0.02 (-0.06, 0.02)	0.740	0.001	-0.064	0.040	0.112	-0.06 (-0.14, 0.01)	0.003	0.178	0.004	0.037	0.912	4.05e-03 (-0.07, 0.08)	0.002	0.037	0.946	2.49e-03 (-0.07, 0.08)
O75167	PHACTR2	OID31009	192	-0.012	0.014	0.395	-0.01 (-0.04, 0.02)	0.740	8.23E-06	0.002	0.028	0.955	1.58e-03 (-0.05, 0.06)	-0.001	0.564	-0.002	0.023	0.937	-1.81e-03 (-0.05, 0.04)	-0.016	0.023	0.485	-0.02 (-0.06, 0.03)
O75711	SCRG1	OID30333	192	-0.010	0.012	0.395	-0.01 (-0.03, 0.01)	0.740	6.64E-05	-0.077	0.023	0.001	-0.08 (-0.12, -0.03)	0.004	0.001	-0.052	0.018	0.004	-0.05 (-0.09, -0.02)	-0.043	0.020	0.033	-0.04 (-0.08, -3.75e-03)
Q12765	SCRN1	OID20542	192	-0.010	0.012	0.396	-0.01 (-0.03, 0.01)	0.740	0.233	-0.007	0.024	0.783	-0.01 (-0.05, 0.04)	0.000	0.865	-0.020	0.023	0.394	-0.02 (-0.07, 0.03)	-0.013	0.026	0.610	-0.01 (-0.06, 0.04)
Q7Z698	SPRED2	OID30423	192	0.010	0.012	0.394	0.01 (-0.01, 0.03)	0.740	0.567	0.008	0.023	0.731	0.01 (-0.04, 0.05)	0.000	0.911	-0.014	0.023	0.547	-0.01 (-0.06, 0.03)	-0.022	0.027	0.406	-0.02 (-0.08, 0.03)
P50502	ST13	OID30624	192	0.010	0.012	0.395	0.01 (-0.01, 0.03)	0.740	0.246	0.010	0.023	0.654	0.01 (-0.04, 0.06)	0.000	0.976	0.014	0.022	0.546	0.01 (-0.03, 0.06)	0.002	0.022	0.933	1.85e-03 (-0.04, 0.04)
Q9Y6A5	TACC3	OID21285	192	-0.012	0.014	0.393	-0.01 (-0.04, 0.02)	0.740	3.47E-06	-0.011	0.028	0.694	-0.01 (-0.07, 0.04)	0.000	0.958	-0.005	0.024	0.822	-0.01 (-0.05, 0.04)	-0.016	0.023	0.479	-0.02 (-0.06, 0.03)
Q99426	TBCB	OID20993	192	-0.011	0.013	0.396	-0.01 (-0.04, 0.01)	0.740	0.003	-0.009	0.026	0.725	-0.01 (-0.06, 0.04)	0.000	0.921	-0.004	0.024	0.861	-4.19e-03 (-0.05, 0.04)	-0.022	0.024	0.355	-0.02 (-0.07, 0.02)
P52888	THOP1	OID20194	18	0.019	0.022	0.396	0.02 (-0.03, 0.06)	0.740	0.191	0.062	0.035	0.093	0.06 (-0.01, 0.13)	-0.005	0.104	0.043	0.026	0.105	0.04 (-0.01, 0.09)	0.042	0.028	0.145	0.04 (-0.01, 0.10)
Q9Y4C0	NRXN3	OID30901	192	0.012	0.014	0.397	0.01 (-0.02, 0.04)	0.741	0.001	0.006	0.027	0.825	0.01 (-0.05, 0.06)	0.000	0.802	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)	-0.018	0.026	0.501	-0.02 (-0.07, 0.03)
P12931	SRC	OID21521	192	-0.011	0.013	0.397	-0.01 (-0.04, 0.01)	0.741	0.008	-0.018	0.026	0.487	-0.02 (-0.07, 0.03)	0.000	0.762	-0.010	0.024	0.662	-0.01 (-0.06, 0.04)	-0.031	0.023	0.182	-0.03 (-0.08, 0.01)
P04216	THY1	OID21050	192	0.012	0.015	0.397	0.01 (-0.02, 0.04)	0.741	1.84E-08	-0.052	0.028	0.063	-0.05 (-0.11, 2.42e-03)	0.004	0.007	-0.027	0.019	0.148	-0.03 (-0.06, 0.01)	-0.040	0.021	0.058	-0.04 (-0.08, 1.16e-03)
Q9HD26	GOPC	OID20551	192	-0.011	0.013	0.398	-0.01 (-0.04, 0.01)	0.742	0.008	-0.004	0.026	0.887	-3.63e-03 (-0.05, 0.05)	0.000	0.733	-0.001	0.023	0.955	-1.28e-03 (-0.05, 0.04)	-0.013	0.024	0.579	-0.01 (-0.06, 0.03)
Q6PJW8	CNST	OID20127	192	-0.011	0.014	0.400	-0.01 (-0.04, 0.02)	0.745	0.001	-0.004	0.026	0.890	-3.65e-03 (-0.06, 0.05)	0.000	0.731	0.006	0.022	0.781	0.01 (-0.04, 0.05)	-0.010	0.025	0.693	-0.01 (-0.06, 0.04)
O43889	CREB3	OID31188	192	-0.010	0.012	0.401	-0.01 (-0.03, 0.01)	0.746	0.288	-0.029	0.024	0.234	-0.03 (-0.08, 0.02)	0.001	0.369	-0.005	0.026	0.834	-0.01 (-0.06, 0.05)	-0.010	0.026	0.693	-0.01 (-0.06, 0.04)
A4D1B5	GSAP	OID21173	192	-0.010	0.012	0.402	-0.01 (-0.03, 0.01)	0.746	0.679	0.005	0.023	0.840	4.73e-03 (-0.04, 0.05)	-0.001	0.459	0.009	0.021	0.678	0.01 (-0.03, 0.05)	-0.002	0.025	0.949	-1.61e-03 (-0.05, 0.05)
Q13972	RASGRF1	OID31213	192	-0.010	0.012	0.401	-0.01 (-0.03, 0.01)	0.746	0.292	-0.012	0.024	0.616	-0.01 (-0.06, 0.04)	0.000	0.925	-0.020	0.026	0.430	-0.02 (-0.07, 0.03)	-0.023	0.024	0.355	-0.02 (-0.07, 0.03)
Q9NQI0	DDX4	OID30431	192	0.010	0.012	0.402	0.01 (-0.01, 0.03)	0.747	0.178	0.018	0.025	0.462	0.02 (-0.03, 0.07)	-0.001	0.705	-0.008	0.024	0.749	-0.01 (-0.06, 0.04)	-0.011	0.024	0.660	-0.01 (-0.06, 0.04)
Q5SW79	CEP170	OID30240	192	-0.012	0.014	0.403	-0.01 (-0.04, 0.02)	0.748	5.45E-05	-0.018	0.027	0.516	-0.02 (-0.07, 0.04)	0.000	0.798	-0.015	0.025	0.547	-0.01 (-0.06, 0.03)	-0.034	0.024	0.153	-0.03 (-0.08, 0.01)
Q6PIL6	KCNIP4	OID20813	192	-0.010	0.012	0.404	-0.01 (-0.03, 0.01)	0.750	0.122	-0.021	0.025	0.393	-0.02 (-0.07, 0.03)	0.001	0.599	0.004	0.025	0.864	4.21e-03 (-0.04, 0.05)	0.006	0.026	0.831	0.01 (-0.05, 0.06)
Q9NPI5	NMRK2	OID31163	192	-0.010	0.012	0.405	-0.01 (-0.03, 0.01)	0.750	0.809	-0.004	0.024	0.856	-4.29e-03 (-0.05, 0.04)	0.000	0.772	-0.005	0.023	0.831	-4.99e-03 (-0.05, 0.04)	-0.002	0.025	0.932	-2.12e-03 (-0.05, 0.05)
Q9HCM3	KIAA1549	OID31307	192	0.011	0.013	0.405	0.01 (-0.01, 0.04)	0.750	0.025	0.004	0.026	0.885	3.75e-03 (-0.05, 0.05)	0.000	0.741	0.014	0.026	0.595	0.01 (-0.04, 0.06)	0.004	0.025	0.886	3.63e-03 (-0.05, 0.05)
Q5VSG8	MANEAL	OID31244	192	-0.011	0.013	0.405	-0.01 (-0.04, 0.02)	0.750	0.021	-0.030	0.026	0.243	-0.03 (-0.08, 0.02)	0.001	0.387	-0.043	0.024	0.080	-0.04 (-0.09, 0.01)	-0.040	0.024	0.089	-0.04 (-0.09, 0.01)
Q8N1Q1	CA13	OID20225	192	-0.011	0.013	0.406	-0.01 (-0.04, 0.01)	0.750	0.034	-0.010	0.025	0.686	-0.01 (-0.06, 0.04)	0.000	0.979	-0.002	0.023	0.945	-1.54e-03 (-0.05, 0.04)	-0.017	0.022	0.464	-0.02 (-0.06, 0.03)
O43854	EDIL3	OID20081	192	0.012	0.014	0.406	0.01 (-0.02, 0.04)	0.750	8.91E-05	0.041	0.027	0.131	0.04 (-0.01, 0.09)	-0.002	0.206	0.025	0.018	0.178	0.02 (-0.01, 0.06)	0.035	0.024	0.142	0.03 (-0.01, 0.08)
Q92520	FAM3C	OID20233	192	0.011	0.013	0.406	0.01 (-0.02, 0.04)	0.750	2.43E-04	-0.024	0.026	0.347	-0.02 (-0.08, 0.03)	0.002	0.111	-0.017	0.022	0.454	-0.02 (-0.06, 0.03)	-0.018	0.022	0.407	-0.02 (-0.06, 0.02)
P78324	SIRPA	OID20304	192	0.006	0.007	0.406	0.01 (-0.01, 0.02)	0.750	3.12E-06	-0.001	0.014	0.919	-1.45e-03 (-0.03, 0.03)	0.000	0.535	0.000	0.010	0.963	-4.82e-04 (-0.02, 0.02)	-0.001	0.012	0.907	-1.44e-03 (-0.03, 0.02)
Q9H6E4	CCDC134	OID31413	192	0.012	0.014	0.408	0.01 (-0.02, 0.04)	0.752	9.38E-05	0.031	0.028	0.266	0.03 (-0.02, 0.08)	-0.001	0.423	0.024	0.024	0.312	0.02 (-0.02, 0.07)	0.028	0.024	0.244	0.03 (-0.02, 0.08)
P30304	CDC25A	OID31189	192	-0.010	0.012	0.408	-0.01 (-0.03, 0.01)	0.752	0.263	-0.014	0.024	0.570	-0.01 (-0.06, 0.03)	0.000	0.856	-0.053	0.021	0.011	-0.05 (-0.09, -0.01)	-0.057	0.024	0.019	-0.06 (-0.10, -0.01)
Q96CG8	CTHRC1	OID30393	192	0.011	0.013	0.408	0.01 (-0.01, 0.04)	0.752	9.39E-07	-0.036	0.025	0.157	-0.04 (-0.08, 0.01)	0.003	0.032	-0.012	0.020	0.542	-0.01 (-0.05, 0.03)	-0.011	0.021	0.607	-0.01 (-0.05, 0.03)
Q6QNY0	BLOC1S3	OID31106	192	-0.011	0.013	0.408	-0.01 (-0.04, 0.02)	0.752	0.001	-0.014	0.026	0.594	-0.01 (-0.07, 0.04)	0.000	0.899	-0.008	0.024	0.732	-0.01 (-0.05, 0.04)	-0.019	0.023	0.404	-0.02 (-0.06, 0.03)
P01137	TGFB1	OID20621	192	0.012	0.014	0.409	0.01 (-0.02, 0.04)	0.752	2.01E-05	-0.021	0.027	0.436	-0.02 (-0.07, 0.03)	0.002	0.160	-0.012	0.021	0.566	-0.01 (-0.05, 0.03)	-0.008	0.023	0.742	-0.01 (-0.05, 0.04)
Q5GAN6	RNASE10	OID30238	226	0.007	0.009	0.411	0.01 (-0.01, 0.02)	0.756	0.097	-0.016	0.018	0.399	-0.02 (-0.05, 0.02)	0.001	0.158	-0.030	0.016	0.054	-0.03 (-0.06, 4.72e-04)	-0.037	0.017	0.028	-0.04 (-0.07, -4.24e-03)
Q96NB3	ZNF830	OID31350	192	0.010	0.012	0.411	0.01 (-0.01, 0.03)	0.756	0.959	0.039	0.023	0.090	0.04 (-0.01, 0.08)	-0.002	0.137	-0.004	0.019	0.843	-3.78e-03 (-0.04, 0.03)	-0.002	0.025	0.938	-1.91e-03 (-0.05, 0.05)
Q14807	KIF22	OID30175	192	-0.011	0.014	0.412	-0.01 (-0.04, 0.02)	0.757	0.001	-0.040	0.027	0.138	-0.04 (-0.09, 0.01)	0.002	0.214	-0.026	0.024	0.276	-0.03 (-0.07, 0.02)	-0.015	0.023	0.506	-0.02 (-0.06, 0.03)
Q9P0K1	ADAM22	OID21001	192	-0.010	0.012	0.413	-0.01 (-0.03, 0.01)	0.758	0.003	-0.049	0.023	0.037	-0.05 (-0.09, -3.33e-03)	0.002	0.052	-0.038	0.019	0.049	-0.04 (-0.08, -2.39e-04)	-0.037	0.020	0.070	-0.04 (-0.08, 2.76e-03)
Q8N668	COMMD1	OID30222	192	-0.011	0.014	0.413	-0.01 (-0.04, 0.02)	0.758	0.001	-0.048	0.027	0.072	-0.05 (-0.10, 3.98e-03)	0.002	0.107	-0.056	0.021	0.009	-0.06 (-0.10, -0.01)	-0.058	0.023	0.011	-0.06 (-0.10, -0.01)
Q14246	ADGRE1	OID31483	192	0.011	0.013	0.415	0.01 (-0.02, 0.04)	0.760	0.001	0.014	0.026	0.584	0.01 (-0.04, 0.06)	0.000	0.881	-0.010	0.019	0.586	-0.01 (-0.05, 0.03)	-0.011	0.024	0.659	-0.01 (-0.06, 0.04)
P10070	GLI2	OID30429	192	0.010	0.012	0.414	0.01 (-0.01, 0.03)	0.760	0.103	0.036	0.025	0.148	0.04 (-0.01, 0.08)	-0.002	0.220	-0.018	0.023	0.431	-0.02 (-0.06, 0.03)	-0.014	0.024	0.568	-0.01 (-0.06, 0.03)
P60484	PTEN	OID20794	192	-0.010	0.012	0.414	-0.01 (-0.03, 0.01)	0.760	0.244	-0.013	0.024	0.605	-0.01 (-0.06, 0.03)	0.000	0.896	-0.032	0.023	0.171	-0.03 (-0.08, 0.01)	-0.026	0.027	0.333	-0.03 (-0.08, 0.03)
Q9HC38	GLOD4	OID20710	192	-0.011	0.013	0.415	-0.01 (-0.04, 0.02)	0.760	0.004	-0.001	0.026	0.954	-1.48e-03 (-0.05, 0.05)	-0.001	0.673	0.000	0.023	0.993	2.17e-04 (-0.05, 0.05)	-0.021	0.025	0.403	-0.02 (-0.07, 0.03)
Q496F6	CD300E	OID21418	192	0.010	0.013	0.417	0.01 (-0.01, 0.04)	0.760	7.17E-05	-0.055	0.024	0.024	-0.06 (-0.10, -0.01)	0.004	0.002	-0.016	0.019	0.409	-0.02 (-0.05, 0.02)	-0.051	0.024	0.036	-0.05 (-0.10, -3.54e-03)
O43866	CD5L	OID30775	192	-0.013	0.016	0.417	-0.01 (-0.04, 0.02)	0.760	7.81E-13	-0.004	0.031	0.898	-3.96e-03 (-0.06, 0.06)	-0.001	0.736	-0.020	0.024	0.395	-0.02 (-0.07, 0.03)	-0.010	0.022	0.661	-0.01 (-0.05, 0.03)
P18754	RCC1	OID31356	192	0.010	0.012	0.417	0.01 (-0.01, 0.03)	0.760	0.110	-0.017	0.024	0.476	-0.02 (-0.07, 0.03)	0.002	0.196	-0.018	0.023	0.435	-0.02 (-0.06, 0.03)	-0.005	0.025	0.829	-0.01 (-0.06, 0.04)
Q8WWV3	RTN4IP1	OID31030	192	-0.011	0.014	0.417	-0.01 (-0.04, 0.02)	0.760	1.75E-04	-0.015	0.027	0.590	-0.01 (-0.07, 0.04)	0.000	0.886	-0.022	0.025	0.376	-0.02 (-0.07, 0.03)	-0.036	0.022	0.103	-0.04 (-0.08, 0.01)
Q9BQB4	SOST	OID20204	192	0.011	0.014	0.417	0.01 (-0.02, 0.04)	0.760	1.42E-07	0.004	0.027	0.884	3.91e-03 (-0.05, 0.06)	0.000	0.752	0.031	0.021	0.132	0.03 (-0.01, 0.07)	0.015	0.022	0.493	0.02 (-0.03, 0.06)
O75509	TNFRSF21	OID21052	192	-0.012	0.015	0.415	-0.01 (-0.04, 0.02)	0.760	4.48E-09	-0.046	0.029	0.109	-0.05 (-0.10, 0.01)	0.002	0.167	-0.007	0.023	0.762	-0.01 (-0.05, 0.04)	-0.027	0.022	0.228	-0.03 (-0.07, 0.02)
O60763	USO1	OID21367	192	-0.011	0.013	0.416	-0.01 (-0.04, 0.01)	0.760	0.017	-0.026	0.025	0.311	-0.03 (-0.08, 0.02)	0.001	0.487	-0.019	0.024	0.426	-0.02 (-0.07, 0.03)	-0.031	0.022	0.168	-0.03 (-0.08, 0.01)
Q9NR61	DLL4	OID30255	192	0.013	0.016	0.417	0.01 (-0.02, 0.04)	0.760	6.46E-09	-0.006	0.030	0.845	-0.01 (-0.07, 0.05)	0.001	0.475	-0.005	0.024	0.834	-0.01 (-0.05, 0.04)	-0.004	0.024	0.851	-4.46e-03 (-0.05, 0.04)
P49069	CAMLG	OID30952	192	0.011	0.013	0.418	0.01 (-0.02, 0.04)	0.761	0.012	0.001	0.026	0.955	1.46e-03 (-0.05, 0.05)	0.001	0.674	0.009	0.025	0.720	0.01 (-0.04, 0.06)	0.003	0.024	0.903	2.89e-03 (-0.04, 0.05)
O14503	BHLHE40	OID30873	192	-0.010	0.012	0.419	-0.01 (-0.03, 0.01)	0.761	0.356	-0.049	0.024	0.041	-0.05 (-0.10, -2.30e-03)	0.002	0.056	-0.032	0.023	0.176	-0.03 (-0.08, 0.01)	-0.025	0.022	0.252	-0.03 (-0.07, 0.02)
Q8TF64	GIPC3	OID31507	192	-0.011	0.013	0.419	-0.01 (-0.04, 0.02)	0.761	0.011	-0.013	0.025	0.607	-0.01 (-0.06, 0.04)	0.000	0.909	-0.011	0.024	0.633	-0.01 (-0.06, 0.04)	-0.028	0.024	0.241	-0.03 (-0.08, 0.02)
Q6UXI7	VIT	OID30334	192	0.008	0.010	0.419	0.01 (-0.01, 0.03)	0.761	0.004	-0.017	0.020	0.399	-0.02 (-0.06, 0.02)	0.002	0.142	-0.016	0.015	0.286	-0.02 (-0.05, 0.01)	-0.026	0.019	0.165	-0.03 (-0.06, 0.01)
Q9Y2J4	AMOTL2	OID31351	192	0.011	0.014	0.421	0.01 (-0.02, 0.04)	0.763	0.001	-0.022	0.027	0.406	-0.02 (-0.07, 0.03)	0.002	0.146	-0.013	0.025	0.610	-0.01 (-0.06, 0.04)	-0.031	0.024	0.196	-0.03 (-0.08, 0.02)
P60568	IL2	OID20419	192	-0.010	0.012	0.421	-0.01 (-0.03, 0.01)	0.763	0.435	-0.028	0.024	0.239	-0.03 (-0.07, 0.02)	0.001	0.370	0.018	0.020	0.358	0.02 (-0.02, 0.06)	0.023	0.024	0.342	0.02 (-0.02, 0.07)
P29536	LMOD1	OID31014	192	-0.010	0.012	0.420	-0.01 (-0.03, 0.01)	0.763	0.014	0.003	0.023	0.904	2.78e-03 (-0.04, 0.05)	-0.001	0.532	0.029	0.019	0.124	0.03 (-0.01, 0.07)	0.038	0.023	0.108	0.04 (-0.01, 0.08)
Q16206	ENOX2	OID30152	192	0.010	0.012	0.422	0.01 (-0.01, 0.03)	0.763	0.285	-0.013	0.024	0.573	-0.01 (-0.06, 0.03)	0.001	0.260	-0.028	0.022	0.198	-0.03 (-0.07, 0.01)	-0.028	0.023	0.229	-0.03 (-0.07, 0.02)
P36873	PPP1CC	OID31360	192	-0.010	0.013	0.422	-0.01 (-0.04, 0.01)	0.763	0.020	-0.021	0.025	0.401	-0.02 (-0.07, 0.03)	0.001	0.617	-0.016	0.024	0.505	-0.02 (-0.06, 0.03)	-0.027	0.025	0.280	-0.03 (-0.08, 0.02)
P13727	PRG2	OID30381	192	-0.012	0.015	0.421	-0.01 (-0.04, 0.02)	0.763	2.81E-08	-0.004	0.029	0.883	-4.22e-03 (-0.06, 0.05)	0.000	0.756	-0.029	0.022	0.184	-0.03 (-0.07, 0.01)	-0.013	0.023	0.563	-0.01 (-0.06, 0.03)
Q96SM3	CPXM1	OID21479	192	-0.012	0.015	0.423	-0.01 (-0.04, 0.02)	0.765	4.56E-11	-0.009	0.030	0.773	-0.01 (-0.07, 0.05)	0.000	0.886	-0.025	0.024	0.295	-0.02 (-0.07, 0.02)	-0.017	0.021	0.426	-0.02 (-0.06, 0.02)
P35318	ADM	OID21467	192	0.012	0.016	0.426	0.01 (-0.02, 0.04)	0.766	5.29E-16	-0.046	0.030	0.126	-0.05 (-0.11, 0.01)	0.004	0.024	0.012	0.024	0.621	0.01 (-0.03, 0.06)	0.010	0.022	0.648	0.01 (-0.03, 0.05)
O95180	CACNA1H	OID30064	192	0.010	0.012	0.426	0.01 (-0.01, 0.03)	0.766	0.272	-0.003	0.024	0.894	-3.24e-03 (-0.05, 0.04)	0.001	0.535	0.018	0.025	0.470	0.02 (-0.03, 0.07)	0.016	0.026	0.534	0.02 (-0.03, 0.07)
Q92583	CCL17	OID20745	192	-0.012	0.015	0.425	-0.01 (-0.04, 0.02)	0.766	1.92E-08	-0.029	0.028	0.308	-0.03 (-0.08, 0.03)	0.001	0.476	-0.014	0.023	0.534	-0.01 (-0.06, 0.03)	-0.012	0.021	0.572	-0.01 (-0.05, 0.03)
P09341	CXCL1	OID20762	192	-0.012	0.015	0.425	-0.01 (-0.04, 0.02)	0.766	4.98E-13	0.006	0.029	0.823	0.01 (-0.05, 0.06)	-0.001	0.459	0.006	0.022	0.788	0.01 (-0.04, 0.05)	0.005	0.022	0.831	4.69e-03 (-0.04, 0.05)
Q9UN19	DAPP1	OID20524	192	-0.009	0.012	0.424	-0.01 (-0.03, 0.01)	0.766	0.084	0.000	0.024	0.985	4.49e-04 (-0.05, 0.05)	-0.001	0.638	0.000	0.024	0.984	-4.74e-04 (-0.05, 0.05)	-0.012	0.024	0.624	-0.01 (-0.06, 0.04)
Q9H492	MAP1LC3A	OID30868	192	-0.010	0.012	0.425	-0.01 (-0.03, 0.01)	0.766	0.124	-0.027	0.025	0.281	-0.03 (-0.08, 0.02)	0.001	0.419	-0.014	0.025	0.585	-0.01 (-0.06, 0.04)	-0.019	0.023	0.416	-0.02 (-0.06, 0.03)
Q14162	SCARF1	OID20297	192	-0.010	0.013	0.425	-0.01 (-0.04, 0.02)	0.766	0.001	-0.023	0.025	0.360	-0.02 (-0.07, 0.03)	0.001	0.555	-0.011	0.022	0.620	-0.01 (-0.05, 0.03)	-0.026	0.023	0.252	-0.03 (-0.07, 0.02)
Q15465	SHH	OID30516	192	0.010	0.012	0.426	0.01 (-0.01, 0.03)	0.766	0.110	0.004	0.025	0.869	4.13e-03 (-0.04, 0.05)	0.000	0.797	0.010	0.026	0.695	0.01 (-0.04, 0.06)	0.000	0.026	1.000	-3.99e-06 (-0.05, 0.05)
O95630	STAMBP	OID20955	192	-0.010	0.013	0.425	-0.01 (-0.04, 0.02)	0.766	0.009	-0.020	0.025	0.434	-0.02 (-0.07, 0.03)	0.001	0.664	-0.008	0.024	0.755	-0.01 (-0.06, 0.04)	-0.030	0.024	0.217	-0.03 (-0.08, 0.02)
Q5VVQ6	YOD1	OID30181	192	0.009	0.011	0.425	0.01 (-0.01, 0.03)	0.766	0.173	-0.008	0.023	0.747	-0.01 (-0.05, 0.04)	0.001	0.405	0.002	0.025	0.946	1.66e-03 (-0.05, 0.05)	-0.003	0.024	0.891	-3.33e-03 (-0.05, 0.04)
P14174	MIF	OID21073	192	-0.011	0.013	0.426	-0.01 (-0.04, 0.02)	0.766	0.002	-0.011	0.026	0.664	-0.01 (-0.06, 0.04)	0.000	0.977	-0.007	0.024	0.773	-0.01 (-0.05, 0.04)	-0.030	0.024	0.218	-0.03 (-0.08, 0.02)
Q7Z434	MAVS	OID21204	192	-0.011	0.014	0.427	-0.01 (-0.04, 0.02)	0.766	8.54E-05	-0.023	0.027	0.395	-0.02 (-0.08, 0.03)	0.001	0.606	-0.023	0.024	0.342	-0.02 (-0.07, 0.02)	-0.037	0.023	0.116	-0.04 (-0.08, 0.01)
O15018	PDZD2	OID30151	192	-0.011	0.014	0.427	-0.01 (-0.04, 0.02)	0.766	0.002	-0.029	0.026	0.272	-0.03 (-0.08, 0.02)	0.001	0.421	-0.021	0.025	0.419	-0.02 (-0.07, 0.03)	-0.038	0.025	0.134	-0.04 (-0.09, 0.01)
Q9Y2Y0	ARL2BP	OID30121	192	-0.010	0.013	0.428	-0.01 (-0.04, 0.02)	0.767	0.009	-0.024	0.026	0.345	-0.02 (-0.07, 0.03)	0.001	0.531	-0.015	0.024	0.543	-0.01 (-0.06, 0.03)	-0.023	0.022	0.296	-0.02 (-0.07, 0.02)
Q8N556	AFAP1	OID30569	192	0.008	0.010	0.431	0.01 (-0.01, 0.03)	0.769	0.033	-0.008	0.018	0.676	-0.01 (-0.04, 0.03)	0.001	0.334	0.000	0.017	0.978	-4.67e-04 (-0.03, 0.03)	0.007	0.017	0.682	0.01 (-0.03, 0.04)
Q13740	ALCAM	OID20273	192	0.012	0.015	0.434	0.01 (-0.02, 0.04)	0.769	7.00E-16	-0.017	0.030	0.559	-0.02 (-0.08, 0.04)	0.002	0.249	-0.005	0.024	0.820	-0.01 (-0.05, 0.04)	-0.005	0.021	0.798	-0.01 (-0.05, 0.04)
Q5T5Y3	CAMSAP1	OID31070	62	-0.014	0.018	0.430	-0.01 (-0.05, 0.02)	0.769	0.063	0.015	0.033	0.643	0.02 (-0.05, 0.08)	-0.002	0.260	0.007	0.026	0.787	0.01 (-0.04, 0.06)	0.010	0.025	0.702	0.01 (-0.04, 0.06)
Q9UPV0	CEP164	OID20441	192	0.010	0.012	0.431	0.01 (-0.01, 0.03)	0.769	0.155	0.017	0.025	0.485	0.02 (-0.03, 0.07)	0.000	0.715	0.025	0.023	0.283	0.03 (-0.02, 0.07)	0.021	0.023	0.372	0.02 (-0.02, 0.07)
Q8WTT0	CLEC4C	OID20547	192	0.009	0.011	0.433	0.01 (-0.01, 0.03)	0.769	0.001	0.009	0.021	0.667	0.01 (-0.03, 0.05)	0.000	0.974	0.006	0.020	0.781	0.01 (-0.03, 0.04)	0.017	0.018	0.332	0.02 (-0.02, 0.05)
Q01469	FABP5	OID21043	192	0.010	0.013	0.433	0.01 (-0.02, 0.04)	0.769	0.007	-0.020	0.026	0.442	-0.02 (-0.07, 0.03)	0.002	0.171	0.004	0.022	0.866	3.71e-03 (-0.04, 0.05)	-0.007	0.022	0.735	-0.01 (-0.05, 0.04)
P43628	KIR2DL3	OID21196	192	-0.030	0.038	0.434	-0.03 (-0.10, 0.04)	0.769	0.00E+00	-0.030	0.073	0.686	-0.03 (-0.17, 0.11)	0.000	0.998	0.007	0.021	0.734	0.01 (-0.03, 0.05)	0.012	0.020	0.562	0.01 (-0.03, 0.05)
O00214	LGALS8	OID21041	192	-0.028	0.036	0.432	-0.03 (-0.10, 0.04)	0.769	3.74E-294	-0.012	0.070	0.867	-0.01 (-0.15, 0.13)	-0.001	0.782	0.004	0.023	0.871	3.78e-03 (-0.04, 0.05)	-0.002	0.024	0.932	-2.01e-03 (-0.05, 0.04)
Q9UJ70	NAGK	OID30271	192	-0.011	0.014	0.434	-0.01 (-0.04, 0.02)	0.769	1.97E-04	-0.036	0.027	0.179	-0.04 (-0.09, 0.02)	0.002	0.271	-0.030	0.023	0.192	-0.03 (-0.07, 0.01)	-0.036	0.023	0.116	-0.04 (-0.08, 0.01)
P16284	PECAM1	OID21131	192	-0.022	0.029	0.434	-0.02 (-0.08, 0.03)	0.769	7.65E-154	-0.004	0.055	0.943	-3.93e-03 (-0.11, 0.10)	-0.001	0.698	-0.020	0.022	0.358	-0.02 (-0.06, 0.02)	-0.029	0.021	0.173	-0.03 (-0.07, 0.01)
P01189	POMC	OID30282	192	-0.011	0.013	0.433	-0.01 (-0.04, 0.02)	0.769	1.33E-04	-0.012	0.026	0.645	-0.01 (-0.06, 0.04)	0.000	0.947	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)	0.001	0.022	0.963	1.01e-03 (-0.04, 0.04)
P01236	PRL	OID21033	192	-0.011	0.014	0.433	-0.01 (-0.04, 0.02)	0.769	9.06E-05	-0.027	0.027	0.313	-0.03 (-0.08, 0.03)	0.001	0.480	-0.032	0.024	0.182	-0.03 (-0.08, 0.01)	-0.026	0.024	0.272	-0.03 (-0.07, 0.02)
Q9NRW1	RAB6B	OID20817	192	0.010	0.012	0.429	0.01 (-0.01, 0.03)	0.769	0.390	-0.032	0.024	0.176	-0.03 (-0.08, 0.01)	0.003	0.041	-0.004	0.025	0.856	-4.48e-03 (-0.05, 0.04)	-0.010	0.022	0.653	-0.01 (-0.05, 0.03)
Q969Z4	RELT	OID21142	192	-0.010	0.013	0.432	-0.01 (-0.03, 0.01)	0.769	3.01E-06	-0.045	0.024	0.067	-0.04 (-0.09, 2.95e-03)	0.002	0.096	-0.045	0.020	0.022	-0.05 (-0.08, -0.01)	-0.044	0.021	0.038	-0.04 (-0.08, -2.70e-03)
Q6R327	RICTOR	OID30433	192	-0.010	0.013	0.432	-0.01 (-0.04, 0.02)	0.769	0.025	-0.015	0.026	0.566	-0.01 (-0.07, 0.04)	0.000	0.843	-0.037	0.025	0.132	-0.04 (-0.09, 0.01)	-0.038	0.026	0.142	-0.04 (-0.09, 0.01)
Q16181	SEPTIN7	OID31288	192	0.011	0.014	0.429	0.01 (-0.02, 0.04)	0.769	4.42E-04	0.034	0.027	0.219	0.03 (-0.02, 0.09)	-0.001	0.336	0.035	0.025	0.166	0.04 (-0.01, 0.09)	0.038	0.025	0.132	0.04 (-0.01, 0.09)
Q96DU3	SLAMF6	OID21254	192	0.010	0.013	0.432	0.01 (-0.02, 0.04)	0.769	0.023	0.017	0.025	0.512	0.02 (-0.03, 0.07)	0.000	0.769	0.034	0.025	0.179	0.03 (-0.02, 0.08)	0.034	0.025	0.168	0.03 (-0.01, 0.08)
Q9UQE7	SMC3	OID31195	192	0.010	0.012	0.434	0.01 (-0.01, 0.03)	0.769	0.166	-0.019	0.025	0.437	-0.02 (-0.07, 0.03)	0.002	0.176	-0.013	0.020	0.511	-0.01 (-0.05, 0.03)	-0.038	0.024	0.121	-0.04 (-0.09, 0.01)
Q9UGT4	SUSD2	OID21098	192	0.011	0.013	0.433	0.01 (-0.02, 0.04)	0.769	1.82E-07	0.020	0.026	0.444	0.02 (-0.03, 0.07)	-0.001	0.673	0.002	0.022	0.937	1.73e-03 (-0.04, 0.04)	0.008	0.021	0.717	0.01 (-0.03, 0.05)
Q03518	TAP1	OID31289	192	0.009	0.012	0.434	0.01 (-0.01, 0.03)	0.769	0.533	0.014	0.023	0.538	0.01 (-0.03, 0.06)	0.000	0.804	0.023	0.025	0.363	0.02 (-0.03, 0.07)	0.019	0.027	0.487	0.02 (-0.03, 0.07)
P13051	UNG	OID31419	192	0.010	0.013	0.433	0.01 (-0.02, 0.04)	0.769	0.025	0.006	0.026	0.804	0.01 (-0.04, 0.06)	0.000	0.857	-0.009	0.024	0.717	-0.01 (-0.06, 0.04)	-0.003	0.024	0.901	-2.99e-03 (-0.05, 0.04)
O15240	VGF	OID31067	192	-0.011	0.014	0.431	-0.01 (-0.04, 0.02)	0.769	1.48E-06	0.037	0.028	0.185	0.04 (-0.02, 0.09)	-0.003	0.044	0.003	0.023	0.881	3.48e-03 (-0.04, 0.05)	-0.002	0.025	0.922	-2.42e-03 (-0.05, 0.05)
P61978	HNRNPK	OID20051	192	0.009	0.012	0.435	0.01 (-0.01, 0.03)	0.769	0.087	0.002	0.025	0.924	2.36e-03 (-0.05, 0.05)	0.000	0.744	0.026	0.023	0.249	0.03 (-0.02, 0.07)	0.015	0.023	0.520	0.01 (-0.03, 0.06)
P58107	EPPK1	OID30250	192	0.008	0.011	0.435	0.01 (-0.01, 0.03)	0.769	0.081	-0.003	0.023	0.910	-2.55e-03 (-0.05, 0.04)	0.001	0.569	-0.009	0.022	0.696	-0.01 (-0.05, 0.04)	-0.001	0.025	0.964	-1.11e-03 (-0.05, 0.05)
Q15652	JMJD1C	OID31172	192	-0.009	0.012	0.436	-0.01 (-0.03, 0.01)	0.771	0.802	-0.020	0.024	0.406	-0.02 (-0.07, 0.03)	0.001	0.615	-0.017	0.024	0.476	-0.02 (-0.06, 0.03)	-0.012	0.022	0.580	-0.01 (-0.06, 0.03)
Q8N5S9	CAMKK1	OID21182	192	0.010	0.013	0.437	0.01 (-0.02, 0.04)	0.772	0.006	-0.004	0.026	0.870	-4.24e-03 (-0.06, 0.05)	0.001	0.511	0.022	0.025	0.362	0.02 (-0.03, 0.07)	0.013	0.024	0.574	0.01 (-0.03, 0.06)
Q9UKW4	VAV3	OID30795	192	-0.011	0.014	0.438	-0.01 (-0.04, 0.02)	0.773	4.60E-04	-0.017	0.027	0.519	-0.02 (-0.07, 0.04)	0.000	0.774	-0.013	0.026	0.609	-0.01 (-0.06, 0.04)	-0.026	0.022	0.239	-0.03 (-0.07, 0.02)
P49765	VEGFB	OID30554	192	-0.011	0.014	0.438	-0.01 (-0.04, 0.02)	0.773	2.47E-05	-0.034	0.028	0.222	-0.03 (-0.09, 0.02)	0.001	0.336	-0.050	0.023	0.030	-0.05 (-0.10, -4.82e-03)	-0.061	0.024	0.013	-0.06 (-0.11, -0.01)
Q9BVM4	GGACT	OID30290	192	-0.010	0.013	0.439	-0.01 (-0.04, 0.02)	0.773	4.64E-04	0.002	0.025	0.939	1.97e-03 (-0.05, 0.05)	-0.001	0.579	-0.007	0.022	0.738	-0.01 (-0.05, 0.04)	-0.032	0.021	0.134	-0.03 (-0.07, 0.01)
Q9UHI8	ADAMTS1	OID30528	192	0.009	0.012	0.442	0.01 (-0.01, 0.03)	0.774	0.261	0.006	0.024	0.800	0.01 (-0.04, 0.05)	0.000	0.880	0.000	0.025	0.994	-1.81e-04 (-0.05, 0.05)	-0.002	0.025	0.938	-1.90e-03 (-0.05, 0.05)
Q6PUV4	CPLX2	OID31186	192	-0.009	0.012	0.441	-0.01 (-0.03, 0.01)	0.774	0.136	-0.008	0.025	0.746	-0.01 (-0.06, 0.04)	0.000	0.951	-0.040	0.020	0.045	-0.04 (-0.08, -8.87e-04)	-0.045	0.026	0.082	-0.05 (-0.10, 0.01)
P28325	CST5	OID20995	192	-0.008	0.011	0.440	-0.01 (-0.03, 0.01)	0.774	0.002	0.027	0.021	0.199	0.03 (-0.01, 0.07)	-0.002	0.049	0.012	0.019	0.508	0.01 (-0.02, 0.05)	0.018	0.019	0.355	0.02 (-0.02, 0.06)
P25116	F2R	OID20691	192	-0.012	0.016	0.442	-0.01 (-0.04, 0.02)	0.774	2.77E-12	-0.009	0.031	0.775	-0.01 (-0.07, 0.05)	0.000	0.899	-0.005	0.025	0.842	-4.89e-03 (-0.05, 0.04)	-0.014	0.024	0.563	-0.01 (-0.06, 0.03)
Q8WV07	LTO1	OID20434	192	0.009	0.012	0.441	0.01 (-0.01, 0.03)	0.774	0.491	0.004	0.023	0.850	4.42e-03 (-0.04, 0.05)	0.000	0.808	0.032	0.023	0.152	0.03 (-0.01, 0.08)	0.028	0.024	0.233	0.03 (-0.02, 0.07)
Q9Y2Y8	PRG3	OID30383	192	-0.012	0.015	0.441	-0.01 (-0.04, 0.02)	0.774	7.55E-11	0.018	0.030	0.538	0.02 (-0.04, 0.08)	-0.002	0.237	-0.002	0.022	0.928	-2.02e-03 (-0.05, 0.04)	-0.010	0.023	0.664	-0.01 (-0.05, 0.03)
P50454	SERPINH1	OID31322	192	0.011	0.014	0.441	0.01 (-0.02, 0.04)	0.774	1.28E-05	0.017	0.028	0.532	0.02 (-0.04, 0.07)	0.000	0.790	0.009	0.024	0.692	0.01 (-0.04, 0.06)	0.007	0.021	0.737	0.01 (-0.03, 0.05)
O00161	SNAP23	OID20218	192	-0.010	0.013	0.442	-0.01 (-0.04, 0.02)	0.774	0.006	-0.015	0.026	0.565	-0.01 (-0.07, 0.04)	0.000	0.834	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)	-0.021	0.024	0.380	-0.02 (-0.07, 0.03)
Q6N021	TET2	OID31266	192	-0.009	0.012	0.440	-0.01 (-0.03, 0.01)	0.774	0.391	-0.003	0.024	0.889	-3.31e-03 (-0.05, 0.04)	0.000	0.768	0.021	0.020	0.278	0.02 (-0.02, 0.06)	0.017	0.024	0.476	0.02 (-0.03, 0.06)
Q9P2D8	UNC79	OID31181	192	-0.009	0.012	0.439	-0.01 (-0.03, 0.01)	0.774	0.096	-0.017	0.025	0.494	-0.02 (-0.07, 0.03)	0.000	0.716	-0.003	0.024	0.882	-3.50e-03 (-0.05, 0.04)	-0.007	0.021	0.737	-0.01 (-0.05, 0.03)
Q13426	XRCC4	OID20869	192	0.011	0.014	0.441	0.01 (-0.02, 0.04)	0.774	0.003	0.006	0.027	0.821	0.01 (-0.05, 0.06)	0.000	0.843	0.010	0.025	0.689	0.01 (-0.04, 0.06)	0.004	0.025	0.862	4.38e-03 (-0.04, 0.05)
Q9NNX6	CD209	OID20262	192	0.056	0.073	0.444	0.06 (-0.09, 0.20)	0.776	0.00E+00	-0.008	0.141	0.956	-0.01 (-0.28, 0.27)	0.004	0.599	-0.019	0.021	0.362	-0.02 (-0.06, 0.02)	-0.011	0.023	0.618	-0.01 (-0.06, 0.03)
P55789	GFER	OID21259	192	0.011	0.014	0.444	0.01 (-0.02, 0.04)	0.776	7.23E-05	-0.025	0.027	0.364	-0.02 (-0.08, 0.03)	0.002	0.129	-0.009	0.024	0.705	-0.01 (-0.06, 0.04)	-0.009	0.021	0.676	-0.01 (-0.05, 0.03)
P98164	LRP2	OID30960	192	0.010	0.013	0.444	0.01 (-0.02, 0.04)	0.776	0.025	0.014	0.026	0.597	0.01 (-0.04, 0.06)	0.000	0.875	0.027	0.024	0.261	0.03 (-0.02, 0.07)	0.009	0.024	0.701	0.01 (-0.04, 0.06)
Q9Y6I3	EPN1	OID31252	192	0.009	0.012	0.445	0.01 (-0.01, 0.03)	0.777	0.382	-0.013	0.024	0.581	-0.01 (-0.06, 0.03)	0.001	0.273	-0.003	0.020	0.867	-3.29e-03 (-0.04, 0.04)	-0.010	0.028	0.724	-0.01 (-0.06, 0.04)
Q9Y5P4	CERT1	OID20857	192	0.010	0.013	0.445	0.01 (-0.02, 0.04)	0.777	0.030	0.008	0.025	0.746	0.01 (-0.04, 0.06)	0.000	0.936	0.021	0.024	0.396	0.02 (-0.03, 0.07)	0.002	0.025	0.943	1.80e-03 (-0.05, 0.05)
P42331	ARHGAP25	OID21255	192	0.009	0.012	0.448	0.01 (-0.01, 0.03)	0.777	0.153	0.020	0.024	0.401	0.02 (-0.03, 0.07)	-0.001	0.584	0.016	0.025	0.526	0.02 (-0.03, 0.07)	0.008	0.022	0.709	0.01 (-0.04, 0.05)
P50895	BCAM	OID21076	192	0.025	0.033	0.446	0.03 (-0.04, 0.09)	0.777	7.88E-246	-0.008	0.064	0.907	-0.01 (-0.13, 0.12)	0.002	0.553	-0.008	0.021	0.687	-0.01 (-0.05, 0.03)	-0.005	0.022	0.817	-0.01 (-0.05, 0.04)
P12644	BMP4	OID20994	192	0.010	0.014	0.446	0.01 (-0.02, 0.04)	0.777	0.001	0.006	0.026	0.814	0.01 (-0.05, 0.06)	0.000	0.855	-0.020	0.021	0.357	-0.02 (-0.06, 0.02)	-0.019	0.022	0.381	-0.02 (-0.06, 0.02)
P22301	IL10	OID20431	192	0.010	0.014	0.448	0.01 (-0.02, 0.04)	0.777	0.004	0.004	0.026	0.877	4.09e-03 (-0.05, 0.06)	0.000	0.784	0.004	0.024	0.877	3.69e-03 (-0.04, 0.05)	0.008	0.023	0.742	0.01 (-0.04, 0.05)
Q13007	IL24	OID20440	192	-0.009	0.012	0.447	-0.01 (-0.03, 0.01)	0.777	0.469	-0.040	0.023	0.091	-0.04 (-0.09, 0.01)	0.002	0.128	0.006	0.025	0.803	0.01 (-0.04, 0.05)	-0.002	0.026	0.925	-2.48e-03 (-0.05, 0.05)
P16455	MGMT	OID20588	192	-0.009	0.012	0.447	-0.01 (-0.03, 0.01)	0.777	0.038	0.001	0.024	0.975	7.57e-04 (-0.05, 0.05)	-0.001	0.629	-0.004	0.022	0.862	-3.86e-03 (-0.05, 0.04)	-0.023	0.022	0.293	-0.02 (-0.07, 0.02)
P09238	MMP10	OID20687	192	0.009	0.012	0.447	0.01 (-0.01, 0.03)	0.777	0.042	0.025	0.023	0.291	0.02 (-0.02, 0.07)	-0.001	0.437	0.017	0.021	0.418	0.02 (-0.02, 0.06)	0.005	0.021	0.827	4.53e-03 (-0.04, 0.04)
P23515	OMG	OID21352	192	-0.011	0.015	0.447	-0.01 (-0.04, 0.02)	0.777	1.94E-08	0.026	0.029	0.359	0.03 (-0.03, 0.08)	-0.002	0.127	-0.018	0.024	0.459	-0.02 (-0.06, 0.03)	-0.017	0.022	0.456	-0.02 (-0.06, 0.03)
Q14123	PDE1C	OID31201	192	0.009	0.012	0.448	0.01 (-0.01, 0.03)	0.777	0.471	0.005	0.024	0.821	0.01 (-0.04, 0.05)	0.000	0.849	0.001	0.024	0.968	9.64e-04 (-0.05, 0.05)	0.004	0.024	0.873	3.79e-03 (-0.04, 0.05)
Q8IWL2	SFTPA1	OID21165	192	0.009	0.012	0.446	0.01 (-0.01, 0.03)	0.777	0.201	0.010	0.024	0.680	0.01 (-0.04, 0.06)	0.000	0.965	0.003	0.024	0.909	2.75e-03 (-0.04, 0.05)	-0.003	0.024	0.888	-3.43e-03 (-0.05, 0.04)
O60232	ZNRD2	OID31450	192	0.011	0.014	0.448	0.01 (-0.02, 0.04)	0.777	8.75E-05	-0.016	0.027	0.545	-0.02 (-0.07, 0.04)	0.002	0.245	-0.029	0.020	0.145	-0.03 (-0.07, 0.01)	-0.046	0.024	0.063	-0.05 (-0.09, 2.24e-03)
P20742	PZP	OID30730	192	0.008	0.010	0.449	0.01 (-0.01, 0.03)	0.778	5.04E-07	-0.006	0.020	0.777	-0.01 (-0.04, 0.03)	0.001	0.432	0.012	0.017	0.490	0.01 (-0.02, 0.04)	0.018	0.017	0.294	0.02 (-0.02, 0.05)
P35225	IL13	OID20430	192	-0.009	0.012	0.451	-0.01 (-0.03, 0.01)	0.782	0.391	-0.027	0.024	0.258	-0.03 (-0.07, 0.02)	0.001	0.383	-0.033	0.022	0.131	-0.03 (-0.08, 0.01)	-0.029	0.026	0.251	-0.03 (-0.08, 0.02)
O43312	MTSS1	OID31492	192	0.010	0.013	0.452	0.01 (-0.02, 0.04)	0.782	0.006	-0.011	0.025	0.668	-0.01 (-0.06, 0.04)	0.001	0.341	-0.002	0.024	0.929	-2.17e-03 (-0.05, 0.05)	-0.014	0.023	0.526	-0.01 (-0.06, 0.03)
Q9BWV1	BOC	OID20116	192	-0.011	0.015	0.453	-0.01 (-0.04, 0.02)	0.782	1.24E-08	-0.001	0.029	0.966	-1.25e-03 (-0.06, 0.06)	-0.001	0.688	0.002	0.025	0.942	1.84e-03 (-0.05, 0.05)	0.032	0.025	0.203	0.03 (-0.02, 0.08)
Q8IWQ3	BRSK2	OID31042	192	-0.009	0.012	0.452	-0.01 (-0.03, 0.01)	0.782	0.009	-0.023	0.024	0.332	-0.02 (-0.07, 0.02)	0.001	0.496	-0.007	0.023	0.741	-0.01 (-0.05, 0.04)	-0.005	0.022	0.807	-0.01 (-0.05, 0.04)
Q14203	DCTN1	OID21399	192	-0.010	0.014	0.453	-0.01 (-0.04, 0.02)	0.782	2.36E-04	-0.007	0.027	0.805	-0.01 (-0.06, 0.05)	0.000	0.872	-0.007	0.025	0.771	-0.01 (-0.06, 0.04)	-0.013	0.023	0.564	-0.01 (-0.06, 0.03)
O43524	FOXO3	OID21271	192	0.010	0.013	0.454	0.01 (-0.02, 0.04)	0.782	0.040	0.029	0.025	0.257	0.03 (-0.02, 0.08)	-0.001	0.383	0.011	0.025	0.670	0.01 (-0.04, 0.06)	0.007	0.023	0.760	0.01 (-0.04, 0.05)
P23229	ITGA6	OID20528	192	-0.012	0.016	0.454	-0.01 (-0.04, 0.02)	0.782	7.14E-11	-0.005	0.030	0.876	-4.73e-03 (-0.06, 0.05)	0.000	0.789	-0.002	0.024	0.917	-2.50e-03 (-0.05, 0.04)	-0.008	0.023	0.720	-0.01 (-0.05, 0.04)
Q7L5Y9	MAEA	OID21206	192	0.009	0.012	0.454	0.01 (-0.01, 0.03)	0.782	0.531	0.001	0.023	0.952	1.40e-03 (-0.04, 0.05)	0.000	0.704	-0.015	0.024	0.519	-0.02 (-0.06, 0.03)	-0.005	0.024	0.848	-4.56e-03 (-0.05, 0.04)
P11234	RALB	OID30567	192	0.010	0.013	0.453	0.01 (-0.02, 0.04)	0.782	0.024	0.022	0.026	0.390	0.02 (-0.03, 0.07)	-0.001	0.580	-0.002	0.024	0.936	-1.93e-03 (-0.05, 0.05)	0.008	0.025	0.752	0.01 (-0.04, 0.06)
P49755	TMED10	OID30068	192	0.009	0.012	0.454	0.01 (-0.01, 0.03)	0.782	0.564	-0.014	0.023	0.556	-0.01 (-0.06, 0.03)	0.001	0.256	0.008	0.025	0.750	0.01 (-0.04, 0.06)	-0.001	0.025	0.963	-1.17e-03 (-0.05, 0.05)
P07766	CD3E	OID31302	109	-0.012	0.016	0.452	-0.01 (-0.04, 0.02)	0.782	0.203	-0.005	0.029	0.860	-0.01 (-0.06, 0.05)	0.000	0.785	-0.031	0.027	0.254	-0.03 (-0.08, 0.02)	-0.018	0.026	0.481	-0.02 (-0.07, 0.03)
Q01484	ANK2	OID30161	192	-0.009	0.012	0.455	-0.01 (-0.03, 0.01)	0.782	0.282	0.014	0.024	0.555	0.01 (-0.03, 0.06)	-0.001	0.261	-0.024	0.025	0.346	-0.02 (-0.07, 0.03)	-0.020	0.025	0.429	-0.02 (-0.07, 0.03)
O14578	CIT	OID30970	192	-0.009	0.012	0.455	-0.01 (-0.03, 0.01)	0.782	0.304	-0.017	0.023	0.472	-0.02 (-0.06, 0.03)	0.001	0.688	-0.034	0.023	0.132	-0.03 (-0.08, 0.01)	-0.020	0.024	0.418	-0.02 (-0.07, 0.03)
Q9NP85	NPHS2	OID30462	192	0.010	0.013	0.455	0.01 (-0.02, 0.04)	0.782	0.030	-0.004	0.026	0.869	-4.26e-03 (-0.05, 0.05)	0.001	0.522	0.021	0.025	0.394	0.02 (-0.03, 0.07)	0.024	0.024	0.315	0.02 (-0.02, 0.07)
P43489	TNFRSF4	OID20653	192	0.011	0.015	0.455	0.01 (-0.02, 0.04)	0.782	1.05E-09	-0.041	0.029	0.158	-0.04 (-0.10, 0.02)	0.003	0.036	0.002	0.023	0.942	1.69e-03 (-0.04, 0.05)	0.002	0.024	0.917	2.48e-03 (-0.04, 0.05)
Q7Z5L3	C1QL2	OID30515	133	-0.012	0.016	0.455	-0.01 (-0.04, 0.02)	0.782	2.56E-05	-0.030	0.030	0.331	-0.03 (-0.09, 0.03)	0.001	0.498	-0.032	0.025	0.194	-0.03 (-0.08, 0.02)	-0.013	0.026	0.599	-0.01 (-0.06, 0.04)
P36941	LTBR	OID20768	192	-0.011	0.014	0.456	-0.01 (-0.04, 0.02)	0.782	2.74E-07	-0.054	0.027	0.051	-0.05 (-0.11, -2.17e-04)	0.003	0.066	-0.030	0.024	0.224	-0.03 (-0.08, 0.02)	-0.034	0.021	0.105	-0.03 (-0.08, 0.01)
P52848	NDST1	OID31369	192	-0.009	0.012	0.456	-0.01 (-0.03, 0.01)	0.782	0.056	-0.006	0.025	0.825	-0.01 (-0.05, 0.04)	0.000	0.877	-0.010	0.024	0.668	-0.01 (-0.06, 0.04)	-0.017	0.022	0.440	-0.02 (-0.06, 0.03)
P30044	PRDX5	OID20644	192	-0.010	0.013	0.456	-0.01 (-0.04, 0.02)	0.782	0.001	-0.005	0.026	0.855	-4.80e-03 (-0.06, 0.05)	0.000	0.815	-0.016	0.024	0.519	-0.02 (-0.06, 0.03)	-0.020	0.024	0.409	-0.02 (-0.07, 0.03)
Q9UQ16	DNM3	OID31000	192	0.011	0.015	0.457	0.01 (-0.02, 0.04)	0.783	1.46E-10	-0.047	0.030	0.112	-0.05 (-0.11, 0.01)	0.004	0.021	0.006	0.023	0.812	0.01 (-0.04, 0.05)	-0.008	0.022	0.715	-0.01 (-0.05, 0.04)
P35052	GPC1	OID21438	192	0.013	0.018	0.457	0.01 (-0.02, 0.05)	0.783	2.98E-28	-0.018	0.034	0.602	-0.02 (-0.08, 0.05)	0.002	0.291	-0.030	0.022	0.167	-0.03 (-0.07, 0.01)	-0.034	0.020	0.100	-0.03 (-0.07, 0.01)
P61764	STXBP1	OID31054	192	-0.011	0.015	0.457	-0.01 (-0.04, 0.02)	0.783	1.40E-06	-0.007	0.029	0.793	-0.01 (-0.06, 0.05)	0.000	0.889	-0.003	0.023	0.888	-3.31e-03 (-0.05, 0.04)	-0.004	0.022	0.853	-4.17e-03 (-0.05, 0.04)
P11310	ACADM	OID31277	192	0.009	0.012	0.459	0.01 (-0.01, 0.03)	0.784	0.826	0.049	0.023	0.037	0.05 (3.37e-03, 0.09)	-0.003	0.046	0.033	0.022	0.129	0.03 (-0.01, 0.08)	0.031	0.023	0.184	0.03 (-0.01, 0.08)
P11274	BCR	OID20558	192	-0.010	0.013	0.458	-0.01 (-0.03, 0.02)	0.784	0.019	0.007	0.025	0.783	0.01 (-0.04, 0.06)	-0.001	0.443	0.005	0.021	0.822	4.76e-03 (-0.04, 0.05)	-0.001	0.024	0.957	-1.33e-03 (-0.05, 0.05)
Q9HD42	CHMP1A	OID20930	192	-0.010	0.013	0.459	-0.01 (-0.04, 0.02)	0.784	0.004	-0.001	0.026	0.984	-5.30e-04 (-0.05, 0.05)	-0.001	0.673	0.002	0.023	0.948	1.53e-03 (-0.04, 0.05)	0.000	0.024	0.984	4.90e-04 (-0.05, 0.05)
P02671	FGA	OID30788	192	-0.011	0.015	0.459	-0.01 (-0.04, 0.02)	0.784	2.02E-11	-0.073	0.030	0.015	-0.07 (-0.13, -0.01)	0.004	0.017	-0.020	0.024	0.395	-0.02 (-0.07, 0.03)	-0.026	0.022	0.255	-0.03 (-0.07, 0.02)
Q6ZRY4	RBPMS2	OID30257	192	-0.010	0.014	0.461	-0.01 (-0.04, 0.02)	0.787	1.51E-04	-0.044	0.027	0.106	-0.04 (-0.10, 0.01)	0.002	0.149	-0.028	0.024	0.234	-0.03 (-0.07, 0.02)	-0.029	0.022	0.189	-0.03 (-0.07, 0.01)
P07954	FH	OID30839	192	-0.009	0.012	0.461	-0.01 (-0.03, 0.01)	0.787	0.630	-0.009	0.023	0.701	-0.01 (-0.06, 0.04)	0.000	0.996	-0.033	0.023	0.150	-0.03 (-0.08, 0.01)	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)
Q9UBG3	CRNN	OID21427	192	-0.010	0.014	0.462	-0.01 (-0.04, 0.02)	0.788	4.21E-12	-0.014	0.027	0.607	-0.01 (-0.07, 0.04)	0.000	0.874	0.015	0.018	0.409	0.02 (-0.02, 0.05)	0.004	0.022	0.865	3.82e-03 (-0.04, 0.05)
Q96PU5	NEDD4L	OID30521	192	0.009	0.012	0.463	0.01 (-0.01, 0.03)	0.788	0.343	0.024	0.023	0.294	0.02 (-0.02, 0.07)	-0.001	0.428	0.028	0.023	0.238	0.03 (-0.02, 0.07)	0.016	0.025	0.525	0.02 (-0.03, 0.06)
Q14790	CASP8	OID21414	192	-0.010	0.013	0.463	-0.01 (-0.04, 0.02)	0.789	0.001	-0.001	0.026	0.970	-9.77e-04 (-0.05, 0.05)	-0.001	0.692	0.008	0.024	0.745	0.01 (-0.04, 0.05)	-0.004	0.025	0.868	-4.17e-03 (-0.05, 0.05)
Q16864	ATP6V1F	OID20843	192	-0.009	0.012	0.465	-0.01 (-0.03, 0.01)	0.789	0.074	-0.017	0.025	0.494	-0.02 (-0.07, 0.03)	0.001	0.697	-0.035	0.022	0.117	-0.04 (-0.08, 0.01)	-0.037	0.023	0.117	-0.04 (-0.08, 0.01)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q14643	ITPR1	OID30216	192	-0.010	0.014	0.465	-0.01 (-0.04, 0.02)	0.789	8.12E-05	-0.024	0.028	0.393	-0.02 (-0.08, 0.03)	0.001	0.576	0.002	0.026	0.934	2.13e-03 (-0.05, 0.05)	0.002	0.025	0.933	2.13e-03 (-0.05, 0.05)
Q8NHJ6	LILRB4	OID20429	192	0.023	0.031	0.464	0.02 (-0.04, 0.08)	0.789	2.16E-262	-0.007	0.060	0.913	-0.01 (-0.12, 0.11)	0.002	0.570	-0.005	0.018	0.788	-4.74e-03 (-0.04, 0.03)	-0.009	0.021	0.667	-0.01 (-0.05, 0.03)
Q9Y639	NPTN	OID21235	192	-0.009	0.012	0.465	-0.01 (-0.03, 0.01)	0.789	0.278	0.029	0.024	0.229	0.03 (-0.02, 0.08)	-0.002	0.067	-0.035	0.021	0.101	-0.04 (-0.08, 0.01)	-0.032	0.028	0.255	-0.03 (-0.09, 0.02)
P20774	OGN	OID21123	192	0.009	0.013	0.464	0.01 (-0.02, 0.03)	0.789	6.18E-09	-0.039	0.025	0.112	-0.04 (-0.09, 0.01)	0.003	0.022	-0.004	0.017	0.817	-3.90e-03 (-0.04, 0.03)	-0.054	0.022	0.016	-0.05 (-0.10, -0.01)
P01298	PPY	OID21516	192	-0.015	0.020	0.466	-0.01 (-0.05, 0.02)	0.789	8.97E-44	-0.001	0.039	0.978	-1.11e-03 (-0.08, 0.08)	-0.001	0.686	0.048	0.020	0.017	0.05 (0.01, 0.09)	0.074	0.023	0.001	0.07 (0.03, 0.12)
Q06609	RAD51	OID31254	192	-0.009	0.012	0.465	-0.01 (-0.03, 0.01)	0.789	0.571	-0.026	0.023	0.255	-0.03 (-0.07, 0.02)	0.001	0.374	0.007	0.024	0.757	0.01 (-0.04, 0.05)	0.006	0.023	0.796	0.01 (-0.04, 0.05)
Q13043	STK4	OID20140	192	-0.009	0.012	0.465	-0.01 (-0.03, 0.01)	0.789	0.057	-0.017	0.025	0.502	-0.02 (-0.07, 0.03)	0.001	0.706	0.001	0.023	0.955	1.28e-03 (-0.04, 0.05)	-0.011	0.024	0.651	-0.01 (-0.06, 0.04)
Q6UXB2	CXCL17	OID20622	192	0.010	0.013	0.467	0.01 (-0.02, 0.04)	0.791	1.26E-07	0.013	0.026	0.606	0.01 (-0.04, 0.06)	0.000	0.868	0.016	0.022	0.459	0.02 (-0.03, 0.06)	0.010	0.022	0.654	0.01 (-0.03, 0.05)
Q9Y3D3	MRPS16	OID30489	192	0.009	0.012	0.467	0.01 (-0.01, 0.03)	0.791	0.850	-0.006	0.023	0.801	-0.01 (-0.05, 0.04)	0.001	0.465	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)	-0.013	0.024	0.587	-0.01 (-0.06, 0.03)
P78560	CRADD	OID20923	192	-0.010	0.013	0.468	-0.01 (-0.04, 0.02)	0.791	0.006	-0.002	0.026	0.925	-2.43e-03 (-0.05, 0.05)	0.000	0.744	-0.005	0.024	0.831	-0.01 (-0.05, 0.04)	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)
O60760	HPGDS	OID21266	192	-0.010	0.014	0.468	-0.01 (-0.04, 0.02)	0.791	2.75E-06	0.006	0.026	0.819	0.01 (-0.05, 0.06)	-0.001	0.481	0.002	0.023	0.936	1.88e-03 (-0.04, 0.05)	0.007	0.024	0.762	0.01 (-0.04, 0.05)
P12270	TPR	OID30143	128	0.010	0.014	0.468	0.01 (-0.02, 0.04)	0.791	0.395	-0.031	0.026	0.231	-0.03 (-0.08, 0.02)	0.003	0.059	0.000	0.023	0.996	1.11e-04 (-0.04, 0.05)	-0.016	0.025	0.524	-0.02 (-0.06, 0.03)
O95684	CEP43	OID20084	192	0.009	0.013	0.469	0.01 (-0.02, 0.04)	0.792	0.020	0.006	0.025	0.810	0.01 (-0.04, 0.06)	0.000	0.878	0.017	0.024	0.473	0.02 (-0.03, 0.06)	-0.003	0.025	0.892	-3.39e-03 (-0.05, 0.05)
P34913	EPHX2	OID20119	192	0.010	0.014	0.469	0.01 (-0.02, 0.04)	0.792	2.61E-04	-0.018	0.027	0.512	-0.02 (-0.07, 0.04)	0.002	0.230	0.011	0.026	0.679	0.01 (-0.04, 0.06)	0.001	0.027	0.957	1.43e-03 (-0.05, 0.05)
Q9UGI9	PRKAG3	OID30941	192	0.009	0.012	0.469	0.01 (-0.01, 0.03)	0.792	0.685	0.015	0.023	0.527	0.01 (-0.03, 0.06)	0.000	0.762	0.016	0.024	0.501	0.02 (-0.03, 0.06)	0.014	0.024	0.558	0.01 (-0.03, 0.06)
Q86U17	SERPINA11	OID20281	192	-0.008	0.011	0.470	-0.01 (-0.03, 0.01)	0.792	3.61E-08	0.038	0.022	0.086	0.04 (-0.01, 0.08)	-0.003	0.015	0.019	0.018	0.298	0.02 (-0.02, 0.05)	0.020	0.021	0.336	0.02 (-0.02, 0.06)
P01588	EPO	OID20522	192	0.010	0.014	0.471	0.01 (-0.02, 0.04)	0.793	0.001	-0.048	0.026	0.068	-0.05 (-0.10, 3.35e-03)	0.004	0.011	-0.032	0.020	0.102	-0.03 (-0.07, 0.01)	-0.030	0.024	0.210	-0.03 (-0.08, 0.02)
Q92956	TNFRSF14	OID20783	192	0.010	0.014	0.471	0.01 (-0.02, 0.04)	0.793	1.72E-05	-0.044	0.027	0.108	-0.04 (-0.10, 0.01)	0.003	0.021	-0.012	0.024	0.613	-0.01 (-0.06, 0.04)	-0.004	0.025	0.876	-3.92e-03 (-0.05, 0.05)
P22748	CA4	OID20241	87	-0.015	0.021	0.472	-0.02 (-0.06, 0.03)	0.793	3.52E-05	0.019	0.036	0.587	0.02 (-0.05, 0.09)	-0.002	0.236	0.001	0.027	0.972	9.43e-04 (-0.05, 0.05)	0.007	0.025	0.792	0.01 (-0.04, 0.06)
P04234	CD3D	OID30827	192	0.009	0.012	0.475	0.01 (-0.02, 0.03)	0.793	0.379	-0.009	0.024	0.721	-0.01 (-0.06, 0.04)	0.001	0.401	-0.012	0.024	0.627	-0.01 (-0.06, 0.04)	-0.011	0.023	0.643	-0.01 (-0.06, 0.03)
Q3KPI0	CEACAM21	OID20548	192	0.005	0.008	0.476	0.01 (-0.01, 0.02)	0.793	0.088	-0.018	0.016	0.250	-0.02 (-0.05, 0.01)	0.001	0.081	-0.009	0.015	0.569	-0.01 (-0.04, 0.02)	-0.010	0.015	0.527	-0.01 (-0.04, 0.02)
Q14055	COL9A2	OID31255	192	0.009	0.012	0.474	0.01 (-0.01, 0.03)	0.793	0.574	-0.026	0.023	0.275	-0.03 (-0.07, 0.02)	0.002	0.089	0.000	0.025	0.986	4.60e-04 (-0.05, 0.05)	0.002	0.024	0.935	1.98e-03 (-0.05, 0.05)
O60869	EDF1	OID31010	192	0.010	0.014	0.472	0.01 (-0.02, 0.04)	0.793	0.001	-0.009	0.027	0.725	-0.01 (-0.06, 0.04)	0.001	0.399	-0.009	0.024	0.707	-0.01 (-0.06, 0.04)	0.004	0.024	0.854	4.48e-03 (-0.04, 0.05)
O60447	EVI5	OID30519	192	-0.009	0.013	0.475	-0.01 (-0.04, 0.02)	0.793	0.008	-0.019	0.026	0.465	-0.02 (-0.07, 0.03)	0.001	0.671	-0.020	0.024	0.402	-0.02 (-0.07, 0.03)	-0.027	0.024	0.262	-0.03 (-0.07, 0.02)
P25092	GUCY2C	OID31318	192	0.009	0.012	0.474	0.01 (-0.01, 0.03)	0.793	0.259	0.027	0.024	0.256	0.03 (-0.02, 0.07)	-0.001	0.362	-0.017	0.019	0.380	-0.02 (-0.05, 0.02)	-0.025	0.028	0.377	-0.03 (-0.08, 0.03)
P20702	ITGAX	OID31325	192	0.009	0.013	0.475	0.01 (-0.02, 0.04)	0.793	0.030	-0.011	0.026	0.665	-0.01 (-0.06, 0.04)	0.001	0.350	0.001	0.020	0.968	8.04e-04 (-0.04, 0.04)	-0.008	0.026	0.769	-0.01 (-0.06, 0.04)
P11137	MAP2	OID31138	192	0.009	0.013	0.472	0.01 (-0.02, 0.04)	0.793	0.007	0.007	0.026	0.780	0.01 (-0.04, 0.06)	0.000	0.916	0.016	0.024	0.511	0.02 (-0.03, 0.06)	-0.006	0.025	0.794	-0.01 (-0.05, 0.04)
Q14696	MESD	OID21099	192	-0.010	0.013	0.473	-0.01 (-0.04, 0.02)	0.793	0.005	-0.019	0.026	0.464	-0.02 (-0.07, 0.03)	0.001	0.671	-0.010	0.024	0.677	-0.01 (-0.06, 0.04)	-0.027	0.022	0.222	-0.03 (-0.07, 0.02)
Q15014	MORF4L2	OID31160	192	-0.009	0.012	0.475	-0.01 (-0.03, 0.02)	0.793	0.073	-0.017	0.025	0.502	-0.02 (-0.07, 0.03)	0.001	0.700	-0.025	0.025	0.319	-0.02 (-0.07, 0.02)	-0.023	0.024	0.338	-0.02 (-0.07, 0.02)
P62166	NCS1	OID21458	192	0.010	0.014	0.473	0.01 (-0.02, 0.04)	0.793	3.29E-10	-0.035	0.027	0.195	-0.04 (-0.09, 0.02)	0.003	0.052	-0.018	0.020	0.362	-0.02 (-0.06, 0.02)	-0.015	0.021	0.480	-0.02 (-0.06, 0.03)
O76074	PDE5A	OID30584	192	-0.010	0.014	0.475	-0.01 (-0.04, 0.02)	0.793	4.03E-04	-0.010	0.027	0.718	-0.01 (-0.06, 0.04)	0.000	0.994	-0.008	0.024	0.746	-0.01 (-0.05, 0.04)	-0.024	0.024	0.308	-0.02 (-0.07, 0.02)
P26022	PTX3	OID20570	192	-0.009	0.013	0.473	-0.01 (-0.04, 0.02)	0.793	0.006	0.018	0.025	0.474	0.02 (-0.03, 0.07)	-0.002	0.207	0.020	0.023	0.401	0.02 (-0.03, 0.07)	0.020	0.026	0.434	0.02 (-0.03, 0.07)
Q9H446	RWDD1	OID21015	192	-0.009	0.013	0.472	-0.01 (-0.03, 0.02)	0.793	0.030	-0.008	0.025	0.739	-0.01 (-0.06, 0.04)	0.000	0.966	-0.008	0.023	0.733	-0.01 (-0.05, 0.04)	-0.024	0.022	0.274	-0.02 (-0.07, 0.02)
P05121	SERPINE1	OID20342	192	0.009	0.013	0.474	0.01 (-0.02, 0.04)	0.793	0.003	-0.028	0.025	0.270	-0.03 (-0.08, 0.02)	0.002	0.086	0.000	0.025	1.000	2.32e-06 (-0.05, 0.05)	-0.001	0.024	0.964	-1.07e-03 (-0.05, 0.05)
P19474	TRIM21	OID20533	192	-0.009	0.013	0.474	-0.01 (-0.03, 0.02)	0.793	0.012	-0.010	0.025	0.703	-0.01 (-0.06, 0.04)	0.000	0.988	0.004	0.023	0.858	4.09e-03 (-0.04, 0.05)	0.004	0.023	0.879	3.55e-03 (-0.04, 0.05)
Q96IU4	ABHD14B	OID20921	192	-0.009	0.013	0.478	-0.01 (-0.03, 0.02)	0.795	0.006	-0.016	0.025	0.542	-0.02 (-0.07, 0.03)	0.000	0.776	-0.017	0.024	0.471	-0.02 (-0.06, 0.03)	-0.023	0.024	0.349	-0.02 (-0.07, 0.02)
P15328	FOLR1	OID21529	192	-0.009	0.013	0.477	-0.01 (-0.03, 0.02)	0.795	0.004	0.023	0.024	0.358	0.02 (-0.03, 0.07)	-0.002	0.134	0.015	0.022	0.491	0.02 (-0.03, 0.06)	0.008	0.023	0.742	0.01 (-0.04, 0.05)
Q15388	TOMM20	OID30353	192	0.010	0.014	0.478	0.01 (-0.02, 0.04)	0.795	2.38E-05	-0.019	0.028	0.484	-0.02 (-0.07, 0.03)	0.002	0.214	0.005	0.025	0.832	0.01 (-0.04, 0.05)	0.000	0.025	0.993	2.34e-04 (-0.05, 0.05)
Q7RTW8	OTOA	OID30825	192	0.009	0.012	0.478	0.01 (-0.02, 0.03)	0.795	0.122	-0.005	0.025	0.828	-0.01 (-0.05, 0.04)	0.001	0.511	0.018	0.020	0.354	0.02 (-0.02, 0.06)	0.035	0.029	0.222	0.04 (-0.02, 0.09)
P02649	APOE	OID30727	192	0.050	0.070	0.479	0.05 (-0.09, 0.19)	0.796	0.00E+00	0.037	0.136	0.787	0.04 (-0.23, 0.30)	0.001	0.913	-0.002	0.019	0.908	-2.23e-03 (-0.04, 0.04)	-0.014	0.021	0.513	-0.01 (-0.06, 0.03)
P49789	FHIT	OID20872	192	-0.009	0.013	0.479	-0.01 (-0.03, 0.02)	0.796	0.026	0.007	0.025	0.792	0.01 (-0.04, 0.06)	-0.001	0.464	0.007	0.025	0.792	0.01 (-0.04, 0.06)	-0.007	0.023	0.770	-0.01 (-0.05, 0.04)
P62736	ACTA2	OID20079	192	-0.009	0.013	0.480	-0.01 (-0.04, 0.02)	0.797	7.69E-07	-0.033	0.026	0.203	-0.03 (-0.08, 0.02)	0.001	0.288	-0.012	0.023	0.597	-0.01 (-0.06, 0.03)	-0.015	0.021	0.486	-0.01 (-0.06, 0.03)
P48507	GCLM	OID30059	192	0.008	0.012	0.480	0.01 (-0.01, 0.03)	0.797	0.425	0.023	0.023	0.323	0.02 (-0.02, 0.07)	-0.001	0.463	0.041	0.022	0.056	0.04 (-1.02e-03, 0.08)	0.033	0.024	0.162	0.03 (-0.01, 0.08)
P25440	BRD2	OID30826	192	-0.009	0.012	0.481	-0.01 (-0.03, 0.02)	0.797	0.318	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)	0.001	0.417	0.009	0.024	0.702	0.01 (-0.04, 0.06)	0.014	0.024	0.554	0.01 (-0.03, 0.06)
Q14894	CRYM	OID30815	192	0.009	0.013	0.481	0.01 (-0.02, 0.03)	0.797	0.029	-0.011	0.025	0.654	-0.01 (-0.06, 0.04)	0.001	0.344	0.024	0.023	0.294	0.02 (-0.02, 0.07)	0.018	0.021	0.395	0.02 (-0.02, 0.06)
Q9BZ29	DOCK9	OID30836	192	-0.009	0.012	0.482	-0.01 (-0.03, 0.02)	0.797	0.429	-0.015	0.024	0.523	-0.02 (-0.06, 0.03)	0.000	0.744	-0.015	0.025	0.554	-0.02 (-0.07, 0.03)	-0.014	0.025	0.594	-0.01 (-0.06, 0.04)
P01100	FOS	OID31221	192	0.009	0.012	0.482	0.01 (-0.02, 0.03)	0.797	0.591	-0.001	0.024	0.982	-5.37e-04 (-0.05, 0.05)	0.001	0.653	0.017	0.024	0.481	0.02 (-0.03, 0.06)	0.029	0.023	0.205	0.03 (-0.02, 0.07)
Q9BX10	GTPBP2	OID30946	192	-0.009	0.013	0.482	-0.01 (-0.04, 0.02)	0.797	0.009	-0.006	0.026	0.812	-0.01 (-0.06, 0.04)	0.000	0.885	0.003	0.022	0.907	2.59e-03 (-0.04, 0.05)	-0.008	0.021	0.710	-0.01 (-0.05, 0.03)
Q12794	HYAL1	OID20357	192	0.011	0.016	0.482	0.01 (-0.02, 0.04)	0.797	7.70E-13	-0.044	0.031	0.150	-0.04 (-0.10, 0.02)	0.004	0.036	0.014	0.025	0.560	0.01 (-0.03, 0.06)	0.014	0.024	0.552	0.01 (-0.03, 0.06)
P43627	KIR2DL2	OID31431	192	-0.027	0.039	0.482	-0.03 (-0.10, 0.05)	0.797	0.00E+00	-0.016	0.075	0.827	-0.02 (-0.16, 0.13)	-0.001	0.867	0.012	0.020	0.558	0.01 (-0.03, 0.05)	0.014	0.020	0.494	0.01 (-0.03, 0.05)
Q96PQ0	SORCS2	OID21262	192	0.008	0.011	0.482	0.01 (-0.01, 0.03)	0.797	0.076	0.000	0.022	0.986	-3.78e-04 (-0.04, 0.04)	0.001	0.678	-0.023	0.020	0.248	-0.02 (-0.06, 0.02)	-0.012	0.021	0.549	-0.01 (-0.05, 0.03)
Q9NZA1	CLIC5	OID30890	192	-0.008	0.012	0.483	-0.01 (-0.03, 0.02)	0.798	0.528	-0.021	0.023	0.365	-0.02 (-0.07, 0.02)	0.001	0.524	-0.033	0.022	0.138	-0.03 (-0.08, 0.01)	-0.037	0.022	0.092	-0.04 (-0.08, 0.01)
P09919	CSF3	OID20491	192	0.009	0.013	0.483	0.01 (-0.02, 0.04)	0.798	0.002	-0.039	0.026	0.130	-0.04 (-0.09, 0.01)	0.003	0.029	-0.005	0.020	0.787	-0.01 (-0.04, 0.03)	-0.019	0.022	0.384	-0.02 (-0.06, 0.02)
O75354	ENTPD6	OID20100	192	0.013	0.019	0.485	0.01 (-0.02, 0.05)	0.800	1.55E-51	0.013	0.037	0.726	0.01 (-0.06, 0.08)	0.000	0.992	0.001	0.019	0.951	1.19e-03 (-0.04, 0.04)	0.009	0.020	0.648	0.01 (-0.03, 0.05)
P20340	RAB6A	OID20608	192	-0.010	0.014	0.485	-0.01 (-0.04, 0.02)	0.800	5.32E-06	-0.002	0.026	0.944	-1.87e-03 (-0.05, 0.05)	0.000	0.736	0.010	0.022	0.670	0.01 (-0.03, 0.05)	0.005	0.025	0.837	0.01 (-0.04, 0.05)
P55809	OXCT1	OID30227	192	-0.010	0.015	0.486	-0.01 (-0.04, 0.02)	0.801	4.95E-06	-0.016	0.029	0.567	-0.02 (-0.07, 0.04)	0.000	0.802	-0.023	0.024	0.335	-0.02 (-0.07, 0.02)	-0.020	0.025	0.420	-0.02 (-0.07, 0.03)
P13647	KRT5	OID20860	192	-0.009	0.013	0.487	-0.01 (-0.04, 0.02)	0.802	3.98E-04	-0.015	0.026	0.564	-0.01 (-0.07, 0.04)	0.000	0.798	-0.009	0.024	0.693	-0.01 (-0.06, 0.04)	0.000	0.025	0.991	-2.72e-04 (-0.05, 0.05)
Q6NT46	GAGE2A	OID31199	192	-0.008	0.012	0.488	-0.01 (-0.03, 0.02)	0.803	0.055	-0.046	0.025	0.073	-0.05 (-0.10, 3.94e-03)	0.002	0.087	-0.025	0.021	0.218	-0.03 (-0.07, 0.02)	-0.040	0.027	0.133	-0.04 (-0.09, 0.01)
Q9NQX5	NPDC1	OID20205	192	-0.009	0.013	0.488	-0.01 (-0.03, 0.02)	0.803	0.003	-0.010	0.025	0.694	-0.01 (-0.06, 0.04)	0.000	0.965	-0.026	0.024	0.282	-0.03 (-0.07, 0.02)	-0.038	0.022	0.092	-0.04 (-0.08, 0.01)
P55808	XG	OID20259	192	-0.008	0.011	0.489	-0.01 (-0.03, 0.01)	0.804	3.51E-07	-0.042	0.021	0.052	-0.04 (-0.08, 1.15e-04)	0.002	0.064	-0.019	0.019	0.306	-0.02 (-0.06, 0.02)	-0.021	0.017	0.223	-0.02 (-0.05, 0.01)
P43146	DCC	OID30953	192	-0.008	0.012	0.489	-0.01 (-0.03, 0.01)	0.804	0.222	0.023	0.023	0.320	0.02 (-0.02, 0.07)	-0.002	0.119	0.012	0.023	0.605	0.01 (-0.03, 0.06)	0.012	0.022	0.583	0.01 (-0.03, 0.06)
P26715	KLRC1	OID30855	192	-0.008	0.012	0.489	-0.01 (-0.03, 0.02)	0.804	0.467	-0.007	0.024	0.778	-0.01 (-0.05, 0.04)	0.000	0.933	0.016	0.022	0.446	0.02 (-0.03, 0.06)	0.017	0.025	0.509	0.02 (-0.03, 0.07)
A8MVZ5	BTNL10	OID31196	192	0.008	0.012	0.491	0.01 (-0.02, 0.03)	0.804	0.872	-0.007	0.024	0.770	-0.01 (-0.05, 0.04)	0.001	0.450	-0.007	0.024	0.755	-0.01 (-0.05, 0.04)	-0.007	0.024	0.765	-0.01 (-0.05, 0.04)
P07358	C8B	OID30719	192	-0.008	0.012	0.491	-0.01 (-0.03, 0.02)	0.804	0.002	0.000	0.023	0.992	-2.24e-04 (-0.05, 0.05)	-0.001	0.686	-0.003	0.022	0.903	-2.63e-03 (-0.04, 0.04)	0.004	0.019	0.822	4.24e-03 (-0.03, 0.04)
Q6PH85	DCUN1D2	OID31231	192	-0.009	0.014	0.490	-0.01 (-0.04, 0.02)	0.804	0.011	-0.021	0.026	0.419	-0.02 (-0.07, 0.03)	0.001	0.597	-0.022	0.025	0.366	-0.02 (-0.07, 0.03)	-0.027	0.022	0.222	-0.03 (-0.07, 0.02)
P36959	GMPR	OID20641	192	-0.008	0.012	0.490	-0.01 (-0.03, 0.02)	0.804	0.049	0.010	0.024	0.665	0.01 (-0.04, 0.06)	-0.001	0.358	-0.010	0.024	0.673	-0.01 (-0.06, 0.04)	-0.005	0.024	0.818	-0.01 (-0.05, 0.04)
Q8WV92	MITD1	OID20959	192	-0.009	0.013	0.491	-0.01 (-0.03, 0.02)	0.804	0.011	-0.016	0.025	0.540	-0.02 (-0.07, 0.03)	0.000	0.762	-0.010	0.024	0.672	-0.01 (-0.06, 0.04)	-0.031	0.024	0.186	-0.03 (-0.08, 0.02)
Q8WWM7	ATXN2L	OID30980	192	0.009	0.013	0.492	0.01 (-0.02, 0.03)	0.804	0.013	0.008	0.025	0.753	0.01 (-0.04, 0.06)	0.000	0.965	0.009	0.023	0.695	0.01 (-0.04, 0.05)	0.003	0.023	0.906	2.75e-03 (-0.04, 0.05)
Q96AP7	ESAM	OID20270	192	-0.010	0.015	0.492	-0.01 (-0.04, 0.02)	0.804	3.62E-09	-0.052	0.029	0.076	-0.05 (-0.11, 0.01)	0.003	0.097	-0.019	0.024	0.429	-0.02 (-0.07, 0.03)	-0.015	0.023	0.528	-0.01 (-0.06, 0.03)
O94916	NFAT5	OID30522	192	-0.009	0.013	0.491	-0.01 (-0.03, 0.02)	0.804	0.033	-0.039	0.025	0.121	-0.04 (-0.09, 0.01)	0.002	0.163	-0.040	0.023	0.082	-0.04 (-0.09, 0.01)	-0.036	0.025	0.149	-0.04 (-0.08, 0.01)
Q9NS62	THSD1	OID30476	192	-0.012	0.017	0.492	-0.01 (-0.04, 0.02)	0.804	4.86E-14	0.001	0.033	0.967	1.37e-03 (-0.06, 0.07)	-0.001	0.644	-0.009	0.025	0.708	-0.01 (-0.06, 0.04)	-0.007	0.028	0.802	-0.01 (-0.06, 0.05)
P19801	AOC1	OID20452	192	0.008	0.012	0.493	0.01 (-0.02, 0.03)	0.805	0.433	-0.002	0.023	0.945	-1.61e-03 (-0.05, 0.04)	0.001	0.624	0.025	0.023	0.278	0.02 (-0.02, 0.07)	0.017	0.025	0.499	0.02 (-0.03, 0.07)
P40197	GP5	OID30611	192	-0.010	0.014	0.493	-0.01 (-0.04, 0.02)	0.805	2.49E-04	-0.011	0.027	0.678	-0.01 (-0.06, 0.04)	0.000	0.942	0.012	0.021	0.563	0.01 (-0.03, 0.05)	-0.008	0.028	0.785	-0.01 (-0.06, 0.05)
Q9H9E1	ANKRA2	OID31173	192	-0.008	0.012	0.496	-0.01 (-0.03, 0.02)	0.805	0.524	-0.008	0.024	0.728	-0.01 (-0.05, 0.04)	0.000	0.997	-0.004	0.024	0.871	-3.95e-03 (-0.05, 0.04)	-0.011	0.024	0.656	-0.01 (-0.06, 0.04)
Q14011	CIRBP	OID31503	192	-0.009	0.014	0.495	-0.01 (-0.04, 0.02)	0.805	2.77E-04	-0.017	0.027	0.516	-0.02 (-0.07, 0.04)	0.001	0.727	-0.011	0.022	0.615	-0.01 (-0.05, 0.03)	-0.021	0.023	0.366	-0.02 (-0.07, 0.02)
Q99895	CTRC	OID20752	192	-0.019	0.027	0.495	-0.02 (-0.07, 0.03)	0.805	5.53E-146	0.057	0.052	0.273	0.06 (-0.04, 0.16)	-0.005	0.091	0.001	0.019	0.952	1.13e-03 (-0.04, 0.04)	0.006	0.023	0.806	0.01 (-0.04, 0.05)
O95467	GNAS	OID31008	192	0.009	0.013	0.496	0.01 (-0.02, 0.03)	0.805	0.015	-0.023	0.025	0.353	-0.02 (-0.07, 0.03)	0.002	0.135	-0.009	0.020	0.665	-0.01 (-0.05, 0.03)	-0.007	0.022	0.759	-0.01 (-0.05, 0.04)
Q674X7	KAZN	OID31481	192	-0.009	0.013	0.494	-0.01 (-0.03, 0.02)	0.805	0.012	-0.013	0.025	0.617	-0.01 (-0.06, 0.04)	0.000	0.863	-0.014	0.024	0.574	-0.01 (-0.06, 0.03)	-0.020	0.023	0.396	-0.02 (-0.07, 0.03)
Q13241	KLRD1	OID20632	192	0.010	0.015	0.495	0.01 (-0.02, 0.04)	0.805	2.32E-12	-0.017	0.028	0.550	-0.02 (-0.07, 0.04)	0.002	0.268	0.001	0.021	0.979	5.54e-04 (-0.04, 0.04)	0.004	0.021	0.833	4.43e-03 (-0.04, 0.05)
Q14739	LBR	OID21034	192	0.009	0.014	0.495	0.01 (-0.02, 0.04)	0.805	4.10E-04	-0.015	0.026	0.567	-0.02 (-0.07, 0.04)	0.002	0.281	-0.006	0.023	0.791	-0.01 (-0.05, 0.04)	-0.006	0.020	0.775	-0.01 (-0.05, 0.03)
Q9NXH3	PPP1R14D	OID30997	192	0.008	0.012	0.495	0.01 (-0.02, 0.03)	0.805	0.736	0.006	0.023	0.806	0.01 (-0.04, 0.05)	0.000	0.901	-0.018	0.021	0.395	-0.02 (-0.06, 0.02)	-0.017	0.023	0.458	-0.02 (-0.06, 0.03)
P32119	PRDX2	OID30668	192	0.008	0.011	0.495	0.01 (-0.01, 0.03)	0.805	0.427	0.010	0.022	0.656	0.01 (-0.03, 0.05)	0.000	0.910	0.015	0.024	0.525	0.02 (-0.03, 0.06)	0.009	0.022	0.673	0.01 (-0.03, 0.05)
Q5T2D2	TREML2	OID21120	192	-0.009	0.014	0.496	-0.01 (-0.04, 0.02)	0.805	4.13E-05	-0.030	0.027	0.257	-0.03 (-0.08, 0.02)	0.001	0.361	-0.018	0.023	0.443	-0.02 (-0.06, 0.03)	-0.023	0.021	0.266	-0.02 (-0.06, 0.02)
O43915	VEGFD	OID20662	192	0.010	0.015	0.496	0.01 (-0.02, 0.04)	0.805	2.81E-08	0.068	0.029	0.018	0.07 (0.01, 0.12)	-0.004	0.018	0.035	0.019	0.073	0.03 (-3.20e-03, 0.07)	0.048	0.025	0.059	0.05 (-1.44e-03, 0.10)
Q3SXY8	ARL13B	OID30166	192	-0.009	0.013	0.498	-0.01 (-0.03, 0.02)	0.807	0.016	-0.033	0.026	0.197	-0.03 (-0.08, 0.02)	0.002	0.271	-0.028	0.023	0.220	-0.03 (-0.07, 0.02)	-0.031	0.022	0.161	-0.03 (-0.07, 0.01)
O43583	DENR	OID30493	192	0.009	0.013	0.499	0.01 (-0.02, 0.03)	0.807	0.047	-0.005	0.025	0.853	-4.64e-03 (-0.05, 0.04)	0.001	0.533	0.003	0.025	0.904	3.05e-03 (-0.05, 0.05)	0.006	0.023	0.784	0.01 (-0.04, 0.05)
Q9BY32	ITPA	OID30082	192	-0.007	0.010	0.498	-0.01 (-0.03, 0.01)	0.807	0.072	-0.007	0.021	0.744	-0.01 (-0.05, 0.04)	0.000	0.998	-0.005	0.020	0.789	-0.01 (-0.04, 0.03)	-0.018	0.020	0.357	-0.02 (-0.06, 0.02)
Q6P5Q4	LMOD2	OID30864	192	0.008	0.012	0.499	0.01 (-0.02, 0.03)	0.807	0.455	-0.003	0.024	0.906	-2.79e-03 (-0.05, 0.04)	0.001	0.587	0.003	0.025	0.894	3.37e-03 (-0.05, 0.05)	-0.003	0.023	0.890	-3.22e-03 (-0.05, 0.04)
Q96FE7	PIK3IP1	OID21094	192	0.009	0.013	0.499	0.01 (-0.02, 0.03)	0.807	6.10E-05	-0.019	0.025	0.447	-0.02 (-0.07, 0.03)	0.002	0.196	-0.023	0.020	0.261	-0.02 (-0.06, 0.02)	-0.014	0.022	0.511	-0.01 (-0.06, 0.03)
Q969P6	TOP1MT	OID31233	192	0.008	0.012	0.498	0.01 (-0.02, 0.03)	0.807	0.506	0.020	0.024	0.398	0.02 (-0.03, 0.07)	-0.001	0.563	-0.004	0.022	0.869	-3.59e-03 (-0.05, 0.04)	-0.001	0.025	0.973	-8.66e-04 (-0.05, 0.05)
Q92619	ARHGAP45	OID30653	192	-0.009	0.013	0.499	-0.01 (-0.03, 0.02)	0.807	0.032	-0.007	0.025	0.794	-0.01 (-0.06, 0.04)	0.000	0.920	-0.004	0.023	0.856	-4.17e-03 (-0.05, 0.04)	-0.021	0.023	0.372	-0.02 (-0.07, 0.02)
P80075	CCL8	OID21466	192	-0.008	0.011	0.500	-0.01 (-0.03, 0.01)	0.807	1.23E-04	-0.026	0.022	0.238	-0.03 (-0.07, 0.02)	0.001	0.331	-0.014	0.022	0.521	-0.01 (-0.06, 0.03)	-0.020	0.021	0.344	-0.02 (-0.06, 0.02)
Q6UXM1	LRIG3	OID30450	192	-0.008	0.012	0.500	-0.01 (-0.03, 0.02)	0.807	0.510	-0.002	0.023	0.919	-2.36e-03 (-0.05, 0.04)	0.000	0.775	-0.016	0.020	0.439	-0.02 (-0.06, 0.02)	-0.030	0.023	0.209	-0.03 (-0.08, 0.02)
P12429	ANXA3	OID21036	192	-0.009	0.013	0.501	-0.01 (-0.04, 0.02)	0.808	0.001	0.000	0.026	0.996	-1.16e-04 (-0.05, 0.05)	-0.001	0.690	0.005	0.023	0.835	4.81e-03 (-0.04, 0.05)	0.001	0.025	0.966	1.08e-03 (-0.05, 0.05)
Q08708	CD300C	OID21010	192	0.009	0.013	0.501	0.01 (-0.02, 0.04)	0.808	1.26E-06	-0.023	0.026	0.366	-0.02 (-0.07, 0.03)	0.002	0.145	0.001	0.018	0.969	6.92e-04 (-0.03, 0.04)	-0.007	0.020	0.713	-0.01 (-0.05, 0.03)
Q14511	NEDD9	OID30503	192	-0.008	0.012	0.501	-0.01 (-0.03, 0.02)	0.808	0.944	-0.001	0.023	0.967	-9.48e-04 (-0.05, 0.04)	0.000	0.721	-0.024	0.022	0.290	-0.02 (-0.07, 0.02)	-0.016	0.024	0.513	-0.02 (-0.06, 0.03)
Q02880	TOP2B	OID30559	192	0.009	0.013	0.501	0.01 (-0.02, 0.04)	0.808	0.005	-0.016	0.026	0.528	-0.02 (-0.07, 0.03)	0.002	0.255	-0.013	0.024	0.605	-0.01 (-0.06, 0.04)	-0.018	0.024	0.441	-0.02 (-0.07, 0.03)
P26951	IL3RA	OID20461	192	-0.021	0.031	0.502	-0.02 (-0.08, 0.04)	0.808	1.69E-210	-0.033	0.060	0.588	-0.03 (-0.15, 0.09)	0.001	0.818	-0.023	0.020	0.254	-0.02 (-0.06, 0.02)	-0.015	0.020	0.448	-0.02 (-0.06, 0.02)
Q9UKV0	HDAC9	OID30832	192	-0.008	0.012	0.503	-0.01 (-0.03, 0.02)	0.809	0.527	-0.001	0.023	0.965	-1.04e-03 (-0.05, 0.04)	0.000	0.725	0.009	0.021	0.651	0.01 (-0.03, 0.05)	-0.002	0.025	0.928	-2.25e-03 (-0.05, 0.05)
Q9H832	UBE2Z	OID30427	192	0.009	0.013	0.503	0.01 (-0.02, 0.03)	0.810	0.036	0.032	0.025	0.209	0.03 (-0.02, 0.08)	-0.001	0.287	-0.002	0.025	0.923	-2.44e-03 (-0.05, 0.05)	-0.021	0.025	0.410	-0.02 (-0.07, 0.03)
P51460	INSL3	OID31129	192	0.005	0.007	0.504	4.94e-03 (-0.01, 0.02)	0.810	0.297	0.028	0.015	0.061	0.03 (-1.08e-03, 0.06)	-0.001	0.072	0.013	0.015	0.394	0.01 (-0.02, 0.04)	0.010	0.015	0.536	0.01 (-0.02, 0.04)
P35754	GLRX	OID20195	192	0.007	0.010	0.506	0.01 (-0.01, 0.03)	0.812	0.827	-0.006	0.020	0.780	-0.01 (-0.04, 0.03)	0.001	0.468	0.028	0.019	0.136	0.03 (-0.01, 0.06)	0.018	0.019	0.354	0.02 (-0.02, 0.06)
P11229	CHRM1	OID30930	192	0.008	0.012	0.506	0.01 (-0.02, 0.03)	0.813	0.235	0.022	0.024	0.371	0.02 (-0.03, 0.07)	-0.001	0.510	0.027	0.022	0.227	0.03 (-0.02, 0.07)	0.020	0.025	0.423	0.02 (-0.03, 0.07)
Q9Y2I7	PIKFYVE	OID30465	192	-0.009	0.013	0.507	-0.01 (-0.03, 0.02)	0.813	0.014	-0.018	0.025	0.479	-0.02 (-0.07, 0.03)	0.001	0.668	-0.015	0.024	0.552	-0.01 (-0.06, 0.03)	-0.014	0.023	0.548	-0.01 (-0.06, 0.03)
O60496	DOK2	OID20138	192	-0.008	0.012	0.508	-0.01 (-0.03, 0.02)	0.815	0.080	-0.020	0.024	0.404	-0.02 (-0.07, 0.03)	0.001	0.546	-0.004	0.023	0.874	-3.61e-03 (-0.05, 0.04)	-0.031	0.022	0.169	-0.03 (-0.08, 0.01)
P49441	INPP1	OID21345	192	-0.009	0.014	0.509	-0.01 (-0.04, 0.02)	0.815	0.001	-0.014	0.027	0.593	-0.01 (-0.07, 0.04)	0.000	0.820	-0.021	0.024	0.388	-0.02 (-0.07, 0.03)	-0.038	0.025	0.126	-0.04 (-0.09, 0.01)
P40818	USP8	OID20110	192	0.008	0.013	0.509	0.01 (-0.02, 0.03)	0.815	0.042	0.010	0.025	0.684	0.01 (-0.04, 0.06)	0.000	0.937	0.013	0.022	0.562	0.01 (-0.03, 0.06)	0.002	0.025	0.940	1.87e-03 (-0.05, 0.05)
P09093	CELA3A	OID20298	28	0.028	0.042	0.508	0.03 (-0.05, 0.11)	0.815	2.84E-11	0.103	0.060	0.095	0.10 (-0.01, 0.22)	-0.008	0.097	0.074	0.026	0.005	0.07 (0.02, 0.13)	0.070	0.025	0.009	0.07 (0.02, 0.12)
Q9UH03	SEPTIN3	OID31025	192	-0.010	0.015	0.511	-0.01 (-0.04, 0.02)	0.817	1.10E-09	0.004	0.029	0.904	3.54e-03 (-0.05, 0.06)	-0.001	0.592	-0.034	0.022	0.124	-0.03 (-0.08, 0.01)	-0.027	0.023	0.228	-0.03 (-0.07, 0.02)
P04040	CAT	OID30712	192	0.007	0.011	0.512	0.01 (-0.01, 0.03)	0.818	0.202	0.021	0.022	0.359	0.02 (-0.02, 0.06)	-0.001	0.488	0.020	0.022	0.357	0.02 (-0.02, 0.06)	0.016	0.022	0.478	0.02 (-0.03, 0.06)
P31997	CEACAM8	OID20102	192	0.009	0.014	0.515	0.01 (-0.02, 0.04)	0.818	1.85E-06	-0.014	0.028	0.604	-0.01 (-0.07, 0.04)	0.001	0.319	0.025	0.023	0.287	0.02 (-0.02, 0.07)	0.026	0.021	0.225	0.03 (-0.02, 0.07)
Q14213;Q8	EBI3;IL27	OID21389	192	0.009	0.013	0.512	0.01 (-0.02, 0.03)	0.818	6.70E-05	0.013	0.025	0.596	0.01 (-0.04, 0.06)	0.000	0.821	-0.022	0.019	0.232	-0.02 (-0.06, 0.01)	-0.027	0.023	0.250	-0.03 (-0.07, 0.02)
P52799	EFNB2	OID30954	192	-0.009	0.013	0.512	-0.01 (-0.04, 0.02)	0.818	0.009	-0.026	0.026	0.317	-0.03 (-0.08, 0.02)	0.001	0.438	-0.033	0.023	0.142	-0.03 (-0.08, 0.01)	-0.024	0.025	0.327	-0.02 (-0.07, 0.02)
Q9H461	FZD8	OID30818	192	-0.008	0.012	0.515	-0.01 (-0.03, 0.02)	0.818	0.427	-0.019	0.024	0.423	-0.02 (-0.07, 0.03)	0.001	0.584	-0.030	0.023	0.186	-0.03 (-0.07, 0.01)	-0.027	0.026	0.287	-0.03 (-0.08, 0.02)
Q92835	INPP5D	OID30259	192	0.008	0.012	0.511	0.01 (-0.02, 0.03)	0.818	0.039	-0.004	0.024	0.857	-4.35e-03 (-0.05, 0.04)	0.001	0.546	0.002	0.024	0.922	2.35e-03 (-0.04, 0.05)	0.005	0.023	0.841	4.56e-03 (-0.04, 0.05)
P57087	JAM2	OID21064	192	0.010	0.016	0.514	0.01 (-0.02, 0.04)	0.818	1.50E-15	-0.039	0.031	0.204	-0.04 (-0.10, 0.02)	0.003	0.061	-0.024	0.023	0.294	-0.02 (-0.07, 0.02)	-0.019	0.024	0.426	-0.02 (-0.07, 0.03)
O43474	KLF4	OID30808	192	0.008	0.012	0.513	0.01 (-0.02, 0.03)	0.818	0.224	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)	0.001	0.391	-0.020	0.022	0.364	-0.02 (-0.06, 0.02)	-0.020	0.025	0.420	-0.02 (-0.07, 0.03)
P45984	MAPK9	OID20557	192	0.008	0.013	0.515	0.01 (-0.02, 0.03)	0.818	0.014	-0.003	0.025	0.900	-3.16e-03 (-0.05, 0.05)	0.001	0.591	0.024	0.024	0.313	0.02 (-0.02, 0.07)	0.012	0.024	0.613	0.01 (-0.03, 0.06)
Q2VWP7	PRTG	OID21443	192	0.010	0.015	0.514	0.01 (-0.02, 0.04)	0.818	3.68E-13	0.039	0.029	0.188	0.04 (-0.02, 0.10)	-0.002	0.252	0.020	0.023	0.370	0.02 (-0.02, 0.06)	0.016	0.022	0.469	0.02 (-0.03, 0.06)
Q9H939	PSTPIP2	OID30596	192	-0.009	0.014	0.515	-0.01 (-0.04, 0.02)	0.818	0.003	-0.012	0.027	0.659	-0.01 (-0.06, 0.04)	0.000	0.901	-0.004	0.022	0.848	-4.29e-03 (-0.05, 0.04)	-0.017	0.023	0.450	-0.02 (-0.06, 0.03)
Q8IVG5	SAMD9L	OID20536	192	-0.008	0.013	0.513	-0.01 (-0.03, 0.02)	0.818	0.015	-0.008	0.025	0.738	-0.01 (-0.06, 0.04)	0.000	0.998	-0.003	0.023	0.889	-3.19e-03 (-0.05, 0.04)	-0.018	0.024	0.460	-0.02 (-0.06, 0.03)
Q9NR46	SH3GLB2	OID31145	192	0.007	0.011	0.513	0.01 (-0.01, 0.03)	0.818	0.269	0.006	0.023	0.807	0.01 (-0.04, 0.05)	0.000	0.923	-0.005	0.023	0.840	-4.72e-03 (-0.05, 0.04)	0.004	0.024	0.861	4.30e-03 (-0.04, 0.05)
Q9NQ88	TIGAR	OID20894	192	0.008	0.012	0.512	0.01 (-0.02, 0.03)	0.818	0.311	-0.004	0.024	0.862	-4.18e-03 (-0.05, 0.04)	0.001	0.557	-0.014	0.023	0.557	-0.01 (-0.06, 0.03)	0.000	0.022	0.993	-2.06e-04 (-0.04, 0.04)
Q7Z7H5	TMED4	OID30154	192	-0.008	0.012	0.514	-0.01 (-0.03, 0.02)	0.818	0.261	-0.022	0.024	0.371	-0.02 (-0.07, 0.03)	0.001	0.506	-0.036	0.024	0.134	-0.04 (-0.08, 0.01)	-0.044	0.025	0.082	-0.04 (-0.09, 0.01)
Q8N163	CCAR2	OID31077	192	0.008	0.012	0.517	0.01 (-0.02, 0.03)	0.818	0.359	0.009	0.024	0.709	0.01 (-0.04, 0.05)	0.000	0.957	-0.020	0.022	0.368	-0.02 (-0.06, 0.02)	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)
P35968	KDR	OID21497	192	-0.022	0.033	0.515	-0.02 (-0.09, 0.04)	0.818	1.17E-290	-0.015	0.064	0.816	-0.01 (-0.14, 0.11)	0.000	0.904	0.005	0.021	0.823	4.81e-03 (-0.04, 0.05)	0.014	0.019	0.473	0.01 (-0.02, 0.05)
P09619	PDGFRB	OID20268	192	0.006	0.009	0.517	0.01 (-0.01, 0.02)	0.818	5.75E-05	-0.008	0.017	0.667	-0.01 (-0.04, 0.03)	0.001	0.371	0.007	0.015	0.653	0.01 (-0.02, 0.04)	0.002	0.015	0.902	1.85e-03 (-0.03, 0.03)
Q9H3T2	SEMA6C	OID30531	192	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.818	0.347	0.031	0.024	0.190	0.03 (-0.02, 0.08)	-0.001	0.251	0.019	0.025	0.456	0.02 (-0.03, 0.07)	0.021	0.027	0.434	0.02 (-0.03, 0.07)
Q9Y5X3	SNX5	OID30215	192	0.009	0.014	0.516	0.01 (-0.02, 0.04)	0.818	0.001	0.003	0.027	0.913	2.95e-03 (-0.05, 0.06)	0.000	0.793	0.002	0.025	0.927	2.32e-03 (-0.05, 0.05)	-0.001	0.024	0.978	-6.67e-04 (-0.05, 0.05)
P48431	SOX2	OID30981	192	0.008	0.012	0.516	0.01 (-0.02, 0.03)	0.818	0.704	-0.024	0.023	0.306	-0.02 (-0.07, 0.02)	0.002	0.114	-0.009	0.024	0.690	-0.01 (-0.06, 0.04)	-0.001	0.025	0.978	-6.99e-04 (-0.05, 0.05)
Q8IZF2	ADGRF5	OID30349	192	-0.010	0.015	0.518	-0.01 (-0.04, 0.02)	0.818	6.94E-09	-0.016	0.029	0.575	-0.02 (-0.07, 0.04)	0.000	0.789	0.020	0.022	0.376	0.02 (-0.02, 0.06)	0.026	0.023	0.249	0.03 (-0.02, 0.07)
Q8WYN0	ATG4A	OID21246	192	0.008	0.012	0.517	0.01 (-0.02, 0.03)	0.818	0.178	0.011	0.024	0.638	0.01 (-0.04, 0.06)	0.000	0.859	0.015	0.024	0.521	0.02 (-0.03, 0.06)	0.014	0.023	0.529	0.01 (-0.03, 0.06)
Q96AG4	LRRC59	OID30361	192	0.009	0.014	0.518	0.01 (-0.02, 0.04)	0.818	0.001	-0.019	0.026	0.468	-0.02 (-0.07, 0.03)	0.002	0.217	0.007	0.024	0.780	0.01 (-0.04, 0.05)	-0.005	0.023	0.827	-0.01 (-0.05, 0.04)
Q13190	STX5	OID30432	192	-0.008	0.012	0.518	-0.01 (-0.03, 0.02)	0.818	0.147	0.031	0.024	0.209	0.03 (-0.02, 0.08)	-0.002	0.067	-0.008	0.026	0.761	-0.01 (-0.06, 0.04)	0.001	0.025	0.957	1.33e-03 (-0.05, 0.05)
Q9H347	UBQLN3	OID30096	192	-0.008	0.012	0.519	-0.01 (-0.03, 0.02)	0.819	0.993	0.006	0.024	0.798	0.01 (-0.04, 0.05)	-0.001	0.493	0.004	0.022	0.869	3.70e-03 (-0.04, 0.05)	-0.013	0.022	0.570	-0.01 (-0.06, 0.03)
Q8WWN9	IPCEF1	OID20977	192	0.008	0.012	0.520	0.01 (-0.02, 0.03)	0.819	0.179	0.009	0.024	0.700	0.01 (-0.04, 0.06)	0.000	0.936	0.019	0.022	0.395	0.02 (-0.02, 0.06)	0.007	0.023	0.767	0.01 (-0.04, 0.05)
Q6UX27	VSTM1	OID20851	192	0.007	0.010	0.520	0.01 (-0.01, 0.03)	0.820	0.018	-0.015	0.020	0.468	-0.01 (-0.05, 0.02)	0.001	0.217	0.001	0.019	0.956	1.05e-03 (-0.04, 0.04)	0.003	0.019	0.882	2.86e-03 (-0.03, 0.04)
P47813	EIF1AX	OID31125	192	0.009	0.014	0.521	0.01 (-0.02, 0.04)	0.820	1.56E-04	0.017	0.027	0.525	0.02 (-0.04, 0.07)	-0.001	0.722	0.001	0.027	0.984	5.42e-04 (-0.05, 0.05)	-0.012	0.026	0.647	-0.01 (-0.06, 0.04)
P09038	FGF2	OID20503	192	-0.008	0.012	0.521	-0.01 (-0.03, 0.02)	0.820	0.007	0.005	0.023	0.814	0.01 (-0.04, 0.05)	-0.001	0.508	0.013	0.021	0.518	0.01 (-0.03, 0.05)	0.002	0.022	0.918	2.29e-03 (-0.04, 0.05)
Q6BCY4	CYB5R2	OID31512	192	0.009	0.014	0.522	0.01 (-0.02, 0.04)	0.821	1.29E-04	-0.007	0.027	0.784	-0.01 (-0.06, 0.04)	0.001	0.481	-0.005	0.024	0.845	-4.75e-03 (-0.05, 0.04)	-0.006	0.023	0.804	-0.01 (-0.05, 0.04)
P21128	ENDOU	OID31498	192	-0.009	0.013	0.522	-0.01 (-0.03, 0.02)	0.821	2.01E-08	0.023	0.026	0.379	0.02 (-0.03, 0.07)	-0.002	0.158	0.015	0.018	0.420	0.01 (-0.02, 0.05)	0.012	0.020	0.566	0.01 (-0.03, 0.05)
Q99487	PAFAH2	OID31286	192	0.008	0.012	0.522	0.01 (-0.02, 0.03)	0.821	0.110	-0.006	0.025	0.794	-0.01 (-0.05, 0.04)	0.001	0.504	-0.003	0.024	0.892	-3.32e-03 (-0.05, 0.04)	-0.011	0.023	0.635	-0.01 (-0.06, 0.03)
Q8WX93	PALLD	OID30444	192	0.009	0.013	0.523	0.01 (-0.02, 0.03)	0.821	0.021	0.019	0.026	0.457	0.02 (-0.03, 0.07)	-0.001	0.628	-0.011	0.024	0.639	-0.01 (-0.06, 0.04)	-0.007	0.023	0.771	-0.01 (-0.05, 0.04)
Q9HAT2	SIAE	OID21503	192	0.009	0.015	0.523	0.01 (-0.02, 0.04)	0.821	6.09E-08	-0.024	0.029	0.403	-0.02 (-0.08, 0.03)	0.002	0.174	0.011	0.025	0.653	0.01 (-0.04, 0.06)	0.008	0.025	0.737	0.01 (-0.04, 0.06)
O76039	CDKL5	OID30796	192	-0.008	0.012	0.524	-0.01 (-0.03, 0.02)	0.821	0.563	-0.037	0.023	0.121	-0.04 (-0.08, 0.01)	0.002	0.153	0.001	0.025	0.979	6.73e-04 (-0.05, 0.05)	0.007	0.028	0.802	0.01 (-0.05, 0.06)
P47928	ID4	OID31284	192	0.008	0.012	0.525	0.01 (-0.02, 0.03)	0.821	0.679	-0.023	0.023	0.318	-0.02 (-0.07, 0.02)	0.002	0.123	-0.013	0.024	0.582	-0.01 (-0.06, 0.03)	-0.009	0.027	0.727	-0.01 (-0.06, 0.04)
Q14624	ITIH4	OID30762	192	-0.010	0.015	0.525	-0.01 (-0.04, 0.02)	0.821	6.15E-13	-0.039	0.030	0.193	-0.04 (-0.10, 0.02)	0.002	0.255	-0.003	0.020	0.881	-2.95e-03 (-0.04, 0.04)	-0.002	0.022	0.932	-1.87e-03 (-0.04, 0.04)
Q99683	MAP3K5	OID21253	192	-0.008	0.013	0.525	-0.01 (-0.03, 0.02)	0.821	0.020	0.003	0.025	0.894	3.32e-03 (-0.05, 0.05)	-0.001	0.591	0.000	0.024	0.984	-4.86e-04 (-0.05, 0.05)	-0.015	0.023	0.524	-0.01 (-0.06, 0.03)
P52209	PGD	OID30344	192	-0.009	0.014	0.525	-0.01 (-0.04, 0.02)	0.821	0.001	-0.051	0.026	0.050	-0.05 (-0.10, -2.84e-04)	0.003	0.057	-0.043	0.021	0.038	-0.04 (-0.08, -2.32e-03)	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)
Q96QH8;Q	SPACA5B;SP	OID30990	192	0.007	0.012	0.525	0.01 (-0.02, 0.03)	0.821	0.241	0.018	0.023	0.439	0.02 (-0.03, 0.06)	-0.001	0.593	0.028	0.024	0.246	0.03 (-0.02, 0.08)	0.029	0.025	0.236	0.03 (-0.02, 0.08)
Q9HCB6	SPON1	OID20759	192	0.009	0.014	0.524	0.01 (-0.02, 0.04)	0.821	2.18E-08	0.009	0.027	0.745	0.01 (-0.04, 0.06)	0.000	0.998	0.016	0.022	0.467	0.02 (-0.03, 0.06)	0.012	0.023	0.617	0.01 (-0.03, 0.06)
P63146	UBE2B	OID31368	192	0.008	0.012	0.525	0.01 (-0.02, 0.03)	0.821	0.138	0.017	0.024	0.479	0.02 (-0.03, 0.06)	-0.001	0.642	0.019	0.025	0.446	0.02 (-0.03, 0.07)	0.024	0.025	0.339	0.02 (-0.03, 0.07)
Q15025	TNIP1	OID31120	192	-0.008	0.013	0.526	-0.01 (-0.03, 0.02)	0.822	0.008	-0.012	0.025	0.628	-0.01 (-0.06, 0.04)	0.000	0.852	-0.012	0.024	0.605	-0.01 (-0.06, 0.03)	-0.018	0.022	0.407	-0.02 (-0.06, 0.02)
P37023	ACVRL1	OID20999	192	0.008	0.013	0.527	0.01 (-0.02, 0.03)	0.823	0.001	-0.035	0.025	0.156	-0.04 (-0.08, 0.01)	0.003	0.042	-0.015	0.023	0.520	-0.01 (-0.06, 0.03)	-0.024	0.021	0.245	-0.02 (-0.07, 0.02)
Q05193	DNM1	OID31458	192	-0.009	0.015	0.527	-0.01 (-0.04, 0.02)	0.823	9.17E-08	-0.001	0.029	0.968	-1.17e-03 (-0.06, 0.06)	-0.001	0.740	-0.013	0.025	0.608	-0.01 (-0.06, 0.04)	-0.006	0.023	0.790	-0.01 (-0.05, 0.04)
P01375	TNF	OID20473	89	0.010	0.016	0.527	0.01 (-0.02, 0.04)	0.823	0.072	-0.002	0.031	0.954	-1.79e-03 (-0.06, 0.06)	0.001	0.633	-0.021	0.029	0.464	-0.02 (-0.08, 0.04)	-0.006	0.030	0.839	-0.01 (-0.06, 0.05)
P53367	ARFIP1	OID31024	192	-0.008	0.013	0.528	-0.01 (-0.03, 0.02)	0.824	0.004	-0.005	0.026	0.836	-0.01 (-0.06, 0.05)	0.000	0.891	0.007	0.021	0.725	0.01 (-0.03, 0.05)	-0.003	0.023	0.890	-3.12e-03 (-0.05, 0.04)
O75427	LRCH4	OID30191	192	0.007	0.012	0.528	0.01 (-0.02, 0.03)	0.824	0.056	-0.023	0.024	0.344	-0.02 (-0.07, 0.02)	0.002	0.146	0.000	0.024	0.988	3.74e-04 (-0.05, 0.05)	-0.015	0.023	0.520	-0.01 (-0.06, 0.03)
Q86UW2	SLC51B	OID30107	192	-0.008	0.013	0.529	-0.01 (-0.03, 0.02)	0.824	0.011	0.008	0.025	0.749	0.01 (-0.04, 0.06)	-0.001	0.453	0.005	0.023	0.834	4.87e-03 (-0.04, 0.05)	-0.008	0.025	0.748	-0.01 (-0.06, 0.04)
Q6FI81	CIAPIN1	OID21501	192	-0.008	0.013	0.532	-0.01 (-0.03, 0.02)	0.824	0.003	-0.004	0.026	0.873	-4.13e-03 (-0.05, 0.05)	0.000	0.850	-0.005	0.024	0.830	-0.01 (-0.05, 0.04)	-0.020	0.024	0.414	-0.02 (-0.07, 0.03)
P39060	COL18A1	OID20332	192	0.008	0.013	0.534	0.01 (-0.02, 0.03)	0.824	2.49E-04	-0.010	0.025	0.684	-0.01 (-0.06, 0.04)	0.001	0.396	-0.002	0.024	0.939	-1.84e-03 (-0.05, 0.05)	-0.006	0.023	0.794	-0.01 (-0.05, 0.04)
P10145	CXCL8	OID20997	192	0.009	0.015	0.533	0.01 (-0.02, 0.04)	0.824	9.57E-07	0.016	0.028	0.572	0.02 (-0.04, 0.07)	0.000	0.775	0.015	0.024	0.526	0.02 (-0.03, 0.06)	0.018	0.022	0.403	0.02 (-0.02, 0.06)
Q96GG9	DCUN1D1	OID30830	192	0.009	0.014	0.532	0.01 (-0.02, 0.04)	0.824	0.002	0.017	0.027	0.519	0.02 (-0.04, 0.07)	-0.001	0.706	0.022	0.023	0.325	0.02 (-0.02, 0.07)	0.005	0.025	0.832	0.01 (-0.04, 0.05)
Q16610	ECM1	OID30736	192	-0.008	0.013	0.533	-0.01 (-0.03, 0.02)	0.824	9.57E-05	-0.031	0.025	0.210	-0.03 (-0.08, 0.02)	0.001	0.275	-0.012	0.024	0.607	-0.01 (-0.06, 0.03)	-0.008	0.024	0.731	-0.01 (-0.05, 0.04)
P22102	GART	OID31004	192	0.007	0.012	0.533	0.01 (-0.02, 0.03)	0.824	0.718	-0.024	0.023	0.289	-0.02 (-0.07, 0.02)	0.002	0.108	0.018	0.020	0.372	0.02 (-0.02, 0.06)	0.018	0.022	0.430	0.02 (-0.03, 0.06)
Q96PP9	GBP4	OID20845	192	0.006	0.010	0.531	0.01 (-0.01, 0.03)	0.824	0.068	0.008	0.021	0.697	0.01 (-0.03, 0.05)	0.000	0.918	0.003	0.021	0.899	2.63e-03 (-0.04, 0.04)	-0.005	0.020	0.781	-0.01 (-0.04, 0.03)
P17181	IFNAR1	OID31491	192	-0.009	0.014	0.534	-0.01 (-0.04, 0.02)	0.824	2.42E-07	-0.009	0.027	0.732	-0.01 (-0.06, 0.04)	0.000	0.979	-0.038	0.019	0.049	-0.04 (-0.08, -2.06e-04)	-0.033	0.022	0.145	-0.03 (-0.08, 0.01)
Q16270	IGFBP7	OID20236	192	0.010	0.015	0.532	0.01 (-0.02, 0.04)	0.824	1.22E-15	-0.023	0.030	0.427	-0.02 (-0.08, 0.03)	0.002	0.193	0.002	0.023	0.927	2.11e-03 (-0.04, 0.05)	0.012	0.022	0.596	0.01 (-0.03, 0.06)
P01374	LTA	OID20586	192	0.011	0.018	0.533	0.01 (-0.02, 0.05)	0.824	6.34E-47	0.000	0.034	0.995	2.02e-04 (-0.07, 0.07)	0.001	0.713	0.037	0.019	0.052	0.04 (-3.04e-04, 0.07)	0.031	0.021	0.143	0.03 (-0.01, 0.07)
Q8TC05	MDM1	OID30945	192	0.009	0.014	0.531	0.01 (-0.02, 0.04)	0.824	0.004	0.000	0.026	0.989	3.69e-04 (-0.05, 0.05)	0.001	0.719	0.026	0.022	0.229	0.03 (-0.02, 0.07)	0.009	0.024	0.721	0.01 (-0.04, 0.06)
Q8N4C8	MINK1	OID31156	192	-0.008	0.013	0.530	-0.01 (-0.03, 0.02)	0.824	0.004	-0.008	0.026	0.755	-0.01 (-0.06, 0.04)	0.000	0.990	0.004	0.023	0.849	4.48e-03 (-0.04, 0.05)	-0.003	0.023	0.881	-3.42e-03 (-0.05, 0.04)
Q16621	NFE2	OID30268	192	-0.009	0.014	0.530	-0.01 (-0.04, 0.02)	0.824	2.83E-04	-0.026	0.027	0.342	-0.03 (-0.08, 0.03)	0.001	0.463	-0.016	0.024	0.512	-0.02 (-0.06, 0.03)	-0.029	0.023	0.201	-0.03 (-0.07, 0.02)
P63098	PPP3R1	OID20902	192	0.009	0.015	0.533	0.01 (-0.02, 0.04)	0.824	2.31E-07	-0.045	0.028	0.117	-0.04 (-0.10, 0.01)	0.003	0.028	-0.025	0.020	0.214	-0.03 (-0.06, 0.01)	-0.037	0.022	0.095	-0.04 (-0.08, 0.01)
P28908	TNFRSF8	OID21049	192	-0.009	0.014	0.534	-0.01 (-0.04, 0.02)	0.824	2.03E-05	-0.028	0.027	0.297	-0.03 (-0.08, 0.02)	0.001	0.398	-0.011	0.023	0.646	-0.01 (-0.06, 0.03)	0.002	0.023	0.931	2.03e-03 (-0.04, 0.05)
Q07011	TNFRSF9	OID20985	192	0.008	0.013	0.531	0.01 (-0.02, 0.03)	0.824	0.001	-0.017	0.026	0.504	-0.02 (-0.07, 0.03)	0.002	0.248	-0.007	0.023	0.764	-0.01 (-0.05, 0.04)	0.000	0.023	0.984	4.82e-04 (-0.05, 0.05)
Q9HD89	RETN	OID20327	192	-0.009	0.014	0.534	-0.01 (-0.04, 0.02)	0.824	9.27E-08	-0.015	0.028	0.593	-0.02 (-0.07, 0.04)	0.000	0.802	0.012	0.022	0.581	0.01 (-0.03, 0.06)	0.006	0.022	0.771	0.01 (-0.04, 0.05)
P08134	RHOC	OID20950	192	-0.008	0.013	0.534	-0.01 (-0.03, 0.02)	0.824	0.033	-0.015	0.025	0.558	-0.01 (-0.06, 0.03)	0.000	0.756	-0.008	0.024	0.751	-0.01 (-0.06, 0.04)	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)
P16109	SELP	OID20379	192	-0.012	0.019	0.534	-0.01 (-0.05, 0.03)	0.824	2.90E-32	-0.011	0.037	0.769	-0.01 (-0.08, 0.06)	0.000	0.975	0.013	0.023	0.574	0.01 (-0.03, 0.06)	0.012	0.024	0.626	0.01 (-0.04, 0.06)
Q76M96	CCDC80	OID20226	192	-0.008	0.014	0.535	-0.01 (-0.04, 0.02)	0.825	8.74E-08	-0.071	0.026	0.007	-0.07 (-0.12, -0.02)	0.004	0.005	-0.027	0.022	0.224	-0.03 (-0.07, 0.02)	-0.025	0.020	0.224	-0.02 (-0.06, 0.02)
Q6P996	PDXDC1	OID31226	192	-0.008	0.012	0.536	-0.01 (-0.03, 0.02)	0.826	0.340	-0.026	0.024	0.276	-0.03 (-0.07, 0.02)	0.001	0.364	-0.032	0.023	0.171	-0.03 (-0.08, 0.01)	-0.024	0.025	0.333	-0.02 (-0.07, 0.02)
Q9H3K6;Q	BOLA2B;BOL	OID30267	192	0.007	0.012	0.536	0.01 (-0.02, 0.03)	0.826	0.474	-0.007	0.023	0.742	-0.01 (-0.05, 0.04)	0.001	0.450	0.005	0.024	0.840	4.78e-03 (-0.04, 0.05)	-0.005	0.023	0.812	-0.01 (-0.05, 0.04)
Q8N8S7	ENAH	OID20497	192	-0.009	0.015	0.537	-0.01 (-0.04, 0.02)	0.827	1.53E-07	-0.049	0.029	0.095	-0.05 (-0.11, 0.01)	0.003	0.114	-0.036	0.023	0.106	-0.04 (-0.08, 0.01)	-0.028	0.023	0.221	-0.03 (-0.07, 0.02)
Q99497	PARK7	OID21160	192	-0.008	0.013	0.538	-0.01 (-0.03, 0.02)	0.828	0.018	-0.016	0.025	0.525	-0.02 (-0.06, 0.03)	0.001	0.709	-0.009	0.024	0.707	-0.01 (-0.06, 0.04)	-0.027	0.023	0.251	-0.03 (-0.07, 0.02)
O43570	CA12	OID21344	192	0.009	0.014	0.539	0.01 (-0.02, 0.04)	0.829	1.73E-05	-0.018	0.027	0.498	-0.02 (-0.07, 0.03)	0.002	0.246	0.000	0.020	0.999	1.94e-05 (-0.04, 0.04)	-0.020	0.023	0.385	-0.02 (-0.07, 0.03)
Q8IV38	ANKMY2	OID30518	192	-0.008	0.013	0.540	-0.01 (-0.03, 0.02)	0.831	0.007	-0.010	0.026	0.710	-0.01 (-0.06, 0.04)	0.000	0.946	0.003	0.025	0.905	2.95e-03 (-0.05, 0.05)	-0.014	0.024	0.548	-0.01 (-0.06, 0.03)
Q01543	FLI1	OID21239	192	0.008	0.014	0.541	0.01 (-0.02, 0.04)	0.831	0.001	-0.007	0.027	0.785	-0.01 (-0.06, 0.05)	0.001	0.493	0.001	0.024	0.954	1.40e-03 (-0.05, 0.05)	0.000	0.023	1.000	9.72e-06 (-0.05, 0.05)
P59780	AP3S2	OID31117	192	0.008	0.013	0.542	0.01 (-0.02, 0.03)	0.831	0.022	-0.017	0.025	0.499	-0.02 (-0.07, 0.03)	0.002	0.248	-0.002	0.024	0.923	-2.34e-03 (-0.05, 0.05)	-0.004	0.023	0.864	-3.88e-03 (-0.05, 0.04)
P15529	CD46	OID20380	16	-0.033	0.055	0.542	-0.03 (-0.14, 0.07)	0.832	4.96E-09	0.030	0.072	0.688	0.03 (-0.11, 0.17)	-0.008	0.214	0.001	0.029	0.962	1.39e-03 (-0.06, 0.06)	0.001	0.029	0.965	1.30e-03 (-0.06, 0.06)
O95998	IL18BP	OID20348	192	0.008	0.013	0.543	0.01 (-0.02, 0.03)	0.832	0.004	-0.025	0.025	0.308	-0.03 (-0.07, 0.02)	0.002	0.120	-0.003	0.023	0.910	-2.63e-03 (-0.05, 0.04)	-0.001	0.021	0.951	-1.29e-03 (-0.04, 0.04)
Q86UU1	PHLDB1	OID31467	192	0.008	0.013	0.543	0.01 (-0.02, 0.03)	0.832	0.002	-0.034	0.026	0.187	-0.03 (-0.08, 0.02)	0.003	0.057	0.009	0.023	0.712	0.01 (-0.04, 0.05)	-0.001	0.024	0.977	-6.85e-04 (-0.05, 0.05)
Q96A00	PPP1R14A	OID31011	192	0.007	0.012	0.543	0.01 (-0.02, 0.03)	0.832	0.317	0.005	0.023	0.832	4.95e-03 (-0.04, 0.05)	0.000	0.913	0.007	0.023	0.748	0.01 (-0.04, 0.05)	0.003	0.023	0.882	3.44e-03 (-0.04, 0.05)
P41236	PPP1R2	OID20176	192	-0.008	0.013	0.543	-0.01 (-0.03, 0.02)	0.832	0.011	-0.015	0.025	0.566	-0.01 (-0.06, 0.04)	0.000	0.760	-0.010	0.022	0.649	-0.01 (-0.05, 0.03)	-0.021	0.022	0.355	-0.02 (-0.06, 0.02)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	Gene	OID	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
Q9UNN8	PROCR	OID30149	48	-0.012	0.020	0.543	-0.01 (-0.05, 0.03)	0.832	0.618	-0.034	0.030	0.269	-0.03 (-0.09, 0.03)	0.002	0.345	-0.025	0.028	0.383	-0.02 (-0.08, 0.03)	-0.027	0.027	0.312	-0.03 (-0.08, 0.03)
Q8TEA8	DTD1	OID30580	192	-0.008	0.013	0.546	-0.01 (-0.03, 0.02)	0.832	0.013	-0.006	0.026	0.817	-0.01 (-0.06, 0.04)	0.000	0.927	-0.014	0.022	0.536	-0.01 (-0.06, 0.03)	-0.015	0.022	0.503	-0.01 (-0.06, 0.03)
Q13451	FKBP5	OID20937	192	-0.008	0.013	0.545	-0.01 (-0.03, 0.02)	0.832	0.021	-0.003	0.025	0.894	-3.33e-03 (-0.05, 0.05)	0.000	0.835	-0.006	0.025	0.812	-0.01 (-0.06, 0.04)	-0.020	0.026	0.438	-0.02 (-0.07, 0.03)
P20645	M6PR	OID30208	192	-0.008	0.013	0.546	-0.01 (-0.03, 0.02)	0.832	0.016	-0.043	0.026	0.100	-0.04 (-0.09, 0.01)	0.002	0.120	-0.037	0.024	0.121	-0.04 (-0.08, 0.01)	-0.036	0.025	0.153	-0.04 (-0.09, 0.01)
P58417	NXPH1	OID20849	192	-0.008	0.014	0.544	-0.01 (-0.04, 0.02)	0.832	0.002	0.028	0.026	0.283	0.03 (-0.02, 0.08)	-0.002	0.106	-0.004	0.025	0.881	-3.73e-03 (-0.05, 0.04)	-0.004	0.024	0.866	-4.13e-03 (-0.05, 0.04)
Q13976	PRKG1	OID30621	192	-0.008	0.013	0.545	-0.01 (-0.03, 0.02)	0.832	0.006	-0.020	0.026	0.442	-0.02 (-0.07, 0.03)	0.001	0.593	-0.017	0.024	0.479	-0.02 (-0.06, 0.03)	-0.038	0.023	0.106	-0.04 (-0.08, 0.01)
P35249	RFC4	OID31376	192	0.007	0.012	0.545	0.01 (-0.02, 0.03)	0.832	0.350	-0.023	0.023	0.321	-0.02 (-0.07, 0.02)	0.002	0.130	-0.023	0.020	0.259	-0.02 (-0.06, 0.02)	-0.030	0.024	0.210	-0.03 (-0.08, 0.02)
Q8IWL1	SFTPA2	OID21218	192	0.008	0.013	0.544	0.01 (-0.02, 0.03)	0.832	2.01E-04	0.018	0.025	0.483	0.02 (-0.03, 0.07)	-0.001	0.644	0.037	0.017	0.032	0.04 (3.15e-03, 0.07)	0.046	0.024	0.051	0.05 (1.71e-04, 0.09)
O95858	TSPAN15	OID30095	192	0.007	0.012	0.546	0.01 (-0.02, 0.03)	0.832	0.144	-0.013	0.025	0.590	-0.01 (-0.06, 0.04)	0.001	0.330	-0.022	0.020	0.280	-0.02 (-0.06, 0.02)	-0.037	0.028	0.179	-0.04 (-0.09, 0.02)
Q86SJ2	AMIGO2	OID21370	192	0.011	0.018	0.546	0.01 (-0.02, 0.05)	0.832	9.61E-25	-0.004	0.035	0.899	-4.46e-03 (-0.07, 0.06)	0.001	0.610	0.015	0.020	0.447	0.01 (-0.02, 0.05)	0.015	0.022	0.491	0.02 (-0.03, 0.06)
O15169	AXIN1	OID20582	192	-0.007	0.012	0.547	-0.01 (-0.03, 0.02)	0.833	0.077	0.003	0.024	0.913	2.63e-03 (-0.04, 0.05)	-0.001	0.642	0.007	0.020	0.745	0.01 (-0.03, 0.05)	0.000	0.025	0.991	2.85e-04 (-0.05, 0.05)
Q07065	CKAP4	OID20617	192	0.009	0.015	0.547	0.01 (-0.02, 0.04)	0.833	3.53E-09	-0.055	0.028	0.049	-0.06 (-0.11, -6.56e-04)	0.004	0.008	-0.030	0.020	0.145	-0.03 (-0.07, 0.01)	-0.017	0.021	0.416	-0.02 (-0.06, 0.02)
Q8WUD1	RAB2B	OID31362	192	-0.008	0.014	0.548	-0.01 (-0.04, 0.02)	0.834	0.001	-0.004	0.027	0.871	-4.30e-03 (-0.06, 0.05)	0.000	0.864	-0.009	0.025	0.731	-0.01 (-0.06, 0.04)	-0.008	0.024	0.749	-0.01 (-0.05, 0.04)
E2RYF7	HCG22	OID30088	192	0.011	0.018	0.550	0.01 (-0.03, 0.05)	0.835	1.78E-26	-0.007	0.036	0.841	-0.01 (-0.08, 0.06)	0.001	0.554	-0.015	0.022	0.490	-0.02 (-0.06, 0.03)	-0.009	0.023	0.685	-0.01 (-0.05, 0.04)
P42702	LIFR	OID20606	192	0.016	0.026	0.550	0.02 (-0.04, 0.07)	0.835	3.16E-112	0.064	0.051	0.208	0.06 (-0.04, 0.16)	-0.003	0.266	0.040	0.024	0.099	0.04 (-0.01, 0.09)	0.037	0.020	0.075	0.04 (-3.46e-03, 0.08)
P20783	NTF3	OID20591	192	0.008	0.014	0.551	0.01 (-0.02, 0.04)	0.835	3.29E-04	0.045	0.027	0.091	0.05 (-0.01, 0.10)	-0.002	0.106	0.043	0.020	0.034	0.04 (3.27e-03, 0.08)	0.035	0.023	0.135	0.03 (-0.01, 0.08)
P16233	PNLIP	OID30693	192	0.019	0.031	0.550	0.02 (-0.04, 0.08)	0.835	8.29E-188	0.074	0.061	0.225	0.07 (-0.05, 0.19)	-0.003	0.291	0.034	0.023	0.142	0.03 (-0.01, 0.08)	0.030	0.025	0.230	0.03 (-0.02, 0.08)
Q9H741	SPRING1	OID31197	192	0.008	0.013	0.549	0.01 (-0.02, 0.03)	0.835	0.017	-0.002	0.026	0.951	-1.62e-03 (-0.05, 0.05)	0.001	0.666	-0.011	0.020	0.590	-0.01 (-0.05, 0.03)	-0.011	0.023	0.642	-0.01 (-0.06, 0.03)
Q92558	WASF1	OID20091	192	-0.008	0.013	0.551	-0.01 (-0.03, 0.02)	0.835	0.001	-0.009	0.026	0.740	-0.01 (-0.06, 0.04)	0.000	0.976	0.008	0.023	0.741	0.01 (-0.04, 0.05)	-0.005	0.023	0.810	-0.01 (-0.05, 0.04)
P16671	CD36	OID30485	192	0.009	0.015	0.552	0.01 (-0.02, 0.04)	0.836	1.24E-09	-0.008	0.029	0.796	-0.01 (-0.07, 0.05)	0.001	0.510	-0.017	0.021	0.416	-0.02 (-0.06, 0.02)	-0.010	0.023	0.665	-0.01 (-0.06, 0.04)
P23511	NFYA	OID30134	192	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.836	0.407	-0.022	0.023	0.358	-0.02 (-0.07, 0.02)	0.002	0.154	-0.028	0.022	0.200	-0.03 (-0.07, 0.01)	-0.032	0.023	0.176	-0.03 (-0.08, 0.01)
Q8N2Q7	NLGN1	OID30900	192	0.007	0.012	0.552	0.01 (-0.02, 0.03)	0.836	0.275	0.014	0.024	0.552	0.01 (-0.03, 0.06)	0.000	0.729	0.005	0.025	0.827	0.01 (-0.04, 0.05)	0.021	0.024	0.391	0.02 (-0.03, 0.07)
P17516	AKR1C4	OID20062	192	0.007	0.012	0.553	0.01 (-0.02, 0.03)	0.837	0.228	-0.040	0.024	0.100	-0.04 (-0.09, 0.01)	0.003	0.024	0.009	0.025	0.713	0.01 (-0.04, 0.06)	0.003	0.023	0.881	3.48e-03 (-0.04, 0.05)
P09960	LTA4H	OID21452	192	-0.007	0.012	0.554	-0.01 (-0.03, 0.02)	0.838	0.778	-0.051	0.022	0.023	-0.05 (-0.10, -0.01)	0.003	0.022	-0.016	0.023	0.493	-0.02 (-0.06, 0.03)	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)
O43896	KIF1C	OID30163	192	0.007	0.012	0.555	0.01 (-0.02, 0.03)	0.838	0.258	-0.045	0.023	0.058	-0.04 (-0.09, 1.22e-03)	0.003	0.011	-0.042	0.020	0.038	-0.04 (-0.08, -2.25e-03)	-0.047	0.022	0.033	-0.05 (-0.09, -4.13e-03)
P43378	PTPN9	OID30437	192	-0.007	0.012	0.555	-0.01 (-0.03, 0.02)	0.839	0.901	0.007	0.023	0.776	0.01 (-0.04, 0.05)	-0.001	0.493	0.022	0.021	0.289	0.02 (-0.02, 0.06)	0.029	0.026	0.261	0.03 (-0.02, 0.08)
Q12888	TP53BP1	OID30470	192	0.010	0.016	0.556	0.01 (-0.02, 0.04)	0.839	3.36E-12	0.007	0.032	0.825	0.01 (-0.06, 0.07)	0.000	0.924	-0.031	0.024	0.206	-0.03 (-0.08, 0.02)	-0.045	0.023	0.050	-0.04 (-0.09, -1.93e-04)
O95274	LYPD3	OID21530	192	-0.010	0.017	0.557	-0.01 (-0.04, 0.02)	0.840	8.36E-28	0.044	0.033	0.176	0.04 (-0.02, 0.11)	-0.003	0.054	0.022	0.019	0.257	0.02 (-0.02, 0.06)	0.020	0.022	0.356	0.02 (-0.02, 0.06)
Q9Y303	AMDHD2	OID30366	192	0.007	0.012	0.563	0.01 (-0.02, 0.03)	0.842	0.628	0.026	0.023	0.265	0.03 (-0.02, 0.07)	-0.001	0.340	0.024	0.024	0.304	0.02 (-0.02, 0.07)	0.033	0.025	0.190	0.03 (-0.02, 0.08)
Q8NDB2	BANK1	OID20594	192	-0.007	0.013	0.562	-0.01 (-0.03, 0.02)	0.842	0.040	0.008	0.024	0.746	0.01 (-0.04, 0.06)	-0.001	0.468	0.015	0.021	0.480	0.02 (-0.03, 0.06)	-0.005	0.024	0.847	-4.59e-03 (-0.05, 0.04)
P0C7M8	CLEC2L	OID30884	192	0.008	0.014	0.559	0.01 (-0.02, 0.04)	0.842	0.001	0.027	0.027	0.316	0.03 (-0.03, 0.08)	-0.001	0.412	0.005	0.027	0.853	4.91e-03 (-0.05, 0.06)	0.007	0.027	0.799	0.01 (-0.05, 0.06)
Q96PD2	DCBLD2	OID21474	192	-0.011	0.018	0.563	-0.01 (-0.05, 0.03)	0.842	1.31E-33	0.003	0.036	0.925	3.34e-03 (-0.07, 0.07)	-0.001	0.648	0.021	0.023	0.348	0.02 (-0.02, 0.07)	0.025	0.023	0.275	0.02 (-0.02, 0.07)
P59665;P5	DEFA1;DEFA1	OID20344	192	-0.008	0.014	0.564	-0.01 (-0.04, 0.02)	0.842	4.61E-07	-0.020	0.028	0.469	-0.02 (-0.08, 0.03)	0.001	0.618	-0.008	0.025	0.741	-0.01 (-0.06, 0.04)	-0.013	0.023	0.577	-0.01 (-0.06, 0.03)
O00559	EBAG9	OID20918	192	-0.008	0.013	0.563	-0.01 (-0.03, 0.02)	0.842	0.019	-0.024	0.025	0.346	-0.02 (-0.07, 0.03)	0.001	0.451	-0.007	0.024	0.767	-0.01 (-0.05, 0.04)	-0.027	0.023	0.256	-0.03 (-0.07, 0.02)
P42892	ECE1	OID20891	192	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)	0.842	1.54E-75	-0.001	0.047	0.988	-7.29e-04 (-0.09, 0.09)	-0.001	0.740	0.019	0.023	0.410	0.02 (-0.03, 0.07)	0.027	0.023	0.236	0.03 (-0.02, 0.07)
Q9Y285	FARSA	OID30887	192	0.008	0.014	0.563	0.01 (-0.02, 0.03)	0.842	0.003	-0.027	0.026	0.307	-0.03 (-0.08, 0.02)	0.002	0.124	-0.005	0.020	0.802	-0.01 (-0.05, 0.03)	-0.009	0.023	0.706	-0.01 (-0.05, 0.04)
Q06787	FMR1	OID21233	192	-0.007	0.012	0.563	-0.01 (-0.03, 0.02)	0.842	0.170	-0.023	0.024	0.355	-0.02 (-0.07, 0.03)	0.001	0.454	-0.023	0.025	0.371	-0.02 (-0.07, 0.03)	-0.030	0.026	0.251	-0.03 (-0.08, 0.02)
P02751	FN1	OID30787	192	0.007	0.013	0.560	0.01 (-0.02, 0.03)	0.842	0.022	-0.021	0.024	0.389	-0.02 (-0.07, 0.03)	0.002	0.175	-0.012	0.022	0.604	-0.01 (-0.06, 0.03)	-0.012	0.023	0.609	-0.01 (-0.06, 0.03)
O75293	GADD45B	OID31261	192	0.007	0.012	0.563	0.01 (-0.02, 0.03)	0.842	0.806	0.000	0.023	0.987	-3.89e-04 (-0.05, 0.05)	0.000	0.713	-0.021	0.022	0.344	-0.02 (-0.06, 0.02)	-0.015	0.025	0.560	-0.01 (-0.06, 0.04)
Q16665	HIF1A	OID30425	192	-0.007	0.012	0.561	-0.01 (-0.03, 0.02)	0.842	0.427	-0.023	0.024	0.322	-0.02 (-0.07, 0.02)	0.001	0.417	-0.035	0.020	0.081	-0.03 (-0.07, 4.25e-03)	-0.040	0.023	0.084	-0.04 (-0.08, 0.01)
Q01581	HMGCS1	OID30157	192	-0.008	0.013	0.560	-0.01 (-0.03, 0.02)	0.842	0.013	-0.007	0.026	0.779	-0.01 (-0.06, 0.04)	0.000	0.982	-0.011	0.025	0.664	-0.01 (-0.06, 0.04)	-0.006	0.023	0.780	-0.01 (-0.05, 0.04)
O75330	HMMR	OID31175	192	-0.007	0.012	0.562	-0.01 (-0.03, 0.02)	0.842	0.628	-0.019	0.024	0.419	-0.02 (-0.07, 0.03)	0.001	0.553	-0.034	0.021	0.114	-0.03 (-0.08, 0.01)	-0.041	0.025	0.109	-0.04 (-0.09, 0.01)
Q8IVU1	IGDCC3	OID30862	192	0.007	0.012	0.564	0.01 (-0.02, 0.03)	0.842	0.056	0.000	0.025	0.999	1.64e-05 (-0.05, 0.05)	0.000	0.749	0.007	0.025	0.769	0.01 (-0.04, 0.06)	0.004	0.024	0.882	3.63e-03 (-0.04, 0.05)
P51617	IRAK1	OID20485	192	-0.008	0.013	0.563	-0.01 (-0.03, 0.02)	0.842	0.009	-0.029	0.025	0.249	-0.03 (-0.08, 0.02)	0.001	0.317	-0.010	0.023	0.662	-0.01 (-0.06, 0.04)	-0.020	0.023	0.374	-0.02 (-0.06, 0.02)
Q96A32	MYL11	OID30917	192	0.007	0.011	0.559	0.01 (-0.02, 0.03)	0.842	0.213	-0.034	0.023	0.145	-0.03 (-0.08, 0.01)	0.003	0.042	-0.003	0.018	0.889	-2.57e-03 (-0.04, 0.03)	-0.021	0.025	0.400	-0.02 (-0.07, 0.03)
Q96DE0	NUDT16	OID31484	192	-0.008	0.014	0.560	-0.01 (-0.04, 0.02)	0.842	1.24E-05	-0.006	0.028	0.829	-0.01 (-0.06, 0.05)	0.000	0.922	-0.006	0.024	0.785	-0.01 (-0.05, 0.04)	-0.009	0.021	0.649	-0.01 (-0.05, 0.03)
Q86VP3	PACS2	OID30186	192	-0.008	0.013	0.560	-0.01 (-0.03, 0.02)	0.842	0.007	-0.023	0.026	0.371	-0.02 (-0.07, 0.03)	0.001	0.487	-0.002	0.023	0.948	-1.53e-03 (-0.05, 0.04)	-0.027	0.023	0.235	-0.03 (-0.07, 0.02)
Q92574	TSC1	OID30478	192	0.007	0.012	0.559	0.01 (-0.02, 0.03)	0.842	0.216	0.002	0.024	0.941	1.81e-03 (-0.05, 0.05)	0.000	0.802	0.017	0.023	0.466	0.02 (-0.03, 0.06)	0.002	0.024	0.923	2.37e-03 (-0.05, 0.05)
Q9UPY6	WASF3	OID20882	192	-0.007	0.012	0.560	-0.01 (-0.03, 0.02)	0.842	0.099	-0.030	0.025	0.230	-0.03 (-0.08, 0.02)	0.001	0.284	-0.015	0.025	0.557	-0.01 (-0.06, 0.03)	-0.022	0.025	0.382	-0.02 (-0.07, 0.03)
P45954	ACADSB	OID30356	192	-0.008	0.014	0.569	-0.01 (-0.04, 0.02)	0.842	2.60E-04	-0.032	0.027	0.230	-0.03 (-0.08, 0.02)	0.002	0.290	-0.012	0.025	0.619	-0.01 (-0.06, 0.04)	-0.020	0.025	0.431	-0.02 (-0.07, 0.03)
P46379	BAG6	OID20114	192	-0.008	0.013	0.569	-0.01 (-0.03, 0.02)	0.842	0.004	-0.021	0.026	0.424	-0.02 (-0.07, 0.03)	0.001	0.554	0.004	0.025	0.857	4.44e-03 (-0.04, 0.05)	-0.007	0.025	0.771	-0.01 (-0.06, 0.04)
Q9Y2V2	CARHSP1	OID20859	192	-0.007	0.012	0.565	-0.01 (-0.03, 0.02)	0.842	0.847	0.004	0.022	0.855	4.09e-03 (-0.04, 0.05)	-0.001	0.576	0.010	0.022	0.656	0.01 (-0.03, 0.05)	0.012	0.023	0.596	0.01 (-0.03, 0.06)
Q86T13	CLEC14A	OID21090	192	-0.012	0.022	0.569	-0.01 (-0.05, 0.03)	0.842	4.84E-62	-0.027	0.042	0.525	-0.03 (-0.11, 0.06)	0.001	0.689	-0.018	0.023	0.421	-0.02 (-0.06, 0.03)	-0.020	0.021	0.335	-0.02 (-0.06, 0.02)
P20023	CR2	OID20393	192	0.011	0.019	0.565	0.01 (-0.03, 0.05)	0.842	4.27E-39	-0.051	0.037	0.173	-0.05 (-0.12, 0.02)	0.004	0.053	0.050	0.021	0.019	0.05 (0.01, 0.09)	0.040	0.023	0.089	0.04 (-0.01, 0.09)
Q14184	DOC2B	OID30927	192	0.007	0.012	0.566	0.01 (-0.02, 0.03)	0.842	0.458	-0.004	0.024	0.854	-4.34e-03 (-0.05, 0.04)	0.001	0.576	0.002	0.026	0.924	2.46e-03 (-0.05, 0.05)	-0.001	0.025	0.974	-8.15e-04 (-0.05, 0.05)
P01579	IFNG	OID20495	192	-0.008	0.013	0.567	-0.01 (-0.03, 0.02)	0.842	0.023	-0.018	0.026	0.487	-0.02 (-0.07, 0.03)	0.001	0.640	-0.010	0.025	0.692	-0.01 (-0.06, 0.04)	0.006	0.024	0.818	0.01 (-0.04, 0.05)
P26440	IVD	OID20833	192	0.007	0.012	0.567	0.01 (-0.02, 0.03)	0.842	0.123	-0.020	0.025	0.414	-0.02 (-0.07, 0.03)	0.002	0.201	0.010	0.026	0.688	0.01 (-0.04, 0.06)	0.009	0.026	0.728	0.01 (-0.04, 0.06)
Q8N2G4	LYPD1	OID20821	192	0.007	0.012	0.566	0.01 (-0.02, 0.03)	0.842	0.119	0.045	0.025	0.067	0.05 (-2.95e-03, 0.09)	-0.002	0.070	0.025	0.025	0.315	0.03 (-0.02, 0.07)	0.024	0.023	0.297	0.02 (-0.02, 0.07)
P21741	MDK	OID21489	192	-0.008	0.014	0.567	-0.01 (-0.04, 0.02)	0.842	1.44E-04	-0.011	0.027	0.692	-0.01 (-0.06, 0.04)	0.000	0.905	-0.009	0.025	0.713	-0.01 (-0.06, 0.04)	-0.012	0.025	0.621	-0.01 (-0.06, 0.04)
Q8WXI7	MUC16	OID21378	192	0.007	0.013	0.569	0.01 (-0.02, 0.03)	0.842	0.017	0.055	0.025	0.031	0.05 (0.01, 0.10)	-0.003	0.029	0.032	0.023	0.169	0.03 (-0.01, 0.08)	0.029	0.026	0.262	0.03 (-0.02, 0.08)
O60825	PFKFB2	OID21356	192	-0.008	0.014	0.568	-0.01 (-0.03, 0.02)	0.842	2.63E-04	-0.012	0.026	0.647	-0.01 (-0.06, 0.04)	0.000	0.848	-0.009	0.024	0.716	-0.01 (-0.06, 0.04)	-0.018	0.022	0.413	-0.02 (-0.06, 0.03)
O75154	RAB11FIP3	OID30325	192	-0.008	0.014	0.568	-0.01 (-0.03, 0.02)	0.842	1.32E-04	-0.022	0.027	0.411	-0.02 (-0.07, 0.03)	0.001	0.537	-0.013	0.024	0.577	-0.01 (-0.06, 0.03)	-0.023	0.022	0.283	-0.02 (-0.07, 0.02)
Q14BN4	SLMAP	OID31441	192	-0.008	0.014	0.565	-0.01 (-0.04, 0.02)	0.842	1.93E-04	-0.032	0.027	0.237	-0.03 (-0.08, 0.02)	0.002	0.300	-0.023	0.024	0.336	-0.02 (-0.07, 0.02)	-0.018	0.023	0.434	-0.02 (-0.06, 0.03)
O43422	THAP12	OID31238	192	0.007	0.012	0.568	0.01 (-0.02, 0.03)	0.842	0.101	0.008	0.025	0.762	0.01 (-0.04, 0.06)	0.000	0.974	-0.011	0.022	0.611	-0.01 (-0.05, 0.03)	-0.007	0.023	0.752	-0.01 (-0.05, 0.04)
Q9NZC2	TREM2	OID20731	192	0.008	0.014	0.568	0.01 (-0.02, 0.04)	0.842	3.91E-10	-0.011	0.027	0.688	-0.01 (-0.06, 0.04)	0.001	0.417	0.017	0.021	0.418	0.02 (-0.02, 0.06)	0.019	0.020	0.349	0.02 (-0.02, 0.06)
Q969D9	TSLP	OID20056	192	0.008	0.013	0.567	0.01 (-0.02, 0.03)	0.842	0.012	0.033	0.026	0.212	0.03 (-0.02, 0.08)	-0.002	0.266	0.035	0.025	0.153	0.04 (-0.01, 0.08)	0.028	0.024	0.245	0.03 (-0.02, 0.08)
Q6ZMM2	ADAMTSL5	OID30355	192	-0.007	0.013	0.570	-0.01 (-0.03, 0.02)	0.843	0.002	0.008	0.025	0.749	0.01 (-0.04, 0.06)	-0.001	0.475	-0.033	0.022	0.141	-0.03 (-0.08, 0.01)	-0.030	0.024	0.216	-0.03 (-0.08, 0.02)
Q16643	DBN1	OID30549	192	-0.008	0.013	0.570	-0.01 (-0.03, 0.02)	0.843	0.009	-0.015	0.026	0.559	-0.02 (-0.07, 0.04)	0.000	0.732	-0.028	0.025	0.254	-0.03 (-0.08, 0.02)	-0.028	0.022	0.203	-0.03 (-0.07, 0.02)
P08582	MELTF	OID30347	192	-0.007	0.013	0.571	-0.01 (-0.03, 0.02)	0.844	5.07E-07	-0.014	0.025	0.573	-0.01 (-0.06, 0.04)	0.000	0.751	-0.019	0.022	0.393	-0.02 (-0.06, 0.02)	-0.017	0.022	0.452	-0.02 (-0.06, 0.03)
P27701	CD82	OID31256	192	0.007	0.012	0.572	0.01 (-0.02, 0.03)	0.845	0.334	0.004	0.024	0.861	4.19e-03 (-0.04, 0.05)	0.000	0.899	-0.012	0.023	0.609	-0.01 (-0.06, 0.03)	-0.006	0.025	0.814	-0.01 (-0.05, 0.04)
P55039	DRG2	OID21335	192	-0.007	0.013	0.573	-0.01 (-0.03, 0.02)	0.845	0.005	-0.002	0.026	0.944	-1.82e-03 (-0.05, 0.05)	0.000	0.797	-0.002	0.025	0.939	-1.91e-03 (-0.05, 0.05)	-0.020	0.024	0.396	-0.02 (-0.07, 0.03)
Q96A35	MRPL24	OID30178	192	0.007	0.012	0.572	0.01 (-0.02, 0.03)	0.845	0.147	-0.044	0.024	0.075	-0.04 (-0.09, 4.14e-03)	0.003	0.017	-0.020	0.026	0.447	-0.02 (-0.07, 0.03)	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)
P42681	TXK	OID31262	192	-0.007	0.012	0.572	-0.01 (-0.03, 0.02)	0.845	0.474	-0.004	0.023	0.877	-3.62e-03 (-0.05, 0.04)	0.000	0.875	-0.012	0.026	0.651	-0.01 (-0.06, 0.04)	-0.020	0.025	0.432	-0.02 (-0.07, 0.03)
Q3MIW9	MUCL3	OID31170	192	-0.007	0.012	0.573	-0.01 (-0.03, 0.02)	0.845	0.702	-0.007	0.024	0.768	-0.01 (-0.05, 0.04)	0.000	0.995	-0.026	0.024	0.288	-0.03 (-0.07, 0.02)	-0.018	0.023	0.443	-0.02 (-0.06, 0.03)
O75592	MYCBP2	OID30996	192	0.007	0.012	0.573	0.01 (-0.02, 0.03)	0.845	0.080	0.006	0.024	0.799	0.01 (-0.04, 0.05)	0.000	0.986	0.022	0.022	0.333	0.02 (-0.02, 0.07)	0.013	0.024	0.590	0.01 (-0.03, 0.06)
Q09472	EP300	OID30438	192	0.007	0.012	0.574	0.01 (-0.02, 0.03)	0.846	0.196	0.001	0.024	0.959	1.26e-03 (-0.05, 0.05)	0.000	0.792	0.021	0.025	0.415	0.02 (-0.03, 0.07)	0.022	0.025	0.382	0.02 (-0.03, 0.07)
Q9NWM8	FKBP14	OID31065	192	-0.008	0.014	0.575	-0.01 (-0.04, 0.02)	0.846	5.04E-05	-0.021	0.027	0.455	-0.02 (-0.07, 0.03)	0.001	0.592	-0.021	0.025	0.414	-0.02 (-0.07, 0.03)	-0.021	0.024	0.373	-0.02 (-0.07, 0.03)
O43681	GET3	OID30303	192	-0.007	0.012	0.575	-0.01 (-0.03, 0.02)	0.846	0.078	-0.024	0.025	0.324	-0.02 (-0.07, 0.02)	0.001	0.402	-0.003	0.024	0.890	-3.35e-03 (-0.05, 0.04)	-0.009	0.026	0.726	-0.01 (-0.06, 0.04)
Q9BXI3	NT5C1A	OID31102	192	0.008	0.014	0.575	0.01 (-0.02, 0.04)	0.846	8.15E-08	-0.072	0.027	0.007	-0.07 (-0.12, -0.02)	0.005	0.001	-0.015	0.020	0.465	-0.01 (-0.05, 0.03)	-0.016	0.025	0.516	-0.02 (-0.07, 0.03)
Q9Y5K6	CD2AP	OID20177	192	0.006	0.011	0.576	0.01 (-0.02, 0.03)	0.846	0.380	-0.003	0.022	0.883	-3.25e-03 (-0.05, 0.04)	0.001	0.615	0.014	0.019	0.459	0.01 (-0.02, 0.05)	0.031	0.024	0.199	0.03 (-0.02, 0.08)
Q8ND71	GIMAP8	OID31194	192	0.007	0.013	0.577	0.01 (-0.02, 0.03)	0.846	0.008	-0.038	0.026	0.139	-0.04 (-0.09, 0.01)	0.003	0.040	0.004	0.021	0.831	4.49e-03 (-0.04, 0.05)	-0.067	0.028	0.017	-0.07 (-0.12, -0.01)
Q9Y251	HPSE	OID30409	192	-0.008	0.014	0.576	-0.01 (-0.03, 0.02)	0.846	0.001	-0.032	0.027	0.229	-0.03 (-0.08, 0.02)	0.002	0.285	-0.026	0.024	0.280	-0.03 (-0.07, 0.02)	-0.019	0.023	0.420	-0.02 (-0.06, 0.03)
Q93052	LPP	OID30190	192	-0.007	0.012	0.576	-0.01 (-0.03, 0.02)	0.846	0.248	-0.028	0.024	0.234	-0.03 (-0.08, 0.02)	0.001	0.287	-0.015	0.024	0.531	-0.02 (-0.06, 0.03)	-0.015	0.025	0.542	-0.02 (-0.06, 0.03)
Q9UBU8	MORF4L1	OID31257	192	0.007	0.012	0.577	0.01 (-0.02, 0.03)	0.846	0.405	-0.016	0.024	0.488	-0.02 (-0.06, 0.03)	0.001	0.254	-0.024	0.023	0.305	-0.02 (-0.07, 0.02)	-0.028	0.024	0.251	-0.03 (-0.07, 0.02)
Q99650	OSMR	OID20356	192	-0.008	0.014	0.577	-0.01 (-0.03, 0.02)	0.846	1.29E-11	-0.025	0.026	0.335	-0.03 (-0.08, 0.03)	0.001	0.428	-0.019	0.022	0.397	-0.02 (-0.06, 0.02)	-0.021	0.021	0.308	-0.02 (-0.06, 0.02)
P32241	VIPR1	OID30193	192	0.007	0.012	0.577	0.01 (-0.02, 0.03)	0.846	0.104	0.016	0.025	0.509	0.02 (-0.03, 0.07)	-0.001	0.649	0.006	0.026	0.817	0.01 (-0.04, 0.06)	0.005	0.023	0.836	4.82e-03 (-0.04, 0.05)
Q9Y6K9	IKBKG	OID20544	192	-0.007	0.013	0.578	-0.01 (-0.03, 0.02)	0.847	0.008	-0.002	0.025	0.939	-1.93e-03 (-0.05, 0.05)	0.000	0.807	-0.001	0.025	0.972	-8.68e-04 (-0.05, 0.05)	-0.011	0.025	0.646	-0.01 (-0.06, 0.04)
P41208	CETN2	OID20836	192	-0.008	0.014	0.579	-0.01 (-0.03, 0.02)	0.847	0.001	-0.028	0.027	0.289	-0.03 (-0.08, 0.02)	0.001	0.366	-0.023	0.024	0.344	-0.02 (-0.07, 0.02)	-0.012	0.023	0.602	-0.01 (-0.06, 0.03)
Q9NS37	CREBZF	OID31206	192	-0.007	0.012	0.580	-0.01 (-0.03, 0.02)	0.849	0.734	-0.040	0.024	0.090	-0.04 (-0.09, 0.01)	0.002	0.099	-0.044	0.022	0.045	-0.04 (-0.09, -9.52e-04)	-0.045	0.025	0.067	-0.05 (-0.09, 2.98e-03)
Q86X76	NIT1	OID30252	192	-0.007	0.013	0.581	-0.01 (-0.03, 0.02)	0.850	0.002	-0.001	0.026	0.980	-6.45e-04 (-0.05, 0.05)	0.000	0.762	-0.004	0.024	0.883	-3.55e-03 (-0.05, 0.04)	-0.019	0.024	0.445	-0.02 (-0.07, 0.03)
P20382	PMCH	OID30172	192	0.007	0.012	0.581	0.01 (-0.02, 0.03)	0.850	0.632	-0.055	0.023	0.020	-0.06 (-0.10, -0.01)	0.004	0.002	-0.008	0.020	0.679	-0.01 (-0.05, 0.03)	-0.050	0.026	0.053	-0.05 (-0.10, 2.94e-04)
Q9C035	TRIM5	OID20526	192	-0.007	0.013	0.581	-0.01 (-0.03, 0.02)	0.850	0.013	-0.012	0.025	0.630	-0.01 (-0.06, 0.04)	0.000	0.817	0.002	0.024	0.939	1.83e-03 (-0.05, 0.05)	-0.008	0.024	0.734	-0.01 (-0.05, 0.04)
P63010	AP2B1	OID30949	192	0.007	0.012	0.584	0.01 (-0.02, 0.03)	0.850	0.079	-0.006	0.025	0.800	-0.01 (-0.05, 0.04)	0.001	0.547	-0.025	0.022	0.256	-0.02 (-0.07, 0.02)	-0.020	0.023	0.396	-0.02 (-0.07, 0.03)
Q9H2M3	BHMT2	OID30051	192	0.007	0.012	0.583	0.01 (-0.02, 0.03)	0.850	0.705	0.002	0.023	0.931	2.03e-03 (-0.04, 0.05)	0.000	0.818	-0.005	0.024	0.840	-4.77e-03 (-0.05, 0.04)	-0.014	0.023	0.558	-0.01 (-0.06, 0.03)
P32927	CSF2RB	OID30553	192	0.005	0.008	0.585	4.58e-03 (-0.01, 0.02)	0.850	0.010	0.003	0.016	0.844	3.21e-03 (-0.03, 0.04)	0.000	0.922	0.000	0.016	0.981	3.70e-04 (-0.03, 0.03)	0.000	0.014	0.997	-5.96e-05 (-0.03, 0.03)
O14625	CXCL11	OID21042	192	-0.008	0.015	0.585	-0.01 (-0.04, 0.02)	0.850	3.02E-08	-0.015	0.029	0.600	-0.02 (-0.07, 0.04)	0.000	0.775	-0.030	0.021	0.151	-0.03 (-0.07, 0.01)	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)
P07108	DBI	OID21143	192	-0.007	0.013	0.585	-0.01 (-0.03, 0.02)	0.850	0.006	-0.020	0.025	0.429	-0.02 (-0.07, 0.03)	0.001	0.551	-0.012	0.023	0.585	-0.01 (-0.06, 0.03)	-0.024	0.022	0.271	-0.02 (-0.07, 0.02)
Q9Y2L6	FRMD4B	OID30155	192	-0.007	0.013	0.584	-0.01 (-0.03, 0.02)	0.850	0.007	-0.015	0.026	0.562	-0.01 (-0.07, 0.04)	0.000	0.728	-0.014	0.024	0.576	-0.01 (-0.06, 0.03)	-0.007	0.023	0.755	-0.01 (-0.05, 0.04)
Q14324	MYBPC2	OID30199	192	0.007	0.013	0.583	0.01 (-0.02, 0.03)	0.850	0.002	-0.055	0.025	0.029	-0.06 (-0.10, -0.01)	0.004	0.004	-0.035	0.020	0.077	-0.04 (-0.07, 3.87e-03)	-0.040	0.023	0.082	-0.04 (-0.09, 4.91e-03)
A6NGG8	PCARE	OID30838	192	-0.007	0.012	0.582	-0.01 (-0.03, 0.02)	0.850	0.062	-0.010	0.025	0.680	-0.01 (-0.06, 0.04)	0.000	0.861	0.006	0.024	0.792	0.01 (-0.04, 0.05)	-0.002	0.024	0.946	-1.61e-03 (-0.05, 0.05)
O75569	PRKRA	OID21225	192	0.007	0.014	0.585	0.01 (-0.02, 0.03)	0.850	0.001	-0.018	0.026	0.508	-0.02 (-0.07, 0.03)	0.002	0.271	-0.017	0.023	0.456	-0.02 (-0.06, 0.03)	-0.007	0.023	0.756	-0.01 (-0.05, 0.04)
Q9Y3B8	REXO2	OID30075	192	-0.007	0.012	0.584	-0.01 (-0.03, 0.02)	0.850	0.079	-0.010	0.025	0.706	-0.01 (-0.06, 0.04)	0.000	0.893	-0.029	0.023	0.211	-0.03 (-0.07, 0.02)	-0.024	0.025	0.328	-0.02 (-0.07, 0.02)
Q92834	RPGR	OID30959	192	-0.007	0.012	0.584	-0.01 (-0.03, 0.02)	0.850	0.641	0.001	0.023	0.950	1.48e-03 (-0.04, 0.05)	-0.001	0.687	-0.012	0.025	0.629	-0.01 (-0.06, 0.04)	-0.011	0.023	0.624	-0.01 (-0.06, 0.03)
Q10587	TEF	OID30103	192	-0.007	0.012	0.582	-0.01 (-0.03, 0.02)	0.850	0.117	-0.020	0.025	0.420	-0.02 (-0.07, 0.03)	0.001	0.529	0.012	0.021	0.550	0.01 (-0.03, 0.05)	0.012	0.023	0.620	0.01 (-0.03, 0.06)
Q8NG06	TRIM58	OID31429	192	-0.007	0.013	0.583	-0.01 (-0.03, 0.02)	0.850	0.001	-0.003	0.026	0.906	-3.08e-03 (-0.05, 0.05)	0.000	0.848	-0.022	0.024	0.360	-0.02 (-0.07, 0.02)	-0.014	0.023	0.556	-0.01 (-0.06, 0.03)
Q8NBS9	TXNDC5	OID21012	192	-0.007	0.013	0.584	-0.01 (-0.03, 0.02)	0.850	0.007	-0.028	0.025	0.275	-0.03 (-0.08, 0.02)	0.001	0.344	-0.007	0.023	0.773	-0.01 (-0.05, 0.04)	-0.031	0.023	0.181	-0.03 (-0.08, 0.01)
Q7Z6A9	BTLA	OID31237	192	0.007	0.012	0.589	0.01 (-0.02, 0.03)	0.851	0.789	0.001	0.024	0.951	1.46e-03 (-0.04, 0.05)	0.000	0.800	0.011	0.025	0.663	0.01 (-0.04, 0.06)	0.011	0.026	0.669	0.01 (-0.04, 0.06)
O75071	EFCAB14	OID31460	192	-0.008	0.015	0.589	-0.01 (-0.04, 0.02)	0.851	9.78E-08	-0.054	0.028	0.055	-0.05 (-0.11, 7.09e-04)	0.003	0.055	-0.040	0.019	0.038	-0.04 (-0.08, -2.25e-03)	-0.042	0.021	0.047	-0.04 (-0.08, -7.81e-04)
Q9UIM3	FKBPL	OID31499	192	0.008	0.014	0.588	0.01 (-0.02, 0.04)	0.851	1.77E-05	0.009	0.028	0.749	0.01 (-0.05, 0.06)	0.000	0.961	0.011	0.023	0.652	0.01 (-0.04, 0.06)	-0.008	0.024	0.755	-0.01 (-0.06, 0.04)
Q9ULW2	FZD10	OID30931	192	0.007	0.012	0.588	0.01 (-0.02, 0.03)	0.851	0.326	0.030	0.024	0.210	0.03 (-0.02, 0.08)	-0.001	0.252	0.008	0.025	0.748	0.01 (-0.04, 0.06)	0.011	0.023	0.628	0.01 (-0.03, 0.06)
P48165	GJA8	OID31187	192	0.007	0.012	0.587	0.01 (-0.02, 0.03)	0.851	0.964	-0.019	0.023	0.425	-0.02 (-0.06, 0.03)	0.002	0.209	-0.024	0.020	0.233	-0.02 (-0.06, 0.02)	-0.025	0.024	0.304	-0.03 (-0.07, 0.02)
P22749	GNLY	OID21132	192	0.007	0.013	0.587	0.01 (-0.02, 0.03)	0.851	1.08E-06	0.042	0.025	0.100	0.04 (-0.01, 0.09)	-0.002	0.111	0.029	0.019	0.123	0.03 (-0.01, 0.07)	0.013	0.021	0.518	0.01 (-0.03, 0.05)
Q15042	RAB3GAP1	OID30829	192	-0.007	0.012	0.589	-0.01 (-0.03, 0.02)	0.851	0.063	0.004	0.025	0.862	4.42e-03 (-0.05, 0.05)	-0.001	0.614	0.010	0.019	0.588	0.01 (-0.03, 0.05)	0.032	0.025	0.198	0.03 (-0.02, 0.08)
P0C7L1	SPINK8	OID30153	192	0.007	0.013	0.589	0.01 (-0.02, 0.03)	0.851	0.011	0.001	0.025	0.964	1.13e-03 (-0.05, 0.05)	0.000	0.785	-0.024	0.021	0.256	-0.02 (-0.07, 0.02)	-0.015	0.023	0.505	-0.02 (-0.06, 0.03)
Q15661	TPSAB1	OID20642	192	0.006	0.010	0.587	0.01 (-0.01, 0.03)	0.851	4.52E-09	0.019	0.020	0.341	0.02 (-0.02, 0.06)	-0.001	0.432	0.012	0.017	0.493	0.01 (-0.02, 0.04)	0.005	0.015	0.728	0.01 (-0.02, 0.03)
P15144	ANPEP	OID20350	192	0.014	0.027	0.593	0.01 (-0.04, 0.07)	0.852	2.09E-142	0.009	0.053	0.858	0.01 (-0.09, 0.11)	0.000	0.910	-0.005	0.019	0.804	-4.71e-03 (-0.04, 0.03)	0.001	0.022	0.969	8.51e-04 (-0.04, 0.04)
Q07817	BCL2L1	OID31152	192	-0.007	0.013	0.592	-0.01 (-0.03, 0.02)	0.852	0.016	-0.007	0.025	0.775	-0.01 (-0.06, 0.04)	0.000	0.990	0.000	0.024	0.987	-3.84e-04 (-0.05, 0.05)	-0.013	0.022	0.563	-0.01 (-0.06, 0.03)
Q99616	CCL13	OID20655	192	0.008	0.014	0.593	0.01 (-0.02, 0.04)	0.852	5.27E-07	0.015	0.027	0.579	0.02 (-0.04, 0.07)	0.000	0.744	-0.001	0.023	0.976	-6.81e-04 (-0.05, 0.04)	-0.004	0.022	0.870	-3.69e-03 (-0.05, 0.04)
O96017	CHEK2	OID20054	192	-0.007	0.012	0.590	-0.01 (-0.03, 0.02)	0.852	0.757	-0.039	0.023	0.094	-0.04 (-0.09, 0.01)	0.002	0.102	-0.014	0.025	0.571	-0.01 (-0.06, 0.03)	-0.008	0.024	0.721	-0.01 (-0.05, 0.04)
P50461	CSRP3	OID30176	192	0.006	0.012	0.592	0.01 (-0.02, 0.03)	0.852	0.185	-0.019	0.024	0.433	-0.02 (-0.07, 0.03)	0.002	0.221	-0.003	0.024	0.899	-3.09e-03 (-0.05, 0.04)	-0.008	0.024	0.735	-0.01 (-0.05, 0.04)
P23588	EIF4B	OID21000	192	-0.007	0.013	0.593	-0.01 (-0.03, 0.02)	0.852	0.011	0.001	0.025	0.964	1.15e-03 (-0.05, 0.05)	-0.001	0.709	0.012	0.022	0.599	0.01 (-0.03, 0.06)	-0.003	0.023	0.905	-2.75e-03 (-0.05, 0.04)
O75223	GGCT	OID30304	192	-0.007	0.013	0.594	-0.01 (-0.03, 0.02)	0.852	0.002	-0.004	0.026	0.885	-3.80e-03 (-0.06, 0.05)	0.000	0.880	-0.006	0.023	0.809	-0.01 (-0.05, 0.04)	-0.009	0.023	0.687	-0.01 (-0.05, 0.04)
P01242	GH2	OID21168	147	-0.007	0.014	0.593	-0.01 (-0.03, 0.02)	0.852	0.459	0.004	0.026	0.875	4.07e-03 (-0.05, 0.05)	-0.001	0.602	0.002	0.027	0.948	1.77e-03 (-0.05, 0.06)	0.009	0.025	0.710	0.01 (-0.04, 0.06)
P46013	MKI67	OID30455	192	-0.007	0.013	0.592	-0.01 (-0.03, 0.02)	0.852	0.048	-0.009	0.025	0.737	-0.01 (-0.06, 0.04)	0.000	0.944	-0.048	0.019	0.013	-0.05 (-0.09, -0.01)	-0.060	0.027	0.027	-0.06 (-0.11, -0.01)
Q8NFZ4	NLGN2	OID30878	192	-0.007	0.012	0.590	-0.01 (-0.03, 0.02)	0.852	0.870	-0.022	0.023	0.343	-0.02 (-0.07, 0.02)	0.001	0.434	-0.038	0.019	0.048	-0.04 (-0.08, -3.98e-04)	-0.073	0.028	0.011	-0.07 (-0.13, -0.02)
Q8TCT1	PHOSPHO1	OID20922	192	0.007	0.014	0.592	0.01 (-0.02, 0.03)	0.852	7.21E-06	-0.063	0.026	0.019	-0.06 (-0.11, -0.01)	0.004	0.002	-0.033	0.023	0.155	-0.03 (-0.08, 0.01)	-0.034	0.022	0.126	-0.03 (-0.08, 0.01)
Q96RF0	SNX18	OID31476	192	0.006	0.012	0.593	0.01 (-0.02, 0.03)	0.852	0.834	0.018	0.023	0.428	0.02 (-0.03, 0.06)	-0.001	0.546	0.003	0.025	0.911	2.81e-03 (-0.05, 0.05)	0.008	0.023	0.732	0.01 (-0.04, 0.05)
Q15714	TSC22D1	OID31016	192	0.007	0.014	0.593	0.01 (-0.02, 0.03)	0.852	4.71E-04	0.005	0.027	0.858	4.79e-03 (-0.05, 0.06)	0.000	0.911	0.003	0.025	0.895	3.23e-03 (-0.04, 0.05)	-0.009	0.025	0.707	-0.01 (-0.06, 0.04)
O95183	VAMP5	OID20071	192	0.008	0.014	0.591	0.01 (-0.02, 0.04)	0.852	2.61E-05	-0.002	0.028	0.932	-2.42e-03 (-0.06, 0.05)	0.001	0.673	-0.018	0.024	0.448	-0.02 (-0.07, 0.03)	-0.025	0.024	0.314	-0.02 (-0.07, 0.02)
Q01780	EXOSC10	OID30083	192	0.006	0.012	0.594	0.01 (-0.02, 0.03)	0.852	0.060	-0.045	0.025	0.075	-0.04 (-0.09, 4.28e-03)	0.003	0.018	-0.006	0.026	0.831	-0.01 (-0.06, 0.05)	-0.011	0.024	0.640	-0.01 (-0.06, 0.04)
P43632	KIR2DS4	OID31432	192	0.005	0.009	0.596	4.99e-03 (-0.01, 0.02)	0.854	3.30E-06	0.021	0.018	0.257	0.02 (-0.01, 0.06)	-0.001	0.315	0.008	0.016	0.635	0.01 (-0.02, 0.04)	0.024	0.015	0.123	0.02 (-0.01, 0.05)
Q92982	NINJ1	OID21167	192	0.007	0.014	0.595	0.01 (-0.02, 0.03)	0.854	0.002	0.034	0.026	0.204	0.03 (-0.02, 0.09)	-0.002	0.244	0.011	0.024	0.658	0.01 (-0.04, 0.06)	0.028	0.021	0.194	0.03 (-0.01, 0.07)
P21912	SDHB	OID31436	192	-0.007	0.014	0.596	-0.01 (-0.03, 0.02)	0.854	1.69E-04	-0.016	0.027	0.562	-0.02 (-0.07, 0.04)	0.001	0.719	-0.011	0.025	0.661	-0.01 (-0.06, 0.04)	-0.012	0.023	0.619	-0.01 (-0.06, 0.03)
Q96B86	RGMA	OID21065	192	-0.009	0.016	0.597	-0.01 (-0.04, 0.02)	0.854	1.25E-17	0.015	0.031	0.631	0.02 (-0.05, 0.08)	-0.001	0.380	0.001	0.022	0.976	6.85e-04 (-0.04, 0.04)	-0.009	0.022	0.691	-0.01 (-0.05, 0.03)
Q02750	MAP2K1	OID31468	192	-0.007	0.014	0.597	-0.01 (-0.03, 0.02)	0.855	0.001	-0.008	0.026	0.754	-0.01 (-0.06, 0.04)	0.000	0.961	-0.005	0.022	0.818	-0.01 (-0.05, 0.04)	-0.020	0.023	0.377	-0.02 (-0.07, 0.02)
P53582	METAP1	OID20815	192	0.006	0.012	0.598	0.01 (-0.02, 0.03)	0.855	0.687	0.036	0.023	0.128	0.04 (-0.01, 0.08)	-0.002	0.144	0.020	0.026	0.431	0.02 (-0.03, 0.07)	0.013	0.026	0.626	0.01 (-0.04, 0.06)
P54296	MYOM2	OID30131	192	0.006	0.012	0.598	0.01 (-0.02, 0.03)	0.855	0.485	-0.054	0.023	0.019	-0.05 (-0.10, -0.01)	0.004	0.002	-0.010	0.020	0.616	-0.01 (-0.05, 0.03)	-0.051	0.025	0.041	-0.05 (-0.10, -2.42e-03)
Q96F46	IL17RA	OID21089	192	0.004	0.009	0.599	4.47e-03 (-0.01, 0.02)	0.856	0.224	0.005	0.017	0.758	0.01 (-0.03, 0.04)	0.000	0.956	0.002	0.017	0.919	1.76e-03 (-0.03, 0.04)	-0.007	0.018	0.706	-0.01 (-0.04, 0.03)
P16442	ABO	OID30675	192	0.043	0.081	0.599	0.04 (-0.12, 0.20)	0.856	0.00E+00	0.006	0.157	0.971	0.01 (-0.30, 0.31)	0.002	0.783	-0.018	0.015	0.236	-0.02 (-0.05, 0.01)	-0.029	0.021	0.165	-0.03 (-0.07, 0.01)
P55259	GP2	OID20090	192	0.029	0.055	0.600	0.03 (-0.08, 0.14)	0.856	0.00E+00	0.059	0.107	0.584	0.06 (-0.15, 0.27)	-0.002	0.746	-0.017	0.023	0.460	-0.02 (-0.06, 0.03)	-0.011	0.022	0.621	-0.01 (-0.06, 0.03)
Q99549	MPHOSPH8	OID20092	192	0.007	0.013	0.600	0.01 (-0.02, 0.03)	0.856	0.009	0.007	0.026	0.774	0.01 (-0.04, 0.06)	0.000	0.983	0.005	0.024	0.831	0.01 (-0.04, 0.05)	-0.007	0.025	0.764	-0.01 (-0.06, 0.04)
Q13445	TMED1	OID31278	192	0.006	0.012	0.602	0.01 (-0.02, 0.03)	0.859	0.762	-0.015	0.023	0.530	-0.01 (-0.06, 0.03)	0.001	0.296	-0.022	0.020	0.280	-0.02 (-0.06, 0.02)	-0.013	0.021	0.535	-0.01 (-0.05, 0.03)
Q96NZ8	WFIKKN1	OID20939	192	0.008	0.015	0.603	0.01 (-0.02, 0.04)	0.859	2.78E-10	0.021	0.028	0.456	0.02 (-0.03, 0.08)	-0.001	0.577	0.043	0.022	0.048	0.04 (3.85e-04, 0.09)	0.047	0.023	0.042	0.05 (2.13e-03, 0.09)
Q12899	TRIM26	OID31207	192	0.006	0.012	0.603	0.01 (-0.02, 0.03)	0.859	0.280	-0.018	0.024	0.454	-0.02 (-0.07, 0.03)	0.002	0.239	-0.012	0.022	0.587	-0.01 (-0.05, 0.03)	-0.004	0.023	0.851	-4.38e-03 (-0.05, 0.04)
Q96AT9	RPE	OID31324	192	0.007	0.014	0.604	0.01 (-0.02, 0.03)	0.860	0.001	0.023	0.027	0.383	0.02 (-0.03, 0.08)	-0.001	0.479	0.014	0.024	0.553	0.01 (-0.03, 0.06)	0.007	0.023	0.759	0.01 (-0.04, 0.05)
Q5SXM8	DNLZ	OID30822	192	-0.007	0.013	0.605	-0.01 (-0.03, 0.02)	0.860	0.043	-0.013	0.026	0.598	-0.01 (-0.06, 0.04)	0.000	0.760	-0.006	0.025	0.808	-0.01 (-0.06, 0.04)	-0.006	0.025	0.793	-0.01 (-0.05, 0.04)
Q9BX67	JAM3	OID30586	192	-0.008	0.015	0.605	-0.01 (-0.04, 0.02)	0.860	1.07E-06	-0.018	0.028	0.522	-0.02 (-0.07, 0.04)	0.001	0.662	0.002	0.024	0.922	2.40e-03 (-0.05, 0.05)	-0.011	0.025	0.654	-0.01 (-0.06, 0.04)
O43715	TRIAP1	OID21403	192	0.007	0.014	0.605	0.01 (-0.02, 0.03)	0.860	3.08E-04	-0.006	0.027	0.818	-0.01 (-0.06, 0.05)	0.001	0.562	-0.002	0.024	0.927	-2.00e-03 (-0.04, 0.04)	-0.011	0.023	0.643	-0.01 (-0.06, 0.03)
Q92851	CASP10	OID20893	192	0.007	0.013	0.607	0.01 (-0.02, 0.03)	0.861	0.011	0.033	0.026	0.193	0.03 (-0.02, 0.08)	-0.002	0.226	0.036	0.023	0.113	0.04 (-0.01, 0.08)	0.040	0.026	0.125	0.04 (-0.01, 0.09)
P55210	CASP7	OID31135	192	-0.007	0.013	0.607	-0.01 (-0.03, 0.02)	0.861	0.012	-0.001	0.025	0.969	-9.83e-04 (-0.05, 0.05)	0.000	0.792	-0.003	0.025	0.896	-3.20e-03 (-0.05, 0.04)	-0.014	0.024	0.571	-0.01 (-0.06, 0.03)
Q96CN9	GCC1	OID31147	192	-0.007	0.014	0.606	-0.01 (-0.03, 0.02)	0.861	0.001	-0.018	0.027	0.508	-0.02 (-0.07, 0.03)	0.001	0.644	-0.010	0.024	0.687	-0.01 (-0.06, 0.04)	-0.020	0.023	0.393	-0.02 (-0.06, 0.03)
P52789	HK2	OID20065	192	-0.006	0.012	0.607	-0.01 (-0.03, 0.02)	0.861	0.492	-0.027	0.023	0.243	-0.03 (-0.07, 0.02)	0.001	0.292	0.001	0.026	0.976	7.88e-04 (-0.05, 0.05)	-0.008	0.026	0.762	-0.01 (-0.06, 0.04)
Q03111	MLLT1	OID31211	192	-0.006	0.012	0.606	-0.01 (-0.03, 0.02)	0.861	0.107	-0.014	0.025	0.586	-0.01 (-0.06, 0.04)	0.000	0.731	0.002	0.025	0.933	2.08e-03 (-0.05, 0.05)	0.004	0.026	0.890	3.58e-03 (-0.05, 0.05)
P21246	PTN	OID20083	192	-0.007	0.015	0.608	-0.01 (-0.04, 0.02)	0.861	1.07E-08	-0.035	0.028	0.219	-0.03 (-0.09, 0.02)	0.002	0.260	-0.033	0.020	0.100	-0.03 (-0.07, 0.01)	-0.023	0.023	0.316	-0.02 (-0.07, 0.02)
P52788	SMS	OID30853	192	-0.007	0.014	0.607	-0.01 (-0.03, 0.02)	0.861	0.002	-0.002	0.027	0.947	-1.77e-03 (-0.05, 0.05)	0.000	0.817	0.011	0.023	0.643	0.01 (-0.03, 0.06)	0.002	0.022	0.943	1.58e-03 (-0.04, 0.04)
Q15697	ZNF174	OID30508	192	-0.006	0.012	0.607	-0.01 (-0.03, 0.02)	0.861	0.822	-0.005	0.023	0.830	-0.01 (-0.05, 0.04)	0.000	0.953	-0.038	0.023	0.092	-0.04 (-0.08, 0.01)	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)
P07311	ACYP1	OID30642	192	0.006	0.011	0.608	0.01 (-0.02, 0.03)	0.861	0.167	0.004	0.023	0.873	3.75e-03 (-0.04, 0.05)	0.000	0.915	0.007	0.023	0.748	0.01 (-0.04, 0.05)	-0.011	0.023	0.644	-0.01 (-0.06, 0.03)
Q12774	ARHGEF5	OID30871	185	-0.007	0.013	0.610	-0.01 (-0.03, 0.02)	0.861	0.004	0.005	0.026	0.847	4.93e-03 (-0.05, 0.05)	-0.001	0.595	0.009	0.023	0.716	0.01 (-0.04, 0.05)	-0.005	0.023	0.832	-4.97e-03 (-0.05, 0.04)
O00327	ARNTL	OID30168	192	-0.007	0.013	0.609	-0.01 (-0.03, 0.02)	0.861	0.044	-0.042	0.025	0.098	-0.04 (-0.09, 0.01)	0.002	0.105	-0.031	0.025	0.215	-0.03 (-0.08, 0.02)	-0.022	0.026	0.400	-0.02 (-0.07, 0.03)
Q16740	CLPP	OID20910	192	0.007	0.013	0.609	0.01 (-0.02, 0.03)	0.861	0.028	0.014	0.025	0.580	0.01 (-0.04, 0.06)	0.000	0.734	0.008	0.023	0.733	0.01 (-0.04, 0.06)	0.007	0.023	0.781	0.01 (-0.04, 0.05)
P13224	GP1BB	OID30174	192	-0.012	0.024	0.609	-0.01 (-0.06, 0.03)	0.861	4.29E-69	-0.031	0.046	0.501	-0.03 (-0.12, 0.06)	0.001	0.632	-0.001	0.023	0.957	-1.26e-03 (-0.05, 0.04)	-0.017	0.025	0.504	-0.02 (-0.07, 0.03)
Q9ULC4	MCTS1	OID31444	192	0.007	0.013	0.610	0.01 (-0.02, 0.03)	0.861	0.010	-0.012	0.026	0.652	-0.01 (-0.06, 0.04)	0.001	0.405	-0.008	0.024	0.740	-0.01 (-0.06, 0.04)	-0.009	0.023	0.702	-0.01 (-0.05, 0.04)
Q6P9F5	TRIM40	OID30885	192	0.006	0.012	0.610	0.01 (-0.02, 0.03)	0.861	0.070	-0.006	0.025	0.815	-0.01 (-0.05, 0.04)	0.001	0.576	0.000	0.024	0.996	1.16e-04 (-0.05, 0.05)	-0.005	0.023	0.816	-0.01 (-0.05, 0.04)
P07478	PRSS2	OID20364	192	-0.012	0.024	0.610	-0.01 (-0.06, 0.04)	0.861	6.31E-84	0.038	0.047	0.422	0.04 (-0.05, 0.13)	-0.003	0.214	0.012	0.024	0.622	0.01 (-0.04, 0.06)	0.017	0.024	0.484	0.02 (-0.03, 0.06)
Q5QGZ9	CLEC12A	OID30552	192	0.006	0.012	0.611	0.01 (-0.02, 0.03)	0.861	0.801	-0.024	0.022	0.278	-0.02 (-0.07, 0.02)	0.002	0.117	-0.015	0.023	0.528	-0.01 (-0.06, 0.03)	-0.018	0.022	0.413	-0.02 (-0.06, 0.03)
P14555	PLA2G2A	OID20274	192	-0.006	0.013	0.611	-0.01 (-0.03, 0.02)	0.861	7.32E-06	-0.031	0.025	0.204	-0.03 (-0.08, 0.02)	0.002	0.238	-0.011	0.022	0.614	-0.01 (-0.05, 0.03)	-0.021	0.021	0.323	-0.02 (-0.06, 0.02)
P10599	TXN	OID30670	192	-0.006	0.013	0.611	-0.01 (-0.03, 0.02)	0.861	0.034	0.011	0.025	0.670	0.01 (-0.04, 0.06)	-0.001	0.422	0.005	0.025	0.828	0.01 (-0.04, 0.05)	-0.005	0.025	0.857	-4.50e-03 (-0.05, 0.04)
Q9Y5S2	CDC42BPB	OID31485	192	-0.007	0.013	0.612	-0.01 (-0.03, 0.02)	0.861	0.001	-0.014	0.026	0.601	-0.01 (-0.06, 0.04)	0.000	0.760	-0.015	0.024	0.520	-0.02 (-0.06, 0.03)	-0.020	0.025	0.430	-0.02 (-0.07, 0.03)
Q04756	HGFAC	OID30718	192	0.007	0.013	0.613	0.01 (-0.02, 0.03)	0.863	1.04E-07	0.003	0.026	0.914	2.81e-03 (-0.05, 0.05)	0.000	0.859	-0.001	0.023	0.973	-7.87e-04 (-0.05, 0.04)	-0.003	0.022	0.904	-2.62e-03 (-0.05, 0.04)
P55000	SLURP1	OID30404	192	-0.006	0.013	0.613	-0.01 (-0.03, 0.02)	0.863	0.005	-0.017	0.026	0.496	-0.02 (-0.07, 0.03)	0.001	0.623	-0.028	0.023	0.226	-0.03 (-0.07, 0.02)	-0.022	0.025	0.398	-0.02 (-0.07, 0.03)
Q5JTD0	TJAP1	OID21477	192	-0.007	0.013	0.613	-0.01 (-0.03, 0.02)	0.863	0.001	-0.006	0.026	0.807	-0.01 (-0.06, 0.04)	0.000	0.985	0.008	0.023	0.736	0.01 (-0.04, 0.05)	-0.008	0.022	0.722	-0.01 (-0.05, 0.04)
Q9NZT2	OGFR	OID21360	192	-0.007	0.015	0.614	-0.01 (-0.04, 0.02)	0.863	3.68E-08	-0.050	0.028	0.080	-0.05 (-0.11, 0.01)	0.003	0.082	-0.030	0.024	0.212	-0.03 (-0.08, 0.02)	-0.037	0.025	0.139	-0.04 (-0.09, 0.01)
O43739	CYTH3	OID31208	192	-0.006	0.012	0.614	-0.01 (-0.03, 0.02)	0.863	0.153	-0.019	0.025	0.450	-0.02 (-0.07, 0.03)	0.001	0.552	-0.017	0.020	0.409	-0.02 (-0.06, 0.02)	-0.012	0.027	0.654	-0.01 (-0.06, 0.04)
Q9H0R8	GABARAPL1	OID31253	192	0.007	0.013	0.615	0.01 (-0.02, 0.03)	0.864	0.034	0.040	0.025	0.117	0.04 (-0.01, 0.09)	-0.002	0.127	0.010	0.026	0.689	0.01 (-0.04, 0.06)	0.014	0.025	0.564	0.01 (-0.03, 0.06)
P16581	SELE	OID20290	192	0.028	0.056	0.616	0.03 (-0.08, 0.14)	0.864	0.00E+00	0.007	0.109	0.949	0.01 (-0.21, 0.22)	0.001	0.820	0.017	0.016	0.300	0.02 (-0.02, 0.05)	0.016	0.023	0.482	0.02 (-0.03, 0.06)
Q07812	BAX	OID20856	192	-0.007	0.014	0.617	-0.01 (-0.03, 0.02)	0.865	0.002	0.012	0.027	0.656	0.01 (-0.04, 0.06)	-0.001	0.412	0.004	0.020	0.840	4.04e-03 (-0.04, 0.04)	0.010	0.025	0.689	0.01 (-0.04, 0.06)
P08519	LPA	OID30747	192	-0.005	0.009	0.617	-4.72e-03 (-0.02, 0.01	0.865	0.614	0.000	0.018	0.980	4.62e-04 (-0.04, 0.04)	0.000	0.740	0.001	0.018	0.953	1.10e-03 (-0.04, 0.04)	-0.005	0.019	0.783	-0.01 (-0.04, 0.03)
P61812	TGFB2	OID31417	192	-0.006	0.012	0.617	-0.01 (-0.03, 0.02)	0.865	0.077	0.007	0.025	0.766	0.01 (-0.04, 0.06)	-0.001	0.530	-0.002	0.025	0.943	-1.81e-03 (-0.05, 0.05)	0.011	0.024	0.659	0.01 (-0.04, 0.06)
P16035	TIMP2	OID30318	192	0.007	0.013	0.617	0.01 (-0.02, 0.03)	0.865	0.018	-0.007	0.025	0.783	-0.01 (-0.06, 0.04)	0.001	0.534	-0.018	0.022	0.395	-0.02 (-0.06, 0.02)	-0.024	0.025	0.351	-0.02 (-0.07, 0.03)
P53674	CRYBB1	OID30319	192	-0.006	0.013	0.619	-0.01 (-0.03, 0.02)	0.865	0.016	-0.017	0.025	0.498	-0.02 (-0.07, 0.03)	0.001	0.623	-0.018	0.024	0.461	-0.02 (-0.07, 0.03)	-0.023	0.023	0.317	-0.02 (-0.07, 0.02)
Q6ZUT3	FRMD7	OID30898	192	-0.006	0.012	0.618	-0.01 (-0.03, 0.02)	0.865	0.766	-0.006	0.023	0.792	-0.01 (-0.05, 0.04)	0.000	0.994	0.005	0.024	0.829	0.01 (-0.04, 0.05)	0.016	0.025	0.520	0.02 (-0.03, 0.06)
P53990	IST1	OID31497	192	-0.007	0.013	0.618	-0.01 (-0.03, 0.02)	0.865	0.003	-0.006	0.026	0.809	-0.01 (-0.06, 0.05)	0.000	0.986	-0.002	0.024	0.924	-2.25e-03 (-0.05, 0.04)	-0.016	0.023	0.475	-0.02 (-0.06, 0.03)
P18031	PTPN1	OID20908	192	-0.007	0.013	0.619	-0.01 (-0.03, 0.02)	0.865	0.002	0.000	0.026	0.991	3.08e-04 (-0.05, 0.05)	0.000	0.755	0.001	0.025	0.973	8.29e-04 (-0.05, 0.05)	-0.007	0.025	0.776	-0.01 (-0.06, 0.04)
Q6UY14	ADAMTSL4	OID30275	192	0.007	0.014	0.621	0.01 (-0.02, 0.03)	0.867	2.95E-05	0.006	0.027	0.838	0.01 (-0.05, 0.06)	0.000	0.953	0.014	0.023	0.544	0.01 (-0.03, 0.06)	0.025	0.022	0.258	0.02 (-0.02, 0.07)
P10415	BCL2	OID31454	192	0.007	0.013	0.621	0.01 (-0.02, 0.03)	0.867	0.003	-0.034	0.026	0.189	-0.03 (-0.08, 0.02)	0.003	0.068	-0.010	0.024	0.686	-0.01 (-0.06, 0.04)	-0.015	0.025	0.550	-0.01 (-0.06, 0.03)
O43736	ITM2A	OID20504	192	0.006	0.013	0.620	0.01 (-0.02, 0.03)	0.867	0.019	0.012	0.025	0.636	0.01 (-0.04, 0.06)	0.000	0.799	-0.021	0.022	0.344	-0.02 (-0.07, 0.02)	-0.022	0.025	0.367	-0.02 (-0.07, 0.03)
Q13137	CALCOCO2	OID30249	192	-0.007	0.014	0.622	-0.01 (-0.04, 0.02)	0.868	2.75E-06	-0.016	0.028	0.577	-0.02 (-0.07, 0.04)	0.001	0.722	-0.019	0.025	0.448	-0.02 (-0.07, 0.03)	-0.024	0.023	0.306	-0.02 (-0.07, 0.02)
Q9UIB8	CD84	OID20607	192	-0.007	0.015	0.623	-0.01 (-0.04, 0.02)	0.868	1.51E-08	-0.006	0.029	0.826	-0.01 (-0.06, 0.05)	0.000	0.969	-0.008	0.024	0.741	-0.01 (-0.06, 0.04)	-0.030	0.023	0.190	-0.03 (-0.08, 0.01)
P55273	CDKN2D	OID21295	192	-0.006	0.013	0.623	-0.01 (-0.03, 0.02)	0.868	0.023	-0.006	0.025	0.805	-0.01 (-0.06, 0.04)	0.000	0.995	-0.009	0.024	0.690	-0.01 (-0.06, 0.04)	-0.013	0.023	0.580	-0.01 (-0.06, 0.03)
Q9H2X3	CLEC4M	OID30405	192	0.036	0.073	0.623	0.04 (-0.11, 0.18)	0.868	0.00E+00	0.001	0.141	0.996	6.33e-04 (-0.28, 0.28)	0.002	0.771	-0.041	0.019	0.031	-0.04 (-0.08, -3.66e-03)	-0.043	0.021	0.046	-0.04 (-0.08, -1.05e-03)
O75791	GRAP2	OID20192	192	-0.006	0.012	0.623	-0.01 (-0.03, 0.02)	0.868	0.060	-0.004	0.025	0.858	-4.40e-03 (-0.05, 0.04)	0.000	0.948	-0.003	0.022	0.879	-3.28e-03 (-0.05, 0.04)	-0.015	0.024	0.545	-0.01 (-0.06, 0.03)
P05455	SSB	OID20818	192	-0.006	0.012	0.623	-0.01 (-0.03, 0.02)	0.868	0.692	0.005	0.023	0.834	4.93e-03 (-0.04, 0.05)	-0.001	0.589	0.006	0.025	0.816	0.01 (-0.04, 0.05)	0.004	0.025	0.868	4.16e-03 (-0.04, 0.05)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
P08397	HMBS	OID21385	192	0.006	0.011	0.624	0.01 (-0.02, 0.03)	0.868	0.138	0.020	0.023	0.379	0.02 (-0.02, 0.07)	-0.001	0.455	0.029	0.022	0.187	0.03 (-0.01, 0.07)	0.024	0.022	0.275	0.02 (-0.02, 0.07)
O75348	ATP6V1G1	OID30242	192	0.007	0.014	0.626	0.01 (-0.02, 0.03)	0.869	0.001	-0.024	0.027	0.368	-0.02 (-0.08, 0.03)	0.002	0.179	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	-0.022	0.024	0.370	-0.02 (-0.07, 0.03)
Q07021	C1QBP	OID31007	192	-0.006	0.013	0.626	-0.01 (-0.03, 0.02)	0.869	0.017	0.001	0.026	0.954	1.47e-03 (-0.05, 0.05)	0.000	0.719	0.018	0.022	0.428	0.02 (-0.03, 0.06)	0.004	0.024	0.870	3.95e-03 (-0.04, 0.05)
Q9BXJ0	C1QTNF5	OID30618	192	0.007	0.014	0.625	0.01 (-0.02, 0.03)	0.869	2.64E-06	-0.041	0.027	0.140	-0.04 (-0.09, 0.01)	0.003	0.044	-0.024	0.023	0.297	-0.02 (-0.07, 0.02)	-0.016	0.022	0.467	-0.02 (-0.06, 0.03)
Q15762	CD226	OID30556	192	-0.007	0.015	0.625	-0.01 (-0.04, 0.02)	0.869	5.22E-08	0.001	0.029	0.979	7.65e-04 (-0.06, 0.06)	-0.001	0.746	-0.004	0.024	0.874	-3.84e-03 (-0.05, 0.04)	-0.011	0.022	0.604	-0.01 (-0.05, 0.03)
Q16773	KYAT1	OID20232	192	-0.007	0.013	0.626	-0.01 (-0.03, 0.02)	0.869	0.003	-0.027	0.026	0.305	-0.03 (-0.08, 0.02)	0.001	0.365	-0.005	0.025	0.839	-5.00e-03 (-0.05, 0.04)	-0.016	0.022	0.475	-0.02 (-0.06, 0.03)
P41271	NBL1	OID21486	192	0.006	0.013	0.626	0.01 (-0.02, 0.03)	0.869	0.001	-0.025	0.026	0.328	-0.03 (-0.08, 0.03)	0.002	0.152	-0.025	0.021	0.234	-0.02 (-0.07, 0.02)	-0.030	0.023	0.195	-0.03 (-0.08, 0.02)
P20155	SPINK2	OID30627	192	-0.006	0.012	0.625	-0.01 (-0.03, 0.02)	0.869	1.82E-08	-0.022	0.024	0.356	-0.02 (-0.07, 0.02)	0.001	0.433	-0.019	0.020	0.360	-0.02 (-0.06, 0.02)	-0.013	0.018	0.480	-0.01 (-0.05, 0.02)
P08913	ADRA2A	OID30067	192	0.006	0.012	0.627	0.01 (-0.02, 0.03)	0.869	0.431	0.006	0.024	0.808	0.01 (-0.04, 0.05)	0.000	0.996	-0.012	0.024	0.624	-0.01 (-0.06, 0.03)	-0.006	0.025	0.801	-0.01 (-0.06, 0.04)
O43423	ANP32C	OID30203	192	0.006	0.012	0.628	0.01 (-0.02, 0.03)	0.869	0.148	0.019	0.025	0.451	0.02 (-0.03, 0.07)	-0.001	0.546	0.012	0.025	0.631	0.01 (-0.04, 0.06)	0.005	0.025	0.845	4.92e-03 (-0.04, 0.05)
Q13938	CAPS	OID31126	192	0.010	0.021	0.629	0.01 (-0.03, 0.05)	0.869	3.82E-51	0.023	0.040	0.572	0.02 (-0.06, 0.10)	-0.001	0.711	-0.029	0.023	0.213	-0.03 (-0.07, 0.02)	-0.015	0.023	0.507	-0.02 (-0.06, 0.03)
Q9BSW2	CRACR2A	OID21249	192	-0.007	0.014	0.629	-0.01 (-0.03, 0.02)	0.869	2.16E-04	-0.020	0.027	0.457	-0.02 (-0.07, 0.03)	0.001	0.563	-0.026	0.024	0.278	-0.03 (-0.07, 0.02)	-0.029	0.025	0.234	-0.03 (-0.08, 0.02)
Q92817	EVPL	OID31309	192	0.006	0.012	0.628	0.01 (-0.02, 0.03)	0.869	0.737	0.025	0.023	0.284	0.03 (-0.02, 0.07)	-0.001	0.337	-0.011	0.022	0.617	-0.01 (-0.05, 0.03)	0.010	0.024	0.668	0.01 (-0.04, 0.06)
Q6UWW0	LCN15	OID31032	192	0.007	0.014	0.628	0.01 (-0.02, 0.03)	0.869	9.15E-09	0.029	0.027	0.287	0.03 (-0.02, 0.08)	-0.001	0.341	0.038	0.023	0.104	0.04 (-0.01, 0.08)	0.054	0.024	0.024	0.05 (0.01, 0.10)
P56470	LGALS4	OID20748	192	0.026	0.053	0.628	0.03 (-0.08, 0.13)	0.869	0.00E+00	0.029	0.103	0.782	0.03 (-0.17, 0.23)	0.000	0.974	0.054	0.020	0.007	0.05 (0.01, 0.09)	0.043	0.021	0.043	0.04 (1.64e-03, 0.08)
Q9NV35	NUDT15	OID30102	192	-0.006	0.012	0.629	-0.01 (-0.03, 0.02)	0.869	0.112	-0.029	0.025	0.242	-0.03 (-0.08, 0.02)	0.001	0.275	-0.020	0.025	0.415	-0.02 (-0.07, 0.03)	-0.026	0.024	0.268	-0.03 (-0.07, 0.02)
P01210	PENK	OID30666	192	-0.011	0.023	0.628	-0.01 (-0.06, 0.03)	0.869	8.26E-79	-0.014	0.046	0.763	-0.01 (-0.10, 0.08)	0.000	0.951	-0.041	0.022	0.063	-0.04 (-0.08, 2.24e-03)	-0.035	0.025	0.162	-0.03 (-0.08, 0.01)
P00568	AK1	OID20122	192	-0.005	0.011	0.631	-0.01 (-0.03, 0.02)	0.870	0.515	-0.011	0.022	0.627	-0.01 (-0.05, 0.03)	0.000	0.781	0.006	0.023	0.812	0.01 (-0.04, 0.05)	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)
Q02952	AKAP12	OID30571	192	-0.006	0.013	0.636	-0.01 (-0.03, 0.02)	0.870	0.025	-0.011	0.026	0.657	-0.01 (-0.06, 0.04)	0.000	0.814	0.010	0.023	0.661	0.01 (-0.03, 0.05)	0.001	0.024	0.976	7.35e-04 (-0.05, 0.05)
P23435	CBLN1	OID30851	192	0.006	0.012	0.633	0.01 (-0.02, 0.03)	0.870	0.255	-0.001	0.024	0.965	-1.05e-03 (-0.05, 0.05)	0.000	0.743	-0.012	0.025	0.623	-0.01 (-0.06, 0.04)	0.004	0.027	0.893	3.65e-03 (-0.05, 0.06)
Q8TDQ1	CD300LF	OID21469	192	0.005	0.010	0.635	4.60e-03 (-0.01, 0.02)	0.870	1.32E-04	-0.028	0.019	0.130	-0.03 (-0.06, 0.01)	0.002	0.040	-0.010	0.016	0.537	-0.01 (-0.04, 0.02)	-0.006	0.016	0.722	-0.01 (-0.04, 0.03)
P38936	CDKN1A	OID21319	192	0.007	0.014	0.633	0.01 (-0.02, 0.03)	0.870	3.65E-05	0.000	0.027	0.994	-1.92e-04 (-0.05, 0.05)	0.000	0.768	0.001	0.025	0.977	7.34e-04 (-0.05, 0.05)	-0.009	0.024	0.718	-0.01 (-0.06, 0.04)
Q9P2M7	CGN	OID30894	192	-0.006	0.012	0.633	-0.01 (-0.03, 0.02)	0.870	0.153	-0.004	0.025	0.870	-4.04e-03 (-0.05, 0.04)	0.000	0.935	-0.005	0.025	0.825	-0.01 (-0.05, 0.04)	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)
Q8WUX2	CHAC2	OID21230	192	-0.006	0.013	0.636	-0.01 (-0.03, 0.02)	0.870	0.005	0.013	0.026	0.620	0.01 (-0.04, 0.06)	-0.001	0.388	0.001	0.025	0.963	1.18e-03 (-0.05, 0.05)	-0.004	0.024	0.850	-4.50e-03 (-0.05, 0.04)
O94830	DDHD2	OID31043	192	-0.006	0.013	0.632	-0.01 (-0.03, 0.02)	0.870	0.002	-0.017	0.026	0.516	-0.02 (-0.07, 0.03)	0.001	0.638	-0.015	0.024	0.536	-0.01 (-0.06, 0.03)	-0.016	0.023	0.478	-0.02 (-0.06, 0.03)
O94992	HEXIM1	OID20589	192	-0.006	0.014	0.635	-0.01 (-0.03, 0.02)	0.870	2.30E-04	-0.004	0.027	0.870	-4.34e-03 (-0.06, 0.05)	0.000	0.925	0.004	0.023	0.866	3.84e-03 (-0.04, 0.05)	-0.015	0.023	0.507	-0.02 (-0.06, 0.03)
Q8N6P7	IL22RA1	OID20449	192	0.006	0.013	0.635	0.01 (-0.02, 0.03)	0.870	0.010	0.019	0.026	0.450	0.02 (-0.03, 0.07)	-0.001	0.550	0.007	0.025	0.787	0.01 (-0.04, 0.06)	0.016	0.023	0.478	0.02 (-0.03, 0.06)
P30533	LRPAP1	OID21059	192	0.006	0.013	0.636	0.01 (-0.02, 0.03)	0.870	1.19E-10	-0.023	0.026	0.379	-0.02 (-0.07, 0.03)	0.002	0.189	-0.017	0.021	0.407	-0.02 (-0.06, 0.02)	-0.023	0.020	0.237	-0.02 (-0.06, 0.02)
P43357	MAGEA3	OID31331	192	0.006	0.012	0.636	0.01 (-0.02, 0.03)	0.870	0.687	-0.004	0.023	0.859	-4.15e-03 (-0.05, 0.04)	0.001	0.623	0.014	0.024	0.574	0.01 (-0.03, 0.06)	0.011	0.024	0.648	0.01 (-0.04, 0.06)
Q9BV79	MECR	OID30274	192	-0.007	0.014	0.631	-0.01 (-0.03, 0.02)	0.870	1.14E-04	-0.026	0.028	0.342	-0.03 (-0.08, 0.03)	0.001	0.412	-0.039	0.024	0.098	-0.04 (-0.09, 0.01)	-0.039	0.023	0.094	-0.04 (-0.08, 0.01)
Q9H2K0	MTIF3	OID31513	192	-0.007	0.014	0.631	-0.01 (-0.03, 0.02)	0.870	0.001	-0.016	0.027	0.543	-0.02 (-0.07, 0.04)	0.001	0.673	-0.008	0.025	0.746	-0.01 (-0.06, 0.04)	-0.010	0.024	0.683	-0.01 (-0.06, 0.04)
O43776	NARS1	OID31035	192	0.007	0.014	0.633	0.01 (-0.02, 0.03)	0.870	9.80E-05	0.005	0.027	0.840	0.01 (-0.05, 0.06)	0.000	0.959	-0.008	0.024	0.726	-0.01 (-0.05, 0.04)	-0.005	0.022	0.812	-0.01 (-0.05, 0.04)
P16066	NPR1	OID30116	192	0.006	0.012	0.633	0.01 (-0.02, 0.03)	0.870	0.288	0.001	0.024	0.972	8.46e-04 (-0.05, 0.05)	0.000	0.811	-0.008	0.024	0.745	-0.01 (-0.05, 0.04)	0.004	0.024	0.851	4.45e-03 (-0.04, 0.05)
Q9Y266	NUDC	OID20623	192	-0.006	0.013	0.632	-0.01 (-0.03, 0.02)	0.870	0.050	-0.014	0.025	0.573	-0.01 (-0.06, 0.03)	0.000	0.711	-0.013	0.025	0.597	-0.01 (-0.06, 0.04)	-0.020	0.023	0.387	-0.02 (-0.07, 0.03)
Q9Y3L3	SH3BP1	OID31439	192	0.006	0.014	0.636	0.01 (-0.02, 0.03)	0.870	0.001	-0.014	0.026	0.597	-0.01 (-0.07, 0.04)	0.001	0.367	-0.020	0.021	0.350	-0.02 (-0.06, 0.02)	-0.009	0.023	0.681	-0.01 (-0.05, 0.04)
P61266	STX1B	OID30934	192	-0.006	0.013	0.632	-0.01 (-0.03, 0.02)	0.870	0.042	-0.017	0.025	0.495	-0.02 (-0.07, 0.03)	0.001	0.611	-0.011	0.025	0.669	-0.01 (-0.06, 0.04)	-0.016	0.022	0.448	-0.02 (-0.06, 0.03)
Q92844	TANK	OID20474	192	0.006	0.013	0.634	0.01 (-0.02, 0.03)	0.870	0.008	0.008	0.026	0.763	0.01 (-0.04, 0.06)	0.000	0.947	0.012	0.024	0.604	0.01 (-0.03, 0.06)	0.001	0.023	0.977	6.72e-04 (-0.04, 0.05)
Q9NRR2	TPSG1	OID30424	192	-0.006	0.012	0.633	-0.01 (-0.03, 0.02)	0.870	0.249	0.017	0.024	0.483	0.02 (-0.03, 0.06)	-0.001	0.273	0.012	0.021	0.571	0.01 (-0.03, 0.05)	0.017	0.026	0.508	0.02 (-0.03, 0.07)
Q99584	S100A13	OID30529	192	0.006	0.013	0.637	0.01 (-0.02, 0.03)	0.871	0.009	-0.026	0.025	0.287	-0.03 (-0.07, 0.02)	0.002	0.127	0.006	0.023	0.808	0.01 (-0.04, 0.05)	-0.004	0.024	0.883	-3.51e-03 (-0.05, 0.04)
O75718	CRTAP	OID30902	192	0.006	0.012	0.638	0.01 (-0.02, 0.03)	0.871	0.095	-0.013	0.025	0.604	-0.01 (-0.06, 0.04)	0.001	0.384	0.007	0.026	0.791	0.01 (-0.04, 0.06)	-0.003	0.025	0.910	-2.77e-03 (-0.05, 0.05)
Q9H6H4	REEP4	OID31028	192	-0.005	0.012	0.638	-0.01 (-0.03, 0.02)	0.871	0.055	-0.004	0.024	0.868	-4.06e-03 (-0.05, 0.04)	0.000	0.946	-0.008	0.025	0.752	-0.01 (-0.06, 0.04)	-0.021	0.023	0.350	-0.02 (-0.07, 0.02)
P41732	TSPAN7	OID30810	192	-0.006	0.012	0.638	-0.01 (-0.03, 0.02)	0.871	0.150	-0.021	0.025	0.400	-0.02 (-0.07, 0.03)	0.001	0.475	-0.003	0.024	0.892	-3.29e-03 (-0.05, 0.04)	-0.020	0.023	0.389	-0.02 (-0.07, 0.03)
Q9UJ68	MSRA	OID21513	192	-0.006	0.014	0.640	-0.01 (-0.03, 0.02)	0.873	2.80E-04	-0.005	0.027	0.846	-0.01 (-0.06, 0.05)	0.000	0.957	0.004	0.024	0.852	4.45e-03 (-0.04, 0.05)	-0.008	0.024	0.743	-0.01 (-0.05, 0.04)
Q9Y243	AKT3	OID21197	192	-0.006	0.014	0.641	-0.01 (-0.03, 0.02)	0.873	0.002	-0.006	0.027	0.828	-0.01 (-0.06, 0.05)	0.000	0.978	-0.003	0.025	0.920	-2.56e-03 (-0.05, 0.05)	-0.003	0.024	0.904	-2.91e-03 (-0.05, 0.04)
Q9UK53	ING1	OID20853	192	0.006	0.012	0.641	0.01 (-0.02, 0.03)	0.873	0.232	-0.007	0.024	0.757	-0.01 (-0.05, 0.04)	0.001	0.527	-0.015	0.024	0.547	-0.01 (-0.06, 0.03)	-0.019	0.023	0.408	-0.02 (-0.06, 0.03)
P35606	COPB2	OID30173	192	0.006	0.013	0.641	0.01 (-0.02, 0.03)	0.874	0.016	-0.034	0.026	0.183	-0.03 (-0.08, 0.02)	0.003	0.067	-0.025	0.023	0.266	-0.03 (-0.07, 0.02)	-0.015	0.022	0.505	-0.01 (-0.06, 0.03)
A6NGN9	IGLON5	OID31169	192	0.006	0.012	0.641	0.01 (-0.02, 0.03)	0.874	0.245	0.006	0.024	0.805	0.01 (-0.04, 0.05)	0.000	0.986	-0.005	0.024	0.831	-0.01 (-0.05, 0.04)	-0.003	0.025	0.905	-2.99e-03 (-0.05, 0.05)
Q07973	CYP24A1	OID30091	192	0.006	0.012	0.642	0.01 (-0.02, 0.03)	0.874	0.058	-0.011	0.025	0.666	-0.01 (-0.06, 0.04)	0.001	0.446	-0.016	0.026	0.539	-0.02 (-0.07, 0.04)	-0.021	0.023	0.355	-0.02 (-0.07, 0.02)
P23276	KEL	OID20881	192	-0.012	0.027	0.643	-0.01 (-0.06, 0.04)	0.874	1.82E-158	0.002	0.052	0.971	1.89e-03 (-0.10, 0.10)	-0.001	0.747	-0.014	0.019	0.466	-0.01 (-0.05, 0.02)	-0.014	0.020	0.467	-0.01 (-0.05, 0.02)
Q9Y478	PRKAB1	OID20444	192	-0.006	0.014	0.643	-0.01 (-0.03, 0.02)	0.874	2.24E-04	-0.014	0.027	0.616	-0.01 (-0.07, 0.04)	0.000	0.759	0.008	0.024	0.747	0.01 (-0.04, 0.05)	-0.001	0.025	0.975	-7.73e-04 (-0.05, 0.05)
Q9UPY8	MAPRE3	OID31177	192	-0.008	0.016	0.644	-0.01 (-0.04, 0.02)	0.874	2.02E-11	-0.003	0.032	0.934	-2.63e-03 (-0.06, 0.06)	0.000	0.857	-0.042	0.021	0.045	-0.04 (-0.08, -1.02e-03)	-0.039	0.026	0.133	-0.04 (-0.09, 0.01)
P06401	PGR	OID30460	192	-0.006	0.012	0.644	-0.01 (-0.03, 0.02)	0.874	0.245	0.015	0.024	0.532	0.02 (-0.03, 0.06)	-0.001	0.318	-0.022	0.024	0.368	-0.02 (-0.07, 0.03)	-0.021	0.025	0.406	-0.02 (-0.07, 0.03)
P04070	PROC	OID20402	192	0.007	0.014	0.644	0.01 (-0.02, 0.03)	0.874	3.41E-10	-0.012	0.028	0.661	-0.01 (-0.07, 0.04)	0.001	0.430	0.029	0.020	0.141	0.03 (-0.01, 0.07)	0.027	0.022	0.225	0.03 (-0.02, 0.07)
B6A8C7	TARM1	OID30937	192	-0.006	0.012	0.644	-0.01 (-0.03, 0.02)	0.874	0.575	0.010	0.023	0.661	0.01 (-0.04, 0.06)	-0.001	0.430	-0.024	0.022	0.285	-0.02 (-0.07, 0.02)	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)
P34949	MPI	OID21288	192	0.006	0.014	0.646	0.01 (-0.02, 0.03)	0.876	0.001	-0.001	0.026	0.980	-6.73e-04 (-0.05, 0.05)	0.000	0.760	0.009	0.023	0.717	0.01 (-0.04, 0.05)	-0.010	0.023	0.657	-0.01 (-0.06, 0.04)
Q92692	NECTIN2	OID20222	192	0.006	0.014	0.646	0.01 (-0.02, 0.03)	0.876	2.03E-04	-0.029	0.027	0.273	-0.03 (-0.08, 0.02)	0.002	0.120	0.026	0.022	0.249	0.03 (-0.02, 0.07)	0.027	0.024	0.263	0.03 (-0.02, 0.08)
P17568	NDUFB7	OID31521	192	-0.006	0.013	0.646	-0.01 (-0.03, 0.02)	0.876	0.008	-0.018	0.026	0.483	-0.02 (-0.07, 0.03)	0.001	0.586	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)	-0.021	0.023	0.380	-0.02 (-0.07, 0.03)
A6NC86	PINLYP	OID30651	192	0.005	0.012	0.647	0.01 (-0.02, 0.03)	0.876	3.06E-04	0.006	0.023	0.797	0.01 (-0.04, 0.05)	0.000	0.981	0.001	0.020	0.979	5.34e-04 (-0.04, 0.04)	0.003	0.020	0.879	3.09e-03 (-0.04, 0.04)
Q8N129	CNPY4	OID21317	192	-0.006	0.013	0.647	-0.01 (-0.03, 0.02)	0.877	0.027	-0.016	0.025	0.522	-0.02 (-0.07, 0.03)	0.001	0.636	0.001	0.023	0.980	5.75e-04 (-0.04, 0.05)	-0.027	0.024	0.252	-0.03 (-0.07, 0.02)
Q14956	GPNMB	OID20173	192	-0.015	0.033	0.649	-0.02 (-0.08, 0.05)	0.878	2.17E-228	-0.043	0.065	0.504	-0.04 (-0.17, 0.08)	0.002	0.612	0.011	0.023	0.635	0.01 (-0.03, 0.06)	-0.004	0.022	0.865	-3.72e-03 (-0.05, 0.04)
P04792	HSPB1	OID20230	192	-0.006	0.013	0.649	-0.01 (-0.03, 0.02)	0.879	0.003	-0.016	0.025	0.529	-0.02 (-0.06, 0.03)	0.001	0.644	-0.011	0.023	0.639	-0.01 (-0.06, 0.03)	-0.020	0.021	0.328	-0.02 (-0.06, 0.02)
Q9NUY8	TBC1D23	OID21286	192	-0.006	0.014	0.650	-0.01 (-0.03, 0.02)	0.879	0.001	-0.014	0.026	0.591	-0.01 (-0.07, 0.04)	0.001	0.723	-0.011	0.023	0.649	-0.01 (-0.06, 0.03)	-0.034	0.023	0.146	-0.03 (-0.08, 0.01)
Q99598	TSNAX	OID30185	192	0.005	0.012	0.651	0.01 (-0.02, 0.03)	0.880	0.270	0.006	0.024	0.789	0.01 (-0.04, 0.05)	0.000	0.961	0.006	0.024	0.819	0.01 (-0.04, 0.05)	-0.002	0.024	0.937	-1.90e-03 (-0.05, 0.05)
P10644	PRKAR1A	OID20146	192	-0.006	0.013	0.651	-0.01 (-0.03, 0.02)	0.880	0.002	-0.001	0.026	0.963	-1.22e-03 (-0.05, 0.05)	0.000	0.828	0.010	0.023	0.660	0.01 (-0.03, 0.05)	-0.013	0.024	0.607	-0.01 (-0.06, 0.04)
P35219	CA8	OID30482	192	0.006	0.013	0.653	0.01 (-0.02, 0.03)	0.881	0.014	-0.031	0.026	0.229	-0.03 (-0.08, 0.02)	0.002	0.095	-0.017	0.025	0.502	-0.02 (-0.07, 0.03)	-0.026	0.026	0.314	-0.03 (-0.08, 0.02)
P24386	CHM	OID30972	192	-0.006	0.014	0.654	-0.01 (-0.03, 0.02)	0.881	0.001	0.007	0.027	0.799	0.01 (-0.05, 0.06)	-0.001	0.571	-0.017	0.024	0.490	-0.02 (-0.06, 0.03)	-0.020	0.025	0.421	-0.02 (-0.07, 0.03)
Q12912	IRAG2	OID20085	192	-0.006	0.013	0.653	-0.01 (-0.03, 0.02)	0.881	0.042	0.006	0.025	0.821	0.01 (-0.04, 0.05)	-0.001	0.594	0.005	0.025	0.835	0.01 (-0.04, 0.05)	0.003	0.023	0.906	2.72e-03 (-0.04, 0.05)
Q9NS15	LTBP3	OID21191	43	-0.045	0.099	0.653	-0.04 (-0.24, 0.15)	0.881	2.94E-229	0.030	0.153	0.847	0.03 (-0.27, 0.33)	-0.007	0.524	0.026	0.025	0.299	0.03 (-0.02, 0.08)	0.025	0.026	0.352	0.02 (-0.03, 0.08)
Q8NBJ7	SUMF2	OID21032	192	-0.006	0.014	0.653	-0.01 (-0.03, 0.02)	0.881	2.90E-07	-0.049	0.027	0.074	-0.05 (-0.10, 4.43e-03)	0.003	0.070	-0.005	0.024	0.832	-4.99e-03 (-0.05, 0.04)	-0.006	0.023	0.803	-0.01 (-0.05, 0.04)
Q6IBS0	TWF2	OID30386	192	-0.006	0.013	0.654	-0.01 (-0.03, 0.02)	0.881	0.019	-0.015	0.025	0.561	-0.01 (-0.06, 0.03)	0.001	0.682	-0.003	0.024	0.915	-2.58e-03 (-0.05, 0.05)	-0.014	0.022	0.517	-0.01 (-0.06, 0.03)
Q04900	CD164	OID21080	192	0.006	0.014	0.656	0.01 (-0.02, 0.03)	0.881	2.37E-04	-0.014	0.027	0.600	-0.01 (-0.07, 0.04)	0.001	0.379	-0.011	0.024	0.640	-0.01 (-0.06, 0.04)	-0.008	0.023	0.739	-0.01 (-0.05, 0.04)
P13747	HLA-E	OID20532	192	-0.008	0.017	0.655	-0.01 (-0.04, 0.03)	0.881	6.23E-26	-0.040	0.033	0.234	-0.04 (-0.11, 0.03)	0.002	0.261	-0.031	0.019	0.107	-0.03 (-0.07, 0.01)	-0.023	0.024	0.344	-0.02 (-0.07, 0.02)
Q96PD4	IL17F	OID20456	192	0.005	0.012	0.656	0.01 (-0.02, 0.03)	0.881	0.058	-0.023	0.025	0.354	-0.02 (-0.07, 0.03)	0.002	0.184	-0.004	0.025	0.863	-4.26e-03 (-0.05, 0.04)	-0.003	0.025	0.918	-2.54e-03 (-0.05, 0.05)
Q9H1P3	OSBPL2	OID31085	192	-0.005	0.012	0.655	-0.01 (-0.03, 0.02)	0.881	0.555	-0.015	0.023	0.520	-0.01 (-0.06, 0.03)	0.001	0.629	0.011	0.023	0.624	0.01 (-0.03, 0.06)	-0.004	0.024	0.865	-4.06e-03 (-0.05, 0.04)
P51815	ZNF75D	OID31303	192	0.006	0.013	0.656	0.01 (-0.02, 0.03)	0.881	0.046	0.006	0.025	0.810	0.01 (-0.04, 0.06)	0.000	0.989	0.023	0.024	0.344	0.02 (-0.02, 0.07)	0.030	0.024	0.200	0.03 (-0.02, 0.08)
P17900	GM2A	OID30413	192	0.005	0.012	0.657	0.01 (-0.02, 0.03)	0.881	7.38E-05	-0.047	0.023	0.045	-0.05 (-0.09, -1.43e-03)	0.003	0.009	-0.031	0.019	0.097	-0.03 (-0.07, 0.01)	-0.038	0.020	0.054	-0.04 (-0.08, 3.42e-04)
Q6UWK7	C10orf99	OID31511	192	0.006	0.012	0.656	0.01 (-0.02, 0.03)	0.881	0.013	-0.012	0.024	0.632	-0.01 (-0.06, 0.04)	0.001	0.411	-0.011	0.022	0.636	-0.01 (-0.05, 0.03)	-0.017	0.021	0.413	-0.02 (-0.06, 0.02)
Q9BY14	TEX101	OID30971	192	0.004	0.008	0.656	3.67e-03 (-0.01, 0.02)	0.881	0.314	0.024	0.016	0.145	0.02 (-0.01, 0.06)	-0.001	0.149	0.011	0.018	0.526	0.01 (-0.02, 0.05)	0.011	0.018	0.551	0.01 (-0.02, 0.05)
Q9Y258	CCL26	OID20546	192	0.006	0.013	0.658	0.01 (-0.02, 0.03)	0.883	0.001	0.005	0.026	0.847	0.01 (-0.05, 0.06)	0.000	0.968	0.000	0.024	0.995	1.38e-04 (-0.05, 0.05)	0.004	0.022	0.862	3.79e-03 (-0.04, 0.05)
P08069	IGF1R	OID21274	192	-0.012	0.028	0.658	-0.01 (-0.07, 0.04)	0.883	1.06E-149	-0.011	0.054	0.839	-0.01 (-0.12, 0.09)	0.000	0.977	-0.019	0.019	0.315	-0.02 (-0.06, 0.02)	-0.011	0.023	0.621	-0.01 (-0.06, 0.03)
P17643	TYRP1	OID30517	192	-0.005	0.012	0.658	-0.01 (-0.03, 0.02)	0.883	0.051	-0.026	0.025	0.306	-0.03 (-0.08, 0.02)	0.001	0.342	-0.009	0.025	0.732	-0.01 (-0.06, 0.04)	-0.007	0.024	0.762	-0.01 (-0.06, 0.04)
P54709	ATP1B3	OID30065	192	0.005	0.012	0.660	0.01 (-0.02, 0.03)	0.883	0.318	0.000	0.024	0.984	4.91e-04 (-0.05, 0.05)	0.000	0.814	0.000	0.024	0.997	-8.10e-05 (-0.05, 0.05)	-0.007	0.025	0.786	-0.01 (-0.05, 0.04)
P25942	CD40	OID20724	192	-0.006	0.014	0.662	-0.01 (-0.03, 0.02)	0.883	1.22E-06	-0.016	0.028	0.561	-0.02 (-0.07, 0.04)	0.001	0.677	-0.003	0.024	0.899	-3.01e-03 (-0.05, 0.04)	-0.005	0.022	0.819	-0.01 (-0.05, 0.04)
Q9UJ99	CDH22	OID31332	192	0.005	0.012	0.660	0.01 (-0.02, 0.03)	0.883	0.763	0.025	0.023	0.286	0.02 (-0.02, 0.07)	-0.001	0.326	-0.018	0.023	0.417	-0.02 (-0.06, 0.03)	-0.015	0.024	0.538	-0.01 (-0.06, 0.03)
Q14677	CLINT1	OID31182	192	0.005	0.012	0.659	0.01 (-0.02, 0.03)	0.883	0.926	0.002	0.024	0.944	1.67e-03 (-0.04, 0.05)	0.000	0.855	0.019	0.021	0.379	0.02 (-0.02, 0.06)	0.021	0.023	0.355	0.02 (-0.02, 0.07)
P05305	EDN1	OID30224	192	0.006	0.013	0.662	0.01 (-0.02, 0.03)	0.883	0.003	-0.046	0.025	0.072	-0.05 (-0.10, 3.81e-03)	0.003	0.018	-0.011	0.019	0.571	-0.01 (-0.05, 0.03)	-0.023	0.023	0.333	-0.02 (-0.07, 0.02)
P11487	FGF3	OID30544	192	-0.005	0.012	0.661	-0.01 (-0.03, 0.02)	0.883	0.380	0.024	0.024	0.313	0.02 (-0.02, 0.07)	-0.002	0.151	-0.019	0.024	0.434	-0.02 (-0.07, 0.03)	-0.002	0.024	0.946	-1.58e-03 (-0.05, 0.04)
P37058	HSD17B3	OID30145	192	0.005	0.012	0.661	0.01 (-0.02, 0.03)	0.883	0.495	-0.051	0.023	0.030	-0.05 (-0.10, -0.01)	0.004	0.005	-0.036	0.022	0.109	-0.04 (-0.08, 0.01)	-0.036	0.023	0.120	-0.04 (-0.08, 0.01)
Q6B9Z1	IGFL4	OID30500	192	-0.005	0.012	0.661	-0.01 (-0.03, 0.02)	0.883	0.817	-0.004	0.023	0.864	-4.02e-03 (-0.05, 0.04)	0.000	0.949	0.007	0.023	0.758	0.01 (-0.04, 0.05)	0.001	0.025	0.957	1.36e-03 (-0.05, 0.05)
Q8TCS8	PNPT1	OID20445	192	0.005	0.012	0.660	0.01 (-0.02, 0.03)	0.883	0.153	0.035	0.024	0.154	0.03 (-0.01, 0.08)	-0.002	0.158	-0.005	0.022	0.816	-0.01 (-0.05, 0.04)	0.001	0.023	0.981	5.40e-04 (-0.04, 0.05)
Q04323	UBXN1	OID30654	192	0.006	0.013	0.662	0.01 (-0.02, 0.03)	0.883	0.044	0.000	0.025	0.988	-3.69e-04 (-0.05, 0.05)	0.000	0.779	0.002	0.024	0.924	2.31e-03 (-0.05, 0.05)	-0.012	0.023	0.613	-0.01 (-0.06, 0.03)
P50552	VASP	OID30692	192	-0.006	0.013	0.662	-0.01 (-0.03, 0.02)	0.883	0.002	-0.023	0.026	0.369	-0.02 (-0.07, 0.03)	0.001	0.432	-0.022	0.025	0.380	-0.02 (-0.07, 0.03)	-0.025	0.024	0.315	-0.02 (-0.07, 0.02)
Q15370	ELOB	OID30127	192	-0.005	0.012	0.663	-0.01 (-0.03, 0.02)	0.884	0.263	-0.014	0.024	0.556	-0.01 (-0.06, 0.03)	0.001	0.665	-0.024	0.023	0.300	-0.02 (-0.07, 0.02)	-0.026	0.025	0.285	-0.03 (-0.07, 0.02)
Q96B36	AKT1S1	OID20895	192	-0.005	0.013	0.670	-0.01 (-0.03, 0.02)	0.884	0.043	0.005	0.025	0.832	0.01 (-0.04, 0.05)	-0.001	0.615	-0.004	0.023	0.878	-3.53e-03 (-0.05, 0.04)	-0.022	0.024	0.373	-0.02 (-0.07, 0.03)
P30530	AXL	OID20363	192	0.006	0.015	0.668	0.01 (-0.02, 0.04)	0.884	4.10E-08	-0.042	0.028	0.140	-0.04 (-0.10, 0.01)	0.003	0.048	-0.031	0.022	0.167	-0.03 (-0.07, 0.01)	-0.031	0.022	0.157	-0.03 (-0.07, 0.01)
Q9HB71	CACYBP	OID30649	192	-0.006	0.014	0.670	-0.01 (-0.03, 0.02)	0.884	0.003	-0.014	0.026	0.590	-0.01 (-0.07, 0.04)	0.001	0.709	-0.007	0.024	0.771	-0.01 (-0.06, 0.04)	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)
P13500	CCL2	OID21004	192	-0.005	0.013	0.669	-0.01 (-0.03, 0.02)	0.884	0.005	0.005	0.024	0.823	0.01 (-0.04, 0.05)	-0.001	0.604	0.014	0.022	0.515	0.01 (-0.03, 0.06)	0.016	0.021	0.457	0.02 (-0.03, 0.06)
Q8N8E3	CEP112	OID30115	192	0.005	0.012	0.669	0.01 (-0.02, 0.03)	0.884	0.665	-0.046	0.023	0.050	-0.05 (-0.09, -3.28e-04)	0.003	0.011	-0.015	0.019	0.445	-0.01 (-0.05, 0.02)	-0.033	0.026	0.202	-0.03 (-0.08, 0.02)
O95727	CRTAM	OID20914	192	0.006	0.013	0.667	0.01 (-0.02, 0.03)	0.884	0.001	-0.026	0.025	0.300	-0.03 (-0.07, 0.02)	0.002	0.142	-0.007	0.019	0.702	-0.01 (-0.04, 0.03)	-0.007	0.022	0.767	-0.01 (-0.05, 0.04)
O75521	ECI2	OID30142	192	0.006	0.013	0.671	0.01 (-0.02, 0.03)	0.884	0.008	0.004	0.026	0.888	3.65e-03 (-0.05, 0.05)	0.000	0.927	-0.003	0.025	0.902	-3.11e-03 (-0.05, 0.05)	-0.003	0.025	0.912	-2.71e-03 (-0.05, 0.05)
P03372	ESR1	OID30434	192	-0.006	0.013	0.671	-0.01 (-0.03, 0.02)	0.884	0.012	0.024	0.026	0.366	0.02 (-0.03, 0.07)	-0.002	0.190	-0.046	0.020	0.023	-0.05 (-0.09, -0.01)	-0.041	0.024	0.088	-0.04 (-0.09, 0.01)
O94988	FAM13A	OID31463	192	-0.007	0.017	0.670	-0.01 (-0.04, 0.03)	0.884	4.97E-17	-0.005	0.033	0.881	-4.88e-03 (-0.07, 0.06)	0.000	0.935	-0.015	0.024	0.534	-0.01 (-0.06, 0.03)	-0.024	0.022	0.287	-0.02 (-0.07, 0.02)
Q12778	FOXO1	OID20515	192	-0.005	0.012	0.665	-0.01 (-0.03, 0.02)	0.884	0.270	0.014	0.023	0.541	0.01 (-0.03, 0.06)	-0.001	0.334	0.004	0.023	0.859	4.05e-03 (-0.04, 0.05)	-0.013	0.025	0.597	-0.01 (-0.06, 0.04)
O95256	IL18RAP	OID20900	192	-0.006	0.013	0.669	-0.01 (-0.03, 0.02)	0.884	0.027	0.021	0.025	0.415	0.02 (-0.03, 0.07)	-0.002	0.227	0.011	0.024	0.652	0.01 (-0.04, 0.06)	0.005	0.024	0.844	4.67e-03 (-0.04, 0.05)
Q06643	LTB	OID31383	192	-0.006	0.014	0.666	-0.01 (-0.03, 0.02)	0.884	0.001	-0.075	0.026	0.004	-0.08 (-0.13, -0.02)	0.004	0.002	-0.022	0.025	0.390	-0.02 (-0.07, 0.03)	-0.038	0.024	0.113	-0.04 (-0.09, 0.01)
P50583	NUDT2	OID21308	192	-0.006	0.014	0.671	-0.01 (-0.03, 0.02)	0.884	1.88E-04	0.022	0.027	0.408	0.02 (-0.03, 0.07)	-0.002	0.222	0.014	0.022	0.543	0.01 (-0.03, 0.06)	-0.005	0.022	0.813	-0.01 (-0.05, 0.04)
O60245	PCDH7	OID31456	192	-0.006	0.013	0.666	-0.01 (-0.03, 0.02)	0.884	0.012	0.012	0.025	0.632	0.01 (-0.04, 0.06)	-0.001	0.413	0.000	0.025	0.992	2.62e-04 (-0.05, 0.05)	0.002	0.025	0.931	2.16e-03 (-0.05, 0.05)
P23284	PPIB	OID20331	192	-0.006	0.013	0.669	-0.01 (-0.03, 0.02)	0.884	0.019	-0.007	0.025	0.768	-0.01 (-0.06, 0.04)	0.000	0.930	0.004	0.024	0.862	4.17e-03 (-0.04, 0.05)	-0.019	0.025	0.443	-0.02 (-0.07, 0.03)
O00233	PSMD9	OID21304	192	-0.005	0.011	0.668	-4.87e-03 (-0.03, 0.02	0.884	0.742	0.004	0.022	0.839	4.48e-03 (-0.04, 0.05)	-0.001	0.620	0.007	0.022	0.737	0.01 (-0.04, 0.05)	0.005	0.021	0.819	4.70e-03 (-0.04, 0.04)
O95997	PTTG1	OID31326	192	0.005	0.012	0.664	0.01 (-0.02, 0.03)	0.884	0.946	0.006	0.023	0.800	0.01 (-0.04, 0.05)	0.000	0.972	0.012	0.024	0.607	0.01 (-0.03, 0.06)	0.012	0.024	0.619	0.01 (-0.03, 0.06)
P46060	RANGAP1	OID21203	192	-0.006	0.014	0.669	-0.01 (-0.03, 0.02)	0.884	0.008	-0.007	0.026	0.796	-0.01 (-0.06, 0.04)	0.000	0.964	-0.039	0.023	0.097	-0.04 (-0.08, 0.01)	-0.026	0.026	0.314	-0.03 (-0.08, 0.02)
Q9H4X1	RGCC	OID31060	192	-0.006	0.013	0.668	-0.01 (-0.03, 0.02)	0.884	0.003	-0.023	0.026	0.386	-0.02 (-0.07, 0.03)	0.001	0.450	-0.020	0.025	0.421	-0.02 (-0.07, 0.03)	-0.033	0.024	0.178	-0.03 (-0.08, 0.01)
O43805	SSNA1	OID31453	192	0.006	0.014	0.665	0.01 (-0.02, 0.03)	0.884	2.88E-04	-0.010	0.027	0.702	-0.01 (-0.06, 0.04)	0.001	0.480	-0.011	0.024	0.650	-0.01 (-0.06, 0.04)	-0.015	0.023	0.503	-0.02 (-0.06, 0.03)
P31483	TIA1	OID20068	192	0.006	0.013	0.669	0.01 (-0.02, 0.03)	0.884	0.010	0.004	0.026	0.871	4.23e-03 (-0.05, 0.06)	0.000	0.946	0.025	0.023	0.286	0.02 (-0.02, 0.07)	0.007	0.024	0.760	0.01 (-0.04, 0.05)
O75888	TNFSF13	OID20733	192	-0.006	0.014	0.664	-0.01 (-0.03, 0.02)	0.884	6.68E-10	-0.009	0.028	0.740	-0.01 (-0.06, 0.05)	0.000	0.899	0.025	0.022	0.254	0.02 (-0.02, 0.07)	0.030	0.023	0.196	0.03 (-0.02, 0.07)
Q8NEZ2	VPS37A	OID21355	192	0.006	0.014	0.665	0.01 (-0.02, 0.03)	0.884	4.67E-06	0.011	0.028	0.689	0.01 (-0.04, 0.07)	0.000	0.835	0.026	0.022	0.255	0.03 (-0.02, 0.07)	0.012	0.025	0.628	0.01 (-0.04, 0.06)
O00401	WASL	OID30467	192	-0.006	0.014	0.665	-0.01 (-0.03, 0.02)	0.884	1.62E-04	-0.012	0.028	0.672	-0.01 (-0.07, 0.04)	0.000	0.815	-0.012	0.026	0.653	-0.01 (-0.06, 0.04)	-0.003	0.025	0.891	-3.40e-03 (-0.05, 0.05)
Q9BW85	YJU2	OID31404	192	-0.006	0.013	0.670	-0.01 (-0.03, 0.02)	0.884	0.005	-0.009	0.026	0.730	-0.01 (-0.06, 0.04)	0.000	0.883	-0.014	0.025	0.575	-0.01 (-0.06, 0.03)	-0.021	0.023	0.374	-0.02 (-0.07, 0.02)
Q13002	GRIK2	OID30977	192	0.005	0.012	0.672	4.95e-03 (-0.02, 0.03)	0.885	0.389	-0.004	0.023	0.870	-3.76e-03 (-0.05, 0.04)	0.001	0.659	-0.008	0.025	0.736	-0.01 (-0.06, 0.04)	-0.021	0.024	0.382	-0.02 (-0.07, 0.03)
O60220	TIMM8A	OID31143	192	-0.006	0.013	0.672	-0.01 (-0.03, 0.02)	0.885	0.003	-0.008	0.026	0.772	-0.01 (-0.06, 0.04)	0.000	0.933	-0.013	0.025	0.612	-0.01 (-0.06, 0.04)	-0.021	0.025	0.390	-0.02 (-0.07, 0.03)
Q96KB5	PBK	OID31158	192	-0.005	0.012	0.673	-0.01 (-0.03, 0.02)	0.886	0.619	0.002	0.024	0.941	1.74e-03 (-0.04, 0.05)	0.000	0.734	-0.027	0.023	0.239	-0.03 (-0.07, 0.02)	-0.022	0.025	0.380	-0.02 (-0.07, 0.03)
P06731	CEACAM5	OID21171	192	0.006	0.014	0.674	0.01 (-0.02, 0.03)	0.886	1.02E-07	0.020	0.027	0.457	0.02 (-0.03, 0.07)	-0.001	0.538	0.055	0.018	0.003	0.05 (0.02, 0.09)	0.059	0.020	0.004	0.06 (0.02, 0.10)
Q9BTE6	AARSD1	OID21311	192	0.005	0.011	0.674	4.73e-03 (-0.02, 0.03)	0.887	0.788	0.005	0.022	0.826	4.79e-03 (-0.04, 0.05)	0.000	0.997	-0.006	0.023	0.785	-0.01 (-0.05, 0.04)	-0.026	0.024	0.289	-0.03 (-0.07, 0.02)
P07451	CA3	OID20271	192	0.006	0.014	0.676	0.01 (-0.02, 0.03)	0.889	2.11E-05	-0.005	0.026	0.854	-4.82e-03 (-0.06, 0.05)	0.001	0.642	0.019	0.021	0.356	0.02 (-0.02, 0.06)	0.014	0.021	0.500	0.01 (-0.03, 0.05)
P10398	ARAF	OID31260	192	0.006	0.014	0.678	0.01 (-0.02, 0.03)	0.889	0.001	0.005	0.027	0.843	0.01 (-0.05, 0.06)	0.000	0.985	0.000	0.025	0.984	-4.98e-04 (-0.05, 0.05)	0.006	0.024	0.795	0.01 (-0.04, 0.05)
Q9UN42	ATP1B4	OID31230	192	-0.005	0.012	0.677	-0.01 (-0.03, 0.02)	0.889	0.101	-0.025	0.025	0.324	-0.02 (-0.07, 0.02)	0.001	0.359	-0.025	0.022	0.247	-0.03 (-0.07, 0.02)	-0.024	0.026	0.357	-0.02 (-0.07, 0.03)
P19525	EIF2AK2	OID31442	192	-0.006	0.013	0.678	-0.01 (-0.03, 0.02)	0.889	0.002	-0.010	0.026	0.699	-0.01 (-0.06, 0.04)	0.000	0.840	-0.009	0.024	0.701	-0.01 (-0.06, 0.04)	-0.022	0.024	0.360	-0.02 (-0.07, 0.02)
O60243	HS6ST1	OID21441	192	0.007	0.017	0.678	0.01 (-0.03, 0.04)	0.889	6.43E-19	0.033	0.033	0.317	0.03 (-0.03, 0.10)	-0.002	0.357	0.006	0.022	0.804	0.01 (-0.04, 0.05)	0.010	0.024	0.695	0.01 (-0.04, 0.06)
Q9HBL6	LRTM1	OID30906	192	0.005	0.012	0.679	4.99e-03 (-0.02, 0.03)	0.889	0.614	-0.009	0.023	0.696	-0.01 (-0.05, 0.04)	0.001	0.481	-0.017	0.023	0.457	-0.02 (-0.06, 0.03)	-0.011	0.025	0.653	-0.01 (-0.06, 0.04)
P55082	MFAP3	OID20057	192	-0.006	0.014	0.679	-0.01 (-0.03, 0.02)	0.889	0.008	-0.015	0.026	0.570	-0.02 (-0.07, 0.04)	0.001	0.679	-0.019	0.027	0.472	-0.02 (-0.07, 0.03)	-0.015	0.023	0.520	-0.02 (-0.06, 0.03)
P19838	NFKB1	OID30160	192	-0.006	0.013	0.676	-0.01 (-0.03, 0.02)	0.889	0.008	0.001	0.026	0.974	8.50e-04 (-0.05, 0.05)	0.000	0.773	0.010	0.023	0.656	0.01 (-0.04, 0.06)	-0.006	0.025	0.812	-0.01 (-0.05, 0.04)
Q9NQ66	PLCB1	OID30484	192	0.006	0.013	0.676	0.01 (-0.02, 0.03)	0.889	0.018	0.038	0.026	0.146	0.04 (-0.01, 0.09)	-0.002	0.148	0.000	0.026	0.989	3.48e-04 (-0.05, 0.05)	-0.006	0.024	0.816	-0.01 (-0.05, 0.04)
Q9HCK4	ROBO2	OID21007	192	0.006	0.014	0.678	0.01 (-0.02, 0.03)	0.889	1.25E-08	0.007	0.028	0.801	0.01 (-0.05, 0.06)	0.000	0.965	0.035	0.020	0.083	0.03 (-4.48e-03, 0.07)	0.028	0.024	0.245	0.03 (-0.02, 0.07)
P37173	TGFBR2	OID21493	192	0.006	0.015	0.679	0.01 (-0.02, 0.04)	0.889	6.08E-12	-0.049	0.029	0.093	-0.05 (-0.11, 0.01)	0.003	0.027	-0.029	0.021	0.170	-0.03 (-0.07, 0.01)	-0.026	0.023	0.270	-0.03 (-0.07, 0.02)
Q9NQW8	CNGB3	OID30805	192	-0.005	0.012	0.680	-0.01 (-0.03, 0.02)	0.889	0.242	-0.032	0.024	0.195	-0.03 (-0.08, 0.02)	0.002	0.203	-0.001	0.023	0.959	-1.19e-03 (-0.05, 0.04)	-0.006	0.025	0.812	-0.01 (-0.05, 0.04)
Q5F1R6	DNAJC21	OID31104	192	-0.006	0.014	0.681	-0.01 (-0.03, 0.02)	0.889	1.56E-04	0.000	0.027	0.991	-3.15e-04 (-0.05, 0.05)	0.000	0.816	-0.013	0.025	0.609	-0.01 (-0.06, 0.04)	-0.022	0.022	0.312	-0.02 (-0.07, 0.02)
Q13261	IL15RA	OID20498	192	-0.006	0.014	0.681	-0.01 (-0.03, 0.02)	0.889	8.46E-05	-0.007	0.027	0.808	-0.01 (-0.06, 0.05)	0.000	0.969	0.000	0.024	0.991	-2.72e-04 (-0.05, 0.05)	-0.003	0.023	0.906	-2.69e-03 (-0.05, 0.04)
Q6UXL0	IL20RB	OID30461	192	-0.005	0.013	0.681	-0.01 (-0.03, 0.02)	0.889	0.022	0.024	0.026	0.359	0.02 (-0.03, 0.07)	-0.002	0.188	0.023	0.024	0.350	0.02 (-0.03, 0.07)	0.028	0.024	0.249	0.03 (-0.02, 0.08)
Q9H910	JPT2	OID31520	192	-0.005	0.013	0.680	-0.01 (-0.03, 0.02)	0.889	0.033	0.002	0.025	0.949	1.58e-03 (-0.05, 0.05)	0.000	0.748	0.004	0.024	0.854	4.32e-03 (-0.04, 0.05)	-0.011	0.022	0.637	-0.01 (-0.05, 0.03)
O96007	MOCS2	OID30638	192	0.005	0.012	0.680	0.01 (-0.02, 0.03)	0.889	0.004	-0.022	0.024	0.348	-0.02 (-0.07, 0.02)	0.002	0.179	-0.019	0.021	0.379	-0.02 (-0.06, 0.02)	-0.030	0.022	0.181	-0.03 (-0.07, 0.01)
P0DJD7	PGA4	OID30699	192	-0.006	0.014	0.681	-0.01 (-0.03, 0.02)	0.889	9.43E-05	0.023	0.027	0.393	0.02 (-0.03, 0.08)	-0.002	0.214	0.012	0.020	0.542	0.01 (-0.03, 0.05)	0.024	0.022	0.275	0.02 (-0.02, 0.07)
Q8WZ42	TTN	OID30108	192	0.006	0.013	0.680	0.01 (-0.02, 0.03)	0.889	0.010	-0.024	0.026	0.363	-0.02 (-0.07, 0.03)	0.002	0.191	-0.031	0.020	0.114	-0.03 (-0.07, 0.01)	-0.029	0.023	0.217	-0.03 (-0.07, 0.02)
Q13017	ARHGAP5	OID31190	192	-0.005	0.012	0.682	-4.91e-03 (-0.03, 0.02	0.889	0.071	-0.008	0.025	0.742	-0.01 (-0.06, 0.04)	0.000	0.876	0.012	0.023	0.623	0.01 (-0.03, 0.06)	0.007	0.024	0.762	0.01 (-0.04, 0.05)
P07585	DCN	OID20106	192	-0.006	0.013	0.682	-0.01 (-0.03, 0.02)	0.889	6.30E-05	-0.020	0.026	0.446	-0.02 (-0.07, 0.03)	0.001	0.520	-0.028	0.020	0.171	-0.03 (-0.07, 0.01)	-0.021	0.024	0.373	-0.02 (-0.07, 0.03)
P15692	VEGFA	OID20650	192	0.006	0.015	0.682	0.01 (-0.02, 0.04)	0.889	2.35E-18	-0.007	0.029	0.808	-0.01 (-0.06, 0.05)	0.001	0.597	0.028	0.019	0.153	0.03 (-0.01, 0.07)	0.025	0.019	0.185	0.03 (-0.01, 0.06)
O60609	GFRA3	OID20933	192	0.006	0.015	0.685	0.01 (-0.02, 0.04)	0.891	3.84E-11	0.015	0.029	0.606	0.02 (-0.04, 0.07)	-0.001	0.720	0.009	0.023	0.707	0.01 (-0.04, 0.05)	0.000	0.022	0.994	1.68e-04 (-0.04, 0.04)
O76076	CCN5	OID21068	192	0.006	0.014	0.685	0.01 (-0.02, 0.03)	0.892	1.05E-11	-0.048	0.027	0.083	-0.05 (-0.10, 0.01)	0.003	0.024	-0.028	0.019	0.154	-0.03 (-0.07, 0.01)	-0.037	0.020	0.069	-0.04 (-0.08, 2.70e-03)
P35611	ADD1	OID30655	192	0.005	0.013	0.686	0.01 (-0.02, 0.03)	0.892	0.010	0.018	0.025	0.467	0.02 (-0.03, 0.07)	-0.001	0.544	0.003	0.022	0.897	2.87e-03 (-0.04, 0.05)	0.002	0.022	0.930	1.89e-03 (-0.04, 0.04)
Q8IX05	CD302	OID21328	192	0.006	0.015	0.686	0.01 (-0.02, 0.04)	0.892	2.20E-13	-0.049	0.029	0.098	-0.05 (-0.11, 0.01)	0.003	0.030	-0.036	0.020	0.072	-0.04 (-0.07, 3.26e-03)	-0.043	0.027	0.110	-0.04 (-0.10, 0.01)
Q14204	DYNC1H1	OID31341	192	0.005	0.012	0.687	4.74e-03 (-0.02, 0.03)	0.893	0.170	0.009	0.024	0.699	0.01 (-0.04, 0.06)	0.000	0.825	0.026	0.022	0.240	0.03 (-0.02, 0.07)	0.027	0.024	0.261	0.03 (-0.02, 0.08)
Q13541	EIF4EBP1	OID20162	192	0.005	0.011	0.689	4.58e-03 (-0.02, 0.03)	0.894	0.850	-0.007	0.022	0.756	-0.01 (-0.05, 0.04)	0.001	0.546	0.015	0.022	0.500	0.01 (-0.03, 0.06)	0.004	0.024	0.884	3.53e-03 (-0.04, 0.05)
O14737	PDCD5	OID21021	192	0.005	0.012	0.689	4.91e-03 (-0.02, 0.03)	0.894	0.036	-0.021	0.024	0.374	-0.02 (-0.07, 0.03)	0.002	0.201	0.006	0.024	0.806	0.01 (-0.04, 0.05)	-0.009	0.023	0.685	-0.01 (-0.05, 0.04)
Q9UKY0	PRND	OID31124	192	-0.007	0.018	0.689	-0.01 (-0.04, 0.03)	0.894	2.54E-26	-0.035	0.035	0.322	-0.03 (-0.10, 0.03)	0.002	0.359	-0.006	0.025	0.793	-0.01 (-0.05, 0.04)	-0.004	0.022	0.851	-4.13e-03 (-0.05, 0.04)
O15078	CEP290	OID31287	192	-0.005	0.012	0.690	-4.80e-03 (-0.03, 0.02	0.895	0.894	-0.027	0.023	0.251	-0.03 (-0.07, 0.02)	0.001	0.271	-0.028	0.022	0.197	-0.03 (-0.07, 0.01)	-0.018	0.024	0.457	-0.02 (-0.07, 0.03)
A6BM72	MEGF11	OID30099	192	0.005	0.012	0.690	4.77e-03 (-0.02, 0.03)	0.895	0.830	-0.027	0.023	0.250	-0.03 (-0.07, 0.02)	0.002	0.114	-0.015	0.021	0.485	-0.01 (-0.06, 0.03)	-0.019	0.023	0.420	-0.02 (-0.06, 0.03)
P56645	PER3	OID30511	192	0.004	0.011	0.692	4.44e-03 (-0.02, 0.03)	0.896	0.086	0.015	0.023	0.525	0.01 (-0.03, 0.06)	-0.001	0.604	0.000	0.024	0.989	3.22e-04 (-0.05, 0.05)	-0.005	0.021	0.828	-4.66e-03 (-0.05, 0.04)
Q9NY72	SCN3B	OID30804	192	-0.005	0.013	0.691	-0.01 (-0.03, 0.02)	0.896	0.033	-0.015	0.026	0.556	-0.02 (-0.07, 0.04)	0.001	0.653	0.001	0.025	0.957	1.37e-03 (-0.05, 0.05)	-0.021	0.027	0.437	-0.02 (-0.07, 0.03)
P09758	TACSTD2	OID21447	192	-0.006	0.015	0.691	-0.01 (-0.04, 0.02)	0.896	2.44E-15	0.045	0.029	0.112	0.05 (-0.01, 0.10)	-0.003	0.036	0.026	0.019	0.174	0.03 (-0.01, 0.06)	0.024	0.024	0.311	0.02 (-0.02, 0.07)
P14854	COX6B1	OID30317	192	0.005	0.013	0.692	0.01 (-0.02, 0.03)	0.896	0.010	-0.016	0.026	0.543	-0.02 (-0.07, 0.03)	0.001	0.343	0.003	0.024	0.903	2.88e-03 (-0.04, 0.05)	0.011	0.023	0.613	0.01 (-0.03, 0.06)
P23743	DGKA	OID30546	192	-0.005	0.013	0.694	-0.01 (-0.03, 0.02)	0.896	0.032	-0.004	0.025	0.880	-3.82e-03 (-0.05, 0.05)	0.000	0.953	-0.002	0.023	0.928	-2.03e-03 (-0.05, 0.04)	-0.006	0.024	0.801	-0.01 (-0.05, 0.04)
Q63HQ2	EGFLAM	OID31496	192	0.005	0.012	0.694	4.91e-03 (-0.02, 0.03)	0.896	1.45E-04	0.017	0.024	0.477	0.02 (-0.03, 0.06)	-0.001	0.553	-0.004	0.022	0.843	-4.36e-03 (-0.05, 0.04)	0.002	0.022	0.914	2.37e-03 (-0.04, 0.05)
Q15303	ERBB4	OID21510	192	0.006	0.015	0.693	0.01 (-0.02, 0.04)	0.896	3.45E-12	0.054	0.029	0.069	0.05 (-3.80e-03, 0.11)	-0.003	0.059	0.020	0.024	0.398	0.02 (-0.03, 0.07)	0.015	0.024	0.530	0.01 (-0.03, 0.06)
O15117	FYB1	OID21140	192	-0.006	0.014	0.694	-0.01 (-0.03, 0.02)	0.896	6.07E-05	-0.024	0.027	0.377	-0.02 (-0.08, 0.03)	0.001	0.427	-0.007	0.025	0.768	-0.01 (-0.06, 0.04)	-0.019	0.023	0.420	-0.02 (-0.06, 0.03)
Q8TDQ7	GNPDA2	OID30597	192	-0.005	0.013	0.694	-0.01 (-0.03, 0.02)	0.896	0.002	0.005	0.026	0.842	0.01 (-0.05, 0.06)	-0.001	0.638	0.009	0.024	0.713	0.01 (-0.04, 0.06)	0.006	0.025	0.807	0.01 (-0.04, 0.05)
P24592	IGFBP6	OID20413	192	-0.005	0.013	0.693	-4.94e-03 (-0.03, 0.02	0.896	9.52E-06	-0.071	0.024	0.003	-0.07 (-0.12, -0.02)	0.004	0.001	-0.046	0.019	0.019	-0.05 (-0.08, -0.01)	-0.031	0.021	0.135	-0.03 (-0.07, 0.01)
P40933	IL15	OID20562	192	-0.006	0.016	0.693	-0.01 (-0.04, 0.02)	0.896	7.45E-11	-0.034	0.030	0.256	-0.03 (-0.09, 0.02)	0.002	0.276	0.013	0.025	0.606	0.01 (-0.04, 0.06)	-0.001	0.024	0.980	-6.19e-04 (-0.05, 0.05)
Q15018	ABRAXAS2	OID30130	192	0.005	0.013	0.697	0.01 (-0.02, 0.03)	0.896	0.047	0.003	0.025	0.900	3.16e-03 (-0.05, 0.05)	0.000	0.931	-0.008	0.024	0.742	-0.01 (-0.06, 0.04)	-0.008	0.024	0.732	-0.01 (-0.05, 0.04)
O15382	BCAT2	OID30844	192	0.005	0.012	0.697	4.72e-03 (-0.02, 0.03)	0.896	0.373	-0.010	0.024	0.682	-0.01 (-0.06, 0.04)	0.001	0.478	0.021	0.024	0.395	0.02 (-0.03, 0.07)	0.018	0.024	0.469	0.02 (-0.03, 0.07)
P06729	CD2	OID30097	155	-0.006	0.015	0.698	-0.01 (-0.03, 0.02)	0.896	0.022	-0.030	0.028	0.283	-0.03 (-0.08, 0.02)	0.002	0.305	-0.037	0.023	0.108	-0.04 (-0.08, 0.01)	-0.023	0.023	0.318	-0.02 (-0.07, 0.02)
Q9NZQ7	CD274	OID20966	192	0.005	0.014	0.695	0.01 (-0.02, 0.03)	0.896	3.02E-05	-0.004	0.026	0.871	-4.30e-03 (-0.06, 0.05)	0.001	0.671	0.022	0.021	0.297	0.02 (-0.02, 0.06)	0.009	0.023	0.708	0.01 (-0.04, 0.05)
Q96NB1	CEP20	OID21209	192	0.005	0.014	0.698	0.01 (-0.02, 0.03)	0.896	2.03E-04	0.008	0.027	0.770	0.01 (-0.05, 0.06)	0.000	0.914	-0.001	0.025	0.962	-1.21e-03 (-0.05, 0.05)	0.000	0.024	0.999	2.57e-05 (-0.05, 0.05)
Q9NS71	GKN1	OID20885	192	0.005	0.012	0.696	4.69e-03 (-0.02, 0.03)	0.896	0.128	-0.006	0.025	0.810	-0.01 (-0.05, 0.04)	0.001	0.615	-0.004	0.025	0.884	-3.58e-03 (-0.05, 0.04)	-0.003	0.023	0.903	-2.84e-03 (-0.05, 0.04)
P46531	NOTCH1	OID20311	192	0.006	0.016	0.698	0.01 (-0.03, 0.04)	0.896	9.30E-16	0.003	0.032	0.917	3.32e-03 (-0.06, 0.07)	0.000	0.912	0.031	0.022	0.164	0.03 (-0.01, 0.08)	0.039	0.024	0.105	0.04 (-0.01, 0.09)
Q15276	RABEP1	OID30647	192	-0.005	0.013	0.695	-0.01 (-0.03, 0.02)	0.896	0.001	-0.004	0.026	0.887	-3.73e-03 (-0.06, 0.05)	0.000	0.945	-0.003	0.021	0.894	-2.85e-03 (-0.04, 0.04)	-0.013	0.023	0.569	-0.01 (-0.06, 0.03)
Q8WWQ8	STAB2	OID30401	192	0.011	0.029	0.697	0.01 (-0.05, 0.07)	0.896	2.38E-181	-0.019	0.056	0.732	-0.02 (-0.13, 0.09)	0.002	0.527	0.014	0.018	0.433	0.01 (-0.02, 0.05)	0.003	0.021	0.893	2.80e-03 (-0.04, 0.04)
Q8N6Q1	TMCO5A	OID30940	192	0.005	0.013	0.696	0.01 (-0.02, 0.03)	0.896	0.014	-0.025	0.026	0.329	-0.03 (-0.08, 0.03)	0.002	0.170	0.007	0.025	0.792	0.01 (-0.04, 0.06)	0.004	0.023	0.858	4.20e-03 (-0.04, 0.05)
O60635	TSPAN1	OID20078	192	0.005	0.013	0.698	4.88e-03 (-0.02, 0.03)	0.896	0.002	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)	0.001	0.313	0.014	0.021	0.510	0.01 (-0.03, 0.06)	0.008	0.020	0.671	0.01 (-0.03, 0.05)
Q16881	TXNRD1	OID21135	192	0.006	0.015	0.697	0.01 (-0.02, 0.03)	0.896	2.05E-06	-0.017	0.028	0.547	-0.02 (-0.07, 0.04)	0.001	0.349	-0.003	0.024	0.886	-3.45e-03 (-0.05, 0.04)	-0.016	0.023	0.484	-0.02 (-0.06, 0.03)
P32456	GBP2	OID20489	192	-0.005	0.012	0.698	-4.65e-03 (-0.03, 0.02	0.896	0.050	-0.009	0.025	0.716	-0.01 (-0.06, 0.04)	0.000	0.833	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	-0.010	0.026	0.690	-0.01 (-0.06, 0.04)
O75121	MFAP3L	OID30933	192	0.005	0.012	0.699	4.67e-03 (-0.02, 0.03)	0.896	0.191	-0.016	0.024	0.525	-0.02 (-0.06, 0.03)	0.001	0.335	-0.002	0.026	0.931	-2.23e-03 (-0.05, 0.05)	-0.008	0.026	0.762	-0.01 (-0.06, 0.04)
Q9Y2Z0	SUGT1	OID21229	192	-0.005	0.013	0.699	-0.01 (-0.03, 0.02)	0.896	0.020	-0.001	0.026	0.970	-9.62e-04 (-0.05, 0.05)	0.000	0.851	0.007	0.023	0.769	0.01 (-0.04, 0.05)	0.003	0.024	0.916	2.50e-03 (-0.04, 0.05)
Q9H1C3	GLT8D2	OID20825	192	0.005	0.012	0.700	4.65e-03 (-0.02, 0.03)	0.897	0.443	-0.002	0.024	0.921	-2.34e-03 (-0.05, 0.04)	0.000	0.730	-0.020	0.020	0.317	-0.02 (-0.06, 0.02)	-0.020	0.025	0.422	-0.02 (-0.07, 0.03)
Q8IV16	GPIHBP1	OID31469	192	-0.005	0.014	0.700	-0.01 (-0.03, 0.02)	0.897	2.34E-04	-0.014	0.027	0.607	-0.01 (-0.07, 0.04)	0.001	0.712	-0.023	0.025	0.351	-0.02 (-0.07, 0.03)	-0.029	0.026	0.256	-0.03 (-0.08, 0.02)
Q16552	IL17A	OID20469	192	0.005	0.013	0.700	0.01 (-0.02, 0.03)	0.897	0.030	-0.037	0.025	0.149	-0.04 (-0.09, 0.01)	0.003	0.056	-0.030	0.023	0.202	-0.03 (-0.08, 0.02)	-0.028	0.023	0.218	-0.03 (-0.07, 0.02)
Q8IWZ8	SUGP1	OID31524	192	-0.005	0.013	0.702	-0.01 (-0.03, 0.02)	0.898	0.001	-0.016	0.026	0.531	-0.02 (-0.07, 0.03)	0.001	0.616	-0.004	0.024	0.879	-3.71e-03 (-0.05, 0.04)	-0.009	0.024	0.716	-0.01 (-0.06, 0.04)
A8MTB9	CEACAM18	OID31251	192	0.005	0.012	0.703	4.59e-03 (-0.02, 0.03)	0.899	0.543	-0.012	0.023	0.610	-0.01 (-0.06, 0.03)	0.001	0.409	-0.016	0.020	0.414	-0.02 (-0.06, 0.02)	-0.022	0.023	0.350	-0.02 (-0.07, 0.02)
Q9NUG6	PDRG1	OID30912	192	0.005	0.013	0.704	0.01 (-0.02, 0.03)	0.900	0.020	0.008	0.026	0.766	0.01 (-0.04, 0.06)	0.000	0.905	-0.024	0.022	0.276	-0.02 (-0.07, 0.02)	-0.010	0.025	0.682	-0.01 (-0.06, 0.04)
Q53H47	SETMAR	OID20948	192	0.006	0.015	0.705	0.01 (-0.02, 0.04)	0.901	5.58E-11	-0.060	0.029	0.037	-0.06 (-0.12, -3.98e-03)	0.004	0.008	-0.040	0.019	0.041	-0.04 (-0.08, -1.63e-03)	-0.053	0.024	0.026	-0.05 (-0.10, -0.01)
O15013	ARHGEF10	OID30994	192	-0.005	0.012	0.707	-4.69e-03 (-0.03, 0.02	0.901	0.011	-0.003	0.024	0.918	-2.51e-03 (-0.05, 0.05)	0.000	0.916	0.003	0.023	0.884	3.31e-03 (-0.04, 0.05)	-0.001	0.022	0.952	-1.30e-03 (-0.04, 0.04)
Q4VC05	BCL7A	OID31218	192	-0.005	0.012	0.707	-4.58e-03 (-0.03, 0.02	0.901	0.162	0.002	0.025	0.926	2.32e-03 (-0.05, 0.05)	0.000	0.746	0.007	0.024	0.785	0.01 (-0.04, 0.05)	0.007	0.025	0.778	0.01 (-0.04, 0.06)
P31146	CORO1A	OID20286	192	0.005	0.014	0.708	0.01 (-0.02, 0.03)	0.901	0.002	-0.005	0.026	0.853	-4.88e-03 (-0.06, 0.05)	0.001	0.660	0.012	0.024	0.628	0.01 (-0.04, 0.06)	-0.006	0.024	0.813	-0.01 (-0.05, 0.04)
O60911	CTSV	OID21405	192	0.006	0.016	0.707	0.01 (-0.02, 0.04)	0.901	2.37E-16	0.041	0.030	0.175	0.04 (-0.02, 0.10)	-0.002	0.175	0.030	0.022	0.174	0.03 (-0.01, 0.07)	0.024	0.021	0.258	0.02 (-0.02, 0.07)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
O95715	CXCL14	OID20458	192	0.004	0.011	0.708	4.15e-03 (-0.02, 0.03)	0.901	0.148	0.003	0.023	0.907	2.66e-03 (-0.04, 0.05)	0.000	0.939	-0.011	0.021	0.613	-0.01 (-0.05, 0.03)	-0.007	0.022	0.771	-0.01 (-0.05, 0.04)
Q9BV94	EDEM2	OID30136	192	0.005	0.012	0.708	4.54e-03 (-0.02, 0.03)	0.901	0.920	0.012	0.023	0.607	0.01 (-0.03, 0.06)	0.000	0.708	-0.011	0.024	0.661	-0.01 (-0.06, 0.04)	-0.005	0.024	0.853	-4.53e-03 (-0.05, 0.04)
Q8NDI1	EHBP1	OID30302	192	-0.005	0.013	0.706	-4.90e-03 (-0.03, 0.02	0.901	0.008	-0.023	0.025	0.362	-0.02 (-0.07, 0.03)	0.001	0.403	-0.007	0.024	0.786	-0.01 (-0.05, 0.04)	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)
Q969P0	IGSF8	OID20167	17	-0.015	0.040	0.707	-0.01 (-0.09, 0.06)	0.901	2.69E-04	0.063	0.050	0.226	0.06 (-0.03, 0.16)	-0.010	0.042	0.022	0.028	0.415	0.02 (-0.03, 0.08)	0.019	0.029	0.528	0.02 (-0.04, 0.08)
Q12866	MERTK	OID20657	192	-0.010	0.026	0.708	-0.01 (-0.06, 0.04)	0.901	1.99E-118	-0.052	0.050	0.296	-0.05 (-0.15, 0.05)	0.003	0.319	-0.022	0.023	0.322	-0.02 (-0.07, 0.02)	-0.007	0.022	0.736	-0.01 (-0.05, 0.04)
Q9Y336	SIGLEC9	OID21390	192	-0.007	0.017	0.706	-0.01 (-0.04, 0.03)	0.901	1.07E-55	-0.007	0.034	0.830	-0.01 (-0.07, 0.06)	0.000	0.981	-0.006	0.015	0.700	-0.01 (-0.04, 0.02)	-0.011	0.018	0.554	-0.01 (-0.05, 0.02)
P84022	SMAD3	OID31418	192	-0.005	0.013	0.706	-4.82e-03 (-0.03, 0.02	0.901	0.019	-0.009	0.025	0.723	-0.01 (-0.06, 0.04)	0.000	0.852	-0.008	0.025	0.756	-0.01 (-0.06, 0.04)	-0.014	0.024	0.560	-0.01 (-0.06, 0.03)
O00337	SLC28A1	OID31220	192	0.005	0.012	0.709	4.55e-03 (-0.02, 0.03)	0.902	0.883	-0.010	0.024	0.669	-0.01 (-0.06, 0.04)	0.001	0.470	-0.010	0.025	0.686	-0.01 (-0.06, 0.04)	-0.020	0.026	0.433	-0.02 (-0.07, 0.03)
Q9NWV8	BABAM1	OID30466	192	-0.004	0.012	0.710	-4.49e-03 (-0.03, 0.02	0.902	0.851	-0.016	0.023	0.504	-0.02 (-0.06, 0.03)	0.001	0.578	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)	-0.034	0.024	0.164	-0.03 (-0.08, 0.01)
Q99435	NELL2	OID20706	192	-0.007	0.020	0.711	-0.01 (-0.05, 0.03)	0.903	7.71E-42	0.033	0.038	0.391	0.03 (-0.04, 0.11)	-0.003	0.221	0.014	0.023	0.533	0.01 (-0.03, 0.06)	0.007	0.022	0.753	0.01 (-0.04, 0.05)
Q68J44	DUSP29	OID30935	192	-0.005	0.013	0.711	-4.78e-03 (-0.03, 0.02	0.903	0.042	-0.060	0.025	0.015	-0.06 (-0.11, -0.01)	0.004	0.009	-0.039	0.022	0.080	-0.04 (-0.08, 4.64e-03)	-0.033	0.025	0.180	-0.03 (-0.08, 0.02)
P61769	B2M	OID30725	192	0.005	0.014	0.714	0.01 (-0.02, 0.03)	0.903	1.21E-08	-0.041	0.028	0.142	-0.04 (-0.09, 0.01)	0.003	0.053	-0.023	0.021	0.275	-0.02 (-0.06, 0.02)	-0.018	0.022	0.421	-0.02 (-0.06, 0.03)
P09496	CLTA	OID20118	192	-0.005	0.013	0.714	-4.90e-03 (-0.03, 0.02	0.903	0.008	-0.032	0.026	0.224	-0.03 (-0.08, 0.02)	0.002	0.230	0.000	0.024	0.997	9.88e-05 (-0.05, 0.05)	-0.029	0.027	0.275	-0.03 (-0.08, 0.02)
Q08345	DDR1	OID21009	192	0.005	0.014	0.713	0.01 (-0.02, 0.03)	0.903	4.79E-09	0.007	0.028	0.792	0.01 (-0.05, 0.06)	0.000	0.930	0.018	0.022	0.414	0.02 (-0.02, 0.06)	0.007	0.021	0.753	0.01 (-0.04, 0.05)
Q13651	IL10RA	OID20420	36	-0.008	0.021	0.714	-0.01 (-0.05, 0.03)	0.903	0.243	0.011	0.034	0.744	0.01 (-0.06, 0.08)	-0.002	0.458	-0.007	0.028	0.807	-0.01 (-0.06, 0.05)	-0.005	0.030	0.860	-0.01 (-0.06, 0.05)
O95760	IL33	OID20428	192	-0.004	0.012	0.714	-4.42e-03 (-0.03, 0.02	0.903	0.833	-0.050	0.023	0.035	-0.05 (-0.10, -3.96e-03)	0.003	0.025	-0.024	0.021	0.251	-0.02 (-0.06, 0.02)	-0.032	0.023	0.165	-0.03 (-0.08, 0.01)
P17931	LGALS3	OID20284	192	0.005	0.014	0.714	0.01 (-0.02, 0.03)	0.903	8.57E-13	-0.009	0.026	0.733	-0.01 (-0.06, 0.04)	0.001	0.536	0.015	0.022	0.508	0.01 (-0.03, 0.06)	0.016	0.023	0.484	0.02 (-0.03, 0.06)
Q9Y623	MYH4	OID30061	192	-0.004	0.012	0.714	-4.44e-03 (-0.03, 0.02	0.903	0.772	0.014	0.024	0.565	0.01 (-0.03, 0.06)	-0.001	0.373	0.009	0.023	0.697	0.01 (-0.04, 0.06)	0.005	0.025	0.831	0.01 (-0.04, 0.06)
Q0ZGT2	NEXN	OID30678	192	0.005	0.013	0.713	4.94e-03 (-0.02, 0.03)	0.903	0.001	-0.014	0.026	0.602	-0.01 (-0.06, 0.04)	0.001	0.407	-0.016	0.024	0.511	-0.02 (-0.06, 0.03)	-0.019	0.022	0.392	-0.02 (-0.06, 0.02)
Q9UJZ1	STOML2	OID31183	192	0.005	0.013	0.714	4.82e-03 (-0.02, 0.03)	0.903	0.048	0.016	0.026	0.540	0.02 (-0.03, 0.07)	-0.001	0.620	-0.005	0.026	0.862	-4.54e-03 (-0.06, 0.05)	-0.007	0.025	0.784	-0.01 (-0.06, 0.04)
O00206	TLR4	OID30428	192	-0.005	0.013	0.713	-4.86e-03 (-0.03, 0.02	0.903	0.028	-0.012	0.026	0.643	-0.01 (-0.06, 0.04)	0.000	0.748	-0.029	0.021	0.169	-0.03 (-0.07, 0.01)	-0.022	0.023	0.335	-0.02 (-0.07, 0.02)
P48643	CCT5	OID21200	192	-0.005	0.014	0.716	-4.94e-03 (-0.03, 0.02	0.904	0.002	-0.016	0.026	0.535	-0.02 (-0.07, 0.04)	0.001	0.613	-0.011	0.026	0.679	-0.01 (-0.06, 0.04)	-0.012	0.024	0.618	-0.01 (-0.06, 0.04)
Q92935	EXTL1	OID30114	192	-0.004	0.012	0.715	-4.27e-03 (-0.03, 0.02	0.904	0.108	-0.004	0.024	0.876	-3.77e-03 (-0.05, 0.04)	0.000	0.981	-0.024	0.023	0.309	-0.02 (-0.07, 0.02)	-0.036	0.027	0.179	-0.04 (-0.09, 0.02)
Q96EM0	L3HYPDH	OID30314	192	-0.005	0.014	0.716	-0.01 (-0.03, 0.02)	0.904	0.001	-0.028	0.027	0.291	-0.03 (-0.08, 0.02)	0.001	0.311	-0.006	0.025	0.815	-0.01 (-0.05, 0.04)	-0.007	0.024	0.775	-0.01 (-0.05, 0.04)
Q96EP0	RNF31	OID30473	192	0.004	0.012	0.716	4.40e-03 (-0.02, 0.03)	0.904	0.889	0.002	0.023	0.921	2.32e-03 (-0.04, 0.05)	0.000	0.918	-0.004	0.024	0.875	-3.73e-03 (-0.05, 0.04)	0.000	0.024	0.983	-4.92e-04 (-0.05, 0.05)
O95721	SNAP29	OID21506	192	-0.005	0.013	0.715	-4.81e-03 (-0.03, 0.02	0.904	0.010	-0.008	0.026	0.766	-0.01 (-0.06, 0.04)	0.000	0.898	0.009	0.022	0.692	0.01 (-0.03, 0.05)	-0.016	0.026	0.532	-0.02 (-0.07, 0.03)
O14530	TXNDC9	OID31121	192	0.005	0.013	0.716	4.76e-03 (-0.02, 0.03)	0.904	0.019	0.000	0.025	0.999	-1.91e-05 (-0.05, 0.05)	0.000	0.826	0.009	0.022	0.700	0.01 (-0.04, 0.05)	0.002	0.023	0.932	1.96e-03 (-0.04, 0.05)
Q86UE4	MTDH	OID30538	107	-0.007	0.019	0.717	-0.01 (-0.04, 0.03)	0.904	0.001	-0.006	0.034	0.870	-0.01 (-0.07, 0.06)	0.000	0.962	-0.015	0.028	0.604	-0.01 (-0.07, 0.04)	-0.014	0.026	0.592	-0.01 (-0.06, 0.04)
Q8NEB7	ACRBP	OID31385	192	-0.006	0.015	0.718	-0.01 (-0.04, 0.02)	0.904	1.08E-08	-0.008	0.030	0.786	-0.01 (-0.07, 0.05)	0.000	0.920	-0.011	0.025	0.645	-0.01 (-0.06, 0.04)	-0.026	0.024	0.273	-0.03 (-0.07, 0.02)
P49756	RBM25	OID31236	192	-0.004	0.012	0.718	-4.39e-03 (-0.03, 0.02	0.905	0.273	-0.019	0.024	0.427	-0.02 (-0.07, 0.03)	0.001	0.474	-0.017	0.025	0.506	-0.02 (-0.07, 0.03)	-0.026	0.023	0.262	-0.03 (-0.07, 0.02)
Q9NZQ9	TMOD4	OID31246	192	0.004	0.012	0.720	4.35e-03 (-0.02, 0.03)	0.906	0.555	-0.020	0.024	0.399	-0.02 (-0.07, 0.03)	0.002	0.230	-0.028	0.021	0.188	-0.03 (-0.07, 0.01)	-0.026	0.024	0.283	-0.03 (-0.07, 0.02)
Q9Y3C4	TPRKB	OID31234	192	0.004	0.012	0.720	4.36e-03 (-0.02, 0.03)	0.906	0.206	-0.024	0.024	0.334	-0.02 (-0.07, 0.02)	0.002	0.182	-0.032	0.022	0.145	-0.03 (-0.07, 0.01)	-0.031	0.025	0.222	-0.03 (-0.08, 0.02)
P53420	COL4A4	OID31333	192	0.004	0.012	0.721	4.31e-03 (-0.02, 0.03)	0.906	0.485	0.019	0.023	0.425	0.02 (-0.03, 0.06)	-0.001	0.473	0.002	0.024	0.943	1.74e-03 (-0.05, 0.05)	-0.005	0.025	0.838	-0.01 (-0.05, 0.04)
Q6UXK2	ISLR2	OID20889	192	-0.011	0.032	0.721	-0.01 (-0.07, 0.05)	0.906	1.14E-228	0.055	0.062	0.378	0.05 (-0.07, 0.18)	-0.004	0.214	0.039	0.022	0.074	0.04 (-3.88e-03, 0.08)	0.024	0.022	0.274	0.02 (-0.02, 0.07)
Q10588	BST1	OID21051	192	0.003	0.009	0.723	3.17e-03 (-0.01, 0.02)	0.907	2.47E-04	0.015	0.017	0.384	0.02 (-0.02, 0.05)	-0.001	0.421	0.019	0.015	0.201	0.02 (-0.01, 0.05)	0.016	0.014	0.257	0.02 (-0.01, 0.04)
P0DMV8	HSPA1A	OID20718	192	0.005	0.013	0.723	4.74e-03 (-0.02, 0.03)	0.907	0.002	-0.022	0.026	0.388	-0.02 (-0.07, 0.03)	0.002	0.222	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)	-0.015	0.022	0.482	-0.02 (-0.06, 0.03)
Q9ULL4	PLXNB3	OID20160	192	-0.005	0.014	0.722	-4.81e-03 (-0.03, 0.02	0.907	0.002	0.005	0.026	0.860	4.64e-03 (-0.05, 0.06)	-0.001	0.675	0.010	0.020	0.598	0.01 (-0.03, 0.05)	0.008	0.025	0.760	0.01 (-0.04, 0.06)
Q8WTV0	SCARB1	OID20805	192	-0.004	0.012	0.723	-4.30e-03 (-0.03, 0.02	0.907	0.380	-0.022	0.024	0.359	-0.02 (-0.07, 0.02)	0.001	0.390	-0.011	0.020	0.577	-0.01 (-0.05, 0.03)	-0.029	0.023	0.211	-0.03 (-0.07, 0.02)
P00918	CA2	OID21149	192	0.004	0.011	0.723	3.98e-03 (-0.02, 0.03)	0.907	0.300	0.000	0.022	0.997	7.53e-05 (-0.04, 0.04)	0.000	0.839	0.017	0.022	0.431	0.02 (-0.03, 0.06)	0.011	0.022	0.603	0.01 (-0.03, 0.05)
Q96J42	TXNDC15	OID21495	192	-0.005	0.013	0.724	-4.66e-03 (-0.03, 0.02	0.908	1.51E-10	0.008	0.026	0.766	0.01 (-0.04, 0.06)	-0.001	0.575	-0.028	0.018	0.124	-0.03 (-0.06, 0.01)	-0.015	0.019	0.425	-0.02 (-0.05, 0.02)
Q96A49	SYAP1	OID30636	141	0.005	0.015	0.725	0.01 (-0.02, 0.04)	0.909	0.013	-0.011	0.029	0.700	-0.01 (-0.07, 0.05)	0.001	0.496	0.008	0.027	0.771	0.01 (-0.05, 0.06)	-0.001	0.024	0.956	-1.30e-03 (-0.05, 0.05)
Q99447	PCYT2	OID31519	192	-0.005	0.014	0.726	-0.01 (-0.03, 0.02)	0.909	1.31E-05	-0.015	0.028	0.599	-0.01 (-0.07, 0.04)	0.001	0.687	-0.030	0.024	0.205	-0.03 (-0.08, 0.02)	-0.029	0.022	0.180	-0.03 (-0.07, 0.01)
Q676U5	ATG16L1	OID31466	192	-0.005	0.014	0.728	-4.82e-03 (-0.03, 0.02	0.910	1.81E-04	-0.008	0.027	0.769	-0.01 (-0.06, 0.04)	0.000	0.894	0.008	0.022	0.707	0.01 (-0.04, 0.05)	-0.010	0.025	0.693	-0.01 (-0.06, 0.04)
O14867	BACH1	OID20505	192	-0.004	0.012	0.727	-4.05e-03 (-0.03, 0.02	0.910	0.055	0.011	0.024	0.648	0.01 (-0.04, 0.06)	-0.001	0.467	0.013	0.023	0.568	0.01 (-0.03, 0.06)	0.007	0.024	0.765	0.01 (-0.04, 0.05)
P10606	COX5B	OID21297	192	0.005	0.014	0.728	4.73e-03 (-0.02, 0.03)	0.910	0.003	-0.001	0.026	0.979	-7.00e-04 (-0.05, 0.05)	0.000	0.811	-0.003	0.026	0.915	-2.76e-03 (-0.05, 0.05)	-0.012	0.023	0.596	-0.01 (-0.06, 0.03)
P14136	GFAP	OID21247	192	-0.006	0.016	0.728	-0.01 (-0.04, 0.03)	0.910	9.16E-20	0.003	0.031	0.919	3.20e-03 (-0.06, 0.06)	-0.001	0.743	0.015	0.022	0.512	0.01 (-0.03, 0.06)	0.013	0.021	0.540	0.01 (-0.03, 0.05)
P25391	LAMA1	OID30057	192	-0.004	0.012	0.727	-4.21e-03 (-0.03, 0.02	0.910	0.763	0.011	0.023	0.644	0.01 (-0.04, 0.06)	-0.001	0.454	0.000	0.025	0.988	-3.79e-04 (-0.05, 0.05)	-0.012	0.024	0.603	-0.01 (-0.06, 0.03)
P49137	MAPKAPK2	OID31293	192	-0.005	0.013	0.728	-4.51e-03 (-0.03, 0.02	0.910	0.022	-0.012	0.025	0.645	-0.01 (-0.06, 0.04)	0.000	0.742	0.004	0.024	0.861	4.18e-03 (-0.04, 0.05)	-0.006	0.025	0.820	-0.01 (-0.05, 0.04)
Q6P1M0	SLC27A4	OID20814	192	-0.005	0.014	0.728	-4.82e-03 (-0.03, 0.02	0.910	0.001	-0.032	0.027	0.240	-0.03 (-0.08, 0.02)	0.002	0.245	-0.029	0.024	0.216	-0.03 (-0.08, 0.02)	-0.037	0.026	0.151	-0.04 (-0.09, 0.01)
Q4ZHG4	FNDC1	OID31127	192	-0.005	0.014	0.729	-4.90e-03 (-0.03, 0.02	0.910	1.62E-08	-0.073	0.027	0.007	-0.07 (-0.13, -0.02)	0.004	0.003	-0.047	0.018	0.009	-0.05 (-0.08, -0.01)	-0.052	0.021	0.014	-0.05 (-0.09, -0.01)
P41227	NAA10	OID30188	192	-0.004	0.012	0.729	-4.16e-03 (-0.03, 0.02	0.910	0.157	-0.036	0.024	0.140	-0.04 (-0.08, 0.01)	0.002	0.128	-0.039	0.021	0.067	-0.04 (-0.08, 2.76e-03)	-0.036	0.023	0.119	-0.04 (-0.08, 0.01)
Q96PU4	UHRF2	OID30171	192	0.004	0.012	0.729	4.20e-03 (-0.02, 0.03)	0.910	0.358	-0.043	0.024	0.073	-0.04 (-0.09, 3.73e-03)	0.003	0.022	-0.039	0.023	0.083	-0.04 (-0.08, 0.01)	-0.032	0.024	0.184	-0.03 (-0.08, 0.02)
P55008	AIF1	OID21234	192	0.005	0.014	0.731	4.87e-03 (-0.02, 0.03)	0.911	1.45E-04	-0.021	0.027	0.447	-0.02 (-0.07, 0.03)	0.002	0.274	-0.001	0.025	0.982	-5.73e-04 (-0.05, 0.05)	-0.010	0.024	0.696	-0.01 (-0.06, 0.04)
P12104	FABP2	OID20200	192	0.004	0.012	0.732	3.99e-03 (-0.02, 0.03)	0.911	0.300	-0.007	0.023	0.766	-0.01 (-0.05, 0.04)	0.001	0.584	-0.007	0.020	0.744	-0.01 (-0.05, 0.03)	-0.001	0.023	0.953	-1.33e-03 (-0.05, 0.04)
P14625	HSP90B1	OID20829	192	0.004	0.012	0.731	4.18e-03 (-0.02, 0.03)	0.911	0.355	0.030	0.024	0.212	0.03 (-0.02, 0.08)	-0.002	0.209	-0.007	0.024	0.780	-0.01 (-0.05, 0.04)	0.013	0.025	0.597	0.01 (-0.04, 0.06)
P08908	HTR1A	OID30824	192	-0.005	0.013	0.731	-4.56e-03 (-0.03, 0.02	0.911	0.031	-0.017	0.026	0.516	-0.02 (-0.07, 0.03)	0.001	0.581	0.012	0.024	0.621	0.01 (-0.04, 0.06)	0.011	0.024	0.634	0.01 (-0.04, 0.06)
Q92973	TNPO1	OID31330	192	0.004	0.012	0.731	4.13e-03 (-0.02, 0.03)	0.911	0.580	0.019	0.023	0.404	0.02 (-0.03, 0.07)	-0.001	0.443	0.000	0.024	0.997	-1.02e-04 (-0.05, 0.05)	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)
Q5T871	LELP1	OID30845	192	-0.004	0.012	0.732	-4.15e-03 (-0.03, 0.02	0.911	0.494	-0.021	0.024	0.372	-0.02 (-0.07, 0.03)	0.001	0.403	-0.012	0.025	0.617	-0.01 (-0.06, 0.04)	-0.010	0.023	0.673	-0.01 (-0.05, 0.04)
O14841	OPLAH	OID30201	192	0.005	0.014	0.732	4.65e-03 (-0.02, 0.03)	0.911	0.001	-0.012	0.026	0.661	-0.01 (-0.06, 0.04)	0.001	0.473	-0.012	0.024	0.618	-0.01 (-0.06, 0.04)	-0.015	0.023	0.536	-0.01 (-0.06, 0.03)
Q16543	CDC37	OID21470	192	-0.004	0.013	0.734	-4.45e-03 (-0.03, 0.02	0.912	0.009	-0.007	0.025	0.775	-0.01 (-0.06, 0.04)	0.000	0.897	0.000	0.023	0.996	-1.23e-04 (-0.05, 0.05)	-0.011	0.024	0.652	-0.01 (-0.06, 0.04)
P34910	EVI2B	OID31227	192	0.004	0.012	0.734	4.11e-03 (-0.02, 0.03)	0.912	0.322	0.000	0.024	0.999	-4.15e-05 (-0.05, 0.05)	0.000	0.840	-0.021	0.019	0.259	-0.02 (-0.06, 0.02)	-0.041	0.024	0.086	-0.04 (-0.09, 0.01)
Q9NWZ3	IRAK4	OID20577	192	-0.004	0.013	0.734	-4.34e-03 (-0.03, 0.02	0.912	0.041	0.009	0.025	0.731	0.01 (-0.04, 0.06)	-0.001	0.545	0.012	0.022	0.592	0.01 (-0.03, 0.06)	-0.005	0.022	0.807	-0.01 (-0.05, 0.04)
P07711	CTSL	OID20228	192	0.005	0.015	0.735	4.95e-03 (-0.02, 0.03)	0.913	2.46E-08	-0.003	0.028	0.920	-2.84e-03 (-0.06, 0.05)	0.000	0.749	0.006	0.024	0.805	0.01 (-0.04, 0.05)	0.015	0.022	0.499	0.02 (-0.03, 0.06)
Q12841	FSTL1	OID30254	128	-0.006	0.017	0.736	-0.01 (-0.04, 0.03)	0.913	2.90E-04	-0.043	0.032	0.176	-0.04 (-0.10, 0.02)	0.002	0.163	-0.019	0.028	0.486	-0.02 (-0.07, 0.03)	-0.034	0.026	0.197	-0.03 (-0.09, 0.02)
Q9BQR3	PRSS27	OID20212	192	-0.004	0.013	0.736	-4.24e-03 (-0.03, 0.02	0.914	2.73E-04	0.022	0.024	0.366	0.02 (-0.03, 0.07)	-0.002	0.209	0.024	0.021	0.236	0.02 (-0.02, 0.06)	0.023	0.022	0.308	0.02 (-0.02, 0.07)
P78318	IGBP1	OID31059	192	0.004	0.012	0.738	3.88e-03 (-0.02, 0.03)	0.915	0.051	0.012	0.024	0.615	0.01 (-0.04, 0.06)	-0.001	0.688	0.020	0.023	0.376	0.02 (-0.02, 0.07)	0.010	0.022	0.633	0.01 (-0.03, 0.05)
Q9UPW0	FOXJ3	OID30445	192	0.004	0.013	0.739	4.37e-03 (-0.02, 0.03)	0.916	0.022	-0.003	0.025	0.919	-2.60e-03 (-0.05, 0.05)	0.000	0.750	-0.004	0.025	0.878	-3.87e-03 (-0.05, 0.05)	-0.005	0.025	0.838	-0.01 (-0.05, 0.04)
Q99259	GAD1	OID31166	192	0.004	0.012	0.739	4.06e-03 (-0.02, 0.03)	0.916	0.813	0.003	0.024	0.885	3.43e-03 (-0.04, 0.05)	0.000	0.975	-0.014	0.022	0.542	-0.01 (-0.06, 0.03)	-0.008	0.025	0.736	-0.01 (-0.06, 0.04)
P09382	LGALS1	OID20154	192	0.005	0.014	0.740	4.76e-03 (-0.02, 0.03)	0.917	7.06E-07	-0.083	0.027	0.002	-0.08 (-0.14, -0.03)	0.006	1.96E-04	-0.009	0.025	0.724	-0.01 (-0.06, 0.04)	-0.016	0.022	0.473	-0.02 (-0.06, 0.03)
Q96PD5	PGLYRP2	OID30742	192	-0.003	0.010	0.741	-3.27e-03 (-0.02, 0.02	0.917	2.82E-04	-0.029	0.019	0.125	-0.03 (-0.07, 0.01)	0.002	0.112	-0.002	0.018	0.905	-2.12e-03 (-0.04, 0.03)	-0.013	0.016	0.410	-0.01 (-0.04, 0.02)
P07741	APRT	OID20927	192	0.005	0.014	0.741	4.55e-03 (-0.02, 0.03)	0.917	1.80E-04	-0.002	0.027	0.947	-1.78e-03 (-0.05, 0.05)	0.000	0.783	0.008	0.024	0.753	0.01 (-0.04, 0.06)	0.000	0.025	0.989	-3.53e-04 (-0.05, 0.05)
Q9BXN1	ASPN	OID30315	192	-0.004	0.012	0.741	-4.05e-03 (-0.03, 0.02	0.917	0.041	-0.015	0.024	0.516	-0.02 (-0.06, 0.03)	0.001	0.576	-0.033	0.022	0.134	-0.03 (-0.08, 0.01)	-0.030	0.025	0.233	-0.03 (-0.08, 0.02)
Q9P2X3	IMPACT	OID31112	192	-0.004	0.012	0.742	-3.80e-03 (-0.03, 0.02	0.917	0.334	-0.010	0.023	0.659	-0.01 (-0.05, 0.03)	0.000	0.748	-0.012	0.024	0.622	-0.01 (-0.06, 0.03)	-0.023	0.025	0.350	-0.02 (-0.07, 0.03)
P35613	BSG	OID20626	192	-0.005	0.016	0.743	-0.01 (-0.04, 0.03)	0.919	3.87E-17	-0.039	0.032	0.227	-0.04 (-0.10, 0.02)	0.002	0.225	-0.017	0.024	0.480	-0.02 (-0.06, 0.03)	-0.020	0.021	0.358	-0.02 (-0.06, 0.02)
O14579	COPE	OID20797	192	0.004	0.012	0.744	3.95e-03 (-0.02, 0.03)	0.919	0.062	0.004	0.025	0.860	4.46e-03 (-0.05, 0.05)	0.000	0.981	0.012	0.020	0.555	0.01 (-0.03, 0.05)	0.010	0.025	0.693	0.01 (-0.04, 0.06)
A7E2Y1	MYH7B	OID31178	192	-0.004	0.012	0.744	-3.98e-03 (-0.03, 0.02	0.919	0.494	0.001	0.024	0.968	9.35e-04 (-0.05, 0.05)	0.000	0.808	-0.012	0.023	0.619	-0.01 (-0.06, 0.03)	0.003	0.023	0.890	3.14e-03 (-0.04, 0.05)
Q03252	LMNB2	OID31109	192	0.005	0.014	0.745	4.59e-03 (-0.02, 0.03)	0.919	2.02E-06	-0.080	0.026	0.003	-0.08 (-0.13, -0.03)	0.005	2.53E-04	-0.045	0.022	0.042	-0.04 (-0.09, -1.58e-03)	-0.038	0.025	0.121	-0.04 (-0.09, 0.01)
Q8IZC4	RTKN2	OID30049	192	0.004	0.012	0.745	3.94e-03 (-0.02, 0.03)	0.919	0.958	-0.012	0.023	0.614	-0.01 (-0.06, 0.03)	0.001	0.433	0.008	0.023	0.717	0.01 (-0.04, 0.05)	0.000	0.021	0.998	-4.17e-05 (-0.04, 0.04)
Q9P000	COMMD9	OID31390	192	-0.004	0.012	0.745	-3.84e-03 (-0.03, 0.02	0.919	0.184	0.010	0.024	0.686	0.01 (-0.04, 0.06)	-0.001	0.510	-0.006	0.024	0.797	-0.01 (-0.05, 0.04)	-0.002	0.023	0.930	-1.97e-03 (-0.05, 0.04)
P00915	CA1	OID20409	192	-0.004	0.011	0.749	-3.65e-03 (-0.03, 0.02	0.922	0.728	-0.004	0.022	0.866	-3.72e-03 (-0.05, 0.04)	0.000	0.997	0.008	0.023	0.722	0.01 (-0.04, 0.05)	0.001	0.021	0.973	6.89e-04 (-0.04, 0.04)
Q96SD1	DCLRE1C	OID31240	192	0.004	0.012	0.750	3.89e-03 (-0.02, 0.03)	0.922	0.616	-0.016	0.024	0.508	-0.02 (-0.06, 0.03)	0.001	0.335	-0.020	0.021	0.336	-0.02 (-0.06, 0.02)	-0.039	0.025	0.121	-0.04 (-0.09, 0.01)
P36776	LONP1	OID30219	192	0.004	0.014	0.749	4.45e-03 (-0.02, 0.03)	0.922	3.99E-04	-0.003	0.027	0.898	-3.47e-03 (-0.06, 0.05)	0.001	0.733	-0.013	0.024	0.584	-0.01 (-0.06, 0.03)	-0.009	0.022	0.697	-0.01 (-0.05, 0.04)
P50579	METAP2	OID21437	192	0.004	0.013	0.749	4.27e-03 (-0.02, 0.03)	0.922	0.003	-0.019	0.026	0.474	-0.02 (-0.07, 0.03)	0.001	0.304	-0.016	0.023	0.494	-0.02 (-0.06, 0.03)	-0.018	0.022	0.414	-0.02 (-0.06, 0.03)
P15531	NME1	OID30451	192	-0.004	0.012	0.749	-3.87e-03 (-0.03, 0.02	0.922	0.536	0.009	0.023	0.711	0.01 (-0.04, 0.05)	-0.001	0.532	-0.021	0.024	0.377	-0.02 (-0.07, 0.03)	-0.025	0.026	0.338	-0.02 (-0.07, 0.03)
P46937	YAP1	OID31113	192	0.004	0.014	0.750	4.34e-03 (-0.02, 0.03)	0.922	1.82E-07	-0.071	0.026	0.006	-0.07 (-0.12, -0.02)	0.005	0.001	-0.046	0.019	0.018	-0.05 (-0.08, -0.01)	-0.046	0.024	0.056	-0.05 (-0.09, 9.57e-04)
P24864	CCNE1	OID30456	192	0.004	0.014	0.752	4.30e-03 (-0.02, 0.03)	0.923	0.006	0.028	0.026	0.284	0.03 (-0.02, 0.08)	-0.002	0.288	-0.012	0.024	0.610	-0.01 (-0.06, 0.04)	-0.006	0.026	0.821	-0.01 (-0.06, 0.05)
Q86TM3	DDX53	OID30944	192	0.004	0.012	0.752	3.83e-03 (-0.02, 0.03)	0.923	0.347	-0.018	0.024	0.458	-0.02 (-0.06, 0.03)	0.001	0.292	-0.022	0.021	0.293	-0.02 (-0.06, 0.02)	-0.022	0.024	0.342	-0.02 (-0.07, 0.02)
Q96P31	FCRL3	OID20443	192	0.003	0.010	0.752	3.17e-03 (-0.02, 0.02)	0.923	0.006	-0.022	0.019	0.249	-0.02 (-0.06, 0.02)	0.002	0.124	-0.018	0.016	0.240	-0.02 (-0.05, 0.01)	-0.034	0.020	0.099	-0.03 (-0.07, 0.01)
P59901	LILRA4	OID30162	192	0.004	0.012	0.752	3.82e-03 (-0.02, 0.03)	0.923	0.595	-0.007	0.023	0.772	-0.01 (-0.05, 0.04)	0.001	0.597	-0.018	0.020	0.356	-0.02 (-0.06, 0.02)	-0.060	0.027	0.025	-0.06 (-0.11, -0.01)
O43278	SPINT1	OID21109	192	-0.004	0.014	0.750	-4.34e-03 (-0.03, 0.02	0.923	3.20E-04	0.008	0.026	0.751	0.01 (-0.04, 0.06)	-0.001	0.574	-0.002	0.024	0.935	-1.98e-03 (-0.05, 0.05)	-0.004	0.023	0.854	-4.31e-03 (-0.05, 0.04)
Q2TAL6	VWC2	OID20936	192	-0.004	0.013	0.751	-4.27e-03 (-0.03, 0.02	0.923	4.97E-08	-0.048	0.026	0.062	-0.05 (-0.10, 2.20e-03)	0.003	0.047	-0.024	0.022	0.282	-0.02 (-0.07, 0.02)	-0.029	0.020	0.151	-0.03 (-0.07, 0.01)
Q9UHV9	PFDN2	OID20892	192	-0.004	0.012	0.753	-3.79e-03 (-0.03, 0.02	0.924	0.195	-0.004	0.024	0.877	-3.78e-03 (-0.05, 0.04)	0.000	1.000	0.016	0.024	0.515	0.02 (-0.03, 0.06)	0.005	0.027	0.852	4.96e-03 (-0.05, 0.06)
O94985	CLSTN1	OID20874	192	0.004	0.014	0.754	4.35e-03 (-0.02, 0.03)	0.925	0.002	0.012	0.027	0.664	0.01 (-0.04, 0.06)	0.000	0.750	0.017	0.025	0.482	0.02 (-0.03, 0.07)	0.017	0.024	0.470	0.02 (-0.03, 0.06)
Q8TE77	SSH3	OID31216	192	-0.004	0.013	0.755	-4.16e-03 (-0.03, 0.02	0.926	0.023	-0.013	0.026	0.614	-0.01 (-0.06, 0.04)	0.001	0.688	-0.017	0.020	0.411	-0.02 (-0.06, 0.02)	-0.034	0.026	0.192	-0.03 (-0.08, 0.02)
O60242	ADGRB3	OID20974	192	-0.003	0.009	0.756	-2.76e-03 (-0.02, 0.01	0.926	0.023	0.029	0.017	0.086	0.03 (-3.92e-03, 0.06)	-0.002	0.028	0.012	0.016	0.465	0.01 (-0.02, 0.04)	0.016	0.016	0.326	0.02 (-0.02, 0.05)
P26441	CNTF	OID30807	192	0.004	0.012	0.757	3.76e-03 (-0.02, 0.03)	0.926	0.343	-0.021	0.024	0.385	-0.02 (-0.07, 0.03)	0.002	0.232	-0.002	0.025	0.936	-2.01e-03 (-0.05, 0.05)	0.005	0.023	0.826	0.01 (-0.04, 0.05)
Q9H293	IL25	OID31243	192	-0.004	0.012	0.757	-3.77e-03 (-0.03, 0.02	0.926	0.796	0.000	0.024	0.998	5.66e-05 (-0.05, 0.05)	0.000	0.850	-0.019	0.024	0.427	-0.02 (-0.07, 0.03)	-0.015	0.025	0.559	-0.01 (-0.06, 0.03)
Q8IYS2	KIAA2013	OID31392	192	0.004	0.012	0.757	3.70e-03 (-0.02, 0.03)	0.926	0.283	0.005	0.024	0.822	0.01 (-0.04, 0.05)	0.000	0.935	-0.019	0.023	0.395	-0.02 (-0.06, 0.02)	-0.012	0.025	0.621	-0.01 (-0.06, 0.04)
Q5R372	RABGAP1L	OID20447	192	0.004	0.012	0.756	3.64e-03 (-0.02, 0.03)	0.926	0.089	0.006	0.024	0.791	0.01 (-0.04, 0.05)	0.000	0.892	0.003	0.024	0.906	2.81e-03 (-0.04, 0.05)	-0.007	0.024	0.781	-0.01 (-0.05, 0.04)
Q9UNY4	TTF2	OID30942	192	0.004	0.012	0.757	3.60e-03 (-0.02, 0.03)	0.926	0.126	-0.011	0.024	0.634	-0.01 (-0.06, 0.04)	0.001	0.465	-0.012	0.025	0.621	-0.01 (-0.06, 0.04)	0.000	0.025	0.993	2.12e-04 (-0.05, 0.05)
P78410	BTN3A2	OID20540	192	0.004	0.012	0.758	3.67e-03 (-0.02, 0.03)	0.926	0.001	-0.003	0.023	0.909	-2.65e-03 (-0.05, 0.04)	0.000	0.749	0.005	0.022	0.804	0.01 (-0.04, 0.05)	0.012	0.021	0.576	0.01 (-0.03, 0.05)
Q6PKG0	LARP1	OID31372	192	0.004	0.012	0.761	3.56e-03 (-0.02, 0.03)	0.930	0.074	-0.018	0.024	0.457	-0.02 (-0.07, 0.03)	0.001	0.299	-0.002	0.024	0.933	-1.99e-03 (-0.05, 0.04)	-0.004	0.024	0.865	-4.00e-03 (-0.05, 0.04)
P40925	MDH1	OID30669	192	0.004	0.013	0.762	3.89e-03 (-0.02, 0.03)	0.931	0.017	-0.006	0.025	0.825	-0.01 (-0.05, 0.04)	0.001	0.660	-0.004	0.024	0.859	-4.25e-03 (-0.05, 0.04)	-0.011	0.024	0.641	-0.01 (-0.06, 0.04)
P09923	ALPI	OID30497	192	-0.016	0.055	0.763	-0.02 (-0.12, 0.09)	0.931	0.00E+00	0.013	0.106	0.900	0.01 (-0.19, 0.22)	-0.002	0.742	0.021	0.020	0.283	0.02 (-0.02, 0.06)	0.034	0.022	0.116	0.03 (-0.01, 0.08)
P30101	PDIA3	OID30573	192	0.004	0.012	0.764	3.60e-03 (-0.02, 0.03)	0.931	0.144	0.006	0.025	0.799	0.01 (-0.04, 0.05)	0.000	0.900	-0.006	0.025	0.795	-0.01 (-0.06, 0.04)	-0.012	0.024	0.635	-0.01 (-0.06, 0.04)
Q7LG56	RRM2B	OID21174	192	-0.004	0.014	0.763	-4.20e-03 (-0.03, 0.02	0.931	4.83E-04	-0.017	0.027	0.534	-0.02 (-0.07, 0.04)	0.001	0.586	-0.008	0.024	0.733	-0.01 (-0.06, 0.04)	-0.010	0.022	0.640	-0.01 (-0.05, 0.03)
O95295	SNAPIN	OID31019	192	-0.004	0.013	0.764	-3.89e-03 (-0.03, 0.02	0.931	0.014	-0.033	0.025	0.186	-0.03 (-0.08, 0.02)	0.002	0.173	-0.023	0.022	0.296	-0.02 (-0.07, 0.02)	-0.007	0.024	0.772	-0.01 (-0.05, 0.04)
Q9Y5K8	ATP6V1D	OID21341	192	-0.004	0.012	0.769	-3.51e-03 (-0.03, 0.02	0.932	0.191	-0.021	0.024	0.389	-0.02 (-0.07, 0.03)	0.001	0.402	0.013	0.024	0.589	0.01 (-0.03, 0.06)	-0.003	0.026	0.898	-3.32e-03 (-0.05, 0.05)
Q9H6S1	AZI2	OID31056	192	-0.004	0.014	0.769	-4.01e-03 (-0.03, 0.02	0.932	2.03E-04	-0.014	0.027	0.601	-0.01 (-0.07, 0.04)	0.001	0.664	0.011	0.024	0.647	0.01 (-0.04, 0.06)	-0.004	0.024	0.884	-3.54e-03 (-0.05, 0.04)
Q7Z569	BRAP	OID31506	192	-0.004	0.013	0.765	-3.94e-03 (-0.03, 0.02	0.932	0.006	-0.003	0.026	0.901	-3.20e-03 (-0.05, 0.05)	0.000	0.973	-0.008	0.024	0.736	-0.01 (-0.06, 0.04)	-0.010	0.023	0.676	-0.01 (-0.05, 0.04)
Q8WTQ1;Q	DEFB104B;DE	OID30849	192	-0.004	0.012	0.767	-3.61e-03 (-0.03, 0.02	0.932	0.034	0.023	0.024	0.325	0.02 (-0.02, 0.07)	-0.002	0.185	0.011	0.023	0.635	0.01 (-0.03, 0.06)	0.003	0.022	0.896	2.84e-03 (-0.04, 0.05)
P33316	DUT	OID31457	192	0.004	0.014	0.771	4.21e-03 (-0.02, 0.03)	0.932	7.60E-06	0.007	0.028	0.799	0.01 (-0.05, 0.06)	0.000	0.902	-0.015	0.022	0.478	-0.02 (-0.06, 0.03)	-0.005	0.024	0.817	-0.01 (-0.05, 0.04)
Q5JZY3	EPHA10	OID20840	192	-0.004	0.012	0.769	-3.55e-03 (-0.03, 0.02	0.932	0.955	0.020	0.023	0.400	0.02 (-0.03, 0.07)	-0.001	0.246	0.017	0.023	0.463	0.02 (-0.03, 0.06)	0.013	0.023	0.579	0.01 (-0.03, 0.06)
Q96LA6	FCRL1	OID20172	192	0.004	0.015	0.767	4.44e-03 (-0.02, 0.03)	0.932	7.48E-11	-0.034	0.029	0.245	-0.03 (-0.09, 0.02)	0.002	0.125	-0.015	0.022	0.503	-0.01 (-0.06, 0.03)	-0.006	0.021	0.765	-0.01 (-0.05, 0.03)
Q14353	GAMT	OID30133	192	0.004	0.012	0.770	3.55e-03 (-0.02, 0.03)	0.932	0.716	0.008	0.024	0.746	0.01 (-0.04, 0.05)	0.000	0.840	0.008	0.024	0.731	0.01 (-0.04, 0.06)	0.004	0.023	0.869	3.83e-03 (-0.04, 0.05)
Q9NZH8	IL36G	OID30551	192	-0.003	0.012	0.770	-3.50e-03 (-0.03, 0.02	0.932	0.208	-0.017	0.024	0.489	-0.02 (-0.06, 0.03)	0.001	0.523	-0.016	0.022	0.468	-0.02 (-0.06, 0.03)	-0.016	0.024	0.512	-0.02 (-0.06, 0.03)
Q9H2W6	MRPL46	OID20858	192	0.004	0.012	0.770	3.53e-03 (-0.02, 0.03)	0.932	0.268	-0.010	0.024	0.681	-0.01 (-0.06, 0.04)	0.001	0.516	-0.011	0.024	0.666	-0.01 (-0.06, 0.04)	-0.011	0.023	0.626	-0.01 (-0.06, 0.03)
Q8TCD5	NT5C	OID30294	192	-0.004	0.013	0.771	-3.93e-03 (-0.03, 0.02	0.932	4.61E-06	0.008	0.026	0.770	0.01 (-0.04, 0.06)	-0.001	0.606	0.005	0.022	0.806	0.01 (-0.04, 0.05)	-0.004	0.019	0.821	-4.36e-03 (-0.04, 0.03)
Q9UKK9	NUDT5	OID21115	192	0.004	0.014	0.768	4.10e-03 (-0.02, 0.03)	0.932	1.05E-04	0.003	0.027	0.901	3.38e-03 (-0.05, 0.06)	0.000	0.975	-0.007	0.025	0.768	-0.01 (-0.06, 0.04)	-0.024	0.024	0.324	-0.02 (-0.07, 0.02)
Q6UWF7	NXPE4	OID30076	192	-0.004	0.012	0.771	-3.54e-03 (-0.03, 0.02	0.932	0.787	-0.028	0.024	0.243	-0.03 (-0.07, 0.02)	0.002	0.234	-0.026	0.023	0.257	-0.03 (-0.07, 0.02)	-0.016	0.024	0.513	-0.02 (-0.06, 0.03)
P13861	PRKAR2A	OID31119	192	0.004	0.014	0.767	4.18e-03 (-0.02, 0.03)	0.932	2.81E-05	-0.006	0.027	0.821	-0.01 (-0.06, 0.05)	0.001	0.658	-0.005	0.025	0.844	-4.89e-03 (-0.05, 0.04)	-0.009	0.023	0.711	-0.01 (-0.05, 0.04)
Q16769	QPCT	OID20320	192	-0.004	0.014	0.771	-4.12e-03 (-0.03, 0.02	0.932	2.87E-06	-0.032	0.027	0.250	-0.03 (-0.09, 0.02)	0.002	0.243	-0.011	0.024	0.642	-0.01 (-0.06, 0.04)	-0.020	0.022	0.370	-0.02 (-0.06, 0.02)
O95980	RECK	OID30234	192	0.004	0.014	0.771	3.97e-03 (-0.02, 0.03)	0.932	7.42E-06	0.012	0.026	0.647	0.01 (-0.04, 0.06)	-0.001	0.719	0.016	0.022	0.456	0.02 (-0.03, 0.06)	-0.001	0.021	0.970	-7.73e-04 (-0.04, 0.04)
Q9BW04	C1orf116	OID30331	192	-0.004	0.013	0.768	-3.80e-03 (-0.03, 0.02	0.932	0.019	-0.011	0.025	0.650	-0.01 (-0.06, 0.04)	0.000	0.725	-0.001	0.024	0.975	-7.46e-04 (-0.05, 0.05)	-0.008	0.023	0.741	-0.01 (-0.05, 0.04)
P51531	SMARCA2	OID20796	192	0.004	0.012	0.766	3.57e-03 (-0.02, 0.03)	0.932	0.155	-0.020	0.024	0.420	-0.02 (-0.07, 0.03)	0.001	0.267	0.000	0.024	0.986	4.13e-04 (-0.05, 0.05)	-0.012	0.023	0.593	-0.01 (-0.06, 0.03)
P35625	TIMP3	OID20684	192	0.004	0.013	0.771	3.90e-03 (-0.02, 0.03)	0.932	1.52E-07	-0.003	0.026	0.922	-2.53e-03 (-0.05, 0.05)	0.000	0.773	-0.006	0.021	0.786	-0.01 (-0.05, 0.04)	-0.002	0.021	0.906	-2.42e-03 (-0.04, 0.04)
Q13509	TUBB3	OID30799	192	-0.004	0.013	0.767	-3.92e-03 (-0.03, 0.02	0.932	0.029	-0.002	0.026	0.941	-1.90e-03 (-0.05, 0.05)	0.000	0.927	0.013	0.024	0.596	0.01 (-0.03, 0.06)	0.006	0.026	0.826	0.01 (-0.05, 0.06)
B0FP48	UPK3BL1	OID31281	192	0.004	0.012	0.771	3.52e-03 (-0.02, 0.03)	0.932	0.067	0.024	0.025	0.333	0.02 (-0.02, 0.07)	-0.001	0.333	-0.013	0.024	0.595	-0.01 (-0.06, 0.03)	-0.009	0.024	0.693	-0.01 (-0.06, 0.04)
Q96K21	ZFYVE19	OID31452	192	0.004	0.014	0.769	4.13e-03 (-0.02, 0.03)	0.932	7.94E-06	0.009	0.027	0.745	0.01 (-0.04, 0.06)	0.000	0.839	0.003	0.024	0.897	3.09e-03 (-0.04, 0.05)	0.000	0.022	1.000	-9.93e-06 (-0.04, 0.04)
Q9HAW4	CLSPN	OID20831	192	-0.004	0.012	0.772	-3.50e-03 (-0.03, 0.02	0.932	0.510	-0.021	0.023	0.382	-0.02 (-0.07, 0.03)	0.001	0.397	-0.025	0.023	0.263	-0.03 (-0.07, 0.02)	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)
P00746	CFD	OID30738	192	-0.004	0.014	0.773	-3.91e-03 (-0.03, 0.02	0.933	1.11E-04	-0.075	0.026	0.004	-0.07 (-0.12, -0.02)	0.004	0.002	-0.046	0.022	0.035	-0.05 (-0.09, -3.15e-03)	-0.039	0.023	0.089	-0.04 (-0.08, 0.01)
P0DPI2	GATD3	OID30253	192	-0.004	0.014	0.774	-4.15e-03 (-0.03, 0.02	0.933	3.70E-05	-0.038	0.028	0.171	-0.04 (-0.09, 0.02)	0.002	0.154	-0.032	0.024	0.187	-0.03 (-0.08, 0.02)	-0.059	0.024	0.016	-0.06 (-0.11, -0.01)
P30613	PKLR	OID20682	192	-0.003	0.011	0.774	-3.29e-03 (-0.03, 0.02	0.933	0.288	0.015	0.023	0.522	0.01 (-0.03, 0.06)	-0.001	0.360	0.005	0.023	0.840	4.66e-03 (-0.04, 0.05)	0.010	0.022	0.670	0.01 (-0.03, 0.05)
Q9H4P4	RNF41	OID21179	192	0.004	0.013	0.774	3.71e-03 (-0.02, 0.03)	0.934	0.028	-0.002	0.025	0.928	-2.27e-03 (-0.05, 0.05)	0.000	0.781	-0.008	0.025	0.732	-0.01 (-0.06, 0.04)	-0.008	0.025	0.747	-0.01 (-0.06, 0.04)
P19320	VCAM1	OID20396	192	0.004	0.014	0.775	4.14e-03 (-0.02, 0.03)	0.934	3.85E-07	-0.012	0.028	0.677	-0.01 (-0.07, 0.04)	0.001	0.510	0.002	0.025	0.920	2.45e-03 (-0.05, 0.05)	0.007	0.022	0.771	0.01 (-0.04, 0.05)
Q9NQ48	LZTFL1	OID30637	192	0.004	0.013	0.775	3.76e-03 (-0.02, 0.03)	0.934	0.014	0.003	0.026	0.914	2.76e-03 (-0.05, 0.05)	0.000	0.964	0.011	0.024	0.633	0.01 (-0.04, 0.06)	-0.005	0.024	0.848	-4.55e-03 (-0.05, 0.04)
Q14554	PDIA5	OID31209	192	-0.003	0.012	0.776	-3.39e-03 (-0.03, 0.02	0.934	0.470	-0.032	0.023	0.168	-0.03 (-0.08, 0.01)	0.002	0.151	-0.022	0.024	0.345	-0.02 (-0.07, 0.02)	-0.030	0.024	0.211	-0.03 (-0.08, 0.02)
Q9H7C9	AAMDC	OID30236	192	0.003	0.012	0.776	3.38e-03 (-0.02, 0.03)	0.935	0.012	-0.010	0.023	0.670	-0.01 (-0.06, 0.04)	0.001	0.504	0.004	0.023	0.870	3.75e-03 (-0.04, 0.05)	-0.011	0.021	0.611	-0.01 (-0.05, 0.03)
P49662	CASP4	OID31276	192	-0.003	0.012	0.777	-3.40e-03 (-0.03, 0.02	0.935	0.244	-0.006	0.024	0.815	-0.01 (-0.05, 0.04)	0.000	0.913	-0.026	0.022	0.228	-0.03 (-0.07, 0.02)	-0.018	0.024	0.452	-0.02 (-0.07, 0.03)
Q9P2T1	GMPR2	OID30623	192	0.004	0.014	0.777	3.87e-03 (-0.02, 0.03)	0.935	0.001	0.015	0.027	0.570	0.02 (-0.04, 0.07)	-0.001	0.622	0.015	0.023	0.498	0.02 (-0.03, 0.06)	-0.002	0.022	0.946	-1.53e-03 (-0.05, 0.04)
Q9Y223	GNE	OID21231	192	-0.004	0.014	0.778	-3.94e-03 (-0.03, 0.02	0.935	3.79E-04	-0.010	0.027	0.722	-0.01 (-0.06, 0.04)	0.000	0.806	-0.011	0.025	0.652	-0.01 (-0.06, 0.04)	-0.026	0.024	0.282	-0.03 (-0.07, 0.02)
Q09666	AHNAK	OID30260	192	0.004	0.014	0.780	3.85e-03 (-0.02, 0.03)	0.937	1.07E-04	-0.051	0.026	0.052	-0.05 (-0.10, 7.04e-05)	0.003	0.015	-0.022	0.020	0.276	-0.02 (-0.06, 0.02)	-0.015	0.023	0.505	-0.02 (-0.06, 0.03)
P01266	TG	OID31359	192	0.004	0.014	0.780	3.99e-03 (-0.02, 0.03)	0.937	2.26E-06	0.005	0.028	0.861	4.86e-03 (-0.05, 0.06)	0.000	0.971	-0.004	0.025	0.883	-3.73e-03 (-0.05, 0.05)	-0.012	0.023	0.608	-0.01 (-0.06, 0.03)
Q8IXQ3	C9orf40	OID31489	192	-0.003	0.011	0.783	-3.15e-03 (-0.03, 0.02	0.938	0.886	0.002	0.022	0.918	2.28e-03 (-0.04, 0.05)	0.000	0.775	0.001	0.024	0.978	6.47e-04 (-0.05, 0.05)	0.001	0.023	0.963	1.08e-03 (-0.04, 0.05)
O75794	CDC123	OID31242	192	-0.003	0.012	0.782	-3.36e-03 (-0.03, 0.02	0.938	0.139	0.031	0.025	0.218	0.03 (-0.02, 0.08)	-0.002	0.111	0.003	0.026	0.897	3.32e-03 (-0.05, 0.05)	0.003	0.025	0.894	3.32e-03 (-0.05, 0.05)
Q86SX6	GLRX5	OID30663	192	-0.004	0.013	0.784	-3.70e-03 (-0.03, 0.02	0.938	0.006	-0.001	0.026	0.977	-7.53e-04 (-0.05, 0.05)	0.000	0.896	-0.008	0.025	0.745	-0.01 (-0.06, 0.04)	-0.026	0.024	0.267	-0.03 (-0.07, 0.02)
Q6YN16	HSDL2	OID30256	192	-0.004	0.013	0.783	-3.54e-03 (-0.03, 0.02	0.938	6.72E-05	-0.041	0.025	0.099	-0.04 (-0.09, 0.01)	0.002	0.079	-0.037	0.018	0.040	-0.04 (-0.07, -1.69e-03)	-0.039	0.020	0.049	-0.04 (-0.08, -3.83e-04)
Q8IU54	IFNL1	OID20795	192	0.003	0.012	0.782	3.32e-03 (-0.02, 0.03)	0.938	0.308	0.014	0.024	0.571	0.01 (-0.03, 0.06)	-0.001	0.617	0.023	0.024	0.330	0.02 (-0.02, 0.07)	0.025	0.023	0.287	0.03 (-0.02, 0.07)
P29536	LMOD1	OID30547	192	-0.003	0.012	0.783	-3.28e-03 (-0.03, 0.02	0.938	0.026	-0.009	0.023	0.689	-0.01 (-0.05, 0.04)	0.000	0.762	0.001	0.022	0.960	1.09e-03 (-0.04, 0.04)	0.003	0.023	0.906	2.74e-03 (-0.04, 0.05)
Q13442	PDAP1	OID30323	192	-0.004	0.014	0.783	-3.72e-03 (-0.03, 0.02	0.938	0.002	-0.028	0.026	0.290	-0.03 (-0.08, 0.02)	0.002	0.285	-0.021	0.023	0.359	-0.02 (-0.07, 0.02)	-0.023	0.023	0.327	-0.02 (-0.07, 0.02)
O60235	TMPRSS11D	OID31103	192	0.003	0.012	0.783	3.18e-03 (-0.02, 0.03)	0.938	0.113	0.010	0.024	0.679	0.01 (-0.04, 0.06)	0.000	0.743	-0.011	0.023	0.635	-0.01 (-0.05, 0.03)	-0.007	0.022	0.757	-0.01 (-0.05, 0.04)
Q7Z739	YTHDF3	OID20478	192	0.004	0.015	0.781	4.11e-03 (-0.02, 0.03)	0.938	2.21E-06	-0.013	0.029	0.645	-0.01 (-0.07, 0.04)	0.001	0.481	0.005	0.026	0.847	0.01 (-0.05, 0.06)	-0.004	0.025	0.888	-3.55e-03 (-0.05, 0.05)
P04217	A1BG	OID30771	192	-0.004	0.014	0.785	-3.76e-03 (-0.03, 0.02	0.938	6.94E-07	-0.023	0.027	0.393	-0.02 (-0.08, 0.03)	0.001	0.405	-0.009	0.023	0.707	-0.01 (-0.05, 0.04)	-0.004	0.022	0.873	-3.53e-03 (-0.05, 0.04)
P08962	CD63	OID20988	192	-0.004	0.014	0.785	-3.83e-03 (-0.03, 0.02	0.938	1.23E-04	-0.044	0.027	0.102	-0.04 (-0.10, 0.01)	0.003	0.081	-0.023	0.024	0.341	-0.02 (-0.07, 0.02)	-0.013	0.021	0.556	-0.01 (-0.05, 0.03)
O95644	NFATC1	OID20545	192	-0.003	0.011	0.784	-3.14e-03 (-0.03, 0.02	0.938	0.065	0.005	0.024	0.844	4.73e-03 (-0.04, 0.05)	0.000	0.702	-0.002	0.023	0.928	-2.06e-03 (-0.05, 0.04)	-0.011	0.023	0.651	-0.01 (-0.06, 0.04)
Q96PL5	ERMAP	OID30539	192	0.004	0.015	0.785	4.09e-03 (-0.03, 0.03)	0.938	3.90E-13	-0.029	0.029	0.319	-0.03 (-0.09, 0.03)	0.002	0.185	-0.028	0.021	0.178	-0.03 (-0.07, 0.01)	-0.030	0.021	0.163	-0.03 (-0.07, 0.01)
P48730	CSNK1D	OID30492	192	0.004	0.014	0.786	3.76e-03 (-0.02, 0.03)	0.939	0.001	0.006	0.027	0.820	0.01 (-0.05, 0.06)	0.000	0.919	-0.018	0.022	0.419	-0.02 (-0.06, 0.03)	-0.014	0.024	0.548	-0.01 (-0.06, 0.03)
Q9BQI0	AIF1L	OID30204	192	0.003	0.013	0.799	3.25e-03 (-0.02, 0.03)	0.939	0.046	-0.009	0.025	0.720	-0.01 (-0.06, 0.04)	0.001	0.568	-0.026	0.023	0.258	-0.03 (-0.07, 0.02)	-0.021	0.021	0.326	-0.02 (-0.06, 0.02)
O95841	ANGPTL1	OID20211	192	0.004	0.016	0.800	4.00e-03 (-0.03, 0.03)	0.939	1.75E-13	0.004	0.031	0.886	4.41e-03 (-0.06, 0.06)	0.000	0.988	0.013	0.023	0.572	0.01 (-0.03, 0.06)	0.007	0.021	0.754	0.01 (-0.04, 0.05)
O00203	AP3B1	OID31478	192	0.003	0.013	0.795	3.46e-03 (-0.02, 0.03)	0.939	0.004	-0.014	0.026	0.579	-0.01 (-0.06, 0.04)	0.001	0.422	-0.020	0.022	0.362	-0.02 (-0.06, 0.02)	-0.020	0.022	0.364	-0.02 (-0.06, 0.02)
O75787	ATP6AP2	OID21178	192	0.003	0.012	0.802	3.02e-03 (-0.02, 0.03)	0.939	0.083	-0.002	0.025	0.924	-2.38e-03 (-0.05, 0.05)	0.000	0.801	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)	-0.008	0.024	0.723	-0.01 (-0.05, 0.04)
P42574	CASP3	OID20305	192	-0.004	0.013	0.787	-3.63e-03 (-0.03, 0.02	0.939	0.001	0.005	0.026	0.850	4.94e-03 (-0.05, 0.06)	-0.001	0.701	0.009	0.023	0.686	0.01 (-0.04, 0.05)	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)
P55774	CCL18	OID20395	192	0.003	0.013	0.801	3.26e-03 (-0.02, 0.03)	0.939	7.66E-05	-0.033	0.025	0.182	-0.03 (-0.08, 0.02)	0.002	0.087	-0.031	0.019	0.107	-0.03 (-0.07, 0.01)	-0.028	0.021	0.192	-0.03 (-0.07, 0.01)
P30203	CD6	OID20649	192	0.003	0.013	0.800	3.42e-03 (-0.02, 0.03)	0.939	1.61E-14	-0.009	0.026	0.726	-0.01 (-0.06, 0.04)	0.001	0.574	0.017	0.020	0.384	0.02 (-0.02, 0.06)	0.022	0.021	0.286	0.02 (-0.02, 0.06)
P55285	CDH6	OID20157	192	-0.003	0.013	0.801	-3.19e-03 (-0.03, 0.02	0.939	3.10E-06	-0.023	0.025	0.340	-0.02 (-0.07, 0.02)	0.001	0.336	-0.029	0.019	0.133	-0.03 (-0.07, 0.01)	-0.022	0.021	0.292	-0.02 (-0.06, 0.02)
Q5VT06	CEP350	OID31247	192	-0.003	0.012	0.801	-3.05e-03 (-0.03, 0.02	0.939	0.767	0.032	0.023	0.178	0.03 (-0.01, 0.08)	-0.002	0.085	0.003	0.024	0.903	2.95e-03 (-0.04, 0.05)	-0.006	0.023	0.798	-0.01 (-0.05, 0.04)
Q8IWV2	CNTN4	OID21117	192	-0.004	0.015	0.787	-3.94e-03 (-0.03, 0.02	0.939	6.56E-11	0.010	0.028	0.717	0.01 (-0.05, 0.07)	-0.001	0.558	-0.021	0.021	0.305	-0.02 (-0.06, 0.02)	-0.017	0.022	0.434	-0.02 (-0.06, 0.03)
Q2UY09	COL28A1	OID30969	192	0.003	0.013	0.801	3.26e-03 (-0.02, 0.03)	0.939	6.55E-08	0.009	0.025	0.719	0.01 (-0.04, 0.06)	0.000	0.789	0.000	0.021	0.991	-2.40e-04 (-0.04, 0.04)	-0.002	0.020	0.936	-1.61e-03 (-0.04, 0.04)
P43320	CRYBB2	OID31081	192	0.004	0.015	0.799	3.82e-03 (-0.03, 0.03)	0.939	3.25E-09	0.065	0.029	0.024	0.07 (0.01, 0.12)	-0.004	0.013	0.052	0.020	0.009	0.05 (0.01, 0.09)	0.044	0.022	0.047	0.04 (9.44e-04, 0.09)
P42830	CXCL5	OID20207	192	-0.005	0.020	0.791	-0.01 (-0.04, 0.03)	0.939	2.47E-48	0.009	0.039	0.827	0.01 (-0.07, 0.09)	-0.001	0.678	0.006	0.024	0.799	0.01 (-0.04, 0.05)	-0.006	0.025	0.817	-0.01 (-0.05, 0.04)
Q9UIK4	DAPK2	OID30505	192	-0.004	0.015	0.791	-4.02e-03 (-0.03, 0.03	0.939	1.45E-09	-0.018	0.029	0.533	-0.02 (-0.08, 0.04)	0.001	0.569	-0.018	0.022	0.427	-0.02 (-0.06, 0.03)	-0.011	0.025	0.648	-0.01 (-0.06, 0.04)
P78352	DLG4	OID31071	192	-0.003	0.013	0.799	-3.40e-03 (-0.03, 0.02	0.939	0.003	-0.013	0.026	0.612	-0.01 (-0.06, 0.04)	0.001	0.660	-0.005	0.024	0.833	-0.01 (-0.05, 0.04)	-0.017	0.023	0.453	-0.02 (-0.06, 0.03)
Q9ULA0	DNPEP	OID31118	192	0.003	0.013	0.799	3.24e-03 (-0.02, 0.03)	0.939	0.036	-0.017	0.025	0.499	-0.02 (-0.06, 0.03)	0.001	0.346	0.000	0.025	1.000	-7.78e-06 (-0.05, 0.05)	0.001	0.023	0.969	9.03e-04 (-0.04, 0.05)
O43598	DNPH1	OID20744	192	0.003	0.011	0.792	2.99e-03 (-0.02, 0.03)	0.939	0.550	0.015	0.022	0.491	0.02 (-0.03, 0.06)	-0.001	0.519	0.016	0.022	0.487	0.02 (-0.03, 0.06)	0.016	0.022	0.462	0.02 (-0.03, 0.06)
P16444	DPEP1	OID20897	192	0.004	0.018	0.802	4.39e-03 (-0.03, 0.04)	0.939	6.44E-70	0.014	0.034	0.676	0.01 (-0.05, 0.08)	-0.001	0.735	-0.007	0.018	0.721	-0.01 (-0.04, 0.03)	-0.010	0.017	0.557	-0.01 (-0.04, 0.02)
O43768	ENSA	OID31355	192	0.003	0.012	0.801	2.99e-03 (-0.02, 0.03)	0.939	0.292	0.026	0.024	0.273	0.03 (-0.02, 0.07)	-0.001	0.258	0.016	0.024	0.489	0.02 (-0.03, 0.06)	0.007	0.024	0.768	0.01 (-0.04, 0.05)
O15083	ERC2	OID30880	192	-0.003	0.013	0.800	-3.32e-03 (-0.03, 0.02	0.939	0.040	0.008	0.025	0.757	0.01 (-0.04, 0.06)	-0.001	0.608	0.026	0.023	0.271	0.03 (-0.02, 0.07)	0.023	0.022	0.313	0.02 (-0.02, 0.07)
P31371	FGF9	OID31193	192	-0.003	0.012	0.797	-3.13e-03 (-0.03, 0.02	0.939	0.917	-0.004	0.024	0.869	-3.88e-03 (-0.05, 0.04)	0.000	0.970	-0.027	0.023	0.230	-0.03 (-0.07, 0.02)	-0.027	0.024	0.273	-0.03 (-0.07, 0.02)
P17948	FLT1	OID21301	192	-0.004	0.015	0.802	-3.88e-03 (-0.03, 0.03	0.939	3.67E-11	0.001	0.030	0.983	6.30e-04 (-0.06, 0.06)	0.000	0.861	0.001	0.024	0.969	9.33e-04 (-0.05, 0.05)	0.013	0.024	0.605	0.01 (-0.04, 0.06)
Q04609	FOLH1	OID30430	192	-0.004	0.014	0.788	-3.76e-03 (-0.03, 0.02	0.939	0.001	0.040	0.027	0.138	0.04 (-0.01, 0.09)	-0.003	0.058	0.009	0.025	0.726	0.01 (-0.04, 0.06)	-0.004	0.022	0.841	-4.49e-03 (-0.05, 0.04)
Q9UJY5	GGA1	OID20838	192	-0.003	0.012	0.791	-3.20e-03 (-0.03, 0.02	0.939	0.359	0.021	0.024	0.367	0.02 (-0.03, 0.07)	-0.002	0.226	-0.002	0.024	0.941	-1.80e-03 (-0.05, 0.05)	0.006	0.023	0.813	0.01 (-0.04, 0.05)
Q96P66	GPR101	OID30819	192	0.003	0.012	0.798	3.10e-03 (-0.02, 0.03)	0.939	0.784	-0.001	0.023	0.980	-5.83e-04 (-0.05, 0.05)	0.000	0.855	0.025	0.024	0.311	0.02 (-0.02, 0.07)	0.017	0.027	0.524	0.02 (-0.04, 0.07)
Q12849	GRSF1	OID31224	192	-0.004	0.014	0.795	-3.57e-03 (-0.03, 0.02	0.939	0.003	-0.007	0.027	0.780	-0.01 (-0.06, 0.04)	0.000	0.864	-0.011	0.024	0.638	-0.01 (-0.06, 0.04)	-0.011	0.023	0.623	-0.01 (-0.06, 0.03)
Q9UHD0	IL19	OID20158	192	-0.003	0.013	0.800	-3.17e-03 (-0.03, 0.02	0.939	0.009	-0.003	0.024	0.912	-2.68e-03 (-0.05, 0.04)	0.000	0.981	-0.016	0.022	0.468	-0.02 (-0.06, 0.03)	-0.017	0.022	0.438	-0.02 (-0.06, 0.03)
P40189	IL6ST	OID20147	192	-0.004	0.017	0.795	-4.35e-03 (-0.04, 0.03	0.939	5.67E-18	-0.009	0.032	0.776	-0.01 (-0.07, 0.05)	0.000	0.861	-0.004	0.023	0.859	-4.11e-03 (-0.05, 0.04)	-0.003	0.024	0.893	-3.29e-03 (-0.05, 0.04)
Q96EK5	KIFBP	OID21320	192	-0.003	0.013	0.792	-3.50e-03 (-0.03, 0.02	0.939	0.007	-0.010	0.026	0.687	-0.01 (-0.06, 0.04)	0.000	0.755	-0.019	0.025	0.440	-0.02 (-0.07, 0.03)	-0.027	0.022	0.224	-0.03 (-0.07, 0.02)
P01229	LHB	OID21248	192	-0.003	0.011	0.796	-2.91e-03 (-0.02, 0.02	0.939	0.923	-0.005	0.022	0.813	-0.01 (-0.05, 0.04)	0.000	0.904	0.006	0.023	0.810	0.01 (-0.04, 0.05)	0.010	0.024	0.683	0.01 (-0.04, 0.06)
Q9BUE0	MED18	OID21236	192	0.004	0.014	0.790	3.60e-03 (-0.02, 0.03)	0.939	0.004	0.002	0.026	0.939	2.01e-03 (-0.05, 0.05)	0.000	0.943	-0.003	0.025	0.914	-2.70e-03 (-0.05, 0.05)	-0.001	0.025	0.967	-1.03e-03 (-0.05, 0.05)
Q10571	MN1	OID30908	192	0.003	0.012	0.794	3.16e-03 (-0.02, 0.03)	0.939	0.159	-0.018	0.025	0.471	-0.02 (-0.07, 0.03)	0.001	0.321	-0.026	0.024	0.276	-0.03 (-0.07, 0.02)	-0.029	0.025	0.244	-0.03 (-0.08, 0.02)
P08118	MSMB	OID20275	192	-0.002	0.009	0.794	-2.45e-03 (-0.02, 0.02	0.939	0.009	-0.015	0.020	0.444	-0.01 (-0.05, 0.02)	0.001	0.466	0.003	0.016	0.854	2.93e-03 (-0.03, 0.03)	0.009	0.022	0.682	0.01 (-0.03, 0.05)
P58546	MTPN	OID20080	192	-0.003	0.012	0.796	-3.12e-03 (-0.03, 0.02	0.939	0.088	-0.013	0.025	0.611	-0.01 (-0.06, 0.04)	0.001	0.654	0.029	0.022	0.198	0.03 (-0.02, 0.07)	0.021	0.026	0.424	0.02 (-0.03, 0.07)
Q96RE7	NACC1	OID31393	192	0.003	0.013	0.790	3.50e-03 (-0.02, 0.03)	0.939	0.009	0.015	0.025	0.547	0.02 (-0.03, 0.07)	-0.001	0.587	0.026	0.024	0.269	0.03 (-0.02, 0.07)	0.012	0.025	0.624	0.01 (-0.04, 0.06)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	Gene	OID	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
Q08499	PDE4D	OID30084	192	-0.003	0.012	0.796	-3.13e-03 (-0.03, 0.02	0.939	0.670	-0.029	0.023	0.211	-0.03 (-0.08, 0.02)	0.002	0.192	-0.012	0.025	0.643	-0.01 (-0.06, 0.04)	-0.008	0.024	0.736	-0.01 (-0.06, 0.04)
Q96G03	PGM2	OID30904	192	0.003	0.012	0.790	3.20e-03 (-0.02, 0.03)	0.939	0.148	-0.002	0.025	0.943	-1.75e-03 (-0.05, 0.05)	0.000	0.814	0.000	0.025	0.995	1.61e-04 (-0.05, 0.05)	-0.008	0.026	0.763	-0.01 (-0.06, 0.04)
Q8ND90	PNMA1	OID30194	192	-0.003	0.013	0.795	-3.35e-03 (-0.03, 0.02	0.939	0.046	-0.014	0.025	0.584	-0.01 (-0.06, 0.04)	0.001	0.628	-0.018	0.024	0.455	-0.02 (-0.06, 0.03)	-0.016	0.024	0.515	-0.02 (-0.06, 0.03)
Q9UL42	PNMA2	OID30842	192	0.003	0.012	0.795	3.15e-03 (-0.02, 0.03)	0.939	0.617	-0.004	0.023	0.849	-4.47e-03 (-0.05, 0.04)	0.000	0.705	0.008	0.025	0.738	0.01 (-0.04, 0.06)	0.001	0.025	0.953	1.46e-03 (-0.05, 0.05)
Q9GZN4	PRSS22	OID30483	192	0.003	0.014	0.800	3.44e-03 (-0.02, 0.03)	0.939	0.001	0.002	0.026	0.951	1.64e-03 (-0.05, 0.05)	0.000	0.937	0.024	0.023	0.304	0.02 (-0.02, 0.07)	0.012	0.027	0.668	0.01 (-0.04, 0.07)
Q15477	SKIV2L	OID30056	192	0.003	0.012	0.802	3.03e-03 (-0.02, 0.03)	0.939	0.053	0.007	0.025	0.783	0.01 (-0.04, 0.06)	0.000	0.854	-0.012	0.024	0.619	-0.01 (-0.06, 0.04)	-0.001	0.026	0.965	-1.15e-03 (-0.05, 0.05)
Q7Z5A7	TAFA5	OID21321	192	0.004	0.014	0.790	3.69e-03 (-0.02, 0.03)	0.939	5.18E-05	-0.014	0.027	0.612	-0.01 (-0.07, 0.04)	0.001	0.452	-0.027	0.020	0.181	-0.03 (-0.07, 0.01)	-0.043	0.025	0.087	-0.04 (-0.09, 0.01)
Q15633	TARBP2	OID20870	192	-0.004	0.013	0.788	-3.55e-03 (-0.03, 0.02	0.939	0.008	-0.007	0.026	0.794	-0.01 (-0.06, 0.04)	0.000	0.885	-0.008	0.025	0.752	-0.01 (-0.06, 0.04)	-0.015	0.023	0.523	-0.01 (-0.06, 0.03)
Q86T26	TMPRSS11B	OID30852	192	0.003	0.012	0.788	3.25e-03 (-0.02, 0.03)	0.939	0.454	0.025	0.024	0.295	0.02 (-0.02, 0.07)	-0.001	0.289	0.040	0.022	0.061	0.04 (-1.82e-03, 0.08)	0.043	0.025	0.088	0.04 (-0.01, 0.09)
O14788	TNFSF11	OID20592	192	-0.004	0.015	0.794	-3.82e-03 (-0.03, 0.02	0.939	7.92E-08	0.009	0.028	0.759	0.01 (-0.05, 0.06)	-0.001	0.607	-0.026	0.023	0.267	-0.03 (-0.07, 0.02)	-0.022	0.024	0.365	-0.02 (-0.07, 0.02)
O43396	TXNL1	OID30872	192	-0.004	0.014	0.799	-3.65e-03 (-0.03, 0.02	0.939	1.47E-04	0.011	0.028	0.704	0.01 (-0.04, 0.07)	-0.001	0.551	-0.005	0.024	0.834	-0.01 (-0.05, 0.04)	0.002	0.024	0.941	1.81e-03 (-0.05, 0.05)
Q9BSL1	UBAC1	OID21336	192	-0.003	0.011	0.801	-2.87e-03 (-0.03, 0.02	0.939	0.456	-0.007	0.022	0.767	-0.01 (-0.05, 0.04)	0.000	0.845	-0.005	0.023	0.839	-4.68e-03 (-0.05, 0.04)	-0.009	0.023	0.692	-0.01 (-0.05, 0.04)
O14933	UBE2L6	OID30321	192	-0.003	0.013	0.789	-3.45e-03 (-0.03, 0.02	0.939	0.008	-0.009	0.025	0.731	-0.01 (-0.06, 0.04)	0.000	0.810	0.003	0.024	0.909	2.70e-03 (-0.04, 0.05)	-0.005	0.024	0.830	-0.01 (-0.05, 0.04)
Q5VIR6	VPS53	OID21281	192	-0.004	0.013	0.789	-3.53e-03 (-0.03, 0.02	0.939	0.006	-0.018	0.026	0.480	-0.02 (-0.07, 0.03)	0.001	0.506	-0.022	0.024	0.360	-0.02 (-0.07, 0.02)	-0.017	0.023	0.463	-0.02 (-0.06, 0.03)
Q96AJ9	VTI1A	OID30640	192	0.003	0.014	0.801	3.41e-03 (-0.02, 0.03)	0.939	0.002	-0.015	0.026	0.562	-0.02 (-0.07, 0.04)	0.001	0.408	-0.004	0.024	0.850	-4.48e-03 (-0.05, 0.04)	-0.024	0.022	0.290	-0.02 (-0.07, 0.02)
P07948	LYN	OID21350	192	0.003	0.013	0.803	3.32e-03 (-0.02, 0.03)	0.940	0.005	-0.006	0.026	0.807	-0.01 (-0.06, 0.04)	0.001	0.664	0.002	0.024	0.920	2.43e-03 (-0.05, 0.05)	-0.007	0.023	0.760	-0.01 (-0.05, 0.04)
Q15172	PPP2R5A	OID31502	192	-0.003	0.013	0.803	-3.27e-03 (-0.03, 0.02	0.940	0.012	-0.012	0.025	0.646	-0.01 (-0.06, 0.04)	0.001	0.699	-0.016	0.024	0.497	-0.02 (-0.06, 0.03)	-0.009	0.024	0.704	-0.01 (-0.06, 0.04)
Q8IVF2	AHNAK2	OID30244	192	-0.003	0.014	0.806	-3.32e-03 (-0.03, 0.02	0.940	0.001	-0.040	0.026	0.123	-0.04 (-0.09, 0.01)	0.002	0.098	-0.043	0.021	0.041	-0.04 (-0.08, -1.72e-03)	-0.041	0.023	0.079	-0.04 (-0.09, 4.40e-03)
Q8N8R5	C2orf69	OID30883	192	-0.003	0.012	0.810	-2.88e-03 (-0.03, 0.02	0.940	0.062	-0.003	0.025	0.900	-3.17e-03 (-0.05, 0.05)	0.000	0.990	-0.016	0.022	0.450	-0.02 (-0.06, 0.03)	-0.014	0.024	0.556	-0.01 (-0.06, 0.03)
Q9BRJ6	C7orf50	OID31095	192	0.003	0.011	0.809	2.73e-03 (-0.02, 0.02)	0.940	0.376	0.002	0.022	0.922	2.19e-03 (-0.04, 0.05)	0.000	0.977	-0.017	0.021	0.434	-0.02 (-0.06, 0.03)	-0.010	0.022	0.642	-0.01 (-0.05, 0.03)
I3L3R5	CCER2	OID30221	192	0.007	0.028	0.806	0.01 (-0.05, 0.06)	0.940	4.80E-137	-0.061	0.054	0.262	-0.06 (-0.17, 0.05)	0.004	0.146	-0.015	0.019	0.423	-0.02 (-0.05, 0.02)	-0.021	0.026	0.432	-0.02 (-0.07, 0.03)
P20711	DDC	OID20215	192	0.004	0.015	0.805	3.61e-03 (-0.03, 0.03)	0.940	2.18E-08	0.029	0.028	0.306	0.03 (-0.03, 0.08)	-0.002	0.295	0.018	0.021	0.407	0.02 (-0.02, 0.06)	0.013	0.022	0.561	0.01 (-0.03, 0.06)
Q6PKH6	DHRS4L2	OID31072	192	0.003	0.013	0.808	3.17e-03 (-0.02, 0.03)	0.940	0.009	-0.022	0.025	0.382	-0.02 (-0.07, 0.03)	0.002	0.243	-0.001	0.024	0.975	-7.46e-04 (-0.05, 0.05)	-0.007	0.024	0.770	-0.01 (-0.05, 0.04)
O00548	DLL1	OID21525	192	0.004	0.014	0.806	3.51e-03 (-0.02, 0.03)	0.940	1.40E-07	-0.016	0.028	0.571	-0.02 (-0.07, 0.04)	0.001	0.419	-0.008	0.023	0.719	-0.01 (-0.05, 0.04)	-0.009	0.021	0.676	-0.01 (-0.05, 0.03)
O75190	DNAJB6	OID30613	192	0.003	0.014	0.807	3.44e-03 (-0.02, 0.03)	0.940	1.47E-04	-0.008	0.027	0.758	-0.01 (-0.06, 0.05)	0.001	0.612	-0.005	0.024	0.839	-4.91e-03 (-0.05, 0.04)	-0.024	0.024	0.322	-0.02 (-0.07, 0.02)
O75061	DNAJC6	OID30247	192	-0.004	0.015	0.810	-3.58e-03 (-0.03, 0.03	0.940	2.74E-07	-0.001	0.029	0.963	-1.34e-03 (-0.06, 0.06)	0.000	0.928	0.003	0.023	0.897	3.00e-03 (-0.04, 0.05)	-0.007	0.024	0.779	-0.01 (-0.05, 0.04)
A0FGR8	ESYT2	OID31134	192	0.003	0.014	0.808	3.30e-03 (-0.02, 0.03)	0.940	0.001	-0.021	0.026	0.427	-0.02 (-0.07, 0.03)	0.002	0.283	-0.009	0.024	0.718	-0.01 (-0.06, 0.04)	-0.019	0.023	0.402	-0.02 (-0.06, 0.03)
P06734	FCER2	OID21133	192	0.004	0.015	0.807	3.72e-03 (-0.03, 0.03)	0.940	6.18E-12	-0.065	0.029	0.027	-0.06 (-0.12, -0.01)	0.004	0.006	-0.025	0.023	0.273	-0.03 (-0.07, 0.02)	-0.021	0.022	0.346	-0.02 (-0.06, 0.02)
Q10471	GALNT2	OID21423	192	0.003	0.014	0.806	3.39e-03 (-0.02, 0.03)	0.940	4.50E-07	0.016	0.027	0.555	0.02 (-0.04, 0.07)	-0.001	0.588	-0.008	0.024	0.726	-0.01 (-0.05, 0.04)	-0.014	0.022	0.523	-0.01 (-0.06, 0.03)
O15357	INPPL1	OID21314	192	-0.003	0.013	0.805	-3.29e-03 (-0.03, 0.02	0.940	0.002	-0.006	0.026	0.814	-0.01 (-0.06, 0.04)	0.000	0.899	-0.009	0.025	0.711	-0.01 (-0.06, 0.04)	-0.016	0.024	0.520	-0.02 (-0.06, 0.03)
P01591	JCHAIN	OID20494	192	-0.004	0.015	0.806	-3.73e-03 (-0.03, 0.03	0.940	2.28E-08	0.026	0.029	0.382	0.03 (-0.03, 0.08)	-0.002	0.243	-0.019	0.025	0.435	-0.02 (-0.07, 0.03)	-0.011	0.025	0.671	-0.01 (-0.06, 0.04)
Q969V3	NCLN	OID20448	192	-0.003	0.012	0.808	-2.93e-03 (-0.03, 0.02	0.940	0.144	0.014	0.025	0.563	0.01 (-0.03, 0.06)	-0.001	0.416	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)	-0.012	0.025	0.633	-0.01 (-0.06, 0.04)
Q9UNZ2	NSFL1C	OID21022	192	0.003	0.011	0.809	2.76e-03 (-0.02, 0.03)	0.940	0.202	-0.003	0.023	0.881	-3.46e-03 (-0.05, 0.04)	0.000	0.753	0.004	0.024	0.855	4.32e-03 (-0.04, 0.05)	-0.007	0.022	0.760	-0.01 (-0.05, 0.04)
Q9NS98	SEMA3G	OID30599	192	0.005	0.019	0.807	4.69e-03 (-0.03, 0.04)	0.940	1.10E-44	0.053	0.037	0.153	0.05 (-0.02, 0.13)	-0.003	0.128	-0.004	0.023	0.879	-3.51e-03 (-0.05, 0.04)	0.000	0.020	0.999	-1.55e-05 (-0.04, 0.04)
Q9H0U9	TSPYL1	OID30512	192	-0.003	0.013	0.807	-3.29e-03 (-0.03, 0.02	0.940	0.005	-0.007	0.026	0.789	-0.01 (-0.06, 0.04)	0.000	0.868	0.002	0.025	0.923	2.43e-03 (-0.05, 0.05)	-0.012	0.024	0.635	-0.01 (-0.06, 0.04)
Q9Y3C0	WASHC3	OID31123	192	-0.003	0.014	0.809	-3.30e-03 (-0.03, 0.02	0.940	2.46E-04	-0.019	0.027	0.485	-0.02 (-0.07, 0.03)	0.001	0.503	-0.018	0.025	0.463	-0.02 (-0.07, 0.03)	-0.025	0.024	0.290	-0.02 (-0.07, 0.02)
Q96C92	ENTR1	OID30231	92	0.005	0.019	0.808	4.51e-03 (-0.03, 0.04)	0.940	0.013	-0.007	0.032	0.818	-0.01 (-0.07, 0.06)	0.001	0.651	-0.039	0.026	0.136	-0.04 (-0.09, 0.01)	-0.033	0.026	0.218	-0.03 (-0.08, 0.02)
Q6UW56	ATRAID	OID31451	192	0.003	0.015	0.811	3.49e-03 (-0.03, 0.03)	0.940	3.75E-08	-0.033	0.028	0.237	-0.03 (-0.09, 0.02)	0.002	0.128	-0.019	0.023	0.401	-0.02 (-0.06, 0.03)	-0.017	0.022	0.429	-0.02 (-0.06, 0.03)
Q6QNY1	BLOC1S2	OID30856	192	0.003	0.012	0.811	2.90e-03 (-0.02, 0.03)	0.940	0.089	0.018	0.025	0.484	0.02 (-0.03, 0.07)	-0.001	0.494	0.016	0.025	0.528	0.02 (-0.03, 0.06)	0.012	0.023	0.597	0.01 (-0.03, 0.06)
Q9H008	LHPP	OID20749	192	0.003	0.012	0.811	2.87e-03 (-0.02, 0.03)	0.940	0.022	0.014	0.024	0.553	0.01 (-0.03, 0.06)	-0.001	0.583	0.006	0.021	0.780	0.01 (-0.04, 0.05)	0.001	0.020	0.960	1.03e-03 (-0.04, 0.04)
Q16718	NDUFA5	OID30520	192	-0.003	0.013	0.811	-3.15e-03 (-0.03, 0.02	0.940	0.034	-0.073	0.025	0.004	-0.07 (-0.12, -0.02)	0.004	0.001	-0.033	0.019	0.091	-0.03 (-0.07, 0.01)	-0.064	0.025	0.012	-0.06 (-0.11, -0.01)
P23381	WARS1	OID21084	192	0.003	0.014	0.811	3.40e-03 (-0.02, 0.03)	0.940	1.13E-05	-0.001	0.028	0.978	-7.60e-04 (-0.05, 0.05)	0.000	0.860	0.017	0.024	0.471	0.02 (-0.03, 0.06)	0.004	0.026	0.879	3.90e-03 (-0.05, 0.05)
P05089	ARG1	OID21445	192	-0.004	0.017	0.812	-4.05e-03 (-0.04, 0.03	0.940	2.31E-20	0.019	0.033	0.567	0.02 (-0.05, 0.08)	-0.001	0.418	0.012	0.023	0.585	0.01 (-0.03, 0.06)	0.023	0.022	0.301	0.02 (-0.02, 0.07)
Q86SQ0	PHLDB2	OID31167	192	0.003	0.012	0.812	2.88e-03 (-0.02, 0.03)	0.940	0.284	0.026	0.024	0.290	0.03 (-0.02, 0.07)	-0.001	0.273	-0.006	0.024	0.792	-0.01 (-0.05, 0.04)	-0.004	0.028	0.898	-3.61e-03 (-0.06, 0.05)
Q53EL9	SEZ6	OID30968	192	-0.003	0.014	0.813	-3.32e-03 (-0.03, 0.02	0.940	2.95E-04	0.021	0.027	0.441	0.02 (-0.03, 0.07)	-0.002	0.297	-0.013	0.026	0.609	-0.01 (-0.06, 0.04)	-0.022	0.025	0.366	-0.02 (-0.07, 0.03)
Q9BS40	LXN	OID21003	192	-0.003	0.012	0.814	-2.74e-03 (-0.03, 0.02	0.941	0.433	-0.004	0.023	0.854	-4.19e-03 (-0.05, 0.04)	0.000	0.941	0.006	0.025	0.821	0.01 (-0.04, 0.05)	-0.006	0.023	0.802	-0.01 (-0.05, 0.04)
P21754	ZP3	OID30265	192	-0.002	0.010	0.814	-2.32e-03 (-0.02, 0.02	0.941	2.20E-11	0.041	0.019	0.028	0.04 (4.74e-03, 0.08)	-0.003	0.007	0.030	0.014	0.033	0.03 (2.46e-03, 0.06)	0.034	0.013	0.009	0.03 (0.01, 0.06)
Q8TCU4	ALMS1	OID31275	192	-0.003	0.012	0.815	-2.81e-03 (-0.03, 0.02	0.942	0.446	-0.004	0.024	0.876	-3.69e-03 (-0.05, 0.04)	0.000	0.965	-0.023	0.024	0.339	-0.02 (-0.07, 0.02)	-0.018	0.025	0.470	-0.02 (-0.07, 0.03)
Q13145	BAMBI	OID21267	192	-0.003	0.014	0.818	-3.17e-03 (-0.03, 0.02	0.942	0.001	-0.007	0.027	0.804	-0.01 (-0.06, 0.05)	0.000	0.879	-0.002	0.022	0.914	-2.34e-03 (-0.04, 0.04)	0.004	0.024	0.863	4.13e-03 (-0.04, 0.05)
P35070	BTC	OID21199	192	-0.003	0.013	0.818	-3.06e-03 (-0.03, 0.02	0.942	0.001	-0.005	0.026	0.853	-4.79e-03 (-0.06, 0.05)	0.000	0.938	-0.018	0.024	0.441	-0.02 (-0.06, 0.03)	-0.010	0.024	0.671	-0.01 (-0.06, 0.04)
O15444	CCL25	OID20674	192	0.005	0.022	0.816	0.01 (-0.04, 0.05)	0.942	1.53E-115	0.037	0.042	0.380	0.04 (-0.05, 0.12)	-0.002	0.375	0.038	0.019	0.042	0.04 (1.46e-03, 0.07)	0.035	0.020	0.073	0.04 (-3.10e-03, 0.07)
O15182	CETN3	OID31525	192	0.003	0.013	0.818	2.90e-03 (-0.02, 0.03)	0.942	0.046	-0.009	0.025	0.705	-0.01 (-0.06, 0.04)	0.001	0.562	0.000	0.024	0.987	-3.78e-04 (-0.05, 0.05)	-0.006	0.021	0.777	-0.01 (-0.05, 0.03)
P12532;P1	CKMT1B;CKM	OID20721	192	-0.004	0.016	0.818	-3.68e-03 (-0.03, 0.03	0.942	1.73E-11	-0.013	0.031	0.667	-0.01 (-0.07, 0.05)	0.001	0.716	0.009	0.021	0.678	0.01 (-0.03, 0.05)	0.002	0.025	0.936	1.99e-03 (-0.05, 0.05)
O95786	DDX58	OID21226	192	0.003	0.013	0.817	3.02e-03 (-0.02, 0.03)	0.942	0.006	0.013	0.025	0.611	0.01 (-0.04, 0.06)	-0.001	0.649	0.035	0.023	0.134	0.03 (-0.01, 0.08)	0.034	0.026	0.196	0.03 (-0.02, 0.08)
O75015	FCGR3B	OID20387	192	0.003	0.012	0.819	2.79e-03 (-0.02, 0.03)	0.942	4.00E-05	0.022	0.024	0.342	0.02 (-0.02, 0.07)	-0.001	0.331	0.017	0.020	0.391	0.02 (-0.02, 0.06)	0.009	0.022	0.669	0.01 (-0.03, 0.05)
O00291	HIP1	OID30071	192	-0.003	0.012	0.819	-2.78e-03 (-0.03, 0.02	0.942	0.773	-0.033	0.024	0.160	-0.03 (-0.08, 0.01)	0.002	0.133	-0.029	0.022	0.181	-0.03 (-0.07, 0.01)	-0.031	0.025	0.208	-0.03 (-0.08, 0.02)
P30086	PEBP1	OID21087	192	0.003	0.012	0.817	2.66e-03 (-0.02, 0.03)	0.942	0.061	-0.010	0.024	0.678	-0.01 (-0.06, 0.04)	0.001	0.540	-0.005	0.024	0.844	-4.68e-03 (-0.05, 0.04)	-0.026	0.024	0.281	-0.03 (-0.07, 0.02)
Q92485	SMPDL3B	OID31387	192	-0.003	0.012	0.819	-2.73e-03 (-0.03, 0.02	0.942	0.481	0.007	0.023	0.755	0.01 (-0.04, 0.05)	-0.001	0.616	-0.007	0.025	0.772	-0.01 (-0.06, 0.04)	-0.010	0.025	0.702	-0.01 (-0.06, 0.04)
P22528	SPRR1B	OID31296	192	0.003	0.013	0.819	3.03e-03 (-0.02, 0.03)	0.942	0.023	0.007	0.026	0.775	0.01 (-0.04, 0.06)	0.000	0.844	-0.036	0.022	0.093	-0.04 (-0.08, 0.01)	-0.029	0.026	0.254	-0.03 (-0.08, 0.02)
Q9UBC9	SPRR3	OID31131	192	-0.003	0.012	0.816	-2.86e-03 (-0.03, 0.02	0.942	0.003	-0.018	0.024	0.454	-0.02 (-0.06, 0.03)	0.001	0.462	-0.004	0.022	0.858	-4.00e-03 (-0.05, 0.04)	-0.007	0.020	0.738	-0.01 (-0.05, 0.03)
Q14508	WFDC2	OID21505	192	-0.003	0.012	0.815	-2.91e-03 (-0.03, 0.02	0.942	0.004	0.012	0.024	0.626	0.01 (-0.04, 0.06)	-0.001	0.478	0.017	0.022	0.420	0.02 (-0.02, 0.06)	0.014	0.022	0.532	0.01 (-0.03, 0.06)
Q93015	NAA80	OID30893	160	-0.004	0.016	0.818	-3.77e-03 (-0.04, 0.03	0.942	6.02E-07	-0.014	0.031	0.645	-0.01 (-0.08, 0.05)	0.001	0.689	0.006	0.024	0.795	0.01 (-0.04, 0.05)	-0.001	0.021	0.963	-9.79e-04 (-0.04, 0.04)
Q5TA50	CPTP	OID30106	192	0.003	0.012	0.820	2.76e-03 (-0.02, 0.03)	0.942	0.166	-0.014	0.025	0.570	-0.01 (-0.06, 0.03)	0.001	0.427	0.004	0.020	0.850	3.84e-03 (-0.04, 0.04)	-0.036	0.027	0.171	-0.04 (-0.09, 0.02)
Q9H251	CDH23	OID31074	192	0.003	0.012	0.822	2.68e-03 (-0.02, 0.03)	0.942	0.176	0.014	0.024	0.576	0.01 (-0.03, 0.06)	-0.001	0.600	0.014	0.023	0.555	0.01 (-0.03, 0.06)	0.022	0.023	0.349	0.02 (-0.02, 0.07)
P01584	IL1B	OID20427	192	0.003	0.012	0.822	2.67e-03 (-0.02, 0.03)	0.942	0.231	-0.009	0.024	0.696	-0.01 (-0.06, 0.04)	0.001	0.557	0.005	0.025	0.826	0.01 (-0.04, 0.05)	0.006	0.023	0.793	0.01 (-0.04, 0.05)
P31785	IL2RG	OID31361	192	0.003	0.012	0.822	2.68e-03 (-0.02, 0.03)	0.942	0.384	-0.020	0.023	0.393	-0.02 (-0.07, 0.03)	0.001	0.258	0.020	0.023	0.394	0.02 (-0.03, 0.06)	0.007	0.024	0.763	0.01 (-0.04, 0.05)
Q9UL46	PSME2	OID20989	192	-0.003	0.011	0.822	-2.57e-03 (-0.02, 0.02	0.942	0.089	-0.010	0.024	0.666	-0.01 (-0.06, 0.04)	0.000	0.706	-0.002	0.024	0.921	-2.35e-03 (-0.05, 0.04)	-0.011	0.022	0.620	-0.01 (-0.05, 0.03)
Q2M3V2	SOWAHA	OID30888	192	0.003	0.012	0.821	2.73e-03 (-0.02, 0.03)	0.942	0.855	-0.010	0.023	0.668	-0.01 (-0.06, 0.04)	0.001	0.524	-0.016	0.024	0.509	-0.02 (-0.06, 0.03)	-0.022	0.024	0.366	-0.02 (-0.07, 0.03)
Q8WWF5	ZNRF4	OID31347	192	0.003	0.014	0.822	3.17e-03 (-0.02, 0.03)	0.942	1.58E-04	0.003	0.027	0.903	3.33e-03 (-0.05, 0.06)	0.000	0.994	0.013	0.025	0.603	0.01 (-0.04, 0.06)	0.010	0.024	0.688	0.01 (-0.04, 0.06)
Q7Z7K0	CMC1	OID30360	192	-0.003	0.014	0.823	-3.11e-03 (-0.03, 0.02	0.943	1.63E-04	-0.018	0.027	0.494	-0.02 (-0.07, 0.03)	0.001	0.506	-0.011	0.023	0.655	-0.01 (-0.06, 0.04)	-0.014	0.022	0.533	-0.01 (-0.06, 0.03)
P62330	ARF6	OID31523	192	0.003	0.014	0.824	3.12e-03 (-0.02, 0.03)	0.943	1.48E-04	-0.002	0.027	0.936	-2.18e-03 (-0.06, 0.05)	0.000	0.820	-0.002	0.025	0.931	-2.19e-03 (-0.05, 0.05)	0.007	0.024	0.775	0.01 (-0.04, 0.05)
O00244	ATOX1	OID21476	192	-0.003	0.013	0.823	-2.95e-03 (-0.03, 0.02	0.943	0.008	-0.016	0.026	0.546	-0.02 (-0.07, 0.03)	0.001	0.568	0.001	0.021	0.952	1.25e-03 (-0.04, 0.04)	-0.010	0.023	0.665	-0.01 (-0.05, 0.03)
P32004	L1CAM	OID21484	192	-0.007	0.031	0.824	-0.01 (-0.07, 0.05)	0.943	2.46E-203	0.017	0.060	0.782	0.02 (-0.10, 0.13)	-0.001	0.648	0.026	0.022	0.247	0.03 (-0.02, 0.07)	0.033	0.022	0.131	0.03 (-0.01, 0.08)
P31689	DNAJA1	OID31204	192	-0.003	0.012	0.827	-2.66e-03 (-0.03, 0.02	0.945	0.980	-0.022	0.024	0.341	-0.02 (-0.07, 0.02)	0.001	0.327	-0.011	0.024	0.631	-0.01 (-0.06, 0.03)	-0.005	0.023	0.819	-0.01 (-0.05, 0.04)
P51948	MNAT1	OID31327	192	0.003	0.012	0.826	2.64e-03 (-0.02, 0.03)	0.945	0.721	-0.001	0.023	0.965	-1.02e-03 (-0.05, 0.04)	0.000	0.854	-0.002	0.019	0.899	-2.46e-03 (-0.04, 0.04)	-0.016	0.025	0.535	-0.02 (-0.07, 0.03)
Q9Y4G8	RAPGEF2	OID31337	192	0.003	0.014	0.826	2.99e-03 (-0.02, 0.03)	0.945	0.001	0.017	0.026	0.529	0.02 (-0.04, 0.07)	-0.001	0.546	0.002	0.025	0.931	2.17e-03 (-0.05, 0.05)	-0.001	0.023	0.954	-1.33e-03 (-0.05, 0.04)
P50591	TNFSF10	OID20611	192	0.003	0.015	0.828	3.25e-03 (-0.03, 0.03)	0.946	1.36E-11	0.046	0.029	0.115	0.05 (-0.01, 0.10)	-0.003	0.088	-0.006	0.022	0.804	-0.01 (-0.05, 0.04)	0.005	0.024	0.819	0.01 (-0.04, 0.05)
P33151	CDH5	OID20243	192	0.004	0.017	0.829	3.69e-03 (-0.03, 0.04)	0.947	2.07E-28	-0.001	0.033	0.986	-5.78e-04 (-0.07, 0.06)	0.000	0.881	-0.010	0.022	0.660	-0.01 (-0.05, 0.03)	-0.013	0.021	0.536	-0.01 (-0.05, 0.03)
Q9NZD4	AHSP	OID21078	192	0.003	0.014	0.831	3.09e-03 (-0.03, 0.03)	0.947	8.98E-09	-0.002	0.028	0.948	-1.82e-03 (-0.06, 0.05)	0.000	0.838	0.020	0.023	0.374	0.02 (-0.02, 0.06)	0.014	0.021	0.505	0.01 (-0.03, 0.06)
P25686	DNAJB2	OID30661	100	0.003	0.016	0.830	3.34e-03 (-0.03, 0.03)	0.947	0.987	-0.017	0.027	0.538	-0.02 (-0.07, 0.04)	0.001	0.369	-0.002	0.028	0.937	-2.24e-03 (-0.06, 0.05)	-0.017	0.025	0.497	-0.02 (-0.07, 0.03)
P68106	FKBP1B	OID20618	192	-0.003	0.014	0.830	-3.01e-03 (-0.03, 0.02	0.947	5.44E-05	0.001	0.027	0.980	6.83e-04 (-0.05, 0.05)	0.000	0.874	-0.005	0.023	0.834	-4.86e-03 (-0.05, 0.04)	-0.012	0.022	0.601	-0.01 (-0.06, 0.03)
Q9UJC5	SH3BGRL2	OID30863	192	0.003	0.012	0.830	2.60e-03 (-0.02, 0.03)	0.947	0.078	0.025	0.025	0.324	0.02 (-0.02, 0.07)	-0.001	0.303	0.020	0.023	0.397	0.02 (-0.03, 0.07)	0.026	0.024	0.279	0.03 (-0.02, 0.07)
P55011	SLC12A2	OID30077	192	-0.003	0.012	0.831	-2.59e-03 (-0.03, 0.02	0.947	0.631	-0.015	0.024	0.524	-0.01 (-0.06, 0.03)	0.001	0.539	-0.019	0.023	0.395	-0.02 (-0.06, 0.03)	-0.012	0.023	0.604	-0.01 (-0.06, 0.03)
Q9BQE9	BCL7B	OID31421	192	-0.003	0.013	0.832	-2.82e-03 (-0.03, 0.02	0.948	0.013	-0.009	0.026	0.731	-0.01 (-0.06, 0.04)	0.000	0.784	-0.020	0.024	0.408	-0.02 (-0.07, 0.03)	-0.024	0.025	0.352	-0.02 (-0.07, 0.03)
P12724	RNASE3	OID20203	192	0.002	0.011	0.832	2.43e-03 (-0.02, 0.02)	0.948	0.125	-0.003	0.024	0.894	-3.16e-03 (-0.05, 0.04)	0.000	0.782	0.006	0.023	0.781	0.01 (-0.04, 0.05)	-0.003	0.023	0.907	-2.64e-03 (-0.05, 0.04)
Q86SQ7	SDCCAG8	OID31423	192	-0.003	0.013	0.832	-2.67e-03 (-0.03, 0.02	0.948	0.025	-0.004	0.024	0.883	-3.61e-03 (-0.05, 0.04)	0.000	0.964	-0.011	0.024	0.664	-0.01 (-0.06, 0.04)	-0.016	0.023	0.491	-0.02 (-0.06, 0.03)
Q99717	SMAD5	OID21353	192	0.004	0.020	0.833	4.31e-03 (-0.04, 0.04)	0.948	2.36E-44	-0.053	0.039	0.176	-0.05 (-0.13, 0.02)	0.004	0.088	-0.011	0.020	0.571	-0.01 (-0.05, 0.03)	-0.020	0.022	0.376	-0.02 (-0.06, 0.02)
Q5T4W7	ARTN	OID20446	192	-0.003	0.012	0.835	-2.52e-03 (-0.03, 0.02	0.949	0.336	0.023	0.024	0.334	0.02 (-0.02, 0.07)	-0.002	0.212	0.004	0.025	0.876	3.87e-03 (-0.04, 0.05)	0.005	0.023	0.833	4.90e-03 (-0.04, 0.05)
P17538	CTRB1	OID21150	192	-0.007	0.032	0.834	-0.01 (-0.07, 0.06)	0.949	3.07E-237	0.071	0.062	0.254	0.07 (-0.05, 0.19)	-0.005	0.145	0.007	0.022	0.741	0.01 (-0.04, 0.05)	0.014	0.022	0.530	0.01 (-0.03, 0.06)
Q8N149	LILRA2	OID21152	192	-0.003	0.014	0.835	-2.85e-03 (-0.03, 0.02	0.949	3.54E-11	-0.058	0.026	0.027	-0.06 (-0.11, -0.01)	0.004	0.014	-0.055	0.017	0.001	-0.05 (-0.09, -0.02)	-0.056	0.022	0.010	-0.06 (-0.10, -0.01)
Q06323	PSME1	OID20969	192	0.003	0.013	0.835	2.63e-03 (-0.02, 0.03)	0.949	0.026	-0.003	0.025	0.891	-3.38e-03 (-0.05, 0.04)	0.000	0.775	-0.008	0.023	0.744	-0.01 (-0.05, 0.04)	-0.018	0.022	0.423	-0.02 (-0.06, 0.03)
O14745	SLC9A3R1	OID30630	192	-0.003	0.013	0.835	-2.72e-03 (-0.03, 0.02	0.949	0.021	-0.019	0.025	0.460	-0.02 (-0.07, 0.03)	0.001	0.461	-0.004	0.023	0.864	-4.01e-03 (-0.05, 0.04)	-0.016	0.023	0.501	-0.02 (-0.06, 0.03)
B6SEH8	ERVV-1	OID30094	60	0.004	0.019	0.834	3.98e-03 (-0.03, 0.04)	0.949	0.373	-0.043	0.030	0.156	-0.04 (-0.10, 0.02)	0.004	0.048	-0.018	0.028	0.514	-0.02 (-0.07, 0.04)	-0.013	0.027	0.633	-0.01 (-0.07, 0.04)
Q30KQ4	DEFB116	OID30823	192	0.003	0.014	0.837	2.81e-03 (-0.02, 0.03)	0.950	0.006	0.036	0.026	0.175	0.04 (-0.02, 0.09)	-0.002	0.144	0.015	0.025	0.540	0.02 (-0.03, 0.06)	0.006	0.025	0.805	0.01 (-0.04, 0.05)
P40313	CTRL	OID31157	192	0.006	0.028	0.838	0.01 (-0.05, 0.06)	0.950	1.59E-142	0.088	0.054	0.109	0.09 (-0.02, 0.19)	-0.005	0.080	0.004	0.022	0.854	4.09e-03 (-0.04, 0.05)	0.004	0.021	0.851	3.92e-03 (-0.04, 0.04)
O75347	TBCA	OID30616	192	0.003	0.013	0.838	2.66e-03 (-0.02, 0.03)	0.950	0.022	0.001	0.025	0.974	8.11e-04 (-0.05, 0.05)	0.000	0.932	0.005	0.023	0.843	4.58e-03 (-0.04, 0.05)	-0.007	0.023	0.748	-0.01 (-0.05, 0.04)
P22303	ACHE	OID30585	192	0.003	0.017	0.838	3.38e-03 (-0.03, 0.04)	0.950	1.03E-21	0.024	0.032	0.448	0.02 (-0.04, 0.09)	-0.001	0.445	-0.002	0.022	0.942	-1.57e-03 (-0.04, 0.04)	0.002	0.023	0.945	1.60e-03 (-0.04, 0.05)
Q13936	CACNA1C	OID30840	192	0.002	0.012	0.839	2.46e-03 (-0.02, 0.03)	0.951	0.387	-0.021	0.024	0.377	-0.02 (-0.07, 0.03)	0.001	0.250	-0.002	0.026	0.942	-1.91e-03 (-0.05, 0.05)	0.002	0.024	0.951	1.51e-03 (-0.05, 0.05)
Q96NA2	RILP	OID21436	192	-0.003	0.013	0.839	-2.55e-03 (-0.03, 0.02	0.951	0.033	0.005	0.024	0.824	0.01 (-0.04, 0.05)	-0.001	0.704	0.008	0.024	0.730	0.01 (-0.04, 0.06)	-0.009	0.022	0.694	-0.01 (-0.05, 0.03)
Q02223	TNFRSF17	OID30589	192	0.003	0.017	0.840	3.39e-03 (-0.03, 0.04)	0.951	6.45E-16	0.007	0.033	0.841	0.01 (-0.06, 0.07)	0.000	0.910	-0.012	0.021	0.574	-0.01 (-0.05, 0.03)	-0.016	0.024	0.510	-0.02 (-0.06, 0.03)
O14662	STX16	OID21170	192	0.003	0.013	0.841	2.63e-03 (-0.02, 0.03)	0.951	0.033	-0.022	0.025	0.389	-0.02 (-0.07, 0.03)	0.002	0.260	-0.029	0.021	0.165	-0.03 (-0.07, 0.01)	-0.033	0.025	0.185	-0.03 (-0.08, 0.02)
P19971	TYMP	OID20234	192	-0.003	0.013	0.840	-2.70e-03 (-0.03, 0.02	0.951	0.003	-0.021	0.026	0.415	-0.02 (-0.07, 0.03)	0.001	0.406	-0.026	0.024	0.280	-0.03 (-0.07, 0.02)	-0.025	0.023	0.273	-0.02 (-0.07, 0.02)
P30043	BLVRB	OID21141	192	-0.002	0.011	0.843	-2.25e-03 (-0.02, 0.02	0.953	0.252	-0.008	0.023	0.734	-0.01 (-0.05, 0.04)	0.000	0.778	0.012	0.022	0.570	0.01 (-0.03, 0.06)	0.008	0.021	0.682	0.01 (-0.03, 0.05)
P46926	GNPDA1	OID30197	192	-0.002	0.012	0.844	-2.33e-03 (-0.03, 0.02	0.954	0.470	0.004	0.023	0.846	4.48e-03 (-0.04, 0.05)	0.000	0.730	-0.016	0.020	0.427	-0.02 (-0.05, 0.02)	-0.027	0.025	0.282	-0.03 (-0.08, 0.02)
P48436	SOX9	OID30905	192	0.003	0.014	0.844	2.76e-03 (-0.02, 0.03)	0.954	0.001	0.008	0.027	0.779	0.01 (-0.05, 0.06)	0.000	0.834	-0.042	0.023	0.060	-0.04 (-0.09, 1.79e-03)	-0.042	0.027	0.119	-0.04 (-0.10, 0.01)
P41586	ADCYAP1R1	OID21188	192	0.002	0.012	0.844	2.37e-03 (-0.02, 0.03)	0.954	0.537	-0.017	0.023	0.469	-0.02 (-0.06, 0.03)	0.001	0.335	0.007	0.025	0.790	0.01 (-0.04, 0.05)	0.008	0.022	0.711	0.01 (-0.03, 0.05)
O00241	SIRPB1	OID20739	192	0.002	0.011	0.845	2.16e-03 (-0.02, 0.02)	0.954	0.001	0.004	0.021	0.868	3.57e-03 (-0.04, 0.05)	0.000	0.939	0.004	0.019	0.848	3.71e-03 (-0.03, 0.04)	0.004	0.019	0.845	3.72e-03 (-0.03, 0.04)
P21781	FGF7	OID31241	192	-0.002	0.012	0.847	-2.35e-03 (-0.03, 0.02	0.954	0.906	-0.044	0.024	0.064	-0.04 (-0.09, 2.21e-03)	0.003	0.040	-0.030	0.020	0.133	-0.03 (-0.07, 0.01)	-0.057	0.025	0.022	-0.06 (-0.10, -0.01)
P34947	GRK5	OID20066	192	-0.003	0.013	0.847	-2.59e-03 (-0.03, 0.02	0.954	0.009	-0.031	0.026	0.240	-0.03 (-0.08, 0.02)	0.002	0.210	0.004	0.024	0.862	4.19e-03 (-0.04, 0.05)	-0.016	0.025	0.535	-0.02 (-0.06, 0.03)
Q6UX82	LYPD8	OID21251	192	-0.003	0.016	0.847	-3.07e-03 (-0.03, 0.03	0.954	2.75E-16	-0.017	0.031	0.571	-0.02 (-0.08, 0.04)	0.001	0.585	-0.004	0.022	0.849	-4.14e-03 (-0.05, 0.04)	0.006	0.020	0.769	0.01 (-0.03, 0.05)
O00194	RAB27B	OID30354	192	-0.003	0.014	0.846	-2.73e-03 (-0.03, 0.02	0.954	1.01E-04	-0.013	0.027	0.638	-0.01 (-0.07, 0.04)	0.001	0.665	-0.002	0.024	0.938	-1.83e-03 (-0.05, 0.04)	-0.009	0.023	0.710	-0.01 (-0.05, 0.04)
P02786	TFRC	OID20369	192	-0.003	0.016	0.845	-3.08e-03 (-0.03, 0.03	0.954	4.26E-17	-0.045	0.030	0.136	-0.05 (-0.11, 0.01)	0.003	0.105	-0.022	0.022	0.321	-0.02 (-0.06, 0.02)	-0.023	0.021	0.294	-0.02 (-0.06, 0.02)
O75351	VPS4B	OID31386	192	-0.003	0.014	0.847	-2.64e-03 (-0.03, 0.02	0.954	0.001	-0.008	0.027	0.751	-0.01 (-0.06, 0.04)	0.000	0.799	0.003	0.023	0.892	3.15e-03 (-0.04, 0.05)	-0.001	0.024	0.976	-7.26e-04 (-0.05, 0.05)
Q8TBM8	DNAJB14	OID31434	192	-0.003	0.013	0.847	-2.59e-03 (-0.03, 0.02	0.955	0.003	-0.023	0.026	0.375	-0.02 (-0.07, 0.03)	0.001	0.357	-0.024	0.023	0.289	-0.02 (-0.07, 0.02)	-0.028	0.024	0.238	-0.03 (-0.07, 0.02)
Q9ULR5	PAIP2B	OID31228	192	0.002	0.012	0.848	2.33e-03 (-0.02, 0.03)	0.955	0.559	-0.007	0.024	0.756	-0.01 (-0.05, 0.04)	0.001	0.632	0.004	0.025	0.879	3.75e-03 (-0.04, 0.05)	0.020	0.025	0.413	0.02 (-0.03, 0.07)
P36888	FLT3	OID21272	192	-0.003	0.013	0.849	-2.54e-03 (-0.03, 0.02	0.955	0.008	0.032	0.026	0.210	0.03 (-0.02, 0.08)	-0.002	0.115	0.011	0.026	0.655	0.01 (-0.04, 0.06)	0.026	0.024	0.283	0.03 (-0.02, 0.07)
O75506	HSBP1	OID30232	192	-0.002	0.012	0.849	-2.27e-03 (-0.03, 0.02	0.955	0.027	-0.007	0.023	0.763	-0.01 (-0.05, 0.04)	0.000	0.812	-0.007	0.021	0.722	-0.01 (-0.05, 0.03)	-0.009	0.022	0.689	-0.01 (-0.05, 0.03)
Q9NX58	LYAR	OID21264	192	-0.002	0.012	0.849	-2.29e-03 (-0.03, 0.02	0.955	0.424	0.017	0.023	0.460	0.02 (-0.03, 0.06)	-0.001	0.329	-0.024	0.022	0.262	-0.02 (-0.07, 0.02)	-0.008	0.024	0.752	-0.01 (-0.05, 0.04)
P05187	ALPP	OID21383	192	-0.004	0.023	0.850	-4.39e-03 (-0.05, 0.04	0.955	5.04E-98	0.011	0.045	0.814	0.01 (-0.08, 0.10)	-0.001	0.698	0.033	0.017	0.059	0.03 (-1.25e-03, 0.07)	0.049	0.024	0.042	0.05 (2.12e-03, 0.10)
O95633	FSTL3	OID20782	192	0.003	0.016	0.850	3.08e-03 (-0.03, 0.03)	0.955	1.29E-16	-0.090	0.031	0.003	-0.09 (-0.15, -0.03)	0.006	4.45E-04	-0.053	0.022	0.018	-0.05 (-0.10, -0.01)	-0.052	0.023	0.025	-0.05 (-0.10, -0.01)
P30040	ERP29	OID30578	192	-0.003	0.014	0.852	-2.59e-03 (-0.03, 0.02	0.956	0.001	-0.011	0.027	0.683	-0.01 (-0.06, 0.04)	0.001	0.716	-0.011	0.024	0.642	-0.01 (-0.06, 0.04)	-0.027	0.023	0.252	-0.03 (-0.07, 0.02)
P35916	FLT4	OID21491	192	0.005	0.024	0.852	4.51e-03 (-0.04, 0.05)	0.956	1.50E-127	0.002	0.047	0.974	1.52e-03 (-0.09, 0.09)	0.000	0.940	0.021	0.021	0.304	0.02 (-0.02, 0.06)	0.022	0.020	0.275	0.02 (-0.02, 0.06)
Q13576	IQGAP2	OID21361	192	0.002	0.013	0.851	2.50e-03 (-0.02, 0.03)	0.956	0.004	-0.026	0.026	0.306	-0.03 (-0.08, 0.02)	0.002	0.191	-0.030	0.023	0.184	-0.03 (-0.07, 0.01)	-0.033	0.023	0.147	-0.03 (-0.08, 0.01)
Q12986	NFX1	OID30158	192	0.003	0.013	0.851	2.51e-03 (-0.02, 0.03)	0.956	0.002	-0.001	0.026	0.976	-7.82e-04 (-0.05, 0.05)	0.000	0.883	0.014	0.025	0.579	0.01 (-0.04, 0.06)	-0.002	0.023	0.944	-1.62e-03 (-0.05, 0.04)
P61026	RAB10	OID30357	192	-0.003	0.014	0.852	-2.60e-03 (-0.03, 0.02	0.956	2.69E-04	-0.015	0.027	0.587	-0.01 (-0.07, 0.04)	0.001	0.601	0.003	0.025	0.894	3.31e-03 (-0.05, 0.05)	-0.003	0.021	0.869	-3.49e-03 (-0.04, 0.04)
Q19T08	ECSCR	OID30831	192	0.002	0.012	0.853	2.25e-03 (-0.02, 0.03)	0.956	0.084	0.020	0.025	0.416	0.02 (-0.03, 0.07)	-0.001	0.398	-0.008	0.025	0.747	-0.01 (-0.06, 0.04)	0.007	0.025	0.779	0.01 (-0.04, 0.06)
O43561	LAT	OID20640	192	-0.003	0.015	0.853	-2.72e-03 (-0.03, 0.03	0.956	8.55E-07	-0.007	0.028	0.812	-0.01 (-0.06, 0.05)	0.000	0.867	0.004	0.023	0.851	4.29e-03 (-0.04, 0.05)	0.001	0.024	0.951	1.47e-03 (-0.05, 0.05)
P0DN86;P0	CGB5;CGB8;C	OID30671	192	-0.002	0.011	0.854	-2.01e-03 (-0.02, 0.02	0.956	0.107	-0.001	0.023	0.970	-8.35e-04 (-0.04, 0.04)	0.000	0.952	-0.014	0.019	0.472	-0.01 (-0.05, 0.02)	-0.021	0.022	0.345	-0.02 (-0.07, 0.02)
Q08AG7	MZT1	OID21186	192	-0.002	0.013	0.855	-2.46e-03 (-0.03, 0.02	0.956	0.005	-0.008	0.026	0.757	-0.01 (-0.06, 0.04)	0.000	0.801	-0.001	0.024	0.969	-9.59e-04 (-0.05, 0.05)	0.001	0.026	0.962	1.26e-03 (-0.05, 0.05)
Q53GL0	PLEKHO1	OID31088	192	0.002	0.013	0.855	2.33e-03 (-0.02, 0.03)	0.956	0.026	0.003	0.025	0.903	3.02e-03 (-0.05, 0.05)	0.000	0.974	0.011	0.021	0.610	0.01 (-0.03, 0.05)	0.011	0.024	0.657	0.01 (-0.04, 0.06)
O75475	PSIP1	OID20534	70	-0.003	0.017	0.854	-3.19e-03 (-0.04, 0.03	0.956	0.080	-0.022	0.032	0.492	-0.02 (-0.08, 0.04)	0.001	0.459	-0.017	0.027	0.530	-0.02 (-0.07, 0.04)	-0.014	0.023	0.542	-0.01 (-0.06, 0.03)
P54577	YARS1	OID31494	192	-0.003	0.014	0.854	-2.51e-03 (-0.03, 0.02	0.956	0.001	-0.022	0.027	0.409	-0.02 (-0.07, 0.03)	0.001	0.394	-0.012	0.024	0.627	-0.01 (-0.06, 0.04)	-0.020	0.023	0.382	-0.02 (-0.06, 0.02)
Q12860	CNTN1	OID20307	192	-0.002	0.014	0.856	-2.48e-03 (-0.03, 0.02	0.957	7.58E-10	0.028	0.026	0.292	0.03 (-0.02, 0.08)	-0.002	0.180	0.023	0.019	0.221	0.02 (-0.01, 0.06)	0.020	0.021	0.352	0.02 (-0.02, 0.06)
P17174	GOT1	OID30417	192	-0.003	0.016	0.857	-2.88e-03 (-0.03, 0.03	0.958	3.22E-14	-0.030	0.031	0.331	-0.03 (-0.09, 0.03)	0.002	0.304	-0.046	0.021	0.032	-0.05 (-0.09, -4.04e-03)	-0.053	0.023	0.020	-0.05 (-0.10, -0.01)
O60238	BNIP3L	OID30525	192	-0.003	0.014	0.858	-2.51e-03 (-0.03, 0.03	0.959	1.16E-04	-0.006	0.027	0.816	-0.01 (-0.06, 0.05)	0.000	0.870	-0.010	0.026	0.693	-0.01 (-0.06, 0.04)	-0.017	0.026	0.498	-0.02 (-0.07, 0.03)
Q9NRD8	DUOX2	OID20059	192	-0.002	0.012	0.858	-2.16e-03 (-0.03, 0.02	0.959	0.188	0.020	0.024	0.416	0.02 (-0.03, 0.07)	-0.001	0.293	0.008	0.026	0.748	0.01 (-0.04, 0.06)	0.007	0.025	0.789	0.01 (-0.04, 0.05)
P00813	ADA	OID20645	192	-0.002	0.012	0.860	-2.16e-03 (-0.03, 0.02	0.960	1.19E-04	-0.026	0.024	0.267	-0.03 (-0.07, 0.02)	0.002	0.234	-0.029	0.019	0.125	-0.03 (-0.07, 0.01)	-0.020	0.021	0.334	-0.02 (-0.06, 0.02)
Q8NHS0	DNAJB8	OID20093	192	-0.002	0.012	0.860	-2.11e-03 (-0.03, 0.02	0.960	0.188	0.033	0.024	0.170	0.03 (-0.01, 0.08)	-0.002	0.089	0.006	0.025	0.814	0.01 (-0.04, 0.06)	0.003	0.023	0.901	2.81e-03 (-0.04, 0.05)
Q6UX15	LAYN	OID20970	192	-0.003	0.014	0.861	-2.55e-03 (-0.03, 0.03	0.960	1.33E-10	-0.026	0.028	0.363	-0.03 (-0.08, 0.03)	0.001	0.339	-0.028	0.021	0.188	-0.03 (-0.07, 0.01)	-0.015	0.022	0.504	-0.02 (-0.06, 0.03)
Q8N5J2	MINDY1	OID31399	192	-0.003	0.019	0.861	-3.27e-03 (-0.04, 0.03	0.960	1.43E-28	0.006	0.036	0.867	0.01 (-0.07, 0.08)	-0.001	0.763	-0.025	0.025	0.317	-0.02 (-0.07, 0.02)	-0.036	0.023	0.123	-0.04 (-0.08, 0.01)
Q07325	CXCL9	OID20675	192	0.002	0.012	0.862	2.16e-03 (-0.02, 0.03)	0.960	0.002	0.017	0.024	0.470	0.02 (-0.03, 0.06)	-0.001	0.460	0.014	0.023	0.555	0.01 (-0.03, 0.06)	0.022	0.023	0.344	0.02 (-0.02, 0.07)
O14828	SCAMP3	OID21332	192	-0.002	0.013	0.862	-2.33e-03 (-0.03, 0.02	0.961	0.002	-0.013	0.026	0.630	-0.01 (-0.06, 0.04)	0.001	0.647	-0.013	0.025	0.586	-0.01 (-0.06, 0.03)	-0.032	0.022	0.149	-0.03 (-0.08, 0.01)
P78310	CXADR	OID20561	192	0.004	0.025	0.864	4.32e-03 (-0.04, 0.05)	0.962	1.22E-94	0.018	0.049	0.707	0.02 (-0.08, 0.11)	-0.001	0.737	0.032	0.024	0.187	0.03 (-0.02, 0.08)	0.023	0.026	0.387	0.02 (-0.03, 0.07)
Q32MZ4	LRRFIP1	OID31344	192	0.002	0.013	0.866	2.21e-03 (-0.02, 0.03)	0.964	0.004	-0.007	0.025	0.771	-0.01 (-0.06, 0.04)	0.001	0.658	0.006	0.024	0.812	0.01 (-0.04, 0.05)	0.001	0.023	0.971	8.39e-04 (-0.04, 0.05)
Q9NVZ3	NECAP2	OID30089	192	-0.002	0.014	0.865	-2.32e-03 (-0.03, 0.02	0.964	0.003	-0.019	0.027	0.487	-0.02 (-0.07, 0.03)	0.001	0.477	-0.032	0.023	0.169	-0.03 (-0.08, 0.01)	-0.031	0.024	0.207	-0.03 (-0.08, 0.02)
P56192	MARS1	OID30658	192	-0.002	0.013	0.866	-2.19e-03 (-0.03, 0.02	0.964	0.021	-0.012	0.025	0.646	-0.01 (-0.06, 0.04)	0.001	0.664	0.000	0.024	0.994	-1.79e-04 (-0.05, 0.05)	-0.016	0.022	0.463	-0.02 (-0.06, 0.03)
O75173	ADAMTS4	OID30471	192	0.002	0.012	0.870	1.93e-03 (-0.02, 0.02)	0.965	0.112	-0.017	0.024	0.488	-0.02 (-0.06, 0.03)	0.001	0.367	-0.027	0.021	0.198	-0.03 (-0.07, 0.01)	-0.020	0.025	0.441	-0.02 (-0.07, 0.03)
Q99856	ARID3A	OID30861	192	-0.002	0.012	0.869	-1.99e-03 (-0.03, 0.02	0.965	0.128	-0.045	0.025	0.069	-0.04 (-0.09, 3.16e-03)	0.003	0.042	-0.025	0.022	0.252	-0.02 (-0.07, 0.02)	-0.040	0.025	0.115	-0.04 (-0.09, 0.01)
O14618	CCS	OID20973	192	-0.002	0.011	0.868	-1.81e-03 (-0.02, 0.02	0.965	0.058	0.011	0.023	0.619	0.01 (-0.03, 0.06)	-0.001	0.501	0.012	0.023	0.589	0.01 (-0.03, 0.06)	0.006	0.023	0.786	0.01 (-0.04, 0.05)
Q9HCU4	CELSR2	OID30593	192	-0.002	0.013	0.869	-2.07e-03 (-0.03, 0.02	0.965	0.013	-0.011	0.024	0.664	-0.01 (-0.06, 0.04)	0.001	0.683	0.001	0.024	0.970	9.09e-04 (-0.05, 0.05)	-0.004	0.024	0.874	-3.77e-03 (-0.05, 0.04)
Q96FZ7	CHMP6	OID30327	192	0.002	0.013	0.869	2.22e-03 (-0.02, 0.03)	0.965	0.002	-0.009	0.026	0.725	-0.01 (-0.06, 0.04)	0.001	0.611	0.009	0.022	0.675	0.01 (-0.03, 0.05)	0.001	0.024	0.957	1.30e-03 (-0.05, 0.05)
P31994	FCGR2B	OID21215	192	0.004	0.023	0.870	3.73e-03 (-0.04, 0.05)	0.965	6.71E-70	-0.003	0.044	0.939	-3.36e-03 (-0.09, 0.08)	0.000	0.851	0.040	0.022	0.069	0.04 (-3.11e-03, 0.08)	0.034	0.022	0.126	0.03 (-0.01, 0.08)
P10636	MAPT	OID20830	192	-0.002	0.012	0.868	-2.01e-03 (-0.03, 0.02	0.965	0.603	-0.026	0.023	0.263	-0.03 (-0.07, 0.02)	0.002	0.228	-0.017	0.020	0.387	-0.02 (-0.06, 0.02)	-0.052	0.026	0.050	-0.05 (-0.10, -3.33e-04)
Q9P0J1	PDP1	OID21176	192	-0.002	0.012	0.868	-2.00e-03 (-0.03, 0.02	0.965	0.067	-0.028	0.025	0.260	-0.03 (-0.08, 0.02)	0.002	0.222	-0.021	0.020	0.306	-0.02 (-0.06, 0.02)	-0.014	0.024	0.574	-0.01 (-0.06, 0.03)
Q12933	TRAF2	OID20507	192	0.002	0.011	0.869	1.89e-03 (-0.02, 0.02)	0.965	0.286	0.003	0.023	0.885	3.29e-03 (-0.04, 0.05)	0.000	0.943	0.007	0.024	0.759	0.01 (-0.04, 0.05)	-0.006	0.024	0.815	-0.01 (-0.05, 0.04)
Q9NPG4	PCDH12	OID31045	192	-0.003	0.016	0.871	-2.60e-03 (-0.03, 0.03	0.965	5.72E-15	0.003	0.031	0.926	2.88e-03 (-0.06, 0.06)	0.000	0.837	-0.002	0.024	0.939	-1.84e-03 (-0.05, 0.05)	0.004	0.023	0.858	4.06e-03 (-0.04, 0.05)
Q9Y2W1	THRAP3	OID30053	192	0.002	0.012	0.871	1.97e-03 (-0.02, 0.03)	0.965	0.336	0.011	0.024	0.649	0.01 (-0.04, 0.06)	-0.001	0.664	-0.010	0.022	0.632	-0.01 (-0.05, 0.03)	-0.005	0.027	0.846	-0.01 (-0.06, 0.05)
Q92890	UFD1	OID31486	192	-0.002	0.014	0.870	-2.27e-03 (-0.03, 0.02	0.965	2.67E-04	-0.012	0.027	0.657	-0.01 (-0.06, 0.04)	0.001	0.674	-0.004	0.024	0.867	-4.09e-03 (-0.05, 0.04)	-0.010	0.021	0.643	-0.01 (-0.05, 0.03)
Q8TCZ2	CD99L2	OID21122	192	-0.003	0.021	0.872	-3.42e-03 (-0.05, 0.04	0.966	8.83E-49	-0.024	0.041	0.557	-0.02 (-0.11, 0.06)	0.001	0.556	-0.023	0.025	0.358	-0.02 (-0.07, 0.03)	-0.021	0.024	0.365	-0.02 (-0.07, 0.02)
P20936	RASA1	OID20826	192	0.002	0.012	0.872	1.95e-03 (-0.02, 0.03)	0.966	0.110	0.040	0.025	0.110	0.04 (-0.01, 0.09)	-0.002	0.076	0.037	0.023	0.099	0.04 (-0.01, 0.08)	0.036	0.024	0.139	0.04 (-0.01, 0.08)
Q96I25	RBM17	OID31034	192	-0.002	0.014	0.873	-2.20e-03 (-0.03, 0.02	0.966	0.001	-0.001	0.027	0.961	-1.32e-03 (-0.05, 0.05)	0.000	0.969	-0.006	0.024	0.807	-0.01 (-0.05, 0.04)	-0.006	0.023	0.789	-0.01 (-0.05, 0.04)
O75843	AP1G2	OID31348	192	0.002	0.013	0.875	1.99e-03 (-0.02, 0.03)	0.966	0.036	-0.007	0.025	0.783	-0.01 (-0.06, 0.04)	0.001	0.678	-0.013	0.023	0.584	-0.01 (-0.06, 0.03)	-0.019	0.023	0.413	-0.02 (-0.06, 0.03)
Q8IUN9	CLEC10A	OID20928	192	-0.003	0.016	0.875	-2.57e-03 (-0.03, 0.03	0.966	3.12E-22	-0.007	0.032	0.827	-0.01 (-0.07, 0.06)	0.000	0.872	-0.014	0.021	0.510	-0.01 (-0.06, 0.03)	-0.006	0.021	0.794	-0.01 (-0.05, 0.04)
P02778	CXCL10	OID20697	192	0.002	0.014	0.875	2.14e-03 (-0.02, 0.03)	0.966	2.69E-05	-0.004	0.026	0.889	-3.70e-03 (-0.06, 0.05)	0.000	0.797	-0.003	0.024	0.892	-3.20e-03 (-0.05, 0.04)	-0.007	0.026	0.797	-0.01 (-0.06, 0.04)
P35914	HMGCL	OID30214	192	-0.002	0.014	0.874	-2.22e-03 (-0.03, 0.03	0.966	0.001	-0.006	0.027	0.833	-0.01 (-0.06, 0.05)	0.000	0.880	-0.016	0.025	0.521	-0.02 (-0.07, 0.03)	-0.025	0.024	0.305	-0.02 (-0.07, 0.02)
Q8IYV9	IZUMO1	OID31159	192	-0.002	0.012	0.874	-1.90e-03 (-0.03, 0.02	0.966	0.760	0.008	0.023	0.722	0.01 (-0.04, 0.05)	-0.001	0.610	-0.007	0.024	0.781	-0.01 (-0.05, 0.04)	0.003	0.023	0.904	2.79e-03 (-0.04, 0.05)
P35579	MYH9	OID30382	192	0.002	0.015	0.874	2.31e-03 (-0.03, 0.03)	0.966	1.59E-06	-0.035	0.028	0.220	-0.03 (-0.09, 0.02)	0.002	0.127	-0.013	0.024	0.578	-0.01 (-0.06, 0.03)	-0.019	0.023	0.393	-0.02 (-0.06, 0.03)
Q13127	REST	OID31248	192	-0.002	0.012	0.875	-1.90e-03 (-0.03, 0.02	0.966	0.147	-0.010	0.025	0.678	-0.01 (-0.06, 0.04)	0.001	0.692	-0.009	0.026	0.716	-0.01 (-0.06, 0.04)	-0.008	0.025	0.743	-0.01 (-0.06, 0.04)
Q96JA1	LRIG1	OID21429	192	-0.002	0.013	0.877	-2.06e-03 (-0.03, 0.02	0.967	1.51E-11	-0.016	0.026	0.540	-0.02 (-0.07, 0.03)	0.001	0.533	-0.017	0.019	0.356	-0.02 (-0.05, 0.02)	-0.009	0.020	0.667	-0.01 (-0.05, 0.03)
P21817	RYR1	OID30085	192	-0.002	0.012	0.877	-1.88e-03 (-0.03, 0.02	0.967	0.451	0.009	0.024	0.707	0.01 (-0.04, 0.06)	-0.001	0.595	-0.020	0.023	0.387	-0.02 (-0.07, 0.03)	-0.018	0.022	0.403	-0.02 (-0.06, 0.02)
P40222	TXLNA	OID20952	192	-0.002	0.013	0.877	-1.96e-03 (-0.03, 0.02	0.967	0.041	-0.003	0.025	0.898	-3.17e-03 (-0.05, 0.05)	0.000	0.954	0.006	0.024	0.808	0.01 (-0.04, 0.05)	-0.013	0.025	0.598	-0.01 (-0.06, 0.04)
O43405	COCH	OID30305	192	-0.002	0.014	0.878	-2.12e-03 (-0.03, 0.02	0.967	3.66E-07	-0.018	0.027	0.489	-0.02 (-0.07, 0.03)	0.001	0.475	-0.016	0.019	0.412	-0.02 (-0.05, 0.02)	-0.008	0.023	0.717	-0.01 (-0.05, 0.04)
Q8IXJ6	SIRT2	OID21375	192	-0.002	0.013	0.878	-2.07e-03 (-0.03, 0.02	0.967	0.002	-0.002	0.026	0.944	-1.84e-03 (-0.05, 0.05)	0.000	0.992	-0.009	0.025	0.708	-0.01 (-0.06, 0.04)	-0.024	0.023	0.294	-0.02 (-0.07, 0.02)
Q8N436	CPXM2	OID30322	192	0.002	0.013	0.879	1.91e-03 (-0.02, 0.03)	0.968	3.97E-04	-0.025	0.025	0.311	-0.03 (-0.07, 0.02)	0.002	0.207	-0.014	0.021	0.498	-0.01 (-0.05, 0.03)	-0.016	0.022	0.451	-0.02 (-0.06, 0.03)
Q5U5Z8	AGBL2	OID30793	192	-0.002	0.012	0.881	-1.82e-03 (-0.03, 0.02	0.968	0.471	0.017	0.024	0.478	0.02 (-0.03, 0.06)	-0.001	0.359	0.003	0.025	0.914	2.73e-03 (-0.05, 0.05)	0.003	0.023	0.911	2.55e-03 (-0.04, 0.05)
O14791	APOL1	OID30708	192	-0.002	0.013	0.880	-2.03e-03 (-0.03, 0.02	0.968	1.77E-07	-0.001	0.026	0.982	-6.00e-04 (-0.05, 0.05)	0.000	0.949	-0.004	0.023	0.875	-3.63e-03 (-0.05, 0.04)	-0.006	0.022	0.793	-0.01 (-0.05, 0.04)
P40259	CD79B	OID20635	192	0.002	0.017	0.881	2.49e-03 (-0.03, 0.04)	0.968	4.60E-18	-0.029	0.032	0.363	-0.03 (-0.09, 0.03)	0.002	0.249	-0.036	0.020	0.068	-0.04 (-0.07, 2.71e-03)	-0.041	0.022	0.061	-0.04 (-0.08, 1.69e-03)
P16234	PDGFRA	OID20133	192	0.002	0.016	0.881	2.47e-03 (-0.03, 0.03)	0.968	1.08E-17	0.004	0.032	0.897	4.16e-03 (-0.06, 0.07)	0.000	0.951	0.011	0.021	0.593	0.01 (-0.03, 0.05)	-0.001	0.023	0.968	-9.28e-04 (-0.05, 0.04)
Q96EB6	SIRT1	OID30439	192	0.002	0.012	0.881	1.80e-03 (-0.02, 0.03)	0.968	0.062	0.040	0.025	0.108	0.04 (-0.01, 0.09)	-0.002	0.074	-0.022	0.022	0.308	-0.02 (-0.06, 0.02)	-0.014	0.026	0.586	-0.01 (-0.06, 0.04)
Q9GZT3	SLIRP	OID31174	192	-0.002	0.012	0.882	-1.81e-03 (-0.03, 0.02	0.968	0.567	-0.019	0.024	0.409	-0.02 (-0.07, 0.03)	0.001	0.382	-0.032	0.021	0.134	-0.03 (-0.07, 0.01)	-0.029	0.023	0.197	-0.03 (-0.07, 0.02)
P78362	SRPK2	OID20502	192	-0.002	0.014	0.882	-2.02e-03 (-0.03, 0.02	0.968	0.001	-0.010	0.026	0.692	-0.01 (-0.06, 0.04)	0.001	0.708	-0.005	0.024	0.852	-4.50e-03 (-0.05, 0.04)	-0.022	0.026	0.384	-0.02 (-0.07, 0.03)
P51692	STAT5B	OID21277	192	0.002	0.013	0.883	1.89e-03 (-0.02, 0.03)	0.969	0.035	0.005	0.025	0.832	0.01 (-0.04, 0.05)	0.000	0.873	-0.003	0.025	0.913	-2.69e-03 (-0.05, 0.05)	-0.004	0.023	0.849	-4.46e-03 (-0.05, 0.04)
Q6P589	TNFAIP8L2	OID30629	192	0.002	0.013	0.883	1.96e-03 (-0.02, 0.03)	0.969	0.009	-0.005	0.026	0.837	-0.01 (-0.06, 0.05)	0.000	0.742	-0.008	0.022	0.736	-0.01 (-0.05, 0.04)	-0.017	0.023	0.467	-0.02 (-0.06, 0.03)
Q96JB5	CDK5RAP3	OID30985	192	0.002	0.014	0.886	1.94e-03 (-0.02, 0.03)	0.969	0.003	-0.015	0.026	0.577	-0.01 (-0.07, 0.04)	0.001	0.461	-0.030	0.023	0.182	-0.03 (-0.07, 0.01)	-0.035	0.023	0.136	-0.03 (-0.08, 0.01)
Q6P2H3	CEP85	OID21241	192	0.002	0.014	0.886	2.03e-03 (-0.03, 0.03)	0.969	4.19E-05	-0.025	0.027	0.364	-0.02 (-0.08, 0.03)	0.002	0.252	-0.029	0.022	0.193	-0.03 (-0.07, 0.01)	-0.028	0.022	0.218	-0.03 (-0.07, 0.02)
Q9H777	ELAC1	OID31029	192	-0.002	0.014	0.884	-2.04e-03 (-0.03, 0.03	0.969	1.45E-04	0.001	0.027	0.969	1.05e-03 (-0.05, 0.05)	0.000	0.894	-0.001	0.021	0.967	-8.77e-04 (-0.04, 0.04)	-0.018	0.022	0.422	-0.02 (-0.06, 0.03)
Q5JSP0	FGD3	OID31040	192	-0.002	0.013	0.886	-1.93e-03 (-0.03, 0.02	0.969	0.002	-0.001	0.026	0.961	-1.29e-03 (-0.05, 0.05)	0.000	0.977	0.009	0.023	0.696	0.01 (-0.04, 0.05)	-0.005	0.024	0.841	-4.82e-03 (-0.05, 0.04)
Q16775	HAGH	OID21459	192	0.002	0.011	0.885	1.60e-03 (-0.02, 0.02)	0.969	0.867	0.000	0.021	0.998	5.91e-05 (-0.04, 0.04)	0.000	0.933	0.019	0.021	0.350	0.02 (-0.02, 0.06)	0.015	0.020	0.464	0.01 (-0.02, 0.05)
Q9UKP3	ITGB1BP2	OID20112	192	0.002	0.012	0.885	1.72e-03 (-0.02, 0.02)	0.969	0.126	-0.012	0.024	0.633	-0.01 (-0.06, 0.04)	0.001	0.522	-0.001	0.025	0.954	-1.47e-03 (-0.05, 0.05)	-0.007	0.023	0.768	-0.01 (-0.05, 0.04)
P43629	KIR3DL1	OID21185	192	0.001	0.009	0.885	1.31e-03 (-0.02, 0.02)	0.969	0.002	0.002	0.018	0.900	2.23e-03 (-0.03, 0.04)	0.000	0.952	-0.014	0.015	0.348	-0.01 (-0.04, 0.02)	0.000	0.018	0.978	-4.90e-04 (-0.04, 0.03)
Q687X5	STEAP4	OID30846	192	0.002	0.012	0.884	1.77e-03 (-0.02, 0.03)	0.969	0.608	0.000	0.023	0.984	4.70e-04 (-0.05, 0.05)	0.000	0.949	0.003	0.024	0.916	2.55e-03 (-0.04, 0.05)	0.008	0.024	0.724	0.01 (-0.04, 0.06)
Q86VP1	TAX1BP1	OID31075	192	0.002	0.013	0.885	1.95e-03 (-0.02, 0.03)	0.969	0.001	-0.010	0.026	0.698	-0.01 (-0.06, 0.04)	0.001	0.589	-0.003	0.025	0.907	-2.93e-03 (-0.05, 0.05)	-0.012	0.025	0.621	-0.01 (-0.06, 0.04)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	Gene	OID	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
Q9UI15	TAGLN3	OID31225	192	0.002	0.012	0.886	1.74e-03 (-0.02, 0.03)	0.969	0.310	0.013	0.024	0.585	0.01 (-0.03, 0.06)	-0.001	0.579	0.019	0.025	0.441	0.02 (-0.03, 0.07)	0.013	0.024	0.594	0.01 (-0.03, 0.06)
Q08378	GOLGA3	OID31026	192	-0.002	0.014	0.887	-1.98e-03 (-0.03, 0.03	0.969	5.75E-05	0.008	0.027	0.768	0.01 (-0.05, 0.06)	-0.001	0.668	0.010	0.024	0.692	0.01 (-0.04, 0.06)	0.024	0.023	0.285	0.02 (-0.02, 0.07)
Q96KJ4	MSLNL	OID30939	192	0.002	0.012	0.887	1.71e-03 (-0.02, 0.03)	0.969	0.913	-0.014	0.023	0.543	-0.01 (-0.06, 0.03)	0.001	0.426	-0.016	0.023	0.497	-0.02 (-0.06, 0.03)	-0.022	0.023	0.342	-0.02 (-0.07, 0.02)
O95793	STAU1	OID31210	192	0.002	0.013	0.887	1.90e-03 (-0.02, 0.03)	0.969	0.020	0.008	0.026	0.750	0.01 (-0.04, 0.06)	0.000	0.775	-0.016	0.021	0.450	-0.02 (-0.06, 0.03)	0.000	0.023	0.999	-1.60e-05 (-0.05, 0.05)
Q8IY33	MICALL2	OID30889	192	-0.002	0.014	0.889	-1.94e-03 (-0.03, 0.03	0.970	3.04E-04	-0.020	0.027	0.454	-0.02 (-0.07, 0.03)	0.001	0.430	-0.011	0.025	0.656	-0.01 (-0.06, 0.04)	-0.022	0.021	0.305	-0.02 (-0.06, 0.02)
O94979	SEC31A	OID30269	192	-0.002	0.014	0.888	-1.91e-03 (-0.03, 0.02	0.970	0.003	-0.006	0.026	0.831	-0.01 (-0.06, 0.05)	0.000	0.869	0.002	0.024	0.946	1.65e-03 (-0.05, 0.05)	-0.010	0.025	0.674	-0.01 (-0.06, 0.04)
Q96IW2	SHD	OID30098	192	-0.002	0.013	0.889	-1.85e-03 (-0.03, 0.02	0.970	0.029	-0.011	0.026	0.664	-0.01 (-0.06, 0.04)	0.001	0.672	-0.026	0.024	0.266	-0.03 (-0.07, 0.02)	-0.022	0.025	0.377	-0.02 (-0.07, 0.03)
Q96J84	KIRREL1	OID30806	192	-0.002	0.012	0.890	-1.68e-03 (-0.03, 0.02	0.970	0.230	0.004	0.024	0.883	3.60e-03 (-0.04, 0.05)	0.000	0.801	-0.003	0.024	0.913	-2.66e-03 (-0.05, 0.05)	0.012	0.025	0.640	0.01 (-0.04, 0.06)
O95670	ATP6V1G2	OID30167	192	-0.002	0.013	0.892	-1.78e-03 (-0.03, 0.02	0.970	0.046	-0.015	0.025	0.547	-0.02 (-0.07, 0.03)	0.001	0.534	0.019	0.023	0.422	0.02 (-0.03, 0.06)	0.011	0.023	0.643	0.01 (-0.03, 0.06)
P01225	FSHB	OID30233	192	0.001	0.008	0.891	1.09e-03 (-0.01, 0.02)	0.970	0.347	0.001	0.016	0.968	6.31e-04 (-0.03, 0.03)	0.000	0.973	-0.006	0.015	0.706	-0.01 (-0.04, 0.02)	-0.002	0.015	0.877	-2.27e-03 (-0.03, 0.03)
P30519	HMOX2	OID20887	192	0.002	0.016	0.892	2.22e-03 (-0.03, 0.03)	0.970	1.01E-12	-0.005	0.032	0.873	-0.01 (-0.07, 0.06)	0.000	0.788	0.018	0.025	0.454	0.02 (-0.03, 0.07)	0.011	0.024	0.649	0.01 (-0.04, 0.06)
Q9UHA7	IL36A	OID30472	192	0.002	0.012	0.891	1.66e-03 (-0.02, 0.03)	0.970	0.053	-0.021	0.025	0.408	-0.02 (-0.07, 0.03)	0.001	0.298	-0.009	0.026	0.720	-0.01 (-0.06, 0.04)	-0.011	0.025	0.645	-0.01 (-0.06, 0.04)
Q6GQQ9	OTUD7B	OID31064	192	0.002	0.013	0.891	1.80e-03 (-0.02, 0.03)	0.970	0.007	-0.013	0.026	0.615	-0.01 (-0.06, 0.04)	0.001	0.503	-0.009	0.024	0.711	-0.01 (-0.06, 0.04)	-0.027	0.023	0.244	-0.03 (-0.07, 0.02)
O43653	PSCA	OID31493	192	0.001	0.010	0.892	1.34e-03 (-0.02, 0.02)	0.970	7.73E-16	0.005	0.019	0.799	4.87e-03 (-0.03, 0.04)	0.000	0.829	-0.006	0.014	0.677	-0.01 (-0.03, 0.02)	0.000	0.014	0.978	-3.72e-04 (-0.03, 0.03)
P36952	SERPINB5	OID20064	192	0.002	0.012	0.891	1.65e-03 (-0.02, 0.03)	0.970	0.663	-0.022	0.023	0.358	-0.02 (-0.07, 0.02)	0.001	0.248	-0.010	0.024	0.687	-0.01 (-0.06, 0.04)	-0.017	0.023	0.456	-0.02 (-0.06, 0.03)
Q8WXX5	DNAJC9	OID31472	192	-0.002	0.013	0.893	-1.70e-03 (-0.03, 0.02	0.970	0.030	-0.013	0.024	0.585	-0.01 (-0.06, 0.03)	0.001	0.578	-0.025	0.023	0.274	-0.03 (-0.07, 0.02)	-0.027	0.024	0.256	-0.03 (-0.07, 0.02)
Q6Y7W6	GIGYF2	OID31062	192	-0.002	0.014	0.893	-1.83e-03 (-0.03, 0.02	0.970	0.001	-0.026	0.026	0.321	-0.03 (-0.08, 0.03)	0.002	0.282	-0.039	0.020	0.049	-0.04 (-0.08, -1.30e-04)	-0.037	0.023	0.109	-0.04 (-0.08, 0.01)
O60884	DNAJA2	OID20627	192	-0.002	0.013	0.894	-1.77e-03 (-0.03, 0.02	0.971	0.006	-0.019	0.026	0.454	-0.02 (-0.07, 0.03)	0.001	0.427	-0.010	0.024	0.674	-0.01 (-0.06, 0.04)	-0.017	0.025	0.499	-0.02 (-0.07, 0.03)
Q99674	CGREF1	OID20152	192	-0.002	0.019	0.896	-2.43e-03 (-0.04, 0.03	0.971	7.44E-47	-0.030	0.036	0.411	-0.03 (-0.10, 0.04)	0.002	0.379	-0.005	0.022	0.830	-4.69e-03 (-0.05, 0.04)	-0.018	0.021	0.393	-0.02 (-0.06, 0.02)
P32926	DSG3	OID21460	192	0.002	0.013	0.894	1.71e-03 (-0.02, 0.03)	0.971	1.20E-04	-0.027	0.025	0.280	-0.03 (-0.08, 0.02)	0.002	0.180	-0.026	0.020	0.186	-0.03 (-0.07, 0.01)	-0.015	0.020	0.465	-0.01 (-0.05, 0.02)
Q8WXW3	PIBF1	OID31061	192	0.002	0.013	0.896	1.73e-03 (-0.02, 0.03)	0.971	0.008	-0.007	0.026	0.774	-0.01 (-0.06, 0.04)	0.001	0.678	-0.017	0.025	0.482	-0.02 (-0.07, 0.03)	-0.024	0.023	0.305	-0.02 (-0.07, 0.02)
Q9BYZ8	REG4	OID20784	192	0.002	0.017	0.895	2.28e-03 (-0.03, 0.04)	0.971	9.31E-23	0.035	0.033	0.300	0.03 (-0.03, 0.10)	-0.002	0.258	0.035	0.024	0.141	0.04 (-0.01, 0.08)	0.043	0.022	0.056	0.04 (-9.04e-04, 0.09)
Q9BZW2	SLC13A1	OID31388	192	0.002	0.013	0.896	1.69e-03 (-0.02, 0.03)	0.971	0.040	0.005	0.025	0.835	0.01 (-0.04, 0.05)	0.000	0.869	0.010	0.025	0.703	0.01 (-0.04, 0.06)	-0.005	0.023	0.821	-0.01 (-0.05, 0.04)
O60749	SNX2	OID31374	192	-0.002	0.013	0.895	-1.73e-03 (-0.03, 0.02	0.971	0.016	-0.008	0.026	0.752	-0.01 (-0.06, 0.04)	0.000	0.772	-0.009	0.025	0.723	-0.01 (-0.06, 0.04)	-0.024	0.027	0.379	-0.02 (-0.08, 0.03)
Q9UHP3	USP25	OID31428	192	-0.002	0.013	0.896	-1.65e-03 (-0.03, 0.02	0.971	0.040	-0.007	0.024	0.782	-0.01 (-0.05, 0.04)	0.000	0.806	0.003	0.023	0.898	2.97e-03 (-0.04, 0.05)	-0.007	0.024	0.766	-0.01 (-0.05, 0.04)
Q6ZMJ4	IL34	OID20809	192	-0.001	0.010	0.897	-1.36e-03 (-0.02, 0.02	0.971	0.653	0.017	0.020	0.400	0.02 (-0.02, 0.06)	-0.001	0.289	-0.008	0.020	0.680	-0.01 (-0.05, 0.03)	-0.014	0.019	0.473	-0.01 (-0.05, 0.02)
Q8IYS5	OSCAR	OID20776	192	0.002	0.012	0.897	1.59e-03 (-0.02, 0.03)	0.971	2.07E-05	-0.028	0.024	0.233	-0.03 (-0.07, 0.02)	0.002	0.142	-0.022	0.017	0.190	-0.02 (-0.06, 0.01)	-0.015	0.019	0.429	-0.01 (-0.05, 0.02)
Q12836	ZP4	OID31185	192	-0.002	0.012	0.898	-1.56e-03 (-0.03, 0.02	0.972	0.124	0.012	0.025	0.629	0.01 (-0.04, 0.06)	-0.001	0.524	-0.009	0.025	0.726	-0.01 (-0.06, 0.04)	-0.015	0.024	0.516	-0.02 (-0.06, 0.03)
Q9Y2W6	TDRKH	OID20875	192	0.002	0.014	0.899	1.79e-03 (-0.03, 0.03)	0.972	2.34E-05	-0.007	0.027	0.806	-0.01 (-0.06, 0.05)	0.001	0.716	-0.011	0.025	0.674	-0.01 (-0.06, 0.04)	-0.020	0.022	0.376	-0.02 (-0.06, 0.02)
Q07075	ENPEP	OID30135	192	-0.002	0.012	0.899	-1.53e-03 (-0.03, 0.02	0.973	0.617	0.009	0.023	0.712	0.01 (-0.04, 0.05)	-0.001	0.612	-0.001	0.024	0.974	-7.99e-04 (-0.05, 0.05)	0.003	0.024	0.885	3.48e-03 (-0.04, 0.05)
Q15059	BRD3	OID30093	192	-0.002	0.012	0.900	-1.53e-03 (-0.03, 0.02	0.973	0.071	-0.002	0.025	0.932	-2.16e-03 (-0.05, 0.05)	0.000	0.977	-0.015	0.024	0.542	-0.01 (-0.06, 0.03)	-0.005	0.023	0.819	-0.01 (-0.05, 0.04)
Q13503	MED21	OID30066	192	-0.002	0.012	0.900	-1.52e-03 (-0.03, 0.02	0.973	0.302	-0.016	0.024	0.506	-0.02 (-0.06, 0.03)	0.001	0.482	-0.002	0.026	0.950	-1.59e-03 (-0.05, 0.05)	0.010	0.024	0.672	0.01 (-0.04, 0.06)
Q14197	MRPL58	OID31036	192	0.002	0.013	0.900	1.62e-03 (-0.02, 0.03)	0.973	0.047	0.009	0.025	0.725	0.01 (-0.04, 0.06)	0.000	0.737	0.013	0.023	0.561	0.01 (-0.03, 0.06)	-0.003	0.022	0.895	-2.94e-03 (-0.05, 0.04)
Q96K76	USP47	OID30119	192	-0.002	0.014	0.901	-1.71e-03 (-0.03, 0.03	0.973	0.004	0.043	0.026	0.100	0.04 (-0.01, 0.09)	-0.003	0.046	0.042	0.023	0.065	0.04 (-2.56e-03, 0.09)	0.037	0.024	0.125	0.04 (-0.01, 0.08)
P13796	LCP1	OID30367	192	-0.002	0.012	0.901	-1.54e-03 (-0.03, 0.02	0.973	6.56E-09	-0.043	0.024	0.068	-0.04 (-0.09, 2.96e-03)	0.003	0.040	-0.023	0.017	0.172	-0.02 (-0.06, 0.01)	-0.041	0.020	0.044	-0.04 (-0.08, -1.29e-03)
O76036	NCR1	OID20566	192	-0.002	0.013	0.902	-1.61e-03 (-0.03, 0.02	0.973	0.002	-0.037	0.025	0.145	-0.04 (-0.09, 0.01)	0.002	0.104	-0.030	0.020	0.140	-0.03 (-0.07, 0.01)	-0.020	0.022	0.377	-0.02 (-0.06, 0.02)
Q9BZJ3	TPSD1	OID30982	192	0.001	0.012	0.902	1.41e-03 (-0.02, 0.02)	0.973	0.055	0.001	0.024	0.963	1.12e-03 (-0.05, 0.05)	0.000	0.989	0.012	0.024	0.623	0.01 (-0.03, 0.06)	0.003	0.023	0.890	3.15e-03 (-0.04, 0.05)
Q6P1N0	CC2D1A	OID20958	192	-0.002	0.013	0.904	-1.57e-03 (-0.03, 0.02	0.974	0.006	-0.017	0.025	0.514	-0.02 (-0.07, 0.03)	0.001	0.490	-0.019	0.023	0.405	-0.02 (-0.06, 0.03)	-0.025	0.023	0.268	-0.03 (-0.07, 0.02)
P06493	CDK1	OID31164	192	0.002	0.013	0.907	1.55e-03 (-0.02, 0.03)	0.974	0.030	-0.011	0.026	0.671	-0.01 (-0.06, 0.04)	0.001	0.571	-0.019	0.020	0.355	-0.02 (-0.06, 0.02)	-0.031	0.022	0.168	-0.03 (-0.07, 0.01)
Q02790	FKBP4	OID20960	192	0.001	0.012	0.906	1.39e-03 (-0.02, 0.02)	0.974	0.081	-0.003	0.025	0.915	-2.64e-03 (-0.05, 0.05)	0.000	0.848	-0.004	0.024	0.852	-4.46e-03 (-0.05, 0.04)	-0.008	0.023	0.714	-0.01 (-0.05, 0.04)
Q9Y680	FKBP7	OID20846	192	-0.002	0.013	0.907	-1.56e-03 (-0.03, 0.02	0.974	0.017	-0.019	0.026	0.476	-0.02 (-0.07, 0.03)	0.001	0.446	-0.013	0.025	0.586	-0.01 (-0.06, 0.04)	0.003	0.026	0.900	3.27e-03 (-0.05, 0.05)
P14207	FOLR2	OID21062	192	0.002	0.015	0.906	1.80e-03 (-0.03, 0.03)	0.974	4.55E-12	-0.077	0.029	0.009	-0.08 (-0.13, -0.02)	0.005	0.002	-0.032	0.019	0.096	-0.03 (-0.07, 0.01)	-0.046	0.023	0.046	-0.05 (-0.09, -1.03e-03)
P08700	IL3	OID31229	192	0.002	0.013	0.906	1.59e-03 (-0.02, 0.03)	0.974	0.020	0.005	0.026	0.845	0.01 (-0.05, 0.06)	0.000	0.875	-0.022	0.023	0.327	-0.02 (-0.07, 0.02)	-0.006	0.026	0.810	-0.01 (-0.06, 0.04)
O00339	MATN2	OID20767	192	-0.001	0.013	0.907	-1.49e-03 (-0.03, 0.02	0.974	3.58E-04	-0.050	0.024	0.041	-0.05 (-0.10, -2.40e-03)	0.003	0.021	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)	-0.002	0.024	0.938	-1.89e-03 (-0.05, 0.05)
Q969H8	MYDGF	OID30313	192	-0.002	0.013	0.906	-1.55e-03 (-0.03, 0.02	0.974	0.008	-0.023	0.026	0.364	-0.02 (-0.07, 0.03)	0.001	0.322	-0.007	0.023	0.758	-0.01 (-0.05, 0.04)	-0.019	0.022	0.380	-0.02 (-0.06, 0.02)
O60664	PLIN3	OID20143	192	-0.002	0.014	0.907	-1.64e-03 (-0.03, 0.03	0.974	9.80E-05	-0.029	0.027	0.279	-0.03 (-0.08, 0.02)	0.002	0.233	-0.007	0.025	0.791	-0.01 (-0.06, 0.04)	-0.017	0.023	0.475	-0.02 (-0.06, 0.03)
P50897	PPT1	OID30947	192	0.001	0.012	0.904	1.46e-03 (-0.02, 0.03)	0.974	0.889	-0.022	0.023	0.352	-0.02 (-0.07, 0.02)	0.001	0.246	0.040	0.021	0.060	0.04 (-1.66e-03, 0.08)	0.041	0.028	0.153	0.04 (-0.01, 0.10)
Q99963	SH3GL3	OID31334	192	0.001	0.012	0.906	1.43e-03 (-0.02, 0.03)	0.974	0.693	0.033	0.023	0.165	0.03 (-0.01, 0.08)	-0.002	0.121	0.019	0.025	0.448	0.02 (-0.03, 0.07)	0.011	0.023	0.629	0.01 (-0.03, 0.06)
Q12846	STX4	OID21326	192	0.002	0.014	0.903	1.67e-03 (-0.03, 0.03)	0.974	4.19E-04	-0.021	0.027	0.420	-0.02 (-0.07, 0.03)	0.001	0.310	-0.025	0.022	0.253	-0.03 (-0.07, 0.02)	-0.022	0.025	0.376	-0.02 (-0.07, 0.03)
Q96C24	SYTL4	OID30339	192	0.002	0.014	0.903	1.69e-03 (-0.03, 0.03)	0.974	2.09E-04	-0.021	0.027	0.433	-0.02 (-0.07, 0.03)	0.001	0.323	-0.006	0.024	0.808	-0.01 (-0.05, 0.04)	-0.009	0.023	0.690	-0.01 (-0.05, 0.04)
Q9UK41	VPS28	OID31273	192	-0.002	0.013	0.905	-1.53e-03 (-0.03, 0.02	0.974	0.038	-0.001	0.025	0.954	-1.44e-03 (-0.05, 0.05)	0.000	0.997	0.017	0.023	0.452	0.02 (-0.03, 0.06)	-0.003	0.023	0.915	-2.51e-03 (-0.05, 0.04)
O00308	WWP2	OID20926	192	-0.002	0.013	0.905	-1.60e-03 (-0.03, 0.02	0.974	0.002	-0.021	0.026	0.415	-0.02 (-0.07, 0.03)	0.001	0.379	-0.007	0.025	0.790	-0.01 (-0.06, 0.04)	-0.015	0.023	0.511	-0.02 (-0.06, 0.03)
Q86VW0	SESTD1	OID20790	192	-0.002	0.014	0.909	-1.58e-03 (-0.03, 0.03	0.975	0.001	-0.007	0.027	0.786	-0.01 (-0.06, 0.05)	0.000	0.805	-0.033	0.021	0.116	-0.03 (-0.07, 0.01)	-0.032	0.025	0.200	-0.03 (-0.08, 0.02)
Q92888	ARHGEF1	OID31133	192	-0.001	0.013	0.909	-1.49e-03 (-0.03, 0.02	0.975	0.016	-0.013	0.025	0.612	-0.01 (-0.06, 0.04)	0.001	0.601	0.000	0.023	0.994	-1.73e-04 (-0.05, 0.05)	-0.006	0.023	0.785	-0.01 (-0.05, 0.04)
Q86UW9	DTX2	OID30882	192	-0.001	0.012	0.911	-1.34e-03 (-0.02, 0.02	0.975	0.306	-0.006	0.024	0.817	-0.01 (-0.05, 0.04)	0.000	0.838	-0.012	0.024	0.624	-0.01 (-0.06, 0.03)	-0.002	0.023	0.933	-1.98e-03 (-0.05, 0.04)
Q9UNE0	EDAR	OID20525	192	0.002	0.016	0.911	1.77e-03 (-0.03, 0.03)	0.975	5.48E-15	0.052	0.031	0.091	0.05 (-0.01, 0.11)	-0.003	0.057	0.037	0.021	0.068	0.04 (-2.84e-03, 0.08)	0.038	0.022	0.085	0.04 (-0.01, 0.08)
P34130	NTF4	OID21208	192	-0.001	0.012	0.911	-1.34e-03 (-0.02, 0.02	0.975	0.461	-0.009	0.023	0.690	-0.01 (-0.06, 0.04)	0.001	0.691	-0.032	0.022	0.156	-0.03 (-0.08, 0.01)	-0.029	0.023	0.200	-0.03 (-0.07, 0.02)
Q6GMV3	PTRHD1	OID30659	192	0.002	0.013	0.910	1.51e-03 (-0.02, 0.03)	0.975	0.004	0.016	0.026	0.546	0.02 (-0.04, 0.07)	-0.001	0.525	0.014	0.023	0.523	0.01 (-0.03, 0.06)	-0.003	0.023	0.910	-2.63e-03 (-0.05, 0.04)
Q9UP79	ADAMTS8	OID21502	192	-0.001	0.013	0.912	-1.47e-03 (-0.03, 0.02	0.975	4.15E-06	0.041	0.026	0.108	0.04 (-0.01, 0.09)	-0.003	0.052	0.007	0.021	0.731	0.01 (-0.03, 0.05)	-0.012	0.022	0.596	-0.01 (-0.06, 0.03)
Q96BJ3	AIDA	OID30956	192	0.001	0.013	0.912	1.48e-03 (-0.02, 0.03)	0.975	0.021	0.017	0.026	0.502	0.02 (-0.03, 0.07)	-0.001	0.473	-0.017	0.024	0.481	-0.02 (-0.07, 0.03)	-0.017	0.025	0.512	-0.02 (-0.07, 0.03)
P78358;P7	CTAG1A;CTA	OID31299	192	-0.001	0.012	0.912	-1.33e-03 (-0.02, 0.02	0.975	0.824	-0.006	0.023	0.786	-0.01 (-0.05, 0.04)	0.000	0.802	-0.020	0.021	0.347	-0.02 (-0.06, 0.02)	-0.013	0.023	0.581	-0.01 (-0.06, 0.03)
Q96RT1	ERBIN	OID21323	192	-0.001	0.013	0.915	-1.45e-03 (-0.03, 0.02	0.978	0.003	-0.008	0.026	0.771	-0.01 (-0.06, 0.04)	0.000	0.783	-0.004	0.025	0.879	-3.83e-03 (-0.05, 0.05)	-0.020	0.023	0.378	-0.02 (-0.07, 0.02)
Q15067	ACOX1	OID20124	192	0.001	0.012	0.916	1.25e-03 (-0.02, 0.02)	0.978	0.067	-0.052	0.024	0.034	-0.05 (-0.10, -4.40e-03)	0.003	0.011	-0.035	0.023	0.126	-0.03 (-0.08, 0.01)	-0.041	0.023	0.073	-0.04 (-0.09, 3.62e-03)
Q96DB9	FXYD5	OID20463	192	0.001	0.014	0.916	1.43e-03 (-0.03, 0.03)	0.978	0.001	-0.004	0.026	0.878	-4.06e-03 (-0.06, 0.05)	0.000	0.808	0.015	0.023	0.511	0.02 (-0.03, 0.06)	-0.001	0.023	0.953	-1.34e-03 (-0.05, 0.04)
Q8TDX7	NEK7	OID31250	192	0.001	0.012	0.916	1.25e-03 (-0.02, 0.02)	0.978	0.122	-0.017	0.024	0.482	-0.02 (-0.07, 0.03)	0.001	0.378	-0.003	0.023	0.901	-2.86e-03 (-0.05, 0.04)	-0.007	0.024	0.758	-0.01 (-0.05, 0.04)
Q9UQQ2	SH2B3	OID21222	192	-0.001	0.012	0.915	-1.26e-03 (-0.02, 0.02	0.978	0.510	-0.002	0.023	0.925	-2.15e-03 (-0.05, 0.04)	0.000	0.964	0.006	0.024	0.809	0.01 (-0.04, 0.05)	0.004	0.023	0.847	4.41e-03 (-0.04, 0.05)
P08217	CELA2A	OID30411	192	-0.002	0.019	0.917	-2.00e-03 (-0.04, 0.04	0.978	4.23E-33	0.060	0.037	0.107	0.06 (-0.01, 0.13)	-0.004	0.052	0.013	0.025	0.609	0.01 (-0.04, 0.06)	0.030	0.024	0.201	0.03 (-0.02, 0.08)
P18827	SDC1	OID20169	192	-0.002	0.017	0.917	-1.73e-03 (-0.03, 0.03	0.978	5.96E-18	-0.022	0.032	0.487	-0.02 (-0.09, 0.04)	0.001	0.454	0.013	0.025	0.598	0.01 (-0.04, 0.06)	0.007	0.025	0.794	0.01 (-0.04, 0.06)
Q9BY76	ANGPTL4	OID20703	192	-0.001	0.014	0.919	-1.40e-03 (-0.03, 0.03	0.979	1.28E-04	-0.043	0.026	0.109	-0.04 (-0.09, 0.01)	0.003	0.070	-0.042	0.020	0.041	-0.04 (-0.08, -1.79e-03)	-0.046	0.026	0.075	-0.05 (-0.10, 4.49e-03)
Q0Z7S8	FABP9	OID20501	192	0.002	0.015	0.918	1.54e-03 (-0.03, 0.03)	0.979	5.46E-12	0.000	0.029	0.995	1.95e-04 (-0.06, 0.06)	0.000	0.957	-0.020	0.024	0.416	-0.02 (-0.07, 0.03)	-0.018	0.022	0.405	-0.02 (-0.06, 0.02)
Q96Q89	KIF20B	OID30816	117	-0.002	0.017	0.919	-1.72e-03 (-0.03, 0.03	0.979	0.044	-0.014	0.030	0.649	-0.01 (-0.07, 0.05)	0.001	0.631	-0.018	0.029	0.538	-0.02 (-0.07, 0.04)	-0.016	0.027	0.560	-0.02 (-0.07, 0.04)
P30405	PPIF	OID30385	192	0.001	0.012	0.919	1.20e-03 (-0.02, 0.02)	0.979	0.058	-0.012	0.025	0.615	-0.01 (-0.06, 0.04)	0.001	0.520	-0.006	0.024	0.814	-0.01 (-0.05, 0.04)	-0.013	0.023	0.568	-0.01 (-0.06, 0.03)
Q7L0J3	SV2A	OID30965	192	0.001	0.013	0.920	1.35e-03 (-0.02, 0.03)	0.979	0.012	0.005	0.026	0.856	4.73e-03 (-0.05, 0.06)	0.000	0.879	-0.006	0.024	0.808	-0.01 (-0.05, 0.04)	-0.007	0.023	0.759	-0.01 (-0.05, 0.04)
P36897	TGFBR1	OID30502	192	-0.001	0.012	0.921	-1.19e-03 (-0.02, 0.02	0.981	0.659	0.017	0.023	0.473	0.02 (-0.03, 0.06)	-0.001	0.370	0.005	0.020	0.793	0.01 (-0.03, 0.04)	0.005	0.025	0.830	0.01 (-0.04, 0.05)
Q8TD46	CD200R1	OID20595	192	-0.002	0.019	0.922	-1.83e-03 (-0.04, 0.03	0.981	3.64E-69	0.005	0.036	0.892	4.91e-03 (-0.07, 0.08)	0.000	0.828	0.011	0.016	0.500	0.01 (-0.02, 0.04)	0.002	0.019	0.916	2.04e-03 (-0.04, 0.04)
Q9Y5A7	NUB1	OID20510	192	-0.001	0.013	0.922	-1.25e-03 (-0.03, 0.02	0.981	0.025	0.011	0.025	0.664	0.01 (-0.04, 0.06)	-0.001	0.572	0.004	0.024	0.868	3.90e-03 (-0.04, 0.05)	0.002	0.024	0.923	2.30e-03 (-0.04, 0.05)
Q13275	SEMA3F	OID20186	192	-0.001	0.015	0.923	-1.47e-03 (-0.03, 0.03	0.981	2.89E-10	-0.054	0.029	0.068	-0.05 (-0.11, 3.65e-03)	0.003	0.039	-0.024	0.025	0.329	-0.02 (-0.07, 0.02)	-0.020	0.026	0.436	-0.02 (-0.07, 0.03)
Q5VUJ9	EFCAB2	OID31313	192	-0.001	0.012	0.923	-1.11e-03 (-0.02, 0.02	0.982	0.144	0.002	0.024	0.917	2.45e-03 (-0.04, 0.05)	0.000	0.860	0.007	0.023	0.774	0.01 (-0.04, 0.05)	-0.007	0.023	0.747	-0.01 (-0.05, 0.04)
P09172	DBH	OID30703	192	-0.001	0.009	0.926	-8.77e-04 (-0.02, 0.02	0.983	9.14E-08	0.011	0.018	0.537	0.01 (-0.02, 0.05)	-0.001	0.437	-0.014	0.015	0.350	-0.01 (-0.04, 0.01)	-0.009	0.015	0.554	-0.01 (-0.04, 0.02)
Q8IY31	IFT20	OID30962	192	0.001	0.013	0.925	1.26e-03 (-0.03, 0.03)	0.983	0.011	0.010	0.026	0.697	0.01 (-0.04, 0.06)	-0.001	0.691	-0.024	0.022	0.287	-0.02 (-0.07, 0.02)	-0.024	0.025	0.323	-0.02 (-0.07, 0.02)
P63313	TMSB10	OID21118	192	-0.001	0.014	0.926	-1.29e-03 (-0.03, 0.03	0.983	3.24E-04	-0.020	0.027	0.448	-0.02 (-0.07, 0.03)	0.001	0.407	-0.009	0.025	0.725	-0.01 (-0.06, 0.04)	-0.016	0.024	0.498	-0.02 (-0.06, 0.03)
O95196	CSPG5	OID30843	192	-0.001	0.012	0.928	-1.09e-03 (-0.02, 0.02	0.985	0.355	-0.001	0.024	0.959	-1.22e-03 (-0.05, 0.05)	0.000	0.995	0.006	0.025	0.824	0.01 (-0.04, 0.06)	0.008	0.023	0.740	0.01 (-0.04, 0.05)
Q2M296	MTHFSD	OID31305	192	0.001	0.012	0.928	1.09e-03 (-0.02, 0.02)	0.985	0.045	-0.004	0.023	0.848	-4.49e-03 (-0.05, 0.04)	0.000	0.781	-0.001	0.023	0.961	-1.13e-03 (-0.05, 0.04)	-0.003	0.021	0.871	-3.35e-03 (-0.04, 0.04)
O95835	LATS1	OID30523	192	-0.001	0.014	0.929	-1.27e-03 (-0.03, 0.03	0.985	6.34E-05	-0.022	0.028	0.423	-0.02 (-0.08, 0.03)	0.001	0.378	-0.006	0.025	0.803	-0.01 (-0.06, 0.04)	-0.019	0.023	0.394	-0.02 (-0.06, 0.03)
Q6QEF8	CORO6	OID30870	192	-0.001	0.012	0.930	-1.06e-03 (-0.02, 0.02	0.985	0.159	-0.060	0.024	0.013	-0.06 (-0.11, -0.01)	0.004	0.005	-0.024	0.025	0.339	-0.02 (-0.07, 0.03)	-0.017	0.024	0.484	-0.02 (-0.06, 0.03)
Q6XZF7	DNMBP	OID20956	192	0.001	0.014	0.931	1.20e-03 (-0.03, 0.03)	0.985	1.39E-04	-0.020	0.027	0.449	-0.02 (-0.07, 0.03)	0.001	0.349	-0.010	0.025	0.690	-0.01 (-0.06, 0.04)	-0.024	0.022	0.284	-0.02 (-0.07, 0.02)
Q8IWB1	ITPRIP	OID30860	192	0.001	0.012	0.931	1.05e-03 (-0.02, 0.02)	0.985	0.201	0.030	0.024	0.221	0.03 (-0.02, 0.08)	-0.002	0.168	0.007	0.026	0.804	0.01 (-0.05, 0.06)	-0.001	0.026	0.970	-9.75e-04 (-0.05, 0.05)
P07947	YES1	OID21348	192	-0.001	0.014	0.931	-1.19e-03 (-0.03, 0.03	0.985	0.001	-0.010	0.026	0.719	-0.01 (-0.06, 0.04)	0.001	0.713	0.002	0.024	0.928	2.16e-03 (-0.04, 0.05)	-0.008	0.025	0.744	-0.01 (-0.06, 0.04)
P27348	YWHAQ	OID30605	192	0.001	0.013	0.930	1.17e-03 (-0.02, 0.03)	0.985	0.006	0.007	0.026	0.788	0.01 (-0.04, 0.06)	0.000	0.794	0.000	0.022	1.000	1.18e-05 (-0.04, 0.04)	-0.014	0.025	0.581	-0.01 (-0.06, 0.04)
Q96PV0	SYNGAP1	OID30797	192	0.001	0.012	0.931	1.04e-03 (-0.02, 0.02)	0.986	0.428	-0.021	0.024	0.367	-0.02 (-0.07, 0.02)	0.001	0.270	-0.012	0.025	0.641	-0.01 (-0.06, 0.04)	-0.024	0.024	0.316	-0.02 (-0.07, 0.02)
O75631	UPK3A	OID30794	192	-0.001	0.012	0.932	-1.03e-03 (-0.02, 0.02	0.986	0.312	-0.009	0.024	0.722	-0.01 (-0.06, 0.04)	0.000	0.715	0.017	0.025	0.489	0.02 (-0.03, 0.07)	0.026	0.025	0.308	0.03 (-0.02, 0.08)
P98170	XIAP	OID30490	192	-0.001	0.013	0.932	-1.14e-03 (-0.03, 0.02	0.986	0.006	-0.016	0.026	0.545	-0.02 (-0.07, 0.03)	0.001	0.512	-0.019	0.024	0.424	-0.02 (-0.07, 0.03)	-0.018	0.021	0.384	-0.02 (-0.06, 0.02)
Q17RW2	COL24A1	OID31464	192	0.001	0.014	0.932	1.17e-03 (-0.03, 0.03)	0.986	4.10E-04	-0.002	0.027	0.932	-2.30e-03 (-0.05, 0.05)	0.000	0.880	-0.035	0.019	0.061	-0.03 (-0.07, 1.54e-03)	-0.041	0.026	0.106	-0.04 (-0.09, 0.01)
P30260	CDC27	OID21238	192	0.001	0.013	0.934	1.09e-03 (-0.02, 0.03)	0.986	0.010	-0.023	0.026	0.364	-0.02 (-0.07, 0.03)	0.002	0.268	-0.022	0.024	0.364	-0.02 (-0.07, 0.03)	-0.015	0.024	0.542	-0.01 (-0.06, 0.03)
Q7Z692	CEACAM19	OID31443	192	0.001	0.014	0.934	1.14e-03 (-0.03, 0.03)	0.986	1.17E-04	0.006	0.027	0.815	0.01 (-0.05, 0.06)	0.000	0.824	-0.001	0.024	0.969	-9.62e-04 (-0.05, 0.05)	0.002	0.024	0.948	1.56e-03 (-0.05, 0.05)
Q13224	GRIN2B	OID30802	192	0.001	0.012	0.934	1.00e-03 (-0.02, 0.02)	0.986	0.660	0.010	0.023	0.658	0.01 (-0.04, 0.06)	-0.001	0.641	0.010	0.025	0.707	0.01 (-0.04, 0.06)	0.018	0.026	0.489	0.02 (-0.03, 0.07)
P14649	MYL6B	OID30936	192	-0.001	0.014	0.935	-1.11e-03 (-0.03, 0.03	0.986	0.006	-0.005	0.026	0.844	-0.01 (-0.06, 0.05)	0.000	0.857	0.005	0.026	0.860	4.57e-03 (-0.05, 0.06)	0.000	0.025	0.984	-4.90e-04 (-0.05, 0.05)
Q14151	SAFB2	OID31012	192	0.001	0.013	0.933	1.09e-03 (-0.02, 0.03)	0.986	0.035	-0.012	0.025	0.621	-0.01 (-0.06, 0.04)	0.001	0.530	-0.012	0.025	0.643	-0.01 (-0.06, 0.04)	-0.011	0.025	0.677	-0.01 (-0.06, 0.04)
P31948	STIP1	OID21077	192	0.001	0.013	0.934	1.04e-03 (-0.02, 0.03)	0.986	0.041	-0.012	0.024	0.635	-0.01 (-0.06, 0.04)	0.001	0.546	-0.007	0.023	0.778	-0.01 (-0.05, 0.04)	-0.021	0.021	0.321	-0.02 (-0.06, 0.02)
O60907	TBL1X	OID21220	192	-0.001	0.013	0.934	-1.06e-03 (-0.03, 0.02	0.986	0.042	0.002	0.025	0.943	1.78e-03 (-0.05, 0.05)	0.000	0.895	-0.008	0.025	0.744	-0.01 (-0.06, 0.04)	-0.010	0.023	0.677	-0.01 (-0.05, 0.04)
Q7L8A9	VASH1	OID20516	192	-0.001	0.013	0.935	-1.06e-03 (-0.03, 0.02	0.986	0.021	0.002	0.025	0.953	1.51e-03 (-0.05, 0.05)	0.000	0.906	0.007	0.023	0.758	0.01 (-0.04, 0.05)	-0.004	0.024	0.882	-3.53e-03 (-0.05, 0.04)
P20823	HNF1A	OID30919	192	-0.001	0.012	0.937	-9.58e-04 (-0.02, 0.02	0.987	0.554	-0.009	0.023	0.689	-0.01 (-0.06, 0.04)	0.001	0.675	-0.020	0.025	0.419	-0.02 (-0.07, 0.03)	-0.023	0.024	0.346	-0.02 (-0.07, 0.02)
Q68DV7	RNF43	OID31291	192	-0.001	0.014	0.937	-1.08e-03 (-0.03, 0.03	0.987	0.005	0.003	0.026	0.900	3.33e-03 (-0.05, 0.05)	0.000	0.845	-0.026	0.022	0.234	-0.03 (-0.07, 0.02)	-0.015	0.026	0.574	-0.01 (-0.07, 0.04)
P13987	CD59	OID20339	192	-0.001	0.014	0.938	-1.09e-03 (-0.03, 0.03	0.987	2.22E-08	-0.062	0.027	0.023	-0.06 (-0.11, -0.01)	0.004	0.009	-0.047	0.020	0.019	-0.05 (-0.09, -0.01)	-0.048	0.021	0.025	-0.05 (-0.09, -0.01)
O14974	PPP1R12A	OID21475	192	-0.001	0.013	0.938	-1.05e-03 (-0.03, 0.03	0.987	0.002	-0.004	0.026	0.883	-3.83e-03 (-0.05, 0.05)	0.000	0.901	0.011	0.023	0.623	0.01 (-0.03, 0.06)	0.000	0.021	0.988	3.25e-04 (-0.04, 0.04)
Q92599	SEPTIN8	OID31079	192	-0.001	0.012	0.939	-9.45e-04 (-0.03, 0.02	0.987	0.039	-0.030	0.024	0.200	-0.03 (-0.08, 0.02)	0.002	0.148	-0.005	0.019	0.805	-4.72e-03 (-0.04, 0.03)	-0.025	0.022	0.262	-0.03 (-0.07, 0.02)
Q99523	SORT1	OID20213	192	0.001	0.017	0.938	1.29e-03 (-0.03, 0.03)	0.987	1.64E-16	-0.014	0.032	0.674	-0.01 (-0.08, 0.05)	0.001	0.591	0.017	0.021	0.410	0.02 (-0.02, 0.06)	0.005	0.022	0.827	4.89e-03 (-0.04, 0.05)
O43557	TNFSF14	OID20953	192	-0.001	0.014	0.939	-1.06e-03 (-0.03, 0.03	0.987	1.61E-04	-0.008	0.027	0.752	-0.01 (-0.06, 0.04)	0.000	0.746	0.031	0.020	0.108	0.03 (-0.01, 0.07)	0.027	0.026	0.297	0.03 (-0.02, 0.08)
Q2WEN9	CEACAM16	OID31495	192	0.001	0.013	0.940	9.87e-04 (-0.02, 0.03)	0.988	2.15E-05	-0.021	0.025	0.415	-0.02 (-0.07, 0.03)	0.001	0.319	0.005	0.023	0.835	4.78e-03 (-0.04, 0.05)	-0.007	0.023	0.760	-0.01 (-0.05, 0.04)
P04439	HLA-A	OID31048	192	0.001	0.013	0.941	9.30e-04 (-0.02, 0.03)	0.988	1.79E-45	-0.013	0.024	0.589	-0.01 (-0.06, 0.03)	0.001	0.499	-0.007	0.015	0.629	-0.01 (-0.04, 0.02)	0.008	0.014	0.570	0.01 (-0.02, 0.04)
Q765P7	MTSS2	OID31409	192	0.001	0.013	0.941	9.70e-04 (-0.02, 0.03)	0.988	0.010	-0.022	0.025	0.380	-0.02 (-0.07, 0.03)	0.001	0.285	-0.003	0.023	0.903	-2.84e-03 (-0.05, 0.04)	-0.016	0.021	0.458	-0.02 (-0.06, 0.03)
Q9NQP4	PFDN4	OID31212	192	-0.001	0.014	0.940	-1.07e-03 (-0.03, 0.03	0.988	2.51E-04	-0.029	0.028	0.300	-0.03 (-0.08, 0.03)	0.002	0.244	-0.035	0.023	0.119	-0.04 (-0.08, 0.01)	-0.033	0.025	0.197	-0.03 (-0.08, 0.02)
O43399	TPD52L2	OID30609	192	0.001	0.014	0.940	1.02e-03 (-0.03, 0.03)	0.988	0.002	-0.015	0.026	0.568	-0.02 (-0.07, 0.04)	0.001	0.476	0.001	0.023	0.953	1.34e-03 (-0.04, 0.05)	-0.017	0.022	0.440	-0.02 (-0.06, 0.03)
Q53T59	HS1BP3	OID30243	192	-0.001	0.014	0.943	-9.90e-04 (-0.03, 0.03	0.989	0.001	-0.014	0.027	0.603	-0.01 (-0.07, 0.04)	0.001	0.572	-0.004	0.025	0.863	-4.33e-03 (-0.05, 0.04)	-0.007	0.023	0.772	-0.01 (-0.05, 0.04)
Q00722	PLCB2	OID31155	192	-0.001	0.013	0.943	-9.61e-04 (-0.03, 0.03	0.989	0.003	0.018	0.026	0.499	0.02 (-0.03, 0.07)	-0.001	0.405	0.011	0.022	0.617	0.01 (-0.03, 0.05)	0.005	0.023	0.847	4.52e-03 (-0.04, 0.05)
Q04637	EIF4G1	OID20625	192	-0.001	0.013	0.946	-9.06e-04 (-0.03, 0.03	0.989	0.001	-0.015	0.026	0.577	-0.01 (-0.07, 0.04)	0.001	0.542	-0.008	0.024	0.743	-0.01 (-0.06, 0.04)	-0.030	0.022	0.175	-0.03 (-0.07, 0.01)
P02008	HBZ	OID30307	192	0.001	0.012	0.945	8.52e-04 (-0.02, 0.03)	0.989	1.78E-20	-0.014	0.024	0.573	-0.01 (-0.06, 0.03)	0.001	0.484	0.011	0.016	0.492	0.01 (-0.02, 0.04)	0.013	0.016	0.424	0.01 (-0.02, 0.05)
Q96SB3	PPP1R9B	OID20643	192	0.001	0.013	0.946	8.64e-04 (-0.02, 0.03)	0.989	0.013	-0.018	0.025	0.475	-0.02 (-0.07, 0.03)	0.001	0.382	-0.007	0.025	0.772	-0.01 (-0.06, 0.04)	-0.018	0.026	0.476	-0.02 (-0.07, 0.03)
P49792	RANBP2	OID30812	192	0.001	0.012	0.946	8.14e-04 (-0.02, 0.02)	0.989	0.063	-0.016	0.025	0.528	-0.02 (-0.07, 0.03)	0.001	0.438	0.007	0.026	0.796	0.01 (-0.04, 0.06)	0.002	0.024	0.933	2.06e-03 (-0.05, 0.05)
Q9UKL0	RCOR1	OID20073	192	-0.001	0.012	0.945	-8.25e-04 (-0.02, 0.02	0.989	0.739	0.002	0.023	0.923	2.25e-03 (-0.04, 0.05)	0.000	0.878	-0.022	0.021	0.282	-0.02 (-0.06, 0.02)	-0.025	0.027	0.355	-0.02 (-0.08, 0.03)
Q99250	SCN2A	OID30833	192	0.001	0.012	0.946	8.26e-04 (-0.02, 0.02)	0.989	0.673	-0.011	0.023	0.644	-0.01 (-0.06, 0.04)	0.001	0.561	0.003	0.020	0.875	3.12e-03 (-0.04, 0.04)	0.016	0.027	0.555	0.02 (-0.04, 0.07)
O15020	SPTBN2	OID30876	192	-0.001	0.012	0.946	-8.16e-04 (-0.02, 0.02	0.989	0.961	-0.025	0.023	0.283	-0.03 (-0.07, 0.02)	0.002	0.226	-0.015	0.025	0.553	-0.01 (-0.06, 0.03)	-0.015	0.026	0.574	-0.01 (-0.07, 0.04)
P13385	TDGF1	OID20816	192	-0.001	0.008	0.944	-5.53e-04 (-0.02, 0.01	0.989	0.093	0.014	0.016	0.387	0.01 (-0.02, 0.05)	-0.001	0.293	-0.010	0.015	0.489	-0.01 (-0.04, 0.02)	-0.013	0.016	0.403	-0.01 (-0.04, 0.02)
Q05516	ZBTB16	OID21205	192	-0.001	0.011	0.945	-7.87e-04 (-0.02, 0.02	0.989	0.254	-0.018	0.023	0.432	-0.02 (-0.06, 0.03)	0.001	0.381	-0.028	0.021	0.181	-0.03 (-0.07, 0.01)	-0.025	0.022	0.263	-0.02 (-0.07, 0.02)
O75594	PGLYRP1	OID20338	192	-0.001	0.016	0.948	-1.05e-03 (-0.03, 0.03	0.991	3.33E-14	-0.040	0.031	0.194	-0.04 (-0.10, 0.02)	0.002	0.140	0.019	0.022	0.405	0.02 (-0.03, 0.06)	0.005	0.021	0.798	0.01 (-0.04, 0.05)
O75077	ADAM23	OID20651	192	-0.001	0.013	0.951	-8.23e-04 (-0.03, 0.03	0.991	5.65E-12	0.034	0.026	0.193	0.03 (-0.02, 0.08)	-0.002	0.120	0.012	0.021	0.559	0.01 (-0.03, 0.05)	0.009	0.019	0.630	0.01 (-0.03, 0.05)
P0C862	C1QTNF9	OID30620	192	-0.001	0.014	0.949	-9.33e-04 (-0.03, 0.03	0.991	2.81E-29	0.022	0.028	0.432	0.02 (-0.03, 0.08)	-0.001	0.339	0.011	0.016	0.503	0.01 (-0.02, 0.04)	-0.001	0.017	0.952	-1.06e-03 (-0.04, 0.03)
Q02641	CACNB1	OID30820	192	-0.001	0.012	0.952	-7.25e-04 (-0.02, 0.02	0.991	0.056	0.016	0.025	0.529	0.02 (-0.03, 0.07)	-0.001	0.442	0.010	0.023	0.666	0.01 (-0.04, 0.06)	0.002	0.027	0.933	2.27e-03 (-0.05, 0.06)
P54284	CACNB3	OID31039	192	0.001	0.014	0.948	8.84e-04 (-0.03, 0.03)	0.991	0.001	-0.005	0.026	0.865	-4.51e-03 (-0.06, 0.05)	0.000	0.812	0.004	0.024	0.859	4.31e-03 (-0.04, 0.05)	-0.009	0.024	0.711	-0.01 (-0.05, 0.04)
P09564	CD7	OID30543	192	0.001	0.013	0.950	8.37e-04 (-0.03, 0.03)	0.991	2.63E-04	-0.008	0.026	0.748	-0.01 (-0.06, 0.04)	0.001	0.679	-0.013	0.020	0.530	-0.01 (-0.05, 0.03)	-0.009	0.022	0.684	-0.01 (-0.05, 0.03)
P40198	CEACAM3	OID21245	192	0.001	0.012	0.951	7.41e-04 (-0.02, 0.02)	0.991	0.288	0.023	0.024	0.345	0.02 (-0.02, 0.07)	-0.001	0.286	0.020	0.024	0.413	0.02 (-0.03, 0.07)	0.020	0.026	0.449	0.02 (-0.03, 0.07)
Q9HC77	CENPJ	OID31314	192	-0.001	0.012	0.949	-7.62e-04 (-0.02, 0.02	0.991	0.253	-0.024	0.024	0.312	-0.02 (-0.07, 0.02)	0.001	0.253	-0.010	0.019	0.587	-0.01 (-0.05, 0.03)	-0.048	0.024	0.051	-0.05 (-0.10, -5.96e-05)
P15085	CPA1	OID20280	192	0.002	0.028	0.952	1.72e-03 (-0.05, 0.06)	0.991	2.29E-141	0.038	0.055	0.496	0.04 (-0.07, 0.15)	-0.002	0.448	0.002	0.025	0.942	1.83e-03 (-0.05, 0.05)	0.006	0.025	0.828	0.01 (-0.04, 0.06)
Q13574	DGKZ	OID20466	192	0.001	0.012	0.954	6.89e-04 (-0.02, 0.02)	0.991	0.600	0.011	0.023	0.623	0.01 (-0.03, 0.06)	-0.001	0.590	-0.008	0.023	0.730	-0.01 (-0.05, 0.04)	-0.008	0.024	0.727	-0.01 (-0.06, 0.04)
P20042	EIF2S2	OID30270	192	0.001	0.014	0.954	7.88e-04 (-0.03, 0.03)	0.991	0.002	-0.030	0.027	0.265	-0.03 (-0.08, 0.02)	0.002	0.182	-0.032	0.025	0.194	-0.03 (-0.08, 0.02)	-0.034	0.024	0.147	-0.03 (-0.08, 0.01)
O00451	GFRA2	OID21330	192	-0.001	0.014	0.953	-8.44e-04 (-0.03, 0.03	0.991	1.75E-07	-0.015	0.028	0.598	-0.01 (-0.07, 0.04)	0.001	0.562	-0.020	0.022	0.373	-0.02 (-0.06, 0.02)	-0.016	0.021	0.451	-0.02 (-0.06, 0.03)
Q14627	IL13RA2	OID30841	192	-0.001	0.012	0.954	-6.94e-04 (-0.02, 0.02	0.991	0.426	-0.020	0.024	0.391	-0.02 (-0.07, 0.03)	0.001	0.334	-0.009	0.025	0.733	-0.01 (-0.06, 0.04)	-0.005	0.025	0.845	-4.96e-03 (-0.05, 0.04)
P14784	IL2RB	OID20450	192	-0.001	0.012	0.953	-7.14e-04 (-0.02, 0.02	0.991	0.144	-0.013	0.025	0.591	-0.01 (-0.06, 0.04)	0.001	0.553	-0.022	0.024	0.359	-0.02 (-0.07, 0.03)	-0.011	0.026	0.666	-0.01 (-0.06, 0.04)
P47929;P4	LGALS7B;LGA	OID21406	192	0.002	0.036	0.952	2.15e-03 (-0.07, 0.07)	0.991	5.28E-304	-0.054	0.069	0.438	-0.05 (-0.19, 0.08)	0.004	0.347	-0.022	0.021	0.296	-0.02 (-0.06, 0.02)	-0.048	0.022	0.033	-0.05 (-0.09, -4.21e-03)
P49757	NUMB	OID30568	192	-0.001	0.014	0.951	-8.65e-04 (-0.03, 0.03	0.991	1.28E-04	-0.018	0.027	0.503	-0.02 (-0.07, 0.04)	0.001	0.457	-0.003	0.026	0.899	-3.25e-03 (-0.05, 0.05)	-0.022	0.023	0.334	-0.02 (-0.07, 0.02)
P10301	RRAS	OID30961	192	0.001	0.012	0.953	7.03e-04 (-0.02, 0.02)	0.991	0.074	-0.019	0.025	0.445	-0.02 (-0.07, 0.03)	0.001	0.356	-0.003	0.024	0.906	-2.89e-03 (-0.05, 0.04)	-0.012	0.024	0.604	-0.01 (-0.06, 0.03)
Q9H6Q3	SLA2	OID31017	192	0.001	0.013	0.949	8.58e-04 (-0.03, 0.03)	0.991	0.003	-0.010	0.026	0.697	-0.01 (-0.06, 0.04)	0.001	0.622	-0.005	0.024	0.837	-4.97e-03 (-0.05, 0.04)	-0.016	0.024	0.497	-0.02 (-0.06, 0.03)
Q8N0X7	SPART	OID30656	192	0.001	0.013	0.952	7.97e-04 (-0.03, 0.03)	0.991	0.005	-0.006	0.026	0.809	-0.01 (-0.06, 0.04)	0.000	0.750	0.008	0.022	0.719	0.01 (-0.04, 0.05)	-0.021	0.023	0.361	-0.02 (-0.07, 0.02)
P07288	KLK3	OID30364	100	-0.001	0.010	0.954	-5.74e-04 (-0.02, 0.02	0.991	0.551	0.009	0.017	0.591	0.01 (-0.02, 0.04)	-0.001	0.488	0.008	0.018	0.647	0.01 (-0.03, 0.04)	0.011	0.015	0.494	0.01 (-0.02, 0.04)
P54252	ATXN3	OID31149	192	0.001	0.011	0.958	5.86e-04 (-0.02, 0.02)	0.991	0.261	0.006	0.022	0.800	0.01 (-0.04, 0.05)	0.000	0.791	0.002	0.022	0.919	2.25e-03 (-0.04, 0.05)	-0.010	0.022	0.634	-0.01 (-0.05, 0.03)
Q7Z460	CLASP1	OID31192	192	-0.001	0.013	0.957	-7.07e-04 (-0.03, 0.03	0.991	0.039	0.007	0.026	0.790	0.01 (-0.04, 0.06)	0.000	0.731	0.011	0.025	0.642	0.01 (-0.04, 0.06)	0.000	0.026	0.990	-3.33e-04 (-0.05, 0.05)
Q9BQT9	CLSTN3	OID31092	192	0.001	0.019	0.958	1.02e-03 (-0.04, 0.04)	0.991	3.19E-43	-0.004	0.038	0.916	-3.97e-03 (-0.08, 0.07)	0.000	0.878	-0.015	0.019	0.420	-0.02 (-0.05, 0.02)	-0.016	0.023	0.494	-0.02 (-0.06, 0.03)
Q5TDH0	DDI2	OID30602	192	-0.001	0.011	0.958	-6.07e-04 (-0.02, 0.02	0.991	0.452	0.012	0.022	0.602	0.01 (-0.03, 0.06)	-0.001	0.522	0.013	0.023	0.577	0.01 (-0.03, 0.06)	0.013	0.021	0.537	0.01 (-0.03, 0.06)
Q9Y624	F11R	OID21151	192	-0.001	0.015	0.959	-7.59e-04 (-0.03, 0.03	0.991	1.38E-06	-0.026	0.028	0.363	-0.03 (-0.08, 0.03)	0.002	0.303	-0.008	0.025	0.752	-0.01 (-0.06, 0.04)	-0.021	0.024	0.382	-0.02 (-0.07, 0.03)
Q6P995	FAM171B	OID31338	192	0.001	0.012	0.955	6.52e-04 (-0.02, 0.02)	0.991	0.139	0.009	0.024	0.691	0.01 (-0.04, 0.06)	-0.001	0.665	-0.012	0.023	0.612	-0.01 (-0.06, 0.03)	-0.014	0.021	0.505	-0.01 (-0.06, 0.03)
P61328	FGF12	OID30454	192	0.001	0.012	0.959	6.27e-04 (-0.02, 0.02)	0.991	0.930	0.007	0.023	0.780	0.01 (-0.04, 0.05)	0.000	0.768	0.000	0.025	0.987	-4.19e-04 (-0.05, 0.05)	0.010	0.024	0.689	0.01 (-0.04, 0.06)
Q9UHL9	GTF2IRD1	OID31264	192	-0.001	0.012	0.959	-6.15e-04 (-0.02, 0.02	0.991	0.714	0.001	0.023	0.951	1.44e-03 (-0.04, 0.05)	0.000	0.918	-0.031	0.021	0.134	-0.03 (-0.07, 0.01)	-0.027	0.024	0.271	-0.03 (-0.07, 0.02)
P14317	HCLS1	OID20648	192	0.001	0.013	0.959	6.58e-04 (-0.02, 0.03)	0.991	0.014	-0.007	0.025	0.769	-0.01 (-0.06, 0.04)	0.001	0.708	-0.015	0.021	0.478	-0.02 (-0.06, 0.03)	-0.020	0.022	0.381	-0.02 (-0.06, 0.02)
O43639	NCK2	OID20683	192	0.001	0.013	0.957	7.18e-04 (-0.03, 0.03)	0.991	0.003	-0.008	0.026	0.757	-0.01 (-0.06, 0.04)	0.001	0.694	-0.006	0.025	0.808	-0.01 (-0.05, 0.04)	-0.016	0.024	0.504	-0.02 (-0.06, 0.03)
P13667	PDIA4	OID30375	192	-0.001	0.013	0.956	-7.20e-04 (-0.03, 0.02	0.991	0.013	-0.013	0.025	0.602	-0.01 (-0.06, 0.04)	0.001	0.565	-0.001	0.025	0.967	-1.07e-03 (-0.05, 0.05)	-0.004	0.023	0.873	-3.64e-03 (-0.05, 0.04)
Q96HC4	PDLIM5	OID31063	192	0.001	0.013	0.955	7.40e-04 (-0.03, 0.03)	0.991	0.005	-0.003	0.026	0.911	-2.88e-03 (-0.05, 0.05)	0.000	0.870	-0.003	0.024	0.908	-2.78e-03 (-0.05, 0.04)	-0.012	0.023	0.603	-0.01 (-0.06, 0.03)
Q96H15	TIMD4	OID20375	192	-0.001	0.018	0.958	-9.46e-04 (-0.04, 0.03	0.991	6.35E-31	-0.042	0.035	0.230	-0.04 (-0.11, 0.03)	0.003	0.171	-0.033	0.023	0.147	-0.03 (-0.08, 0.01)	-0.037	0.022	0.102	-0.04 (-0.08, 0.01)
P04183	TK1	OID31294	192	-0.001	0.012	0.958	-6.35e-04 (-0.02, 0.02	0.991	0.603	-0.016	0.023	0.485	-0.02 (-0.06, 0.03)	0.001	0.434	-0.022	0.019	0.262	-0.02 (-0.06, 0.02)	-0.038	0.028	0.177	-0.04 (-0.09, 0.02)
P15291	B4GALT1	OID20780	192	0.001	0.017	0.962	8.20e-04 (-0.03, 0.03)	0.991	3.00E-22	-0.049	0.033	0.140	-0.05 (-0.11, 0.02)	0.003	0.080	-0.024	0.022	0.274	-0.02 (-0.07, 0.02)	-0.023	0.023	0.319	-0.02 (-0.07, 0.02)
P10092	CALCB	OID31100	192	-0.001	0.013	0.961	-6.45e-04 (-0.03, 0.03	0.991	0.005	0.007	0.026	0.791	0.01 (-0.04, 0.06)	0.000	0.735	0.010	0.023	0.672	0.01 (-0.04, 0.06)	0.008	0.024	0.721	0.01 (-0.04, 0.05)
Q8IY22	CMIP	OID31406	192	-0.001	0.012	0.960	-5.84e-04 (-0.02, 0.02	0.991	0.104	0.001	0.024	0.965	1.06e-03 (-0.05, 0.05)	0.000	0.937	0.011	0.023	0.643	0.01 (-0.03, 0.05)	-0.012	0.025	0.624	-0.01 (-0.06, 0.04)
P35221	CTNNA1	OID30800	192	-0.001	0.012	0.961	-5.84e-04 (-0.02, 0.02	0.991	0.644	-0.004	0.023	0.877	-3.62e-03 (-0.05, 0.04)	0.000	0.880	0.019	0.022	0.384	0.02 (-0.02, 0.06)	0.000	0.023	0.992	2.46e-04 (-0.05, 0.05)
P98082	DAB2	OID21428	192	-0.001	0.013	0.962	-6.46e-04 (-0.03, 0.03	0.991	0.002	-0.005	0.026	0.864	-4.51e-03 (-0.06, 0.05)	0.000	0.864	-0.015	0.023	0.496	-0.02 (-0.06, 0.03)	-0.018	0.024	0.441	-0.02 (-0.07, 0.03)
Q15485	FCN2	OID20382	192	-0.001	0.014	0.961	-6.93e-04 (-0.03, 0.03	0.991	3.12E-15	-0.026	0.027	0.350	-0.03 (-0.08, 0.03)	0.002	0.288	-0.003	0.022	0.883	-3.20e-03 (-0.05, 0.04)	-0.015	0.021	0.481	-0.02 (-0.06, 0.03)
Q9NR12	PDLIM7	OID20729	192	0.001	0.013	0.962	6.07e-04 (-0.02, 0.03)	0.991	0.018	-0.024	0.025	0.334	-0.02 (-0.07, 0.02)	0.002	0.248	-0.008	0.024	0.751	-0.01 (-0.05, 0.04)	-0.024	0.023	0.299	-0.02 (-0.07, 0.02)
Q6UX71	PLXDC2	OID31101	192	0.001	0.024	0.962	1.15e-03 (-0.05, 0.05)	0.991	2.38E-83	-0.013	0.047	0.787	-0.01 (-0.11, 0.08)	0.001	0.731	0.021	0.025	0.406	0.02 (-0.03, 0.07)	0.012	0.021	0.591	0.01 (-0.03, 0.05)
P57771	RGS8	OID20454	192	-0.001	0.012	0.963	-5.57e-04 (-0.02, 0.02	0.992	0.249	-0.021	0.024	0.385	-0.02 (-0.07, 0.03)	0.001	0.324	-0.037	0.021	0.073	-0.04 (-0.08, 3.43e-03)	-0.040	0.025	0.107	-0.04 (-0.09, 0.01)
P02763	ORM1	OID30768	192	-0.001	0.013	0.963	-6.12e-04 (-0.03, 0.03	0.992	0.001	-0.057	0.025	0.027	-0.06 (-0.11, -0.01)	0.004	0.011	-0.025	0.023	0.279	-0.02 (-0.07, 0.02)	-0.019	0.024	0.427	-0.02 (-0.07, 0.03)
O95429	BAG4	OID30474	192	-0.001	0.014	0.965	-6.06e-04 (-0.03, 0.03	0.992	4.33E-04	-0.029	0.027	0.289	-0.03 (-0.08, 0.02)	0.002	0.226	-0.029	0.023	0.218	-0.03 (-0.07, 0.02)	-0.033	0.024	0.175	-0.03 (-0.08, 0.01)
Q6UWJ8	CD164L2	OID30922	156	0.001	0.014	0.964	6.40e-04 (-0.03, 0.03)	0.992	0.020	0.021	0.027	0.423	0.02 (-0.03, 0.07)	-0.001	0.358	0.010	0.026	0.690	0.01 (-0.04, 0.06)	0.001	0.021	0.975	6.82e-04 (-0.04, 0.04)
Q9UHC6	CNTNAP2	OID20556	192	-0.001	0.013	0.965	-5.86e-04 (-0.03, 0.03	0.992	2.89E-07	0.037	0.026	0.152	0.04 (-0.01, 0.09)	-0.002	0.090	-0.006	0.021	0.776	-0.01 (-0.05, 0.04)	0.008	0.022	0.735	0.01 (-0.04, 0.05)
P53384	NUBP1	OID31412	192	-0.001	0.013	0.965	-5.61e-04 (-0.03, 0.02	0.992	0.045	0.000	0.025	0.999	2.70e-05 (-0.05, 0.05)	0.000	0.978	-0.007	0.025	0.775	-0.01 (-0.06, 0.04)	-0.011	0.023	0.636	-0.01 (-0.06, 0.03)
O96013	PAK4	OID20819	192	-0.001	0.013	0.965	-5.91e-04 (-0.03, 0.03	0.992	0.013	0.015	0.026	0.549	0.02 (-0.04, 0.07)	-0.001	0.468	0.003	0.025	0.909	2.82e-03 (-0.05, 0.05)	-0.007	0.025	0.772	-0.01 (-0.06, 0.04)
P0DKB5	TPBGL	OID30928	192	-0.001	0.012	0.966	-5.21e-04 (-0.02, 0.02	0.992	0.664	-0.013	0.023	0.565	-0.01 (-0.06, 0.03)	0.001	0.519	-0.019	0.024	0.447	-0.02 (-0.07, 0.03)	-0.020	0.026	0.445	-0.02 (-0.07, 0.03)
Q9UNK0	STX8	OID20531	192	0.001	0.013	0.966	5.41e-04 (-0.02, 0.03)	0.992	0.050	-0.018	0.025	0.474	-0.02 (-0.07, 0.03)	0.001	0.389	0.005	0.024	0.821	0.01 (-0.04, 0.05)	-0.001	0.024	0.953	-1.43e-03 (-0.05, 0.05)
P01589	IL2RA	OID20267	192	0.001	0.014	0.967	5.66e-04 (-0.03, 0.03)	0.993	7.56E-08	-0.045	0.027	0.095	-0.05 (-0.10, 0.01)	0.003	0.051	-0.010	0.021	0.645	-0.01 (-0.05, 0.03)	0.006	0.021	0.787	0.01 (-0.04, 0.05)
Q13114	TRAF3	OID30479	192	0.001	0.014	0.967	5.61e-04 (-0.03, 0.03)	0.993	0.002	-0.042	0.026	0.111	-0.04 (-0.09, 0.01)	0.003	0.060	-0.039	0.021	0.066	-0.04 (-0.08, 2.55e-03)	-0.033	0.023	0.142	-0.03 (-0.08, 0.01)
Q9Y4D1	DAAM1	OID30664	192	0.001	0.014	0.968	5.81e-04 (-0.03, 0.03)	0.993	1.03E-05	-0.010	0.028	0.715	-0.01 (-0.07, 0.04)	0.001	0.653	-0.012	0.022	0.590	-0.01 (-0.06, 0.03)	-0.031	0.024	0.201	-0.03 (-0.08, 0.02)
A1KZ92	PXDNL	OID31405	192	0.000	0.012	0.969	-4.60e-04 (-0.02, 0.02	0.993	0.065	-0.031	0.024	0.207	-0.03 (-0.08, 0.02)	0.002	0.147	0.013	0.023	0.560	0.01 (-0.03, 0.06)	0.014	0.025	0.579	0.01 (-0.03, 0.06)
O95817	BAG3	OID20972	192	0.001	0.015	0.970	5.61e-04 (-0.03, 0.03)	0.994	3.13E-07	-0.046	0.029	0.115	-0.05 (-0.10, 0.01)	0.003	0.063	-0.007	0.025	0.776	-0.01 (-0.06, 0.04)	-0.009	0.024	0.692	-0.01 (-0.06, 0.04)
P24158	PRTN3	OID20329	192	0.001	0.014	0.970	5.33e-04 (-0.03, 0.03)	0.994	8.81E-08	-0.008	0.027	0.774	-0.01 (-0.06, 0.05)	0.001	0.721	0.001	0.024	0.983	5.19e-04 (-0.05, 0.05)	0.001	0.022	0.958	1.19e-03 (-0.04, 0.05)
P26447	S100A4	OID21519	192	-0.001	0.014	0.970	-5.10e-04 (-0.03, 0.03	0.994	2.76E-04	0.021	0.026	0.431	0.02 (-0.03, 0.07)	-0.001	0.346	0.028	0.022	0.214	0.03 (-0.02, 0.07)	0.012	0.024	0.625	0.01 (-0.04, 0.06)
P21673	SAT1	OID30111	192	0.000	0.012	0.970	-4.47e-04 (-0.02, 0.02	0.994	0.807	-0.019	0.023	0.409	-0.02 (-0.07, 0.03)	0.001	0.346	-0.037	0.021	0.080	-0.04 (-0.08, 4.47e-03)	-0.041	0.023	0.074	-0.04 (-0.09, 3.69e-03)
P27540	ARNT	OID20432	192	0.000	0.014	0.971	4.92e-04 (-0.03, 0.03)	0.994	0.005	-0.039	0.026	0.141	-0.04 (-0.09, 0.01)	0.002	0.082	-0.008	0.021	0.686	-0.01 (-0.05, 0.03)	-0.027	0.025	0.290	-0.03 (-0.08, 0.02)
Q8TEW0	PARD3	OID31301	192	0.000	0.012	0.972	-4.18e-04 (-0.02, 0.02	0.994	0.055	-0.016	0.025	0.512	-0.02 (-0.07, 0.03)	0.001	0.456	-0.013	0.025	0.596	-0.01 (-0.06, 0.04)	-0.011	0.026	0.676	-0.01 (-0.06, 0.04)
P46783	RPS10	OID30070	192	0.000	0.012	0.972	4.26e-04 (-0.02, 0.02)	0.994	0.468	-0.020	0.023	0.391	-0.02 (-0.07, 0.03)	0.001	0.307	-0.028	0.023	0.232	-0.03 (-0.07, 0.02)	-0.029	0.024	0.229	-0.03 (-0.08, 0.02)
P10746	UROS	OID30964	192	0.000	0.012	0.972	4.18e-04 (-0.02, 0.02)	0.994	0.138	-0.006	0.024	0.813	-0.01 (-0.05, 0.04)	0.000	0.768	-0.020	0.020	0.324	-0.02 (-0.06, 0.02)	-0.018	0.026	0.478	-0.02 (-0.07, 0.03)
P15086	CPB1	OID20289	192	-0.001	0.030	0.973	-1.02e-03 (-0.06, 0.06	0.995	9.36E-173	0.052	0.059	0.378	0.05 (-0.06, 0.17)	-0.003	0.294	0.005	0.023	0.835	4.86e-03 (-0.04, 0.05)	0.004	0.026	0.879	3.96e-03 (-0.05, 0.05)
P41439	FOLR3	OID21485	192	0.000	0.012	0.974	3.88e-04 (-0.02, 0.02)	0.995	2.05E-08	-0.064	0.022	0.005	-0.06 (-0.11, -0.02)	0.004	0.001	-0.052	0.015	0.001	-0.05 (-0.08, -0.02)	-0.052	0.018	0.004	-0.05 (-0.09, -0.02)
P00441	SOD1	OID20386	192	0.000	0.013	0.974	4.18e-04 (-0.02, 0.03)	0.995	0.032	-0.005	0.025	0.833	-0.01 (-0.05, 0.04)	0.000	0.790	-0.002	0.025	0.932	-2.11e-03 (-0.05, 0.05)	-0.010	0.023	0.655	-0.01 (-0.05, 0.03)
Q99665	IL12RB2	OID30422	192	0.000	0.015	0.975	4.56e-04 (-0.03, 0.03)	0.995	2.38E-05	0.017	0.028	0.547	0.02 (-0.04, 0.07)	-0.001	0.493	-0.027	0.024	0.270	-0.03 (-0.07, 0.02)	-0.026	0.027	0.337	-0.03 (-0.08, 0.03)
Q15223	NECTIN1	OID30545	192	0.001	0.021	0.975	6.50e-04 (-0.04, 0.04)	0.995	7.95E-39	0.037	0.040	0.355	0.04 (-0.04, 0.12)	-0.002	0.289	-0.004	0.022	0.871	-3.65e-03 (-0.05, 0.04)	0.002	0.024	0.920	2.37e-03 (-0.04, 0.05)

Table S4. Association of type 2 diabetes with UKB-PPP plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
UniProt	**Gene**	**OID**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
Q9Y275	TNFSF13B	OID20272	192	0.000	0.013	0.975	4.09e-04 (-0.03, 0.03)	0.995	9.04E-05	-0.038	0.025	0.133	-0.04 (-0.09, 0.01)	0.002	0.076	0.011	0.022	0.624	0.01 (-0.03, 0.05)	0.002	0.025	0.936	1.99e-03 (-0.05, 0.05)
P22033	MMUT	OID30159	192	0.000	0.014	0.976	-4.23e-04 (-0.03, 0.03	0.995	0.003	-0.022	0.027	0.419	-0.02 (-0.07, 0.03)	0.001	0.355	-0.025	0.024	0.294	-0.03 (-0.07, 0.02)	-0.021	0.024	0.385	-0.02 (-0.07, 0.03)
Q8IYW5	RNF168	OID30506	192	0.000	0.012	0.977	-3.51e-04 (-0.02, 0.02	0.996	0.496	-0.001	0.023	0.951	-1.45e-03 (-0.05, 0.04)	0.000	0.956	-0.011	0.022	0.607	-0.01 (-0.05, 0.03)	-0.006	0.023	0.810	-0.01 (-0.05, 0.04)
O00273	DFFA	OID20620	192	0.000	0.013	0.977	-3.70e-04 (-0.03, 0.03	0.996	0.013	0.004	0.025	0.881	3.79e-03 (-0.05, 0.05)	0.000	0.848	0.011	0.022	0.611	0.01 (-0.03, 0.05)	-0.009	0.023	0.700	-0.01 (-0.05, 0.04)
P43166	CA7	OID31265	192	0.000	0.012	0.978	-3.33e-04 (-0.02, 0.02	0.996	0.380	-0.026	0.024	0.265	-0.03 (-0.07, 0.02)	0.002	0.199	-0.021	0.022	0.342	-0.02 (-0.06, 0.02)	-0.010	0.026	0.696	-0.01 (-0.06, 0.04)
P04179	SOD2	OID21114	192	0.000	0.016	0.978	-4.50e-04 (-0.03, 0.03	0.996	2.52E-16	-0.024	0.032	0.451	-0.02 (-0.09, 0.04)	0.001	0.388	-0.016	0.024	0.502	-0.02 (-0.06, 0.03)	-0.036	0.025	0.153	-0.04 (-0.08, 0.01)
Q0VDD7	BRME1	OID30847	192	0.000	0.012	0.979	-3.19e-04 (-0.02, 0.02	0.996	0.271	-0.019	0.024	0.444	-0.02 (-0.07, 0.03)	0.001	0.380	0.008	0.023	0.725	0.01 (-0.04, 0.05)	0.001	0.023	0.950	1.45e-03 (-0.04, 0.05)
Q8TAE8	GADD45GIP1	OID30237	192	0.000	0.015	0.979	-3.92e-04 (-0.03, 0.03	0.996	4.81E-06	-0.022	0.029	0.447	-0.02 (-0.08, 0.03)	0.001	0.384	-0.021	0.024	0.378	-0.02 (-0.07, 0.03)	-0.024	0.022	0.295	-0.02 (-0.07, 0.02)
Q13287	NMI	OID31378	192	0.000	0.013	0.980	3.35e-04 (-0.03, 0.03)	0.996	3.96E-04	0.019	0.026	0.467	0.02 (-0.03, 0.07)	-0.001	0.405	0.023	0.022	0.284	0.02 (-0.02, 0.07)	0.005	0.023	0.825	0.01 (-0.04, 0.05)
Q96AQ6	PBXIP1	OID31435	192	0.000	0.014	0.980	-3.53e-04 (-0.03, 0.03	0.996	2.37E-06	-0.031	0.028	0.260	-0.03 (-0.09, 0.02)	0.002	0.194	-0.032	0.024	0.173	-0.03 (-0.08, 0.01)	-0.035	0.026	0.172	-0.04 (-0.09, 0.02)
P19957	PI3	OID20326	192	0.000	0.011	0.980	2.77e-04 (-0.02, 0.02)	0.996	0.104	0.005	0.023	0.818	0.01 (-0.04, 0.05)	0.000	0.799	0.015	0.023	0.519	0.01 (-0.03, 0.06)	0.016	0.023	0.494	0.02 (-0.03, 0.06)
Q2L4Q9	PRSS53	OID31093	192	0.000	0.012	0.979	3.03e-04 (-0.02, 0.02)	0.996	3.23E-09	0.002	0.023	0.938	1.74e-03 (-0.04, 0.05)	0.000	0.941	0.006	0.018	0.758	0.01 (-0.03, 0.04)	0.004	0.019	0.825	4.27e-03 (-0.03, 0.04)
P53814	SMTN	OID31154	192	0.000	0.013	0.980	-3.11e-04 (-0.03, 0.02	0.996	0.019	-0.011	0.025	0.668	-0.01 (-0.06, 0.04)	0.001	0.627	-0.003	0.024	0.890	-3.37e-03 (-0.05, 0.04)	-0.024	0.025	0.333	-0.02 (-0.07, 0.02)
P62072	TIMM10	OID30358	192	0.000	0.013	0.981	-3.14e-04 (-0.03, 0.03	0.997	0.005	-0.035	0.026	0.171	-0.04 (-0.09, 0.02)	0.002	0.114	-0.026	0.024	0.280	-0.03 (-0.07, 0.02)	-0.032	0.024	0.176	-0.03 (-0.08, 0.01)
P30419	NMT1	OID31021	192	0.000	0.013	0.983	2.84e-04 (-0.03, 0.03)	0.997	0.025	-0.002	0.025	0.951	-1.57e-03 (-0.05, 0.05)	0.000	0.932	0.014	0.024	0.561	0.01 (-0.03, 0.06)	0.000	0.023	0.991	-2.77e-04 (-0.05, 0.05)
Q9HD43	PTPRH	OID31433	192	0.000	0.018	0.983	3.82e-04 (-0.03, 0.03)	0.997	2.73E-39	0.017	0.034	0.615	0.02 (-0.05, 0.08)	-0.001	0.565	-0.009	0.021	0.671	-0.01 (-0.05, 0.03)	-0.014	0.022	0.536	-0.01 (-0.06, 0.03)
P07204	THBD	OID20231	192	0.000	0.020	0.982	4.40e-04 (-0.04, 0.04)	0.997	5.75E-45	-0.037	0.038	0.344	-0.04 (-0.11, 0.04)	0.002	0.264	-0.001	0.022	0.974	-7.21e-04 (-0.04, 0.04)	-0.009	0.022	0.671	-0.01 (-0.05, 0.03)
P21964	COMT	OID20086	192	0.000	0.013	0.984	-2.61e-04 (-0.03, 0.02	0.998	0.012	-0.007	0.025	0.787	-0.01 (-0.05, 0.04)	0.000	0.762	-0.002	0.022	0.911	-2.48e-03 (-0.05, 0.04)	-0.002	0.023	0.929	-2.03e-03 (-0.05, 0.04)
Q58F21	BRDT	OID30179	192	0.000	0.018	0.984	-3.49e-04 (-0.03, 0.03	0.998	3.59E-18	-0.012	0.034	0.715	-0.01 (-0.08, 0.05)	0.001	0.678	-0.029	0.021	0.164	-0.03 (-0.07, 0.01)	-0.020	0.024	0.407	-0.02 (-0.07, 0.03)
P47874	OMP	OID30835	192	0.000	0.012	0.984	-2.38e-04 (-0.02, 0.02	0.998	0.216	0.034	0.024	0.167	0.03 (-0.01, 0.08)	-0.002	0.105	0.031	0.022	0.169	0.03 (-0.01, 0.07)	0.031	0.025	0.208	0.03 (-0.02, 0.08)
P09543	CNP	OID30285	192	0.000	0.013	0.985	2.55e-04 (-0.03, 0.03)	0.998	0.007	-0.007	0.026	0.783	-0.01 (-0.06, 0.04)	0.000	0.739	-0.008	0.025	0.737	-0.01 (-0.06, 0.04)	-0.014	0.024	0.547	-0.01 (-0.06, 0.03)
Q9BW61	DDA1	OID30126	192	0.000	0.012	0.985	-2.27e-04 (-0.02, 0.02	0.998	0.783	-0.021	0.023	0.369	-0.02 (-0.07, 0.02)	0.001	0.300	-0.017	0.022	0.425	-0.02 (-0.06, 0.03)	-0.019	0.024	0.430	-0.02 (-0.07, 0.03)
P00519	ABL1	OID21280	192	0.000	0.013	0.989	-1.78e-04 (-0.03, 0.03	0.998	0.003	-0.039	0.026	0.128	-0.04 (-0.09, 0.01)	0.002	0.077	-0.029	0.023	0.222	-0.03 (-0.07, 0.02)	-0.033	0.023	0.140	-0.03 (-0.08, 0.01)
Q8TE58	ADAMTS15	OID21275	192	0.000	0.015	0.989	2.12e-04 (-0.03, 0.03)	0.998	4.89E-07	-0.103	0.027	2.31E-04	-0.10 (-0.16, -0.05)	0.007	1.87E-05	-0.037	0.025	0.146	-0.04 (-0.09, 0.01)	-0.040	0.023	0.084	-0.04 (-0.09, 0.01)
P54819	AK2	OID31142	192	0.000	0.013	0.987	2.17e-04 (-0.03, 0.03)	0.998	0.005	-0.007	0.026	0.795	-0.01 (-0.06, 0.04)	0.000	0.754	-0.012	0.024	0.603	-0.01 (-0.06, 0.03)	-0.018	0.023	0.443	-0.02 (-0.06, 0.03)
Q6UXH1	CRELD2	OID20751	192	0.000	0.014	0.986	2.35e-04 (-0.03, 0.03)	0.998	3.59E-06	-0.034	0.026	0.207	-0.03 (-0.09, 0.02)	0.002	0.139	-0.023	0.021	0.290	-0.02 (-0.06, 0.02)	-0.023	0.022	0.291	-0.02 (-0.07, 0.02)
O43432	EIF4G3	OID31022	192	0.000	0.013	0.989	1.81e-04 (-0.02, 0.03)	0.998	0.037	-0.029	0.025	0.242	-0.03 (-0.08, 0.02)	0.002	0.170	-0.017	0.023	0.474	-0.02 (-0.06, 0.03)	-0.025	0.024	0.293	-0.03 (-0.07, 0.02)
P55010	EIF5	OID30156	192	0.000	0.012	0.988	-1.75e-04 (-0.02, 0.02	0.998	0.644	-0.023	0.023	0.324	-0.02 (-0.07, 0.02)	0.001	0.254	-0.022	0.024	0.363	-0.02 (-0.07, 0.03)	-0.033	0.023	0.164	-0.03 (-0.08, 0.01)
O14964	HGS	OID21175	192	0.000	0.014	0.987	-2.31e-04 (-0.03, 0.03	0.998	0.002	0.018	0.027	0.499	0.02 (-0.03, 0.07)	-0.001	0.424	0.015	0.024	0.540	0.01 (-0.03, 0.06)	0.006	0.025	0.813	0.01 (-0.04, 0.05)
P22304	IDS	OID20619	192	0.000	0.014	0.986	-2.39e-04 (-0.03, 0.03	0.998	3.75E-04	0.073	0.026	0.006	0.07 (0.02, 0.12)	-0.005	0.001	0.046	0.021	0.031	0.05 (4.04e-03, 0.09)	0.044	0.024	0.063	0.04 (-2.11e-03, 0.09)
O95372	LYPLA2	OID30817	192	0.000	0.012	0.989	1.67e-04 (-0.02, 0.02)	0.998	0.320	-0.002	0.024	0.943	-1.73e-03 (-0.05, 0.05)	0.000	0.927	0.013	0.024	0.587	0.01 (-0.03, 0.06)	0.017	0.025	0.496	0.02 (-0.03, 0.07)
P54727	RAD23B	OID21166	192	0.000	0.014	0.989	1.82e-04 (-0.03, 0.03)	0.998	0.005	-0.001	0.026	0.972	-9.34e-04 (-0.05, 0.05)	0.000	0.960	0.001	0.025	0.967	1.04e-03 (-0.05, 0.05)	-0.014	0.023	0.550	-0.01 (-0.06, 0.03)
P04808	RLN1	OID30995	192	0.000	0.012	0.989	1.60e-04 (-0.02, 0.02)	0.998	0.066	-0.018	0.024	0.458	-0.02 (-0.07, 0.03)	0.001	0.382	0.000	0.024	0.996	1.17e-04 (-0.05, 0.05)	-0.002	0.023	0.922	-2.23e-03 (-0.05, 0.04)
Q9H867	VCPKMT	OID31179	192	0.000	0.014	0.989	1.85e-04 (-0.03, 0.03)	0.998	0.003	0.026	0.027	0.335	0.03 (-0.03, 0.08)	-0.002	0.264	0.005	0.024	0.837	0.01 (-0.04, 0.05)	0.014	0.023	0.553	0.01 (-0.03, 0.06)
Q6NXT1	ANKRD54	OID21162	192	0.000	0.013	0.994	9.36e-05 (-0.02, 0.02)	0.999	0.045	0.022	0.025	0.361	0.02 (-0.03, 0.07)	-0.001	0.288	0.020	0.023	0.387	0.02 (-0.03, 0.07)	0.015	0.023	0.528	0.01 (-0.03, 0.06)
Q96EU7	C1GALT1C1	OID30180	192	0.000	0.012	0.992	-1.18e-04 (-0.02, 0.02	0.999	0.473	-0.027	0.023	0.252	-0.03 (-0.07, 0.02)	0.002	0.183	0.008	0.023	0.721	0.01 (-0.04, 0.05)	-0.027	0.024	0.259	-0.03 (-0.07, 0.02)
Q9NYX4	CALY	OID30144	192	0.000	0.012	0.992	-1.21e-04 (-0.02, 0.02	0.999	0.835	-0.004	0.023	0.868	-3.91e-03 (-0.05, 0.04)	0.000	0.851	-0.021	0.023	0.351	-0.02 (-0.07, 0.02)	-0.021	0.024	0.373	-0.02 (-0.07, 0.03)
P42081	CD86	OID31500	192	0.000	0.014	0.993	1.23e-04 (-0.03, 0.03)	0.999	5.52E-05	-0.011	0.027	0.686	-0.01 (-0.06, 0.04)	0.001	0.633	-0.031	0.021	0.139	-0.03 (-0.07, 0.01)	-0.029	0.023	0.217	-0.03 (-0.07, 0.02)
Q15517	CDSN	OID20667	192	0.000	0.035	0.996	1.83e-04 (-0.07, 0.07)	0.999	0.00E+00	0.003	0.068	0.962	3.21e-03 (-0.13, 0.14)	0.000	0.958	0.004	0.017	0.832	3.60e-03 (-0.03, 0.04)	0.026	0.022	0.229	0.03 (-0.02, 0.07)
P29692	EEF1D	OID30335	192	0.000	0.013	0.995	8.24e-05 (-0.03, 0.03)	0.999	0.002	-0.023	0.026	0.373	-0.02 (-0.07, 0.03)	0.001	0.297	-0.010	0.025	0.692	-0.01 (-0.06, 0.04)	-0.011	0.022	0.625	-0.01 (-0.05, 0.03)
P06730	EIF4E	OID30557	192	0.000	0.013	0.996	-6.42e-05 (-0.03, 0.03	0.999	0.020	-0.005	0.026	0.844	-0.01 (-0.06, 0.04)	0.000	0.821	-0.002	0.024	0.946	-1.62e-03 (-0.05, 0.05)	-0.009	0.023	0.694	-0.01 (-0.05, 0.04)
Q13822	ENPP2	OID20288	192	0.000	0.013	0.997	-5.61e-05 (-0.03, 0.03	0.999	4.17E-14	-0.021	0.025	0.402	-0.02 (-0.07, 0.03)	0.001	0.329	-0.013	0.018	0.481	-0.01 (-0.05, 0.02)	-0.012	0.020	0.560	-0.01 (-0.05, 0.03)
Q9HCM4	EPB41L5	OID30886	192	0.000	0.012	0.999	1.45e-05 (-0.02, 0.02)	0.999	0.607	-0.003	0.023	0.909	-2.69e-03 (-0.05, 0.04)	0.000	0.893	-0.008	0.026	0.746	-0.01 (-0.06, 0.04)	-0.020	0.027	0.462	-0.02 (-0.07, 0.03)
P54764	EPHA4	OID30622	192	0.000	0.027	0.996	1.20e-04 (-0.05, 0.05)	0.999	9.84E-134	0.014	0.053	0.797	0.01 (-0.09, 0.12)	-0.001	0.766	-0.010	0.019	0.594	-0.01 (-0.05, 0.03)	-0.013	0.022	0.558	-0.01 (-0.06, 0.03)
P12319	FCER1A	OID30992	192	0.000	0.012	0.999	1.31e-05 (-0.02, 0.02)	0.999	0.089	0.006	0.025	0.800	0.01 (-0.04, 0.05)	0.000	0.768	0.001	0.022	0.955	1.24e-03 (-0.04, 0.04)	0.007	0.023	0.765	0.01 (-0.04, 0.05)
Q9NP95	FGF20	OID30459	192	0.000	0.012	0.997	4.25e-05 (-0.02, 0.02)	0.999	0.493	0.001	0.023	0.954	1.34e-03 (-0.04, 0.05)	0.000	0.949	-0.022	0.021	0.299	-0.02 (-0.06, 0.02)	-0.020	0.023	0.381	-0.02 (-0.07, 0.03)
O60234	GMFG	OID30340	192	0.000	0.013	0.994	-9.83e-05 (-0.03, 0.03	0.999	0.003	0.001	0.026	0.969	1.03e-03 (-0.05, 0.05)	0.000	0.960	0.013	0.023	0.565	0.01 (-0.03, 0.06)	0.010	0.023	0.667	0.01 (-0.04, 0.06)
P01112	HRAS	OID31263	192	0.000	0.012	0.997	-4.84e-05 (-0.02, 0.02	0.999	0.061	0.025	0.025	0.325	0.02 (-0.02, 0.07)	-0.002	0.250	0.011	0.025	0.647	0.01 (-0.04, 0.06)	-0.001	0.026	0.983	-5.57e-04 (-0.05, 0.05)
Q9GZY6	LAT2	OID21292	192	0.000	0.012	0.993	-1.08e-04 (-0.02, 0.02	0.999	0.081	-0.015	0.024	0.532	-0.02 (-0.06, 0.03)	0.001	0.469	-0.003	0.024	0.917	-2.52e-03 (-0.05, 0.04)	-0.015	0.023	0.504	-0.02 (-0.06, 0.03)
P51511	MMP15	OID30299	192	0.000	0.012	0.999	2.20e-05 (-0.02, 0.02)	0.999	0.178	-0.002	0.024	0.933	-2.05e-03 (-0.05, 0.05)	0.000	0.921	0.003	0.021	0.900	2.60e-03 (-0.04, 0.04)	-0.006	0.025	0.806	-0.01 (-0.06, 0.04)
Q15366	PCBP2	OID31003	192	0.000	0.013	0.994	1.08e-04 (-0.03, 0.03)	0.999	0.003	-0.009	0.026	0.729	-0.01 (-0.06, 0.04)	0.001	0.682	0.002	0.024	0.941	1.79e-03 (-0.05, 0.05)	-0.001	0.023	0.982	-5.06e-04 (-0.05, 0.04)
O15496	PLA2G10	OID21002	192	0.000	0.020	0.997	8.71e-05 (-0.04, 0.04)	0.999	1.55E-44	0.038	0.038	0.327	0.04 (-0.04, 0.11)	-0.002	0.254	0.021	0.024	0.389	0.02 (-0.03, 0.07)	0.034	0.022	0.119	0.03 (-0.01, 0.08)
Q5JS54	PSMG4	OID30514	192	0.000	0.011	0.998	-2.17e-05 (-0.02, 0.02	0.999	0.503	-0.004	0.022	0.864	-3.82e-03 (-0.05, 0.04)	0.000	0.843	0.004	0.023	0.867	3.90e-03 (-0.04, 0.05)	-0.021	0.023	0.362	-0.02 (-0.06, 0.02)
O60542	PSPN	OID20511	192	0.000	0.011	0.998	-2.16e-05 (-0.02, 0.02	0.999	1.09E-06	-0.036	0.021	0.083	-0.04 (-0.08, 4.59e-03)	0.002	0.044	-0.025	0.015	0.090	-0.02 (-0.05, 3.86e-03)	-0.056	0.019	0.004	-0.06 (-0.09, -0.02)
Q9NY46	SCN3A	OID30903	192	0.000	0.012	0.994	8.98e-05 (-0.02, 0.02)	0.999	0.233	0.007	0.024	0.764	0.01 (-0.04, 0.05)	0.000	0.729	0.000	0.025	0.999	-3.93e-05 (-0.05, 0.05)	0.007	0.022	0.763	0.01 (-0.04, 0.05)
P09683	SCT	OID30951	192	0.000	0.015	0.998	-3.15e-05 (-0.03, 0.03	0.999	2.63E-06	0.027	0.029	0.347	0.03 (-0.03, 0.08)	-0.002	0.272	-0.036	0.021	0.084	-0.04 (-0.08, 4.87e-03)	-0.029	0.025	0.244	-0.03 (-0.08, 0.02)
Q15831	STK11	OID20077	192	0.000	0.013	0.996	-5.99e-05 (-0.03, 0.03	0.999	0.004	-0.003	0.026	0.896	-3.41e-03 (-0.05, 0.05)	0.000	0.881	0.026	0.022	0.243	0.03 (-0.02, 0.07)	0.012	0.024	0.622	0.01 (-0.03, 0.06)
Q9Y6E0	STK24	OID20837	192	0.000	0.013	0.992	-1.35e-04 (-0.03, 0.03	0.999	0.041	-0.015	0.025	0.550	-0.02 (-0.06, 0.03)	0.001	0.489	-0.009	0.025	0.731	-0.01 (-0.06, 0.04)	-0.023	0.023	0.310	-0.02 (-0.07, 0.02)
O43752	STX6	OID21219	192	0.000	0.012	0.999	1.92e-05 (-0.02, 0.02)	0.999	0.076	-0.018	0.025	0.460	-0.02 (-0.07, 0.03)	0.001	0.388	-0.037	0.023	0.112	-0.04 (-0.08, 0.01)	-0.035	0.026	0.181	-0.03 (-0.08, 0.02)
O43734	TRAF3IP2	OID30054	192	0.000	0.012	0.998	-2.78e-05 (-0.02, 0.02	0.999	0.060	-0.021	0.025	0.400	-0.02 (-0.07, 0.03)	0.001	0.327	-0.014	0.019	0.469	-0.01 (-0.05, 0.02)	-0.031	0.027	0.247	-0.03 (-0.08, 0.02)

FDR, false discovery rate. CI, confidence interval.

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12370_30	APOF	Apo F	226	-0.132	0.022	2.29E-09	-0.13 (-0.18, -0.09)	1.05E-05	0.001	-0.057	0.044	0.201	-0.06 (-0.14, 0.03)	-0.005	0.051	-0.125	0.032	9.34E-05	-0.12 (-0.19, -0.06)	-0.101	0.046	0.028	-0.10 (-0.19, -0.01)
5722_78	PRCP	Prolylcarbo	226	0.121	0.021	6.33E-09	0.12 (0.08, 0.16)	1.05E-05	0.003	0.103	0.042	0.015	0.10 (0.02, 0.19)	0.001	0.628	0.102	0.041	0.013	0.10 (0.02, 0.18)	0.101	0.038	0.009	0.10 (0.03, 0.18)
8469_41	IGFBP2	IGFBP-2	226	-0.140	0.024	4.42E-09	-0.14 (-0.19, -0.09)	1.05E-05	1.84E-07	-0.035	0.048	0.461	-0.04 (-0.13, 0.06)	-0.007	0.011	-0.111	0.033	0.001	-0.11 (-0.17, -0.05)	-0.113	0.038	0.003	-0.11 (-0.19, -0.04)
4763_31	AFM	Afamin	226	0.109	0.019	1.72E-08	0.11 (0.07, 0.15)	2.14E-05	0.114	0.077	0.041	0.060	0.08 (-2.85e-03, 0.16)	0.002	0.383	0.084	0.040	0.035	0.08 (0.01, 0.16)	0.087	0.041	0.035	0.09 (0.01, 0.17)
2948_58	GHR	Growth hor	226	0.126	0.023	5.24E-08	0.13 (0.08, 0.17)	5.21E-05	1.39E-05	0.073	0.047	0.120	0.07 (-0.02, 0.16)	0.003	0.189	0.104	0.031	0.001	0.10 (0.04, 0.17)	0.088	0.044	0.044	0.09 (2.68e-03, 0.17)
10565_19	SLITRK3	SLIK3	226	-0.123	0.024	2.46E-07	-0.12 (-0.17, -0.08)	2.04E-04	1.53E-06	0.027	0.047	0.571	0.03 (-0.07, 0.12)	-0.009	2.89E-04	-0.037	0.034	0.269	-0.04 (-0.10, 0.03)	-0.018	0.042	0.674	-0.02 (-0.10, 0.06)
6408_2	INHBC	INHBC	226	0.090	0.019	2.11E-06	0.09 (0.05, 0.13)	0.001	0.199	0.011	0.039	0.770	0.01 (-0.07, 0.09)	0.005	0.022	0.064	0.034	0.060	0.06 (-2.79e-03, 0.1	0.055	0.039	0.158	0.06 (-0.02, 0.13)
8007_19	CTSB	Cathepsin	226	-0.108	0.023	1.96E-06	-0.11 (-0.15, -0.06)	0.001	3.28E-04	-0.008	0.045	0.852	-0.01 (-0.10, 0.08)	-0.006	0.012	-0.072	0.033	0.027	-0.07 (-0.14, -0.01)	-0.050	0.040	0.219	-0.05 (-0.13, 0.03)
17396_23	ADH1A	ADH1A	226	0.104	0.022	3.61E-06	0.10 (0.06, 0.15)	0.002	3.03E-05	0.061	0.045	0.180	0.06 (-0.03, 0.15)	0.003	0.272	0.061	0.037	0.093	0.06 (-0.01, 0.13)	0.057	0.038	0.137	0.06 (-0.02, 0.13)
3708_62	A2M	a2-Macrogl	226	-0.081	0.018	3.91E-06	-0.08 (-0.12, -0.05)	0.002	0.080	-0.052	0.038	0.173	-0.05 (-0.13, 0.02)	-0.002	0.368	-0.081	0.036	0.026	-0.08 (-0.15, -0.01)	-0.097	0.041	0.018	-0.10 (-0.18, -0.02)
15562_24	GUSB	BGLR	226	0.107	0.023	5.39E-06	0.11 (0.06, 0.15)	0.002	1.74E-10	0.074	0.047	0.120	0.07 (-0.02, 0.17)	0.002	0.424	0.054	0.034	0.111	0.05 (-0.01, 0.12)	0.044	0.036	0.227	0.04 (-0.03, 0.11)
8325_37	ADH4	ADH4	226	0.099	0.022	6.85E-06	0.10 (0.06, 0.14)	0.003	8.29E-06	0.059	0.044	0.180	0.06 (-0.03, 0.15)	0.002	0.305	0.058	0.033	0.084	0.06 (-0.01, 0.12)	0.055	0.038	0.148	0.05 (-0.02, 0.13)
8337_65	PTPRU	PTPRU	226	0.083	0.019	7.27E-06	0.08 (0.05, 0.12)	0.003	0.295	0.052	0.038	0.171	0.05 (-0.02, 0.13)	0.002	0.357	0.041	0.032	0.190	0.04 (-0.02, 0.10)	0.017	0.040	0.672	0.02 (-0.06, 0.10)
3554_24	ADIPOQ	Adiponectir	226	-0.100	0.023	1.06E-05	-0.10 (-0.14, -0.06)	0.004	1.04E-11	-0.022	0.045	0.635	-0.02 (-0.11, 0.07)	-0.005	0.048	-0.046	0.029	0.114	-0.05 (-0.10, 0.01)	-0.045	0.039	0.247	-0.05 (-0.12, 0.03)
3343_1	ACY1	Aminoacyla	226	0.091	0.021	1.35E-05	0.09 (0.05, 0.13)	0.004	2.80E-05	0.094	0.042	0.027	0.09 (0.01, 0.18)	0.000	0.939	0.079	0.035	0.026	0.08 (0.01, 0.15)	0.083	0.039	0.035	0.08 (0.01, 0.16)
9416_77	CPM	CBPM	226	0.092	0.021	1.48E-05	0.09 (0.05, 0.13)	0.005	0.002	0.096	0.043	0.025	0.10 (0.01, 0.18)	0.000	0.902	0.089	0.036	0.014	0.09 (0.02, 0.16)	0.118	0.040	0.004	0.12 (0.04, 0.20)
6380_23	ICT1	ICT1	226	-0.080	0.019	1.84E-05	-0.08 (-0.12, -0.04)	0.005	0.078	-0.087	0.040	0.032	-0.09 (-0.17, -0.01)	0.000	0.842	-0.051	0.031	0.099	-0.05 (-0.11, 0.01)	-0.011	0.041	0.787	-0.01 (-0.09, 0.07)
11424_4	FAH	FAAA	226	0.093	0.022	2.28E-05	0.09 (0.05, 0.14)	0.006	0.001	0.075	0.045	0.095	0.07 (-0.01, 0.16)	0.001	0.628	0.058	0.040	0.149	0.06 (-0.02, 0.14)	0.067	0.043	0.119	0.07 (-0.02, 0.15)
10978_39	GH2	SOM2	226	-0.075	0.018	2.58E-05	-0.08 (-0.11, -0.04)	0.006	0.049	-0.029	0.036	0.425	-0.03 (-0.10, 0.04)	-0.003	0.136	-0.036	0.031	0.246	-0.04 (-0.10, 0.02)	-0.055	0.035	0.122	-0.05 (-0.12, 0.01)
2212_69	PLAT	tPA	226	0.075	0.018	2.56E-05	0.08 (0.04, 0.11)	0.006	0.598	0.036	0.036	0.315	0.04 (-0.03, 0.11)	0.002	0.215	0.069	0.030	0.022	0.07 (0.01, 0.13)	0.055	0.039	0.167	0.05 (-0.02, 0.13)
3220_40	RET	RET	226	0.078	0.019	2.84E-05	0.08 (0.04, 0.11)	0.007	0.466	0.023	0.038	0.535	0.02 (-0.05, 0.10)	0.003	0.094	0.026	0.034	0.445	0.03 (-0.04, 0.09)	0.023	0.036	0.531	0.02 (-0.05, 0.09)
17366_6	DCUN1D1	DCNL1	226	0.086	0.021	3.46E-05	0.09 (0.05, 0.13)	0.008	0.036	0.024	0.042	0.562	0.02 (-0.06, 0.11)	0.004	0.089	0.045	0.034	0.179	0.05 (-0.02, 0.11)	0.061	0.041	0.144	0.06 (-0.02, 0.14)
3362_61	CHRDL1	CRDL1	226	-0.074	0.018	4.23E-05	-0.07 (-0.11, -0.04)	0.009	0.052	-0.020	0.039	0.607	-0.02 (-0.10, 0.06)	-0.003	0.113	-0.050	0.036	0.160	-0.05 (-0.12, 0.02)	-0.058	0.039	0.134	-0.06 (-0.13, 0.02)
16914_104	CD14	sCD14	226	-0.072	0.018	5.25E-05	-0.07 (-0.11, -0.04)	0.011	0.106	0.000	0.038	0.999	5.64e-05 (-0.07, 0.07)	-0.004	0.028	-0.018	0.031	0.564	-0.02 (-0.08, 0.04)	0.007	0.038	0.848	0.01 (-0.07, 0.08)
18342_2	PSAT1	SERC	226	0.087	0.022	5.64E-05	0.09 (0.04, 0.13)	0.011	9.40E-05	0.090	0.044	0.040	0.09 (4.79e-03, 0.18)	0.000	0.932	0.076	0.039	0.053	0.08 (-9.91e-04, 0.1	0.073	0.040	0.067	0.07 (-4.88e-03, 0.15)
6049_64	PTPRS	PTPRS	226	-0.094	0.023	5.87E-05	-0.09 (-0.14, -0.05)	0.011	1.61E-05	-0.026	0.047	0.585	-0.03 (-0.12, 0.07)	-0.004	0.095	-0.049	0.039	0.209	-0.05 (-0.13, 0.03)	-0.057	0.037	0.127	-0.06 (-0.13, 0.02)
9235_3	PLXDC1	PXDC1	226	-0.073	0.018	6.33E-05	-0.07 (-0.11, -0.04)	0.012	0.084	-0.070	0.039	0.077	-0.07 (-0.15, 0.01)	0.000	0.924	-0.065	0.037	0.076	-0.07 (-0.14, 0.01)	-0.087	0.037	0.022	-0.09 (-0.16, -0.01)
12618_50	AKR1C1	Aldo-keto re	226	0.077	0.019	6.63E-05	0.08 (0.04, 0.12)	0.012	0.691	0.057	0.039	0.149	0.06 (-0.02, 0.13)	0.001	0.541	0.060	0.038	0.119	0.06 (-0.02, 0.13)	0.071	0.042	0.095	0.07 (-0.01, 0.15)
17138_8	GSTA1	GST A1-1	226	0.081	0.020	8.38E-05	0.08 (0.04, 0.12)	0.014	0.042	0.051	0.041	0.220	0.05 (-0.03, 0.13)	0.002	0.407	0.049	0.036	0.170	0.05 (-0.02, 0.12)	0.062	0.040	0.119	0.06 (-0.02, 0.14)
4929_55	SHBG	SHBG	226	-0.082	0.021	8.59E-05	-0.08 (-0.12, -0.04)	0.014	1.15E-06	0.003	0.042	0.935	3.37e-03 (-0.08, 0.08)	-0.005	0.019	-0.079	0.029	0.006	-0.08 (-0.14, -0.02)	-0.049	0.039	0.206	-0.05 (-0.12, 0.03)
9313_27	CBLN1	CBLN1	226	-0.074	0.019	9.39E-05	-0.07 (-0.11, -0.04)	0.015	0.142	-0.015	0.040	0.708	-0.01 (-0.09, 0.06)	-0.004	0.089	-0.014	0.034	0.683	-0.01 (-0.08, 0.05)	-0.018	0.041	0.656	-0.02 (-0.10, 0.06)
4559_64	KYNU	KYNU	226	0.075	0.019	1.06E-04	0.07 (0.04, 0.11)	0.016	0.454	0.029	0.039	0.462	0.03 (-0.05, 0.11)	0.003	0.175	0.032	0.031	0.308	0.03 (-0.03, 0.09)	0.028	0.036	0.444	0.03 (-0.04, 0.10)
8866_53	QPCTL	QPCTL	226	-0.089	0.023	1.08E-04	-0.09 (-0.13, -0.04)	0.016	8.93E-09	-0.046	0.046	0.322	-0.05 (-0.14, 0.04)	-0.003	0.286	-0.073	0.039	0.058	-0.07 (-0.15, 2.40e-	-0.091	0.041	0.026	-0.09 (-0.17, -0.01)
7124_18	IL21	IL-21	226	-0.080	0.021	1.41E-04	-0.08 (-0.12, -0.04)	0.021	0.045	-0.080	0.042	0.060	-0.08 (-0.16, 2.97e-03)	0.000	0.995	-0.036	0.036	0.321	-0.04 (-0.11, 0.03)	-0.031	0.040	0.432	-0.03 (-0.11, 0.05)
16616_137	ENO3	ENOB	226	0.067	0.018	1.60E-04	0.07 (0.03, 0.10)	0.023	0.114	0.043	0.038	0.260	0.04 (-0.03, 0.12)	0.002	0.460	0.040	0.038	0.288	0.04 (-0.03, 0.11)	0.038	0.041	0.348	0.04 (-0.04, 0.12)
14101_2	CNTFR	CNTFR alp	226	-0.084	0.022	1.70E-04	-0.08 (-0.13, -0.04)	0.023	0.001	-0.023	0.045	0.609	-0.02 (-0.11, 0.07)	-0.004	0.119	-0.044	0.036	0.230	-0.04 (-0.12, 0.03)	-0.030	0.047	0.523	-0.03 (-0.12, 0.06)
19241_31	RBP5	RBP-III	226	0.077	0.020	1.72E-04	0.08 (0.04, 0.12)	0.023	0.009	0.079	0.041	0.057	0.08 (-2.02e-03, 0.16)	0.000	0.953	0.066	0.039	0.090	0.07 (-0.01, 0.14)	0.072	0.039	0.066	0.07 (-4.33e-03, 0.15)
7860_9	HERC4	HERC4	226	0.072	0.019	1.76E-04	0.07 (0.03, 0.11)	0.023	0.080	0.041	0.041	0.324	0.04 (-0.04, 0.12)	0.002	0.383	0.055	0.036	0.125	0.06 (-0.02, 0.13)	0.069	0.038	0.067	0.07 (-4.58e-03, 0.14)
6497_10	RS1	XLRS1	226	0.073	0.019	1.83E-04	0.07 (0.03, 0.11)	0.023	0.204	0.032	0.041	0.428	0.03 (-0.05, 0.11)	0.003	0.251	0.026	0.034	0.453	0.03 (-0.04, 0.09)	0.019	0.043	0.652	0.02 (-0.06, 0.10)
19120_33	DAO	OXDA	226	0.072	0.019	2.22E-04	0.07 (0.03, 0.11)	0.028	0.353	0.095	0.040	0.018	0.09 (0.02, 0.17)	-0.001	0.506	0.093	0.041	0.023	0.09 (0.01, 0.17)	0.095	0.045	0.034	0.10 (0.01, 0.18)
11416_23	FBXL4	FBXL4	226	-0.077	0.021	2.72E-04	-0.08 (-0.12, -0.04)	0.028	0.009	-0.015	0.043	0.732	-0.01 (-0.10, 0.07)	-0.004	0.091	-0.057	0.039	0.147	-0.06 (-0.13, 0.02)	-0.043	0.040	0.292	-0.04 (-0.12, 0.04)
13460_4	CHAD	CHAD	226	-0.071	0.020	2.49E-04	-0.07 (-0.11, -0.03)	0.028	0.119	0.004	0.041	0.921	4.06e-03 (-0.08, 0.08)	-0.005	0.036	-0.012	0.034	0.726	-0.01 (-0.08, 0.06)	-0.015	0.043	0.723	-0.02 (-0.10, 0.07)
13933_276	NAB1	NAB1	226	0.069	0.019	2.44E-04	0.07 (0.03, 0.11)	0.028	0.196	0.035	0.039	0.375	0.03 (-0.04, 0.11)	0.002	0.321	0.036	0.035	0.312	0.04 (-0.03, 0.11)	0.042	0.043	0.321	0.04 (-0.04, 0.13)
15525_294	ADH1C	ADH1G	226	0.085	0.023	2.86E-04	0.08 (0.04, 0.13)	0.028	7.13E-08	0.059	0.047	0.209	0.06 (-0.03, 0.15)	0.002	0.536	0.070	0.039	0.076	0.07 (-0.01, 0.15)	0.044	0.042	0.299	0.04 (-0.04, 0.13)
15591_28	GPX1	Glutathione	226	0.068	0.019	3.09E-04	0.07 (0.03, 0.11)	0.028	0.834	0.022	0.038	0.565	0.02 (-0.05, 0.10)	0.003	0.162	0.043	0.032	0.175	0.04 (-0.02, 0.11)	0.012	0.038	0.753	0.01 (-0.06, 0.09)
16763_11	LECT2	LECT2	226	0.077	0.021	3.05E-04	0.08 (0.04, 0.12)	0.028	0.023	-0.017	0.042	0.680	-0.02 (-0.10, 0.07)	0.006	0.011	0.095	0.039	0.016	0.09 (0.02, 0.17)	0.064	0.043	0.137	0.06 (-0.02, 0.15)
18397_5	AKR1C4	AK1C4	226	0.079	0.022	3.06E-04	0.08 (0.04, 0.12)	0.028	8.60E-06	0.033	0.044	0.456	0.03 (-0.05, 0.12)	0.003	0.229	0.017	0.034	0.612	0.02 (-0.05, 0.08)	0.013	0.040	0.747	0.01 (-0.07, 0.09)
19238_12	GLUL	GLNA	226	0.076	0.021	2.72E-04	0.08 (0.04, 0.12)	0.028	0.009	0.050	0.042	0.233	0.05 (-0.03, 0.13)	0.002	0.482	0.013	0.037	0.732	0.01 (-0.06, 0.08)	0.001	0.043	0.987	6.89e-04 (-0.08, 0.08)
2837_3	MET	Met	226	-0.115	0.032	3.07E-04	-0.12 (-0.18, -0.05)	0.028	4.02E-40	0.011	0.064	0.866	0.01 (-0.11, 0.14)	-0.008	0.024	-0.023	0.034	0.501	-0.02 (-0.09, 0.04)	-0.011	0.044	0.798	-0.01 (-0.10, 0.08)
2950_57	IGFBP4	IGFBP-4	226	0.071	0.019	2.35E-04	0.07 (0.03, 0.11)	0.028	0.098	0.004	0.041	0.914	4.45e-03 (-0.08, 0.08)	0.004	0.063	0.043	0.033	0.200	0.04 (-0.02, 0.11)	0.042	0.040	0.297	0.04 (-0.04, 0.12)
3580_25	SERPINA1	a1-Antitryps	226	-0.080	0.022	3.03E-04	-0.08 (-0.12, -0.04)	0.028	7.45E-05	-0.068	0.045	0.133	-0.07 (-0.16, 0.02)	-0.001	0.747	-0.067	0.040	0.092	-0.07 (-0.15, 0.01)	-0.066	0.037	0.076	-0.07 (-0.14, 0.01)
7767_1	CLPSL2	CF126	226	0.069	0.019	3.03E-04	0.07 (0.03, 0.11)	0.028	0.408	0.059	0.039	0.132	0.06 (-0.02, 0.14)	0.001	0.766	0.030	0.036	0.402	0.03 (-0.04, 0.10)	0.039	0.043	0.361	0.04 (-0.04, 0.12)
7995_16	VWC2L	VWC2L	226	0.071	0.020	2.61E-04	0.07 (0.03, 0.11)	0.028	0.547	0.072	0.039	0.069	0.07 (-0.01, 0.15)	0.000	0.989	0.093	0.042	0.027	0.09 (0.01, 0.18)	0.092	0.043	0.032	0.09 (0.01, 0.18)
8908_14	KCNE5	KCE1L	226	-0.074	0.020	2.97E-04	-0.07 (-0.11, -0.03)	0.028	0.045	-0.037	0.041	0.370	-0.04 (-0.12, 0.04)	-0.002	0.302	-0.052	0.030	0.082	-0.05 (-0.11, 0.01)	-0.022	0.043	0.609	-0.02 (-0.11, 0.06)
7100_31	CD2	CD2	226	-0.065	0.018	3.17E-04	-0.07 (-0.10, -0.03)	0.029	0.013	-0.009	0.036	0.811	-0.01 (-0.08, 0.06)	-0.004	0.074	-0.038	0.028	0.175	-0.04 (-0.09, 0.02)	-0.039	0.034	0.254	-0.04 (-0.10, 0.03)
7218_87	ATP1B2	AT1B2	226	-0.075	0.021	3.46E-04	-0.08 (-0.12, -0.03)	0.030	0.001	0.016	0.042	0.696	0.02 (-0.07, 0.10)	-0.006	0.012	-0.056	0.030	0.063	-0.06 (-0.12, 3.11e-	-0.020	0.046	0.661	-0.02 (-0.11, 0.07)
7957_2	SCG3	SCG3	226	-0.071	0.020	3.44E-04	-0.07 (-0.11, -0.03)	0.030	0.037	0.005	0.040	0.907	4.66e-03 (-0.07, 0.08)	-0.005	0.029	-0.024	0.036	0.512	-0.02 (-0.09, 0.05)	-0.030	0.040	0.451	-0.03 (-0.11, 0.05)
13053_6	SLC6A14	S6A14	226	0.069	0.019	3.66E-04	0.07 (0.03, 0.11)	0.031	0.368	0.031	0.039	0.433	0.03 (-0.05, 0.11)	0.002	0.270	0.053	0.032	0.096	0.05 (-0.01, 0.11)	0.023	0.041	0.572	0.02 (-0.06, 0.10)
14088_38	IGFBP6	IGFBP-6	226	-0.067	0.019	3.60E-04	-0.07 (-0.10, -0.03)	0.031	0.162	-0.072	0.039	0.068	-0.07 (-0.15, 0.01)	0.000	0.871	-0.084	0.036	0.021	-0.08 (-0.16, -0.01)	-0.074	0.038	0.055	-0.07 (-0.15, 1.34e-03)
11539_4	ATP5J2	ATPK	226	0.068	0.019	4.03E-04	0.07 (0.03, 0.11)	0.033	0.163	0.053	0.040	0.192	0.05 (-0.03, 0.13)	0.001	0.670	0.047	0.032	0.147	0.05 (-0.02, 0.11)	-0.021	0.048	0.662	-0.02 (-0.12, 0.07)
10521_10	MXRA8	MXRA8	226	-0.079	0.022	4.48E-04	-0.08 (-0.12, -0.03)	0.036	1.28E-06	0.003	0.045	0.953	2.67e-03 (-0.09, 0.09)	-0.005	0.038	-0.054	0.035	0.120	-0.05 (-0.12, 0.01)	-0.060	0.037	0.108	-0.06 (-0.13, 0.01)
18291_8	CDKN1A	p21	226	0.065	0.019	4.41E-04	0.07 (0.03, 0.10)	0.036	0.516	0.080	0.037	0.035	0.08 (0.01, 0.15)	-0.001	0.661	0.038	0.030	0.197	0.04 (-0.02, 0.10)	0.024	0.042	0.574	0.02 (-0.06, 0.11)
6557_50	LRRC15	LRC15	226	-0.067	0.019	4.66E-04	-0.07 (-0.10, -0.03)	0.037	0.292	-0.010	0.039	0.801	-0.01 (-0.09, 0.07)	-0.004	0.096	-0.042	0.038	0.259	-0.04 (-0.12, 0.03)	-0.056	0.038	0.140	-0.06 (-0.13, 0.02)
18185_118	ALDOB	ALDOB	226	0.082	0.024	4.97E-04	0.08 (0.04, 0.13)	0.038	1.47E-09	0.077	0.048	0.107	0.08 (-0.02, 0.17)	0.000	0.902	0.080	0.039	0.039	0.08 (4.16e-03, 0.1	0.062	0.036	0.090	0.06 (-0.01, 0.13)
9557_5	MANSC1	MANS1	226	-0.086	0.025	4.96E-04	-0.09 (-0.14, -0.04)	0.038	9.47E-10	-0.022	0.050	0.656	-0.02 (-0.12, 0.08)	-0.004	0.139	-0.019	0.033	0.559	-0.02 (-0.08, 0.05)	-0.007	0.043	0.864	-0.01 (-0.09, 0.08)
9609_25	ZNF275	ZN275	226	0.068	0.019	4.97E-04	0.07 (0.03, 0.11)	0.038	0.277	0.031	0.040	0.437	0.03 (-0.05, 0.11)	0.002	0.298	0.047	0.041	0.243	0.05 (-0.03, 0.13)	0.058	0.042	0.177	0.06 (-0.03, 0.14)
6647_55	UBC	PolyUbiquit	226	0.066	0.019	0.001	0.07 (0.03, 0.10)	0.038	0.622	0.098	0.038	0.011	0.10 (0.02, 0.17)	-0.002	0.329	0.037	0.034	0.271	0.04 (-0.03, 0.10)	0.051	0.043	0.239	0.05 (-0.03, 0.14)
6622_90	APLN	APEL	226	0.066	0.019	0.001	0.07 (0.03, 0.10)	0.039	0.207	0.035	0.040	0.375	0.04 (-0.04, 0.11)	0.002	0.376	0.030	0.035	0.398	0.03 (-0.04, 0.10)	0.050	0.042	0.235	0.05 (-0.03, 0.13)
14294_61	MBD1	MBD1	226	0.067	0.019	0.001	0.07 (0.03, 0.10)	0.039	0.227	0.057	0.040	0.162	0.06 (-0.02, 0.14)	0.001	0.772	0.022	0.036	0.535	0.02 (-0.05, 0.09)	0.031	0.038	0.413	0.03 (-0.04, 0.10)
3009_3	TGFBR3	TGF-b R III	226	-0.073	0.021	0.001	-0.07 (-0.11, -0.03)	0.039	0.019	-0.013	0.042	0.760	-0.01 (-0.10, 0.07)	-0.004	0.104	-0.039	0.035	0.264	-0.04 (-0.11, 0.03)	-0.030	0.040	0.458	-0.03 (-0.11, 0.05)
13524_25	HS6ST2	H6ST2	226	-0.081	0.024	0.001	-0.08 (-0.13, -0.03)	0.041	5.71E-06	-0.038	0.048	0.427	-0.04 (-0.13, 0.06)	-0.003	0.295	-0.075	0.036	0.038	-0.07 (-0.14, -4.28e-	-0.093	0.038	0.016	-0.09 (-0.17, -0.02)
18398_1	AKR1D1	AK1D1	226	0.069	0.020	0.001	0.07 (0.03, 0.11)	0.041	0.011	0.019	0.041	0.635	0.02 (-0.06, 0.10)	0.003	0.156	0.010	0.034	0.781	0.01 (-0.06, 0.08)	0.007	0.042	0.875	0.01 (-0.08, 0.09)
6507_16	NCAM2	NCAM2	226	-0.064	0.019	0.001	-0.06 (-0.10, -0.03)	0.041	0.078	0.020	0.040	0.618	0.02 (-0.06, 0.10)	-0.005	0.016	-0.040	0.032	0.208	-0.04 (-0.10, 0.02)	-0.025	0.040	0.535	-0.02 (-0.10, 0.05)
11215_6	CDH15	CAD15	226	-0.064	0.019	0.001	-0.06 (-0.10, -0.03)	0.042	0.237	-0.063	0.039	0.111	-0.06 (-0.14, 0.01)	0.000	0.966	-0.065	0.032	0.047	-0.06 (-0.13, -9.63e-	-0.059	0.042	0.161	-0.06 (-0.14, 0.02)
3212_30	ASAH2	ASAH2	226	0.064	0.019	0.001	0.06 (0.03, 0.10)	0.042	0.529	0.058	0.038	0.130	0.06 (-0.02, 0.13)	0.000	0.842	0.082	0.038	0.033	0.08 (0.01, 0.16)	0.085	0.042	0.043	0.09 (3.34e-03, 0.17)
8447_11	GHRL	ghrelin	226	-0.068	0.020	0.001	-0.07 (-0.11, -0.03)	0.042	0.033	0.032	0.039	0.419	0.03 (-0.05, 0.11)	-0.006	0.004	-0.017	0.031	0.590	-0.02 (-0.08, 0.04)	-0.008	0.039	0.835	-0.01 (-0.08, 0.07)
9312_8	AZGP1	AZGP1	226	-0.065	0.019	0.001	-0.06 (-0.10, -0.03)	0.042	0.389	-0.008	0.039	0.826	-0.01 (-0.08, 0.07)	-0.004	0.093	-0.024	0.032	0.452	-0.02 (-0.09, 0.04)	-0.021	0.043	0.627	-0.02 (-0.11, 0.06)
3367_8	FETUB	FETUB	226	0.075	0.022	0.001	0.08 (0.03, 0.12)	0.045	2.30E-05	0.131	0.045	0.004	0.13 (0.04, 0.22)	-0.003	0.154	0.065	0.039	0.097	0.06 (-0.01, 0.14)	0.064	0.041	0.120	0.06 (-0.02, 0.15)
14618_26	VOPP1	ECOP	226	-0.077	0.023	0.001	-0.08 (-0.12, -0.03)	0.045	5.22E-09	0.040	0.045	0.373	0.04 (-0.05, 0.13)	-0.007	0.003	-0.070	0.031	0.026	-0.07 (-0.13, -0.01)	-0.013	0.041	0.754	-0.01 (-0.09, 0.07)
15364_101	APOC1	Apo C-I	226	-0.079	0.023	0.001	-0.08 (-0.12, -0.03)	0.045	2.05E-05	0.002	0.046	0.960	2.34e-03 (-0.09, 0.09)	-0.005	0.046	-0.024	0.035	0.488	-0.02 (-0.09, 0.04)	-0.022	0.040	0.578	-0.02 (-0.10, 0.06)
15467_10	CTHRC1	CTHR1	226	-0.064	0.019	0.001	-0.06 (-0.10, -0.03)	0.046	0.147	-0.045	0.040	0.267	-0.04 (-0.12, 0.03)	-0.001	0.581	-0.035	0.034	0.310	-0.03 (-0.10, 0.03)	-0.015	0.040	0.716	-0.01 (-0.09, 0.06)
5000_52	LGALS3BP	LG3BP	226	0.075	0.022	0.001	0.07 (0.03, 0.12)	0.047	2.07E-04	0.044	0.045	0.324	0.04 (-0.04, 0.13)	0.002	0.435	0.057	0.038	0.139	0.06 (-0.02, 0.13)	0.063	0.039	0.104	0.06 (-0.01, 0.14)
5404_53	TNFRSF21	DR6	226	-0.074	0.022	0.001	-0.07 (-0.12, -0.03)	0.047	0.001	-0.073	0.045	0.103	-0.07 (-0.16, 0.01)	0.000	0.974	-0.083	0.041	0.044	-0.08 (-0.16, -2.14e-	-0.087	0.042	0.041	-0.09 (-0.17, -3.96e-03)
17811_78	SULT1C2	ST1C2	226	0.065	0.020	0.001	0.07 (0.03, 0.10)	0.047	0.495	0.034	0.039	0.394	0.03 (-0.04, 0.11)	0.002	0.351	0.055	0.040	0.167	0.05 (-0.02, 0.13)	0.061	0.044	0.165	0.06 (-0.02, 0.15)
7948_129	GLTPD2	GLTD2	226	0.063	0.019	0.001	0.06 (0.03, 0.10)	0.047	0.249	0.030	0.039	0.443	0.03 (-0.05, 0.11)	0.002	0.330	0.053	0.036	0.137	0.05 (-0.02, 0.12)	0.037	0.041	0.359	0.04 (-0.04, 0.12)
5843_60	EHMT2	NG36	226	-0.080	0.024	0.001	-0.08 (-0.13, -0.03)	0.048	4.78E-09	0.015	0.048	0.760	0.01 (-0.08, 0.11)	-0.006	0.023	-0.044	0.032	0.170	-0.04 (-0.11, 0.02)	-0.038	0.043	0.384	-0.04 (-0.12, 0.05)
7131_207	TNC	Tenascin	226	-0.065	0.019	0.001	-0.06 (-0.10, -0.03)	0.051	0.127	-0.051	0.041	0.214	-0.05 (-0.13, 0.03)	-0.001	0.715	-0.055	0.041	0.184	-0.05 (-0.14, 0.03)	-0.076	0.044	0.085	-0.08 (-0.16, 0.01)
2834_54	KLK8	kallikrein 8	226	-0.063	0.019	0.001	-0.06 (-0.10, -0.03)	0.051	0.190	-0.027	0.040	0.489	-0.03 (-0.11, 0.05)	-0.002	0.305	-0.047	0.038	0.216	-0.05 (-0.12, 0.03)	-0.037	0.040	0.356	-0.04 (-0.12, 0.04)
19636_23	HLA-G	HLA-G	226	-0.063	0.019	0.001	-0.06 (-0.10, -0.03)	0.052	0.123	-0.037	0.040	0.359	-0.04 (-0.12, 0.04)	-0.002	0.463	-0.074	0.037	0.046	-0.07 (-0.15, -1.45e-	-0.057	0.039	0.140	-0.06 (-0.13, 0.02)
7145_1	ITIH3	ITIH3	226	-0.068	0.021	0.001	-0.07 (-0.11, -0.03)	0.054	0.002	-0.078	0.042	0.061	-0.08 (-0.16, 3.23e-03)	0.001	0.776	-0.041	0.034	0.222	-0.04 (-0.11, 0.02)	-0.049	0.039	0.216	-0.05 (-0.13, 0.03)
19126_4	RPRD1B	C20orf77	226	0.062	0.019	0.001	0.06 (0.02, 0.10)	0.057	0.737	0.031	0.038	0.415	0.03 (-0.04, 0.11)	0.002	0.350	0.038	0.037	0.305	0.04 (-0.03, 0.11)	0.048	0.037	0.196	0.05 (-0.02, 0.12)
11334_7	LILRB3	LIRB3	226	0.061	0.019	0.001	0.06 (0.02, 0.10)	0.057	0.397	0.016	0.038	0.683	0.02 (-0.06, 0.09)	0.003	0.167	0.021	0.033	0.522	0.02 (-0.04, 0.08)	0.011	0.039	0.770	0.01 (-0.07, 0.09)
13516_46	EMC4	TMM85	226	-0.068	0.021	0.001	-0.07 (-0.11, -0.03)	0.059	0.016	-0.023	0.042	0.577	-0.02 (-0.11, 0.06)	-0.003	0.224	-0.063	0.031	0.044	-0.06 (-0.12, -1.64e-	-0.070	0.043	0.104	-0.07 (-0.15, 0.01)
13697_51	GPD1	GPDA	226	0.068	0.021	0.001	0.07 (0.03, 0.11)	0.059	0.026	0.003	0.042	0.941	3.13e-03 (-0.08, 0.09)	0.004	0.076	0.024	0.040	0.549	0.02 (-0.05, 0.10)	0.022	0.041	0.590	0.02 (-0.06, 0.10)
16902_17	LAMP1	LAMP1	226	-0.063	0.019	0.001	-0.06 (-0.10, -0.03)	0.059	0.747	-0.088	0.039	0.026	-0.09 (-0.16, -0.01)	0.002	0.470	-0.075	0.041	0.069	-0.08 (-0.16, 0.01)	-0.109	0.043	0.013	-0.11 (-0.19, -0.02)
17755_5	UGDH	UGDH	226	0.061	0.019	0.001	0.06 (0.02, 0.10)	0.059	0.214	0.025	0.039	0.522	0.03 (-0.05, 0.10)	0.002	0.293	0.033	0.031	0.296	0.03 (-0.03, 0.09)	-0.013	0.039	0.731	-0.01 (-0.09, 0.06)
2677_1	EGFR	ERBB1	226	-0.072	0.022	0.001	-0.07 (-0.12, -0.03)	0.059	1.25E-04	0.010	0.044	0.819	0.01 (-0.08, 0.10)	-0.005	0.034	-0.041	0.036	0.252	-0.04 (-0.11, 0.03)	-0.058	0.043	0.180	-0.06 (-0.14, 0.03)
3216_2	PIGR	PIGR	226	0.067	0.021	0.001	0.07 (0.03, 0.11)	0.059	0.031	0.056	0.042	0.179	0.06 (-0.03, 0.14)	0.001	0.763	0.061	0.040	0.122	0.06 (-0.02, 0.14)	0.050	0.039	0.201	0.05 (-0.03, 0.13)
9805_51	SEMA4B	SEM4B	226	-0.060	0.019	0.001	-0.06 (-0.10, -0.02)	0.059	0.278	-0.018	0.038	0.644	-0.02 (-0.09, 0.06)	-0.003	0.202	-0.022	0.031	0.484	-0.02 (-0.08, 0.04)	-0.016	0.046	0.732	-0.02 (-0.11, 0.07)
2999_6	LSAMP	LSAMP	226	-0.061	0.019	0.001	-0.06 (-0.10, -0.02)	0.060	0.006	-0.013	0.038	0.725	-0.01 (-0.09, 0.06)	-0.003	0.149	-0.031	0.032	0.335	-0.03 (-0.09, 0.03)	-0.031	0.037	0.399	-0.03 (-0.10, 0.04)
11563_51	SYTL4	SYTL4	226	0.067	0.021	0.001	0.07 (0.03, 0.11)	0.060	0.006	0.047	0.042	0.264	0.05 (-0.04, 0.13)	0.001	0.577	0.038	0.037	0.296	0.04 (-0.03, 0.11)	0.051	0.042	0.226	0.05 (-0.03, 0.13)
16890_37	ADAMTSL1	ATL1	226	-0.057	0.018	0.001	-0.06 (-0.09, -0.02)	0.060	0.212	-0.001	0.037	0.978	-1.01e-03 (-0.07, 0.07)	-0.004	0.080	-0.044	0.034	0.198	-0.04 (-0.11, 0.02)	-0.039	0.037	0.294	-0.04 (-0.11, 0.03)
7859_21	PCDHGC3	PCDGK	226	0.063	0.019	0.001	0.06 (0.02, 0.10)	0.060	0.210	0.019	0.040	0.632	0.02 (-0.06, 0.10)	0.003	0.219	0.049	0.036	0.174	0.05 (-0.02, 0.12)	0.037	0.044	0.411	0.04 (-0.05, 0.12)
8841_65	CILP2	CILP2	226	-0.063	0.020	0.001	-0.06 (-0.10, -0.02)	0.062	0.005	-0.025	0.040	0.534	-0.02 (-0.10, 0.05)	-0.002	0.263	-0.063	0.031	0.042	-0.06 (-0.12, -2.20e-	-0.037	0.037	0.305	-0.04 (-0.11, 0.03)
18875_125	COL2A1	Chondrocal	226	-0.062	0.019	0.001	-0.06 (-0.10, -0.02)	0.064	0.157	-0.028	0.041	0.492	-0.03 (-0.11, 0.05)	-0.002	0.339	-0.038	0.040	0.334	-0.04 (-0.12, 0.04)	-0.048	0.042	0.257	-0.05 (-0.13, 0.03)
8929_7	BDP1	BDP1	226	0.060	0.019	0.001	0.06 (0.02, 0.10)	0.065	0.235	0.047	0.039	0.228	0.05 (-0.03, 0.12)	0.001	0.710	0.026	0.038	0.498	0.03 (-0.05, 0.10)	0.028	0.042	0.503	0.03 (-0.05, 0.11)
4568_17	SLITRK5	SLIK5	226	-0.058	0.018	0.001	-0.06 (-0.09, -0.02)	0.069	0.126	-0.004	0.038	0.915	-4.11e-03 (-0.08, 0.07)	-0.003	0.109	-0.041	0.035	0.244	-0.04 (-0.11, 0.03)	-0.045	0.038	0.235	-0.05 (-0.12, 0.03)
12851_5	POLM	DPOLM	226	0.059	0.019	0.002	0.06 (0.02, 0.10)	0.070	0.549	0.068	0.037	0.070	0.07 (-0.01, 0.14)	-0.001	0.779	0.058	0.030	0.051	0.06 (-3.28e-04, 0.1	0.019	0.039	0.620	0.02 (-0.06, 0.10)
3607_71	DKK3	DKK3	226	-0.072	0.023	0.002	-0.07 (-0.12, -0.03)	0.070	4.17E-05	0.013	0.046	0.777	0.01 (-0.08, 0.10)	-0.005	0.032	-0.019	0.036	0.597	-0.02 (-0.09, 0.05)	-0.021	0.043	0.622	-0.02 (-0.11, 0.06)
4145_58	NTF3	Neurotroph	226	-0.061	0.019	0.002	-0.06 (-0.10, -0.02)	0.072	0.142	-0.019	0.041	0.635	-0.02 (-0.10, 0.06)	-0.003	0.241	-0.086	0.039	0.029	-0.09 (-0.16, -0.01)	-0.065	0.044	0.139	-0.07 (-0.15, 0.02)
15447_45	SORD	Sorbitol de	226	0.069	0.022	0.002	0.07 (0.03, 0.11)	0.075	1.91E-04	0.071	0.045	0.114	0.07 (-0.02, 0.16)	0.000	0.970	0.029	0.035	0.418	0.03 (-0.04, 0.10)	0.057	0.040	0.159	0.06 (-0.02, 0.14)
7206_20	FBP1	F16P1	226	0.072	0.023	0.002	0.07 (0.03, 0.12)	0.075	2.44E-07	0.036	0.046	0.438	0.04 (-0.05, 0.13)	0.002	0.369	0.046	0.039	0.240	0.05 (-0.03, 0.12)	0.037	0.038	0.320	0.04 (-0.04, 0.11)
11313_100	PCBD1	PHS	226	0.074	0.024	0.002	0.07 (0.03, 0.12)	0.077	1.28E-07	0.070	0.048	0.144	0.07 (-0.02, 0.16)	0.000	0.925	0.083	0.039	0.031	0.08 (0.01, 0.16)	0.074	0.041	0.073	0.07 (-0.01, 0.16)
16916_19	SLITRK6	SLIK6	226	-0.067	0.022	0.002	-0.07 (-0.11, -0.03)	0.078	0.004	-0.058	0.044	0.182	-0.06 (-0.14, 0.03)	-0.001	0.809	-0.078	0.039	0.046	-0.08 (-0.15, -1.55e-	-0.092	0.039	0.020	-0.09 (-0.17, -0.01)
5078_82	EPHB6	EphB6	226	-0.057	0.018	0.002	-0.06 (-0.09, -0.02)	0.078	0.171	-0.006	0.038	0.880	-0.01 (-0.08, 0.07)	-0.003	0.124	-0.045	0.038	0.242	-0.04 (-0.12, 0.03)	-0.029	0.037	0.432	-0.03 (-0.10, 0.04)
15487_164	CES1	carboxylest	226	0.078	0.025	0.002	0.08 (0.03, 0.13)	0.078	6.84E-10	0.041	0.050	0.416	0.04 (-0.06, 0.14)	0.002	0.399	0.047	0.036	0.196	0.05 (-0.02, 0.12)	0.056	0.044	0.204	0.06 (-0.03, 0.14)
9199_6	UBE2G2	UB2G2	226	0.070	0.022	0.002	0.07 (0.03, 0.11)	0.079	8.21E-05	-0.013	0.045	0.780	-0.01 (-0.10, 0.08)	0.005	0.035	0.070	0.034	0.038	0.07 (3.83e-03, 0.1	0.062	0.040	0.121	0.06 (-0.02, 0.14)
11241_8	ASL	ARLY	226	0.068	0.022	0.002	0.07 (0.02, 0.11)	0.080	4.58E-05	0.056	0.044	0.207	0.06 (-0.03, 0.14)	0.001	0.753	0.033	0.036	0.348	0.03 (-0.04, 0.10)	0.033	0.035	0.338	0.03 (-0.03, 0.10)
8956_96	SCARF2	SREC-II	226	-0.062	0.020	0.002	-0.06 (-0.10, -0.02)	0.080	0.021	-0.021	0.040	0.608	-0.02 (-0.10, 0.06)	-0.003	0.237	-0.034	0.036	0.349	-0.03 (-0.11, 0.04)	-0.055	0.038	0.152	-0.06 (-0.13, 0.02)
16307_22	UNC5D	UNC5H4	226	-0.057	0.018	0.002	-0.06 (-0.09, -0.02)	0.080	0.206	0.038	0.038	0.309	0.04 (-0.04, 0.11)	-0.006	0.004	-0.028	0.034	0.399	-0.03 (-0.09, 0.04)	-0.013	0.039	0.751	-0.01 (-0.09, 0.06)
7198_197	FAM20B	FA20B	226	-0.081	0.026	0.002	-0.08 (-0.13, -0.03)	0.080	4.21E-15	-0.026	0.053	0.620	-0.03 (-0.13, 0.08)	-0.003	0.231	-0.104	0.037	0.005	-0.10 (-0.18, -0.03)	-0.092	0.039	0.018	-0.09 (-0.17, -0.02)
13481_24	TCEA2	TCEA2	226	0.057	0.018	0.002	0.06 (0.02, 0.09)	0.081	0.297	0.025	0.038	0.508	0.03 (-0.05, 0.10)	0.002	0.336	-0.009	0.034	0.800	-0.01 (-0.07, 0.06)	-0.003	0.041	0.938	-3.21e-03 (-0.08, 0.08)
13496_19	HMGCS1	HMCS1	226	0.066	0.022	0.002	0.07 (0.02, 0.11)	0.085	2.42E-04	0.082	0.044	0.060	0.08 (-3.09e-03, 0.17)	-0.001	0.673	0.049	0.038	0.201	0.05 (-0.03, 0.12)	0.042	0.041	0.298	0.04 (-0.04, 0.12)
7210_25	APLP1	Amyloid-lik	226	-0.058	0.019	0.002	-0.06 (-0.09, -0.02)	0.085	0.118	0.047	0.039	0.232	0.05 (-0.03, 0.12)	-0.007	0.002	-0.027	0.036	0.452	-0.03 (-0.10, 0.04)	-0.016	0.045	0.723	-0.02 (-0.10, 0.07)
5242_37	MAP2K4	MP2K4	226	-0.065	0.021	0.002	-0.07 (-0.11, -0.02)	0.086	0.025	-0.010	0.043	0.817	-0.01 (-0.09, 0.07)	-0.003	0.137	-0.003	0.033	0.919	-3.31e-03 (-0.07, 0.	0.016	0.041	0.700	0.02 (-0.06, 0.10)
10974_20	SPINK7	ISK7	226	-0.061	0.020	0.002	-0.06 (-0.10, -0.02)	0.087	0.015	-0.033	0.040	0.419	-0.03 (-0.11, 0.05)	-0.002	0.417	-0.018	0.032	0.582	-0.02 (-0.08, 0.05)	-0.025	0.038	0.506	-0.03 (-0.10, 0.05)
12795_2	ZNF566	ZN566	226	0.059	0.019	0.002	0.06 (0.02, 0.10)	0.087	0.443	0.053	0.039	0.175	0.05 (-0.02, 0.13)	0.000	0.870	0.046	0.040	0.253	0.05 (-0.03, 0.12)	0.062	0.041	0.136	0.06 (-0.02, 0.14)
13509_5	SCAMP5	SCAM5	226	0.060	0.020	0.002	0.06 (0.02, 0.10)	0.087	0.572	0.007	0.039	0.852	0.01 (-0.07, 0.08)	0.003	0.126	0.042	0.043	0.323	0.04 (-0.04, 0.13)	0.032	0.044	0.467	0.03 (-0.05, 0.12)
16907_3	CADM2	Nectin-like	226	-0.060	0.020	0.002	-0.06 (-0.10, -0.02)	0.087	0.024	0.020	0.039	0.610	0.02 (-0.06, 0.10)	-0.005	0.020	-0.035	0.030	0.241	-0.04 (-0.09, 0.02)	0.002	0.041	0.956	2.27e-03 (-0.08, 0.08)
2696_87	PSPN	Persephin	226	-0.052	0.017	0.002	-0.05 (-0.09, -0.02)	0.087	0.064	-0.069	0.037	0.064	-0.07 (-0.14, 3.74e-03)	0.001	0.610	-0.061	0.030	0.043	-0.06 (-0.12, -1.88e-	-0.078	0.037	0.035	-0.08 (-0.15, -0.01)
5581_28	FGL1	FGL1	226	-0.060	0.020	0.002	-0.06 (-0.10, -0.02)	0.087	0.010	-0.072	0.040	0.073	-0.07 (-0.15, 0.01)	0.001	0.739	-0.080	0.036	0.025	-0.08 (-0.15, -0.01)	-0.063	0.039	0.107	-0.06 (-0.14, 0.01)
15544_25	KLK14	kallikrein 1	226	-0.063	0.021	0.002	-0.06 (-0.10, -0.02)	0.090	0.008	-0.007	0.041	0.868	-0.01 (-0.09, 0.07)	-0.003	0.123	-0.017	0.032	0.609	-0.02 (-0.08, 0.05)	0.013	0.042	0.756	0.01 (-0.07, 0.09)
5660_51	SOD3	SOD3	226	-0.065	0.021	0.002	-0.07 (-0.11, -0.02)	0.090	1.51E-04	0.002	0.043	0.956	2.38e-03 (-0.08, 0.09)	-0.004	0.072	-0.045	0.032	0.155	-0.05 (-0.11, 0.02)	-0.036	0.039	0.354	-0.04 (-0.11, 0.04)
5307_12	F9	Coagulatio	226	0.069	0.023	0.002	0.07 (0.02, 0.11)	0.091	2.15E-05	-0.028	0.046	0.534	-0.03 (-0.12, 0.06)	0.006	0.014	0.021	0.036	0.555	0.02 (-0.05, 0.09)	0.033	0.041	0.420	0.03 (-0.05, 0.11)
2831_29	KLK11	Kallikrein 1	226	-0.059	0.019	0.002	-0.06 (-0.10, -0.02)	0.091	0.729	-0.011	0.039	0.778	-0.01 (-0.09, 0.07)	-0.003	0.161	-0.002	0.034	0.956	-1.91e-03 (-0.07, 0.	-0.009	0.040	0.830	-0.01 (-0.09, 0.07)
13039_1	PPP1R8	PP1R8	226	0.059	0.020	0.003	0.06 (0.02, 0.10)	0.092	0.162	0.046	0.041	0.265	0.05 (-0.03, 0.13)	0.001	0.718	0.080	0.038	0.036	0.08 (0.01, 0.15)	0.094	0.040	0.019	0.09 (0.02, 0.17)
7786_83	CLEC2B	CLC2B	226	0.059	0.019	0.003	0.06 (0.02, 0.10)	0.092	0.164	0.028	0.041	0.489	0.03 (-0.05, 0.11)	0.002	0.395	0.017	0.038	0.651	0.02 (-0.06, 0.09)	0.016	0.043	0.714	0.02 (-0.07, 0.10)
19553_14	STX1A	STX1a	226	-0.063	0.021	0.003	-0.06 (-0.10, -0.02)	0.096	0.013	0.010	0.042	0.813	0.01 (-0.07, 0.09)	-0.005	0.046	-0.022	0.037	0.557	-0.02 (-0.09, 0.05)	-0.040	0.037	0.291	-0.04 (-0.11, 0.03)
13439_6	IQCF3	IQCF3	226	0.058	0.019	0.003	0.06 (0.02, 0.10)	0.098	0.696	0.030	0.039	0.445	0.03 (-0.05, 0.11)	0.002	0.407	0.030	0.037	0.417	0.03 (-0.04, 0.10)	0.045	0.045	0.314	0.05 (-0.04, 0.13)
15644_1	BTD	Biotinidase	226	0.057	0.019	0.003	0.06 (0.02, 0.09)	0.098	0.055	0.074	0.041	0.075	0.07 (-0.01, 0.16)	-0.001	0.640	0.049	0.037	0.183	0.05 (-0.02, 0.12)	0.060	0.042	0.151	0.06 (-0.02, 0.14)
12476_50	TIGAR	TIGAR	226	0.058	0.019	0.003	0.06 (0.02, 0.10)	0.101	0.268	0.009	0.040	0.822	0.01 (-0.07, 0.09)	0.003	0.161	0.022	0.040	0.573	0.02 (-0.06, 0.10)	0.019	0.040	0.627	0.02 (-0.06, 0.10)
10902_53	ASPRV1	APRV1	226	-0.057	0.019	0.003	-0.06 (-0.10, -0.02)	0.105	0.648	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	-0.003	0.204	-0.072	0.039	0.066	-0.07 (-0.15, 4.64e-	-0.048	0.041	0.235	-0.05 (-0.13, 0.03)
15511_37	NPTXR	NPTXR	226	-0.056	0.019	0.003	-0.06 (-0.09, -0.02)	0.105	0.900	0.021	0.038	0.583	0.02 (-0.05, 0.09)	-0.005	0.021	-0.039	0.038	0.313	-0.04 (-0.11, 0.04)	-0.042	0.040	0.289	-0.04 (-0.12, 0.04)
2683_1	C3	iC3b	226	0.054	0.018	0.003	0.05 (0.02, 0.09)	0.105	0.196	-0.001	0.038	0.975	-1.18e-03 (-0.08, 0.07)	0.003	0.095	0.042	0.030	0.172	0.04 (-0.02, 0.10)	0.037	0.040	0.358	0.04 (-0.04, 0.12)
7991_54	IQCF1	IQCF1	226	0.058	0.019	0.003	0.06 (0.02, 0.10)	0.105	0.074	0.006	0.042	0.877	0.01 (-0.08, 0.09)	0.003	0.158	0.025	0.033	0.449	0.02 (-0.04, 0.09)	-0.011	0.047	0.811	-0.01 (-0.10, 0.08)
5675_6	TNC	Tenascin	226	-0.057	0.019	0.003	-0.06 (-0.10, -0.02)	0.105	0.150	-0.052	0.041	0.210	-0.05 (-0.13, 0.03)	0.000	0.872	-0.041	0.040	0.306	-0.04 (-0.12, 0.04)	-0.049	0.047	0.298	-0.05 (-0.14, 0.04)
5810_25	TDGF1	Cripto	226	-0.057	0.019	0.003	-0.06 (-0.10, -0.02)	0.105	0.362	-0.038	0.040	0.341	-0.04 (-0.12, 0.04)	-0.001	0.573	-0.037	0.037	0.317	-0.04 (-0.11, 0.04)	-0.062	0.039	0.113	-0.06 (-0.14, 0.01)
14079_14	IL18R1	IL-18 Ra	226	0.055	0.018	0.003	0.05 (0.02, 0.09)	0.106	0.109	0.085	0.039	0.031	0.09 (0.01, 0.16)	-0.002	0.370	0.063	0.038	0.099	0.06 (-0.01, 0.14)	0.068	0.041	0.096	0.07 (-0.01, 0.15)
12511_83	SLC41A2	S41A2	226	0.057	0.020	0.003	0.06 (0.02, 0.10)	0.108	0.112	-0.036	0.041	0.380	-0.04 (-0.12, 0.04)	0.006	0.009	0.008	0.033	0.799	0.01 (-0.06, 0.07)	-0.002	0.042	0.965	-1.86e-03 (-0.08, 0.08)
13552_7	SWAP70	SWP70	226	-0.057	0.020	0.003	-0.06 (-0.10, -0.02)	0.108	0.079	-0.058	0.042	0.172	-0.06 (-0.14, 0.02)	0.000	0.996	-0.048	0.043	0.264	-0.05 (-0.13, 0.04)	-0.044	0.048	0.359	-0.04 (-0.14, 0.05)
15304_1	REG3A	PAP1	226	-0.056	0.019	0.003	-0.06 (-0.09, -0.02)	0.108	0.057	0.015	0.041	0.718	0.01 (-0.07, 0.09)	-0.004	0.047	-0.025	0.034	0.474	-0.02 (-0.09, 0.04)	-0.017	0.041	0.679	-0.02 (-0.10, 0.06)
19361_78	MATN3	MATN3	226	-0.055	0.019	0.003	-0.06 (-0.09, -0.02)	0.108	0.168	-0.005	0.040	0.896	-0.01 (-0.08, 0.07)	-0.003	0.146	-0.047	0.031	0.126	-0.05 (-0.11, 0.01)	-0.033	0.042	0.435	-0.03 (-0.11, 0.05)
4876_32	F9	Coagulatio	226	0.068	0.023	0.003	0.07 (0.02, 0.11)	0.108	6.55E-06	-0.021	0.046	0.657	-0.02 (-0.11, 0.07)	0.006	0.028	0.018	0.036	0.624	0.02 (-0.05, 0.09)	0.046	0.043	0.285	0.05 (-0.04, 0.13)
5262_57	BCAR3	BCAR3	226	0.054	0.019	0.003	0.05 (0.02, 0.09)	0.112	0.465	0.012	0.037	0.748	0.01 (-0.06, 0.09)	0.003	0.195	0.020	0.030	0.515	0.02 (-0.04, 0.08)	-0.036	0.041	0.380	-0.04 (-0.12, 0.04)
5618_50	FAM3B	FAM3B	226	0.064	0.022	0.003	0.06 (0.02, 0.11)	0.112	0.001	0.058	0.044	0.193	0.06 (-0.03, 0.15)	0.000	0.868	0.040	0.037	0.278	0.04 (-0.03, 0.11)	0.034	0.044	0.434	0.03 (-0.05, 0.12)
8974_172	COL15A1	COFA1	226	-0.055	0.019	0.004	-0.06 (-0.09, -0.02)	0.112	0.059	-0.081	0.041	0.048	-0.08 (-0.16, -1.04e-03)	0.002	0.465	-0.076	0.037	0.038	-0.08 (-0.15, -4.20e-	-0.058	0.038	0.125	-0.06 (-0.13, 0.02)
10044_12	WNT10A	WN10A	226	0.057	0.020	0.004	0.06 (0.02, 0.10)	0.114	0.321	0.003	0.040	0.943	2.85e-03 (-0.08, 0.08)	0.003	0.122	0.009	0.034	0.804	0.01 (-0.06, 0.08)	-0.002	0.047	0.964	-2.12e-03 (-0.09, 0.09)
5903_91	HSPA8	HSP70 prot	226	0.056	0.019	0.004	0.06 (0.02, 0.09)	0.114	0.191	0.055	0.041	0.175	0.06 (-0.02, 0.14)	0.000	0.977	0.011	0.038	0.780	0.01 (-0.06, 0.08)	0.026	0.043	0.543	0.03 (-0.06, 0.11)
15417_3	SERPINB5	Maspin	226	-0.055	0.019	0.004	-0.06 (-0.09, -0.02)	0.119	0.361	-0.029	0.039	0.464	-0.03 (-0.10, 0.05)	-0.002	0.434	-0.064	0.039	0.101	-0.06 (-0.14, 0.01)	-0.065	0.038	0.084	-0.07 (-0.14, 0.01)
4588_1	PPY	PH	226	-0.080	0.028	0.004	-0.08 (-0.13, -0.03)	0.120	3.85E-19	-0.048	0.056	0.390	-0.05 (-0.16, 0.06)	-0.002	0.510	0.031	0.034	0.368	0.03 (-0.04, 0.10)	0.022	0.042	0.602	0.02 (-0.06, 0.10)
5657_28	ST3GAL1	SIA4A	226	-0.063	0.022	0.004	-0.06 (-0.11, -0.02)	0.120	1.94E-04	0.011	0.044	0.797	0.01 (-0.07, 0.10)	-0.005	0.051	-0.041	0.035	0.245	-0.04 (-0.11, 0.03)	-0.052	0.042	0.217	-0.05 (-0.13, 0.03)
9832_33	HGD	HGD	226	0.053	0.018	0.004	0.05 (0.02, 0.09)	0.120	0.112	0.027	0.039	0.485	0.03 (-0.05, 0.10)	0.002	0.450	0.028	0.037	0.445	0.03 (-0.04, 0.10)	0.021	0.039	0.595	0.02 (-0.06, 0.10)
15346_31	IFNG	IFN-g	226	0.056	0.020	0.004	0.06 (0.02, 0.09)	0.120	0.185	0.033	0.041	0.419	0.03 (-0.05, 0.11)	0.001	0.515	0.010	0.036	0.777	0.01 (-0.06, 0.08)	0.013	0.039	0.743	0.01 (-0.06, 0.09)
9377_25	KITLG	SCF	226	-0.065	0.023	0.004	-0.07 (-0.11, -0.02)	0.120	4.17E-04	0.008	0.045	0.858	0.01 (-0.08, 0.10)	-0.005	0.064	-0.055	0.041	0.178	-0.06 (-0.14, 0.03)	-0.043	0.042	0.310	-0.04 (-0.13, 0.04)
13085_18	GLP1R	GLP1R	226	0.054	0.019	0.004	0.05 (0.02, 0.09)	0.121	0.238	0.026	0.039	0.507	0.03 (-0.05, 0.10)	0.002	0.409	0.019	0.035	0.581	0.02 (-0.05, 0.09)	0.008	0.038	0.838	0.01 (-0.07, 0.08)
12022_12	SMAD4	SMAD4	226	0.052	0.018	0.004	0.05 (0.02, 0.09)	0.123	0.893	0.068	0.037	0.066	0.07 (-4.19e-03, 0.14)	-0.001	0.625	0.013	0.034	0.714	0.01 (-0.05, 0.08)	0.012	0.039	0.760	0.01 (-0.07, 0.09)
13998_26	ADSSL1	PURA1	226	0.053	0.019	0.004	0.05 (0.02, 0.09)	0.123	0.161	0.040	0.039	0.303	0.04 (-0.04, 0.12)	0.001	0.709	0.009	0.036	0.807	0.01 (-0.06, 0.08)	0.017	0.042	0.690	0.02 (-0.07, 0.10)
15539_15	SLITRK1	SLIK1	226	-0.053	0.018	0.004	-0.05 (-0.09, -0.02)	0.123	0.638	0.032	0.037	0.386	0.03 (-0.04, 0.11)	-0.005	0.009	0.004	0.034	0.895	4.44e-03 (-0.06, 0.0	0.014	0.042	0.747	0.01 (-0.07, 0.10)
6107_3	CELA1	ELA1	226	-0.054	0.019	0.004	-0.05 (-0.09, -0.02)	0.123	0.338	-0.027	0.038	0.482	-0.03 (-0.10, 0.05)	-0.002	0.428	-0.022	0.037	0.544	-0.02 (-0.09, 0.05)	-0.047	0.042	0.264	-0.05 (-0.13, 0.04)
15298_199	NETO1	NETO1	226	-0.055	0.019	0.004	-0.06 (-0.09, -0.02)	0.124	0.112	-0.007	0.041	0.869	-0.01 (-0.09, 0.07)	-0.003	0.175	-0.020	0.036	0.568	-0.02 (-0.09, 0.05)	-0.048	0.039	0.214	-0.05 (-0.12, 0.03)
13027_20	CBX7	CBX7	226	0.054	0.019	0.004	0.05 (0.02, 0.09)	0.125	0.304	0.034	0.039	0.379	0.03 (-0.04, 0.11)	0.001	0.566	0.011	0.037	0.774	0.01 (-0.06, 0.08)	0.014	0.038	0.719	0.01 (-0.06, 0.09)
14139_16	NRG4	NRG4	226	-0.056	0.020	0.004	-0.06 (-0.09, -0.02)	0.125	0.198	-0.070	0.041	0.087	-0.07 (-0.15, 0.01)	0.001	0.680	-0.055	0.042	0.195	-0.05 (-0.14, 0.03)	-0.052	0.046	0.260	-0.05 (-0.14, 0.04)
14273_19	PREP	PPCE	226	0.055	0.019	0.004	0.05 (0.02, 0.09)	0.125	0.522	0.035	0.039	0.360	0.04 (-0.04, 0.11)	0.001	0.567	0.006	0.031	0.853	0.01 (-0.05, 0.07)	-0.011	0.047	0.821	-0.01 (-0.10, 0.08)
15559_5	ANTXR2	ANTR2	226	-0.074	0.026	0.004	-0.07 (-0.12, -0.02)	0.125	9.62E-13	0.016	0.052	0.760	0.02 (-0.09, 0.12)	-0.006	0.047	-0.085	0.034	0.013	-0.08 (-0.15, -0.02)	-0.080	0.042	0.060	-0.08 (-0.16, 2.85e-03)
15620_4	NLGN1	NLGN1	226	-0.058	0.020	0.004	-0.06 (-0.10, -0.02)	0.125	0.002	0.020	0.041	0.632	0.02 (-0.06, 0.10)	-0.005	0.029	-0.011	0.031	0.721	-0.01 (-0.07, 0.05)	-0.041	0.041	0.324	-0.04 (-0.12, 0.04)
18931_40	SLIT3	SLIT3	226	-0.055	0.019	0.004	-0.05 (-0.09, -0.02)	0.125	0.322	-0.046	0.040	0.248	-0.05 (-0.12, 0.03)	-0.001	0.798	-0.039	0.037	0.289	-0.04 (-0.11, 0.03)	-0.050	0.037	0.168	-0.05 (-0.12, 0.02)
11160_56	RNF122	RN122	226	0.052	0.018	0.004	0.05 (0.02, 0.09)	0.125	0.093	0.026	0.039	0.499	0.03 (-0.05, 0.10)	0.002	0.454	0.041	0.038	0.273	0.04 (-0.03, 0.11)	0.046	0.035	0.193	0.05 (-0.02, 0.12)
6464_40	PVRIG	PVRIG	226	0.052	0.018	0.005	0.05 (0.02, 0.09)	0.127	0.587	0.030	0.037	0.423	0.03 (-0.04, 0.10)	0.001	0.486	0.012	0.031	0.683	0.01 (-0.05, 0.07)	-0.002	0.042	0.956	-2.33e-03 (-0.09, 0.08)
7803_4	CHST1	CHST1	226	0.055	0.019	0.005	0.05 (0.02, 0.09)	0.127	0.056	0.079	0.042	0.059	0.08 (-2.45e-03, 0.16)	-0.002	0.496	0.068	0.038	0.075	0.07 (-0.01, 0.14)	0.044	0.038	0.258	0.04 (-0.03, 0.12)
11102_22	REG4	REG4	226	-0.053	0.019	0.005	-0.05 (-0.09, -0.02)	0.128	0.099	0.010	0.040	0.805	0.01 (-0.07, 0.09)	-0.004	0.070	-0.008	0.033	0.807	-0.01 (-0.07, 0.06)	-0.003	0.041	0.951	-2.51e-03 (-0.08, 0.08)
12848_9	ARHGEF2	ARHG2	226	0.054	0.019	0.005	0.05 (0.02, 0.09)	0.128	0.347	0.004	0.039	0.908	4.49e-03 (-0.07, 0.08)	0.003	0.144	0.000	0.031	0.999	2.53e-05 (-0.06, 0.0	-0.023	0.040	0.565	-0.02 (-0.10, 0.06)
7137_8	MSRA	MSRA	226	-0.055	0.019	0.005	-0.05 (-0.09, -0.02)	0.128	0.241	-0.053	0.040	0.194	-0.05 (-0.13, 0.03)	0.000	0.950	-0.058	0.043	0.177	-0.06 (-0.14, 0.03)	-0.054	0.044	0.221	-0.05 (-0.14, 0.03)
5400_52	LEPR	sLeptin R	226	-0.066	0.023	0.005	-0.07 (-0.11, -0.02)	0.129	2.50E-05	0.042	0.046	0.366	0.04 (-0.05, 0.13)	-0.007	0.008	-0.029	0.041	0.474	-0.03 (-0.11, 0.05)	-0.022	0.043	0.617	-0.02 (-0.11, 0.06)
6379_62	ADAMTSL2	ATL2	226	0.061	0.022	0.005	0.06 (0.02, 0.10)	0.129	0.009	-0.012	0.043	0.786	-0.01 (-0.10, 0.07)	0.005	0.054	0.053	0.040	0.189	0.05 (-0.03, 0.13)	0.041	0.041	0.321	0.04 (-0.04, 0.12)
6521_35	NPTX2	NPTX2	226	0.068	0.024	0.005	0.07 (0.02, 0.12)	0.130	5.17E-10	0.118	0.048	0.016	0.12 (0.02, 0.21)	-0.003	0.235	0.102	0.031	0.001	0.10 (0.04, 0.16)	0.139	0.040	0.001	0.14 (0.06, 0.22)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12845_18	SNX17	SNX17	226	0.052	0.019	0.005	0.05 (0.02, 0.09)	0.130	0.400	0.038	0.038	0.313	0.04 (-0.04, 0.11)	0.001	0.671	0.023	0.032	0.457	0.02 (-0.04, 0.09)	0.014	0.039	0.715	0.01 (-0.06, 0.09)
15460_9	DPP4	CD26	226	0.054	0.019	0.005	0.05 (0.02, 0.09)	0.130	0.417	0.064	0.039	0.105	0.06 (-0.01, 0.14)	-0.001	0.779	0.052	0.042	0.220	0.05 (-0.03, 0.13)	0.051	0.041	0.222	0.05 (-0.03, 0.13)
5988_49	TNFSF14	LIGHT	226	0.055	0.020	0.005	0.05 (0.02, 0.09)	0.130	0.266	-0.007	0.040	0.854	-0.01 (-0.09, 0.07)	0.004	0.076	0.000	0.038	0.999	6.81e-05 (-0.07, 0.0	0.008	0.043	0.857	0.01 (-0.08, 0.09)
8476_11	CHGA	CgA	226	-0.052	0.019	0.005	-0.05 (-0.09, -0.02)	0.130	0.602	-0.005	0.038	0.898	-4.83e-03 (-0.08, 0.07)	-0.003	0.145	0.002	0.032	0.960	1.62e-03 (-0.06, 0.0	0.007	0.042	0.862	0.01 (-0.08, 0.09)
8353_15	SCN2B	SCN2B	226	-0.052	0.018	0.005	-0.05 (-0.09, -0.02)	0.130	0.315	0.003	0.038	0.930	3.33e-03 (-0.07, 0.08)	-0.003	0.094	-0.021	0.034	0.532	-0.02 (-0.09, 0.05)	-0.023	0.040	0.561	-0.02 (-0.10, 0.05)
18434_141	TBPL1	TBPL1	226	0.051	0.018	0.005	0.05 (0.02, 0.09)	0.131	0.128	0.041	0.039	0.287	0.04 (-0.03, 0.12)	0.001	0.772	0.014	0.032	0.664	0.01 (-0.05, 0.08)	0.025	0.043	0.568	0.02 (-0.06, 0.11)
6274_15	WSCD2	WSCD2	226	0.052	0.018	0.005	0.05 (0.02, 0.09)	0.131	0.449	0.053	0.037	0.160	0.05 (-0.02, 0.13)	0.000	0.977	0.011	0.032	0.739	0.01 (-0.05, 0.07)	-0.023	0.044	0.605	-0.02 (-0.11, 0.06)
8327_26	DPEP2	DPEP2	226	-0.086	0.031	0.005	-0.09 (-0.15, -0.03)	0.131	9.82E-41	0.007	0.061	0.904	0.01 (-0.11, 0.13)	-0.006	0.082	-0.024	0.031	0.444	-0.02 (-0.09, 0.04)	-0.015	0.043	0.733	-0.01 (-0.10, 0.07)
10557_6	TEX29	TEX29	226	0.054	0.019	0.005	0.05 (0.02, 0.09)	0.132	0.238	0.007	0.040	0.861	0.01 (-0.07, 0.09)	0.003	0.178	0.026	0.032	0.418	0.03 (-0.04, 0.09)	0.002	0.043	0.971	1.56e-03 (-0.08, 0.08)
10554_23	GLB1	BGAL	226	0.054	0.020	0.005	0.05 (0.02, 0.09)	0.133	0.185	0.035	0.041	0.394	0.04 (-0.05, 0.12)	0.001	0.587	0.007	0.035	0.846	0.01 (-0.06, 0.08)	0.017	0.042	0.679	0.02 (-0.06, 0.10)
10561_5	PGLYRP3	PGRP-I-alp	226	0.054	0.019	0.005	0.05 (0.02, 0.09)	0.133	0.326	0.034	0.040	0.394	0.03 (-0.04, 0.11)	0.001	0.566	0.036	0.039	0.350	0.04 (-0.04, 0.11)	0.022	0.040	0.590	0.02 (-0.06, 0.10)
10753_31	ADAM7	ADAM7	226	-0.054	0.020	0.005	-0.05 (-0.09, -0.02)	0.133	0.992	-0.039	0.039	0.323	-0.04 (-0.12, 0.04)	-0.001	0.652	-0.011	0.037	0.769	-0.01 (-0.08, 0.06)	-0.023	0.040	0.565	-0.02 (-0.10, 0.05)
14636_25	HRSP12	Ribonuclea	226	0.063	0.023	0.005	0.06 (0.02, 0.11)	0.133	1.99E-05	0.043	0.046	0.342	0.04 (-0.05, 0.13)	0.001	0.624	0.040	0.036	0.270	0.04 (-0.03, 0.11)	0.052	0.037	0.165	0.05 (-0.02, 0.12)
15468_14	CFHR1	FHR1	226	0.059	0.021	0.005	0.06 (0.02, 0.10)	0.133	0.008	-0.035	0.042	0.414	-0.03 (-0.12, 0.05)	0.006	0.011	0.024	0.033	0.479	0.02 (-0.04, 0.09)	0.004	0.042	0.932	3.60e-03 (-0.08, 0.09)
15483_377	AGRN	Agrin	226	0.064	0.023	0.005	0.06 (0.02, 0.11)	0.133	2.00E-05	0.074	0.046	0.113	0.07 (-0.02, 0.16)	-0.001	0.811	0.066	0.040	0.100	0.07 (-0.01, 0.14)	0.094	0.039	0.017	0.09 (0.02, 0.17)
15499_11	ATRN	Attractin	226	0.054	0.019	0.005	0.05 (0.02, 0.09)	0.133	0.114	0.113	0.041	0.006	0.11 (0.03, 0.19)	-0.004	0.093	0.072	0.039	0.067	0.07 (-4.96e-03, 0.1	0.081	0.039	0.038	0.08 (0.01, 0.16)
17758_79	DCXR	DCXR	226	0.056	0.020	0.005	0.06 (0.02, 0.10)	0.133	0.003	0.018	0.041	0.668	0.02 (-0.06, 0.10)	0.002	0.275	0.020	0.032	0.535	0.02 (-0.04, 0.08)	0.019	0.037	0.602	0.02 (-0.05, 0.09)
19175_18	MARCKSL1	MARCKSL1	226	-0.058	0.021	0.005	-0.06 (-0.10, -0.02)	0.133	0.036	-0.008	0.042	0.857	-0.01 (-0.09, 0.08)	-0.003	0.167	-0.048	0.033	0.141	-0.05 (-0.11, 0.02)	-0.016	0.038	0.676	-0.02 (-0.09, 0.06)
9038_12	JTB	JTB	226	-0.052	0.019	0.005	-0.05 (-0.09, -0.02)	0.133	0.437	-0.045	0.038	0.237	-0.04 (-0.12, 0.03)	0.000	0.834	-0.017	0.030	0.571	-0.02 (-0.08, 0.04)	0.008	0.044	0.865	0.01 (-0.08, 0.09)
10620_21	MSMB	PSP-94	226	-0.050	0.018	0.006	-0.05 (-0.09, -0.01)	0.134	0.707	-0.063	0.036	0.086	-0.06 (-0.13, 0.01)	0.001	0.689	-0.058	0.032	0.066	-0.06 (-0.12, 3.78e-0	-0.057	0.038	0.143	-0.06 (-0.13, 0.02)
14747_9	CRLF1	CRLF1	226	-0.053	0.019	0.006	-0.05 (-0.09, -0.02)	0.134	0.110	-0.095	0.041	0.020	-0.10 (-0.18, -0.02)	0.003	0.233	-0.049	0.037	0.184	-0.05 (-0.12, 0.02)	-0.067	0.041	0.105	-0.07 (-0.15, 0.01)
3232_28	ACP5	TrATPase	226	0.059	0.021	0.006	0.06 (0.02, 0.10)	0.137	2.07E-04	0.121	0.043	0.005	0.12 (0.04, 0.21)	-0.004	0.093	0.107	0.035	0.002	0.11 (0.04, 0.18)	0.109	0.041	0.008	0.11 (0.03, 0.19)
5757_45	GNAS	GNAS3	226	0.052	0.019	0.006	0.05 (0.02, 0.09)	0.137	0.105	0.052	0.040	0.195	0.05 (-0.03, 0.13)	0.000	0.994	0.033	0.031	0.289	0.03 (-0.03, 0.09)	0.016	0.040	0.696	0.02 (-0.06, 0.09)
13983_27	CRYZ	QOR	226	0.053	0.019	0.006	0.05 (0.02, 0.09)	0.137	0.211	0.041	0.040	0.309	0.04 (-0.04, 0.12)	0.001	0.728	0.060	0.033	0.073	0.06 (-0.01, 0.12)	0.053	0.042	0.209	0.05 (-0.03, 0.14)
11286_78	VIMP	SELS	226	0.071	0.026	0.006	0.07 (0.02, 0.12)	0.138	1.58E-11	0.068	0.052	0.189	0.07 (-0.03, 0.17)	0.000	0.957	0.088	0.031	0.004	0.09 (0.03, 0.15)	0.120	0.041	0.004	0.12 (0.04, 0.20)
13610_9	MAGEA10	MAGE-10	226	0.053	0.019	0.006	0.05 (0.02, 0.09)	0.138	0.351	0.020	0.039	0.622	0.02 (-0.06, 0.10)	0.002	0.328	0.001	0.032	0.963	1.50e-03 (-0.06, 0.0	0.009	0.044	0.832	0.01 (-0.08, 0.09)
19563_3	SEZ6L	SEZ6L	226	-0.057	0.021	0.006	-0.06 (-0.10, -0.02)	0.138	0.002	0.042	0.041	0.308	0.04 (-0.04, 0.12)	-0.006	0.006	-0.022	0.034	0.508	-0.02 (-0.09, 0.04)	-0.026	0.039	0.502	-0.03 (-0.10, 0.05)
6373_54	DLK1	DLK1	226	0.052	0.019	0.006	0.05 (0.02, 0.09)	0.138	0.392	0.075	0.039	0.054	0.08 (-1.03e-03, 0.15)	-0.001	0.501	0.030	0.038	0.439	0.03 (-0.05, 0.10)	0.042	0.041	0.303	0.04 (-0.04, 0.12)
8039_41	FAM177A1	F177A	226	-0.070	0.025	0.006	-0.07 (-0.12, -0.02)	0.138	9.33E-13	-0.022	0.051	0.663	-0.02 (-0.12, 0.08)	-0.003	0.285	-0.044	0.038	0.247	-0.04 (-0.12, 0.03)	-0.024	0.039	0.532	-0.02 (-0.10, 0.05)
9213_24	FTCD	FTCD	226	0.060	0.022	0.006	0.06 (0.02, 0.10)	0.138	3.96E-04	0.047	0.044	0.285	0.05 (-0.04, 0.13)	0.001	0.734	0.023	0.039	0.560	0.02 (-0.05, 0.10)	0.026	0.038	0.492	0.03 (-0.05, 0.10)
13942_140	SPSB1	SPSB1	226	0.051	0.019	0.006	0.05 (0.01, 0.09)	0.139	0.348	0.073	0.038	0.058	0.07 (-2.05e-03, 0.15)	-0.001	0.514	0.024	0.036	0.505	0.02 (-0.05, 0.09)	0.028	0.037	0.450	0.03 (-0.04, 0.10)
2681_23	HGF	HGF	226	0.059	0.021	0.006	0.06 (0.02, 0.10)	0.139	0.012	0.004	0.043	0.930	3.80e-03 (-0.08, 0.09)	0.003	0.142	0.004	0.034	0.916	3.64e-03 (-0.06, 0.0	-0.011	0.042	0.787	-0.01 (-0.09, 0.07)
5708_1	LEAP2	LEAP2	226	0.066	0.024	0.006	0.07 (0.02, 0.11)	0.143	9.96E-10	0.053	0.049	0.283	0.05 (-0.04, 0.15)	0.001	0.748	0.035	0.032	0.273	0.04 (-0.03, 0.10)	0.031	0.045	0.485	0.03 (-0.06, 0.12)
13422_66	ENOX2	ENOX2	226	0.053	0.020	0.006	0.05 (0.01, 0.09)	0.145	0.443	-0.006	0.039	0.879	-0.01 (-0.08, 0.07)	0.004	0.084	0.011	0.036	0.759	0.01 (-0.06, 0.08)	0.018	0.041	0.653	0.02 (-0.06, 0.10)
17817_22	DDIT4	DDIT4	226	0.058	0.021	0.006	0.06 (0.02, 0.10)	0.146	0.017	0.013	0.043	0.763	0.01 (-0.07, 0.10)	0.003	0.227	0.040	0.037	0.280	0.04 (-0.03, 0.11)	0.043	0.043	0.318	0.04 (-0.04, 0.13)
2960_66	CFP	Properdin	226	0.052	0.019	0.007	0.05 (0.01, 0.09)	0.148	0.294	0.040	0.040	0.314	0.04 (-0.04, 0.12)	0.001	0.726	0.024	0.039	0.531	0.02 (-0.05, 0.10)	0.015	0.041	0.712	0.02 (-0.07, 0.10)
3060_43	C9	C9	226	-0.058	0.021	0.007	-0.06 (-0.10, -0.02)	0.148	0.005	-0.138	0.043	0.001	-0.14 (-0.22, -0.05)	0.005	0.032	-0.106	0.036	0.003	-0.11 (-0.18, -0.04)	-0.094	0.040	0.020	-0.09 (-0.17, -0.02)
6042_52	TNC	Tenascin	226	-0.049	0.018	0.007	-0.05 (-0.09, -0.01)	0.148	0.226	-0.011	0.038	0.777	-0.01 (-0.09, 0.06)	-0.002	0.241	-0.004	0.034	0.914	-3.71e-03 (-0.07, 0.0	-0.013	0.038	0.731	-0.01 (-0.09, 0.06)
10462_14	INSL5	INSL5	226	0.053	0.019	0.007	0.05 (0.01, 0.09)	0.149	0.372	-0.001	0.040	0.987	-6.46e-04 (-0.08, 0.08)	0.003	0.122	0.066	0.040	0.097	0.07 (-0.01, 0.14)	0.061	0.040	0.126	0.06 (-0.02, 0.14)
3235_50	WFIKKN2	WFKN2	226	-0.051	0.019	0.007	-0.05 (-0.09, -0.01)	0.149	0.134	0.042	0.040	0.296	0.04 (-0.04, 0.12)	-0.006	0.007	-0.032	0.032	0.324	-0.03 (-0.09, 0.03)	-0.011	0.043	0.805	-0.01 (-0.10, 0.07)
8671_378	TRAPPC5	TPPC5	226	0.052	0.019	0.007	0.05 (0.01, 0.09)	0.149	0.120	0.052	0.041	0.204	0.05 (-0.03, 0.13)	0.000	0.998	0.027	0.038	0.478	0.03 (-0.05, 0.10)	0.055	0.041	0.183	0.05 (-0.03, 0.14)
18326_50	MAGEA8	MAGA8	226	-0.053	0.020	0.007	-0.05 (-0.09, -0.01)	0.150	0.632	-0.032	0.039	0.413	-0.03 (-0.11, 0.04)	-0.001	0.547	-0.027	0.040	0.491	-0.03 (-0.10, 0.05)	0.000	0.039	0.999	-3.35e-05 (-0.08, 0.08)
11457_53	GALE	GALE	226	0.068	0.025	0.007	0.07 (0.02, 0.12)	0.150	7.01E-11	0.019	0.051	0.710	0.02 (-0.08, 0.12)	0.003	0.266	0.101	0.040	0.012	0.10 (0.02, 0.18)	0.087	0.041	0.036	0.09 (0.01, 0.17)
14178_18	CDKN3	CDKN3	226	-0.058	0.022	0.007	-0.06 (-0.10, -0.02)	0.150	0.004	0.023	0.043	0.594	0.02 (-0.06, 0.11)	-0.005	0.031	-0.045	0.040	0.259	-0.04 (-0.12, 0.03)	-0.022	0.041	0.585	-0.02 (-0.10, 0.06)
17474_106	YEATS4	YETS4	226	0.050	0.019	0.007	0.05 (0.01, 0.09)	0.150	0.369	0.116	0.038	0.003	0.12 (0.04, 0.19)	-0.004	0.048	0.068	0.040	0.089	0.07 (-0.01, 0.15)	0.095	0.043	0.028	0.10 (0.01, 0.18)
18928_10	S100Z	S100Z	226	-0.053	0.020	0.007	-0.05 (-0.09, -0.01)	0.151	0.725	0.000	0.039	0.997	1.31e-04 (-0.08, 0.08)	-0.003	0.124	-0.016	0.036	0.653	-0.02 (-0.09, 0.05)	-0.042	0.040	0.295	-0.04 (-0.12, 0.04)
8352_26	SIGLEC12	SIG12	226	0.059	0.022	0.007	0.06 (0.02, 0.10)	0.151	0.001	-0.005	0.044	0.915	-4.71e-03 (-0.09, 0.08)	0.004	0.097	0.023	0.036	0.515	0.02 (-0.05, 0.09)	0.038	0.037	0.306	0.04 (-0.03, 0.11)
8817_29	CENPV	CENPV	226	0.057	0.021	0.007	0.06 (0.02, 0.10)	0.151	0.007	0.006	0.042	0.892	0.01 (-0.08, 0.09)	0.003	0.167	0.050	0.041	0.220	0.05 (-0.03, 0.13)	0.025	0.042	0.553	0.02 (-0.06, 0.11)
9207_60	CRYZL1	QORL1	226	0.088	0.033	0.007	0.09 (0.02, 0.15)	0.151	3.29E-46	0.051	0.066	0.441	0.05 (-0.08, 0.18)	0.002	0.518	0.115	0.034	0.001	0.11 (0.05, 0.18)	0.117	0.038	0.002	0.12 (0.04, 0.19)
12830_4	SAP18	SAP18	226	0.050	0.019	0.007	0.05 (0.01, 0.09)	0.153	0.078	0.014	0.040	0.724	0.01 (-0.06, 0.09)	0.002	0.302	-0.008	0.035	0.813	-0.01 (-0.08, 0.06)	0.004	0.039	0.923	3.73e-03 (-0.07, 0.08)
2925_9	SERPINE1	PAI-1	226	0.050	0.019	0.007	0.05 (0.01, 0.09)	0.153	0.203	-0.037	0.039	0.341	-0.04 (-0.11, 0.04)	0.005	0.010	-0.001	0.035	0.968	-1.39e-03 (-0.07, 0.0	0.004	0.039	0.914	4.23e-03 (-0.07, 0.08)
3805_16	ESM1	Endocan	226	-0.056	0.021	0.007	-0.06 (-0.10, -0.02)	0.155	0.029	0.050	0.042	0.231	0.05 (-0.03, 0.13)	-0.007	0.004	-0.044	0.033	0.179	-0.04 (-0.11, 0.02)	-0.025	0.041	0.543	-0.02 (-0.10, 0.05)
7864_3	SIGLEC8	SIGL8	226	0.052	0.020	0.007	0.05 (0.01, 0.09)	0.155	0.672	-0.011	0.039	0.786	-0.01 (-0.09, 0.07)	0.004	0.066	0.000	0.039	0.999	-4.30e-05 (-0.08, 0.0	-0.001	0.042	0.983	-8.92e-04 (-0.08, 0.08)
7178_59	DEPP	DEPP	226	-0.052	0.020	0.008	-0.05 (-0.09, -0.01)	0.157	0.305	-0.028	0.040	0.488	-0.03 (-0.11, 0.05)	-0.002	0.488	-0.015	0.041	0.713	-0.02 (-0.10, 0.07)	-0.004	0.044	0.925	-4.15e-03 (-0.09, 0.08)
11289_31	CSNK1D	KC1D	226	0.050	0.019	0.008	0.05 (0.01, 0.09)	0.158	0.221	0.098	0.039	0.012	0.10 (0.02, 0.17)	-0.003	0.149	0.049	0.039	0.207	0.05 (-0.03, 0.13)	0.028	0.037	0.454	0.03 (-0.05, 0.10)
11214_40	DNAJB9	DNJB9	226	0.050	0.019	0.008	0.05 (0.01, 0.09)	0.159	0.096	0.024	0.040	0.554	0.02 (-0.05, 0.10)	0.002	0.453	0.011	0.037	0.759	0.01 (-0.06, 0.08)	0.018	0.040	0.647	0.02 (-0.06, 0.10)
19144_9	TCF4	ITF2	226	0.049	0.018	0.008	0.05 (0.01, 0.08)	0.159	0.949	0.052	0.037	0.157	0.05 (-0.02, 0.12)	0.000	0.907	0.035	0.031	0.245	0.04 (-0.02, 0.10)	0.001	0.041	0.987	6.74e-04 (-0.08, 0.08)
2813_11	AGRP	ART	226	-0.050	0.019	0.008	-0.05 (-0.09, -0.01)	0.159	0.354	-0.023	0.038	0.548	-0.02 (-0.10, 0.05)	-0.002	0.423	-0.007	0.035	0.837	-0.01 (-0.08, 0.06)	0.008	0.041	0.853	0.01 (-0.07, 0.09)
3352_80	CA6	Carbonic a	226	-0.058	0.022	0.008	-0.06 (-0.10, -0.02)	0.159	1.94E-04	0.024	0.044	0.575	0.02 (-0.06, 0.11)	-0.005	0.030	-0.071	0.037	0.060	-0.07 (-0.14, 2.84e-0	-0.052	0.042	0.220	-0.05 (-0.13, 0.03)
5939_42	TNFSF12	TWEAK	226	-0.057	0.021	0.008	-0.06 (-0.10, -0.01)	0.159	0.005	-0.038	0.043	0.374	-0.04 (-0.12, 0.05)	-0.001	0.625	-0.019	0.034	0.579	-0.02 (-0.09, 0.05)	-0.041	0.039	0.292	-0.04 (-0.12, 0.04)
7765_15	ITM2A	ITM2A	226	0.055	0.021	0.008	0.06 (0.01, 0.10)	0.159	0.020	-0.005	0.042	0.898	-0.01 (-0.09, 0.08)	0.004	0.095	0.021	0.033	0.530	0.02 (-0.04, 0.09)	-0.009	0.041	0.821	-0.01 (-0.09, 0.07)
8008_28	HRK	HRK	226	0.050	0.019	0.008	0.05 (0.01, 0.09)	0.159	0.291	0.033	0.039	0.397	0.03 (-0.04, 0.11)	0.001	0.615	0.014	0.036	0.700	0.01 (-0.06, 0.08)	0.034	0.041	0.401	0.03 (-0.05, 0.11)
8967_6	DUSP26	DUS26	226	0.057	0.022	0.008	0.06 (0.02, 0.10)	0.159	0.002	0.037	0.044	0.390	0.04 (-0.05, 0.12)	0.001	0.600	0.029	0.037	0.429	0.03 (-0.04, 0.10)	0.060	0.040	0.133	0.06 (-0.02, 0.14)
11265_8	ALDH1A1	Retinal deh	226	0.056	0.021	0.008	0.06 (0.01, 0.10)	0.159	2.28E-04	0.039	0.043	0.362	0.04 (-0.04, 0.12)	0.001	0.647	0.008	0.035	0.819	0.01 (-0.06, 0.08)	0.009	0.036	0.802	0.01 (-0.06, 0.08)
11432_11	PQBP1	PQBP1	226	0.056	0.021	0.008	0.06 (0.01, 0.10)	0.159	0.023	0.097	0.043	0.024	0.10 (0.01, 0.18)	-0.003	0.270	0.055	0.041	0.179	0.05 (-0.03, 0.13)	0.093	0.043	0.031	0.09 (0.01, 0.18)
13468_5	NEURL4	NEUL4	226	0.057	0.022	0.008	0.06 (0.01, 0.10)	0.159	0.003	0.027	0.044	0.533	0.03 (-0.06, 0.11)	0.002	0.427	0.065	0.038	0.086	0.06 (-0.01, 0.14)	0.039	0.041	0.342	0.04 (-0.04, 0.12)
18343_10	DECR2	DECR2	226	0.057	0.021	0.008	0.06 (0.01, 0.10)	0.159	0.003	0.064	0.043	0.139	0.06 (-0.02, 0.15)	0.000	0.844	0.031	0.036	0.395	0.03 (-0.04, 0.10)	0.031	0.038	0.419	0.03 (-0.04, 0.10)
2826_53	EDA	EDA	226	-0.050	0.019	0.008	-0.05 (-0.09, -0.01)	0.159	0.223	-0.016	0.039	0.690	-0.02 (-0.09, 0.06)	-0.002	0.316	-0.009	0.035	0.792	-0.01 (-0.08, 0.06)	-0.006	0.038	0.867	-0.01 (-0.08, 0.07)
5462_62	FCN3	Ficolin-3	226	0.062	0.024	0.008	0.06 (0.02, 0.11)	0.159	7.53E-10	0.079	0.048	0.099	0.08 (-0.01, 0.17)	-0.001	0.690	0.104	0.037	0.004	0.10 (0.03, 0.18)	0.088	0.037	0.017	0.09 (0.02, 0.16)
9790_28	BRSK2	BR serine/t	226	0.049	0.019	0.008	0.05 (0.01, 0.09)	0.163	0.072	0.031	0.040	0.444	0.03 (-0.05, 0.11)	0.001	0.599	0.036	0.034	0.285	0.04 (-0.03, 0.10)	0.046	0.042	0.272	0.05 (-0.04, 0.13)
4703_87	LTA	TNF-b	226	0.054	0.020	0.008	0.05 (0.01, 0.09)	0.164	0.042	0.093	0.041	0.025	0.09 (0.01, 0.17)	-0.002	0.278	0.059	0.033	0.070	0.06 (-4.91e-03, 0.1	0.076	0.036	0.038	0.08 (4.64e-03, 0.15)
4962_52	CDNF	ARMEL	226	-0.055	0.021	0.008	-0.05 (-0.10, -0.01)	0.164	0.037	0.012	0.042	0.769	0.01 (-0.07, 0.09)	-0.004	0.065	-0.031	0.041	0.437	-0.03 (-0.11, 0.05)	-0.029	0.041	0.483	-0.03 (-0.11, 0.05)
7097_8	CDY1	CDY1	226	-0.051	0.020	0.008	-0.05 (-0.09, -0.01)	0.164	0.626	0.002	0.039	0.958	2.08e-03 (-0.07, 0.08)	-0.003	0.119	-0.002	0.035	0.946	-2.39e-03 (-0.07, 0.0	-0.001	0.041	0.986	-7.26e-04 (-0.08, 0.08)
15470_11	HEXB	Hexosamin	226	0.071	0.027	0.009	0.07 (0.02, 0.12)	0.164	5.96E-16	0.082	0.055	0.137	0.08 (-0.03, 0.19)	-0.001	0.828	0.007	0.036	0.845	0.01 (-0.06, 0.08)	0.013	0.042	0.766	0.01 (-0.07, 0.09)
11142_11	ANGPTL1	ANGL1	226	-0.050	0.019	0.009	-0.05 (-0.09, -0.01)	0.165	0.310	-0.002	0.039	0.969	-1.53e-03 (-0.08, 0.07)	-0.003	0.155	-0.027	0.036	0.445	-0.03 (-0.10, 0.04)	-0.036	0.039	0.367	-0.04 (-0.11, 0.04)
15297_3	S100A3	S100A3	226	0.051	0.020	0.009	0.05 (0.01, 0.09)	0.165	0.566	0.104	0.039	0.009	0.10 (0.03, 0.18)	-0.003	0.123	0.071	0.041	0.083	0.07 (-0.01, 0.15)	0.061	0.039	0.120	0.06 (-0.02, 0.14)
7924_7	CD3G	CD3G	226	-0.051	0.020	0.009	-0.05 (-0.09, -0.01)	0.165	0.738	-0.055	0.040	0.163	-0.06 (-0.13, 0.02)	0.000	0.911	-0.037	0.036	0.305	-0.04 (-0.11, 0.03)	-0.041	0.041	0.312	-0.04 (-0.12, 0.04)
17827_53	DYNLRB2	DLRB2	226	-0.051	0.020	0.009	-0.05 (-0.09, -0.01)	0.165	0.385	-0.006	0.040	0.873	-0.01 (-0.08, 0.07)	-0.003	0.195	-0.020	0.041	0.634	-0.02 (-0.10, 0.06)	-0.023	0.042	0.583	-0.02 (-0.11, 0.06)
7736_28	OPALIN	OPALI	226	0.050	0.019	0.009	0.05 (0.01, 0.09)	0.166	0.557	0.058	0.038	0.135	0.06 (-0.02, 0.13)	0.000	0.818	0.043	0.031	0.171	0.04 (-0.02, 0.10)	0.032	0.040	0.427	0.03 (-0.05, 0.11)
9829_91	SULT2A1	SULT 2A1	226	0.055	0.021	0.009	0.06 (0.01, 0.10)	0.166	0.010	0.004	0.042	0.928	3.83e-03 (-0.08, 0.09)	0.003	0.164	0.013	0.037	0.720	0.01 (-0.06, 0.09)	0.007	0.038	0.845	0.01 (-0.07, 0.08)
9180_6	IFNGR2	INGR2	226	0.057	0.022	0.009	0.06 (0.01, 0.10)	0.167	0.007	0.056	0.044	0.201	0.06 (-0.03, 0.14)	0.000	0.987	0.058	0.041	0.155	0.06 (-0.02, 0.14)	0.066	0.038	0.083	0.07 (-0.01, 0.14)
10464_6	ANTXR1	ANTR1	226	-0.057	0.022	0.009	-0.06 (-0.10, -0.01)	0.167	1.13E-05	-0.005	0.044	0.901	-0.01 (-0.09, 0.08)	-0.003	0.178	-0.026	0.031	0.404	-0.03 (-0.09, 0.03)	-0.023	0.041	0.568	-0.02 (-0.10, 0.06)
10615_18	MPZ	MYP0	226	-0.050	0.019	0.009	-0.05 (-0.09, -0.01)	0.167	0.008	0.003	0.038	0.937	3.02e-03 (-0.07, 0.08)	-0.003	0.114	-0.007	0.032	0.836	-0.01 (-0.07, 0.06)	-0.018	0.037	0.636	-0.02 (-0.09, 0.06)
13109_82	NEGR1	NEGR1	226	-0.064	0.025	0.009	-0.06 (-0.11, -0.02)	0.167	1.53E-09	-0.033	0.050	0.506	-0.03 (-0.13, 0.06)	-0.002	0.471	-0.046	0.036	0.197	-0.05 (-0.12, 0.02)	-0.036	0.045	0.425	-0.04 (-0.12, 0.05)
18173_11	AKR7A3	ARK73	226	0.061	0.023	0.009	0.06 (0.02, 0.11)	0.167	3.04E-06	0.058	0.047	0.218	0.06 (-0.03, 0.15)	0.000	0.946	0.048	0.039	0.222	0.05 (-0.03, 0.12)	0.039	0.041	0.345	0.04 (-0.04, 0.12)
5108_72	NOTCH3	Notch-3	226	-0.059	0.023	0.009	-0.06 (-0.10, -0.01)	0.167	1.89E-06	-0.044	0.046	0.337	-0.04 (-0.13, 0.05)	-0.001	0.702	-0.027	0.038	0.472	-0.03 (-0.10, 0.05)	-0.041	0.040	0.310	-0.04 (-0.12, 0.04)
6543_182	PRLH	PRRP	226	0.050	0.019	0.009	0.05 (0.01, 0.09)	0.167	0.683	0.014	0.039	0.724	0.01 (-0.06, 0.09)	0.002	0.278	0.021	0.039	0.581	0.02 (-0.05, 0.10)	0.031	0.045	0.493	0.03 (-0.06, 0.12)
17348_5	SYNJ2BP	SYJ2B	226	0.049	0.019	0.009	0.05 (0.01, 0.09)	0.168	0.845	0.043	0.038	0.265	0.04 (-0.03, 0.12)	0.000	0.841	0.026	0.037	0.471	0.03 (-0.05, 0.10)	0.048	0.041	0.240	0.05 (-0.03, 0.13)
11315_148	PPM1D	PPM1D	226	0.049	0.019	0.009	0.05 (0.01, 0.09)	0.168	0.380	-0.002	0.039	0.957	-2.07e-03 (-0.08, 0.07)	0.003	0.126	-0.014	0.035	0.681	-0.01 (-0.08, 0.05)	-0.014	0.046	0.766	-0.01 (-0.10, 0.08)
8106_15	SSR1	SSRA	226	0.049	0.019	0.009	0.05 (0.01, 0.09)	0.170	0.092	0.031	0.041	0.438	0.03 (-0.05, 0.11)	0.001	0.616	0.067	0.039	0.086	0.07 (-0.01, 0.14)	0.083	0.041	0.047	0.08 (1.40e-03, 0.16)
10605_22	APMAP	APMAP	226	-0.050	0.019	0.010	-0.05 (-0.09, -0.01)	0.171	0.302	0.033	0.039	0.396	0.03 (-0.04, 0.11)	-0.005	0.015	-0.023	0.040	0.577	-0.02 (-0.10, 0.06)	0.008	0.043	0.860	0.01 (-0.08, 0.09)
11425_31	RUFY1	RUFY1	226	0.050	0.019	0.009	0.05 (0.01, 0.09)	0.171	0.105	0.011	0.041	0.789	0.01 (-0.07, 0.09)	0.002	0.275	0.007	0.037	0.847	0.01 (-0.07, 0.08)	0.013	0.044	0.771	0.01 (-0.07, 0.10)
3066_12	LGALS3	Galectin-3	226	-0.053	0.020	0.010	-0.05 (-0.09, -0.01)	0.171	0.020	-0.085	0.041	0.039	-0.09 (-0.17, -4.64e-03)	0.002	0.366	-0.033	0.040	0.411	-0.03 (-0.11, 0.05)	-0.012	0.041	0.766	-0.01 (-0.09, 0.07)
6496_60	DLK1	DLK1	226	0.050	0.019	0.010	0.05 (0.01, 0.09)	0.171	0.463	0.070	0.039	0.071	0.07 (-0.01, 0.15)	-0.001	0.537	0.020	0.037	0.586	0.02 (-0.05, 0.09)	0.036	0.037	0.336	0.04 (-0.04, 0.11)
6975_52	SNAPIN	SNAPN	226	0.057	0.022	0.010	0.06 (0.01, 0.10)	0.172	0.004	0.043	0.044	0.332	0.04 (-0.04, 0.13)	0.001	0.722	0.081	0.041	0.050	0.08 (-1.51e-04, 0.1	0.065	0.044	0.140	0.06 (-0.02, 0.15)
4990_87	GP1BA	GP1BA	226	-0.048	0.019	0.010	-0.05 (-0.08, -0.01)	0.172	0.543	-0.025	0.038	0.504	-0.03 (-0.10, 0.05)	-0.001	0.480	-0.050	0.038	0.190	-0.05 (-0.12, 0.02)	-0.037	0.037	0.314	-0.04 (-0.11, 0.04)
7228_2	ST6GALNA	SIA7F	226	-0.057	0.022	0.010	-0.06 (-0.10, -0.01)	0.172	0.001	0.010	0.044	0.829	0.01 (-0.08, 0.10)	-0.004	0.084	0.004	0.035	0.908	4.02e-03 (-0.06, 0.0	0.020	0.045	0.648	0.02 (-0.07, 0.11)
8646_61	LRRTM4	LRRT4	226	0.050	0.020	0.010	0.05 (0.01, 0.09)	0.172	0.074	0.014	0.042	0.736	0.01 (-0.07, 0.10)	0.002	0.321	0.061	0.042	0.145	0.06 (-0.02, 0.14)	0.015	0.046	0.750	0.01 (-0.08, 0.11)
2418_55	APOE	Apo E	226	0.087	0.034	0.010	0.09 (0.02, 0.15)	0.174	2.16E-47	0.074	0.068	0.273	0.07 (-0.06, 0.21)	0.001	0.836	0.099	0.032	0.002	0.10 (0.04, 0.16)	0.108	0.038	0.005	0.11 (0.03, 0.18)
8071_114	PCDHB7	PCDB7	226	0.050	0.020	0.010	0.05 (0.01, 0.09)	0.175	0.585	0.011	0.040	0.775	0.01 (-0.07, 0.09)	0.002	0.255	0.007	0.038	0.848	0.01 (-0.07, 0.08)	0.004	0.040	0.929	3.57e-03 (-0.07, 0.08)
13022_20	TP53I11	P5I11	226	0.121	0.047	0.010	0.12 (0.03, 0.21)	0.175	7.07E-166	0.093	0.095	0.329	0.09 (-0.09, 0.28)	0.002	0.735	0.136	0.036	1.54E-04	0.14 (0.07, 0.21)	0.120	0.038	0.002	0.12 (0.04, 0.19)
16607_78	GSN	Gelsolin	226	-0.054	0.021	0.010	-0.05 (-0.10, -0.01)	0.175	0.020	-0.037	0.043	0.386	-0.04 (-0.12, 0.05)	-0.001	0.644	-0.076	0.040	0.060	-0.08 (-0.15, 3.04e-0	-0.077	0.043	0.076	-0.08 (-0.16, 0.01)
18380_78	ALB	Albumin	226	-0.059	0.023	0.010	-0.06 (-0.10, -0.01)	0.175	1.05E-05	0.025	0.046	0.592	0.02 (-0.07, 0.11)	-0.005	0.037	-0.055	0.041	0.176	-0.05 (-0.13, 0.02)	-0.079	0.038	0.039	-0.08 (-0.15, -4.51e-03)
5745_64	PI15	PI15	226	0.055	0.022	0.010	0.06 (0.01, 0.10)	0.175	0.002	0.008	0.043	0.862	0.01 (-0.08, 0.09)	0.003	0.205	0.014	0.039	0.721	0.01 (-0.06, 0.09)	0.014	0.044	0.748	0.01 (-0.07, 0.10)
9391_60	PCSK1N	PCSK1	226	-0.050	0.019	0.010	-0.05 (-0.09, -0.01)	0.175	0.324	-0.033	0.040	0.405	-0.03 (-0.11, 0.04)	-0.001	0.632	-0.031	0.038	0.422	-0.03 (-0.11, 0.04)	-0.032	0.041	0.433	-0.03 (-0.11, 0.05)
9853_3	IFIT2	IFIT2	226	0.063	0.024	0.010	0.06 (0.01, 0.11)	0.175	6.34E-08	0.045	0.049	0.366	0.04 (-0.05, 0.14)	0.001	0.674	0.085	0.038	0.027	0.08 (0.01, 0.16)	0.069	0.040	0.082	0.07 (-0.01, 0.15)
19168_71	PSTPIP1	PPIP1	226	0.049	0.019	0.010	0.05 (0.01, 0.09)	0.176	0.265	0.063	0.039	0.113	0.06 (-0.01, 0.14)	-0.001	0.683	0.030	0.039	0.442	0.03 (-0.05, 0.11)	0.034	0.040	0.397	0.03 (-0.04, 0.11)
8850_5	PLA2G2C	PA2GC	226	0.047	0.019	0.010	0.05 (0.01, 0.08)	0.176	0.245	0.047	0.039	0.227	0.05 (-0.03, 0.12)	0.000	0.982	0.043	0.039	0.267	0.04 (-0.03, 0.12)	0.060	0.037	0.108	0.06 (-0.01, 0.13)
10023_32	VDR	VDR	226	0.050	0.020	0.010	0.05 (0.01, 0.09)	0.176	0.272	0.005	0.040	0.898	0.01 (-0.07, 0.08)	0.003	0.201	0.007	0.036	0.852	0.01 (-0.06, 0.08)	0.007	0.043	0.880	0.01 (-0.08, 0.09)
10012_5	SPDEF	SPDEF	226	0.050	0.020	0.011	0.05 (0.01, 0.09)	0.176	0.175	0.018	0.041	0.659	0.02 (-0.06, 0.10)	0.002	0.372	0.028	0.039	0.476	0.03 (-0.05, 0.11)	0.032	0.042	0.452	0.03 (-0.05, 0.12)
11297_54	NOTCH2	NOTC2	226	-0.049	0.019	0.011	-0.05 (-0.09, -0.01)	0.176	0.417	-0.007	0.039	0.861	-0.01 (-0.08, 0.07)	-0.003	0.213	-0.020	0.040	0.617	-0.02 (-0.10, 0.06)	-0.039	0.040	0.336	-0.04 (-0.12, 0.04)
13704_5	HMGCS2	HMCS2	226	0.050	0.019	0.011	0.05 (0.01, 0.09)	0.176	0.089	0.063	0.042	0.134	0.06 (-0.02, 0.14)	-0.001	0.720	0.073	0.039	0.063	0.07 (-3.92e-03, 0.1	0.063	0.041	0.130	0.06 (-0.02, 0.14)
16923_20	PFN2	Profilin II	226	-0.050	0.020	0.011	-0.05 (-0.09, -0.01)	0.176	0.577	-0.027	0.039	0.495	-0.03 (-0.10, 0.05)	-0.001	0.499	-0.048	0.040	0.223	-0.05 (-0.13, 0.03)	-0.033	0.044	0.448	-0.03 (-0.12, 0.05)
6388_21	CCDC126	CC126	226	-0.054	0.021	0.011	-0.05 (-0.09, -0.01)	0.176	0.025	0.045	0.042	0.283	0.04 (-0.04, 0.13)	-0.006	0.007	-0.002	0.035	0.954	-2.03e-03 (-0.07, 0.0	-0.001	0.045	0.986	-8.06e-04 (-0.09, 0.09)
9769_48	DNER	DNER	226	-0.053	0.021	0.011	-0.05 (-0.09, -0.01)	0.177	0.016	0.051	0.041	0.215	0.05 (-0.03, 0.13)	-0.006	0.004	-0.031	0.031	0.314	-0.03 (-0.09, 0.03)	0.034	0.042	0.417	0.03 (-0.05, 0.12)
13988_67	NMRAL1	NMRL1	226	0.047	0.019	0.011	0.05 (0.01, 0.08)	0.177	0.535	-0.010	0.037	0.784	-0.01 (-0.08, 0.06)	0.004	0.077	0.027	0.033	0.419	0.03 (-0.04, 0.09)	0.014	0.037	0.710	0.01 (-0.06, 0.09)
3344_60	SERPINC1	Antithrombi	226	-0.053	0.021	0.011	-0.05 (-0.09, -0.01)	0.179	0.041	-0.001	0.042	0.988	-6.22e-04 (-0.08, 0.08)	-0.003	0.150	-0.056	0.038	0.143	-0.06 (-0.13, 0.02)	-0.036	0.040	0.373	-0.04 (-0.11, 0.04)
4407_10	MST1	MSP	226	-0.050	0.020	0.011	-0.05 (-0.09, -0.01)	0.179	0.104	-0.063	0.042	0.130	-0.06 (-0.15, 0.02)	0.001	0.706	-0.058	0.040	0.148	-0.06 (-0.14, 0.02)	-0.055	0.038	0.148	-0.06 (-0.13, 0.02)
11456_2	MAGEB10	MAGBA	226	0.050	0.020	0.011	0.05 (0.01, 0.09)	0.180	0.225	0.010	0.041	0.807	0.01 (-0.07, 0.09)	0.002	0.262	0.052	0.042	0.219	0.05 (-0.03, 0.14)	0.067	0.043	0.117	0.07 (-0.02, 0.15)
12483_62	RORB	RORB	226	0.049	0.019	0.011	0.05 (0.01, 0.09)	0.180	0.125	0.070	0.041	0.085	0.07 (-0.01, 0.15)	-0.001	0.540	-0.007	0.033	0.835	-0.01 (-0.07, 0.06)	0.018	0.043	0.673	0.02 (-0.07, 0.10)
16312_45	CDH6	Cadherin-6	226	0.050	0.020	0.011	0.05 (0.01, 0.09)	0.180	0.238	0.017	0.041	0.671	0.02 (-0.06, 0.10)	0.002	0.361	0.007	0.038	0.845	0.01 (-0.07, 0.08)	0.009	0.047	0.855	0.01 (-0.08, 0.10)
18286_3	ZWINT	ZWINT	226	0.049	0.019	0.011	0.05 (0.01, 0.09)	0.180	0.401	0.039	0.040	0.323	0.04 (-0.04, 0.12)	0.001	0.769	0.047	0.040	0.240	0.05 (-0.03, 0.13)	0.048	0.040	0.230	0.05 (-0.03, 0.13)
18888_37	FABP12	FBP12	226	0.059	0.023	0.011	0.06 (0.01, 0.10)	0.180	5.04E-06	0.055	0.047	0.246	0.05 (-0.04, 0.15)	0.000	0.913	0.059	0.039	0.132	0.06 (-0.02, 0.14)	0.043	0.041	0.299	0.04 (-0.04, 0.12)
9739_4	MSH2	MSH2	226	-0.050	0.020	0.011	-0.05 (-0.09, -0.01)	0.180	0.256	-0.076	0.040	0.061	-0.08 (-0.16, 3.13e-03)	0.002	0.449	-0.064	0.042	0.134	-0.06 (-0.15, 0.02)	-0.060	0.043	0.164	-0.06 (-0.14, 0.02)
11149_3	TLR1	TLR1	226	0.054	0.021	0.011	0.05 (0.01, 0.10)	0.183	0.021	0.040	0.043	0.350	0.04 (-0.04, 0.12)	0.001	0.716	0.016	0.037	0.667	0.02 (-0.06, 0.09)	0.042	0.039	0.285	0.04 (-0.03, 0.12)
7173_141	TMEM132C	T132C	226	-0.056	0.022	0.011	-0.06 (-0.10, -0.01)	0.183	6.83E-05	0.047	0.044	0.291	0.05 (-0.04, 0.13)	-0.006	0.008	0.024	0.033	0.464	0.02 (-0.04, 0.09)	0.069	0.047	0.141	0.07 (-0.02, 0.16)
13013_41	PARK2	PRKN2	226	0.049	0.019	0.012	0.05 (0.01, 0.09)	0.184	0.549	0.032	0.039	0.404	0.03 (-0.04, 0.11)	0.001	0.632	0.005	0.030	0.865	0.01 (-0.05, 0.06)	-0.022	0.042	0.604	-0.02 (-0.10, 0.06)
15466_30	COL9A1	CO9A1	226	-0.055	0.022	0.012	-0.05 (-0.10, -0.01)	0.184	0.009	-0.041	0.044	0.349	-0.04 (-0.13, 0.04)	-0.001	0.720	-0.046	0.035	0.190	-0.05 (-0.12, 0.02)	-0.063	0.041	0.126	-0.06 (-0.14, 0.02)
4435_66	ENPP7	ENPP7	226	0.054	0.021	0.012	0.05 (0.01, 0.10)	0.184	0.009	0.051	0.043	0.243	0.05 (-0.03, 0.14)	0.000	0.926	0.017	0.035	0.635	0.02 (-0.05, 0.09)	0.030	0.037	0.415	0.03 (-0.04, 0.10)
9018_38	PCDH10	PCD10	226	-0.046	0.018	0.012	-0.05 (-0.08, -0.01)	0.184	0.079	0.025	0.039	0.527	0.02 (-0.05, 0.10)	-0.004	0.037	-0.020	0.033	0.546	-0.02 (-0.08, 0.04)	-0.007	0.043	0.879	-0.01 (-0.09, 0.08)
6439_59	C14orf93	CN093	226	0.064	0.025	0.012	0.06 (0.01, 0.11)	0.184	2.20E-10	0.056	0.051	0.275	0.06 (-0.04, 0.16)	0.000	0.858	0.099	0.034	0.003	0.10 (0.03, 0.16)	0.141	0.046	0.002	0.14 (0.05, 0.23)
8340_9	DEFB110	DB110	226	-0.049	0.020	0.012	-0.05 (-0.09, -0.01)	0.184	0.596	-0.005	0.039	0.909	-4.51e-03 (-0.08, 0.07)	-0.003	0.191	0.001	0.037	0.989	5.12e-04 (-0.07, 0.0	0.004	0.042	0.926	3.92e-03 (-0.08, 0.09)
9848_22	CCNH	Cyclin H	226	0.048	0.019	0.012	0.05 (0.01, 0.09)	0.184	0.540	0.027	0.038	0.491	0.03 (-0.05, 0.10)	0.001	0.520	0.015	0.037	0.690	0.01 (-0.06, 0.09)	0.026	0.043	0.555	0.03 (-0.06, 0.11)
9598_23	CSMD1	CSMD1	226	0.046	0.018	0.012	0.05 (0.01, 0.08)	0.185	0.471	0.044	0.037	0.242	0.04 (-0.03, 0.12)	0.000	0.935	-0.010	0.034	0.774	-0.01 (-0.08, 0.06)	-0.003	0.038	0.927	-3.48e-03 (-0.08, 0.07)
4394_71	FGF8	FGF-8A	226	0.046	0.018	0.012	0.05 (0.01, 0.08)	0.185	0.314	0.029	0.038	0.442	0.03 (-0.05, 0.10)	0.001	0.605	0.013	0.031	0.678	0.01 (-0.05, 0.07)	0.009	0.040	0.816	0.01 (-0.07, 0.09)
12738_43	NISCH	NISCH	226	0.048	0.019	0.012	0.05 (0.01, 0.09)	0.187	0.348	0.032	0.039	0.419	0.03 (-0.05, 0.11)	0.001	0.636	-0.005	0.037	0.902	-4.54e-03 (-0.08, 0.0	0.000	0.041	0.995	-2.68e-04 (-0.08, 0.08)
16299_13	TIGIT	TIGIT	226	0.049	0.019	0.012	0.05 (0.01, 0.09)	0.187	0.191	0.042	0.041	0.309	0.04 (-0.04, 0.12)	0.000	0.842	0.073	0.038	0.053	0.07 (-8.13e-04, 0.1	0.085	0.041	0.039	0.08 (4.86e-03, 0.16)
3806_55	EPHA5	EphA5	226	-0.048	0.019	0.012	-0.05 (-0.08, -0.01)	0.187	0.230	-0.007	0.040	0.855	-0.01 (-0.08, 0.07)	-0.003	0.240	-0.005	0.032	0.873	-0.01 (-0.07, 0.06)	-0.020	0.043	0.633	-0.02 (-0.10, 0.06)
9321_400	NMB	NMB	226	-0.052	0.021	0.012	-0.05 (-0.09, -0.01)	0.187	1.01E-05	-0.092	0.042	0.028	-0.09 (-0.17, -0.01)	0.003	0.264	-0.005	0.030	0.857	-0.01 (-0.06, 0.05)	-0.009	0.040	0.825	-0.01 (-0.09, 0.07)
7123_25	MRPL52	RM52	226	0.046	0.018	0.012	0.05 (0.01, 0.08)	0.189	0.399	0.008	0.038	0.827	0.01 (-0.07, 0.08)	0.002	0.246	-0.001	0.032	0.982	-7.07e-04 (-0.06, 0.0	-0.009	0.038	0.815	-0.01 (-0.08, 0.07)
13515_8	RPRD1A	RPR1A	226	0.049	0.020	0.012	0.05 (0.01, 0.09)	0.189	0.365	0.054	0.040	0.179	0.05 (-0.02, 0.13)	0.000	0.885	0.018	0.035	0.614	0.02 (-0.05, 0.09)	0.032	0.042	0.448	0.03 (-0.05, 0.11)
19183_164	RPL12	RL12	226	0.045	0.018	0.012	0.05 (0.01, 0.08)	0.189	0.301	-0.002	0.037	0.952	-2.23e-03 (-0.08, 0.07)	0.003	0.143	0.013	0.029	0.661	0.01 (-0.04, 0.07)	-0.033	0.039	0.398	-0.03 (-0.11, 0.04)
11202_70	TBX5	TBX5	226	0.051	0.020	0.013	0.05 (0.01, 0.09)	0.191	0.048	0.061	0.041	0.142	0.06 (-0.02, 0.14)	-0.001	0.785	0.036	0.032	0.266	0.04 (-0.03, 0.10)	0.022	0.038	0.575	0.02 (-0.05, 0.10)
9484_75	DSG2	Desmoglei	226	-0.075	0.030	0.013	-0.07 (-0.13, -0.02)	0.191	1.68E-37	-0.016	0.060	0.791	-0.02 (-0.13, 0.10)	-0.004	0.263	-0.036	0.034	0.288	-0.04 (-0.10, 0.03)	-0.048	0.042	0.249	-0.05 (-0.13, 0.03)
14009_65	TNFAIP3	TNFAIP3	226	0.046	0.019	0.013	0.05 (0.01, 0.08)	0.193	0.149	0.043	0.039	0.280	0.04 (-0.03, 0.12)	0.000	0.914	0.023	0.035	0.523	0.02 (-0.05, 0.09)	0.035	0.040	0.381	0.03 (-0.04, 0.11)
10851_77	EBI3	IL27B	226	-0.048	0.019	0.013	-0.05 (-0.08, -0.01)	0.194	0.324	-0.021	0.039	0.590	-0.02 (-0.10, 0.06)	-0.002	0.442	-0.070	0.039	0.073	-0.07 (-0.15, 0.01)	-0.079	0.041	0.054	-0.08 (-0.16, 9.13e-04)
11143_32	OLFM3	NOE3	226	0.049	0.020	0.013	0.05 (0.01, 0.09)	0.194	0.081	0.103	0.042	0.014	0.10 (0.02, 0.19)	-0.003	0.134	0.051	0.038	0.181	0.05 (-0.02, 0.13)	0.071	0.040	0.077	0.07 (-0.01, 0.15)
12670_15	RAD1	RAD1	226	0.045	0.018	0.013	0.05 (0.01, 0.08)	0.194	0.515	0.068	0.037	0.066	0.07 (-4.19e-03, 0.14)	-0.001	0.481	0.030	0.038	0.432	0.03 (-0.04, 0.10)	0.049	0.040	0.218	0.05 (-0.03, 0.13)
2778_10	IL22	IL-22	226	-0.048	0.019	0.013	-0.05 (-0.09, -0.01)	0.194	0.103	-0.048	0.041	0.246	-0.05 (-0.13, 0.03)	0.000	1.000	-0.044	0.040	0.272	-0.04 (-0.12, 0.03)	-0.044	0.042	0.292	-0.04 (-0.13, 0.04)
3516_60	CXCL12	SDF-1	226	-0.053	0.021	0.013	-0.05 (-0.09, -0.01)	0.196	0.005	-0.006	0.043	0.891	-0.01 (-0.09, 0.08)	-0.003	0.209	-0.047	0.041	0.251	-0.05 (-0.13, 0.03)	-0.052	0.040	0.192	-0.05 (-0.13, 0.03)
6605_17	IGFALS	IGFALS	226	0.051	0.021	0.013	0.05 (0.01, 0.09)	0.196	0.004	0.099	0.042	0.017	0.10 (0.02, 0.18)	-0.003	0.181	0.030	0.035	0.401	0.03 (-0.04, 0.10)	0.043	0.039	0.269	0.04 (-0.03, 0.12)
2732_58	NANOG	NANOG	226	-0.053	0.021	0.013	-0.05 (-0.09, -0.01)	0.197	0.016	0.015	0.043	0.726	0.02 (-0.07, 0.10)	-0.004	0.069	-0.008	0.034	0.818	-0.01 (-0.07, 0.06)	0.013	0.042	0.750	0.01 (-0.07, 0.09)
4162_54	TF	Transferrin	226	-0.048	0.019	0.013	-0.05 (-0.09, -0.01)	0.198	0.243	-0.029	0.040	0.467	-0.03 (-0.11, 0.05)	-0.001	0.597	-0.076	0.036	0.035	-0.08 (-0.15, -0.01)	-0.064	0.042	0.130	-0.06 (-0.15, 0.02)
6555_58	STOML2	Stomatin-lik	226	0.047	0.019	0.014	0.05 (0.01, 0.09)	0.199	0.071	0.019	0.041	0.652	0.02 (-0.06, 0.10)	0.002	0.425	0.026	0.039	0.511	0.03 (-0.05, 0.10)	0.042	0.044	0.347	0.04 (-0.04, 0.13)
13939_14	UGP2	UGPA1	226	0.047	0.019	0.014	0.05 (0.01, 0.08)	0.201	0.218	0.065	0.040	0.108	0.06 (-0.01, 0.14)	-0.001	0.617	0.042	0.040	0.296	0.04 (-0.04, 0.12)	0.048	0.040	0.230	0.05 (-0.03, 0.13)
4179_57	YWHAG	2014/3/3	226	-0.045	0.018	0.014	-0.05 (-0.08, -0.01)	0.201	0.365	-0.037	0.038	0.327	-0.04 (-0.11, 0.04)	-0.001	0.801	-0.033	0.035	0.340	-0.03 (-0.10, 0.04)	-0.019	0.042	0.645	-0.02 (-0.10, 0.06)
8263_64	TYMSOS	CR056	226	0.046	0.019	0.014	0.05 (0.01, 0.08)	0.201	0.077	0.042	0.041	0.298	0.04 (-0.04, 0.12)	0.000	0.908	0.024	0.041	0.558	0.02 (-0.06, 0.10)	0.036	0.044	0.413	0.04 (-0.05, 0.12)
9002_36	SERPINA1	SPA11	226	-0.048	0.020	0.014	-0.05 (-0.09, -0.01)	0.201	8.05E-07	-0.029	0.040	0.473	-0.03 (-0.11, 0.05)	-0.001	0.564	-0.035	0.034	0.297	-0.04 (-0.10, 0.03)	-0.031	0.033	0.357	-0.03 (-0.10, 0.03)
14131_37	EFNB2	EFNB2	226	-0.050	0.020	0.014	-0.05 (-0.09, -0.01)	0.201	0.022	-0.004	0.041	0.917	-4.28e-03 (-0.08, 0.08)	-0.003	0.198	-0.032	0.033	0.334	-0.03 (-0.10, 0.03)	-0.025	0.042	0.541	-0.03 (-0.11, 0.06)
2743_5	SHH	Sonic Hedg	226	-0.046	0.019	0.014	-0.05 (-0.08, -0.01)	0.201	0.350	0.041	0.037	0.279	0.04 (-0.03, 0.11)	-0.005	0.009	-0.006	0.030	0.840	-0.01 (-0.06, 0.05)	0.033	0.045	0.460	0.03 (-0.05, 0.12)
6549_60	VSTM2L	VTM2L	226	0.048	0.019	0.014	0.05 (0.01, 0.09)	0.201	0.867	0.052	0.039	0.184	0.05 (-0.02, 0.13)	0.000	0.897	0.064	0.038	0.095	0.06 (-0.01, 0.14)	0.067	0.039	0.085	0.07 (-0.01, 0.14)
16748_1	BMP3	BMP-3	226	0.048	0.020	0.014	0.05 (0.01, 0.09)	0.203	0.337	0.002	0.040	0.966	1.71e-03 (-0.08, 0.08)	0.003	0.184	0.046	0.039	0.245	0.05 (-0.03, 0.12)	0.042	0.041	0.308	0.04 (-0.04, 0.12)
10046_55	BIRC2	cIAP-1	226	0.053	0.022	0.014	0.05 (0.01, 0.10)	0.205	0.001	0.034	0.044	0.446	0.03 (-0.05, 0.12)	0.001	0.604	0.031	0.031	0.315	0.03 (-0.03, 0.09)	0.010	0.039	0.809	0.01 (-0.07, 0.09)
8042_88	SPINK9	ISK9	226	-0.052	0.021	0.014	-0.05 (-0.09, -0.01)	0.207	0.002	-0.007	0.043	0.880	-0.01 (-0.09, 0.08)	-0.003	0.221	-0.054	0.042	0.201	-0.05 (-0.14, 0.03)	-0.024	0.045	0.590	-0.02 (-0.11, 0.06)
2771_35	IGFBP1	IGFBP-1	226	-0.063	0.026	0.015	-0.06 (-0.11, -0.01)	0.207	5.82E-17	0.029	0.051	0.568	0.03 (-0.07, 0.13)	-0.006	0.040	-0.027	0.040	0.497	-0.03 (-0.10, 0.05)	-0.014	0.039	0.716	-0.01 (-0.09, 0.06)
12794_6	NLRP4	NALP4	226	0.046	0.019	0.015	0.05 (0.01, 0.08)	0.208	0.062	0.077	0.041	0.063	0.08 (-3.86e-03, 0.16)	-0.002	0.396	0.071	0.039	0.068	0.07 (-0.01, 0.15)	0.047	0.039	0.237	0.05 (-0.03, 0.12)
14614_41	NCMAP	CA130	226	-0.045	0.018	0.015	-0.04 (-0.08, -0.01)	0.208	0.121	0.019	0.039	0.624	0.02 (-0.06, 0.10)	-0.004	0.059	-0.014	0.033	0.656	-0.01 (-0.08, 0.05)	0.013	0.039	0.751	0.01 (-0.06, 0.09)
7838_27	SMR3A	SMR3A	226	0.047	0.019	0.015	0.05 (0.01, 0.08)	0.208	0.782	0.053	0.039	0.171	0.05 (-0.02, 0.13)	0.000	0.853	0.072	0.031	0.018	0.07 (0.01, 0.13)	0.101	0.044	0.021	0.10 (0.02, 0.19)
8776_10	ERLIN1	ERLN1	226	0.053	0.022	0.015	0.05 (0.01, 0.10)	0.208	0.006	0.050	0.044	0.260	0.05 (-0.04, 0.14)	0.000	0.927	0.067	0.040	0.095	0.07 (-0.01, 0.15)	0.051	0.042	0.225	0.05 (-0.03, 0.13)
10430_31	SLC3A2	4F2	226	0.048	0.020	0.015	0.05 (0.01, 0.09)	0.208	0.275	0.052	0.040	0.202	0.05 (-0.03, 0.13)	0.000	0.904	0.069	0.043	0.108	0.07 (-0.02, 0.15)	0.061	0.049	0.213	0.06 (-0.03, 0.16)
15431_31	OTC	OTCase	226	0.054	0.022	0.015	0.05 (0.01, 0.10)	0.210	0.001	0.073	0.045	0.104	0.07 (-0.01, 0.16)	-0.001	0.624	0.079	0.040	0.050	0.08 (1.70e-04, 0.1	0.078	0.039	0.048	0.08 (1.03e-03, 0.16)
3457_57	POSTN	Periostin	226	-0.052	0.021	0.015	-0.05 (-0.09, -0.01)	0.211	0.002	0.025	0.043	0.561	0.02 (-0.06, 0.11)	-0.005	0.040	-0.048	0.031	0.122	-0.05 (-0.11, 0.01)	-0.014	0.044	0.754	-0.01 (-0.10, 0.07)
8889_5	CCPG1	CCPG1	226	0.045	0.019	0.015	0.05 (0.01, 0.08)	0.211	0.990	0.001	0.037	0.988	5.51e-04 (-0.07, 0.07)	0.003	0.172	0.017	0.032	0.595	0.02 (-0.05, 0.08)	0.020	0.037	0.582	0.02 (-0.05, 0.09)
10445_20	APOM	ApoM	226	-0.062	0.026	0.016	-0.06 (-0.11, -0.01)	0.212	1.81E-10	-0.016	0.051	0.752	-0.02 (-0.12, 0.08)	-0.003	0.309	0.004	0.033	0.911	3.71e-03 (-0.06, 0.0	0.001	0.042	0.981	1.02e-03 (-0.08, 0.08)
11671_19	BRPF1	BRPF1	226	0.047	0.019	0.015	0.05 (0.01, 0.08)	0.212	0.243	0.039	0.040	0.336	0.04 (-0.04, 0.12)	0.001	0.819	0.004	0.038	0.907	4.46e-03 (-0.07, 0.0	0.017	0.046	0.718	0.02 (-0.07, 0.11)
12826_5	SLC5A5	SC5A5	226	-0.047	0.019	0.015	-0.05 (-0.08, -0.01)	0.212	0.526	-0.034	0.039	0.390	-0.03 (-0.11, 0.04)	-0.001	0.696	-0.029	0.041	0.479	-0.03 (-0.11, 0.05)	-0.016	0.039	0.694	-0.02 (-0.09, 0.06)
15522_2	GLIPR2	GAPR1	226	-0.054	0.022	0.016	-0.05 (-0.10, -0.01)	0.212	3.11E-04	-0.015	0.045	0.747	-0.01 (-0.10, 0.07)	-0.002	0.313	-0.018	0.041	0.664	-0.02 (-0.10, 0.06)	-0.010	0.041	0.801	-0.01 (-0.09, 0.07)
15606_19	KRT19	Keratin 19	226	0.093	0.038	0.016	0.09 (0.02, 0.17)	0.212	7.34E-85	0.076	0.077	0.327	0.08 (-0.08, 0.23)	0.001	0.804	0.077	0.035	0.027	0.08 (0.01, 0.14)	0.090	0.043	0.038	0.09 (0.01, 0.17)
16867_76	PCTK1	PCTK1	226	0.044	0.018	0.016	0.04 (0.01, 0.08)	0.212	0.361	0.065	0.037	0.081	0.06 (-0.01, 0.14)	-0.001	0.511	0.019	0.030	0.525	0.02 (-0.04, 0.08)	0.025	0.041	0.546	0.02 (-0.06, 0.10)
19325_21	ABHD14B	ABHEB	226	-0.047	0.019	0.015	-0.05 (-0.09, -0.01)	0.212	0.943	-0.016	0.039	0.691	-0.02 (-0.09, 0.06)	-0.002	0.355	-0.081	0.036	0.024	-0.08 (-0.15, -0.01)	-0.067	0.041	0.101	-0.07 (-0.15, 0.01)
2515_14	GFRA2	GFRa-2	226	-0.052	0.021	0.015	-0.05 (-0.09, -0.01)	0.212	0.020	-0.022	0.043	0.608	-0.02 (-0.11, 0.06)	-0.002	0.428	-0.030	0.040	0.458	-0.03 (-0.11, 0.05)	-0.025	0.040	0.538	-0.02 (-0.10, 0.05)
9278_9	CXCL12	SDF-1	226	-0.050	0.021	0.016	-0.05 (-0.09, -0.01)	0.212	0.039	-0.036	0.042	0.381	-0.04 (-0.12, 0.04)	-0.001	0.712	-0.072	0.039	0.061	-0.07 (-0.15, 3.21e-0	-0.067	0.040	0.092	-0.07 (-0.15, 0.01)
14685_17	AKT2	PKB beta	226	0.058	0.024	0.016	0.06 (0.01, 0.11)	0.212	7.21E-10	0.037	0.049	0.443	0.04 (-0.06, 0.13)	0.001	0.621	0.048	0.039	0.222	0.05 (-0.03, 0.13)	0.053	0.042	0.208	0.05 (-0.03, 0.13)
14114_18	PIANP	PIANP	226	-0.045	0.019	0.016	-0.05 (-0.08, -0.01)	0.212	0.185	0.019	0.039	0.625	0.02 (-0.06, 0.10)	-0.004	0.059	-0.036	0.040	0.365	-0.04 (-0.12, 0.04)	-0.043	0.043	0.320	-0.04 (-0.13, 0.04)
2658_27	NTRK3	TrkC	226	-0.052	0.021	0.016	-0.05 (-0.09, -0.01)	0.213	0.002	0.045	0.043	0.291	0.05 (-0.04, 0.13)	-0.006	0.009	-0.035	0.032	0.276	-0.03 (-0.10, 0.03)	-0.010	0.048	0.840	-0.01 (-0.10, 0.08)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
2879_9	SERPINA3	a1-Antichyr	226	-0.047	0.019	0.016	-0.05 (-0.08, -0.01)	0.213	0.127	0.003	0.041	0.950	2.59e-03 (-0.08, 0.08)	-0.003	0.167	-0.059	0.041	0.151	-0.06 (-0.14, 0.02)	-0.065	0.041	0.118	-0.07 (-0.15, 0.02)
12391_27	PDZD7	PDZD7	226	0.052	0.021	0.016	0.05 (0.01, 0.09)	0.213	0.027	0.031	0.043	0.472	0.03 (-0.05, 0.12)	0.001	0.586	0.038	0.040	0.342	0.04 (-0.04, 0.12)	0.047	0.043	0.274	0.05 (-0.04, 0.13)
13118_5	SMOC1	SMOC1	226	-0.049	0.020	0.016	-0.05 (-0.09, -0.01)	0.213	0.012	-0.046	0.041	0.270	-0.05 (-0.13, 0.04)	0.000	0.919	-0.070	0.035	0.046	-0.07 (-0.14, -1.12e-	-0.051	0.040	0.205	-0.05 (-0.13, 0.03)
5882_34	EEF1B2	EF-1-beta	226	0.045	0.019	0.016	0.04 (0.01, 0.08)	0.214	0.691	0.084	0.038	0.026	0.08 (0.01, 0.16)	-0.002	0.227	0.003	0.031	0.935	2.52e-03 (-0.06, 0.0	0.000	0.041	0.996	-2.13e-04 (-0.08, 0.08)
9836_20	DCK	DCK	226	0.046	0.019	0.016	0.05 (0.01, 0.08)	0.214	0.289	0.041	0.040	0.300	0.04 (-0.04, 0.12)	0.000	0.886	0.032	0.034	0.346	0.03 (-0.03, 0.10)	0.064	0.043	0.135	0.06 (-0.02, 0.15)
11567_23	ZNF10	ZNF10	226	0.047	0.019	0.016	0.05 (0.01, 0.08)	0.215	0.603	0.112	0.039	0.004	0.11 (0.04, 0.19)	-0.004	0.054	0.093	0.034	0.006	0.09 (0.03, 0.16)	0.092	0.040	0.024	0.09 (0.01, 0.17)
16831_7	DOK1	DOK1	226	0.044	0.019	0.016	0.04 (0.01, 0.08)	0.215	0.536	0.060	0.037	0.107	0.06 (-0.01, 0.13)	-0.001	0.624	0.014	0.029	0.646	0.01 (-0.04, 0.07)	0.000	0.041	0.990	4.91e-04 (-0.08, 0.08)
6334_9	GGT2	GGT2	226	0.112	0.047	0.016	0.11 (0.02, 0.20)	0.215	2.03E-160	0.088	0.094	0.352	0.09 (-0.10, 0.27)	0.002	0.768	0.114	0.033	0.001	0.11 (0.05, 0.18)	0.134	0.040	0.001	0.13 (0.05, 0.21)
8220_15	C10orf35	CJ035	226	-0.047	0.019	0.016	-0.05 (-0.08, -0.01)	0.216	0.764	-0.078	0.039	0.046	-0.08 (-0.15, -1.71e-03)	0.002	0.350	-0.077	0.039	0.044	-0.08 (-0.15, -1.97e-	-0.089	0.042	0.037	-0.09 (-0.17, -0.01)
2888_49	C7	C7	226	-0.050	0.021	0.017	-0.05 (-0.09, -0.01)	0.216	0.014	-0.022	0.042	0.596	-0.02 (-0.11, 0.06)	-0.002	0.449	-0.054	0.038	0.161	-0.05 (-0.13, 0.02)	-0.013	0.041	0.755	-0.01 (-0.09, 0.07)
18907_97	KIR3DL1	KI3L1	226	-0.046	0.019	0.017	-0.05 (-0.08, -0.01)	0.217	0.181	-0.032	0.040	0.426	-0.03 (-0.11, 0.05)	-0.001	0.695	-0.007	0.036	0.838	-0.01 (-0.08, 0.06)	0.003	0.039	0.934	3.22e-03 (-0.07, 0.08)
5755_29	GIP	GIP	226	-0.046	0.019	0.017	-0.05 (-0.08, -0.01)	0.217	0.213	-0.050	0.041	0.219	-0.05 (-0.13, 0.03)	0.000	0.919	-0.036	0.035	0.307	-0.04 (-0.11, 0.03)	-0.038	0.039	0.331	-0.04 (-0.11, 0.04)
5105_2	RTN4R	Nogo Rece	226	0.052	0.022	0.017	0.05 (0.01, 0.10)	0.217	0.002	0.006	0.044	0.895	0.01 (-0.08, 0.09)	0.003	0.225	0.020	0.040	0.619	0.02 (-0.06, 0.10)	0.040	0.040	0.326	0.04 (-0.04, 0.12)
7655_11	NPPB	N-terminal	226	-0.049	0.020	0.017	-0.05 (-0.09, -0.01)	0.219	0.001	-0.022	0.041	0.597	-0.02 (-0.10, 0.06)	-0.002	0.451	-0.009	0.030	0.764	-0.01 (-0.07, 0.05)	0.022	0.045	0.621	0.02 (-0.07, 0.11)
7179_69	NFASC	NFASC	226	0.057	0.024	0.017	0.06 (0.01, 0.10)	0.220	1.69E-07	0.145	0.048	0.003	0.14 (0.05, 0.24)	-0.005	0.036	0.054	0.042	0.204	0.05 (-0.03, 0.14)	0.068	0.044	0.123	0.07 (-0.02, 0.15)
15333_11	SDF2	SDF2	226	-0.047	0.019	0.017	-0.05 (-0.08, -0.01)	0.220	0.421	-0.056	0.040	0.156	-0.06 (-0.13, 0.02)	0.001	0.774	-0.037	0.039	0.340	-0.04 (-0.11, 0.04)	-0.061	0.043	0.153	-0.06 (-0.14, 0.02)
15640_54	TAGLN	TAGL	226	-0.043	0.018	0.017	-0.04 (-0.08, -0.01)	0.220	0.102	0.006	0.038	0.880	0.01 (-0.07, 0.08)	-0.003	0.145	-0.028	0.032	0.372	-0.03 (-0.09, 0.03)	-0.019	0.037	0.612	-0.02 (-0.09, 0.05)
5744_12	MENT	CA056	226	-0.113	0.048	0.017	-0.11 (-0.21, -0.02)	0.220	6.57E-184	-0.045	0.096	0.638	-0.05 (-0.23, 0.14)	-0.004	0.413	-0.030	0.039	0.451	-0.03 (-0.11, 0.05)	-0.026	0.041	0.526	-0.03 (-0.11, 0.05)
18311_44	DCTN6	DCTN6	226	0.045	0.019	0.017	0.05 (0.01, 0.08)	0.220	0.840	0.036	0.038	0.348	0.04 (-0.04, 0.11)	0.001	0.781	0.016	0.031	0.617	0.02 (-0.05, 0.08)	-0.001	0.041	0.979	-1.06e-03 (-0.08, 0.08)
4547_59	FLRT1	FLRT1	226	0.043	0.018	0.017	0.04 (0.01, 0.08)	0.220	0.144	0.046	0.039	0.237	0.05 (-0.03, 0.12)	0.000	0.943	-0.001	0.029	0.966	-1.23e-03 (-0.06, 0.0	-0.045	0.040	0.259	-0.04 (-0.12, 0.03)
4697_59	CSF2	GM-CSF	226	-0.051	0.021	0.017	-0.05 (-0.09, -0.01)	0.220	0.010	-0.030	0.043	0.488	-0.03 (-0.11, 0.05)	-0.001	0.577	-0.032	0.040	0.433	-0.03 (-0.11, 0.05)	-0.044	0.041	0.284	-0.04 (-0.12, 0.04)
9599_6	PIANP	PIANP	226	-0.043	0.018	0.017	-0.04 (-0.08, -0.01)	0.220	0.142	0.005	0.038	0.900	4.81e-03 (-0.07, 0.08)	-0.003	0.149	-0.036	0.037	0.325	-0.04 (-0.11, 0.04)	-0.054	0.037	0.143	-0.05 (-0.13, 0.02)
15573_110	NCAN	CSPG3	226	-0.056	0.024	0.017	-0.06 (-0.10, -0.01)	0.221	2.31E-10	0.035	0.047	0.467	0.03 (-0.06, 0.13)	-0.006	0.028	-0.001	0.033	0.968	-1.34e-03 (-0.07, 0.0	-0.002	0.041	0.956	-2.30e-03 (-0.08, 0.08)
10825_12	VSIG10	VSI10	226	-0.045	0.019	0.018	-0.05 (-0.08, -0.01)	0.224	0.656	0.034	0.039	0.386	0.03 (-0.04, 0.11)	-0.005	0.019	-0.008	0.035	0.811	-0.01 (-0.08, 0.06)	-0.013	0.041	0.756	-0.01 (-0.09, 0.07)
7225_51	MMGT1	MMGT1	226	0.046	0.020	0.018	0.05 (0.01, 0.08)	0.225	0.068	0.052	0.042	0.215	0.05 (-0.03, 0.14)	0.000	0.868	0.053	0.042	0.207	0.05 (-0.03, 0.14)	0.062	0.045	0.172	0.06 (-0.03, 0.15)
13591_31	PRIM1	PRI1	226	-0.050	0.021	0.018	-0.05 (-0.09, -0.01)	0.227	0.017	-0.043	0.043	0.322	-0.04 (-0.13, 0.04)	0.000	0.838	-0.007	0.039	0.859	-0.01 (-0.08, 0.07)	-0.015	0.043	0.733	-0.01 (-0.10, 0.07)
3415_61	IBSP	BSP	226	-0.051	0.022	0.018	-0.05 (-0.09, -0.01)	0.227	0.006	0.000	0.044	0.997	1.38e-04 (-0.09, 0.09)	-0.003	0.176	-0.028	0.040	0.483	-0.03 (-0.11, 0.05)	-0.025	0.039	0.522	-0.03 (-0.10, 0.05)
5698_60	TNXB	Tenascin-X	226	-0.054	0.023	0.018	-0.05 (-0.10, -0.01)	0.227	2.69E-05	-0.020	0.046	0.664	-0.02 (-0.11, 0.07)	-0.002	0.397	0.015	0.035	0.672	0.01 (-0.05, 0.08)	0.008	0.044	0.856	0.01 (-0.08, 0.10)
7050_5	NEGR1	NEGR1	226	-0.058	0.025	0.018	-0.06 (-0.11, -0.01)	0.227	8.73E-09	-0.018	0.050	0.713	-0.02 (-0.12, 0.08)	-0.002	0.354	-0.043	0.037	0.247	-0.04 (-0.12, 0.03)	-0.074	0.043	0.090	-0.07 (-0.16, 0.01)
12461_8	SIRT5	SIRT5	226	-0.046	0.019	0.018	-0.05 (-0.08, -0.01)	0.229	0.301	-0.003	0.040	0.937	-3.17e-03 (-0.08, 0.08)	-0.003	0.221	-0.007	0.037	0.856	-0.01 (-0.08, 0.07)	-0.038	0.042	0.363	-0.04 (-0.12, 0.04)
3315_15	GPC2	GPC2	226	-0.046	0.020	0.018	-0.05 (-0.08, -0.01)	0.229	0.920	0.001	0.039	0.984	7.85e-04 (-0.08, 0.08)	-0.003	0.172	-0.044	0.041	0.289	-0.04 (-0.12, 0.04)	-0.051	0.042	0.233	-0.05 (-0.13, 0.03)
6022_57	NELL2	NELL2	226	-0.043	0.018	0.019	-0.04 (-0.08, -0.01)	0.230	0.057	0.005	0.039	0.896	0.01 (-0.07, 0.08)	-0.003	0.160	-0.008	0.033	0.809	-0.01 (-0.07, 0.06)	-0.011	0.039	0.772	-0.01 (-0.09, 0.06)
7784_1	KNG1	Kininogen,	226	0.050	0.021	0.019	0.05 (0.01, 0.09)	0.233	0.036	0.046	0.043	0.287	0.05 (-0.04, 0.13)	0.000	0.913	0.074	0.039	0.060	0.07 (-3.22e-03, 0.1	0.061	0.040	0.128	0.06 (-0.02, 0.14)
12630_8	ARFIP2	ARFP2	226	-0.051	0.022	0.019	-0.05 (-0.09, -0.01)	0.234	2.91E-05	0.021	0.044	0.625	0.02 (-0.06, 0.11)	-0.005	0.057	-0.018	0.036	0.619	-0.02 (-0.09, 0.05)	-0.035	0.038	0.361	-0.03 (-0.11, 0.04)
12514_16	METTL1	METTL1	226	0.075	0.032	0.019	0.07 (0.01, 0.14)	0.235	4.14E-40	0.110	0.064	0.089	0.11 (-0.02, 0.24)	-0.002	0.529	0.124	0.035	3.72E-04	0.12 (0.06, 0.19)	0.129	0.041	0.002	0.13 (0.05, 0.21)
4479_14	SERPING1	C1-Esteras	226	-0.049	0.021	0.019	-0.05 (-0.09, -0.01)	0.235	0.032	-0.001	0.042	0.976	-1.29e-03 (-0.08, 0.08)	-0.003	0.193	0.005	0.033	0.871	0.01 (-0.06, 0.07)	0.027	0.043	0.528	0.03 (-0.06, 0.11)
15530_33	EPHB4	EphB4	226	-0.047	0.020	0.019	-0.05 (-0.09, -0.01)	0.235	0.043	0.008	0.041	0.844	0.01 (-0.07, 0.09)	-0.003	0.118	-0.024	0.036	0.493	-0.02 (-0.09, 0.05)	-0.022	0.038	0.564	-0.02 (-0.10, 0.05)
6653_58	CD47	CD47	226	0.042	0.018	0.019	0.04 (0.01, 0.08)	0.236	0.603	0.035	0.036	0.333	0.04 (-0.04, 0.11)	0.000	0.826	0.012	0.030	0.687	0.01 (-0.05, 0.07)	-0.008	0.040	0.840	-0.01 (-0.09, 0.07)
5349_69	DLL1	DLL1	226	-0.054	0.023	0.019	-0.05 (-0.10, -0.01)	0.237	3.29E-05	-0.041	0.047	0.378	-0.04 (-0.13, 0.05)	-0.001	0.753	-0.040	0.040	0.317	-0.04 (-0.12, 0.04)	-0.061	0.042	0.145	-0.06 (-0.14, 0.02)
5357_60	NLGN4X	NLGNX	226	-0.045	0.019	0.020	-0.04 (-0.08, -0.01)	0.237	0.302	0.021	0.039	0.602	0.02 (-0.06, 0.10)	-0.004	0.057	-0.010	0.038	0.797	-0.01 (-0.09, 0.07)	-0.007	0.040	0.869	-0.01 (-0.09, 0.07)
18841_1	SERPINB1	SPB13	226	-0.044	0.019	0.020	-0.04 (-0.08, -0.01)	0.238	0.058	0.018	0.041	0.655	0.02 (-0.06, 0.10)	-0.004	0.079	-0.023	0.031	0.464	-0.02 (-0.08, 0.04)	0.005	0.039	0.890	0.01 (-0.07, 0.08)
10756_34	UCN3	UCN3	226	-0.045	0.019	0.020	-0.04 (-0.08, -0.01)	0.238	0.465	-0.067	0.039	0.083	-0.07 (-0.14, 0.01)	0.001	0.499	-0.054	0.039	0.164	-0.05 (-0.13, 0.02)	-0.064	0.040	0.113	-0.06 (-0.14, 0.01)
7638_30	LMAN2	Lectin, man	226	0.051	0.022	0.020	0.05 (0.01, 0.09)	0.239	0.005	-0.020	0.044	0.641	-0.02 (-0.11, 0.07)	0.004	0.062	0.020	0.037	0.593	0.02 (-0.05, 0.09)	0.027	0.041	0.505	0.03 (-0.05, 0.11)
8653_132	DNAJC4	DNJC4	226	0.045	0.019	0.020	0.05 (0.01, 0.08)	0.239	0.132	-0.008	0.041	0.848	-0.01 (-0.09, 0.07)	0.003	0.137	-0.009	0.037	0.804	-0.01 (-0.08, 0.06)	-0.014	0.042	0.734	-0.01 (-0.10, 0.07)
8309_12	HYAL1	HYAL1	226	-0.051	0.022	0.020	-0.05 (-0.09, -0.01)	0.240	1.62E-04	-0.029	0.045	0.512	-0.03 (-0.12, 0.06)	-0.001	0.568	-0.056	0.040	0.158	-0.06 (-0.13, 0.02)	-0.048	0.041	0.252	-0.05 (-0.13, 0.03)
13565_2	RBL2	p130	226	-0.050	0.021	0.020	-0.05 (-0.09, -0.01)	0.243	1.09E-04	-0.071	0.043	0.103	-0.07 (-0.16, 0.01)	0.001	0.576	-0.069	0.038	0.072	-0.07 (-0.14, 0.01)	-0.054	0.039	0.166	-0.05 (-0.13, 0.02)
13654_1	ROCK2	ROCK2	226	0.043	0.019	0.020	0.04 (0.01, 0.08)	0.244	0.705	0.022	0.038	0.561	0.02 (-0.05, 0.10)	0.001	0.513	0.013	0.031	0.668	0.01 (-0.05, 0.07)	0.006	0.041	0.879	0.01 (-0.07, 0.09)
4324_33	CST2	CYTT	226	-0.044	0.019	0.020	-0.04 (-0.08, -0.01)	0.244	0.615	0.020	0.038	0.594	0.02 (-0.05, 0.10)	-0.004	0.054	-0.015	0.037	0.693	-0.01 (-0.09, 0.06)	-0.020	0.041	0.632	-0.02 (-0.10, 0.06)
9363_11	CT55	CX048	226	0.045	0.020	0.021	0.05 (0.01, 0.08)	0.244	0.365	0.002	0.040	0.956	2.22e-03 (-0.08, 0.08)	0.003	0.215	0.019	0.041	0.647	0.02 (-0.06, 0.10)	0.012	0.040	0.758	0.01 (-0.07, 0.09)
3341_33	ABL1	ABL1	226	-0.045	0.019	0.021	-0.04 (-0.08, -0.01)	0.244	0.328	0.012	0.040	0.771	0.01 (-0.07, 0.09)	-0.004	0.103	-0.050	0.040	0.208	-0.05 (-0.13, 0.03)	-0.050	0.040	0.205	-0.05 (-0.13, 0.03)
9296_15	PTPRD	PTPRD	226	-0.043	0.018	0.021	-0.04 (-0.08, -0.01)	0.244	0.060	0.039	0.039	0.316	0.04 (-0.04, 0.12)	-0.005	0.017	-0.021	0.034	0.524	-0.02 (-0.09, 0.04)	-0.023	0.039	0.559	-0.02 (-0.10, 0.05)
11547_84	MUSK	MUSK	226	0.043	0.018	0.021	0.04 (0.01, 0.08)	0.246	0.217	-0.013	0.038	0.727	-0.01 (-0.09, 0.06)	0.003	0.094	0.014	0.038	0.716	0.01 (-0.06, 0.09)	0.009	0.038	0.816	0.01 (-0.07, 0.08)
10866_60	SMEK1	P4R3A	226	0.047	0.020	0.021	0.05 (0.01, 0.09)	0.247	0.016	0.021	0.041	0.606	0.02 (-0.06, 0.10)	0.002	0.470	0.024	0.035	0.498	0.02 (-0.04, 0.09)	0.030	0.034	0.378	0.03 (-0.04, 0.10)
11395_5	PTK2B	FAK2	226	0.042	0.018	0.021	0.04 (0.01, 0.08)	0.247	0.310	0.060	0.038	0.112	0.06 (-0.01, 0.13)	-0.001	0.585	-0.011	0.032	0.728	-0.01 (-0.07, 0.05)	-0.001	0.041	0.980	-1.00e-03 (-0.08, 0.08)
8028_22	SPINK5	SPINK5	226	-0.044	0.019	0.021	-0.04 (-0.08, -0.01)	0.249	0.081	0.037	0.040	0.360	0.04 (-0.04, 0.12)	-0.005	0.022	-0.030	0.031	0.340	-0.03 (-0.09, 0.03)	0.001	0.040	0.971	1.45e-03 (-0.08, 0.08)
11218_84	TPMT	TPMT	226	0.053	0.023	0.021	0.05 (0.01, 0.10)	0.250	9.18E-07	0.031	0.046	0.502	0.03 (-0.06, 0.12)	0.001	0.590	0.049	0.040	0.223	0.05 (-0.03, 0.13)	0.055	0.038	0.153	0.05 (-0.02, 0.13)
12793_4	PIWIL1	PIWL1	226	0.050	0.022	0.021	0.05 (0.01, 0.09)	0.250	0.002	0.037	0.044	0.405	0.04 (-0.05, 0.12)	0.001	0.724	0.019	0.032	0.545	0.02 (-0.04, 0.08)	0.014	0.041	0.739	0.01 (-0.07, 0.09)
15322_35	CRADD	CRADD	226	0.043	0.019	0.022	0.04 (0.01, 0.08)	0.252	0.781	0.055	0.038	0.150	0.05 (-0.02, 0.13)	-0.001	0.726	0.034	0.037	0.365	0.03 (-0.04, 0.11)	0.052	0.038	0.176	0.05 (-0.02, 0.13)
9910_9	MTAP	MTAP	226	0.047	0.021	0.022	0.05 (0.01, 0.09)	0.253	0.006	0.098	0.042	0.019	0.10 (0.02, 0.18)	-0.003	0.162	0.039	0.038	0.294	0.04 (-0.03, 0.11)	0.049	0.040	0.219	0.05 (-0.03, 0.13)
10514_5	PTGDS	PGD2 synth	226	-0.044	0.019	0.022	-0.04 (-0.08, -0.01)	0.253	0.090	-0.094	0.041	0.024	-0.09 (-0.17, -0.01)	0.003	0.170	-0.078	0.031	0.012	-0.08 (-0.14, -0.02)	-0.114	0.042	0.007	-0.11 (-0.20, -0.03)
12831_21	TESC	TESC	226	0.043	0.019	0.022	0.04 (0.01, 0.08)	0.255	0.518	0.021	0.038	0.581	0.02 (-0.05, 0.09)	0.001	0.502	0.012	0.038	0.745	0.01 (-0.06, 0.09)	0.031	0.039	0.431	0.03 (-0.05, 0.11)
2961_1	PROC	Protein C	226	-0.049	0.021	0.022	-0.05 (-0.09, -0.01)	0.255	0.009	-0.026	0.043	0.552	-0.03 (-0.11, 0.06)	-0.001	0.536	-0.032	0.041	0.440	-0.03 (-0.11, 0.05)	-0.020	0.039	0.611	-0.02 (-0.10, 0.06)
11656_110	EVL	EVL	226	0.043	0.019	0.022	0.04 (0.01, 0.08)	0.255	0.102	0.037	0.040	0.362	0.04 (-0.04, 0.12)	0.000	0.858	0.010	0.035	0.773	0.01 (-0.06, 0.08)	0.026	0.042	0.533	0.03 (-0.06, 0.11)
14136_234	CD93	C1QR1	226	-0.054	0.024	0.022	-0.05 (-0.10, -0.01)	0.255	2.29E-06	-0.038	0.048	0.426	-0.04 (-0.13, 0.06)	-0.001	0.699	-0.068	0.039	0.084	-0.07 (-0.15, 0.01)	-0.070	0.040	0.084	-0.07 (-0.15, 0.01)
16318_12	ACVRL1	ALK-1	226	-0.042	0.019	0.022	-0.04 (-0.08, -0.01)	0.255	0.167	0.001	0.039	0.973	1.34e-03 (-0.07, 0.08)	-0.003	0.197	-0.022	0.031	0.480	-0.02 (-0.08, 0.04)	-0.012	0.043	0.782	-0.01 (-0.10, 0.07)
18819_21	PPIC	PPIC	226	-0.054	0.023	0.022	-0.05 (-0.10, -0.01)	0.255	1.26E-06	-0.095	0.047	0.045	-0.10 (-0.19, -2.67e-03)	0.003	0.310	-0.040	0.039	0.298	-0.04 (-0.12, 0.04)	-0.032	0.038	0.402	-0.03 (-0.11, 0.04)
3331_8	RGMB	RGMB	226	-0.048	0.021	0.022	-0.05 (-0.09, -0.01)	0.255	0.023	0.000	0.042	0.993	-3.55e-04 (-0.08, 0.08)	-0.003	0.196	-0.079	0.037	0.033	-0.08 (-0.15, -0.01)	-0.059	0.038	0.116	-0.06 (-0.13, 0.01)
7221_56	CKAP4	CKAP4	226	-0.044	0.019	0.023	-0.04 (-0.08, -0.01)	0.255	0.375	-0.041	0.040	0.297	-0.04 (-0.12, 0.04)	0.000	0.937	-0.054	0.040	0.170	-0.05 (-0.13, 0.02)	-0.054	0.038	0.159	-0.05 (-0.13, 0.02)
8969_49	CD14	CD14	226	-0.047	0.021	0.022	-0.05 (-0.09, -0.01)	0.255	0.043	0.010	0.041	0.809	0.01 (-0.07, 0.09)	-0.004	0.113	-0.016	0.031	0.605	-0.02 (-0.08, 0.05)	0.007	0.041	0.870	0.01 (-0.07, 0.09)
3827_22	PAK6	PAK6	226	0.043	0.019	0.023	0.04 (0.01, 0.08)	0.256	0.719	0.030	0.038	0.434	0.03 (-0.04, 0.10)	0.001	0.688	0.016	0.031	0.621	0.02 (-0.05, 0.08)	-0.005	0.037	0.904	-4.52e-03 (-0.08, 0.07)
5069_9	CD55	DAF	226	-0.051	0.022	0.023	-0.05 (-0.09, -0.01)	0.256	0.001	-0.020	0.045	0.650	-0.02 (-0.11, 0.07)	-0.002	0.436	-0.033	0.034	0.337	-0.03 (-0.10, 0.03)	-0.032	0.039	0.405	-0.03 (-0.11, 0.04)
8038_41	NSDHL	NSDHL	226	-0.044	0.019	0.023	-0.04 (-0.08, -0.01)	0.256	0.524	0.022	0.039	0.566	0.02 (-0.05, 0.10)	-0.004	0.050	-0.003	0.037	0.929	-3.25e-03 (-0.07, 0.0	-0.016	0.041	0.694	-0.02 (-0.10, 0.06)
6919_3	HBZ	HBAZ	226	0.044	0.019	0.023	0.04 (0.01, 0.08)	0.258	0.058	0.014	0.041	0.739	0.01 (-0.07, 0.09)	0.002	0.409	0.059	0.039	0.131	0.06 (-0.02, 0.13)	0.053	0.040	0.179	0.05 (-0.02, 0.13)
8839_4	MTX2	Metaxin-2	226	0.044	0.019	0.023	0.04 (0.01, 0.08)	0.258	0.409	0.015	0.039	0.705	0.01 (-0.06, 0.09)	0.002	0.396	0.001	0.036	0.968	1.46e-03 (-0.07, 0.0	0.006	0.041	0.891	0.01 (-0.07, 0.09)
10908_2	GALNT13	GLT13	226	-0.043	0.019	0.023	-0.04 (-0.08, -0.01)	0.260	0.131	0.022	0.040	0.587	0.02 (-0.06, 0.10)	-0.004	0.063	-0.024	0.033	0.460	-0.02 (-0.09, 0.04)	0.048	0.045	0.287	0.05 (-0.04, 0.14)
13506_10	DUS2	DUS2L	226	0.044	0.020	0.023	0.04 (0.01, 0.08)	0.260	0.137	0.002	0.041	0.968	1.65e-03 (-0.08, 0.08)	0.003	0.235	0.018	0.043	0.674	0.02 (-0.07, 0.10)	0.015	0.042	0.719	0.01 (-0.07, 0.10)
15331_47	RBBP4	RBBP4	226	0.048	0.021	0.023	0.05 (0.01, 0.09)	0.260	0.005	0.026	0.042	0.540	0.03 (-0.06, 0.11)	0.001	0.558	0.006	0.036	0.858	0.01 (-0.06, 0.08)	0.033	0.041	0.418	0.03 (-0.05, 0.11)
8406_17	IGF1	IGF-I	226	-0.049	0.022	0.023	-0.05 (-0.09, -0.01)	0.260	0.006	-0.049	0.044	0.260	-0.05 (-0.13, 0.04)	0.000	0.995	-0.057	0.037	0.123	-0.06 (-0.13, 0.02)	-0.078	0.040	0.055	-0.08 (-0.16, 1.11e-03)
11117_2	SPATA20	SPT20	226	0.044	0.020	0.024	0.04 (0.01, 0.08)	0.261	0.483	0.008	0.039	0.847	0.01 (-0.07, 0.08)	0.002	0.285	0.019	0.032	0.546	0.02 (-0.04, 0.08)	0.005	0.041	0.895	0.01 (-0.07, 0.09)
11365_17	TENM4	TEN4	226	0.044	0.020	0.024	0.04 (0.01, 0.08)	0.262	0.830	0.067	0.040	0.093	0.07 (-0.01, 0.14)	-0.001	0.513	0.020	0.038	0.602	0.02 (-0.06, 0.10)	0.020	0.038	0.612	0.02 (-0.06, 0.10)
13268_45	WNT5A	WNT5A	226	0.059	0.026	0.024	0.06 (0.01, 0.11)	0.262	7.27E-14	0.001	0.053	0.977	1.49e-03 (-0.10, 0.10)	0.004	0.208	0.074	0.042	0.080	0.07 (-0.01, 0.16)	0.086	0.040	0.031	0.09 (0.01, 0.16)
13540_1	GPR26	GPR26	226	0.044	0.019	0.024	0.04 (0.01, 0.08)	0.262	0.439	0.007	0.039	0.850	0.01 (-0.07, 0.08)	0.002	0.288	0.032	0.039	0.417	0.03 (-0.05, 0.11)	0.029	0.041	0.485	0.03 (-0.05, 0.11)
14711_27	CST6	Cystatin M	226	-0.047	0.021	0.024	-0.05 (-0.09, -0.01)	0.262	0.017	0.029	0.041	0.475	0.03 (-0.05, 0.11)	-0.005	0.035	-0.008	0.033	0.807	-0.01 (-0.07, 0.06)	-0.003	0.041	0.944	-2.91e-03 (-0.08, 0.08)
16070_7	WIF1	WIF-1	226	-0.047	0.021	0.024	-0.05 (-0.09, -0.01)	0.262	0.005	0.015	0.042	0.712	0.02 (-0.07, 0.10)	-0.004	0.086	-0.026	0.032	0.414	-0.03 (-0.09, 0.04)	-0.006	0.044	0.896	-0.01 (-0.09, 0.08)
19506_6	GLYAT	GLYAT	226	0.049	0.022	0.024	0.05 (0.01, 0.09)	0.262	0.005	0.043	0.044	0.332	0.04 (-0.04, 0.13)	0.000	0.866	0.030	0.040	0.448	0.03 (-0.05, 0.11)	0.049	0.038	0.203	0.05 (-0.03, 0.12)
2878_66	YES1	YES	226	0.043	0.019	0.024	0.04 (0.01, 0.08)	0.262	0.732	-0.001	0.038	0.973	-1.30e-03 (-0.08, 0.07)	0.003	0.186	-0.002	0.034	0.964	-1.52e-03 (-0.07, 0.0	-0.013	0.044	0.764	-0.01 (-0.10, 0.07)
5737_61	SEMA4D	SEM4D	226	0.043	0.019	0.024	0.04 (0.01, 0.08)	0.262	0.090	0.032	0.041	0.442	0.03 (-0.05, 0.11)	0.001	0.746	0.023	0.030	0.442	0.02 (-0.04, 0.08)	-0.017	0.041	0.671	-0.02 (-0.10, 0.06)
7810_20	C1QTNF5	C1QTNF5	226	-0.053	0.024	0.024	-0.05 (-0.10, -0.01)	0.262	1.73E-10	-0.038	0.048	0.432	-0.04 (-0.13, 0.06)	-0.001	0.705	-0.097	0.039	0.012	-0.10 (-0.17, -0.02)	-0.096	0.037	0.009	-0.10 (-0.17, -0.02)
9786_310	IER3	IEX1	226	0.048	0.021	0.024	0.05 (0.01, 0.09)	0.262	0.033	0.011	0.043	0.793	0.01 (-0.07, 0.09)	0.002	0.325	0.044	0.042	0.303	0.04 (-0.04, 0.13)	0.047	0.043	0.280	0.05 (-0.04, 0.13)
16612_28	SDC3	SDC3	226	0.050	0.022	0.024	0.05 (0.01, 0.09)	0.264	0.001	-0.005	0.044	0.918	-4.57e-03 (-0.09, 0.08)	0.003	0.160	0.064	0.041	0.118	0.06 (-0.02, 0.14)	0.073	0.035	0.039	0.07 (4.06e-03, 0.14)
3508_78	CCL22	MDC	226	-0.043	0.019	0.024	-0.04 (-0.08, -0.01)	0.264	0.504	-0.088	0.039	0.024	-0.09 (-0.16, -0.01)	0.003	0.185	-0.076	0.039	0.049	-0.08 (-0.15, -3.19e-	-0.084	0.040	0.038	-0.08 (-0.16, -4.96e-03)
2278_61	TIMP2	TIMP-2	226	-0.051	0.022	0.025	-0.05 (-0.09, -0.01)	0.264	5.08E-05	-0.002	0.045	0.958	-2.36e-03 (-0.09, 0.09)	-0.003	0.220	-0.069	0.039	0.078	-0.07 (-0.15, 0.01)	-0.048	0.043	0.260	-0.05 (-0.13, 0.04)
12668_7	VPS4B	VPS4B	226	0.043	0.019	0.025	0.04 (0.01, 0.08)	0.265	0.631	0.003	0.038	0.933	3.24e-03 (-0.07, 0.08)	0.002	0.236	0.003	0.037	0.933	3.13e-03 (-0.07, 0.0	0.008	0.039	0.838	0.01 (-0.07, 0.08)
8864_59	CENPW	CENPW	226	0.042	0.019	0.025	0.04 (0.01, 0.08)	0.269	0.100	0.038	0.040	0.349	0.04 (-0.04, 0.12)	0.000	0.901	0.006	0.032	0.854	0.01 (-0.06, 0.07)	-0.021	0.041	0.607	-0.02 (-0.10, 0.06)
11266_8	SELPLG	SELPL	226	-0.045	0.020	0.025	-0.04 (-0.08, -0.01)	0.270	0.025	0.005	0.040	0.904	4.85e-03 (-0.07, 0.08)	-0.003	0.157	-0.018	0.033	0.574	-0.02 (-0.08, 0.05)	-0.014	0.040	0.730	-0.01 (-0.09, 0.06)
12363_70	TRIB2	TRIB2	226	0.043	0.019	0.025	0.04 (0.01, 0.08)	0.270	0.689	0.039	0.039	0.317	0.04 (-0.04, 0.11)	0.000	0.900	0.037	0.039	0.340	0.04 (-0.04, 0.11)	0.017	0.041	0.670	0.02 (-0.06, 0.10)
12970_35	STAU2	STAU2	226	0.043	0.019	0.025	0.04 (0.01, 0.08)	0.270	0.788	-0.005	0.039	0.889	-0.01 (-0.08, 0.07)	0.003	0.151	0.010	0.034	0.762	0.01 (-0.06, 0.08)	-0.009	0.042	0.837	-0.01 (-0.09, 0.07)
9175_48	DSCAM	DSCAM	226	0.043	0.019	0.025	0.04 (0.01, 0.08)	0.270	0.139	0.061	0.041	0.133	0.06 (-0.02, 0.14)	-0.001	0.603	0.036	0.041	0.381	0.04 (-0.04, 0.12)	0.043	0.039	0.267	0.04 (-0.03, 0.12)
6264_9	CYR61	CYR61	226	0.050	0.022	0.026	0.05 (0.01, 0.09)	0.271	0.001	0.046	0.045	0.311	0.05 (-0.04, 0.13)	0.000	0.915	0.083	0.037	0.027	0.08 (0.01, 0.16)	0.076	0.045	0.089	0.08 (-0.01, 0.16)
3325_2	MATN2	MATN2	226	-0.045	0.020	0.026	-0.04 (-0.08, -0.01)	0.271	0.013	-0.038	0.040	0.345	-0.04 (-0.12, 0.04)	0.000	0.854	-0.013	0.036	0.720	-0.01 (-0.08, 0.06)	-0.016	0.036	0.648	-0.02 (-0.09, 0.05)
11067_13	BGLAP	Osteocalcin	226	-0.043	0.019	0.026	-0.04 (-0.08, -0.01)	0.273	0.984	-0.064	0.039	0.103	-0.06 (-0.14, 0.01)	0.001	0.541	-0.038	0.032	0.232	-0.04 (-0.10, 0.02)	-0.040	0.042	0.347	-0.04 (-0.12, 0.04)
12471_47	STAU1	STAU1	226	0.041	0.018	0.026	0.04 (4.89e-03, 0.08)	0.273	0.191	-0.021	0.038	0.581	-0.02 (-0.10, 0.05)	0.004	0.063	0.008	0.030	0.796	0.01 (-0.05, 0.07)	-0.025	0.041	0.538	-0.03 (-0.10, 0.05)
11278_4	COL11A2	COL11A2	226	-0.042	0.019	0.026	-0.04 (-0.08, -0.01)	0.273	0.063	-0.007	0.041	0.864	-0.01 (-0.09, 0.07)	-0.002	0.323	-0.015	0.035	0.674	-0.01 (-0.08, 0.05)	-0.033	0.043	0.451	-0.03 (-0.12, 0.05)
19637_9	CRH	CRH	226	-0.044	0.020	0.026	-0.04 (-0.08, -0.01)	0.273	0.282	-0.061	0.041	0.135	-0.06 (-0.14, 0.02)	0.001	0.625	-0.092	0.034	0.007	-0.09 (-0.16, -0.03)	-0.070	0.044	0.110	-0.07 (-0.16, 0.02)
5131_15	TNFRSF19	TAJ	226	-0.043	0.019	0.026	-0.04 (-0.08, -0.01)	0.273	0.173	-0.019	0.040	0.645	-0.02 (-0.10, 0.06)	-0.002	0.492	-0.030	0.041	0.467	-0.03 (-0.11, 0.05)	-0.023	0.042	0.578	-0.02 (-0.11, 0.06)
11223_1	TMEM154	TM154	226	-0.041	0.019	0.026	-0.04 (-0.08, -4.87e-03	0.275	0.245	0.014	0.039	0.709	0.01 (-0.06, 0.09)	-0.003	0.097	0.019	0.036	0.604	0.02 (-0.05, 0.09)	0.012	0.042	0.780	0.01 (-0.07, 0.09)
3314_74	GFRA1	GFRa-1	226	0.045	0.020	0.026	0.04 (0.01, 0.08)	0.275	0.026	0.004	0.040	0.926	3.77e-03 (-0.08, 0.08)	0.003	0.246	0.009	0.037	0.814	0.01 (-0.06, 0.08)	0.026	0.041	0.529	0.03 (-0.05, 0.11)
6375_75	XXYLT1	XXLT1	226	-0.045	0.020	0.026	-0.05 (-0.09, -0.01)	0.275	0.030	0.012	0.041	0.773	0.01 (-0.07, 0.09)	-0.004	0.109	-0.003	0.033	0.927	-3.06e-03 (-0.07, 0.0	0.000	0.042	0.994	-3.05e-04 (-0.08, 0.08)
11363_58	AQP4	AQP4	226	0.043	0.020	0.027	0.04 (0.01, 0.08)	0.276	0.970	0.095	0.039	0.017	0.09 (0.02, 0.17)	-0.003	0.131	0.045	0.039	0.241	0.05 (-0.03, 0.12)	0.070	0.044	0.109	0.07 (-0.02, 0.16)
16055_3	CFHR5	complemen	226	-0.043	0.019	0.027	-0.04 (-0.08, -0.01)	0.276	0.069	-0.052	0.042	0.212	-0.05 (-0.13, 0.03)	0.001	0.798	-0.083	0.035	0.020	-0.08 (-0.15, -0.01)	-0.066	0.038	0.081	-0.07 (-0.14, 0.01)
8305_18	SULF2	SULF2	226	0.041	0.018	0.027	0.04 (4.75e-03, 0.08)	0.276	0.372	0.001	0.038	0.978	1.05e-03 (-0.07, 0.07)	0.002	0.224	0.028	0.031	0.366	0.03 (-0.03, 0.09)	0.011	0.039	0.772	0.01 (-0.06, 0.09)
9315_16	MUL1	MUL1	226	-0.043	0.020	0.027	-0.04 (-0.08, -0.01)	0.276	0.507	-0.039	0.039	0.324	-0.04 (-0.12, 0.04)	0.000	0.897	-0.029	0.041	0.475	-0.03 (-0.11, 0.05)	-0.040	0.044	0.355	-0.04 (-0.13, 0.05)
9834_62	ADH1B	ADH1B	226	0.041	0.019	0.027	0.04 (4.72e-03, 0.08)	0.276	0.583	0.078	0.037	0.037	0.08 (0.01, 0.15)	-0.002	0.252	0.052	0.037	0.166	0.05 (-0.02, 0.12)	0.053	0.037	0.157	0.05 (-0.02, 0.13)
6925_26	SNX8	SNX8	226	0.041	0.018	0.027	0.04 (4.67e-03, 0.08)	0.276	0.749	0.046	0.037	0.217	0.05 (-0.03, 0.12)	0.000	0.874	0.004	0.032	0.892	4.32e-03 (-0.06, 0.0	0.004	0.039	0.924	3.73e-03 (-0.07, 0.08)
2853_68	CHEK1	CHK1	226	0.043	0.020	0.027	0.04 (4.90e-03, 0.08)	0.278	0.296	0.020	0.040	0.629	0.02 (-0.06, 0.10)	0.001	0.499	0.030	0.040	0.454	0.03 (-0.05, 0.11)	0.034	0.043	0.433	0.03 (-0.05, 0.12)
14318_1	VPS29	VPS29	226	0.092	0.041	0.027	0.09 (0.01, 0.17)	0.278	6.59E-109	0.056	0.084	0.504	0.06 (-0.11, 0.22)	0.002	0.625	0.043	0.043	0.313	0.04 (-0.04, 0.13)	0.035	0.044	0.428	0.03 (-0.05, 0.12)
12400_25	UBE2T	UBE2T	226	0.043	0.019	0.028	0.04 (4.72e-03, 0.08)	0.282	0.640	0.035	0.039	0.374	0.03 (-0.04, 0.11)	0.000	0.815	0.031	0.037	0.403	0.03 (-0.04, 0.10)	0.034	0.037	0.353	0.03 (-0.04, 0.11)
17153_46	KIR2DL3	KI2L3	226	-0.069	0.031	0.028	-0.07 (-0.13, -0.01)	0.284	1.35E-33	-0.040	0.063	0.524	-0.04 (-0.16, 0.08)	-0.002	0.603	0.004	0.034	0.898	4.39e-03 (-0.06, 0.0	0.018	0.045	0.686	0.02 (-0.07, 0.11)
6471_53	CFHR4	FHR4	226	-0.043	0.020	0.028	-0.04 (-0.08, -4.62e-03	0.285	0.111	-0.081	0.042	0.053	-0.08 (-0.16, 4.70e-04)	0.002	0.292	-0.114	0.032	3.54E-04	-0.11 (-0.18, -0.05)	-0.130	0.049	0.009	-0.13 (-0.23, -0.03)
7871_16	TMEM132A	T132A	226	-0.047	0.022	0.028	-0.05 (-0.09, -0.01)	0.285	0.009	0.002	0.043	0.961	2.15e-03 (-0.08, 0.09)	-0.003	0.189	-0.025	0.041	0.538	-0.03 (-0.11, 0.05)	-0.040	0.042	0.343	-0.04 (-0.12, 0.04)
11692_21	SHC4	SHC4	226	0.041	0.019	0.028	0.04 (4.38e-03, 0.08)	0.285	0.395	0.064	0.038	0.094	0.06 (-0.01, 0.14)	-0.001	0.487	0.020	0.033	0.542	0.02 (-0.04, 0.08)	-0.005	0.044	0.908	-0.01 (-0.09, 0.08)
19161_1	USP15	UBP15	226	-0.042	0.019	0.028	-0.04 (-0.08, -4.47e-03	0.285	0.834	-0.042	0.038	0.275	-0.04 (-0.12, 0.03)	0.000	0.995	-0.075	0.038	0.049	-0.08 (-0.15, -4.44e-	-0.079	0.042	0.064	-0.08 (-0.16, 4.18e-03)
5609_92	FAM19A5	F19A5	226	-0.042	0.019	0.028	-0.04 (-0.08, -4.44e-03	0.285	0.694	-0.028	0.038	0.459	-0.03 (-0.10, 0.05)	-0.001	0.690	-0.026	0.039	0.500	-0.03 (-0.10, 0.05)	-0.040	0.039	0.296	-0.04 (-0.12, 0.04)
8876_51	NRXN2	NRX2B	226	0.043	0.020	0.028	0.04 (4.54e-03, 0.08)	0.286	0.330	0.031	0.040	0.444	0.03 (-0.05, 0.11)	0.001	0.732	0.017	0.038	0.658	0.02 (-0.06, 0.09)	0.040	0.044	0.363	0.04 (-0.05, 0.13)
5753_21	FAM19A1	F19A1	226	0.043	0.020	0.028	0.04 (4.52e-03, 0.08)	0.286	0.351	0.044	0.040	0.271	0.04 (-0.03, 0.12)	0.000	0.968	0.008	0.038	0.830	0.01 (-0.07, 0.08)	0.025	0.043	0.572	0.02 (-0.06, 0.11)
12811_55	ZNF415	ZN415	226	0.043	0.019	0.029	0.04 (4.42e-03, 0.08)	0.287	0.586	-0.031	0.039	0.433	-0.03 (-0.11, 0.05)	0.005	0.032	0.035	0.032	0.286	0.03 (-0.03, 0.10)	0.009	0.042	0.827	0.01 (-0.07, 0.09)
17224_12	OGN	MIME	226	-0.041	0.019	0.029	-0.04 (-0.08, -4.23e-03	0.287	0.493	-0.029	0.037	0.446	-0.03 (-0.10, 0.04)	-0.001	0.713	-0.074	0.033	0.025	-0.07 (-0.14, -0.01)	-0.070	0.041	0.087	-0.07 (-0.15, 0.01)
18261_34	NATD1	NATD1	226	-0.046	0.021	0.029	-0.05 (-0.09, -4.85e-03	0.287	0.038	-0.061	0.043	0.156	-0.06 (-0.14, 0.02)	0.001	0.698	-0.030	0.038	0.424	-0.03 (-0.10, 0.04)	-0.049	0.039	0.209	-0.05 (-0.12, 0.03)
7881_244	PARP16	PAR16	226	0.045	0.021	0.029	0.05 (4.70e-03, 0.09)	0.287	0.025	0.006	0.042	0.882	0.01 (-0.08, 0.09)	0.002	0.281	0.021	0.041	0.616	0.02 (-0.06, 0.10)	0.013	0.043	0.766	0.01 (-0.07, 0.10)
9392_43	MGAT4A	MGT4A	226	0.042	0.019	0.029	0.04 (4.37e-03, 0.08)	0.287	0.468	0.011	0.039	0.770	0.01 (-0.06, 0.09)	0.002	0.364	0.041	0.037	0.274	0.04 (-0.03, 0.11)	0.023	0.041	0.581	0.02 (-0.06, 0.10)
10485_56	MAGEA4	MAGE-4	226	0.043	0.020	0.029	0.04 (4.27e-03, 0.08)	0.287	0.691	0.053	0.039	0.183	0.05 (-0.02, 0.13)	-0.001	0.771	0.005	0.036	0.888	0.01 (-0.07, 0.08)	0.029	0.041	0.480	0.03 (-0.05, 0.11)
11237_49	PCOLCE	PCOC1	226	-0.047	0.021	0.029	-0.05 (-0.09, -4.71e-03	0.287	0.004	-0.027	0.043	0.536	-0.03 (-0.11, 0.06)	-0.001	0.596	0.004	0.031	0.897	4.06e-03 (-0.06, 0.0	0.016	0.040	0.695	0.02 (-0.06, 0.09)
11348_132	P4HA2	P4HA2	226	0.041	0.019	0.030	0.04 (4.11e-03, 0.08)	0.287	0.116	0.076	0.040	0.063	0.08 (-3.70e-03, 0.15)	-0.002	0.332	0.012	0.033	0.723	0.01 (-0.05, 0.08)	0.023	0.041	0.567	0.02 (-0.06, 0.10)
12527_50	THRA	THA	226	0.040	0.018	0.030	0.04 (3.96e-03, 0.08)	0.287	0.224	0.010	0.038	0.791	0.01 (-0.06, 0.09)	0.002	0.370	0.002	0.034	0.962	1.61e-03 (-0.07, 0.0	0.023	0.040	0.571	0.02 (-0.06, 0.10)
12750_9	ITGB2	LFA-1 beta-	226	0.043	0.020	0.030	0.04 (4.23e-03, 0.08)	0.287	0.335	-0.003	0.040	0.948	-2.61e-03 (-0.08, 0.08)	0.003	0.195	-0.010	0.036	0.790	-0.01 (-0.08, 0.06)	-0.021	0.041	0.606	-0.02 (-0.10, 0.06)
13387_55	EHF	EHF	226	0.042	0.020	0.030	0.04 (4.10e-03, 0.08)	0.287	0.243	0.056	0.041	0.167	0.06 (-0.02, 0.14)	-0.001	0.691	0.042	0.040	0.297	0.04 (-0.04, 0.12)	0.048	0.037	0.199	0.05 (-0.03, 0.12)
14593_152	FAM210A	F210A	226	0.040	0.018	0.030	0.04 (3.87e-03, 0.08)	0.287	0.107	0.010	0.039	0.793	0.01 (-0.07, 0.09)	0.002	0.386	0.011	0.034	0.751	0.01 (-0.06, 0.08)	0.024	0.042	0.565	0.02 (-0.06, 0.11)
15527_90	DLD	DLDH	226	-0.040	0.019	0.029	-0.04 (-0.08, -4.08e-03	0.287	0.134	-0.030	0.039	0.450	-0.03 (-0.11, 0.05)	-0.001	0.757	-0.090	0.034	0.009	-0.09 (-0.16, -0.02)	-0.075	0.037	0.043	-0.07 (-0.15, -2.68e-03)
15594_47	HTRA1	HTRA1	226	0.045	0.020	0.029	0.04 (4.53e-03, 0.08)	0.287	0.024	-0.059	0.041	0.149	-0.06 (-0.14, 0.02)	0.006	0.004	-0.008	0.030	0.785	-0.01 (-0.07, 0.05)	-0.050	0.041	0.224	-0.05 (-0.13, 0.03)
2944_66	NBL1	DAN	226	-0.041	0.019	0.030	-0.04 (-0.08, -3.98e-03	0.287	0.115	-0.073	0.041	0.073	-0.07 (-0.15, 0.01)	0.002	0.370	-0.049	0.039	0.208	-0.05 (-0.12, 0.03)	-0.089	0.039	0.023	-0.09 (-0.16, -0.01)
3431_54	EPHA1	EphA1	226	0.040	0.019	0.029	0.04 (4.13e-03, 0.08)	0.287	0.391	0.021	0.038	0.586	0.02 (-0.05, 0.09)	0.001	0.546	0.080	0.033	0.017	0.08 (0.01, 0.14)	0.066	0.043	0.120	0.07 (-0.02, 0.15)
3605_77	MASP1	MASP3	226	0.045	0.021	0.030	0.05 (4.42e-03, 0.09)	0.287	0.041	0.014	0.042	0.735	0.01 (-0.07, 0.10)	0.002	0.395	0.026	0.039	0.512	0.03 (-0.05, 0.10)	0.036	0.041	0.371	0.04 (-0.04, 0.12)
4459_68	PCSK7	PCSK7	226	0.045	0.021	0.029	0.04 (4.51e-03, 0.09)	0.287	0.043	0.064	0.042	0.128	0.06 (-0.02, 0.15)	-0.001	0.606	0.016	0.037	0.676	0.02 (-0.06, 0.09)	0.037	0.042	0.385	0.04 (-0.05, 0.12)
6260_14	TNC	Tenascin	226	-0.046	0.021	0.030	-0.05 (-0.09, -4.54e-03	0.287	0.004	-0.055	0.043	0.203	-0.06 (-0.14, 0.03)	0.001	0.818	-0.072	0.040	0.074	-0.07 (-0.15, 0.01)	-0.083	0.040	0.038	-0.08 (-0.16, -4.91e-03)
6631_17	COL9A1	CO9A1	226	0.040	0.018	0.030	0.04 (3.88e-03, 0.08)	0.287	0.517	0.026	0.037	0.477	0.03 (-0.05, 0.10)	0.001	0.673	-0.009	0.033	0.774	-0.01 (-0.07, 0.05)	-0.007	0.040	0.871	-0.01 (-0.09, 0.07)
6947_4	ST3GAL6	SIA10	226	-0.048	0.022	0.030	-0.05 (-0.09, -4.60e-03	0.287	0.002	0.010	0.044	0.822	0.01 (-0.08, 0.10)	-0.004	0.134	-0.063	0.038	0.095	-0.06 (-0.14, 0.01)	-0.055	0.040	0.178	-0.05 (-0.13, 0.02)
7993_23	ASTL	ASTL	226	0.043	0.019	0.029	0.04 (4.33e-03, 0.08)	0.287	0.644	0.062	0.039	0.115	0.06 (-0.01, 0.14)	-0.001	0.565	0.034	0.039	0.376	0.03 (-0.04, 0.11)	0.049	0.044	0.261	0.05 (-0.04, 0.13)
8815_1	OLFML1	OLFL1	226	-0.042	0.020	0.030	-0.04 (-0.08, -4.17e-03	0.287	0.938	-0.018	0.039	0.641	-0.02 (-0.10, 0.06)	-0.002	0.482	0.006	0.037	0.868	0.01 (-0.07, 0.08)	0.003	0.043	0.952	2.55e-03 (-0.08, 0.09)
8867_18	PAEP	Glycodelin	226	0.040	0.018	0.029	0.04 (4.05e-03, 0.08)	0.287	0.798	0.023	0.037	0.536	0.02 (-0.05, 0.10)	0.001	0.594	0.024	0.034	0.476	0.02 (-0.04, 0.09)	0.043	0.040	0.279	0.04 (-0.03, 0.12)
9089_77	JPH3	JPH3	226	0.042	0.019	0.030	0.04 (4.05e-03, 0.08)	0.287	0.113	0.025	0.041	0.533	0.03 (-0.05, 0.11)	0.001	0.649	-0.014	0.031	0.662	-0.01 (-0.08, 0.05)	-0.060	0.043	0.162	-0.06 (-0.14, 0.02)
9266_1	TREM1	sTREM-1	226	-0.045	0.021	0.030	-0.04 (-0.08, -4.32e-03	0.287	0.005	-0.058	0.042	0.163	-0.06 (-0.14, 0.02)	0.001	0.710	-0.055	0.039	0.162	-0.06 (-0.13, 0.02)	-0.051	0.035	0.147	-0.05 (-0.12, 0.02)
9830_109	VAV3	VAV3	226	0.044	0.020	0.030	0.04 (4.31e-03, 0.08)	0.287	0.011	0.008	0.041	0.854	0.01 (-0.07, 0.09)	0.002	0.304	-0.009	0.032	0.771	-0.01 (-0.07, 0.05)	-0.027	0.042	0.523	-0.03 (-0.11, 0.06)
17682_1	CD46	CD46	226	-0.051	0.024	0.030	-0.05 (-0.10, -4.80e-03	0.290	1.05E-05	-0.055	0.047	0.250	-0.05 (-0.15, 0.04)	0.000	0.925	-0.051	0.043	0.230	-0.05 (-0.13, 0.03)	-0.056	0.040	0.157	-0.06 (-0.13, 0.02)
11208_15	NAGPA	NAGPA	226	-0.040	0.019	0.031	-0.04 (-0.08, -3.75e-03	0.291	0.108	0.056	0.039	0.150	0.06 (-0.02, 0.13)	-0.006	0.005	-0.002	0.032	0.956	-1.76e-03 (-0.06, 0.0	0.029	0.044	0.507	0.03 (-0.06, 0.12)
5508_62	CTSD	Cathepsin	226	0.045	0.021	0.031	0.04 (4.16e-03, 0.09)	0.292	0.011	0.077	0.042	0.068	0.08 (-0.01, 0.16)	-0.002	0.382	0.033	0.039	0.394	0.03 (-0.04, 0.11)	0.040	0.037	0.277	0.04 (-0.03, 0.11)
16754_40	CASK	CSKP	226	0.042	0.020	0.031	0.04 (3.88e-03, 0.08)	0.292	0.248	-0.003	0.040	0.941	-3.01e-03 (-0.08, 0.08)	0.003	0.200	0.035	0.040	0.383	0.03 (-0.04, 0.11)	0.036	0.041	0.392	0.04 (-0.05, 0.12)
10637_50	KIAA1324	K1324	226	-0.040	0.018	0.031	-0.04 (-0.08, -3.53e-03	0.296	0.133	0.013	0.039	0.744	0.01 (-0.06, 0.09)	-0.003	0.122	0.003	0.033	0.930	2.94e-03 (-0.06, 0.0	0.013	0.043	0.769	0.01 (-0.07, 0.10)
9043_7	TFIP11	TFP11	226	0.042	0.020	0.031	0.04 (3.76e-03, 0.08)	0.296	0.104	-0.010	0.042	0.801	-0.01 (-0.09, 0.07)	0.003	0.146	0.006	0.038	0.875	0.01 (-0.07, 0.08)	0.028	0.042	0.506	0.03 (-0.05, 0.11)
6151_18	MAP2K3	MP2K3	226	0.039	0.018	0.032	0.04 (3.45e-03, 0.07)	0.296	0.198	0.037	0.038	0.334	0.04 (-0.04, 0.11)	0.000	0.947	0.000	0.029	1.000	0.00e+00 (-0.06, 0.0	-0.016	0.040	0.686	-0.02 (-0.10, 0.06)
7976_19	FRRS1L	FRS1L	226	0.042	0.020	0.032	0.04 (3.72e-03, 0.08)	0.296	0.098	0.044	0.042	0.296	0.04 (-0.04, 0.13)	0.000	0.961	0.077	0.039	0.046	0.08 (1.23e-03, 0.15	0.052	0.043	0.224	0.05 (-0.03, 0.14)
17170_15	CALCB	CALCB	226	-0.044	0.021	0.032	-0.04 (-0.08, -3.87e-03	0.298	0.044	-0.018	0.042	0.665	-0.02 (-0.10, 0.06)	-0.002	0.468	0.000	0.036	0.996	1.80e-04 (-0.07, 0.0	-0.018	0.041	0.661	-0.02 (-0.10, 0.06)
6368_9	CSTL1	CST1L	226	0.039	0.018	0.032	0.04 (3.39e-03, 0.07)	0.298	0.709	0.035	0.037	0.345	0.03 (-0.04, 0.11)	0.000	0.891	0.022	0.029	0.439	0.02 (-0.03, 0.08)	0.005	0.041	0.905	4.95e-03 (-0.08, 0.09)
6536_54	PLBD2	LAML2	226	0.041	0.019	0.032	0.04 (3.53e-03, 0.08)	0.298	0.096	0.000	0.041	0.991	4.81e-04 (-0.08, 0.08)	0.003	0.254	0.020	0.037	0.588	0.02 (-0.05, 0.09)	0.044	0.045	0.330	0.04 (-0.04, 0.13)
12572_236	EFS	EFS	226	0.046	0.022	0.032	0.05 (3.91e-03, 0.09)	0.301	0.001	-0.023	0.044	0.598	-0.02 (-0.11, 0.06)	0.004	0.068	0.007	0.035	0.847	0.01 (-0.06, 0.08)	0.031	0.041	0.444	0.03 (-0.05, 0.11)
7142_5	CPN1	CBPN	226	0.041	0.019	0.032	0.04 (3.48e-03, 0.08)	0.301	0.259	0.011	0.040	0.787	0.01 (-0.07, 0.09)	0.002	0.381	0.038	0.040	0.334	0.04 (-0.04, 0.12)	0.032	0.040	0.429	0.03 (-0.05, 0.11)
17148_7	BLVRB	BLVRB	226	-0.041	0.019	0.033	-0.04 (-0.08, -3.35e-03	0.303	0.260	-0.054	0.040	0.173	-0.05 (-0.13, 0.02)	0.001	0.697	-0.086	0.039	0.028	-0.09 (-0.16, -0.01)	-0.077	0.041	0.061	-0.08 (-0.16, 3.25e-03)
19170_25	POLE3	DPOE3	226	0.040	0.019	0.033	0.04 (3.23e-03, 0.08)	0.303	0.236	0.030	0.039	0.442	0.03 (-0.05, 0.11)	0.001	0.771	0.014	0.029	0.644	0.01 (-0.04, 0.07)	-0.041	0.042	0.320	-0.04 (-0.12, 0.04)
2687_2	MIA	MIA	226	-0.041	0.019	0.033	-0.04 (-0.08, -3.42e-03	0.303	0.190	0.037	0.040	0.353	0.04 (-0.04, 0.12)	-0.005	0.025	0.026	0.035	0.460	0.03 (-0.04, 0.10)	0.010	0.039	0.789	0.01 (-0.07, 0.09)
4965_27	ATP5B	ATP syntha	226	0.046	0.021	0.033	0.05 (3.74e-03, 0.09)	0.303	0.011	-0.023	0.043	0.601	-0.02 (-0.11, 0.06)	0.004	0.069	0.032	0.034	0.350	0.03 (-0.03, 0.10)	0.005	0.046	0.910	0.01 (-0.09, 0.10)
5340_24	CASP10	Caspase-1	226	0.039	0.019	0.033	0.04 (3.21e-03, 0.08)	0.303	0.211	0.027	0.039	0.481	0.03 (-0.05, 0.10)	0.001	0.718	0.016	0.034	0.635	0.02 (-0.05, 0.08)	0.031	0.038	0.425	0.03 (-0.04, 0.11)
5611_56	DEFB108B	D108B	226	-0.042	0.019	0.033	-0.04 (-0.08, -3.41e-03	0.303	0.152	-0.031	0.041	0.447	-0.03 (-0.11, 0.05)	-0.001	0.776	-0.025	0.033	0.437	-0.03 (-0.09, 0.04)	-0.018	0.045	0.694	-0.02 (-0.10, 0.07)
15430_165	OPTC	OPT	226	0.042	0.019	0.033	0.04 (3.33e-03, 0.08)	0.304	0.193	0.002	0.041	0.959	2.11e-03 (-0.08, 0.08)	0.002	0.267	0.011	0.041	0.793	0.01 (-0.07, 0.09)	-0.003	0.041	0.945	-2.84e-03 (-0.08, 0.08)
10014_31	SNAI2	SLUG	226	0.041	0.019	0.033	0.04 (3.24e-03, 0.08)	0.304	0.604	0.027	0.039	0.482	0.03 (-0.05, 0.10)	0.001	0.685	0.041	0.032	0.190	0.04 (-0.02, 0.10)	0.057	0.042	0.178	0.06 (-0.03, 0.14)
5260_80	TYK2	TYK2	226	0.039	0.018	0.033	0.04 (3.12e-03, 0.08)	0.304	0.356	0.034	0.038	0.363	0.03 (-0.04, 0.11)	0.000	0.884	0.012	0.030	0.699	0.01 (-0.05, 0.07)	-0.010	0.040	0.797	-0.01 (-0.09, 0.07)
5756_66	PAPPA2	PAPP2	226	0.040	0.019	0.033	0.04 (3.18e-03, 0.08)	0.304	0.122	0.009	0.040	0.832	0.01 (-0.07, 0.09)	0.002	0.365	0.002	0.041	0.965	1.77e-03 (-0.08, 0.0	-0.027	0.044	0.546	-0.03 (-0.11, 0.06)
9947_22	TOPBP1	TOPB1	226	-0.041	0.019	0.033	-0.04 (-0.08, -3.23e-03	0.304	0.292	-0.041	0.040	0.301	-0.04 (-0.12, 0.04)	0.000	0.993	0.007	0.037	0.857	0.01 (-0.07, 0.08)	-0.005	0.035	0.895	-4.66e-03 (-0.07, 0.06)
10638_1	TINF2	TINF2	226	-0.042	0.020	0.034	-0.04 (-0.08, -3.20e-03	0.306	0.723	-0.013	0.039	0.735	-0.01 (-0.09, 0.06)	-0.002	0.410	-0.073	0.037	0.052	-0.07 (-0.15, 6.21e-0	-0.065	0.040	0.103	-0.07 (-0.14, 0.01)
14708_59	C8G	CO8G	226	-0.041	0.019	0.034	-0.04 (-0.08, -3.13e-03	0.306	0.097	-0.015	0.041	0.721	-0.01 (-0.09, 0.07)	-0.002	0.465	-0.025	0.040	0.528	-0.03 (-0.10, 0.05)	-0.019	0.041	0.651	-0.02 (-0.10, 0.06)
15426_5	NEU1	NEUR1	226	0.046	0.022	0.034	0.05 (3.51e-03, 0.09)	0.306	1.80E-04	0.027	0.043	0.532	0.03 (-0.06, 0.11)	0.001	0.623	0.036	0.039	0.363	0.04 (-0.04, 0.11)	0.029	0.038	0.455	0.03 (-0.05, 0.10)
4278_14	P4HB	Protein disu	226	-0.040	0.019	0.034	-0.04 (-0.08, -3.09e-03	0.306	0.612	-0.025	0.038	0.511	-0.03 (-0.10, 0.05)	-0.001	0.649	-0.027	0.039	0.482	-0.03 (-0.10, 0.05)	-0.029	0.039	0.455	-0.03 (-0.11, 0.05)
5637_81	NTNG1	NTNG1	226	-0.040	0.019	0.034	-0.04 (-0.08, -3.07e-03	0.306	0.489	0.026	0.038	0.496	0.03 (-0.05, 0.10)	-0.004	0.047	-0.011	0.032	0.723	-0.01 (-0.08, 0.05)	0.000	0.038	0.997	1.43e-04 (-0.07, 0.07)
4915_64	HBA1	Hemoglobi	226	-0.041	0.019	0.034	-0.04 (-0.08, -3.08e-03	0.306	0.312	0.015	0.039	0.700	0.02 (-0.06, 0.09)	-0.003	0.104	-0.056	0.041	0.177	-0.06 (-0.14, 0.03)	-0.061	0.045	0.177	-0.06 (-0.15, 0.03)
4480_59	C3	C3b	226	0.038	0.018	0.034	0.04 (2.88e-03, 0.07)	0.307	0.092	-0.037	0.038	0.339	-0.04 (-0.11, 0.04)	0.005	0.025	0.030	0.032	0.350	0.03 (-0.03, 0.09)	0.021	0.040	0.594	0.02 (-0.06, 0.10)
19491_11	HSD17B8	DHB8	226	0.052	0.025	0.035	0.05 (3.80e-03, 0.10)	0.308	3.26E-11	0.032	0.050	0.517	0.03 (-0.07, 0.13)	0.001	0.647	0.074	0.036	0.037	0.07 (4.65e-03, 0.1	0.057	0.038	0.137	0.06 (-0.02, 0.13)
3422_4	CDC2	CDK1/cycli	226	0.038	0.018	0.035	0.04 (2.79e-03, 0.07)	0.308	0.101	0.021	0.039	0.595	0.02 (-0.06, 0.10)	0.001	0.598	-0.023	0.032	0.480	-0.02 (-0.09, 0.04)	-0.019	0.041	0.645	-0.02 (-0.10, 0.06)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
8006_12	DNAJB12	DJB12	226	-0.040	0.019	0.034	-0.04 (-0.08, -2.93e-03	0.308	0.427	-0.035	0.038	0.367	-0.03 (-0.11, 0.04)	0.000	0.874	-0.044	0.039	0.257	-0.04 (-0.12, 0.03)	-0.051	0.040	0.197	-0.05 (-0.13, 0.03)
9191_8	TFF2	Trefoil facto	226	-0.039	0.018	0.034	-0.04 (-0.07, -2.83e-03	0.308	0.102	-0.041	0.039	0.299	-0.04 (-0.12, 0.04)	0.000	0.953	-0.031	0.030	0.296	-0.03 (-0.09, 0.03)	-0.008	0.041	0.854	-0.01 (-0.09, 0.07)
9211_19	SERPINF1	PEDF	226	0.039	0.018	0.034	0.04 (2.82e-03, 0.07)	0.308	0.277	-0.034	0.037	0.366	-0.03 (-0.11, 0.04)	0.005	0.027	-0.016	0.030	0.603	-0.02 (-0.07, 0.04)	-0.031	0.041	0.445	-0.03 (-0.11, 0.05)
10342_55	PIAS4	PIAS4	226	0.041	0.020	0.035	0.04 (2.89e-03, 0.08)	0.309	0.084	0.010	0.042	0.805	0.01 (-0.07, 0.09)	0.002	0.397	0.003	0.040	0.947	2.62e-03 (-0.08, 0.0	0.006	0.044	0.901	0.01 (-0.08, 0.09)
11192_168	TINAGL1	TINAL	226	-0.048	0.023	0.035	-0.05 (-0.09, -3.39e-03	0.309	3.19E-06	0.014	0.046	0.769	0.01 (-0.08, 0.10)	-0.004	0.123	-0.031	0.039	0.435	-0.03 (-0.11, 0.05)	-0.042	0.044	0.335	-0.04 (-0.13, 0.04)
11440_58	SOCS3	SOCS-3	226	0.039	0.019	0.035	0.04 (2.80e-03, 0.08)	0.309	0.178	0.022	0.039	0.585	0.02 (-0.06, 0.10)	0.001	0.600	0.024	0.037	0.506	0.02 (-0.05, 0.10)	0.051	0.041	0.210	0.05 (-0.03, 0.13)
15326_64	GBP1	GBP1	226	0.046	0.022	0.035	0.05 (3.24e-03, 0.09)	0.309	0.002	0.078	0.044	0.075	0.08 (-0.01, 0.16)	-0.002	0.394	0.041	0.042	0.330	0.04 (-0.04, 0.12)	0.059	0.047	0.207	0.06 (-0.03, 0.15)
17822_57	RERG	RERG	226	0.041	0.019	0.035	0.04 (2.93e-03, 0.08)	0.309	0.173	0.035	0.041	0.397	0.03 (-0.05, 0.11)	0.000	0.859	0.044	0.040	0.270	0.04 (-0.03, 0.12)	0.062	0.040	0.126	0.06 (-0.02, 0.14)
5459_33	CST1	CYTN	226	-0.041	0.019	0.035	-0.04 (-0.08, -2.86e-03	0.309	0.728	0.010	0.039	0.808	0.01 (-0.07, 0.09)	-0.003	0.138	-0.027	0.040	0.508	-0.03 (-0.11, 0.05)	-0.019	0.041	0.642	-0.02 (-0.10, 0.06)
6252_62	SCGB3A1	Secretoglob	226	-0.040	0.019	0.035	-0.04 (-0.08, -2.77e-03	0.309	0.123	-0.037	0.040	0.357	-0.04 (-0.12, 0.04)	0.000	0.937	-0.039	0.040	0.332	-0.04 (-0.12, 0.04)	-0.042	0.039	0.288	-0.04 (-0.12, 0.03)
9901_28	EGLN1	EGLN1	226	0.040	0.019	0.035	0.04 (2.81e-03, 0.08)	0.309	0.435	0.048	0.039	0.219	0.05 (-0.03, 0.12)	0.000	0.824	0.017	0.040	0.660	0.02 (-0.06, 0.09)	0.013	0.039	0.740	0.01 (-0.06, 0.09)
13507_51	TRADD	TRADD	226	0.045	0.021	0.035	0.04 (3.10e-03, 0.09)	0.309	0.029	0.024	0.043	0.575	0.02 (-0.06, 0.11)	0.001	0.579	0.039	0.040	0.328	0.04 (-0.04, 0.12)	0.048	0.042	0.253	0.05 (-0.03, 0.13)
5035_7	TYMS	TS	226	-0.041	0.019	0.035	-0.04 (-0.08, -2.81e-03	0.309	0.797	0.025	0.039	0.525	0.02 (-0.05, 0.10)	-0.004	0.054	-0.023	0.034	0.498	-0.02 (-0.09, 0.04)	-0.028	0.041	0.494	-0.03 (-0.11, 0.05)
5690_49	TUFT1	TUFT1	226	0.039	0.018	0.035	0.04 (2.67e-03, 0.07)	0.309	0.466	0.039	0.037	0.295	0.04 (-0.03, 0.11)	0.000	0.992	0.001	0.035	0.967	1.45e-03 (-0.07, 0.0	0.000	0.038	0.990	-4.84e-04 (-0.08, 0.07)
15388_24	FCGR3A	FcRIIIa	226	0.041	0.020	0.035	0.04 (2.80e-03, 0.08)	0.309	0.605	0.089	0.040	0.025	0.09 (0.01, 0.17)	-0.003	0.162	0.036	0.040	0.361	0.04 (-0.04, 0.11)	0.051	0.040	0.198	0.05 (-0.03, 0.13)
8897_3	LRRC37A2	L37A2	226	0.041	0.020	0.035	0.04 (2.80e-03, 0.08)	0.309	0.113	0.021	0.042	0.606	0.02 (-0.06, 0.10)	0.001	0.588	0.068	0.038	0.071	0.07 (-0.01, 0.14)	0.038	0.044	0.391	0.04 (-0.05, 0.12)
12452_32	SUV420H2	SV422	226	0.041	0.020	0.036	0.04 (2.66e-03, 0.08)	0.310	0.464	0.020	0.040	0.615	0.02 (-0.06, 0.10)	0.001	0.540	0.068	0.037	0.070	0.07 (-0.01, 0.14)	0.049	0.044	0.268	0.05 (-0.04, 0.14)
18917_53	AMY2A	Pancreatic	226	-0.052	0.025	0.036	-0.05 (-0.10, -3.44e-03	0.310	4.00E-09	0.052	0.050	0.300	0.05 (-0.05, 0.15)	-0.006	0.017	-0.007	0.040	0.868	-0.01 (-0.08, 0.07)	0.000	0.041	0.998	1.09e-04 (-0.08, 0.08)
18934_50	TGM2	Tissue trans	226	-0.040	0.019	0.036	-0.04 (-0.08, -2.62e-03	0.310	0.666	-0.032	0.039	0.403	-0.03 (-0.11, 0.04)	0.000	0.814	-0.081	0.039	0.041	-0.08 (-0.16, -3.47e-	-0.082	0.043	0.058	-0.08 (-0.17, 2.27e-03)
7003_4	GALNT10	GLT10	226	-0.041	0.020	0.036	-0.04 (-0.08, -2.68e-03	0.310	0.329	0.042	0.040	0.294	0.04 (-0.04, 0.12)	-0.005	0.017	0.015	0.034	0.647	0.02 (-0.05, 0.08)	0.020	0.039	0.606	0.02 (-0.06, 0.10)
7826_1	DCLK3	DCLK3	226	-0.043	0.021	0.036	-0.04 (-0.08, -2.84e-03	0.310	0.047	0.043	0.041	0.291	0.04 (-0.04, 0.12)	-0.005	0.016	0.020	0.033	0.534	0.02 (-0.04, 0.08)	0.045	0.042	0.281	0.05 (-0.04, 0.13)
7867_154	ST6GALNA	SIA7A	226	0.041	0.020	0.036	0.04 (2.67e-03, 0.08)	0.310	0.054	0.002	0.042	0.961	2.09e-03 (-0.08, 0.09)	0.002	0.291	0.044	0.040	0.278	0.04 (-0.04, 0.12)	0.041	0.043	0.347	0.04 (-0.04, 0.13)
9332_6	DEFB136	DB136	226	-0.041	0.020	0.036	-0.04 (-0.08, -2.73e-03	0.310	0.647	-0.082	0.039	0.038	-0.08 (-0.16, -4.84e-03)	0.003	0.232	-0.090	0.033	0.007	-0.09 (-0.15, -0.02)	-0.114	0.045	0.012	-0.11 (-0.20, -0.03)
9359_9	DLK2	EGFL9	226	-0.043	0.020	0.036	-0.04 (-0.08, -2.83e-03	0.310	0.028	0.025	0.041	0.533	0.03 (-0.05, 0.11)	-0.004	0.055	0.001	0.035	0.975	1.10e-03 (-0.07, 0.0	-0.002	0.039	0.956	-2.19e-03 (-0.08, 0.07)
12820_1	GRAP	GRAP	226	0.038	0.018	0.036	0.04 (2.40e-03, 0.07)	0.311	0.200	0.010	0.038	0.793	0.01 (-0.06, 0.08)	0.002	0.396	-0.004	0.032	0.907	-3.74e-03 (-0.07, 0.0	-0.003	0.039	0.943	-2.80e-03 (-0.08, 0.07)
8853_2	CLEC4A	CLC4A	226	0.045	0.022	0.036	0.05 (2.87e-03, 0.09)	0.311	0.014	0.067	0.043	0.123	0.07 (-0.02, 0.15)	-0.001	0.556	0.049	0.044	0.263	0.05 (-0.04, 0.14)	0.043	0.050	0.391	0.04 (-0.06, 0.14)
9370_69	GGH	GGH	226	0.049	0.024	0.036	0.05 (3.12e-03, 0.10)	0.311	5.49E-06	-0.032	0.047	0.495	-0.03 (-0.12, 0.06)	0.005	0.047	0.000	0.041	0.999	5.96e-05 (-0.08, 0.0	-0.025	0.038	0.516	-0.02 (-0.10, 0.05)
13669_6	FGFR3	FGFR-3	226	-0.039	0.019	0.036	-0.04 (-0.08, -2.43e-03	0.312	0.526	0.000	0.037	0.996	-1.69e-04 (-0.07, 0.07)	-0.002	0.234	0.010	0.031	0.733	0.01 (-0.05, 0.07)	0.020	0.043	0.642	0.02 (-0.06, 0.10)
4549_78	FUT5	FUT5	226	-0.039	0.019	0.037	-0.04 (-0.08, -2.43e-03	0.312	0.131	-0.014	0.039	0.719	-0.01 (-0.09, 0.06)	-0.002	0.472	-0.013	0.031	0.684	-0.01 (-0.07, 0.05)	0.006	0.042	0.888	0.01 (-0.08, 0.09)
5644_60	RNASE4	RNAS4	226	-0.044	0.021	0.037	-0.04 (-0.08, -2.69e-03	0.313	0.011	-0.033	0.042	0.440	-0.03 (-0.12, 0.05)	-0.001	0.764	-0.018	0.038	0.637	-0.02 (-0.09, 0.06)	-0.015	0.043	0.734	-0.01 (-0.10, 0.07)
11825_27	PPARGC1A	PRGC1	226	0.040	0.019	0.037	0.04 (2.35e-03, 0.08)	0.317	0.453	0.017	0.039	0.656	0.02 (-0.06, 0.09)	0.001	0.503	0.023	0.041	0.575	0.02 (-0.06, 0.10)	0.024	0.041	0.550	0.02 (-0.06, 0.10)
7106_37	OOSP2	PLACL	226	0.039	0.019	0.038	0.04 (2.23e-03, 0.08)	0.318	0.470	0.060	0.038	0.112	0.06 (-0.01, 0.13)	-0.001	0.514	0.018	0.034	0.590	0.02 (-0.05, 0.08)	0.014	0.042	0.731	0.01 (-0.07, 0.10)
9231_23	IMPAD1	IMPA3	226	-0.046	0.022	0.038	-0.05 (-0.09, -2.65e-03	0.318	4.23E-06	0.027	0.045	0.547	0.03 (-0.06, 0.11)	-0.005	0.060	-0.029	0.031	0.341	-0.03 (-0.09, 0.03)	0.006	0.041	0.891	0.01 (-0.07, 0.09)
9361_7	PCDHAC2	PCDC2	226	-0.040	0.019	0.038	-0.04 (-0.08, -2.30e-03	0.318	0.069	0.028	0.041	0.494	0.03 (-0.05, 0.11)	-0.004	0.058	0.019	0.036	0.604	0.02 (-0.05, 0.09)	0.028	0.039	0.472	0.03 (-0.05, 0.10)
10424_31	NPDC1	NPDC1	226	-0.039	0.019	0.038	-0.04 (-0.08, -2.14e-03	0.319	0.141	-0.028	0.040	0.488	-0.03 (-0.11, 0.05)	-0.001	0.744	-0.009	0.035	0.803	-0.01 (-0.08, 0.06)	-0.021	0.038	0.574	-0.02 (-0.10, 0.05)
10815_2	HABP4	HABP4	226	0.040	0.019	0.038	0.04 (2.16e-03, 0.08)	0.319	0.568	-0.039	0.039	0.311	-0.04 (-0.12, 0.04)	0.005	0.019	0.021	0.037	0.574	0.02 (-0.05, 0.09)	0.024	0.040	0.555	0.02 (-0.05, 0.10)
12708_91	L3MBTL2	LMBL2	226	0.038	0.018	0.038	0.04 (2.04e-03, 0.07)	0.319	0.380	0.039	0.037	0.297	0.04 (-0.03, 0.11)	0.000	0.970	0.003	0.030	0.926	2.75e-03 (-0.06, 0.0	-0.026	0.043	0.545	-0.03 (-0.11, 0.06)
13614_6	CREBBP	CREB-bind	226	0.040	0.019	0.038	0.04 (2.26e-03, 0.08)	0.319	0.312	-0.059	0.039	0.131	-0.06 (-0.14, 0.02)	0.006	0.004	-0.013	0.032	0.682	-0.01 (-0.08, 0.05)	-0.068	0.043	0.119	-0.07 (-0.15, 0.02)
17175_5	MAP2K6	MP2K6	226	0.039	0.019	0.038	0.04 (2.16e-03, 0.08)	0.319	0.944	0.056	0.038	0.139	0.06 (-0.02, 0.13)	-0.001	0.601	0.004	0.033	0.907	3.88e-03 (-0.06, 0.0	0.001	0.042	0.989	5.93e-04 (-0.08, 0.08)
17796_15	IMPA1	IMPA1	226	-0.040	0.019	0.038	-0.04 (-0.08, -2.13e-03	0.319	0.566	-0.007	0.039	0.866	-0.01 (-0.08, 0.07)	-0.002	0.323	-0.066	0.038	0.084	-0.07 (-0.14, 0.01)	-0.069	0.042	0.101	-0.07 (-0.15, 0.01)
18257_64	SRP19	SRP19	226	0.043	0.021	0.039	0.04 (2.24e-03, 0.08)	0.319	0.048	-0.022	0.041	0.588	-0.02 (-0.10, 0.06)	0.004	0.071	-0.011	0.035	0.744	-0.01 (-0.08, 0.06)	-0.003	0.042	0.946	-2.86e-03 (-0.09, 0.08)
5430_66	SIRPA	SHPS1	226	-0.040	0.019	0.038	-0.04 (-0.08, -2.17e-03	0.319	0.219	0.027	0.040	0.510	0.03 (-0.05, 0.11)	-0.004	0.057	-0.004	0.037	0.905	-4.46e-03 (-0.08, 0.0	-0.013	0.042	0.765	-0.01 (-0.09, 0.07)
5463_22	GAS1	GAS1	226	-0.038	0.018	0.039	-0.04 (-0.07, -2.00e-03	0.319	0.271	0.009	0.038	0.821	0.01 (-0.07, 0.08)	-0.003	0.158	-0.019	0.036	0.600	-0.02 (-0.09, 0.05)	-0.026	0.039	0.507	-0.03 (-0.10, 0.05)
6290_3	UTS2B	UTS2B	226	0.039	0.019	0.038	0.04 (2.12e-03, 0.07)	0.319	0.264	0.025	0.039	0.518	0.02 (-0.05, 0.10)	0.001	0.686	0.013	0.030	0.676	0.01 (-0.05, 0.07)	-0.005	0.041	0.911	-4.61e-03 (-0.09, 0.08)
7962_11	SPINK8	ISK8	226	0.040	0.019	0.038	0.04 (2.18e-03, 0.08)	0.319	0.276	0.035	0.040	0.376	0.04 (-0.04, 0.11)	0.000	0.896	0.024	0.032	0.454	0.02 (-0.04, 0.09)	0.013	0.042	0.753	0.01 (-0.07, 0.10)
8035_6	C1orf198	CA198	226	0.042	0.021	0.039	0.04 (2.23e-03, 0.08)	0.319	0.047	0.066	0.041	0.114	0.07 (-0.02, 0.15)	-0.001	0.521	0.010	0.033	0.768	0.01 (-0.06, 0.07)	0.012	0.037	0.752	0.01 (-0.06, 0.09)
8998_15	HS3ST4	HS3S4	226	-0.040	0.020	0.038	-0.04 (-0.08, -2.16e-03	0.319	0.318	0.019	0.040	0.637	0.02 (-0.06, 0.10)	-0.004	0.089	-0.007	0.032	0.837	-0.01 (-0.07, 0.06)	0.032	0.045	0.480	0.03 (-0.06, 0.12)
3585_54	BSG	BASI	226	-0.045	0.022	0.039	-0.05 (-0.09, -2.30e-03	0.321	0.001	-0.016	0.044	0.715	-0.02 (-0.10, 0.07)	-0.002	0.449	0.001	0.034	0.972	1.19e-03 (-0.07, 0.0	-0.007	0.044	0.870	-0.01 (-0.09, 0.08)
10734_339	GAL3ST2	G3ST2	226	0.040	0.020	0.039	0.04 (2.00e-03, 0.08)	0.322	0.240	0.003	0.041	0.943	2.89e-03 (-0.08, 0.08)	0.002	0.290	0.047	0.039	0.224	0.05 (-0.03, 0.12)	0.049	0.044	0.262	0.05 (-0.04, 0.13)
5353_89	IL1RN	IL-1Ra	226	0.040	0.019	0.039	0.04 (2.00e-03, 0.08)	0.322	0.182	0.002	0.041	0.968	1.64e-03 (-0.08, 0.08)	0.002	0.278	0.029	0.032	0.374	0.03 (-0.03, 0.09)	-0.010	0.042	0.812	-0.01 (-0.09, 0.07)
11708_2	LCN1	LCN1	226	-0.039	0.019	0.039	-0.04 (-0.08, -1.90e-03	0.322	0.477	0.055	0.038	0.150	0.06 (-0.02, 0.13)	-0.006	0.005	0.013	0.033	0.691	0.01 (-0.05, 0.08)	0.031	0.041	0.446	0.03 (-0.05, 0.11)
2634_2	IL2RG	IL-2 sRg	226	0.038	0.018	0.039	0.04 (1.85e-03, 0.07)	0.322	0.454	0.036	0.037	0.327	0.04 (-0.04, 0.11)	0.000	0.969	0.000	0.029	0.992	-2.89e-04 (-0.06, 0.0	-0.026	0.041	0.528	-0.03 (-0.11, 0.05)
6984_6	IGSF8	IGSF8	226	-0.039	0.019	0.039	-0.04 (-0.08, -1.92e-03	0.322	0.257	0.016	0.039	0.680	0.02 (-0.06, 0.09)	-0.003	0.106	-0.042	0.041	0.304	-0.04 (-0.12, 0.04)	-0.055	0.041	0.188	-0.05 (-0.14, 0.03)
12685_57	HOMER2	HOME2	226	0.039	0.019	0.040	0.04 (1.83e-03, 0.08)	0.324	0.228	0.001	0.039	0.983	8.44e-04 (-0.08, 0.08)	0.002	0.266	-0.001	0.032	0.963	-1.45e-03 (-0.06, 0.0	-0.031	0.038	0.418	-0.03 (-0.11, 0.04)
9168_31	CCL26	Eotaxin-3	226	0.039	0.019	0.040	0.04 (1.84e-03, 0.08)	0.324	0.273	0.012	0.039	0.765	0.01 (-0.06, 0.09)	0.002	0.424	0.020	0.037	0.583	0.02 (-0.05, 0.09)	0.028	0.039	0.473	0.03 (-0.05, 0.10)
16856_79	MAPRE2	MARE2	226	0.038	0.018	0.040	0.04 (1.73e-03, 0.07)	0.325	0.370	0.036	0.037	0.330	0.04 (-0.04, 0.11)	0.000	0.974	-0.010	0.033	0.769	-0.01 (-0.07, 0.05)	-0.019	0.039	0.619	-0.02 (-0.10, 0.06)
17137_160	HBB	Beta-globin	226	-0.040	0.019	0.040	-0.04 (-0.08, -1.78e-03	0.325	0.382	-0.059	0.039	0.133	-0.06 (-0.14, 0.02)	0.001	0.562	-0.027	0.040	0.490	-0.03 (-0.10, 0.05)	-0.033	0.041	0.416	-0.03 (-0.11, 0.05)
3202_28	KREMEN2	KREM2	226	0.038	0.019	0.040	0.04 (1.71e-03, 0.07)	0.325	0.356	0.016	0.038	0.680	0.02 (-0.06, 0.09)	0.001	0.498	0.009	0.032	0.765	0.01 (-0.05, 0.07)	-0.006	0.040	0.883	-0.01 (-0.09, 0.07)
3820_68	MAPKAPK2	MAPK2	226	0.037	0.018	0.040	0.04 (1.67e-03, 0.07)	0.325	0.214	0.035	0.038	0.347	0.04 (-0.04, 0.11)	0.000	0.965	-0.003	0.032	0.919	-3.23e-03 (-0.07, 0.0	-0.010	0.039	0.792	-0.01 (-0.09, 0.07)
9378_6	FIBCD1	FBCD1	226	0.040	0.019	0.040	0.04 (1.79e-03, 0.08)	0.325	0.571	0.005	0.039	0.896	0.01 (-0.07, 0.08)	0.002	0.308	0.001	0.039	0.974	1.25e-03 (-0.08, 0.0	-0.004	0.041	0.923	-3.92e-03 (-0.08, 0.08)
15526_33	GSS	GSHB	226	0.041	0.020	0.041	0.04 (1.77e-03, 0.08)	0.327	0.016	0.068	0.040	0.093	0.07 (-0.01, 0.15)	-0.002	0.440	0.016	0.032	0.616	0.02 (-0.05, 0.08)	0.017	0.039	0.671	0.02 (-0.06, 0.09)
18411_83	ARL15	ARL15	226	0.038	0.018	0.041	0.04 (1.61e-03, 0.07)	0.327	0.620	0.012	0.037	0.737	0.01 (-0.06, 0.09)	0.002	0.434	-0.012	0.032	0.700	-0.01 (-0.07, 0.05)	-0.063	0.044	0.149	-0.06 (-0.15, 0.02)
4133_54	GZMB	Granzyme B	226	0.038	0.019	0.040	0.04 (1.66e-03, 0.07)	0.327	0.469	0.070	0.038	0.065	0.07 (-4.03e-03, 0.14)	-0.002	0.335	0.036	0.038	0.335	0.04 (-0.04, 0.11)	0.049	0.037	0.194	0.05 (-0.02, 0.12)
5443_62	NPPA	ANP	226	-0.039	0.019	0.041	-0.04 (-0.08, -1.66e-03	0.327	0.443	0.008	0.038	0.843	0.01 (-0.07, 0.08)	-0.003	0.164	0.005	0.037	0.884	0.01 (-0.07, 0.08)	0.005	0.041	0.907	4.78e-03 (-0.08, 0.08)
3461_58	BCAN	PGCB	226	-0.044	0.022	0.041	-0.04 (-0.09, -1.85e-03	0.328	0.003	0.049	0.043	0.257	0.05 (-0.04, 0.13)	-0.006	0.013	-0.049	0.040	0.224	-0.05 (-0.13, 0.03)	-0.029	0.040	0.461	-0.03 (-0.11, 0.05)
4973_18	BIRC3	cIAP-2	226	0.039	0.019	0.041	0.04 (1.60e-03, 0.08)	0.329	0.764	0.048	0.039	0.214	0.05 (-0.03, 0.12)	-0.001	0.789	0.019	0.039	0.613	0.02 (-0.06, 0.09)	0.026	0.041	0.534	0.03 (-0.06, 0.11)
13561_5	HTR6	5HT6R	226	0.040	0.020	0.041	0.04 (1.62e-03, 0.08)	0.329	0.647	0.022	0.039	0.570	0.02 (-0.05, 0.10)	0.001	0.608	0.014	0.034	0.685	0.01 (-0.05, 0.08)	0.006	0.042	0.896	0.01 (-0.08, 0.09)
3091_70	AURKA	Aurora kina	226	0.040	0.020	0.041	0.04 (1.59e-03, 0.08)	0.329	0.400	-0.019	0.040	0.639	-0.02 (-0.10, 0.06)	0.004	0.090	0.029	0.038	0.454	0.03 (-0.05, 0.10)	0.039	0.044	0.367	0.04 (-0.05, 0.12)
15688_30	LMAN1	Mannose-b	226	-0.038	0.019	0.041	-0.04 (-0.07, -1.47e-03	0.330	0.464	-0.026	0.038	0.498	-0.03 (-0.10, 0.05)	-0.001	0.704	-0.003	0.031	0.927	-2.86e-03 (-0.06, 0.0	0.006	0.040	0.881	0.01 (-0.07, 0.08)
3028_36	CCL23	Ck-b-8-1	226	-0.038	0.019	0.041	-0.04 (-0.08, -1.50e-03	0.330	0.056	0.007	0.041	0.859	0.01 (-0.07, 0.09)	-0.003	0.198	0.013	0.036	0.728	0.01 (-0.06, 0.08)	0.011	0.046	0.804	0.01 (-0.08, 0.10)
8288_27	APOH	b2-Glycopro	226	-0.040	0.020	0.042	-0.04 (-0.08, -1.53e-03	0.330	0.259	-0.017	0.041	0.679	-0.02 (-0.10, 0.06)	-0.001	0.513	-0.030	0.042	0.479	-0.03 (-0.11, 0.05)	-0.029	0.044	0.510	-0.03 (-0.11, 0.06)
8922_4	TMCC3	TMCC3	226	0.090	0.044	0.042	0.09 (3.41e-03, 0.18)	0.330	5.98E-131	0.053	0.089	0.550	0.05 (-0.12, 0.23)	0.002	0.636	0.098	0.037	0.008	0.10 (0.03, 0.17)	0.103	0.040	0.010	0.10 (0.03, 0.18)
19280_29	UBE2D3	UB2D3	226	0.041	0.020	0.042	0.04 (1.48e-03, 0.08)	0.331	0.018	0.013	0.041	0.756	0.01 (-0.07, 0.09)	0.002	0.423	0.017	0.037	0.641	0.02 (-0.06, 0.09)	0.041	0.042	0.338	0.04 (-0.04, 0.12)
5738_25	TNC	Tenascin	226	-0.043	0.021	0.042	-0.04 (-0.08, -1.58e-03	0.331	0.005	-0.038	0.043	0.373	-0.04 (-0.12, 0.05)	0.000	0.894	-0.066	0.040	0.104	-0.07 (-0.14, 0.01)	-0.081	0.040	0.044	-0.08 (-0.16, -2.80e-03)
6923_1	PLOD2	PLOD2	226	0.047	0.023	0.042	0.05 (1.69e-03, 0.09)	0.331	1.13E-05	-0.019	0.046	0.676	-0.02 (-0.11, 0.07)	0.004	0.100	0.000	0.035	0.994	-2.68e-04 (-0.07, 0.0	-0.021	0.042	0.623	-0.02 (-0.10, 0.06)
8225_86	EPHB2	EPHB2	226	-0.041	0.020	0.042	-0.04 (-0.08, -1.52e-03	0.331	0.005	-0.041	0.041	0.312	-0.04 (-0.12, 0.04)	0.000	0.995	-0.073	0.038	0.051	-0.07 (-0.15, 2.85e-	-0.065	0.040	0.105	-0.06 (-0.14, 0.01)
12753_6	APBB2	APBB2	226	0.037	0.018	0.042	0.04 (1.31e-03, 0.07)	0.332	0.318	0.033	0.038	0.380	0.03 (-0.04, 0.11)	0.000	0.903	-0.014	0.032	0.653	-0.01 (-0.08, 0.05)	-0.031	0.040	0.442	-0.03 (-0.11, 0.05)
9040_144	EPDR1	EPDR1	226	0.038	0.019	0.042	0.04 (1.33e-03, 0.07)	0.332	0.228	0.039	0.039	0.314	0.04 (-0.04, 0.12)	0.000	0.967	0.044	0.039	0.260	0.04 (-0.03, 0.12)	0.055	0.042	0.190	0.05 (-0.03, 0.14)
17727_1	PTTG1	Securin	226	0.039	0.019	0.043	0.04 (1.31e-03, 0.08)	0.333	0.618	-0.013	0.039	0.741	-0.01 (-0.09, 0.06)	0.003	0.125	-0.003	0.037	0.944	-2.60e-03 (-0.08, 0.0	0.017	0.040	0.673	0.02 (-0.06, 0.09)
9185_15	TFF1	TFF1	226	-0.038	0.019	0.042	-0.04 (-0.07, -1.29e-03	0.333	0.084	-0.025	0.040	0.533	-0.03 (-0.10, 0.05)	-0.001	0.713	-0.021	0.038	0.574	-0.02 (-0.10, 0.05)	-0.035	0.041	0.399	-0.03 (-0.12, 0.05)
11510_31	APOL1	Apo L1	226	0.043	0.021	0.043	0.04 (1.42e-03, 0.08)	0.334	0.021	0.059	0.043	0.172	0.06 (-0.03, 0.14)	-0.001	0.674	0.015	0.038	0.690	0.02 (-0.06, 0.09)	0.006	0.038	0.867	0.01 (-0.07, 0.08)
17711_13	VAMP1	VAMP1	226	-0.040	0.020	0.043	-0.04 (-0.08, -1.29e-03	0.334	0.907	-0.017	0.039	0.662	-0.02 (-0.09, 0.06)	-0.001	0.513	-0.029	0.039	0.454	-0.03 (-0.10, 0.05)	-0.040	0.039	0.302	-0.04 (-0.12, 0.04)
9523_34	ITM2C	ITM2C	226	-0.040	0.020	0.043	-0.04 (-0.08, -1.32e-03	0.334	0.222	0.025	0.041	0.544	0.02 (-0.06, 0.10)	-0.004	0.069	-0.024	0.040	0.539	-0.02 (-0.10, 0.05)	-0.017	0.039	0.663	-0.02 (-0.09, 0.06)
3825_18	MAPK8	MK08	226	0.037	0.018	0.043	0.04 (1.19e-03, 0.07)	0.334	0.637	0.034	0.037	0.355	0.03 (-0.04, 0.11)	0.000	0.928	-0.007	0.035	0.839	-0.01 (-0.08, 0.06)	0.003	0.041	0.937	3.21e-03 (-0.08, 0.08)
17765_3	SNUPN	SPN1	226	0.036	0.018	0.043	0.04 (1.11e-03, 0.07)	0.336	0.078	0.003	0.039	0.938	3.00e-03 (-0.07, 0.08)	0.002	0.321	-0.014	0.032	0.655	-0.01 (-0.08, 0.05)	-0.017	0.041	0.673	-0.02 (-0.10, 0.06)
12693_2	SH3BGRL	SH3L1	226	0.038	0.019	0.044	0.04 (1.10e-03, 0.08)	0.336	0.949	-0.027	0.038	0.474	-0.03 (-0.10, 0.05)	0.004	0.049	0.003	0.037	0.932	3.16e-03 (-0.07, 0.0	0.010	0.040	0.805	0.01 (-0.07, 0.09)
13236_25	WNT3A	WNT3A	226	0.046	0.023	0.044	0.05 (1.34e-03, 0.09)	0.336	1.14E-04	0.027	0.046	0.565	0.03 (-0.06, 0.12)	0.001	0.625	0.086	0.035	0.014	0.09 (0.02, 0.15)	0.092	0.042	0.028	0.09 (0.01, 0.17)
15367_38	BPIFB1	LPLC1	226	-0.043	0.021	0.043	-0.04 (-0.08, -1.29e-03	0.336	0.012	-0.002	0.043	0.971	-1.56e-03 (-0.09, 0.08)	-0.003	0.267	-0.035	0.036	0.338	-0.03 (-0.11, 0.04)	-0.034	0.041	0.408	-0.03 (-0.12, 0.05)
3186_2	C2	C2	226	0.048	0.024	0.043	0.05 (1.43e-03, 0.10)	0.336	4.15E-07	0.062	0.048	0.200	0.06 (-0.03, 0.16)	-0.001	0.744	0.044	0.041	0.277	0.04 (-0.04, 0.12)	0.030	0.040	0.457	0.03 (-0.05, 0.11)
6937_251	C1orf43	CA043	226	-0.040	0.020	0.043	-0.04 (-0.08, -1.17e-03	0.336	0.644	-0.029	0.040	0.467	-0.03 (-0.11, 0.05)	-0.001	0.754	-0.003	0.036	0.939	-2.72e-03 (-0.07, 0.0	0.008	0.039	0.843	0.01 (-0.07, 0.08)
8323_163	TFF3	TFF3	226	-0.042	0.021	0.044	-0.04 (-0.08, -1.21e-03	0.336	0.013	-0.047	0.042	0.261	-0.05 (-0.13, 0.03)	0.000	0.884	-0.032	0.038	0.391	-0.03 (-0.11, 0.04)	-0.046	0.037	0.214	-0.05 (-0.12, 0.03)
10440_26	CLMP	ACAM	226	-0.040	0.020	0.044	-0.04 (-0.08, -1.10e-03	0.336	0.008	-0.082	0.040	0.040	-0.08 (-0.16, -4.08e-03)	0.003	0.223	-0.037	0.036	0.305	-0.04 (-0.11, 0.03)	-0.040	0.035	0.255	-0.04 (-0.11, 0.03)
11155_16	COL6A5	CO6A5	226	-0.039	0.019	0.044	-0.04 (-0.08, -1.06e-03	0.336	0.104	0.043	0.041	0.292	0.04 (-0.04, 0.12)	-0.005	0.021	0.012	0.032	0.709	0.01 (-0.05, 0.08)	0.031	0.041	0.457	0.03 (-0.05, 0.11)
13095_51	REG1A	PSP	226	-0.054	0.027	0.044	-0.05 (-0.11, -1.43e-03	0.336	4.72E-15	0.017	0.054	0.759	0.02 (-0.09, 0.12)	-0.004	0.133	-0.013	0.034	0.709	-0.01 (-0.08, 0.05)	-0.014	0.039	0.719	-0.01 (-0.09, 0.06)
14029_42	COPS2	CSN2	226	0.041	0.020	0.044	0.04 (1.10e-03, 0.08)	0.336	0.003	0.002	0.041	0.952	2.46e-03 (-0.08, 0.08)	0.002	0.280	0.005	0.035	0.886	0.01 (-0.06, 0.07)	0.000	0.036	0.992	3.72e-04 (-0.07, 0.07)
18178_13	SARS	SYSC	226	0.037	0.018	0.044	0.04 (9.61e-04, 0.07)	0.336	0.153	0.023	0.039	0.553	0.02 (-0.05, 0.10)	0.001	0.681	-0.007	0.033	0.834	-0.01 (-0.07, 0.06)	0.008	0.040	0.851	0.01 (-0.07, 0.09)
6462_12	TIMP4	TIMP-4	226	-0.057	0.028	0.044	-0.06 (-0.11, -1.47e-03	0.336	3.16E-29	-0.048	0.057	0.395	-0.05 (-0.16, 0.06)	-0.001	0.866	-0.092	0.038	0.016	-0.09 (-0.17, -0.02)	-0.078	0.036	0.030	-0.08 (-0.15, -0.01)
9886_28	XRCC4	XRCC4	226	0.037	0.018	0.044	0.04 (9.60e-04, 0.07)	0.336	0.181	0.069	0.038	0.071	0.07 (-0.01, 0.14)	-0.002	0.325	0.004	0.033	0.894	4.37e-03 (-0.06, 0.0	0.014	0.037	0.708	0.01 (-0.06, 0.09)
9963_19	PCDHB10	PCDBA	226	0.044	0.022	0.044	0.04 (1.20e-03, 0.09)	0.336	0.002	0.003	0.044	0.945	3.00e-03 (-0.08, 0.09)	0.003	0.284	0.058	0.036	0.110	0.06 (-0.01, 0.13)	0.043	0.041	0.293	0.04 (-0.04, 0.12)
13666_222	CA10	Carbonic A	226	-0.037	0.019	0.044	-0.04 (-0.07, -9.28e-04	0.338	0.076	0.029	0.040	0.458	0.03 (-0.05, 0.11)	-0.004	0.053	-0.013	0.031	0.682	-0.01 (-0.07, 0.05)	-0.009	0.042	0.823	-0.01 (-0.09, 0.07)
12528_40	WRNIP1	WRIP1	226	0.039	0.020	0.045	0.04 (9.59e-04, 0.08)	0.338	0.311	-0.006	0.040	0.874	-0.01 (-0.08, 0.07)	0.003	0.192	0.015	0.033	0.636	0.02 (-0.05, 0.08)	-0.008	0.041	0.842	-0.01 (-0.09, 0.07)
6276_16	FURIN	Furin	226	0.039	0.019	0.045	0.04 (9.41e-04, 0.08)	0.338	0.153	0.059	0.041	0.150	0.06 (-0.02, 0.14)	-0.001	0.570	0.042	0.040	0.292	0.04 (-0.04, 0.12)	0.055	0.038	0.146	0.05 (-0.02, 0.13)
7762_30	SNN	SNN	226	0.039	0.020	0.045	0.04 (9.12e-04, 0.08)	0.339	0.766	0.023	0.040	0.553	0.02 (-0.05, 0.10)	0.001	0.644	0.017	0.038	0.657	0.02 (-0.06, 0.09)	0.023	0.037	0.532	0.02 (-0.05, 0.10)
12632_14	NAT1	ARY1	226	0.044	0.022	0.045	0.04 (9.70e-04, 0.09)	0.340	0.001	0.006	0.044	0.894	0.01 (-0.08, 0.09)	0.002	0.322	0.019	0.034	0.573	0.02 (-0.05, 0.09)	0.006	0.047	0.894	0.01 (-0.09, 0.10)
11548_84	CDC25A	MPIP1	226	-0.039	0.019	0.045	-0.04 (-0.08, -8.02e-04	0.342	0.297	0.040	0.040	0.320	0.04 (-0.04, 0.12)	-0.005	0.024	-0.001	0.041	0.971	-1.45e-03 (-0.08, 0.0	-0.010	0.043	0.819	-0.01 (-0.09, 0.07)
18899_82	HDGFRP3	HDGR3	226	-0.043	0.022	0.046	-0.04 (-0.09, -8.55e-04	0.343	0.011	0.016	0.044	0.716	0.02 (-0.07, 0.10)	-0.004	0.118	-0.003	0.038	0.947	-2.53e-03 (-0.08, 0.0	-0.001	0.039	0.979	-1.04e-03 (-0.08, 0.08)
5316_54	F2	Prothrombi	226	-0.042	0.021	0.046	-0.04 (-0.08, -8.11e-04	0.343	0.046	-0.025	0.042	0.559	-0.02 (-0.11, 0.06)	-0.001	0.642	-0.077	0.036	0.035	-0.08 (-0.15, -0.01)	-0.074	0.038	0.055	-0.07 (-0.15, 1.09e-03)
6611_8	KDELC1	KDEL1	226	0.039	0.020	0.046	0.04 (7.18e-04, 0.08)	0.344	0.137	0.029	0.042	0.494	0.03 (-0.05, 0.11)	0.001	0.768	0.029	0.041	0.487	0.03 (-0.05, 0.11)	0.037	0.045	0.402	0.04 (-0.05, 0.12)
18432_32	RALB	RALB	226	0.038	0.019	0.046	0.04 (6.49e-04, 0.07)	0.346	0.639	0.024	0.038	0.536	0.02 (-0.05, 0.10)	0.001	0.670	0.031	0.031	0.315	0.03 (-0.03, 0.09)	0.023	0.042	0.584	0.02 (-0.06, 0.11)
8942_2	MRPL21	RM21	226	0.035	0.018	0.046	0.04 (5.58e-04, 0.07)	0.348	0.150	-0.004	0.037	0.917	-3.92e-03 (-0.08, 0.07)	0.002	0.228	0.004	0.031	0.888	4.33e-03 (-0.06, 0.0	0.003	0.037	0.929	3.26e-03 (-0.07, 0.08)
12046_51	TARDBP	TADBP	226	0.038	0.019	0.047	0.04 (5.38e-04, 0.08)	0.350	0.754	0.052	0.039	0.184	0.05 (-0.02, 0.13)	-0.001	0.690	0.014	0.039	0.714	0.01 (-0.06, 0.09)	0.017	0.041	0.677	0.02 (-0.06, 0.10)
11391_69	MVK	MVK	226	0.040	0.020	0.047	0.04 (5.49e-04, 0.08)	0.350	0.026	0.009	0.041	0.817	0.01 (-0.07, 0.09)	0.002	0.385	0.041	0.033	0.205	0.04 (-0.02, 0.11)	0.021	0.045	0.640	0.02 (-0.07, 0.11)
11678_105	GJD2	CXD2	226	0.039	0.019	0.047	0.04 (4.76e-04, 0.08)	0.352	0.221	0.086	0.040	0.034	0.09 (0.01, 0.17)	-0.003	0.175	0.065	0.039	0.095	0.06 (-0.01, 0.14)	0.051	0.044	0.253	0.05 (-0.04, 0.14)
6367_66	FMOD	fibromoduli	226	-0.041	0.021	0.047	-0.04 (-0.08, -4.89e-04	0.352	0.008	-0.012	0.041	0.765	-0.01 (-0.09, 0.07)	-0.002	0.431	-0.021	0.039	0.586	-0.02 (-0.10, 0.06)	-0.012	0.041	0.771	-0.01 (-0.09, 0.07)
13960_15	AGAP3	AGAP3	226	0.039	0.020	0.048	0.04 (4.00e-04, 0.08)	0.354	0.395	0.042	0.040	0.294	0.04 (-0.04, 0.12)	0.000	0.925	0.046	0.039	0.239	0.05 (-0.03, 0.12)	0.031	0.038	0.408	0.03 (-0.04, 0.11)
6213_10	CGB2	CGB2	226	0.040	0.020	0.048	0.04 (3.56e-04, 0.08)	0.356	0.013	0.014	0.041	0.738	0.01 (-0.07, 0.09)	0.002	0.457	0.015	0.037	0.685	0.01 (-0.06, 0.09)	0.024	0.041	0.559	0.02 (-0.06, 0.10)
12716_3	ZNF175	ZN175	226	0.041	0.021	0.048	0.04 (3.31e-04, 0.08)	0.357	0.047	-0.015	0.041	0.714	-0.02 (-0.10, 0.07)	0.004	0.121	-0.005	0.037	0.894	-4.92e-03 (-0.08, 0.0	0.000	0.040	0.991	4.51e-04 (-0.08, 0.08)
9178_30	NRG1	NEUREGU	226	-0.038	0.019	0.049	-0.04 (-0.08, -2.14e-04	0.360	0.525	0.010	0.039	0.792	0.01 (-0.07, 0.09)	-0.003	0.154	0.004	0.038	0.907	4.40e-03 (-0.07, 0.0	-0.020	0.038	0.595	-0.02 (-0.09, 0.05)
13738_8	INHBA	Inhibin bA c	226	0.042	0.021	0.049	0.04 (2.05e-04, 0.08)	0.361	0.001	0.036	0.043	0.412	0.04 (-0.05, 0.12)	0.000	0.860	0.014	0.036	0.689	0.01 (-0.06, 0.09)	0.021	0.040	0.602	0.02 (-0.06, 0.10)
5957_30	SST	Somatostati	226	-0.038	0.019	0.049	-0.04 (-0.08, -1.71e-04	0.361	0.115	0.034	0.040	0.405	0.03 (-0.05, 0.11)	-0.004	0.043	-0.049	0.039	0.207	-0.05 (-0.13, 0.03)	-0.049	0.044	0.266	-0.05 (-0.14, 0.04)
11390_24	CA8	Carbonic A	226	-0.037	0.019	0.049	-0.04 (-0.07, -1.01e-04	0.362	0.259	0.025	0.039	0.520	0.03 (-0.05, 0.10)	-0.004	0.067	0.005	0.035	0.886	4.96e-03 (-0.06, 0.0	0.005	0.040	0.906	4.78e-03 (-0.07, 0.08)
12553_5	VRK1	VRK1	226	0.037	0.019	0.049	0.04 (9.57e-05, 0.07)	0.362	0.134	0.046	0.039	0.242	0.05 (-0.03, 0.12)	-0.001	0.777	0.007	0.036	0.849	0.01 (-0.06, 0.08)	0.011	0.040	0.779	0.01 (-0.07, 0.09)
12861_13	TMOD3	TMOD3	226	-0.037	0.019	0.049	-0.04 (-0.07, -8.24e-05	0.362	0.098	-0.041	0.040	0.310	-0.04 (-0.12, 0.04)	0.000	0.910	-0.027	0.039	0.491	-0.03 (-0.10, 0.05)	-0.027	0.039	0.488	-0.03 (-0.10, 0.05)
16913_8	RNASET2	RNT2	226	-0.038	0.019	0.049	-0.04 (-0.08, -1.33e-04	0.362	0.054	0.011	0.042	0.799	0.01 (-0.07, 0.09)	-0.003	0.181	-0.026	0.037	0.474	-0.03 (-0.10, 0.05)	-0.017	0.041	0.680	-0.02 (-0.10, 0.06)
7167_102	VAPA	VAPA	226	-0.037	0.019	0.049	-0.04 (-0.07, -9.04e-05	0.362	0.276	-0.074	0.039	0.058	-0.07 (-0.15, 1.98e-03)	0.002	0.271	-0.056	0.041	0.171	-0.06 (-0.14, 0.02)	-0.064	0.039	0.098	-0.06 (-0.14, 0.01)
7797_11	CCDC167	CC167	226	0.038	0.020	0.049	0.04 (8.54e-05, 0.08)	0.362	0.070	0.018	0.042	0.678	0.02 (-0.07, 0.10)	0.001	0.568	0.039	0.041	0.338	0.04 (-0.04, 0.12)	0.040	0.041	0.328	0.04 (-0.04, 0.12)
17792_158	ALDH5A1	SSDH	226	0.038	0.019	0.050	0.04 (2.90e-05, 0.08)	0.364	0.133	0.059	0.041	0.151	0.06 (-0.02, 0.14)	-0.001	0.554	0.042	0.041	0.299	0.04 (-0.04, 0.12)	0.046	0.040	0.245	0.05 (-0.03, 0.12)
16753_46	COL6A2	CO6A2	226	-0.037	0.019	0.050	-0.04 (-0.07, 1.59e-05	0.365	0.289	-0.004	0.039	0.921	-3.89e-03 (-0.08, 0.07)	-0.002	0.329	-0.014	0.032	0.656	-0.01 (-0.08, 0.05)	-0.017	0.043	0.687	-0.02 (-0.10, 0.07)
3847_56	ETHE1	ETHE1	226	-0.038	0.019	0.050	-0.04 (-0.08, 2.45e-05	0.365	0.066	0.007	0.042	0.862	0.01 (-0.07, 0.09)	-0.003	0.213	0.012	0.033	0.715	0.01 (-0.05, 0.08)	0.047	0.048	0.332	0.05 (-0.05, 0.14)
2744_57	IGHG1 IGH	IgG	226	-0.038	0.019	0.051	-0.04 (-0.08, 9.86e-05	0.368	0.157	-0.035	0.041	0.396	-0.04 (-0.12, 0.05)	0.000	0.932	-0.073	0.041	0.072	-0.07 (-0.15, 0.01)	-0.086	0.042	0.043	-0.09 (-0.17, -3.29e-03)
4160_49	MMP2	MMP-2	226	-0.045	0.023	0.051	-0.04 (-0.09, 1.42e-04	0.368	6.71E-06	0.023	0.046	0.625	0.02 (-0.07, 0.11)	-0.004	0.093	-0.035	0.042	0.402	-0.04 (-0.12, 0.05)	-0.036	0.044	0.419	-0.04 (-0.12, 0.05)
7258_5	PRG2	EMBP	226	-0.042	0.022	0.051	-0.04 (-0.08, 1.51e-04	0.368	0.008	-0.015	0.043	0.731	-0.01 (-0.10, 0.07)	-0.002	0.473	-0.063	0.041	0.125	-0.06 (-0.14, 0.02)	-0.088	0.044	0.046	-0.09 (-0.17, -2.16e-03)
17782_23	ACAA1	THIK	226	0.037	0.019	0.051	0.04 (-1.96e-04, 0.07)	0.370	0.420	0.043	0.039	0.269	0.04 (-0.03, 0.12)	0.000	0.864	0.010	0.032	0.746	0.01 (-0.05, 0.07)	0.005	0.041	0.909	4.72e-03 (-0.08, 0.09)
19251_56	SRGN	Platelet pro	226	-0.036	0.019	0.051	-0.04 (-0.07, 1.95e-04	0.370	0.509	-0.068	0.038	0.070	-0.07 (-0.14, 0.01)	0.002	0.327	-0.068	0.036	0.057	-0.07 (-0.14, 2.06e-	-0.059	0.041	0.149	-0.06 (-0.14, 0.02)
5065_8	CD83	CD83	226	-0.037	0.019	0.051	-0.04 (-0.07, 1.91e-04	0.370	0.324	-0.014	0.039	0.721	-0.01 (-0.09, 0.06)	-0.001	0.497	0.007	0.031	0.832	0.01 (-0.05, 0.07)	0.029	0.038	0.454	0.03 (-0.05, 0.10)
5601_2	PGLYRP2	PGRP-L	226	-0.038	0.020	0.051	-0.04 (-0.08, 2.47e-04	0.370	0.096	0.018	0.042	0.668	0.02 (-0.06, 0.10)	-0.003	0.123	0.024	0.034	0.474	0.02 (-0.04, 0.09)	0.057	0.042	0.177	0.06 (-0.03, 0.14)
7081_2	BTN3A1	BT3A1	226	0.038	0.020	0.051	0.04 (-2.27e-04, 0.08)	0.370	0.200	0.034	0.041	0.401	0.03 (-0.05, 0.11)	0.000	0.920	0.055	0.040	0.176	0.05 (-0.02, 0.13)	0.069	0.040	0.086	0.07 (-0.01, 0.15)
7153_66	NGRN	NGRN	226	-0.038	0.019	0.051	-0.04 (-0.08, 2.37e-04	0.370	0.316	-0.018	0.040	0.651	-0.02 (-0.10, 0.06)	-0.001	0.571	-0.040	0.039	0.303	-0.04 (-0.12, 0.04)	-0.013	0.038	0.726	-0.01 (-0.09, 0.06)
2788_55	MMP3	MMP-3	226	0.051	0.026	0.052	0.05 (-4.03e-04, 0.10)	0.371	3.12E-12	0.045	0.052	0.396	0.04 (-0.06, 0.15)	0.000	0.896	0.083	0.037	0.025	0.08 (0.01, 0.16)	0.084	0.040	0.038	0.08 (0.01, 0.16)
3905_62	UBE2N	UBE2N	226	-0.038	0.019	0.052	-0.04 (-0.08, 3.00e-04	0.371	0.932	-0.011	0.039	0.776	-0.01 (-0.09, 0.07)	-0.002	0.434	-0.023	0.039	0.565	-0.02 (-0.10, 0.05)	-0.041	0.040	0.309	-0.04 (-0.12, 0.04)
19112_2	TCEAL3	TCAL3	226	0.036	0.019	0.052	0.04 (-3.66e-04, 0.07)	0.374	0.902	0.040	0.037	0.289	0.04 (-0.03, 0.11)	0.000	0.909	0.021	0.034	0.527	0.02 (-0.04, 0.09)	0.028	0.039	0.480	0.03 (-0.05, 0.10)
18435_40	UBXN2B	UBX2B	226	0.036	0.019	0.053	0.04 (-4.14e-04, 0.07)	0.375	0.797	0.053	0.038	0.162	0.05 (-0.02, 0.13)	-0.001	0.611	-0.010	0.034	0.762	-0.01 (-0.08, 0.06)	-0.002	0.045	0.967	-1.85e-03 (-0.09, 0.09)
9027_10	NLGN2	NLGN2	226	0.038	0.020	0.053	0.04 (-4.29e-04, 0.08)	0.375	0.077	0.095	0.042	0.025	0.09 (0.01, 0.18)	-0.004	0.119	0.042	0.041	0.304	0.04 (-0.04, 0.12)	0.023	0.041	0.575	0.02 (-0.06, 0.10)
14115_34	ADM	Adrenomed	226	0.036	0.019	0.053	0.04 (-4.87e-04, 0.07)	0.378	0.344	0.075	0.039	0.054	0.07 (-9.41e-04, 0.15)	-0.002	0.255	0.043	0.039	0.277	0.04 (-0.03, 0.12)	0.057	0.038	0.130	0.06 (-0.02, 0.13)
11283_13	DCAF5	DCAF5	226	0.038	0.019	0.054	0.04 (-5.91e-04, 0.08)	0.381	0.063	-0.012	0.042	0.769	-0.01 (-0.09, 0.07)	0.003	0.172	-0.010	0.036	0.775	-0.01 (-0.08, 0.06)	-0.005	0.044	0.915	-4.69e-03 (-0.09, 0.08)
8699_43	CRIM1	CRIM1	226	0.036	0.018	0.054	0.04 (-5.52e-04, 0.07)	0.381	0.253	0.004	0.038	0.913	4.21e-03 (-0.07, 0.08)	0.002	0.346	0.008	0.037	0.822	0.01 (-0.06, 0.08)	0.013	0.040	0.751	0.01 (-0.07, 0.09)
9574_11	BIN1	BIN1	226	0.036	0.019	0.054	0.04 (-6.10e-04, 0.07)	0.382	0.250	0.051	0.039	0.198	0.05 (-0.03, 0.13)	-0.001	0.675	0.075	0.033	0.023	0.07 (0.01, 0.14)	0.078	0.040	0.050	0.08 (4.03e-04, 0.16)
13556_28	HTR2A	5HT2A	226	0.035	0.018	0.054	0.04 (-6.26e-04, 0.07)	0.382	0.428	0.067	0.037	0.069	0.07 (-4.94e-03, 0.14)	-0.002	0.313	0.002	0.035	0.966	1.51e-03 (-0.07, 0.0	0.021	0.041	0.610	0.02 (-0.06, 0.10)
14157_21	YWHAE	14-3-3E	226	-0.040	0.021	0.054	-0.04 (-0.08, 6.95e-04	0.382	0.028	0.035	0.041	0.401	0.03 (-0.05, 0.12)	-0.005	0.039	0.016	0.033	0.628	0.02 (-0.05, 0.08)	0.053	0.049	0.284	0.05 (-0.04, 0.15)
8985_13	SERAC1	SRAC1	226	0.037	0.019	0.054	0.04 (-6.48e-04, 0.08)	0.382	0.432	0.003	0.039	0.942	2.88e-03 (-0.07, 0.08)	0.002	0.314	0.017	0.041	0.680	0.02 (-0.06, 0.10)	0.010	0.042	0.808	0.01 (-0.07, 0.09)
2997_8	JAM2	JAM-B	226	0.036	0.019	0.054	0.04 (-6.67e-04, 0.07)	0.383	0.491	0.012	0.038	0.757	0.01 (-0.06, 0.09)	0.002	0.458	-0.014	0.030	0.636	-0.01 (-0.07, 0.05)	-0.035	0.040	0.375	-0.04 (-0.11, 0.04)
14106_46	RAP1GDS1	GDP/GTP e	226	0.035	0.018	0.055	0.04 (-6.99e-04, 0.07)	0.384	0.636	0.039	0.037	0.286	0.04 (-0.03, 0.11)	0.000	0.894	0.017	0.033	0.602	0.02 (-0.05, 0.08)	0.014	0.037	0.704	0.01 (-0.06, 0.09)
3311_27	FCGR3B	FCG3B	226	0.047	0.025	0.055	0.05 (-9.26e-04, 0.10)	0.384	1.00E-07	0.061	0.049	0.222	0.06 (-0.04, 0.16)	-0.001	0.755	-0.015	0.035	0.660	-0.02 (-0.08, 0.05)	-0.008	0.039	0.844	-0.01 (-0.08, 0.07)
4534_10	PRSS22	BSSP4	226	-0.036	0.019	0.055	-0.04 (-0.07, 7.30e-04	0.384	0.603	-0.033	0.038	0.383	-0.03 (-0.11, 0.04)	0.000	0.926	-0.017	0.039	0.654	-0.02 (-0.09, 0.06)	-0.002	0.040	0.964	-1.82e-03 (-0.08, 0.08)
10827_67	LINGO3	LIGO3	226	-0.037	0.019	0.055	-0.04 (-0.08, 7.71e-04	0.384	0.317	-0.051	0.040	0.204	-0.05 (-0.13, 0.03)	0.001	0.694	-0.084	0.039	0.032	-0.08 (-0.16, -0.01)	-0.076	0.040	0.060	-0.08 (-0.15, 2.93e-03)
15623_1	PDCD1	PD-1	226	-0.036	0.019	0.055	-0.04 (-0.07, 7.53e-04	0.384	0.304	-0.042	0.039	0.277	-0.04 (-0.12, 0.03)	0.000	0.854	-0.018	0.032	0.575	-0.02 (-0.08, 0.04)	-0.023	0.041	0.575	-0.02 (-0.10, 0.06)
14002_18	DOCK9	DOCK9	226	0.037	0.019	0.055	0.04 (-8.36e-04, 0.08)	0.386	0.290	0.114	0.040	0.005	0.11 (0.04, 0.19)	-0.005	0.029	0.045	0.039	0.240	0.05 (-0.03, 0.12)	0.085	0.039	0.033	0.08 (0.01, 0.16)
18458_4	PTGES2	PGES2	226	0.035	0.018	0.055	0.04 (-7.99e-04, 0.07)	0.386	0.325	0.012	0.038	0.758	0.01 (-0.06, 0.09)	0.001	0.474	-0.005	0.033	0.885	-4.75e-03 (-0.07, 0.0	-0.001	0.038	0.987	-6.17e-04 (-0.08, 0.07)
12987_12	SRSF7	SRSF7	226	0.036	0.019	0.056	0.04 (-8.63e-04, 0.07)	0.387	0.073	-0.011	0.041	0.790	-0.01 (-0.09, 0.07)	0.003	0.184	-0.028	0.034	0.407	-0.03 (-0.10, 0.04)	-0.041	0.043	0.339	-0.04 (-0.13, 0.04)
12665_16	ILF2	ILF2	226	-0.037	0.019	0.056	-0.04 (-0.08, 8.99e-04	0.387	0.539	-0.030	0.039	0.451	-0.03 (-0.11, 0.05)	0.000	0.821	-0.068	0.039	0.084	-0.07 (-0.15, 0.01)	-0.089	0.041	0.031	-0.09 (-0.17, -0.01)
2578_67	CCL2	MCP-1	226	-0.037	0.020	0.056	-0.04 (-0.08, 9.22e-04	0.388	0.086	0.021	0.042	0.613	0.02 (-0.06, 0.10)	-0.004	0.107	0.018	0.038	0.631	0.02 (-0.06, 0.09)	0.006	0.045	0.891	0.01 (-0.08, 0.09)
12392_30	ARL1	ARL1	226	0.039	0.021	0.056	0.04 (-9.94e-04, 0.08)	0.388	0.003	0.011	0.041	0.795	0.01 (-0.07, 0.09)	0.002	0.430	-0.011	0.030	0.714	-0.01 (-0.07, 0.05)	-0.021	0.039	0.587	-0.02 (-0.10, 0.06)
2643_57	CDH3	P-Cadherin	226	0.045	0.024	0.056	0.05 (-1.18e-03, 0.09)	0.389	1.64E-07	-0.011	0.048	0.814	-0.01 (-0.10, 0.08)	0.004	0.173	0.039	0.042	0.354	0.04 (-0.04, 0.12)	0.046	0.041	0.266	0.05 (-0.03, 0.13)
12623_84	JARID2	JARD2	226	0.037	0.020	0.056	0.04 (-9.95e-04, 0.08)	0.389	0.276	0.048	0.040	0.241	0.05 (-0.03, 0.13)	-0.001	0.770	0.077	0.037	0.036	0.08 (4.87e-03, 0.15	0.062	0.043	0.154	0.06 (-0.02, 0.15)
4914_10	CGA	HCG	226	-0.032	0.017	0.056	-0.03 (-0.06, 8.35e-04	0.389	0.095	-0.044	0.035	0.212	-0.04 (-0.11, 0.03)	0.001	0.679	-0.019	0.035	0.575	-0.02 (-0.09, 0.05)	-0.014	0.035	0.685	-0.01 (-0.08, 0.06)
8104_21	IL10RA	IL-10 Ra	226	0.037	0.019	0.056	0.04 (-1.01e-03, 0.07)	0.390	0.256	0.000	0.040	0.998	9.62e-05 (-0.08, 0.08)	0.002	0.291	0.068	0.037	0.063	0.07 (-3.57e-03, 0.1	0.066	0.044	0.129	0.07 (-0.02, 0.15)
5751_14	LETMD1	HCCR-1	226	-0.040	0.021	0.057	-0.04 (-0.08, 1.14e-03	0.390	0.019	0.026	0.042	0.535	0.03 (-0.06, 0.11)	-0.004	0.071	0.016	0.035	0.659	0.02 (-0.05, 0.08)	0.017	0.042	0.695	0.02 (-0.07, 0.10)
4328_2	BOC	BOC	226	-0.041	0.022	0.057	-0.04 (-0.08, 1.22e-03	0.392	3.87E-05	0.006	0.044	0.887	0.01 (-0.08, 0.09)	-0.003	0.211	-0.029	0.034	0.393	-0.03 (-0.09, 0.04)	-0.036	0.042	0.387	-0.04 (-0.12, 0.05)
5124_69	ICAM5	sICAM-5	226	-0.046	0.024	0.057	-0.05 (-0.09, 1.38e-03	0.392	2.33E-09	0.009	0.049	0.862	0.01 (-0.09, 0.10)	-0.003	0.198	0.024	0.033	0.469	0.02 (-0.04, 0.09)	0.021	0.041	0.611	0.02 (-0.06, 0.10)
17744_31	RAB11A	RB11A	226	-0.036	0.019	0.057	-0.04 (-0.07, 1.08e-03	0.392	0.711	-0.023	0.038	0.540	-0.02 (-0.10, 0.05)	-0.001	0.703	-0.063	0.035	0.072	-0.06 (-0.13, 0.01)	-0.058	0.040	0.144	-0.06 (-0.14, 0.02)
8275_31	PEAR1	PEAR1	226	-0.040	0.021	0.057	-0.04 (-0.08, 1.25e-03	0.393	0.005	0.060	0.042	0.157	0.06 (-0.02, 0.14)	-0.006	0.007	0.005	0.036	0.884	0.01 (-0.07, 0.08)	-0.004	0.037	0.921	-3.70e-03 (-0.08, 0.07)
15491_20	CD248	CD248	226	-0.045	0.024	0.057	-0.05 (-0.09, 1.43e-03	0.393	6.03E-08	0.009	0.048	0.850	0.01 (-0.08, 0.10)	-0.003	0.193	-0.044	0.038	0.247	-0.04 (-0.12, 0.03)	-0.055	0.042	0.192	-0.05 (-0.14, 0.03)
4969_2	CA1	Carbonic a	226	-0.036	0.019	0.058	-0.04 (-0.07, 1.17e-03	0.394	0.462	-0.048	0.038	0.211	-0.05 (-0.12, 0.03)	0.001	0.716	-0.076	0.038	0.048	-0.08 (-0.15, -6.67e-	-0.082	0.041	0.045	-0.08 (-0.16, -2.28e-03)
11556_19	ARFGAP1	ARFG1	226	0.045	0.024	0.058	0.04 (-1.47e-03, 0.09)	0.394	2.78E-07	0.000	0.047	0.992	4.79e-04 (-0.09, 0.09)	0.003	0.284	0.064	0.038	0.087	0.06 (-0.01, 0.14)	0.049	0.042	0.241	0.05 (-0.03, 0.13)
3438_10	FSTL3	FSTL3	226	-0.045	0.024	0.058	-0.05 (-0.09, 1.53e-03	0.395	3.49E-10	-0.100	0.048	0.037	-0.10 (-0.19, -0.01)	0.003	0.186	-0.053	0.040	0.191	-0.05 (-0.13, 0.03)	-0.056	0.040	0.166	-0.06 (-0.13, 0.02)
7696_3	NBR1	NBR1	226	-0.035	0.019	0.058	-0.04 (-0.07, 1.19e-03	0.395	0.817	-0.061	0.037	0.102	-0.06 (-0.13, 0.01)	0.002	0.420	-0.055	0.038	0.149	-0.06 (-0.13, 0.02)	-0.067	0.038	0.074	-0.07 (-0.14, 0.01)
18896_23	HS6ST3	H6ST3	226	-0.042	0.022	0.058	-0.04 (-0.09, 1.43e-03	0.395	1.07E-04	0.090	0.043	0.039	0.09 (4.95e-03, 0.17)	-0.008	0.001	-0.025	0.032	0.436	-0.03 (-0.09, 0.04)	-0.033	0.041	0.421	-0.03 (-0.11, 0.05)
10022_207	POLH	POLH	226	-0.036	0.019	0.059	-0.04 (-0.07, 1.29e-03	0.396	0.248	-0.020	0.039	0.622	-0.02 (-0.10, 0.06)	-0.001	0.633	-0.019	0.039	0.627	-0.02 (-0.10, 0.06)	-0.008	0.038	0.841	-0.01 (-0.08, 0.07)
12873_11	SPN	LEUK	226	-0.035	0.019	0.058	-0.04 (-0.07, 1.24e-03	0.396	0.943	-0.011	0.037	0.770	-0.01 (-0.08, 0.06)	-0.002	0.456	-0.016	0.036	0.660	-0.02 (-0.09, 0.05)	-0.042	0.039	0.278	-0.04 (-0.12, 0.03)
3292_75	CD48	CD48	226	-0.038	0.020	0.058	-0.04 (-0.08, 1.34e-03	0.396	0.039	0.011	0.040	0.778	0.01 (-0.07, 0.09)	-0.003	0.160	-0.015	0.037	0.695	-0.01 (-0.09, 0.06)	-0.032	0.039	0.416	-0.03 (-0.11, 0.04)
7776_20	UNC5B	UNC5B	226	-0.035	0.018	0.058	-0.03 (-0.07, 1.24e-03	0.396	0.323	0.006	0.038	0.880	0.01 (-0.07, 0.08)	-0.003	0.218	-0.017	0.034	0.624	-0.02 (-0.08, 0.05)	-0.021	0.036	0.558	-0.02 (-0.09, 0.05)
10442_1	TMEM190	TM190	226	-0.037	0.019	0.060	-0.04 (-0.07, 1.50e-03	0.396	0.543	-0.003	0.039	0.942	-2.83e-03 (-0.08, 0.07)	-0.002	0.321	-0.004	0.033	0.907	-3.85e-03 (-0.07, 0.0	0.008	0.043	0.843	0.01 (-0.07, 0.09)
10513_13	KCNIP3	CSEN	226	-0.037	0.019	0.060	-0.04 (-0.07, 1.55e-03	0.396	0.526	-0.070	0.039	0.076	-0.07 (-0.15, 0.01)	0.002	0.328	-0.061	0.042	0.148	-0.06 (-0.14, 0.02)	-0.046	0.047	0.328	-0.05 (-0.14, 0.05)
10880_38	FAM163B	F163B	226	0.035	0.019	0.060	0.04 (-1.46e-03, 0.07)	0.396	0.676	0.029	0.038	0.445	0.03 (-0.04, 0.10)	0.000	0.844	0.007	0.036	0.848	0.01 (-0.06, 0.08)	0.027	0.043	0.526	0.03 (-0.06, 0.11)
11934_9	INTS3	INT3	226	0.037	0.019	0.060	0.04 (-1.60e-03, 0.07)	0.396	0.066	0.062	0.042	0.143	0.06 (-0.02, 0.14)	-0.002	0.489	0.040	0.033	0.237	0.04 (-0.03, 0.11)	0.050	0.042	0.241	0.05 (-0.03, 0.13)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12399_194	CCDC50	CCD50	226	0.034	0.018	0.059	0.03 (-1.28e-03, 0.07)	0.396	0.080	0.013	0.039	0.737	0.01 (-0.06, 0.09)	0.001	0.532	-0.004	0.032	0.901	-3.95e-03 (-0.07, 0.0	0.008	0.037	0.822	0.01 (-0.06, 0.08)
13603_7	RFESD	RFESD	226	-0.040	0.021	0.059	-0.04 (-0.08, 1.58e-03	0.396	0.028	0.004	0.042	0.933	3.56e-03 (-0.08, 0.09)	-0.003	0.241	-0.049	0.040	0.222	-0.05 (-0.13, 0.03)	-0.033	0.041	0.415	-0.03 (-0.11, 0.05)
15329_167	ROBLD3	MAPIP	226	0.036	0.019	0.061	0.04 (-1.61e-03, 0.07)	0.396	0.554	0.034	0.039	0.372	0.03 (-0.04, 0.11)	0.000	0.965	0.016	0.037	0.677	0.02 (-0.06, 0.09)	0.039	0.040	0.336	0.04 (-0.04, 0.12)
15587_20	FOLR2	FOLR2	226	-0.040	0.021	0.061	-0.04 (-0.08, 1.80e-03	0.396	2.63E-06	-0.081	0.043	0.061	-0.08 (-0.17, 3.48e-03)	0.003	0.276	-0.081	0.036	0.024	-0.08 (-0.15, -0.01)	-0.063	0.037	0.090	-0.06 (-0.14, 0.01)
16780_6	HSPA1A	HSP 70	226	0.039	0.020	0.059	0.04 (-1.41e-03, 0.08)	0.396	0.012	0.049	0.041	0.236	0.05 (-0.03, 0.13)	-0.001	0.772	0.046	0.037	0.209	0.05 (-0.03, 0.12)	0.028	0.040	0.493	0.03 (-0.05, 0.11)
17346_61	FDCSP	FDSCP	226	-0.040	0.021	0.060	-0.04 (-0.08, 1.74e-03	0.396	0.014	-0.036	0.043	0.405	-0.04 (-0.12, 0.05)	0.000	0.913	0.010	0.036	0.775	0.01 (-0.06, 0.08)	0.005	0.042	0.902	0.01 (-0.08, 0.09)
17419_17	TES	TES	226	0.034	0.018	0.059	0.03 (-1.31e-03, 0.07)	0.396	0.723	0.007	0.037	0.847	0.01 (-0.06, 0.08)	0.002	0.392	0.012	0.036	0.744	0.01 (-0.06, 0.08)	0.012	0.035	0.723	0.01 (-0.06, 0.08)
17785_11	RCL	RCL	226	0.035	0.018	0.060	0.03 (-1.42e-03, 0.07)	0.396	0.185	0.016	0.039	0.673	0.02 (-0.06, 0.09)	0.001	0.586	0.002	0.037	0.949	2.38e-03 (-0.07, 0.0	0.019	0.042	0.658	0.02 (-0.06, 0.10)
18901_26	HSPA1B	HS71B	226	0.039	0.021	0.060	0.04 (-1.70e-03, 0.08)	0.396	0.005	0.025	0.042	0.553	0.02 (-0.06, 0.11)	0.001	0.699	0.015	0.038	0.699	0.01 (-0.06, 0.09)	-0.015	0.038	0.693	-0.01 (-0.09, 0.06)
2558_51	POMC	b-Endorphi	226	-0.036	0.019	0.061	-0.04 (-0.07, 1.62e-03	0.396	0.579	0.032	0.039	0.419	0.03 (-0.05, 0.11)	-0.004	0.046	0.029	0.035	0.398	0.03 (-0.04, 0.10)	0.034	0.043	0.426	0.03 (-0.05, 0.12)
2580_83	MPO	Myeloperox	226	0.048	0.025	0.059	0.05 (-1.81e-03, 0.10)	0.396	4.02E-11	0.015	0.051	0.777	0.01 (-0.09, 0.12)	0.002	0.452	-0.026	0.033	0.417	-0.03 (-0.09, 0.04)	-0.030	0.044	0.497	-0.03 (-0.11, 0.06)
2839_2	TNFSF4	OX40 Ligar	226	-0.037	0.020	0.059	-0.04 (-0.08, 1.46e-03	0.396	0.575	-0.025	0.039	0.532	-0.02 (-0.10, 0.05)	-0.001	0.721	-0.015	0.040	0.707	-0.02 (-0.09, 0.06)	0.001	0.039	0.971	1.42e-03 (-0.08, 0.08)
2970_60	AREG	AREG	226	0.034	0.018	0.060	0.03 (-1.41e-03, 0.07)	0.396	0.481	0.028	0.037	0.446	0.03 (-0.04, 0.10)	0.000	0.847	-0.011	0.031	0.722	-0.01 (-0.07, 0.05)	-0.054	0.040	0.180	-0.05 (-0.13, 0.02)
3348_49	BMP1	BMP-1	226	0.034	0.018	0.060	0.03 (-1.42e-03, 0.07)	0.396	0.084	0.050	0.039	0.196	0.05 (-0.03, 0.13)	-0.001	0.627	0.010	0.033	0.768	0.01 (-0.06, 0.08)	0.018	0.038	0.642	0.02 (-0.06, 0.09)
3403_1	TPSB2	TPSB2	226	-0.036	0.019	0.061	-0.04 (-0.07, 1.63e-03	0.396	0.229	0.001	0.040	0.978	1.09e-03 (-0.08, 0.08)	-0.002	0.286	-0.037	0.041	0.369	-0.04 (-0.12, 0.04)	-0.028	0.042	0.509	-0.03 (-0.11, 0.05)
5620_13	PAM	AMD	226	-0.115	0.061	0.060	-0.12 (-0.24, 4.64e-03	0.396	0.00E+00	-0.172	0.123	0.165	-0.17 (-0.41, 0.07)	0.004	0.599	0.011	0.032	0.721	0.01 (-0.05, 0.07)	0.032	0.044	0.462	0.03 (-0.05, 0.12)
5632_6	CRTAC1	CRAC1	226	-0.035	0.019	0.060	-0.03 (-0.07, 1.52e-03	0.396	0.056	0.025	0.040	0.533	0.02 (-0.05, 0.10)	-0.004	0.086	-0.026	0.038	0.494	-0.03 (-0.10, 0.05)	-0.043	0.038	0.256	-0.04 (-0.12, 0.03)
6533_20	DNASE2B	DNS2B	226	-0.036	0.019	0.060	-0.04 (-0.07, 1.50e-03	0.396	0.281	0.013	0.040	0.752	0.01 (-0.07, 0.09)	-0.003	0.159	0.005	0.037	0.902	4.56e-03 (-0.07, 0.0	-0.006	0.040	0.890	-0.01 (-0.08, 0.07)
6571_75	C17orf78	CQ078	226	0.034	0.018	0.060	0.03 (-1.44e-03, 0.07)	0.396	0.066	0.013	0.040	0.742	0.01 (-0.06, 0.09)	0.001	0.534	0.013	0.032	0.685	0.01 (-0.05, 0.08)	-0.002	0.039	0.958	-2.06e-03 (-0.08, 0.07)
7196_21	IFNW1	IFN-w	226	-0.037	0.019	0.060	-0.04 (-0.07, 1.56e-03	0.396	0.568	-0.022	0.039	0.567	-0.02 (-0.10, 0.05)	-0.001	0.679	-0.021	0.039	0.586	-0.02 (-0.10, 0.06)	-0.008	0.039	0.833	-0.01 (-0.08, 0.07)
8222_49	CDHR3	CDHR3	226	-0.036	0.019	0.059	-0.04 (-0.07, 1.35e-03	0.396	0.511	-0.002	0.038	0.964	-1.71e-03 (-0.08, 0.07)	-0.002	0.305	-0.007	0.036	0.847	-0.01 (-0.08, 0.06)	-0.006	0.046	0.899	-0.01 (-0.10, 0.08)
8832_55	BST2	BST-2	226	-0.036	0.019	0.060	-0.04 (-0.07, 1.59e-03	0.396	0.294	0.005	0.040	0.891	0.01 (-0.07, 0.08)	-0.003	0.228	-0.014	0.039	0.721	-0.01 (-0.09, 0.06)	-0.026	0.038	0.491	-0.03 (-0.10, 0.05)
9087_8	NHLRC3	NHLC3	226	0.036	0.019	0.059	0.04 (-1.40e-03, 0.07)	0.396	0.636	0.006	0.039	0.881	0.01 (-0.07, 0.08)	0.002	0.365	0.020	0.033	0.541	0.02 (-0.04, 0.08)	0.022	0.040	0.586	0.02 (-0.06, 0.10)
9297_12	B3GNT8	B3GN8	226	-0.039	0.021	0.061	-0.04 (-0.08, 1.77e-03	0.396	0.018	0.022	0.042	0.600	0.02 (-0.06, 0.10)	-0.004	0.094	-0.018	0.037	0.622	-0.02 (-0.09, 0.05)	-0.016	0.038	0.666	-0.02 (-0.09, 0.06)
4132_27	FST	FST	226	0.035	0.019	0.061	0.03 (-1.63e-03, 0.07)	0.397	0.214	0.026	0.039	0.500	0.03 (-0.05, 0.10)	0.001	0.801	-0.003	0.032	0.927	-2.93e-03 (-0.07, 0.0	-0.023	0.039	0.549	-0.02 (-0.10, 0.05)
9327_3	LYPD1	LYPD1	226	-0.036	0.019	0.061	-0.04 (-0.07, 1.70e-03	0.397	0.666	0.011	0.039	0.777	0.01 (-0.07, 0.09)	-0.003	0.164	-0.038	0.030	0.207	-0.04 (-0.10, 0.02)	0.004	0.043	0.935	3.53e-03 (-0.08, 0.09)
6392_7	WISP2	WISP-2	226	-0.040	0.021	0.061	-0.04 (-0.08, 1.92e-03	0.398	0.009	-0.114	0.043	0.009	-0.11 (-0.20, -0.03)	0.005	0.049	-0.078	0.032	0.016	-0.08 (-0.14, -0.01)	-0.116	0.040	0.004	-0.12 (-0.19, -0.04)
7011_8	KCNIP4	KCIP4	226	0.037	0.020	0.061	0.04 (-1.75e-03, 0.07)	0.398	0.777	0.017	0.039	0.667	0.02 (-0.06, 0.09)	0.001	0.566	-0.004	0.037	0.918	-3.81e-03 (-0.08, 0.0	0.014	0.041	0.732	0.01 (-0.07, 0.09)
7839_99	FAM19A3	F19A3	226	-0.039	0.021	0.061	-0.04 (-0.08, 1.88e-03	0.398	0.041	-0.021	0.043	0.616	-0.02 (-0.10, 0.06)	-0.001	0.625	-0.004	0.033	0.896	-4.26e-03 (-0.07, 0.0	-0.002	0.038	0.962	-1.83e-03 (-0.08, 0.07)
19341_36	ACBD6	ACBD6	226	-0.036	0.019	0.062	-0.04 (-0.07, 1.73e-03	0.398	0.949	0.001	0.039	0.989	5.52e-04 (-0.07, 0.08)	-0.002	0.279	-0.019	0.038	0.609	-0.02 (-0.09, 0.06)	-0.028	0.040	0.481	-0.03 (-0.11, 0.05)
3378_49	KLK7	Kallikrein 7	226	-0.039	0.021	0.062	-0.04 (-0.08, 1.88e-03	0.398	0.032	0.000	0.042	0.997	1.33e-04 (-0.08, 0.08)	-0.002	0.284	0.000	0.036	1.000	0.00e+00 (-0.07, 0.0	-0.014	0.043	0.751	-0.01 (-0.10, 0.07)
12478_15	RPL30	RL30	226	0.037	0.020	0.062	0.04 (-1.85e-03, 0.08)	0.398	0.006	0.006	0.040	0.890	0.01 (-0.07, 0.08)	0.002	0.365	-0.005	0.031	0.864	-0.01 (-0.07, 0.05)	-0.045	0.040	0.264	-0.05 (-0.12, 0.03)
12822_34	APBB1	APBB1	226	0.035	0.019	0.062	0.04 (-1.74e-03, 0.07)	0.398	0.970	0.036	0.038	0.341	0.04 (-0.04, 0.11)	0.000	0.975	0.004	0.033	0.906	3.85e-03 (-0.06, 0.0	0.008	0.038	0.826	0.01 (-0.07, 0.08)
17410_5	CETN3	CETN3	226	0.035	0.019	0.062	0.03 (-1.74e-03, 0.07)	0.398	0.410	-0.023	0.038	0.548	-0.02 (-0.10, 0.05)	0.004	0.081	-0.023	0.035	0.512	-0.02 (-0.09, 0.05)	-0.027	0.037	0.468	-0.03 (-0.10, 0.05)
7782_34	EDDM3B	EP3B	226	-0.036	0.019	0.062	-0.04 (-0.07, 1.81e-03	0.398	0.741	0.006	0.039	0.873	0.01 (-0.07, 0.08)	-0.003	0.212	-0.032	0.040	0.425	-0.03 (-0.11, 0.05)	-0.042	0.038	0.275	-0.04 (-0.12, 0.03)
8927_6	C7orf73	CG073	226	-0.037	0.020	0.062	-0.04 (-0.07, 1.83e-03	0.398	0.467	-0.032	0.040	0.420	-0.03 (-0.11, 0.05)	0.000	0.895	-0.044	0.040	0.278	-0.04 (-0.12, 0.04)	-0.042	0.044	0.342	-0.04 (-0.13, 0.04)
7181_17	VAPB	VAPB	226	-0.036	0.020	0.062	-0.04 (-0.07, 1.84e-03	0.398	0.812	-0.011	0.039	0.787	-0.01 (-0.09, 0.07)	-0.002	0.451	-0.047	0.041	0.247	-0.05 (-0.13, 0.03)	-0.031	0.043	0.474	-0.03 (-0.12, 0.05)
8235_48	CHGB	SCG1	226	-0.047	0.025	0.062	-0.05 (-0.10, 2.41e-03	0.398	5.21E-11	0.064	0.050	0.202	0.06 (-0.03, 0.16)	-0.007	0.011	0.006	0.035	0.858	0.01 (-0.06, 0.08)	0.011	0.041	0.792	0.01 (-0.07, 0.09)
12986_12	LIN7C	LIN7C	226	0.036	0.019	0.062	0.04 (-1.88e-03, 0.07)	0.399	0.058	-0.001	0.042	0.979	-1.13e-03 (-0.08, 0.08)	0.002	0.307	0.053	0.039	0.175	0.05 (-0.02, 0.13)	0.035	0.039	0.375	0.03 (-0.04, 0.11)
16858_384	RCN3	RCN3	226	-0.039	0.021	0.063	-0.04 (-0.08, 2.06e-03	0.400	0.003	0.042	0.042	0.318	0.04 (-0.04, 0.12)	-0.005	0.027	-0.003	0.033	0.932	-2.85e-03 (-0.07, 0.0	-0.011	0.040	0.785	-0.01 (-0.09, 0.07)
3198_4	IDS	IDS	226	-0.038	0.020	0.063	-0.04 (-0.08, 2.03e-03	0.400	0.048	0.014	0.041	0.733	0.01 (-0.07, 0.09)	-0.003	0.145	-0.009	0.036	0.810	-0.01 (-0.08, 0.06)	0.005	0.042	0.913	4.62e-03 (-0.08, 0.09)
3389_7	SERPINA5	PCI	226	0.036	0.019	0.063	0.04 (-1.90e-03, 0.07)	0.400	0.710	0.038	0.039	0.332	0.04 (-0.04, 0.11)	0.000	0.956	0.059	0.040	0.137	0.06 (-0.02, 0.14)	0.056	0.038	0.146	0.06 (-0.02, 0.13)
6413_79	LIPK	LIPK	226	0.036	0.020	0.063	0.04 (-1.96e-03, 0.07)	0.400	0.172	0.031	0.041	0.449	0.03 (-0.05, 0.11)	0.000	0.885	0.044	0.043	0.311	0.04 (-0.04, 0.13)	0.046	0.043	0.291	0.05 (-0.04, 0.13)
2665_26	TNFRSF17	BCMA	226	-0.039	0.021	0.063	-0.04 (-0.08, 2.15e-03	0.401	0.026	-0.015	0.042	0.719	-0.02 (-0.10, 0.07)	-0.001	0.519	-0.041	0.040	0.312	-0.04 (-0.12, 0.04)	-0.040	0.039	0.310	-0.04 (-0.12, 0.04)
8236_8	C18orf32	CR032	226	-0.036	0.020	0.063	-0.04 (-0.07, 2.01e-03	0.401	0.059	-0.015	0.042	0.729	-0.01 (-0.10, 0.07)	-0.001	0.556	-0.005	0.039	0.898	-0.01 (-0.08, 0.07)	-0.014	0.041	0.730	-0.01 (-0.10, 0.07)
11284_24	LAIR1	LAIR1	226	0.036	0.019	0.064	0.04 (-2.07e-03, 0.07)	0.404	0.987	0.103	0.039	0.009	0.10 (0.03, 0.18)	-0.004	0.050	0.081	0.039	0.037	0.08 (4.78e-03, 0.1	0.094	0.042	0.028	0.09 (0.01, 0.18)
12678_66	SNRPA	SNRPA	226	0.033	0.018	0.064	0.03 (-1.89e-03, 0.07)	0.404	0.109	0.028	0.038	0.461	0.03 (-0.05, 0.10)	0.000	0.880	-0.011	0.032	0.731	-0.01 (-0.07, 0.05)	-0.004	0.039	0.926	-3.62e-03 (-0.08, 0.07)
12892_10	SYTL1	SYTL1	226	0.041	0.022	0.064	0.04 (-2.38e-03, 0.08)	0.404	0.006	-0.021	0.044	0.630	-0.02 (-0.11, 0.06)	0.004	0.107	0.012	0.035	0.720	0.01 (-0.06, 0.08)	-0.034	0.046	0.457	-0.03 (-0.12, 0.06)
13122_19	FLRT2	FLRT2	226	-0.036	0.020	0.065	-0.04 (-0.08, 2.21e-03	0.404	0.036	0.001	0.040	0.980	9.85e-04 (-0.08, 0.08)	-0.002	0.279	-0.024	0.032	0.446	-0.02 (-0.09, 0.04)	-0.028	0.037	0.460	-0.03 (-0.10, 0.05)
13133_73	LTBP4	LTBP4	226	-0.034	0.019	0.064	-0.03 (-0.07, 2.05e-03	0.404	0.214	0.017	0.038	0.654	0.02 (-0.06, 0.09)	-0.003	0.125	-0.007	0.035	0.841	-0.01 (-0.07, 0.06)	-0.017	0.041	0.681	-0.02 (-0.10, 0.06)
18943_4	PTGR2	PTGR2	226	0.035	0.019	0.064	0.04 (-2.12e-03, 0.07)	0.404	0.958	0.006	0.039	0.879	0.01 (-0.07, 0.08)	0.002	0.379	0.021	0.034	0.542	0.02 (-0.05, 0.09)	0.016	0.041	0.704	0.02 (-0.07, 0.10)
3437_80	FLT3	Flt-3	226	0.036	0.019	0.065	0.04 (-2.17e-03, 0.07)	0.404	0.714	0.011	0.039	0.776	0.01 (-0.06, 0.09)	0.002	0.468	0.003	0.038	0.931	3.29e-03 (-0.07, 0.0	0.001	0.044	0.987	7.34e-04 (-0.09, 0.09)
4832_75	TNFRSF10	TRAIL R1	226	0.035	0.019	0.064	0.04 (-2.08e-03, 0.07)	0.404	0.312	-0.003	0.039	0.947	-2.59e-03 (-0.08, 0.07)	0.002	0.267	-0.002	0.039	0.950	-2.40e-03 (-0.08, 0.0	-0.016	0.040	0.694	-0.02 (-0.09, 0.06)
5202_4	PPID	PPID	226	0.034	0.019	0.064	0.03 (-2.04e-03, 0.07)	0.404	0.825	0.033	0.037	0.378	0.03 (-0.04, 0.11)	0.000	0.968	0.025	0.030	0.415	0.02 (-0.03, 0.08)	-0.044	0.046	0.341	-0.04 (-0.13, 0.05)
6951_26	ASIC4	ASIC4	226	0.034	0.019	0.065	0.03 (-2.09e-03, 0.07)	0.404	0.228	-0.013	0.039	0.731	-0.01 (-0.09, 0.06)	0.003	0.157	-0.039	0.031	0.212	-0.04 (-0.10, 0.02)	-0.047	0.045	0.295	-0.05 (-0.13, 0.04)
7144_234	KAZALD1	KAZD1	226	0.045	0.025	0.065	0.05 (-2.74e-03, 0.09)	0.404	2.11E-08	0.059	0.050	0.236	0.06 (-0.04, 0.16)	-0.001	0.753	0.067	0.042	0.105	0.07 (-0.01, 0.15)	0.129	0.045	0.005	0.13 (0.04, 0.22)
8760_10	DCUN1D5	DCNL5	226	0.115	0.062	0.065	0.12 (-0.01, 0.24)	0.404	0.00E+00	0.086	0.126	0.496	0.09 (-0.16, 0.33)	0.002	0.788	0.094	0.035	0.007	0.09 (0.03, 0.16)	0.104	0.044	0.020	0.10 (0.02, 0.19)
9955_40	RNF148	RN148	226	0.036	0.019	0.064	0.04 (-2.09e-03, 0.07)	0.404	0.446	0.014	0.039	0.727	0.01 (-0.06, 0.09)	0.001	0.516	0.015	0.031	0.629	0.01 (-0.05, 0.07)	0.008	0.038	0.829	0.01 (-0.07, 0.08)
11168_3	MEGF10	MEG10	226	0.036	0.019	0.065	0.04 (-2.23e-03, 0.07)	0.405	0.372	-0.068	0.039	0.085	-0.07 (-0.14, 0.01)	0.006	0.003	0.030	0.031	0.336	0.03 (-0.03, 0.09)	-0.002	0.040	0.960	-2.04e-03 (-0.08, 0.08)
4878_3	F10	Coagulatioı	226	0.043	0.023	0.065	0.04 (-2.66e-03, 0.09)	0.405	3.54E-05	0.061	0.047	0.193	0.06 (-0.03, 0.15)	-0.001	0.652	0.066	0.041	0.109	0.07 (-0.01, 0.15)	0.078	0.045	0.089	0.08 (-0.01, 0.17)
14133_93	IL1R2	IL-1 sRII	226	0.035	0.019	0.065	0.03 (-2.22e-03, 0.07)	0.406	0.080	0.102	0.040	0.012	0.10 (0.02, 0.18)	-0.004	0.057	0.096	0.030	0.001	0.10 (0.04, 0.16)	0.163	0.046	0.001	0.16 (0.07, 0.25)
3004_67	PDCD1LG2	PD-L2	226	0.036	0.020	0.065	0.04 (-2.31e-03, 0.07)	0.406	0.782	0.061	0.039	0.125	0.06 (-0.02, 0.14)	-0.002	0.471	0.022	0.039	0.580	0.02 (-0.05, 0.10)	0.039	0.042	0.347	0.04 (-0.04, 0.12)
12800_5	TPPP2	TPPP2	226	-0.037	0.020	0.066	-0.04 (-0.08, 2.38e-03	0.407	0.009	-0.018	0.040	0.652	-0.02 (-0.10, 0.06)	-0.001	0.595	-0.032	0.030	0.275	-0.03 (-0.09, 0.03)	0.008	0.042	0.853	0.01 (-0.07, 0.09)
16293_1	GHRH	Growth hori	226	0.035	0.019	0.066	0.03 (-2.26e-03, 0.07)	0.407	0.718	0.003	0.038	0.927	3.48e-03 (-0.07, 0.08)	0.002	0.344	-0.013	0.035	0.699	-0.01 (-0.08, 0.05)	-0.021	0.042	0.610	-0.02 (-0.10, 0.06)
12480_9	OTUD5	OTUD5	226	0.041	0.022	0.066	0.04 (-2.65e-03, 0.08)	0.407	0.003	-0.031	0.044	0.480	-0.03 (-0.12, 0.06)	0.004	0.062	-0.003	0.038	0.929	-3.41e-03 (-0.08, 0.0	-0.001	0.043	0.987	-7.15e-04 (-0.09, 0.08)
16049_43	OLR1	OLR1	226	0.036	0.020	0.066	0.04 (-2.37e-03, 0.07)	0.407	0.687	0.029	0.040	0.466	0.03 (-0.05, 0.11)	0.000	0.834	0.007	0.041	0.854	0.01 (-0.07, 0.09)	0.016	0.043	0.718	0.02 (-0.07, 0.10)
5677_15	C2orf66	CB066	226	0.036	0.020	0.066	0.04 (-2.39e-03, 0.07)	0.408	0.152	0.065	0.041	0.115	0.07 (-0.02, 0.15)	-0.002	0.412	-0.008	0.036	0.816	-0.01 (-0.08, 0.06)	-0.002	0.043	0.970	-1.61e-03 (-0.09, 0.08)
4563_61	PLCG1	PLCG1	226	0.036	0.019	0.066	0.04 (-2.43e-03, 0.07)	0.409	0.364	-0.010	0.040	0.805	-0.01 (-0.09, 0.07)	0.003	0.188	-0.005	0.032	0.865	-0.01 (-0.07, 0.06)	-0.012	0.041	0.775	-0.01 (-0.09, 0.07)
6612_90	BRICD5	CP079	226	0.033	0.018	0.067	0.03 (-2.25e-03, 0.07)	0.410	0.449	0.031	0.036	0.388	0.03 (-0.04, 0.10)	0.000	0.963	0.008	0.034	0.818	0.01 (-0.06, 0.07)	0.011	0.040	0.779	0.01 (-0.07, 0.09)
9090_9	SYTL4	SYTL4	226	-0.035	0.019	0.067	-0.03 (-0.07, 2.38e-03	0.410	0.756	-0.036	0.038	0.340	-0.04 (-0.11, 0.04)	0.000	0.958	-0.026	0.039	0.505	-0.03 (-0.10, 0.05)	-0.040	0.041	0.319	-0.04 (-0.12, 0.04)
9839_148	TIRAP	Tirap	226	0.037	0.020	0.067	0.04 (-2.55e-03, 0.08)	0.410	0.026	0.054	0.040	0.180	0.05 (-0.02, 0.13)	-0.001	0.617	0.034	0.031	0.275	0.03 (-0.03, 0.09)	0.021	0.042	0.614	0.02 (-0.06, 0.10)
12849_25	GSKIP	GSKIP	226	0.039	0.021	0.067	0.04 (-2.75e-03, 0.08)	0.411	0.020	0.029	0.043	0.500	0.03 (-0.06, 0.11)	0.001	0.789	-0.008	0.034	0.808	-0.01 (-0.08, 0.06)	0.011	0.040	0.778	0.01 (-0.07, 0.09)
13447_42	SPRN	SPRN	226	-0.034	0.019	0.067	-0.03 (-0.07, 2.42e-03	0.411	0.408	0.010	0.038	0.784	0.01 (-0.06, 0.09)	-0.003	0.177	-0.013	0.037	0.724	-0.01 (-0.09, 0.06)	-0.043	0.044	0.321	-0.04 (-0.13, 0.04)
3394_81	PLK1	PLK-1	226	-0.036	0.019	0.067	-0.04 (-0.07, 2.54e-03	0.411	0.791	0.023	0.039	0.566	0.02 (-0.05, 0.10)	-0.004	0.089	0.023	0.031	0.467	0.02 (-0.04, 0.08)	0.029	0.039	0.459	0.03 (-0.05, 0.10)
11112_18	TMEM167A	KISHA	226	-0.035	0.019	0.067	-0.04 (-0.07, 2.54e-03	0.412	0.185	0.021	0.040	0.610	0.02 (-0.06, 0.10)	-0.003	0.112	-0.008	0.034	0.809	-0.01 (-0.07, 0.06)	0.007	0.041	0.871	0.01 (-0.07, 0.09)
9993_11	ZNF264	ZN264	226	0.037	0.020	0.067	0.04 (-2.65e-03, 0.08)	0.412	0.042	0.016	0.041	0.698	0.02 (-0.06, 0.10)	0.001	0.551	0.027	0.036	0.447	0.03 (-0.04, 0.10)	0.025	0.043	0.572	0.02 (-0.06, 0.11)
15295_81	IGF2	IGF-II	226	0.036	0.019	0.068	0.04 (-2.61e-03, 0.07)	0.412	0.723	0.058	0.039	0.141	0.06 (-0.02, 0.13)	-0.001	0.512	0.024	0.038	0.530	0.02 (-0.05, 0.10)	0.036	0.041	0.384	0.04 (-0.04, 0.12)
18840_205	SH2D1B	SH21B	226	0.035	0.019	0.068	0.04 (-2.55e-03, 0.07)	0.412	0.083	0.052	0.041	0.208	0.05 (-0.03, 0.13)	-0.001	0.635	0.069	0.038	0.072	0.07 (-0.01, 0.14)	0.055	0.038	0.151	0.06 (-0.02, 0.13)
6904_14	LRRTM2	LRRT2	226	-0.033	0.018	0.068	-0.03 (-0.07, 2.42e-03	0.412	0.305	0.032	0.037	0.391	0.03 (-0.04, 0.11)	-0.004	0.045	0.005	0.034	0.881	0.01 (-0.06, 0.07)	-0.004	0.040	0.911	-4.44e-03 (-0.08, 0.07)
9368_64	LRTM1	LRTM1	226	-0.035	0.019	0.068	-0.04 (-0.07, 2.59e-03	0.412	0.786	0.018	0.039	0.651	0.02 (-0.06, 0.09)	-0.003	0.119	-0.004	0.038	0.916	-4.01e-03 (-0.08, 0.0	-0.004	0.042	0.925	-3.99e-03 (-0.09, 0.08)
15570_99	CR2	Complemer	226	-0.044	0.024	0.068	-0.04 (-0.09, 3.32e-03	0.414	4.38E-09	-0.084	0.049	0.086	-0.08 (-0.18, 0.01)	0.002	0.346	0.001	0.038	0.989	5.46e-04 (-0.07, 0.0	-0.012	0.043	0.785	-0.01 (-0.10, 0.07)
8963_8	VTI1B	Vti1-rp1	226	-0.033	0.018	0.068	-0.03 (-0.07, 2.52e-03	0.414	0.624	-0.075	0.037	0.043	-0.07 (-0.15, -2.67e-03)	0.003	0.195	-0.057	0.037	0.127	-0.06 (-0.13, 0.02)	-0.066	0.038	0.086	-0.07 (-0.14, 0.01)
3169_70	IDUA	IDUA	226	0.043	0.024	0.069	0.04 (-3.27e-03, 0.09)	0.415	2.13E-06	0.008	0.047	0.861	0.01 (-0.08, 0.10)	0.002	0.402	0.024	0.034	0.473	0.02 (-0.04, 0.09)	0.040	0.041	0.338	0.04 (-0.04, 0.12)
10451_11	NUCB1	NUCB1	226	0.035	0.019	0.069	0.04 (-2.74e-03, 0.07)	0.416	0.065	0.020	0.042	0.631	0.02 (-0.06, 0.10)	0.001	0.678	0.035	0.038	0.357	0.04 (-0.04, 0.11)	0.051	0.038	0.181	0.05 (-0.02, 0.13)
12625_138	KLHL7	KLHL7	226	0.035	0.019	0.069	0.03 (-2.68e-03, 0.07)	0.416	0.646	-0.014	0.038	0.720	-0.01 (-0.09, 0.06)	0.003	0.147	0.017	0.036	0.633	0.02 (-0.05, 0.09)	0.016	0.042	0.713	0.02 (-0.07, 0.10)
15534_26	MDH2	Malate deh	226	-0.035	0.019	0.069	-0.03 (-0.07, 2.71e-03	0.416	0.876	-0.030	0.039	0.440	-0.03 (-0.11, 0.05)	0.000	0.882	-0.067	0.036	0.067	-0.07 (-0.14, 4.56e-	-0.066	0.042	0.120	-0.07 (-0.15, 0.02)
13991_47	EIF4G3	IF4G3	226	0.035	0.019	0.069	0.03 (-2.72e-03, 0.07)	0.416	0.392	0.052	0.039	0.182	0.05 (-0.02, 0.13)	-0.001	0.606	-0.004	0.035	0.907	-4.16e-03 (-0.07, 0.0	0.003	0.038	0.938	2.95e-03 (-0.07, 0.08)
9360_33	EDIL3	EDIL3	226	-0.033	0.018	0.069	-0.03 (-0.07, 2.63e-03	0.416	0.137	0.016	0.039	0.684	0.02 (-0.06, 0.09)	-0.003	0.145	0.000	0.032	1.000	-4.55e-06 (-0.06, 0.0	0.007	0.040	0.869	0.01 (-0.07, 0.08)
13068_139	CCS	CCS	226	0.039	0.021	0.069	0.04 (-3.05e-03, 0.08)	0.417	0.037	0.016	0.043	0.703	0.02 (-0.07, 0.10)	0.001	0.550	0.039	0.042	0.351	0.04 (-0.04, 0.12)	0.052	0.045	0.241	0.05 (-0.04, 0.14)
13123_3	FLRT3	FLRT3	226	-0.034	0.019	0.069	-0.03 (-0.07, 2.71e-03	0.417	0.070	0.027	0.040	0.504	0.03 (-0.05, 0.11)	-0.004	0.082	0.022	0.032	0.494	0.02 (-0.04, 0.08)	0.036	0.041	0.381	0.04 (-0.04, 0.12)
11388_75	WFDC2	HE4	226	-0.033	0.018	0.070	-0.03 (-0.07, 2.68e-03	0.417	0.237	-0.016	0.038	0.675	-0.02 (-0.09, 0.06)	-0.001	0.604	-0.021	0.038	0.579	-0.02 (-0.09, 0.05)	-0.028	0.042	0.498	-0.03 (-0.11, 0.05)
14013_11	TANK	TANK	226	-0.033	0.018	0.070	-0.03 (-0.07, 2.66e-03	0.417	0.226	-0.049	0.038	0.200	-0.05 (-0.12, 0.03)	0.001	0.633	-0.021	0.037	0.581	-0.02 (-0.09, 0.05)	-0.028	0.039	0.478	-0.03 (-0.10, 0.05)
9204_33	POMC	Corticotropi	226	-0.038	0.021	0.070	-0.04 (-0.08, 3.11e-03	0.417	0.008	-0.013	0.043	0.755	-0.01 (-0.10, 0.07)	-0.002	0.499	-0.048	0.032	0.134	-0.05 (-0.11, 0.01)	-0.022	0.044	0.624	-0.02 (-0.11, 0.06)
2719_3	CSF3R	G-CSF-R	226	0.035	0.019	0.071	0.04 (-2.95e-03, 0.07)	0.421	0.544	0.029	0.039	0.462	0.03 (-0.05, 0.11)	0.000	0.852	0.002	0.034	0.953	1.97e-03 (-0.06, 0.0	-0.016	0.045	0.719	-0.02 (-0.10, 0.07)
12707_26	DPYSL3	DPYL3	226	0.032	0.018	0.071	0.03 (-2.73e-03, 0.07)	0.421	0.475	0.001	0.036	0.977	1.05e-03 (-0.07, 0.07)	0.002	0.320	-0.016	0.032	0.623	-0.02 (-0.08, 0.05)	-0.012	0.036	0.736	-0.01 (-0.08, 0.06)
17391_10	RBM17	SPF45	226	0.033	0.018	0.071	0.03 (-2.80e-03, 0.07)	0.421	0.119	0.058	0.039	0.139	0.06 (-0.02, 0.13)	-0.002	0.466	0.003	0.032	0.918	3.28e-03 (-0.06, 0.0	-0.002	0.038	0.964	-1.73e-03 (-0.08, 0.07)
2765_4	GDF11	GDF-11/8	226	0.039	0.021	0.071	0.04 (-3.31e-03, 0.08)	0.421	7.22E-06	0.032	0.043	0.460	0.03 (-0.05, 0.12)	0.000	0.859	0.003	0.034	0.923	3.31e-03 (-0.06, 0.0	0.019	0.036	0.604	0.02 (-0.05, 0.09)
3032_11	CGA	FSH	226	-0.027	0.015	0.071	-0.03 (-0.06, 2.29e-03	0.421	0.432	-0.026	0.030	0.401	-0.03 (-0.09, 0.03)	0.000	0.956	-0.003	0.028	0.905	-3.29e-03 (-0.06, 0.0	-0.009	0.030	0.750	-0.01 (-0.07, 0.05)
8334_65	TCP11	TCP11	226	-0.034	0.019	0.071	-0.03 (-0.07, 2.90e-03	0.421	0.106	-0.034	0.040	0.396	-0.03 (-0.11, 0.04)	0.000	0.994	-0.022	0.031	0.490	-0.02 (-0.08, 0.04)	-0.015	0.041	0.713	-0.02 (-0.10, 0.07)
9264_11	CTSO	CATO	226	0.038	0.021	0.071	0.04 (-3.24e-03, 0.08)	0.421	0.002	0.086	0.042	0.043	0.09 (3.37e-03, 0.17)	-0.003	0.189	0.068	0.031	0.032	0.07 (0.01, 0.13)	0.070	0.041	0.094	0.07 (-0.01, 0.15)
4542_24	CLU	Clusterin	226	-0.037	0.021	0.071	-0.04 (-0.08, 3.21e-03	0.421	0.019	-0.045	0.042	0.283	-0.04 (-0.13, 0.04)	0.000	0.833	-0.023	0.038	0.542	-0.02 (-0.10, 0.05)	-0.016	0.041	0.702	-0.02 (-0.10, 0.06)
17680_12	EPHB1	EPHB1	226	-0.034	0.019	0.071	-0.03 (-0.07, 2.98e-03	0.422	0.931	-0.012	0.038	0.754	-0.01 (-0.09, 0.06)	-0.001	0.504	-0.019	0.036	0.609	-0.02 (-0.09, 0.05)	-0.023	0.039	0.564	-0.02 (-0.10, 0.05)
4420_7	ADAM12	ADAM12	226	-0.038	0.021	0.071	-0.04 (-0.08, 3.32e-03	0.422	0.008	-0.004	0.043	0.930	-3.74e-03 (-0.09, 0.08)	-0.002	0.354	-0.016	0.042	0.705	-0.02 (-0.10, 0.07)	-0.009	0.045	0.840	-0.01 (-0.10, 0.08)
10490_3	RPN1	RPN1	226	0.037	0.021	0.072	0.04 (-3.32e-03, 0.08)	0.423	0.038	0.046	0.042	0.276	0.05 (-0.04, 0.13)	-0.001	0.818	0.035	0.032	0.270	0.04 (-0.03, 0.10)	0.026	0.042	0.537	0.03 (-0.06, 0.11)
12627_97	ATG7	ATG7	226	-0.035	0.019	0.072	-0.03 (-0.07, 3.12e-03	0.423	0.381	-0.002	0.040	0.951	-2.44e-03 (-0.08, 0.08)	-0.002	0.346	-0.014	0.035	0.678	-0.01 (-0.08, 0.05)	-0.020	0.041	0.623	-0.02 (-0.10, 0.06)
15556_49	AMY2B	Alpha-amyl	226	-0.042	0.023	0.072	-0.04 (-0.09, 3.74e-03	0.423	4.54E-05	0.046	0.046	0.319	0.05 (-0.04, 0.14)	-0.005	0.030	0.003	0.040	0.935	3.24e-03 (-0.07, 0.0	-0.020	0.041	0.628	-0.02 (-0.10, 0.06)
17771_35	CRCP	RPC9	226	0.035	0.020	0.072	0.04 (-3.14e-03, 0.07)	0.423	0.742	0.008	0.039	0.837	0.01 (-0.07, 0.09)	0.002	0.428	0.005	0.038	0.904	4.56e-03 (-0.07, 0.0	0.014	0.038	0.717	0.01 (-0.06, 0.09)
8589_13	CDCP1	CDCP1	226	0.035	0.020	0.072	0.04 (-3.15e-03, 0.07)	0.423	0.157	-0.022	0.041	0.592	-0.02 (-0.10, 0.06)	0.004	0.110	0.035	0.039	0.365	0.04 (-0.04, 0.11)	0.008	0.041	0.837	0.01 (-0.07, 0.09)
9058_1	TIMM21	TIM21	226	-0.035	0.020	0.072	-0.04 (-0.07, 3.12e-03	0.423	0.610	0.059	0.039	0.135	0.06 (-0.02, 0.14)	-0.006	0.006	-0.023	0.040	0.564	-0.02 (-0.10, 0.06)	-0.007	0.044	0.877	-0.01 (-0.09, 0.08)
11677_17	ZDHHC14	ZDH14	226	-0.035	0.019	0.073	-0.03 (-0.07, 3.16e-03	0.423	0.247	-0.056	0.040	0.162	-0.06 (-0.13, 0.02)	0.001	0.534	-0.058	0.041	0.155	-0.06 (-0.14, 0.02)	-0.014	0.040	0.724	-0.01 (-0.09, 0.06)
15321_8	CPLX2	CPLX2	226	-0.034	0.019	0.072	-0.03 (-0.07, 3.06e-03	0.423	0.408	0.036	0.038	0.342	0.04 (-0.04, 0.11)	-0.004	0.035	-0.030	0.039	0.447	-0.03 (-0.11, 0.05)	-0.034	0.039	0.383	-0.03 (-0.11, 0.04)
19448_104	UPP1	UPP1	226	0.038	0.021	0.073	0.04 (-3.49e-03, 0.08)	0.423	3.87E-04	0.026	0.043	0.538	0.03 (-0.06, 0.11)	0.001	0.754	-0.002	0.036	0.957	-1.94e-03 (-0.07, 0.0	0.021	0.037	0.582	0.02 (-0.05, 0.09)
4960_72	ANXA1	annexin I	226	-0.033	0.018	0.072	-0.03 (-0.07, 3.00e-03	0.423	0.545	-0.058	0.037	0.119	-0.06 (-0.13, 0.01)	0.002	0.438	-0.029	0.036	0.428	-0.03 (-0.10, 0.04)	-0.042	0.036	0.245	-0.04 (-0.11, 0.03)
13932_45	ARHGEF7	COOL-1	226	0.035	0.020	0.073	0.04 (-3.27e-03, 0.07)	0.424	0.061	-0.002	0.042	0.971	-1.52e-03 (-0.08, 0.08)	0.002	0.319	0.052	0.041	0.209	0.05 (-0.03, 0.13)	0.056	0.044	0.212	0.06 (-0.03, 0.14)
15579_26	ENPP6	ENPP6	226	0.042	0.023	0.073	0.04 (-3.83e-03, 0.09)	0.424	3.60E-05	0.095	0.046	0.042	0.10 (4.10e-03, 0.19)	-0.003	0.184	0.091	0.035	0.008	0.09 (0.02, 0.16)	0.092	0.041	0.026	0.09 (0.01, 0.17)
19488_1	PDCD6	PDCD6	226	-0.034	0.019	0.073	-0.03 (-0.07, 3.12e-03	0.424	0.278	-0.079	0.039	0.041	-0.08 (-0.16, -3.55e-03)	0.003	0.175	-0.096	0.035	0.007	-0.10 (-0.17, -0.03)	-0.091	0.039	0.020	-0.09 (-0.17, -0.01)
3293_2	CD5L	CD5L	226	0.041	0.023	0.073	0.04 (-3.81e-03, 0.09)	0.424	3.63E-04	0.001	0.046	0.978	1.26e-03 (-0.09, 0.09)	0.002	0.322	0.006	0.036	0.866	0.01 (-0.06, 0.08)	0.010	0.041	0.804	0.01 (-0.07, 0.09)
19152_4	PPP1R2	IPP2	226	0.032	0.018	0.073	0.03 (-3.02e-03, 0.07)	0.424	0.345	0.022	0.037	0.546	0.02 (-0.05, 0.09)	0.001	0.758	0.013	0.030	0.675	0.01 (-0.05, 0.07)	-0.005	0.037	0.897	-4.85e-03 (-0.08, 0.07)
15308_108	VWC2	VWC2	226	-0.031	0.018	0.073	-0.03 (-0.07, 2.98e-03	0.425	0.655	-0.063	0.035	0.076	-0.06 (-0.13, 0.01)	0.002	0.305	-0.053	0.036	0.140	-0.05 (-0.12, 0.02)	-0.051	0.034	0.140	-0.05 (-0.12, 0.02)
5249_31	STK17B	DRAK2	226	0.034	0.019	0.073	0.03 (-3.20e-03, 0.07)	0.425	0.075	0.008	0.041	0.853	0.01 (-0.07, 0.09)	0.002	0.457	0.031	0.040	0.435	0.03 (-0.05, 0.11)	0.018	0.041	0.663	0.02 (-0.06, 0.10)
16324_38	TLR1	TLR1	226	0.035	0.020	0.074	0.03 (-3.34e-03, 0.07)	0.425	0.169	0.002	0.041	0.970	1.56e-03 (-0.08, 0.08)	0.002	0.350	0.010	0.040	0.804	0.01 (-0.07, 0.09)	0.004	0.040	0.929	3.55e-03 (-0.07, 0.08)
4125_52	AGER	sRAGE	226	-0.034	0.019	0.074	-0.03 (-0.07, 3.28e-03	0.425	0.128	-0.006	0.041	0.878	-0.01 (-0.09, 0.07)	-0.002	0.427	-0.078	0.033	0.017	-0.08 (-0.14, -0.01)	-0.087	0.038	0.023	-0.09 (-0.16, -0.01)
6077_63	CECR1	CECR1	226	0.039	0.022	0.074	0.04 (-3.76e-03, 0.08)	0.426	0.004	0.014	0.044	0.759	0.01 (-0.07, 0.10)	0.002	0.505	-0.027	0.038	0.472	-0.03 (-0.10, 0.05)	-0.029	0.042	0.499	-0.03 (-0.11, 0.05)
15494_11	FGFBP1	FGFP1	226	-0.041	0.023	0.074	-0.04 (-0.09, 3.95e-03	0.426	4.28E-05	0.006	0.046	0.894	0.01 (-0.08, 0.10)	-0.003	0.241	-0.018	0.041	0.657	-0.02 (-0.10, 0.06)	0.000	0.043	0.998	1.27e-04 (-0.08, 0.08)
6491_59	KLK15	kallikrein 1!	226	0.033	0.018	0.074	0.03 (-3.17e-03, 0.07)	0.426	0.366	0.040	0.038	0.282	0.04 (-0.03, 0.11)	0.000	0.812	-0.025	0.031	0.413	-0.03 (-0.08, 0.03)	-0.047	0.041	0.250	-0.05 (-0.13, 0.03)
7116_31	OSCAR	OSCAR	226	-0.035	0.019	0.074	-0.03 (-0.07, 3.38e-03	0.426	0.089	-0.026	0.042	0.535	-0.03 (-0.11, 0.06)	-0.001	0.807	0.006	0.037	0.866	0.01 (-0.07, 0.08)	-0.008	0.044	0.853	-0.01 (-0.09, 0.08)
12486_8	GLRX2	GLRX2	226	0.033	0.018	0.074	0.03 (-3.21e-03, 0.07)	0.427	0.922	-0.015	0.037	0.690	-0.01 (-0.09, 0.06)	0.003	0.140	0.020	0.029	0.485	0.02 (-0.04, 0.08)	-0.026	0.039	0.507	-0.03 (-0.10, 0.05)
12700_9	ACLY	ACLY	226	-0.033	0.019	0.075	-0.03 (-0.07, 3.28e-03	0.427	0.422	-0.022	0.038	0.566	-0.02 (-0.10, 0.05)	-0.001	0.728	-0.038	0.038	0.327	-0.04 (-0.11, 0.04)	-0.044	0.035	0.204	-0.04 (-0.11, 0.02)
6103_70	FCRL5	FCRL5	226	-0.039	0.022	0.075	-0.04 (-0.08, 3.86e-03	0.428	0.005	-0.009	0.044	0.846	-0.01 (-0.09, 0.08)	-0.002	0.428	-0.004	0.037	0.920	-3.72e-03 (-0.08, 0.0	-0.028	0.040	0.476	-0.03 (-0.11, 0.05)
11401_181	RNF146	RN146	226	-0.034	0.019	0.075	-0.03 (-0.07, 3.49e-03	0.428	0.785	-0.015	0.039	0.701	-0.01 (-0.09, 0.06)	-0.001	0.566	-0.022	0.038	0.558	-0.02 (-0.10, 0.05)	-0.035	0.039	0.371	-0.04 (-0.11, 0.04)
12424_107	THYN1	THYN1	226	0.033	0.019	0.075	0.03 (-3.33e-03, 0.07)	0.428	0.365	0.041	0.038	0.281	0.04 (-0.03, 0.12)	-0.001	0.807	0.048	0.038	0.197	0.05 (-0.03, 0.12)	0.039	0.037	0.291	0.04 (-0.03, 0.11)
3640_14	LRPAP1	RAP	226	0.037	0.021	0.075	0.04 (-3.77e-03, 0.08)	0.428	0.017	0.047	0.042	0.269	0.05 (-0.04, 0.13)	-0.001	0.794	0.008	0.036	0.818	0.01 (-0.06, 0.08)	0.022	0.036	0.529	0.02 (-0.05, 0.09)
9543_131	COG8	COG8	226	-0.034	0.019	0.075	-0.03 (-0.07, 3.45e-03	0.428	0.062	-0.037	0.041	0.370	-0.04 (-0.12, 0.04)	0.000	0.931	0.001	0.036	0.971	1.31e-03 (-0.07, 0.0	0.000	0.043	0.995	2.67e-04 (-0.08, 0.08)
10903_50	STX8	STX8	226	-0.032	0.018	0.076	-0.03 (-0.07, 3.40e-03	0.429	0.513	-0.078	0.037	0.035	-0.08 (-0.15, -0.01)	0.003	0.154	-0.054	0.038	0.151	-0.05 (-0.13, 0.02)	-0.051	0.038	0.182	-0.05 (-0.13, 0.02)
11219_95	FGFBP3	FGFP3	226	-0.040	0.023	0.077	-0.04 (-0.08, 4.30e-03	0.429	7.64E-05	-0.045	0.046	0.332	-0.04 (-0.13, 0.05)	0.000	0.913	-0.017	0.039	0.656	-0.02 (-0.09, 0.06)	-0.047	0.040	0.236	-0.05 (-0.12, 0.03)
11407_57	PLSCR3	PLS3	226	0.034	0.019	0.076	0.03 (-3.61e-03, 0.07)	0.429	0.420	0.079	0.039	0.047	0.08 (1.57e-03, 0.16)	-0.003	0.196	0.089	0.034	0.009	0.09 (0.02, 0.16)	0.090	0.041	0.027	0.09 (0.01, 0.17)
12385_4	CAPN3	CAN3	226	0.034	0.019	0.076	0.03 (-3.54e-03, 0.07)	0.429	0.164	0.018	0.040	0.648	0.02 (-0.06, 0.10)	0.001	0.659	-0.011	0.032	0.738	-0.01 (-0.07, 0.05)	-0.010	0.037	0.778	-0.01 (-0.08, 0.06)
12509_115	COMMD1	COMD1	226	0.035	0.020	0.076	0.03 (-3.58e-03, 0.07)	0.429	0.068	0.049	0.042	0.248	0.05 (-0.03, 0.13)	-0.001	0.699	0.003	0.035	0.942	2.57e-03 (-0.07, 0.0	0.004	0.043	0.934	3.54e-03 (-0.08, 0.09)
13438_115	CHRD	CHRD	226	-0.035	0.020	0.076	-0.03 (-0.07, 3.58e-03	0.429	0.575	-0.033	0.039	0.407	-0.03 (-0.11, 0.04)	0.000	0.953	-0.002	0.036	0.945	-2.46e-03 (-0.07, 0.0	-0.018	0.039	0.634	-0.02 (-0.09, 0.06)
13464_8	NRAC	NRAC	226	0.034	0.019	0.076	0.03 (-3.60e-03, 0.07)	0.429	0.252	0.050	0.040	0.218	0.05 (-0.03, 0.13)	-0.001	0.659	0.034	0.042	0.422	0.03 (-0.05, 0.12)	0.033	0.046	0.472	0.03 (-0.06, 0.12)
14128_121	IFNA10	IFN10	226	-0.034	0.019	0.076	-0.03 (-0.07, 3.60e-03	0.429	0.501	-0.003	0.039	0.934	-3.19e-03 (-0.08, 0.07)	-0.002	0.360	0.006	0.035	0.855	0.01 (-0.06, 0.07)	0.011	0.048	0.818	0.01 (-0.08, 0.10)
15637_38	SORCS3	SORC3	226	-0.034	0.019	0.075	-0.03 (-0.07, 3.44e-03	0.429	0.156	-0.029	0.040	0.477	-0.03 (-0.11, 0.05)	0.000	0.882	-0.005	0.034	0.874	-0.01 (-0.07, 0.06)	0.003	0.044	0.937	3.43e-03 (-0.08, 0.09)
15669_7	BRAF	BRAF1	226	0.032	0.018	0.077	0.03 (-3.39e-03, 0.07)	0.429	0.356	0.045	0.037	0.225	0.04 (-0.03, 0.12)	-0.001	0.684	-0.014	0.033	0.666	-0.01 (-0.08, 0.05)	-0.023	0.040	0.567	-0.02 (-0.10, 0.06)
4194_26	ANP32B	AN32B	226	-0.034	0.019	0.076	-0.03 (-0.07, 3.58e-03	0.429	0.291	-0.030	0.040	0.451	-0.03 (-0.11, 0.05)	0.000	0.907	-0.060	0.037	0.111	-0.06 (-0.13, 0.01)	-0.054	0.042	0.200	-0.05 (-0.14, 0.03)
5280_68	SLC25A18	GHC2	226	-0.034	0.019	0.076	-0.03 (-0.07, 3.64e-03	0.429	0.729	-0.011	0.039	0.784	-0.01 (-0.09, 0.07)	-0.001	0.487	-0.052	0.041	0.213	-0.05 (-0.13, 0.03)	-0.059	0.043	0.166	-0.06 (-0.14, 0.02)
5858_6	YWHAZ	14-3-3 prot	226	-0.033	0.019	0.076	-0.03 (-0.07, 3.52e-03	0.429	0.338	-0.029	0.039	0.459	-0.03 (-0.10, 0.05)	0.000	0.890	-0.069	0.035	0.049	-0.07 (-0.14, -2.79e-	-0.060	0.040	0.132	-0.06 (-0.14, 0.02)
6504_65	LOXL2	Lysyl oxida	226	-0.039	0.022	0.076	-0.04 (-0.08, 4.02e-03	0.429	0.006	0.029	0.044	0.505	0.03 (-0.06, 0.11)	-0.004	0.075	-0.047	0.038	0.222	-0.05 (-0.12, 0.03)	-0.030	0.042	0.473	-0.03 (-0.11, 0.05)
6915_2	CD164L2	C16L2	226	0.035	0.020	0.076	0.03 (-3.60e-03, 0.07)	0.429	0.057	0.008	0.042	0.854	0.01 (-0.08, 0.09)	0.002	0.464	0.033	0.045	0.466	0.03 (-0.06, 0.12)	0.024	0.047	0.612	0.02 (-0.07, 0.12)
9374_24	NNAT	NNAT	226	0.035	0.020	0.076	0.03 (-3.60e-03, 0.07)	0.429	0.333	0.013	0.040	0.743	0.01 (-0.07, 0.09)	0.001	0.538	0.002	0.039	0.961	1.91e-03 (-0.07, 0.0	0.015	0.046	0.751	0.01 (-0.08, 0.11)
10073_22	TDP1	TYDP1	226	0.033	0.018	0.077	0.03 (-3.54e-03, 0.07)	0.429	0.356	0.042	0.038	0.268	0.04 (-0.03, 0.12)	-0.001	0.776	0.000	0.036	0.995	-2.34e-04 (-0.07, 0.0	-0.004	0.040	0.914	-4.34e-03 (-0.08, 0.07)
10426_21	GOSR2	GOSR2	226	0.034	0.020	0.080	0.03 (-4.13e-03, 0.07)	0.429	0.215	0.016	0.041	0.692	0.02 (-0.06, 0.10)	0.001	0.613	0.030	0.041	0.462	0.03 (-0.05, 0.11)	0.032	0.039	0.406	0.03 (-0.04, 0.11)
10603_1	HTN3	HIS3	226	-0.038	0.021	0.079	-0.04 (-0.08, 4.29e-03	0.429	0.003	0.060	0.042	0.156	0.06 (-0.02, 0.14)	-0.006	0.008	0.010	0.033	0.759	0.01 (-0.05, 0.07)	0.037	0.042	0.389	0.04 (-0.05, 0.12)
10731_10	HS3ST5	HS3S5	226	0.036	0.020	0.080	0.04 (-4.32e-03, 0.08)	0.429	0.008	0.025	0.041	0.544	0.03 (-0.06, 0.11)	0.001	0.767	0.034	0.038	0.372	0.03 (-0.04, 0.11)	0.031	0.038	0.416	0.03 (-0.04, 0.10)
11911_13	LRRC4B	LRC4B	226	-0.034	0.019	0.080	-0.03 (-0.07, 4.05e-03	0.429	0.063	-0.004	0.042	0.931	-3.65e-03 (-0.09, 0.08)	-0.002	0.405	0.007	0.041	0.862	0.01 (-0.07, 0.09)	0.016	0.042	0.710	0.02 (-0.07, 0.10)
12376_85	CDKN2D	p19-INK4d	226	0.032	0.018	0.080	0.03 (-3.75e-03, 0.07)	0.429	0.680	-0.016	0.036	0.656	-0.02 (-0.09, 0.06)	0.003	0.131	-0.005	0.030	0.874	-4.73e-03 (-0.06, 0.0	-0.025	0.040	0.533	-0.03 (-0.10, 0.05)
12382_2	DDX58	DDX58	226	0.034	0.019	0.078	0.03 (-3.79e-03, 0.07)	0.429	0.551	0.059	0.039	0.129	0.06 (-0.02, 0.14)	-0.002	0.457	0.022	0.039	0.575	0.02 (-0.05, 0.10)	0.018	0.041	0.661	0.02 (-0.06, 0.10)
12415_122	EDF1	EDF1	226	0.037	0.021	0.079	0.04 (-4.24e-03, 0.08)	0.429	0.022	-0.019	0.042	0.661	-0.02 (-0.10, 0.06)	0.003	0.131	0.015	0.042	0.715	0.02 (-0.07, 0.10)	0.001	0.044	0.976	1.36e-03 (-0.09, 0.09)
12834_3	KCNF1	KCNF1	226	0.036	0.020	0.077	0.04 (-3.95e-03, 0.08)	0.429	0.046	0.037	0.041	0.376	0.04 (-0.04, 0.12)	0.000	0.989	-0.040	0.033	0.234	-0.04 (-0.11, 0.03)	-0.051	0.044	0.247	-0.05 (-0.14, 0.04)
13411_21	RNF41	RNF41	226	0.032	0.018	0.081	0.03 (-3.89e-03, 0.07)	0.429	0.546	0.027	0.037	0.463	0.03 (-0.04, 0.10)	0.000	0.880	0.012	0.029	0.670	0.01 (-0.04, 0.07)	-0.009	0.042	0.836	-0.01 (-0.09, 0.07)
13519_112	ARHGEF25	ARHGP	226	-0.037	0.021	0.080	-0.04 (-0.08, 4.40e-03	0.429	0.018	-0.029	0.043	0.496	-0.03 (-0.11, 0.05)	0.000	0.830	-0.007	0.033	0.837	-0.01 (-0.07, 0.06)	0.001	0.043	0.972	1.49e-03 (-0.08, 0.09)
13605_16	ANXA10	ANX10	226	-0.034	0.019	0.077	-0.03 (-0.07, 3.61e-03	0.429	0.855	-0.056	0.038	0.143	-0.06 (-0.13, 0.02)	0.001	0.496	-0.050	0.038	0.191	-0.05 (-0.12, 0.02)	-0.055	0.042	0.189	-0.05 (-0.14, 0.03)
13947_371	NUDT12	NUD12	226	0.037	0.021	0.079	0.04 (-4.39e-03, 0.08)	0.429	0.010	0.061	0.043	0.158	0.06 (-0.02, 0.14)	-0.001	0.528	0.017	0.035	0.632	0.02 (-0.05, 0.08)	0.009	0.037	0.807	0.01 (-0.06, 0.08)
14060_67	NCF4	NCF4	226	0.034	0.020	0.079	0.03 (-4.00e-03, 0.07)	0.429	0.401	0.007	0.040	0.851	0.01 (-0.07, 0.09)	0.002	0.438	0.004	0.039	0.928	3.51e-03 (-0.07, 0.0	-0.001	0.043	0.980	-1.07e-03 (-0.09, 0.08)
14705_1	FIGF	VEGF-D	226	-0.033	0.019	0.081	-0.03 (-0.07, 4.05e-03	0.429	0.311	0.022	0.039	0.577	0.02 (-0.05, 0.10)	-0.003	0.106	0.001	0.032	0.965	1.44e-03 (-0.06, 0.0	0.015	0.041	0.716	0.01 (-0.06, 0.09)
14713_46	AZU1	Azurocidin	226	-0.034	0.020	0.079	-0.03 (-0.07, 4.03e-03	0.429	0.785	-0.053	0.039	0.179	-0.05 (-0.13, 0.02)	0.001	0.582	-0.036	0.041	0.388	-0.04 (-0.12, 0.05)	-0.043	0.039	0.273	-0.04 (-0.12, 0.03)
15387_44	NRP2	Neuropilin-:	226	-0.039	0.022	0.079	-0.04 (-0.08, 4.54e-03	0.429	1.40E-05	-0.003	0.045	0.946	-3.07e-03 (-0.09, 0.09)	-0.002	0.356	-0.067	0.038	0.075	-0.07 (-0.14, 0.01)	-0.051	0.040	0.201	-0.05 (-0.13, 0.03)
15558_63	ENPEP	AMPE	226	-0.033	0.019	0.081	-0.03 (-0.07, 3.99e-03	0.429	0.560	0.006	0.038	0.877	0.01 (-0.07, 0.08)	-0.002	0.240	0.000	0.037	0.992	3.83e-04 (-0.07, 0.0	0.003	0.044	0.949	2.81e-03 (-0.08, 0.09)
15615_8	LILRB3	LIRB3	226	-0.034	0.020	0.081	-0.03 (-0.07, 4.18e-03	0.429	0.101	0.016	0.042	0.701	0.02 (-0.07, 0.10)	-0.003	0.166	0.017	0.034	0.622	0.02 (-0.05, 0.08)	0.034	0.040	0.398	0.03 (-0.04, 0.11)
16315_105	FLT1	VEGF sR1	226	0.034	0.019	0.079	0.03 (-3.92e-03, 0.07)	0.429	0.349	0.086	0.040	0.031	0.09 (0.01, 0.16)	-0.003	0.132	0.077	0.036	0.034	0.08 (0.01, 0.15)	0.070	0.040	0.082	0.07 (-0.01, 0.15)
17743_14	UBE2A	UBE2A	226	0.038	0.021	0.079	0.04 (-4.34e-03, 0.08)	0.429	0.023	-0.010	0.043	0.822	-0.01 (-0.09, 0.07)	0.003	0.206	-0.002	0.040	0.951	-2.47e-03 (-0.08, 0.0	0.022	0.045	0.621	0.02 (-0.07, 0.11)
18225_13	HEBP1	HEBP1	226	-0.034	0.020	0.079	-0.03 (-0.07, 3.95e-03	0.429	0.375	-0.020	0.040	0.611	-0.02 (-0.10, 0.06)	-0.001	0.688	-0.077	0.040	0.053	-0.08 (-0.16, 1.04e-	-0.066	0.040	0.098	-0.07 (-0.14, 0.01)
18407_36	ARL2BP	AR2BP	226	-0.033	0.019	0.081	-0.03 (-0.07, 4.07e-03	0.429	0.064	-0.092	0.041	0.025	-0.09 (-0.17, -0.01)	0.004	0.099	-0.039	0.030	0.195	-0.04 (-0.10, 0.02)	-0.069	0.039	0.076	-0.07 (-0.15, 0.01)
18415_16	ARL6	ARL6	226	0.031	0.018	0.080	0.03 (-3.76e-03, 0.07)	0.429	0.301	-0.013	0.037	0.717	-0.01 (-0.08, 0.06)	0.003	0.164	-0.015	0.032	0.639	-0.01 (-0.08, 0.05)	-0.015	0.039	0.705	-0.01 (-0.09, 0.06)
18945_11	RGS1	RGS1	226	0.032	0.018	0.079	0.03 (-3.73e-03, 0.07)	0.429	0.089	0.052	0.039	0.187	0.05 (-0.02, 0.13)	-0.001	0.561	0.016	0.036	0.670	0.02 (-0.06, 0.09)	0.037	0.039	0.342	0.04 (-0.04, 0.11)
19118_47	OSTF1	OSTF1	226	0.033	0.019	0.079	0.03 (-3.91e-03, 0.07)	0.429	0.066	-0.004	0.041	0.924	-3.91e-03 (-0.08, 0.08)	0.002	0.295	-0.008	0.032	0.801	-0.01 (-0.07, 0.06)	-0.019	0.039	0.624	-0.02 (-0.10, 0.06)
19267_14	HAGH	GLO2	226	-0.034	0.019	0.078	-0.03 (-0.07, 3.81e-03	0.429	0.770	-0.027	0.039	0.490	-0.03 (-0.10, 0.05)	0.000	0.831	-0.045	0.040	0.252	-0.05 (-0.12, 0.03)	-0.071	0.040	0.076	-0.07 (-0.15, 0.01)
19369_17	KAT2A	GCNL2	226	-0.034	0.019	0.079	-0.03 (-0.07, 3.99e-03	0.429	0.468	-0.014	0.039	0.729	-0.01 (-0.09, 0.06)	-0.001	0.549	-0.054	0.038	0.156	-0.05 (-0.13, 0.02)	-0.050	0.040	0.217	-0.05 (-0.13, 0.03)
2505_49	GFRA3	GFRa-3	226	0.033	0.019	0.077	0.03 (-3.63e-03, 0.07)	0.429	0.131	0.048	0.040	0.227	0.05 (-0.03, 0.13)	-0.001	0.662	-0.003	0.034	0.939	-2.62e-03 (-0.07, 0.0	0.015	0.041	0.722	0.01 (-0.07, 0.10)
2843_13	SPINT2	SPINT2	226	0.037	0.021	0.078	0.04 (-4.19e-03, 0.08)	0.429	0.004	-0.050	0.042	0.240	-0.05 (-0.13, 0.03)	0.005	0.018	0.001	0.032	0.964	1.44e-03 (-0.06, 0.0	-0.051	0.042	0.224	-0.05 (-0.13, 0.03)
2979_8	CXCL5	ENA-78	226	0.041	0.023	0.077	0.04 (-4.48e-03, 0.09)	0.429	7.42E-07	-0.010	0.046	0.828	-0.01 (-0.10, 0.08)	0.003	0.209	0.050	0.038	0.193	0.05 (-0.03, 0.12)	0.054	0.039	0.170	0.05 (-0.02, 0.13)
2982_82	LGALS4	Galectin-4	226	0.033	0.019	0.078	0.03 (-3.67e-03, 0.07)	0.429	0.073	0.025	0.040	0.541	0.02 (-0.05, 0.10)	0.001	0.814	-0.009	0.030	0.760	-0.01 (-0.07, 0.05)	-0.011	0.041	0.789	-0.01 (-0.09, 0.07)
2994_71	IL1RL2	IL-1Rrp2	226	-0.038	0.022	0.080	-0.04 (-0.08, 4.54e-03	0.429	0.002	-0.047	0.044	0.292	-0.05 (-0.13, 0.04)	0.001	0.827	-0.022	0.039	0.580	-0.02 (-0.10, 0.05)	-0.036	0.038	0.351	-0.04 (-0.11, 0.04)
3055_54	IL4R	IL-4 sR	226	-0.034	0.019	0.079	-0.03 (-0.07, 3.89e-03	0.429	0.197	0.009	0.040	0.826	0.01 (-0.07, 0.09)	-0.003	0.223	-0.013	0.037	0.730	-0.01 (-0.09, 0.06)	-0.024	0.040	0.558	-0.02 (-0.10, 0.06)
3151_6	IL2RA	IL-2 sRa	226	0.034	0.020	0.078	0.03 (-3.83e-03, 0.07)	0.429	0.764	0.036	0.039	0.357	0.04 (-0.04, 0.11)	0.000	0.956	-0.017	0.036	0.631	-0.02 (-0.09, 0.05)	-0.020	0.041	0.617	-0.02 (-0.10, 0.06)
3309_2	FCGR2A	FCG2A	226	-0.034	0.020	0.080	-0.03 (-0.07, 4.08e-03	0.429	0.925	-0.052	0.039	0.186	-0.05 (-0.13, 0.02)	0.001	0.600	-0.065	0.038	0.084	-0.06 (-0.14, 0.01)	-0.065	0.040	0.110	-0.06 (-0.14, 0.01)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
3388_58	PAK7	PAK7	226	0.033	0.019	0.079	0.03 (-3.82e-03, 0.07)	0.429	0.189	0.019	0.039	0.621	0.02 (-0.06, 0.10)	0.001	0.695	-0.001	0.035	0.987	-5.59e-04 (-0.07, 0.0	0.005	0.039	0.896	0.01 (-0.07, 0.08)
5265_12	GRAP2	GRB2-relat	226	-0.034	0.020	0.081	-0.03 (-0.07, 4.16e-03	0.429	0.416	-0.048	0.040	0.229	-0.05 (-0.13, 0.03)	0.001	0.689	-0.018	0.040	0.657	-0.02 (-0.10, 0.06)	-0.032	0.041	0.436	-0.03 (-0.11, 0.05)
5730_60	CXCL14	BRAK	226	0.032	0.018	0.079	0.03 (-3.79e-03, 0.07)	0.429	0.482	-0.008	0.037	0.831	-0.01 (-0.08, 0.06)	0.003	0.213	-0.009	0.031	0.769	-0.01 (-0.07, 0.05)	-0.036	0.039	0.366	-0.04 (-0.11, 0.04)
6470_19	FBLN1	fibulin 1	226	-0.038	0.021	0.080	-0.04 (-0.08, 4.43e-03	0.429	0.001	-0.006	0.043	0.887	-0.01 (-0.09, 0.08)	-0.002	0.403	-0.042	0.041	0.302	-0.04 (-0.12, 0.04)	-0.032	0.042	0.456	-0.03 (-0.11, 0.05)
6508_68	SCGB1D2	SG1D2	226	0.031	0.018	0.080	0.03 (-3.74e-03, 0.07)	0.429	0.090	0.016	0.038	0.681	0.02 (-0.06, 0.09)	0.001	0.642	-0.016	0.031	0.610	-0.02 (-0.08, 0.05)	0.013	0.039	0.750	0.01 (-0.06, 0.09)
6606_61	KISS1	KISS1	226	-0.040	0.023	0.079	-0.04 (-0.08, 4.68e-03	0.429	3.15E-04	0.012	0.046	0.791	0.01 (-0.08, 0.10)	-0.003	0.192	-0.007	0.040	0.860	-0.01 (-0.09, 0.07)	-0.002	0.042	0.967	-1.73e-03 (-0.09, 0.08)
6918_183	CCK	CCKN	226	-0.033	0.019	0.081	-0.03 (-0.07, 4.05e-03	0.429	0.368	0.016	0.038	0.672	0.02 (-0.06, 0.09)	-0.003	0.142	-0.020	0.041	0.624	-0.02 (-0.10, 0.06)	-0.029	0.042	0.493	-0.03 (-0.11, 0.05)
7821_6	C1D	C1D	226	0.034	0.019	0.077	0.03 (-3.76e-03, 0.07)	0.429	0.077	-0.021	0.042	0.619	-0.02 (-0.10, 0.06)	0.003	0.128	-0.006	0.035	0.872	-0.01 (-0.07, 0.06)	-0.025	0.042	0.558	-0.02 (-0.11, 0.06)
8005_1	MXRA7	MXRA7	226	-0.037	0.021	0.077	-0.04 (-0.08, 4.04e-03	0.429	0.007	-0.056	0.042	0.191	-0.06 (-0.14, 0.03)	0.001	0.616	-0.056	0.039	0.154	-0.06 (-0.13, 0.02)	-0.046	0.042	0.277	-0.05 (-0.13, 0.04)
8388_24	SPAST	Spastin	226	0.034	0.019	0.079	0.03 (-3.98e-03, 0.07)	0.429	0.663	0.007	0.039	0.849	0.01 (-0.07, 0.08)	0.002	0.434	0.011	0.040	0.783	0.01 (-0.07, 0.09)	0.002	0.043	0.959	2.21e-03 (-0.08, 0.09)
8396_42	FAAH2	FAAH2	226	-0.034	0.019	0.080	-0.03 (-0.07, 4.11e-03	0.429	0.523	-0.004	0.039	0.915	-4.19e-03 (-0.08, 0.07)	-0.002	0.382	-0.038	0.042	0.361	-0.04 (-0.12, 0.04)	-0.051	0.044	0.241	-0.05 (-0.14, 0.03)
8843_34	MYRF	MRF	226	0.034	0.020	0.078	0.03 (-3.84e-03, 0.07)	0.429	0.231	-0.016	0.041	0.696	-0.02 (-0.10, 0.06)	0.003	0.155	-0.004	0.037	0.905	-4.45e-03 (-0.08, 0.0	-0.006	0.043	0.887	-0.01 (-0.09, 0.08)
8887_21	NUDC	NUDC	226	0.032	0.018	0.078	0.03 (-3.69e-03, 0.07)	0.429	0.613	0.026	0.037	0.477	0.03 (-0.05, 0.10)	0.000	0.853	0.039	0.030	0.186	0.04 (-0.02, 0.10)	0.010	0.039	0.800	0.01 (-0.07, 0.09)
9745_20	EIF4E2	IF4E2	226	0.033	0.019	0.080	0.03 (-3.87e-03, 0.07)	0.429	0.597	0.024	0.038	0.515	0.02 (-0.05, 0.10)	0.001	0.801	-0.019	0.032	0.555	-0.02 (-0.08, 0.04)	-0.016	0.042	0.711	-0.02 (-0.10, 0.07)
10047_12	NCF2	NCF-2	226	0.037	0.021	0.081	0.04 (-4.56e-03, 0.08)	0.429	0.025	0.048	0.042	0.264	0.05 (-0.04, 0.13)	-0.001	0.768	0.073	0.039	0.061	0.07 (-3.39e-03, 0.1	0.043	0.039	0.271	0.04 (-0.03, 0.12)
10447_18	PABPC3	PABP3	226	0.032	0.018	0.082	0.03 (-4.00e-03, 0.07)	0.429	0.625	0.033	0.037	0.373	0.03 (-0.04, 0.11)	0.000	0.973	0.005	0.029	0.853	0.01 (-0.05, 0.06)	-0.015	0.038	0.691	-0.01 (-0.09, 0.06)
10890_135	LCTL	LCTL	226	0.034	0.020	0.082	0.03 (-4.27e-03, 0.07)	0.429	0.120	-0.014	0.041	0.736	-0.01 (-0.10, 0.07)	0.003	0.183	0.001	0.039	0.977	1.12e-03 (-0.08, 0.0	0.007	0.037	0.848	0.01 (-0.07, 0.08)
12365_108	RUVBL1	RUVB1	226	0.033	0.019	0.081	0.03 (-4.18e-03, 0.07)	0.429	0.691	0.052	0.039	0.184	0.05 (-0.02, 0.13)	-0.001	0.591	0.005	0.034	0.878	0.01 (-0.06, 0.07)	0.001	0.044	0.974	1.45e-03 (-0.09, 0.09)
13580_2	UAP1	Sperm-assc	226	0.036	0.021	0.081	0.04 (-4.48e-03, 0.08)	0.429	0.047	0.026	0.042	0.531	0.03 (-0.06, 0.11)	0.001	0.786	-0.033	0.035	0.345	-0.03 (-0.10, 0.04)	-0.028	0.041	0.491	-0.03 (-0.11, 0.05)
2201_17	COL18A1	Endostatin	226	-0.034	0.019	0.081	-0.03 (-0.07, 4.20e-03	0.429	0.534	-0.054	0.039	0.170	-0.05 (-0.13, 0.02)	0.001	0.556	-0.082	0.036	0.024	-0.08 (-0.15, -0.01)	-0.067	0.044	0.134	-0.07 (-0.15, 0.02)
3874_8	UBE2L3	UB2L3	226	0.032	0.018	0.082	0.03 (-3.96e-03, 0.07)	0.429	0.527	0.022	0.036	0.544	0.02 (-0.05, 0.09)	0.001	0.768	-0.010	0.030	0.747	-0.01 (-0.07, 0.05)	-0.046	0.041	0.259	-0.05 (-0.13, 0.03)
7792_58	CCDC90B	CC90B	226	0.032	0.018	0.081	0.03 (-3.98e-03, 0.07)	0.429	0.165	-0.004	0.039	0.914	-4.18e-03 (-0.08, 0.07)	0.002	0.282	-0.021	0.031	0.497	-0.02 (-0.08, 0.04)	-0.019	0.038	0.614	-0.02 (-0.09, 0.06)
17152_10	KIR2DS4	KI2S4	226	-0.036	0.021	0.082	-0.04 (-0.08, 4.59e-03	0.429	0.042	-0.064	0.042	0.133	-0.06 (-0.15, 0.02)	0.002	0.458	-0.043	0.040	0.290	-0.04 (-0.12, 0.04)	-0.033	0.038	0.385	-0.03 (-0.11, 0.04)
10003_15	ZNF41	ZNF41	226	-0.034	0.020	0.083	-0.03 (-0.07, 4.40e-03	0.429	0.905	-0.050	0.039	0.207	-0.05 (-0.13, 0.03)	0.001	0.643	-0.008	0.039	0.844	-0.01 (-0.08, 0.07)	-0.007	0.042	0.865	-0.01 (-0.09, 0.08)
10070_22	PLCG2	PLCG2	226	0.032	0.018	0.083	0.03 (-4.10e-03, 0.07)	0.429	0.256	0.027	0.038	0.475	0.03 (-0.05, 0.10)	0.000	0.891	0.008	0.032	0.809	0.01 (-0.05, 0.07)	0.020	0.039	0.598	0.02 (-0.06, 0.10)
11549_6	ISL1	ISL1	226	-0.033	0.019	0.082	-0.03 (-0.07, 4.18e-03	0.429	0.870	0.027	0.038	0.473	0.03 (-0.05, 0.10)	-0.004	0.070	-0.020	0.036	0.579	-0.02 (-0.09, 0.05)	-0.046	0.040	0.256	-0.05 (-0.12, 0.03)
12636_113	SMYD2	SMYD2	226	-0.033	0.019	0.082	-0.03 (-0.07, 4.27e-03	0.429	0.423	-0.045	0.039	0.244	-0.05 (-0.12, 0.03)	0.001	0.718	-0.015	0.032	0.646	-0.01 (-0.08, 0.05)	-0.001	0.040	0.982	-8.83e-04 (-0.08, 0.08)
12671_35	SULT1B1	ST1B1	226	-0.033	0.019	0.082	-0.03 (-0.07, 4.22e-03	0.429	0.285	0.042	0.039	0.282	0.04 (-0.03, 0.12)	-0.005	0.027	-0.010	0.032	0.763	-0.01 (-0.07, 0.05)	0.013	0.047	0.774	0.01 (-0.08, 0.11)
12681_63	USP21	UBP21	226	0.033	0.019	0.082	0.03 (-4.12e-03, 0.07)	0.429	0.462	0.046	0.038	0.229	0.05 (-0.03, 0.12)	-0.001	0.690	0.041	0.039	0.295	0.04 (-0.04, 0.12)	0.072	0.040	0.071	0.07 (-0.01, 0.15)
13112_179	FSTL1	FSTL1	226	-0.041	0.023	0.083	-0.04 (-0.09, 0.01)	0.429	5.80E-06	0.007	0.047	0.874	0.01 (-0.08, 0.10)	-0.003	0.240	-0.023	0.036	0.518	-0.02 (-0.09, 0.05)	-0.045	0.045	0.323	-0.04 (-0.13, 0.04)
18240_6	OMP	OMP	226	0.038	0.022	0.082	0.04 (-4.84e-03, 0.08)	0.429	0.010	0.022	0.044	0.617	0.02 (-0.06, 0.11)	0.001	0.680	0.022	0.039	0.569	0.02 (-0.05, 0.10)	0.056	0.038	0.147	0.06 (-0.02, 0.13)
18893_26	GPR56	GPR56	226	0.033	0.019	0.083	0.03 (-4.23e-03, 0.07)	0.429	0.501	0.000	0.038	0.999	-3.72e-05 (-0.07, 0.07)	0.002	0.321	0.040	0.041	0.336	0.04 (-0.04, 0.12)	0.041	0.040	0.305	0.04 (-0.04, 0.12)
5026_66	RPS3	RS3	226	0.031	0.018	0.082	0.03 (-3.97e-03, 0.07)	0.429	0.084	-0.021	0.038	0.588	-0.02 (-0.10, 0.05)	0.003	0.120	0.016	0.029	0.571	0.02 (-0.04, 0.07)	-0.014	0.037	0.702	-0.01 (-0.09, 0.06)
5301_7	CCL11	Eotaxin	226	-0.033	0.019	0.082	-0.03 (-0.07, 4.18e-03	0.429	0.683	0.013	0.038	0.727	0.01 (-0.06, 0.09)	-0.003	0.164	0.001	0.039	0.989	5.35e-04 (-0.08, 0.0	0.008	0.040	0.841	0.01 (-0.07, 0.09)
8795_48	TFRC	TR	226	-0.037	0.021	0.083	-0.04 (-0.08, 4.83e-03	0.429	0.009	-0.068	0.043	0.117	-0.07 (-0.15, 0.02)	0.002	0.413	-0.042	0.040	0.296	-0.04 (-0.12, 0.04)	-0.048	0.040	0.233	-0.05 (-0.13, 0.03)
10569_28	MFAP2	MFAP2	226	0.033	0.019	0.083	0.03 (-4.37e-03, 0.07)	0.429	0.110	-0.009	0.041	0.821	-0.01 (-0.09, 0.07)	0.003	0.232	-0.005	0.035	0.888	-4.93e-03 (-0.07, 0.0	0.005	0.041	0.907	4.75e-03 (-0.07, 0.08)
13076_4	FXR1	FXR1	226	0.032	0.019	0.083	0.03 (-4.26e-03, 0.07)	0.429	0.599	0.012	0.038	0.746	0.01 (-0.06, 0.09)	0.001	0.537	-0.018	0.031	0.560	-0.02 (-0.08, 0.04)	-0.030	0.038	0.428	-0.03 (-0.10, 0.04)
13416_8	TMEM132D	T132D	226	-0.034	0.019	0.083	-0.03 (-0.07, 4.43e-03	0.429	0.030	0.076	0.038	0.050	0.08 (4.96e-04, 0.15)	-0.007	0.001	-0.031	0.030	0.313	-0.03 (-0.09, 0.03)	0.012	0.040	0.770	0.01 (-0.07, 0.09)
3192_3	CNDP2	Glutamate c	226	0.034	0.020	0.083	0.03 (-4.45e-03, 0.07)	0.429	0.101	-0.012	0.042	0.776	-0.01 (-0.09, 0.07)	0.003	0.207	-0.017	0.035	0.617	-0.02 (-0.09, 0.05)	0.003	0.043	0.952	2.59e-03 (-0.08, 0.09)
5085_18	IL20RA	IL-20 Ra	226	-0.034	0.020	0.083	-0.03 (-0.07, 4.45e-03	0.429	0.091	0.024	0.042	0.565	0.02 (-0.06, 0.11)	-0.004	0.111	-0.025	0.041	0.539	-0.02 (-0.10, 0.05)	-0.037	0.040	0.360	-0.04 (-0.12, 0.04)
7986_98	NAALAD2	NALD2	226	-0.035	0.020	0.083	-0.04 (-0.07, 4.58e-03	0.429	0.017	-0.061	0.041	0.137	-0.06 (-0.14, 0.02)	0.002	0.466	-0.026	0.037	0.486	-0.03 (-0.10, 0.05)	-0.034	0.039	0.388	-0.03 (-0.11, 0.04)
8890_9	TMEM132B	T132B	226	-0.033	0.019	0.083	-0.03 (-0.07, 4.40e-03	0.429	0.034	0.080	0.038	0.035	0.08 (0.01, 0.15)	-0.007	0.001	-0.014	0.030	0.636	-0.01 (-0.07, 0.04)	0.014	0.037	0.707	0.01 (-0.06, 0.09)
17460_51	MX1	Mx1	226	0.036	0.021	0.084	0.04 (-4.83e-03, 0.08)	0.430	0.034	0.013	0.042	0.763	0.01 (-0.07, 0.10)	0.001	0.523	0.023	0.031	0.459	0.02 (-0.04, 0.08)	-0.001	0.041	0.984	-8.37e-04 (-0.08, 0.08)
3714_49	CKB	CK-MB	226	0.032	0.018	0.084	0.03 (-4.22e-03, 0.07)	0.430	0.059	0.057	0.039	0.150	0.06 (-0.02, 0.13)	-0.002	0.459	0.027	0.037	0.475	0.03 (-0.05, 0.10)	0.025	0.039	0.520	0.02 (-0.05, 0.10)
3867_49	SEZ6L2	SE6L2	226	0.032	0.018	0.084	0.03 (-4.21e-03, 0.07)	0.430	0.727	0.029	0.037	0.439	0.03 (-0.04, 0.10)	0.000	0.923	-0.004	0.029	0.896	-3.85e-03 (-0.06, 0.0	-0.036	0.045	0.422	-0.04 (-0.12, 0.05)
7121_2	SYT7	SYT7	226	-0.034	0.020	0.084	-0.03 (-0.07, 4.52e-03	0.430	0.591	-0.009	0.039	0.816	-0.01 (-0.09, 0.07)	-0.002	0.472	0.006	0.037	0.872	0.01 (-0.07, 0.08)	-0.002	0.043	0.962	-2.03e-03 (-0.09, 0.08)
9125_23	MASP1	MASP3	226	0.033	0.019	0.084	0.03 (-4.42e-03, 0.07)	0.430	0.357	0.023	0.039	0.554	0.02 (-0.05, 0.10)	0.001	0.773	0.063	0.039	0.103	0.06 (-0.01, 0.14)	0.053	0.043	0.221	0.05 (-0.03, 0.14)
15441_6	GM2A	SAP3	226	-0.041	0.024	0.084	-0.04 (-0.09, 0.01)	0.430	1.68E-06	-0.127	0.047	0.008	-0.13 (-0.22, -0.03)	0.005	0.037	-0.101	0.035	0.004	-0.10 (-0.17, -0.03)	-0.109	0.042	0.009	-0.11 (-0.19, -0.03)
6372_7	YBX2	YBOX2	226	0.036	0.021	0.084	0.04 (-4.92e-03, 0.08)	0.430	0.001	-0.036	0.042	0.388	-0.04 (-0.12, 0.05)	0.005	0.048	-0.043	0.034	0.199	-0.04 (-0.11, 0.02)	-0.055	0.042	0.195	-0.06 (-0.14, 0.03)
6456_17	PSG6	PSG6	226	-0.034	0.020	0.084	-0.03 (-0.07, 4.55e-03	0.430	0.636	-0.004	0.039	0.915	-4.21e-03 (-0.08, 0.07)	-0.002	0.388	0.019	0.037	0.610	0.02 (-0.05, 0.09)	0.019	0.045	0.666	0.02 (-0.07, 0.11)
9772_153	NLGN2	NLGN2	226	-0.035	0.020	0.084	-0.04 (-0.08, 4.77e-03	0.430	0.038	-0.004	0.041	0.932	-3.52e-03 (-0.08, 0.08)	-0.002	0.375	-0.013	0.037	0.727	-0.01 (-0.09, 0.06)	-0.014	0.039	0.719	-0.01 (-0.09, 0.06)
12503_5	GPR68	SPR1	226	0.033	0.019	0.085	0.03 (-4.46e-03, 0.07)	0.430	0.493	0.010	0.038	0.785	0.01 (-0.06, 0.09)	0.001	0.502	0.001	0.036	0.977	1.04e-03 (-0.07, 0.0	0.019	0.043	0.664	0.02 (-0.07, 0.10)
5532_53	FGFR1	bFGF-R	226	-0.038	0.022	0.084	-0.04 (-0.08, 0.01)	0.430	0.001	-0.002	0.045	0.958	-2.38e-03 (-0.09, 0.09)	-0.002	0.356	-0.013	0.035	0.707	-0.01 (-0.08, 0.06)	-0.014	0.042	0.733	-0.01 (-0.10, 0.07)
12620_3	SEPTIN11	Septin-11	226	0.032	0.019	0.085	0.03 (-4.46e-03, 0.07)	0.430	0.526	0.020	0.038	0.589	0.02 (-0.05, 0.09)	0.001	0.718	0.023	0.038	0.556	0.02 (-0.05, 0.10)	0.028	0.044	0.519	0.03 (-0.06, 0.11)
12683_156	DPYSL5	DPYL5	226	0.034	0.020	0.085	0.03 (-4.65e-03, 0.07)	0.430	0.159	0.005	0.041	0.896	0.01 (-0.08, 0.09)	0.002	0.431	0.004	0.041	0.927	3.77e-03 (-0.08, 0.0	-0.008	0.042	0.852	-0.01 (-0.09, 0.07)
12904_180	CUBN	cubilin	226	0.033	0.019	0.085	0.03 (-4.62e-03, 0.07)	0.430	0.425	0.024	0.039	0.545	0.02 (-0.05, 0.10)	0.001	0.781	0.000	0.034	1.000	0.00e+00 (-0.07, 0.0	-0.018	0.043	0.668	-0.02 (-0.10, 0.07)
19109_32	TCEAL8	TCAL8	226	0.033	0.019	0.085	0.03 (-4.53e-03, 0.07)	0.430	0.187	0.071	0.040	0.075	0.07 (-0.01, 0.15)	-0.002	0.267	0.032	0.039	0.408	0.03 (-0.04, 0.11)	0.018	0.035	0.611	0.02 (-0.05, 0.09)
4712_28	APOD	Apo D	226	0.032	0.019	0.085	0.03 (-4.44e-03, 0.07)	0.430	0.114	-0.024	0.040	0.554	-0.02 (-0.10, 0.05)	0.003	0.107	0.007	0.037	0.847	0.01 (-0.07, 0.08)	0.017	0.041	0.686	0.02 (-0.06, 0.10)
4925_54	MMP13	MMP-13	226	-0.034	0.019	0.085	-0.03 (-0.07, 4.65e-03	0.430	0.055	0.033	0.042	0.436	0.03 (-0.05, 0.12)	-0.004	0.070	0.012	0.035	0.725	0.01 (-0.06, 0.08)	0.010	0.042	0.818	0.01 (-0.07, 0.09)
6617_12	FCRL6	FCRL6	226	0.034	0.020	0.085	0.03 (-4.67e-03, 0.07)	0.430	0.092	0.033	0.042	0.426	0.03 (-0.05, 0.12)	0.000	0.995	0.005	0.039	0.897	0.01 (-0.07, 0.08)	0.031	0.045	0.493	0.03 (-0.06, 0.12)
8299_66	LILRA4	LIRA4	226	-0.033	0.019	0.085	-0.03 (-0.07, 4.51e-03	0.430	0.306	0.015	0.039	0.708	0.01 (-0.06, 0.09)	-0.003	0.163	-0.045	0.042	0.280	-0.05 (-0.13, 0.04)	-0.060	0.049	0.222	-0.06 (-0.16, 0.04)
13587_10	RACGAP1	RGAP1	226	-0.033	0.019	0.086	-0.03 (-0.07, 4.66e-03	0.433	0.117	-0.033	0.041	0.427	-0.03 (-0.11, 0.05)	0.000	0.991	-0.063	0.036	0.085	-0.06 (-0.13, 0.01)	-0.060	0.042	0.153	-0.06 (-0.14, 0.02)
6478_2	IGLON5	IGLO5	226	-0.034	0.020	0.086	-0.03 (-0.07, 4.80e-03	0.433	0.038	0.071	0.039	0.072	0.07 (-0.01, 0.15)	-0.007	0.002	0.004	0.032	0.899	4.10e-03 (-0.06, 0.0	0.000	0.038	0.999	5.81e-05 (-0.08, 0.08)
7934_11	NDRG4	NDRG4	226	0.033	0.019	0.086	0.03 (-4.72e-03, 0.07)	0.433	0.401	0.013	0.040	0.748	0.01 (-0.06, 0.09)	0.001	0.549	0.050	0.040	0.215	0.05 (-0.03, 0.13)	0.041	0.041	0.323	0.04 (-0.04, 0.12)
10527_22	DHX9	DHX9	226	0.033	0.020	0.088	0.03 (-4.92e-03, 0.07)	0.433	0.187	-0.008	0.041	0.840	-0.01 (-0.09, 0.07)	0.003	0.242	0.045	0.040	0.262	0.04 (-0.03, 0.12)	0.029	0.041	0.481	0.03 (-0.05, 0.11)
11514_196	CD59	CD59	226	-0.035	0.021	0.086	-0.04 (-0.08, 0.01)	0.433	0.006	0.014	0.041	0.731	0.01 (-0.07, 0.10)	-0.003	0.169	0.001	0.031	0.965	1.37e-03 (-0.06, 0.0	-0.006	0.039	0.888	-0.01 (-0.08, 0.07)
13479_8	FAM171A2	F1712	226	0.032	0.019	0.088	0.03 (-4.69e-03, 0.07)	0.433	0.491	-0.001	0.037	0.989	-5.33e-04 (-0.07, 0.07)	0.002	0.322	0.030	0.033	0.376	0.03 (-0.04, 0.09)	0.008	0.043	0.848	0.01 (-0.08, 0.09)
13657_2	PNKP	PNKP	226	0.031	0.018	0.086	0.03 (-4.46e-03, 0.07)	0.433	0.379	0.018	0.037	0.634	0.02 (-0.05, 0.09)	0.001	0.677	-0.004	0.030	0.905	-3.62e-03 (-0.06, 0.0	-0.020	0.041	0.632	-0.02 (-0.10, 0.06)
15604_18	MAPK9	JNK2	226	0.032	0.018	0.087	0.03 (-4.56e-03, 0.07)	0.433	0.571	0.032	0.037	0.386	0.03 (-0.04, 0.11)	0.000	0.983	0.001	0.031	0.979	8.42e-04 (-0.06, 0.0	0.001	0.039	0.971	1.41e-03 (-0.07, 0.08)
16609_106	KIRREL2	KIRR2	226	-0.035	0.021	0.086	-0.04 (-0.08, 0.01)	0.433	0.012	0.042	0.041	0.310	0.04 (-0.04, 0.12)	-0.005	0.032	-0.013	0.038	0.724	-0.01 (-0.09, 0.06)	-0.012	0.039	0.753	-0.01 (-0.09, 0.06)
19215_7	NDRG1	NDRG1	226	-0.033	0.019	0.087	-0.03 (-0.07, 4.81e-03	0.433	0.685	-0.027	0.039	0.485	-0.03 (-0.10, 0.05)	0.000	0.863	0.009	0.034	0.781	0.01 (-0.06, 0.08)	-0.008	0.037	0.822	-0.01 (-0.08, 0.06)
19264_6	RPA2	RFA2	226	0.033	0.020	0.087	0.03 (-4.88e-03, 0.07)	0.433	0.102	0.049	0.042	0.237	0.05 (-0.03, 0.13)	-0.001	0.657	0.002	0.036	0.957	1.93e-03 (-0.07, 0.0	-0.003	0.039	0.930	-3.44e-03 (-0.08, 0.07)
19317_114	ACPP	Prostatic ac	226	-0.033	0.020	0.088	-0.03 (-0.07, 4.92e-03	0.433	0.194	0.001	0.041	0.980	1.02e-03 (-0.08, 0.08)	-0.002	0.334	-0.030	0.041	0.473	-0.03 (-0.11, 0.05)	-0.034	0.042	0.415	-0.03 (-0.12, 0.05)
19545_145	PARK7	Oxidized PA	226	0.033	0.020	0.087	0.03 (-4.86e-03, 0.07)	0.433	0.373	-0.006	0.040	0.873	-0.01 (-0.08, 0.07)	0.002	0.251	0.041	0.042	0.336	0.04 (-0.04, 0.12)	0.040	0.045	0.371	0.04 (-0.05, 0.13)
4721_54	TFF3	TFF3	226	-0.031	0.018	0.087	-0.03 (-0.07, 4.60e-03	0.433	0.058	-0.020	0.040	0.608	-0.02 (-0.10, 0.06)	-0.001	0.751	-0.026	0.039	0.504	-0.03 (-0.10, 0.05)	-0.026	0.036	0.473	-0.03 (-0.10, 0.04)
5132_71	IL27RA	TCCR	226	-0.036	0.021	0.087	-0.04 (-0.08, 0.01)	0.433	0.008	0.025	0.042	0.555	0.02 (-0.06, 0.11)	-0.004	0.098	-0.036	0.041	0.379	-0.04 (-0.12, 0.04)	-0.019	0.040	0.632	-0.02 (-0.10, 0.06)
7628_40	CRELD1	CREL1	226	0.033	0.019	0.087	0.03 (-4.81e-03, 0.07)	0.433	0.992	-0.029	0.039	0.452	-0.03 (-0.11, 0.05)	0.004	0.066	0.001	0.038	0.969	1.47e-03 (-0.07, 0.0	0.004	0.040	0.917	4.18e-03 (-0.07, 0.08)
7841_84	ESAM	ESAM	226	-0.033	0.019	0.088	-0.03 (-0.07, 4.88e-03	0.433	0.072	-0.003	0.042	0.934	-3.45e-03 (-0.09, 0.08)	-0.002	0.414	-0.065	0.035	0.063	-0.06 (-0.13, 3.40e-0	-0.049	0.040	0.221	-0.05 (-0.13, 0.03)
8913_22	SIGLEC11	SIG11	226	0.031	0.018	0.088	0.03 (-4.59e-03, 0.07)	0.433	0.555	0.045	0.037	0.221	0.05 (-0.03, 0.12)	-0.001	0.663	0.011	0.037	0.765	0.01 (-0.06, 0.08)	0.021	0.039	0.593	0.02 (-0.06, 0.10)
9216_100	PLXNB2	PLXB2	226	0.042	0.025	0.087	0.04 (-0.01, 0.09)	0.433	4.06E-10	0.079	0.050	0.114	0.08 (-0.02, 0.18)	-0.002	0.396	0.050	0.041	0.217	0.05 (-0.03, 0.13)	0.043	0.040	0.286	0.04 (-0.04, 0.12)
9590_10	COX7A2L	COX7R	226	-0.033	0.019	0.087	-0.03 (-0.07, 4.81e-03	0.433	0.629	-0.024	0.039	0.541	-0.02 (-0.10, 0.05)	-0.001	0.784	-0.018	0.033	0.582	-0.02 (-0.08, 0.05)	-0.021	0.040	0.606	-0.02 (-0.10, 0.06)
9970_7	UBXN4	UBXN4	226	0.031	0.018	0.087	0.03 (-4.49e-03, 0.07)	0.433	0.171	0.010	0.038	0.802	0.01 (-0.07, 0.08)	0.001	0.517	-0.023	0.030	0.453	-0.02 (-0.08, 0.04)	-0.047	0.044	0.286	-0.05 (-0.13, 0.04)
13629_25	ATG4B	ATG4B	226	-0.033	0.020	0.088	-0.03 (-0.07, 4.96e-03	0.434	0.570	-0.058	0.040	0.143	-0.06 (-0.14, 0.02)	0.002	0.473	-0.060	0.031	0.054	-0.06 (-0.12, 1.09e-0	-0.078	0.043	0.070	-0.08 (-0.16, 0.01)
14069_61	CA4	Carbonic A	226	-0.032	0.019	0.088	-0.03 (-0.07, 4.72e-03	0.434	0.347	0.037	0.038	0.328	0.04 (-0.04, 0.11)	-0.004	0.037	-0.025	0.030	0.398	-0.02 (-0.08, 0.03)	-0.005	0.042	0.912	-4.62e-03 (-0.09, 0.08)
15465_79	CNPY4	CNPY4	226	0.030	0.017	0.088	0.03 (-4.44e-03, 0.06)	0.434	0.381	0.026	0.036	0.461	0.03 (-0.04, 0.10)	0.000	0.912	0.003	0.034	0.937	2.68e-03 (-0.06, 0.0	0.008	0.037	0.828	0.01 (-0.07, 0.08)
5347_59	CCNB1	Cyclin B1	226	-0.033	0.020	0.088	-0.03 (-0.07, 0.01)	0.434	0.861	-0.024	0.039	0.547	-0.02 (-0.10, 0.05)	-0.001	0.780	0.007	0.037	0.860	0.01 (-0.07, 0.08)	-0.005	0.042	0.903	-0.01 (-0.09, 0.08)
6280_11	PCDH8	PCDH8	226	0.030	0.018	0.088	0.03 (-4.53e-03, 0.06)	0.434	0.218	0.011	0.037	0.775	0.01 (-0.06, 0.08)	0.001	0.543	-0.014	0.030	0.644	-0.01 (-0.07, 0.04)	-0.038	0.040	0.337	-0.04 (-0.12, 0.04)
8990_42	ATP1B3	AT1B3	226	0.033	0.019	0.088	0.03 (-4.94e-03, 0.07)	0.434	0.094	0.018	0.042	0.659	0.02 (-0.06, 0.10)	0.001	0.684	0.023	0.040	0.565	0.02 (-0.06, 0.10)	0.036	0.044	0.412	0.04 (-0.05, 0.12)
9487_60	GHRH	Growth hor	226	0.033	0.019	0.088	0.03 (-4.98e-03, 0.07)	0.434	0.076	0.050	0.042	0.238	0.05 (-0.03, 0.13)	-0.001	0.652	0.069	0.032	0.032	0.07 (0.01, 0.13)	0.099	0.045	0.028	0.10 (0.01, 0.19)
17760_128	WDR5	WDR5	226	0.034	0.020	0.089	0.03 (-0.01, 0.07)	0.435	0.014	0.031	0.041	0.455	0.03 (-0.05, 0.11)	0.000	0.913	0.011	0.037	0.756	0.01 (-0.06, 0.08)	0.031	0.039	0.437	0.03 (-0.05, 0.11)
2998_53	JAM3	JAM-C	226	0.031	0.018	0.089	0.03 (-4.67e-03, 0.07)	0.435	0.514	0.029	0.037	0.430	0.03 (-0.04, 0.10)	0.000	0.949	-0.030	0.029	0.299	-0.03 (-0.09, 0.03)	-0.062	0.038	0.105	-0.06 (-0.14, 0.01)
12367_52	TMEM57	MACOI	226	-0.032	0.019	0.089	-0.03 (-0.07, 4.92e-03	0.435	0.379	-0.062	0.039	0.110	-0.06 (-0.14, 0.01)	0.002	0.374	-0.045	0.038	0.226	-0.05 (-0.12, 0.03)	-0.034	0.037	0.368	-0.03 (-0.11, 0.04)
7197_2	DNAJC15	DJC15	226	-0.033	0.020	0.089	-0.03 (-0.07, 0.01)	0.435	0.171	-0.024	0.041	0.560	-0.02 (-0.10, 0.06)	-0.001	0.796	-0.033	0.040	0.409	-0.03 (-0.11, 0.04)	-0.032	0.041	0.440	-0.03 (-0.11, 0.05)
12875_28	UBTD2	UBTD2	226	0.032	0.019	0.089	0.03 (-4.95e-03, 0.07)	0.436	0.247	0.091	0.039	0.022	0.09 (0.01, 0.17)	-0.004	0.087	0.038	0.034	0.264	0.04 (-0.03, 0.10)	0.048	0.037	0.190	0.05 (-0.02, 0.12)
5238_26	PPIE	PPIE	226	0.031	0.018	0.089	0.03 (-4.79e-03, 0.07)	0.436	0.735	0.039	0.037	0.296	0.04 (-0.03, 0.11)	0.000	0.815	0.007	0.031	0.832	0.01 (-0.05, 0.07)	-0.014	0.039	0.725	-0.01 (-0.09, 0.06)
13623_4	MLL2	MLL2	226	0.033	0.019	0.090	0.03 (-0.01, 0.07)	0.436	0.250	0.013	0.040	0.740	0.01 (-0.07, 0.09)	0.001	0.578	0.053	0.040	0.177	0.05 (-0.02, 0.13)	0.050	0.040	0.221	0.05 (-0.03, 0.13)
17710_40	TPD52L1	TPD53	226	0.033	0.020	0.090	0.03 (-0.01, 0.07)	0.436	0.133	0.011	0.041	0.784	0.01 (-0.07, 0.09)	0.001	0.545	0.017	0.040	0.668	0.02 (-0.06, 0.10)	0.046	0.043	0.286	0.05 (-0.04, 0.13)
4834_61	EPHA2	Epithelial ce	226	-0.034	0.020	0.090	-0.03 (-0.07, 0.01)	0.436	0.040	-0.026	0.041	0.527	-0.03 (-0.11, 0.05)	-0.001	0.812	-0.016	0.035	0.652	-0.02 (-0.08, 0.05)	-0.032	0.037	0.390	-0.03 (-0.11, 0.04)
7247_1	GORAB	GORAB	226	0.033	0.019	0.090	0.03 (-0.01, 0.07)	0.436	0.077	-0.004	0.042	0.919	-4.26e-03 (-0.09, 0.08)	0.002	0.305	0.006	0.039	0.874	0.01 (-0.07, 0.08)	0.000	0.041	0.999	-6.25e-05 (-0.08, 0.08)
9885_41	RAP2A	RAP2A	226	-0.033	0.019	0.090	-0.03 (-0.07, 0.01)	0.436	0.391	-0.027	0.040	0.501	-0.03 (-0.10, 0.05)	0.000	0.857	-0.001	0.036	0.973	-1.23e-03 (-0.07, 0.0	-0.006	0.045	0.897	-0.01 (-0.09, 0.08)
6256_9	LY6G6C	LY66C	226	0.033	0.019	0.090	0.03 (-0.01, 0.07)	0.437	0.016	0.035	0.039	0.378	0.03 (-0.04, 0.11)	0.000	0.961	-0.013	0.033	0.692	-0.01 (-0.08, 0.05)	0.000	0.040	0.991	4.25e-04 (-0.08, 0.08)
11481_25	HAVCR2	TIMD3	226	-0.033	0.020	0.091	-0.03 (-0.07, 0.01)	0.437	0.143	0.060	0.041	0.141	0.06 (-0.02, 0.14)	-0.006	0.009	-0.006	0.042	0.878	-0.01 (-0.09, 0.08)	0.008	0.042	0.854	0.01 (-0.07, 0.09)
14583_49	MSTN	Myostatin	226	0.032	0.019	0.090	0.03 (-0.01, 0.07)	0.437	0.217	-0.025	0.039	0.525	-0.03 (-0.10, 0.05)	0.004	0.096	-0.013	0.039	0.729	-0.01 (-0.09, 0.06)	-0.030	0.042	0.471	-0.03 (-0.11, 0.05)
15602_43	IL6R	IL-6 sRa	226	-0.033	0.019	0.090	-0.03 (-0.07, 0.01)	0.437	0.578	0.002	0.039	0.955	2.20e-03 (-0.07, 0.08)	-0.002	0.303	-0.046	0.040	0.256	-0.05 (-0.12, 0.03)	-0.061	0.041	0.142	-0.06 (-0.14, 0.02)
19377_14	OLFM2	NOE2	226	0.032	0.019	0.091	0.03 (-0.01, 0.07)	0.437	0.606	-0.012	0.039	0.756	-0.01 (-0.09, 0.06)	0.003	0.187	0.038	0.040	0.337	0.04 (-0.04, 0.12)	0.046	0.042	0.281	0.05 (-0.04, 0.13)
3860_7	PSMA6	PSA6	226	0.030	0.018	0.091	0.03 (-4.83e-03, 0.07)	0.437	0.165	0.021	0.038	0.587	0.02 (-0.05, 0.09)	0.001	0.766	-0.019	0.032	0.536	-0.02 (-0.08, 0.04)	-0.035	0.038	0.363	-0.03 (-0.11, 0.04)
5015_15	PLA2G7	PAFAH	226	-0.052	0.031	0.090	-0.05 (-0.11, 0.01)	0.437	1.36E-33	-0.036	0.062	0.566	-0.04 (-0.16, 0.09)	-0.001	0.762	0.008	0.036	0.833	0.01 (-0.06, 0.08)	-0.005	0.040	0.907	-4.61e-03 (-0.08, 0.07)
6913_189	HMGB2	HMG-2	226	-0.033	0.020	0.091	-0.03 (-0.07, 0.01)	0.437	0.754	-0.014	0.039	0.725	-0.01 (-0.09, 0.06)	-0.001	0.574	-0.041	0.039	0.298	-0.04 (-0.12, 0.04)	-0.019	0.044	0.667	-0.02 (-0.11, 0.07)
7861_9	ROR2	ROR2	226	-0.031	0.018	0.091	-0.03 (-0.07, 4.93e-03	0.437	0.572	-0.016	0.037	0.666	-0.02 (-0.09, 0.06)	-0.001	0.639	-0.037	0.038	0.336	-0.04 (-0.11, 0.04)	-0.044	0.040	0.273	-0.04 (-0.12, 0.03)
8382_47	MAPKAPK5	MAPK5	226	-0.033	0.019	0.091	-0.03 (-0.07, 0.01)	0.437	0.103	-0.018	0.042	0.657	-0.02 (-0.10, 0.06)	-0.001	0.690	0.010	0.032	0.749	0.01 (-0.05, 0.07)	0.022	0.041	0.590	0.02 (-0.06, 0.10)
10425_3	B4GALT5	B4GT5	226	0.032	0.019	0.092	0.03 (-0.01, 0.07)	0.439	0.603	0.016	0.038	0.667	0.02 (-0.06, 0.09)	0.001	0.640	0.030	0.038	0.435	0.03 (-0.04, 0.10)	0.032	0.041	0.442	0.03 (-0.05, 0.11)
2913_1	CCL23	MPIF-1	226	-0.039	0.023	0.092	-0.04 (-0.08, 0.01)	0.439	9.53E-05	0.012	0.046	0.796	0.01 (-0.08, 0.10)	-0.003	0.208	0.031	0.034	0.354	0.03 (-0.03, 0.10)	0.042	0.047	0.379	0.04 (-0.05, 0.13)
4811_33	ITIH4	ITI heavy ch	226	-0.036	0.021	0.092	-0.04 (-0.08, 0.01)	0.439	0.001	-0.113	0.043	0.009	-0.11 (-0.20, -0.03)	0.005	0.039	-0.021	0.037	0.566	-0.02 (-0.09, 0.05)	-0.024	0.040	0.559	-0.02 (-0.10, 0.06)
5024_67	RB1	Rb	226	0.033	0.020	0.092	0.03 (-0.01, 0.07)	0.439	0.398	-0.021	0.040	0.597	-0.02 (-0.10, 0.06)	0.003	0.118	0.002	0.039	0.959	2.00e-03 (-0.07, 0.0	0.017	0.040	0.661	0.02 (-0.06, 0.10)
6399_52	DEFB107A	D107A	226	-0.033	0.020	0.091	-0.03 (-0.07, 0.01)	0.439	0.424	0.024	0.039	0.538	0.02 (-0.05, 0.10)	-0.004	0.096	0.023	0.033	0.478	0.02 (-0.04, 0.09)	0.035	0.042	0.405	0.04 (-0.05, 0.12)
6911_103	CLEC6A	CLC6A	226	-0.032	0.019	0.092	-0.03 (-0.07, 0.01)	0.439	0.260	-0.004	0.040	0.924	-3.78e-03 (-0.08, 0.07)	-0.002	0.410	0.006	0.036	0.868	0.01 (-0.06, 0.08)	0.002	0.045	0.973	1.51e-03 (-0.09, 0.09)
7194_36	NPTN	NPTN	226	-0.031	0.019	0.092	-0.03 (-0.07, 0.01)	0.439	0.125	0.044	0.039	0.259	0.04 (-0.03, 0.12)	-0.005	0.027	-0.002	0.032	0.944	-2.26e-03 (-0.07, 0.0	0.017	0.041	0.672	0.02 (-0.06, 0.10)
9201_13	TAGLN2	Transgelin-	226	0.031	0.018	0.092	0.03 (-0.01, 0.07)	0.439	0.597	0.022	0.037	0.560	0.02 (-0.05, 0.09)	0.001	0.770	0.009	0.036	0.804	0.01 (-0.06, 0.08)	0.019	0.037	0.615	0.02 (-0.05, 0.09)
13043_157	ATAD2	ATAD2	226	0.033	0.020	0.092	0.03 (-0.01, 0.07)	0.441	0.572	-0.002	0.039	0.951	-2.41e-03 (-0.08, 0.07)	0.002	0.303	0.036	0.042	0.392	0.04 (-0.05, 0.12)	0.043	0.041	0.294	0.04 (-0.04, 0.12)
10760_107	GRIA4	GRIA4	226	-0.031	0.019	0.093	-0.03 (-0.07, 0.01)	0.441	0.476	-0.020	0.038	0.595	-0.02 (-0.09, 0.05)	-0.001	0.731	-0.016	0.040	0.698	-0.02 (-0.09, 0.06)	0.001	0.039	0.986	7.05e-04 (-0.08, 0.08)
10910_6	CEACAM4	CEAM4	226	0.033	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.489	0.068	0.039	0.084	0.07 (-0.01, 0.14)	-0.002	0.301	0.060	0.040	0.139	0.06 (-0.02, 0.14)	0.087	0.043	0.047	0.09 (1.52e-03, 0.17)
12497_29	NUDT16L1	SDOS	226	0.031	0.018	0.093	0.03 (-0.01, 0.07)	0.441	0.713	0.018	0.037	0.615	0.02 (-0.05, 0.09)	0.001	0.704	0.016	0.032	0.620	0.02 (-0.05, 0.08)	-0.017	0.037	0.649	-0.02 (-0.09, 0.06)
12730_3	NDC80	KNTC2	226	0.031	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.175	-0.018	0.039	0.649	-0.02 (-0.09, 0.06)	0.003	0.149	-0.008	0.035	0.811	-0.01 (-0.08, 0.06)	-0.004	0.041	0.916	-4.33e-03 (-0.08, 0.08)
16899_59	OSBPL9	OSBL9	226	-0.033	0.019	0.093	-0.03 (-0.07, 0.01)	0.441	0.709	-0.010	0.039	0.797	-0.01 (-0.09, 0.07)	-0.001	0.507	-0.016	0.040	0.695	-0.02 (-0.10, 0.06)	-0.009	0.039	0.813	-0.01 (-0.09, 0.07)
17404_5	ARL5B	ARL5B	226	0.032	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.229	-0.065	0.040	0.100	-0.07 (-0.14, 0.01)	0.006	0.005	0.001	0.032	0.975	9.82e-04 (-0.06, 0.0	-0.052	0.047	0.267	-0.05 (-0.14, 0.04)
19511_8	DCUN1D2	DCNL2	226	-0.033	0.020	0.094	-0.03 (-0.07, 0.01)	0.441	0.159	-0.037	0.041	0.370	-0.04 (-0.12, 0.04)	0.000	0.905	-0.015	0.040	0.716	-0.01 (-0.09, 0.06)	-0.005	0.044	0.905	-0.01 (-0.09, 0.08)
2567_5	CFI	Factor I	226	0.032	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.376	-0.099	0.039	0.012	-0.10 (-0.18, -0.02)	0.008	1.29E-04	-0.018	0.032	0.573	-0.02 (-0.08, 0.04)	-0.054	0.044	0.220	-0.05 (-0.14, 0.03)
2859_69	HDAC8	HDAC8	226	0.033	0.020	0.093	0.03 (-0.01, 0.07)	0.441	0.021	0.032	0.040	0.424	0.03 (-0.05, 0.11)	0.000	0.972	0.008	0.037	0.830	0.01 (-0.06, 0.08)	0.010	0.042	0.804	0.01 (-0.07, 0.09)
2985_35	CXCL1	Gro-a	226	0.032	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.110	0.024	0.041	0.551	0.02 (-0.06, 0.10)	0.000	0.826	-0.010	0.036	0.769	-0.01 (-0.08, 0.06)	-0.008	0.041	0.847	-0.01 (-0.09, 0.07)
3310_62	FCGR2B	FCG2B	226	-0.033	0.020	0.093	-0.03 (-0.07, 0.01)	0.441	0.580	-0.026	0.039	0.508	-0.03 (-0.10, 0.05)	0.000	0.845	-0.070	0.033	0.033	-0.07 (-0.13, -0.01)	-0.069	0.040	0.089	-0.07 (-0.15, 0.01)
9960_2	TBC1D5	TBCD5	226	0.031	0.019	0.093	0.03 (-0.01, 0.07)	0.441	0.360	0.019	0.038	0.615	0.02 (-0.06, 0.09)	0.001	0.718	0.034	0.030	0.248	0.03 (-0.02, 0.09)	0.022	0.038	0.567	0.02 (-0.05, 0.10)
3079_62	RARRES2	TIG2	226	0.032	0.019	0.094	0.03 (-0.01, 0.07)	0.441	0.106	-0.077	0.040	0.058	-0.08 (-0.16, 2.29e-03)	0.007	0.002	0.012	0.038	0.756	0.01 (-0.06, 0.09)	0.010	0.038	0.794	0.01 (-0.06, 0.08)
15310_61	PRC1	PRC1	226	0.031	0.019	0.094	0.03 (-0.01, 0.07)	0.442	0.060	-0.019	0.040	0.644	-0.02 (-0.10, 0.06)	0.003	0.155	-0.003	0.032	0.925	-2.98e-03 (-0.07, 0.0	-0.014	0.040	0.731	-0.01 (-0.09, 0.06)
12428_2	LYPLAL1	LYPL1	226	0.031	0.019	0.094	0.03 (-0.01, 0.07)	0.443	0.972	0.023	0.038	0.538	0.02 (-0.05, 0.10)	0.001	0.805	0.002	0.033	0.943	2.35e-03 (-0.06, 0.0	0.010	0.039	0.807	0.01 (-0.07, 0.09)
13578_98	ABLIM3	ABLM3	226	-0.031	0.018	0.095	-0.03 (-0.07, 0.01)	0.444	0.447	-0.061	0.037	0.104	-0.06 (-0.13, 0.01)	0.002	0.355	-0.004	0.037	0.913	-4.02e-03 (-0.08, 0.0	0.008	0.039	0.832	0.01 (-0.07, 0.09)
12456_5	PFKFB3	F263	226	0.032	0.019	0.095	0.03 (-0.01, 0.07)	0.445	0.080	0.008	0.041	0.854	0.01 (-0.07, 0.09)	0.002	0.496	0.003	0.036	0.937	2.83e-03 (-0.07, 0.0	0.008	0.038	0.841	0.01 (-0.07, 0.08)
12763_69	ZNF334	ZN334	226	-0.031	0.019	0.095	-0.03 (-0.07, 0.01)	0.445	0.368	0.011	0.038	0.775	0.01 (-0.06, 0.09)	-0.003	0.205	-0.005	0.031	0.881	-4.64e-03 (-0.07, 0.0	0.005	0.041	0.910	4.67e-03 (-0.08, 0.09)
15693_9	PGR	PgR	226	0.029	0.018	0.096	0.03 (-0.01, 0.06)	0.445	0.078	0.010	0.038	0.790	0.01 (-0.06, 0.08)	0.001	0.559	-0.030	0.032	0.346	-0.03 (-0.09, 0.03)	-0.050	0.038	0.191	-0.05 (-0.12, 0.02)
16610_13	LRP10	LRP10	226	-0.031	0.019	0.096	-0.03 (-0.07, 0.01)	0.445	0.733	0.027	0.037	0.464	0.03 (-0.05, 0.10)	-0.004	0.074	0.015	0.037	0.677	0.02 (-0.06, 0.09)	0.014	0.040	0.731	0.01 (-0.06, 0.09)
18842_24	UBE2D2	UB2D2	226	0.031	0.019	0.096	0.03 (-0.01, 0.07)	0.445	0.271	-0.017	0.039	0.663	-0.02 (-0.09, 0.06)	0.003	0.154	0.005	0.038	0.887	0.01 (-0.07, 0.08)	0.007	0.043	0.878	0.01 (-0.08, 0.09)
2436_49	CXCL16	CXCL16, sc	226	-0.035	0.021	0.096	-0.04 (-0.08, 0.01)	0.445	0.002	-0.073	0.043	0.090	-0.07 (-0.16, 0.01)	0.002	0.313	-0.024	0.039	0.538	-0.02 (-0.10, 0.05)	-0.031	0.039	0.437	-0.03 (-0.11, 0.05)
3184_25	F7	Coagulation	226	0.034	0.021	0.095	0.03 (-0.01, 0.07)	0.445	0.033	0.002	0.042	0.962	1.98e-03 (-0.08, 0.08)	0.002	0.369	0.038	0.040	0.343	0.04 (-0.04, 0.12)	0.024	0.042	0.568	0.02 (-0.06, 0.11)
5742_14	ACP6	PPA6	226	-0.033	0.020	0.096	-0.03 (-0.07, 0.01)	0.445	0.540	0.017	0.039	0.662	0.02 (-0.06, 0.09)	-0.003	0.147	0.007	0.035	0.846	0.01 (-0.06, 0.08)	-0.006	0.038	0.872	-0.01 (-0.08, 0.07)
7234_12	COLGALT2	GT252	226	-0.032	0.019	0.095	-0.03 (-0.07, 0.01)	0.445	0.888	0.046	0.039	0.238	0.05 (-0.03, 0.12)	-0.005	0.021	0.012	0.034	0.727	0.01 (-0.06, 0.08)	0.011	0.038	0.765	0.01 (-0.06, 0.09)
8813_160	TXN	Thioredoxin	226	0.033	0.020	0.096	0.03 (-0.01, 0.07)	0.445	0.719	0.004	0.039	0.929	3.53e-03 (-0.07, 0.08)	0.002	0.397	0.037	0.039	0.340	0.04 (-0.04, 0.11)	0.025	0.040	0.540	0.02 (-0.05, 0.10)
8925_25	RRM2B	RIR2B	226	0.030	0.018	0.095	0.03 (-0.01, 0.07)	0.445	0.663	0.022	0.037	0.555	0.02 (-0.05, 0.09)	0.001	0.784	-0.029	0.030	0.344	-0.03 (-0.09, 0.03)	-0.024	0.038	0.523	-0.02 (-0.10, 0.05)
9126_171	NT5DC3	NT5D3	226	0.032	0.019	0.095	0.03 (-0.01, 0.07)	0.445	0.586	0.045	0.039	0.241	0.05 (-0.03, 0.12)	-0.001	0.690	0.015	0.041	0.717	0.01 (-0.07, 0.10)	-0.006	0.040	0.873	-0.01 (-0.08, 0.07)
11647_6	FZD10	Frizzled-10	226	0.033	0.020	0.097	0.03 (-0.01, 0.07)	0.447	0.585	0.006	0.039	0.884	0.01 (-0.07, 0.08)	0.002	0.435	0.025	0.041	0.544	0.02 (-0.06, 0.11)	0.010	0.044	0.811	0.01 (-0.08, 0.10)
3897_61	PDXP	PLPP	226	0.030	0.018	0.096	0.03 (-0.01, 0.07)	0.447	0.716	0.019	0.037	0.610	0.02 (-0.05, 0.09)	0.001	0.717	0.010	0.030	0.746	0.01 (-0.05, 0.07)	-0.036	0.043	0.401	-0.04 (-0.12, 0.05)
12772_8	NUP98	NUP98	226	-0.033	0.020	0.097	-0.03 (-0.07, 0.01)	0.448	0.354	-0.026	0.040	0.515	-0.03 (-0.11, 0.05)	0.000	0.857	-0.052	0.039	0.184	-0.05 (-0.13, 0.02)	-0.041	0.041	0.321	-0.04 (-0.12, 0.04)
12954_71	PPARA	PPARa	226	0.031	0.019	0.097	0.03 (-0.01, 0.07)	0.448	0.830	-0.011	0.037	0.771	-0.01 (-0.08, 0.06)	0.003	0.200	0.002	0.033	0.941	2.48e-03 (-0.06, 0.0	-0.013	0.042	0.755	-0.01 (-0.10, 0.07)
13557_3	PVRL3	Nectin 3	226	0.032	0.020	0.097	0.03 (-0.01, 0.07)	0.448	0.798	-0.005	0.039	0.903	-4.82e-03 (-0.08, 0.07)	0.002	0.276	-0.011	0.038	0.766	-0.01 (-0.09, 0.06)	-0.016	0.045	0.723	-0.02 (-0.10, 0.07)
11926_23	AAGAB	P34	226	0.031	0.019	0.097	0.03 (-0.01, 0.07)	0.448	0.813	0.041	0.037	0.280	0.04 (-0.03, 0.11)	-0.001	0.766	0.020	0.035	0.558	0.02 (-0.05, 0.09)	0.041	0.037	0.268	0.04 (-0.03, 0.11)
4393_3	FGF16	FGF-16	226	0.030	0.018	0.097	0.03 (-0.01, 0.07)	0.448	0.705	0.025	0.037	0.499	0.02 (-0.05, 0.10)	0.000	0.865	-0.013	0.029	0.666	-0.01 (-0.07, 0.04)	-0.045	0.041	0.264	-0.05 (-0.12, 0.03)
12734_112	KIF22	KIF22	226	0.032	0.019	0.097	0.03 (-0.01, 0.07)	0.448	0.086	0.047	0.042	0.258	0.05 (-0.03, 0.13)	-0.001	0.678	0.034	0.040	0.394	0.03 (-0.04, 0.11)	0.045	0.044	0.309	0.04 (-0.04, 0.13)
19635_69	FGL2	FGL2	226	0.032	0.019	0.097	0.03 (-0.01, 0.07)	0.448	0.298	-0.022	0.040	0.572	-0.02 (-0.10, 0.06)	0.003	0.116	-0.006	0.038	0.868	-0.01 (-0.08, 0.07)	-0.004	0.041	0.915	-4.41e-03 (-0.08, 0.08)
19606_28	IHH	ihh	226	-0.031	0.019	0.098	-0.03 (-0.07, 0.01)	0.449	0.141	0.081	0.039	0.038	0.08 (4.82e-03, 0.16)	-0.007	0.001	-0.008	0.033	0.809	-0.01 (-0.07, 0.06)	0.011	0.040	0.793	0.01 (-0.07, 0.09)
6431_68	PCYOX1	PCYOX	226	-0.055	0.033	0.098	-0.05 (-0.12, 0.01)	0.449	9.43E-43	-0.040	0.067	0.546	-0.04 (-0.17, 0.09)	-0.001	0.804	0.013	0.040	0.754	0.01 (-0.07, 0.09)	0.039	0.042	0.359	0.04 (-0.04, 0.12)
7926_13	SPINT3	SPIT3	226	-0.024	0.014	0.098	-0.02 (-0.05, 4.36e-03	0.449	0.107	0.018	0.030	0.565	0.02 (-0.04, 0.08)	-0.003	0.119	0.006	0.028	0.836	0.01 (-0.05, 0.06)	0.005	0.029	0.870	4.69e-03 (-0.05, 0.06)
11618_83	MYB	MYB	226	0.032	0.019	0.098	0.03 (-0.01, 0.07)	0.449	0.051	0.014	0.042	0.737	0.01 (-0.07, 0.10)	0.001	0.624	0.021	0.042	0.619	0.02 (-0.06, 0.10)	-0.001	0.040	0.988	-5.77e-04 (-0.08, 0.08)
17752_24	ARG2	Arginase	226	-0.032	0.019	0.098	-0.03 (-0.07, 0.01)	0.449	0.570	-0.034	0.039	0.378	-0.03 (-0.11, 0.04)	0.000	0.943	-0.037	0.040	0.364	-0.04 (-0.12, 0.04)	-0.048	0.044	0.278	-0.05 (-0.14, 0.04)
7994_41	ERO1LB	ERO1B	226	0.031	0.019	0.098	0.03 (-0.01, 0.07)	0.449	0.171	0.028	0.039	0.472	0.03 (-0.05, 0.11)	0.000	0.940	-0.006	0.037	0.861	-0.01 (-0.08, 0.07)	0.008	0.041	0.847	0.01 (-0.07, 0.09)
14007_22	PAPSS1	PAPS1	226	0.030	0.018	0.098	0.03 (-0.01, 0.07)	0.449	0.305	0.031	0.038	0.412	0.03 (-0.04, 0.11)	0.000	0.980	0.013	0.036	0.719	0.01 (-0.06, 0.08)	0.020	0.038	0.596	0.02 (-0.05, 0.09)
2943_5	CYP3A4	Cytochrome	226	0.041	0.025	0.098	0.04 (-0.01, 0.09)	0.449	1.10E-12	-0.024	0.050	0.629	-0.02 (-0.12, 0.07)	0.004	0.134	0.063	0.041	0.123	0.06 (-0.02, 0.14)	0.042	0.040	0.294	0.04 (-0.04, 0.12)
8087_250	RNF13	RNF13	226	-0.032	0.019	0.098	-0.03 (-0.07, 0.01)	0.449	0.158	0.019	0.041	0.636	0.02 (-0.06, 0.10)	-0.003	0.148	-0.015	0.033	0.639	-0.02 (-0.08, 0.05)	-0.027	0.044	0.535	-0.03 (-0.11, 0.06)
9253_52	ABO	BGAT	226	0.330	0.200	0.098	0.33 (-0.06, 0.72)	0.449	0.00E+00	0.044	0.404	0.913	0.04 (-0.75, 0.84)	0.018	0.417	-0.057	0.035	0.102	-0.06 (-0.13, 0.01)	-0.071	0.043	0.103	-0.07 (-0.15, 0.01)
19503_2	SNX3	SNX3	226	0.029	0.018	0.099	0.03 (-0.01, 0.06)	0.450	0.430	-0.008	0.036	0.819	-0.01 (-0.08, 0.06)	0.002	0.230	-0.006	0.030	0.845	-0.01 (-0.07, 0.05)	-0.008	0.037	0.828	-0.01 (-0.08, 0.06)
12864_9	NIPAL4	NIPA4	226	0.032	0.020	0.099	0.03 (-0.01, 0.07)	0.450	0.181	-0.020	0.041	0.621	-0.02 (-0.10, 0.06)	0.003	0.141	0.009	0.041	0.833	0.01 (-0.07, 0.09)	-0.009	0.041	0.827	-0.01 (-0.09, 0.07)
14150_7	IL36A	IL-1F6	226	-0.036	0.022	0.099	-0.04 (-0.08, 0.01)	0.450	0.001	-0.080	0.044	0.071	-0.08 (-0.17, 0.01)	0.003	0.254	-0.073	0.035	0.034	-0.07 (-0.14, -0.01)	-0.078	0.046	0.092	-0.08 (-0.17, 0.01)
3481_87	XPNPEP1	XPNPEP1	226	0.032	0.019	0.099	0.03 (-0.01, 0.07)	0.450	0.311	0.036	0.039	0.358	0.04 (-0.04, 0.11)	0.000	0.888	0.019	0.034	0.571	0.02 (-0.05, 0.09)	0.026	0.038	0.501	0.03 (-0.05, 0.10)
10758_2	KERA	KERA	226	-0.030	0.018	0.099	-0.03 (-0.07, 0.01)	0.450	0.073	0.056	0.039	0.148	0.06 (-0.02, 0.13)	-0.005	0.011	0.009	0.034	0.786	0.01 (-0.06, 0.08)	0.014	0.039	0.714	0.01 (-0.06, 0.09)
8245_27	ICAM5	sICAM-5	226	-0.043	0.026	0.099	-0.04 (-0.09, 0.01)	0.450	7.07E-12	0.016	0.052	0.751	0.02 (-0.09, 0.12)	-0.004	0.192	0.019	0.033	0.562	0.02 (-0.05, 0.08)	0.027	0.042	0.523	0.03 (-0.06, 0.11)
17454_15	EGFL6	EGFL6	226	0.034	0.021	0.100	0.03 (-0.01, 0.08)	0.451	0.029	0.052	0.042	0.219	0.05 (-0.03, 0.13)	-0.001	0.632	0.076	0.038	0.045	0.08 (1.77e-03, 0.15	0.077	0.041	0.061	0.08 (-3.05e-03, 0.16)
17812_2	PTP4A1	TP4A1	226	0.032	0.020	0.100	0.03 (-0.01, 0.07)	0.451	0.151	-0.021	0.041	0.616	-0.02 (-0.10, 0.06)	0.003	0.140	-0.010	0.040	0.806	-0.01 (-0.09, 0.07)	-0.027	0.042	0.523	-0.03 (-0.11, 0.06)
17770_42	EMC8	EMC8	226	-0.032	0.019	0.100	-0.03 (-0.07, 0.01)	0.452	0.197	0.020	0.041	0.630	0.02 (-0.06, 0.10)	-0.003	0.145	0.017	0.034	0.616	0.02 (-0.05, 0.08)	0.033	0.047	0.483	0.03 (-0.06, 0.12)
9837_60	NQO1	NAD(P)H d	226	0.036	0.022	0.100	0.04 (-0.01, 0.08)	0.452	0.007	0.034	0.044	0.438	0.03 (-0.05, 0.12)	0.000	0.964	0.037	0.039	0.337	0.04 (-0.04, 0.11)	0.025	0.039	0.525	0.02 (-0.05, 0.10)
6485_59	IGLL1	IGLL1	226	-0.031	0.019	0.100	-0.03 (-0.07, 0.01)	0.452	0.071	-0.052	0.041	0.207	-0.05 (-0.13, 0.03)	0.001	0.562	-0.056	0.039	0.153	-0.06 (-0.13, 0.02)	-0.032	0.045	0.479	-0.03 (-0.12, 0.06)
19602_36	JUND	jun-D	226	-0.034	0.021	0.100	-0.03 (-0.07, 0.01)	0.452	0.034	-0.018	0.042	0.673	-0.02 (-0.10, 0.06)	-0.001	0.651	-0.053	0.040	0.182	-0.05 (-0.13, 0.02)	-0.048	0.039	0.223	-0.05 (-0.12, 0.03)
12020_39	BPGM	PMGE	226	-0.031	0.019	0.100	-0.03 (-0.07, 0.01)	0.453	0.442	-0.017	0.039	0.654	-0.02 (-0.09, 0.06)	-0.001	0.678	-0.073	0.034	0.030	-0.07 (-0.14, -0.01)	-0.073	0.044	0.099	-0.07 (-0.16, 0.01)
2615_60	EFNA5	Ephrin-A5	226	-0.030	0.018	0.101	-0.03 (-0.06, 0.01)	0.454	0.184	0.017	0.038	0.661	0.02 (-0.06, 0.09)	-0.003	0.160	-0.006	0.032	0.862	-0.01 (-0.07, 0.06)	0.004	0.040	0.917	4.14e-03 (-0.07, 0.08)
7732_45	VAMP4	VAMP4	226	-0.032	0.020	0.101	-0.03 (-0.07, 0.01)	0.454	0.477	-0.001	0.039	0.983	-8.41e-04 (-0.08, 0.08)	-0.002	0.363	-0.048	0.040	0.222	-0.05 (-0.13, 0.03)	-0.034	0.042	0.423	-0.03 (-0.12, 0.05)
9267_2	CPA4	CBPA4	226	-0.039	0.024	0.101	-0.04 (-0.09, 0.01)	0.454	3.65E-06	-0.061	0.048	0.206	-0.06 (-0.15, 0.03)	0.001	0.600	-0.063	0.042	0.133	-0.06 (-0.14, 0.02)	-0.074	0.042	0.079	-0.07 (-0.16, 0.01)
11551_16	HMG20B	HM20B	226	0.031	0.019	0.101	0.03 (-0.01, 0.07)	0.455	0.423	0.019	0.038	0.625	0.02 (-0.06, 0.09)	0.001	0.716	0.039	0.033	0.235	0.04 (-0.03, 0.10)	0.025	0.043	0.558	0.02 (-0.06, 0.11)
15492_1	CRIM1	CRIM1	226	-0.032	0.019	0.101	-0.03 (-0.07, 0.01)	0.455	0.124	0.024	0.041	0.553	0.02 (-0.06, 0.10)	-0.003	0.116	-0.006	0.031	0.858	-0.01 (-0.07, 0.06)	0.018	0.045	0.684	0.02 (-0.07, 0.11)
16751_15	NPPB	BNP	226	-0.031	0.019	0.102	-0.03 (-0.07, 0.01)	0.456	0.055	-0.020	0.041	0.619	-0.02 (-0.10, 0.06)	-0.001	0.768	-0.023	0.030	0.441	-0.02 (-0.08, 0.04)	0.004	0.041	0.928	3.77e-03 (-0.08, 0.09)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12717_65	TOX3	TOX3	226	0.030	0.018	0.103	0.03 (-0.01, 0.07)	0.456	0.354	0.014	0.037	0.707	0.01 (-0.06, 0.09)	0.001	0.629	-0.020	0.030	0.517	-0.02 (-0.08, 0.04)	-0.054	0.043	0.207	-0.05 (-0.14, 0.03)
13430_50	SLC14A1	UT1	226	0.031	0.019	0.103	0.03 (-0.01, 0.07)	0.456	0.264	-0.003	0.039	0.937	-3.06e-03 (-0.08, 0.07)	0.002	0.319	-0.007	0.040	0.857	-0.01 (-0.09, 0.07)	-0.024	0.041	0.550	-0.02 (-0.10, 0.06)
13499_30	F8	Coagulatio	226	0.102	0.062	0.102	0.10 (-0.02, 0.22)	0.456	0.00E+00	0.081	0.126	0.521	0.08 (-0.17, 0.33)	0.001	0.848	0.060	0.039	0.119	0.06 (-0.02, 0.14)	0.033	0.042	0.428	0.03 (-0.05, 0.12)
14112_40	RELT	RELT	226	0.032	0.019	0.102	0.03 (-0.01, 0.07)	0.456	0.118	-0.035	0.041	0.391	-0.04 (-0.12, 0.05)	0.004	0.061	-0.030	0.037	0.428	-0.03 (-0.10, 0.04)	-0.044	0.044	0.321	-0.04 (-0.13, 0.04)
15437_11	RAMP3	RAMP3	226	0.032	0.020	0.103	0.03 (-0.01, 0.07)	0.456	0.592	0.041	0.039	0.295	0.04 (-0.04, 0.12)	-0.001	0.782	0.006	0.040	0.872	0.01 (-0.07, 0.09)	-0.024	0.042	0.573	-0.02 (-0.11, 0.06)
16785_45	DEFA5	HD-5	226	-0.039	0.024	0.103	-0.04 (-0.09, 0.01)	0.456	3.15E-08	0.012	0.049	0.811	0.01 (-0.08, 0.11)	-0.003	0.228	0.008	0.036	0.829	0.01 (-0.06, 0.08)	-0.001	0.039	0.984	-7.57e-04 (-0.08, 0.07)
17163_117	ANXA3	Annexin III	226	0.032	0.019	0.102	0.03 (-0.01, 0.07)	0.456	0.219	0.049	0.040	0.227	0.05 (-0.03, 0.13)	-0.001	0.623	0.054	0.040	0.172	0.05 (-0.02, 0.13)	0.045	0.045	0.315	0.05 (-0.04, 0.13)
17365_7	CCBL1	KAT1	226	0.032	0.019	0.102	0.03 (-0.01, 0.07)	0.456	0.451	-0.022	0.039	0.570	-0.02 (-0.10, 0.05)	0.003	0.113	0.031	0.039	0.427	0.03 (-0.05, 0.11)	0.024	0.040	0.557	0.02 (-0.05, 0.10)
19195_85	RPS5	RS5	226	0.029	0.018	0.103	0.03 (-0.01, 0.06)	0.456	0.121	-0.010	0.038	0.783	-0.01 (-0.08, 0.06)	0.002	0.229	-0.002	0.033	0.959	-1.66e-03 (-0.07, 0.	-0.008	0.035	0.825	-0.01 (-0.08, 0.06)
2590_69	ROR1	ROR1	226	-0.033	0.020	0.102	-0.03 (-0.07, 0.01)	0.456	0.048	0.014	0.040	0.733	0.01 (-0.07, 0.09)	-0.003	0.184	-0.002	0.033	0.942	-2.40e-03 (-0.07, 0.	-0.019	0.039	0.636	-0.02 (-0.10, 0.06)
3796_79	ANGPTL4	ANGL4	226	0.031	0.019	0.102	0.03 (-0.01, 0.07)	0.456	0.314	0.075	0.038	0.053	0.07 (-5.09e-04, 0.15)	-0.003	0.187	-0.006	0.035	0.864	-0.01 (-0.07, 0.06)	-0.005	0.038	0.895	-0.01 (-0.08, 0.07)
4971_1	CTSZ	CATZ	226	0.038	0.024	0.103	0.04 (-0.01, 0.08)	0.456	1.01E-06	-0.005	0.047	0.909	-0.01 (-0.10, 0.09)	0.003	0.288	-0.022	0.034	0.521	-0.02 (-0.09, 0.04)	-0.018	0.038	0.640	-0.02 (-0.09, 0.06)
6896_3	C1orf162	CA162	226	0.031	0.019	0.102	0.03 (-0.01, 0.07)	0.456	0.090	-0.055	0.040	0.169	-0.06 (-0.13, 0.02)	0.005	0.014	-0.006	0.033	0.853	-0.01 (-0.07, 0.06)	-0.018	0.043	0.677	-0.02 (-0.10, 0.07)
2973_15	CD36	CD36 ANTI	226	0.044	0.027	0.103	0.04 (-0.01, 0.10)	0.457	1.94E-16	0.090	0.055	0.104	0.09 (-0.02, 0.20)	-0.003	0.343	0.035	0.041	0.391	0.04 (-0.05, 0.12)	0.015	0.039	0.709	0.01 (-0.06, 0.09)
6525_17	DUSP13	DUSP13	226	-0.034	0.021	0.103	-0.03 (-0.08, 0.01)	0.457	0.019	0.021	0.042	0.619	0.02 (-0.06, 0.10)	-0.003	0.133	0.003	0.035	0.936	2.80e-03 (-0.07, 0.0	0.000	0.041	0.993	-3.53e-04 (-0.08, 0.08)
17773_26	NAPG	SNAG	226	0.030	0.018	0.104	0.03 (-0.01, 0.07)	0.458	0.661	0.016	0.037	0.656	0.02 (-0.06, 0.09)	0.001	0.678	0.003	0.029	0.903	3.49e-03 (-0.05, 0.0	-0.012	0.040	0.755	-0.01 (-0.09, 0.07)
4124_24	HSPA1A	HSP 70	226	0.034	0.021	0.104	0.03 (-0.01, 0.07)	0.458	0.007	0.022	0.042	0.594	0.02 (-0.06, 0.10)	0.001	0.754	0.021	0.036	0.572	0.02 (-0.05, 0.09)	-0.011	0.037	0.772	-0.01 (-0.08, 0.06)
9962_1	CDHR5	MUCDL	226	0.031	0.019	0.104	0.03 (-0.01, 0.07)	0.458	0.264	-0.020	0.040	0.618	-0.02 (-0.10, 0.06)	0.003	0.140	0.083	0.034	0.016	0.08 (0.02, 0.15)	0.075	0.039	0.057	0.08 (-1.91e-03, 0.15)
8520_8	ADAM30	ADA30	226	-0.031	0.019	0.104	-0.03 (-0.07, 0.01)	0.459	0.216	0.004	0.040	0.929	3.59e-03 (-0.08, 0.08)	-0.002	0.318	0.005	0.036	0.881	0.01 (-0.07, 0.08)	-0.001	0.039	0.980	-1.01e-03 (-0.08, 0.08)
3600_2	CHIT1	Chitotriosid	226	-0.031	0.019	0.105	-0.03 (-0.07, 0.01)	0.460	0.562	-0.045	0.039	0.247	-0.04 (-0.12, 0.03)	0.001	0.683	-0.049	0.041	0.224	-0.05 (-0.13, 0.03)	-0.050	0.041	0.224	-0.05 (-0.13, 0.03)
4829_43	SFN	STRATIFIN	226	-0.031	0.019	0.104	-0.03 (-0.07, 0.01)	0.460	0.318	0.020	0.039	0.611	0.02 (-0.06, 0.10)	-0.003	0.135	-0.015	0.039	0.708	-0.01 (-0.09, 0.06)	-0.022	0.040	0.589	-0.02 (-0.10, 0.06)
9545_156	GZMK	Granzyme	226	0.035	0.021	0.105	0.03 (-0.01, 0.08)	0.460	0.001	0.080	0.043	0.066	0.08 (-4.84e-03, 0.16)	-0.003	0.232	0.046	0.034	0.169	0.05 (-0.02, 0.11)	0.053	0.038	0.163	0.05 (-0.02, 0.13)
15439_21	RND3	RND3	226	0.031	0.019	0.105	0.03 (-0.01, 0.07)	0.460	0.081	0.035	0.042	0.408	0.03 (-0.05, 0.12)	0.000	0.931	-0.002	0.040	0.954	-2.34e-03 (-0.08, 0.	0.005	0.049	0.926	4.52e-03 (-0.09, 0.10)
9544_24	C7orf69	CG069	226	0.031	0.019	0.105	0.03 (-0.01, 0.07)	0.460	0.479	-0.002	0.039	0.966	-1.67e-03 (-0.08, 0.07)	0.002	0.330	0.039	0.040	0.326	0.04 (-0.04, 0.12)	0.015	0.041	0.716	0.01 (-0.07, 0.10)
16599_38	GPN1	GPN1	226	0.030	0.018	0.105	0.03 (-0.01, 0.07)	0.461	0.146	0.015	0.039	0.703	0.01 (-0.06, 0.09)	0.001	0.658	-0.015	0.032	0.649	-0.01 (-0.08, 0.05)	-0.040	0.042	0.344	-0.04 (-0.12, 0.04)
19229_92	HOMER1	HOME1	226	0.030	0.019	0.105	0.03 (-0.01, 0.07)	0.461	0.126	-0.020	0.040	0.608	-0.02 (-0.10, 0.06)	0.003	0.142	-0.031	0.030	0.308	-0.03 (-0.09, 0.03)	-0.050	0.040	0.218	-0.05 (-0.13, 0.03)
8024_64	TPST2	TPST2	226	0.048	0.030	0.105	0.05 (-0.01, 0.11)	0.461	8.15E-31	0.006	0.060	0.917	0.01 (-0.11, 0.12)	0.003	0.421	-0.003	0.032	0.920	-3.21e-03 (-0.07, 0.	-0.039	0.042	0.355	-0.04 (-0.12, 0.04)
18882_7	CLSTN2	CSTN2	226	-0.037	0.023	0.106	-0.04 (-0.08, 0.01)	0.462	1.66E-04	0.032	0.046	0.492	0.03 (-0.06, 0.12)	-0.004	0.086	-0.019	0.039	0.618	-0.02 (-0.09, 0.06)	-0.014	0.045	0.753	-0.01 (-0.10, 0.07)
6369_82	DEAF1	DEAF1	226	0.029	0.018	0.106	0.03 (-0.01, 0.06)	0.462	0.395	0.003	0.037	0.929	3.29e-03 (-0.07, 0.08)	0.002	0.418	0.015	0.036	0.683	0.01 (-0.06, 0.09)	0.026	0.037	0.483	0.03 (-0.05, 0.10)
5121_3	SEMA6B	SEM6B	226	0.041	0.025	0.106	0.04 (-0.01, 0.09)	0.463	1.79E-13	0.068	0.051	0.186	0.07 (-0.03, 0.17)	-0.002	0.545	0.034	0.040	0.399	0.03 (-0.04, 0.11)	0.019	0.039	0.628	0.02 (-0.06, 0.10)
12018_84	TPK1	TPK1	226	0.030	0.018	0.107	0.03 (-0.01, 0.07)	0.463	0.617	0.028	0.037	0.446	0.03 (-0.04, 0.10)	0.000	0.965	0.001	0.033	0.978	9.14e-04 (-0.06, 0.0	0.003	0.042	0.947	2.80e-03 (-0.08, 0.08)
13436_54	MAZ	MAZ	226	-0.031	0.019	0.106	-0.03 (-0.07, 0.01)	0.463	0.231	0.033	0.040	0.418	0.03 (-0.05, 0.11)	-0.004	0.068	0.015	0.039	0.701	0.02 (-0.06, 0.09)	0.018	0.044	0.679	0.02 (-0.07, 0.10)
15391_114	GAS6	GAS-6	226	-0.036	0.022	0.107	-0.04 (-0.08, 0.01)	0.463	1.22E-05	0.025	0.044	0.577	0.02 (-0.06, 0.11)	-0.004	0.118	-0.019	0.037	0.609	-0.02 (-0.09, 0.05)	-0.028	0.039	0.484	-0.03 (-0.10, 0.05)
17698_15	WBP2	WBP2	226	-0.032	0.020	0.106	-0.03 (-0.07, 0.01)	0.463	0.422	0.007	0.040	0.855	0.01 (-0.07, 0.09)	-0.002	0.261	-0.012	0.039	0.764	-0.01 (-0.09, 0.07)	-0.016	0.042	0.709	-0.02 (-0.10, 0.07)
18303_39	NRGN	NEUG	226	-0.030	0.019	0.107	-0.03 (-0.07, 0.01)	0.463	0.733	0.000	0.038	0.996	2.02e-04 (-0.07, 0.07)	-0.002	0.354	-0.021	0.038	0.579	-0.02 (-0.10, 0.05)	-0.033	0.037	0.378	-0.03 (-0.11, 0.04)
5707_55	ELK3	ELK3	226	0.029	0.018	0.107	0.03 (-0.01, 0.07)	0.463	0.310	0.031	0.038	0.407	0.03 (-0.04, 0.11)	0.000	0.955	0.016	0.029	0.573	0.02 (-0.04, 0.07)	-0.007	0.042	0.872	-0.01 (-0.09, 0.08)
7968_15	CRTAM	CRTAM	226	-0.034	0.021	0.107	-0.03 (-0.07, 0.01)	0.463	0.014	-0.016	0.042	0.707	-0.02 (-0.10, 0.07)	-0.001	0.626	-0.026	0.039	0.515	-0.03 (-0.10, 0.05)	-0.036	0.039	0.364	-0.04 (-0.11, 0.04)
10085_25	STAR	STAR	226	0.031	0.019	0.107	0.03 (-0.01, 0.07)	0.465	0.314	0.032	0.039	0.413	0.03 (-0.04, 0.11)	0.000	0.964	0.027	0.038	0.473	0.03 (-0.05, 0.10)	0.047	0.040	0.235	0.05 (-0.03, 0.13)
6284_7	FAM150B	F150B	226	0.029	0.018	0.108	0.03 (-0.01, 0.07)	0.466	0.535	0.002	0.037	0.947	2.47e-03 (-0.07, 0.07)	0.002	0.400	0.002	0.030	0.958	1.59e-03 (-0.06, 0.0	-0.013	0.042	0.747	-0.01 (-0.10, 0.07)
12569_25	CCT5	TCP-1-epsi	226	-0.030	0.019	0.108	-0.03 (-0.07, 0.01)	0.467	0.630	-0.015	0.038	0.692	-0.01 (-0.09, 0.06)	-0.001	0.643	-0.067	0.036	0.061	-0.07 (-0.14, 3.16e-	-0.080	0.043	0.068	-0.08 (-0.16, 0.01)
10063_10	FANCL	FANCL	226	0.031	0.019	0.108	0.03 (-0.01, 0.07)	0.467	0.430	0.052	0.039	0.185	0.05 (-0.02, 0.13)	-0.001	0.537	0.035	0.040	0.385	0.03 (-0.04, 0.11)	0.037	0.042	0.378	0.04 (-0.04, 0.12)
10762_2	KLRG2	KLRG2	226	-0.030	0.019	0.108	-0.03 (-0.07, 0.01)	0.467	0.139	-0.025	0.040	0.536	-0.02 (-0.10, 0.05)	0.000	0.874	-0.013	0.030	0.669	-0.01 (-0.07, 0.05)	0.007	0.037	0.847	0.01 (-0.07, 0.08)
11636_33	TAGLN2	Transgelin-	226	0.030	0.019	0.109	0.03 (-0.01, 0.07)	0.467	0.914	-0.005	0.038	0.886	-0.01 (-0.08, 0.07)	0.002	0.280	-0.006	0.036	0.863	-0.01 (-0.08, 0.06)	0.002	0.040	0.959	2.08e-03 (-0.08, 0.08)
12374_8	PAFAH1B3	PA1B3	226	-0.031	0.019	0.109	-0.03 (-0.07, 0.01)	0.467	0.497	-0.030	0.039	0.434	-0.03 (-0.11, 0.05)	0.000	0.989	-0.039	0.040	0.325	-0.04 (-0.12, 0.04)	-0.047	0.042	0.266	-0.05 (-0.13, 0.04)
13434_172	PARVA	PARVA	226	-0.035	0.022	0.108	-0.04 (-0.08, 0.01)	0.467	0.001	-0.001	0.044	0.988	-6.68e-04 (-0.09, 0.09)	-0.002	0.369	-0.025	0.040	0.534	-0.02 (-0.10, 0.05)	-0.033	0.038	0.381	-0.03 (-0.11, 0.04)
2475_1	KIT	SCF sR	226	-0.033	0.021	0.108	-0.03 (-0.07, 0.01)	0.467	0.035	-0.059	0.041	0.157	-0.06 (-0.14, 0.02)	0.002	0.472	-0.060	0.040	0.132	-0.06 (-0.14, 0.02)	-0.076	0.041	0.065	-0.08 (-0.16, 4.33e-03)
2652_15	PLAUR	suPAR	226	-0.032	0.020	0.108	-0.03 (-0.07, 0.01)	0.467	4.91E-04	-0.043	0.041	0.288	-0.04 (-0.12, 0.04)	0.001	0.757	-0.045	0.038	0.237	-0.04 (-0.12, 0.03)	-0.059	0.039	0.131	-0.06 (-0.14, 0.02)
5639_49	NETO1	NETO1	226	0.033	0.020	0.108	0.03 (-0.01, 0.07)	0.467	0.028	0.019	0.041	0.647	0.02 (-0.06, 0.10)	0.001	0.698	0.024	0.038	0.526	0.02 (-0.05, 0.10)	0.035	0.038	0.367	0.03 (-0.04, 0.11)
9823_2	DHFR	DYR	226	0.033	0.021	0.109	0.03 (-0.01, 0.07)	0.467	0.031	0.044	0.041	0.292	0.04 (-0.04, 0.13)	-0.001	0.763	0.013	0.040	0.748	0.01 (-0.06, 0.09)	0.026	0.041	0.528	0.03 (-0.05, 0.11)
12813_18	EHBP1	EHBP1	226	-0.031	0.019	0.109	-0.03 (-0.07, 0.01)	0.467	0.060	0.018	0.042	0.668	0.02 (-0.06, 0.10)	-0.003	0.178	0.006	0.038	0.883	0.01 (-0.07, 0.08)	-0.007	0.040	0.869	-0.01 (-0.09, 0.07)
6551_94	SERPINA1	Vaspin	226	0.034	0.021	0.109	0.03 (-0.01, 0.08)	0.468	0.005	0.023	0.043	0.590	0.02 (-0.06, 0.11)	0.001	0.770	0.003	0.041	0.937	3.23e-03 (-0.08, 0.0	0.018	0.042	0.670	0.02 (-0.06, 0.10)
9896_21	FOXG1	FOXGB	226	0.031	0.020	0.109	0.03 (-0.01, 0.07)	0.468	0.400	0.053	0.040	0.181	0.05 (-0.02, 0.13)	-0.001	0.524	0.067	0.040	0.091	0.07 (-0.01, 0.14)	0.064	0.040	0.114	0.06 (-0.02, 0.14)
11262_39	TRABD	TRABD	226	0.030	0.019	0.109	0.03 (-0.01, 0.07)	0.468	0.295	0.017	0.039	0.666	0.02 (-0.06, 0.09)	0.001	0.694	0.013	0.038	0.734	0.01 (-0.06, 0.09)	0.040	0.042	0.334	0.04 (-0.04, 0.12)
19230_12	GSTT1	GSTT1	226	-0.034	0.021	0.109	-0.03 (-0.07, 0.01)	0.468	0.046	-0.002	0.042	0.963	-1.94e-03 (-0.09, 0.08)	-0.002	0.390	0.021	0.035	0.548	0.02 (-0.05, 0.09)	0.026	0.042	0.537	0.03 (-0.06, 0.11)
5036_50	TNFAIP6	TSG-6	226	-0.037	0.023	0.110	-0.04 (-0.08, 0.01)	0.468	2.42E-07	0.044	0.046	0.349	0.04 (-0.05, 0.13)	-0.005	0.046	0.007	0.038	0.862	0.01 (-0.07, 0.08)	0.012	0.042	0.769	0.01 (-0.07, 0.09)
7747_47	NDUFB11	NDUBB	226	0.035	0.022	0.110	0.03 (-0.01, 0.08)	0.468	0.006	0.012	0.044	0.790	0.01 (-0.07, 0.10)	0.001	0.545	0.007	0.038	0.855	0.01 (-0.07, 0.08)	0.017	0.040	0.676	0.02 (-0.06, 0.10)
8923_94	GALNT16	GLTL1	226	-0.033	0.020	0.110	-0.03 (-0.07, 0.01)	0.468	0.029	0.017	0.041	0.670	0.02 (-0.06, 0.10)	-0.003	0.161	-0.017	0.039	0.666	-0.02 (-0.09, 0.06)	-0.019	0.044	0.659	-0.02 (-0.11, 0.07)
9509_4	TMEM38B	TM38B	226	-0.030	0.019	0.110	-0.03 (-0.07, 0.01)	0.468	0.250	-0.080	0.038	0.038	-0.08 (-0.15, -4.81e-03)	0.003	0.132	-0.050	0.032	0.122	-0.05 (-0.11, 0.01)	-0.056	0.043	0.199	-0.06 (-0.14, 0.03)
6424_2	RNASE13	RNS13	226	-0.031	0.019	0.110	-0.03 (-0.07, 0.01)	0.469	0.126	-0.061	0.041	0.136	-0.06 (-0.14, 0.02)	0.002	0.393	-0.051	0.039	0.192	-0.05 (-0.13, 0.03)	-0.062	0.035	0.080	-0.06 (-0.13, 0.01)
10990_21	LRRK2	LRRK2	226	0.035	0.022	0.110	0.03 (-0.01, 0.08)	0.469	0.002	-0.009	0.044	0.847	-0.01 (-0.09, 0.08)	0.003	0.257	0.010	0.042	0.803	0.01 (-0.07, 0.09)	0.006	0.043	0.882	0.01 (-0.08, 0.09)
12885_42	NR1D2	NR1D2	226	-0.034	0.021	0.110	-0.03 (-0.08, 0.01)	0.469	0.021	-0.018	0.043	0.673	-0.02 (-0.10, 0.07)	-0.001	0.672	0.021	0.036	0.559	0.02 (-0.05, 0.09)	0.004	0.047	0.935	3.84e-03 (-0.09, 0.10)
6035_2	ST6GAL1	SIAT1	226	0.030	0.019	0.110	0.03 (-0.01, 0.07)	0.469	0.301	0.059	0.039	0.131	0.06 (-0.02, 0.13)	-0.002	0.392	0.023	0.039	0.558	0.02 (-0.05, 0.10)	0.030	0.044	0.492	0.03 (-0.06, 0.12)
12576_21	MAGEA3	MAGE-3	226	-0.031	0.019	0.111	-0.03 (-0.07, 0.01)	0.470	0.738	-0.005	0.039	0.890	-0.01 (-0.08, 0.07)	-0.002	0.453	-0.005	0.038	0.899	-4.87e-03 (-0.08, 0.	-0.001	0.037	0.977	-1.07e-03 (-0.07, 0.07)
14090_23	DEF6	DEFI6	226	0.029	0.018	0.111	0.03 (-0.01, 0.06)	0.470	0.711	0.003	0.036	0.931	3.15e-03 (-0.07, 0.07)	0.002	0.418	-0.004	0.028	0.877	-4.38e-03 (-0.06, 0.	-0.018	0.038	0.645	-0.02 (-0.09, 0.06)
16057_6	IGF2R	IGF-II recep	226	0.035	0.022	0.111	0.03 (-0.01, 0.08)	0.470	0.004	0.090	0.044	0.039	0.09 (4.91e-03, 0.18)	-0.003	0.142	0.074	0.033	0.024	0.07 (0.01, 0.14)	0.082	0.043	0.057	0.08 (-2.14e-03, 0.17)
12033_3	BUB1	BUB1	226	0.030	0.019	0.112	0.03 (-0.01, 0.07)	0.472	0.506	-0.031	0.038	0.420	-0.03 (-0.11, 0.04)	0.004	0.067	0.000	0.031	0.990	3.85e-04 (-0.06, 0.0	-0.093	0.046	0.042	-0.09 (-0.18, -3.89e-03)
13683_18	CLCNKB	CLCKB	226	0.031	0.019	0.112	0.03 (-0.01, 0.07)	0.472	0.606	0.034	0.039	0.382	0.03 (-0.04, 0.11)	0.000	0.920	-0.013	0.035	0.704	-0.01 (-0.08, 0.05)	-0.013	0.044	0.765	-0.01 (-0.10, 0.07)
17372_5	EIF4EBP1	4EBP1	226	-0.031	0.020	0.112	-0.03 (-0.07, 0.01)	0.472	0.393	0.025	0.040	0.521	0.03 (-0.05, 0.10)	-0.004	0.102	-0.004	0.039	0.917	-4.06e-03 (-0.08, 0.	-0.004	0.038	0.923	-3.64e-03 (-0.08, 0.07)
3361_26	CD207	CLC4K	226	-0.031	0.019	0.112	-0.03 (-0.07, 0.01)	0.472	0.282	-0.036	0.040	0.373	-0.04 (-0.11, 0.04)	0.000	0.887	0.000	0.035	0.993	3.30e-04 (-0.07, 0.0	-0.005	0.041	0.903	-4.98e-03 (-0.08, 0.07)
6219_14	PDZD11	PDZ11	226	-0.031	0.020	0.112	-0.03 (-0.07, 0.01)	0.472	0.491	-0.001	0.040	0.970	-1.50e-03 (-0.08, 0.08)	-0.002	0.388	-0.060	0.038	0.118	-0.06 (-0.14, 0.02)	-0.070	0.040	0.077	-0.07 (-0.15, 0.01)
8243_55	SPINK1	TATI	226	-0.033	0.021	0.112	-0.03 (-0.07, 0.01)	0.472	0.042	0.023	0.042	0.582	0.02 (-0.06, 0.10)	-0.003	0.123	0.001	0.033	0.968	1.30e-03 (-0.06, 0.0	0.016	0.039	0.676	0.02 (-0.06, 0.09)
18295_102	GRHPR	GRHPR	226	0.030	0.019	0.112	0.03 (-0.01, 0.07)	0.472	0.267	0.034	0.039	0.384	0.03 (-0.04, 0.11)	0.000	0.903	0.015	0.032	0.646	0.01 (-0.05, 0.08)	0.005	0.041	0.898	0.01 (-0.07, 0.09)
19129_15	MTHFSD	MTHFSD	226	0.029	0.018	0.112	0.03 (-0.01, 0.07)	0.473	0.478	-0.007	0.037	0.843	-0.01 (-0.08, 0.07)	0.002	0.257	-0.005	0.028	0.868	-4.70e-03 (-0.06, 0.	-0.052	0.041	0.212	-0.05 (-0.13, 0.03)
11293_14	LRRN1	LRRN1	226	-0.167	0.105	0.113	-0.17 (-0.37, 0.04)	0.474	0.00E+00	-0.178	0.212	0.403	-0.18 (-0.59, 0.24)	0.001	0.952	0.026	0.034	0.446	0.03 (-0.04, 0.09)	0.053	0.045	0.235	0.05 (-0.03, 0.14)
8633_18	RNF128	RN128	226	0.034	0.022	0.113	0.03 (-0.01, 0.08)	0.474	0.015	-0.001	0.043	0.983	-9.18e-04 (-0.09, 0.08)	0.002	0.352	0.060	0.038	0.120	0.06 (-0.02, 0.13)	0.021	0.044	0.625	0.02 (-0.06, 0.11)
11217_16	CTBP1	CTBP1	226	0.029	0.018	0.114	0.03 (-0.01, 0.06)	0.477	0.713	0.017	0.037	0.649	0.02 (-0.06, 0.09)	0.001	0.706	0.013	0.032	0.685	0.01 (-0.05, 0.08)	0.000	0.038	0.996	-1.91e-04 (-0.08, 0.08)
13101_60	SOST	SOST	226	0.030	0.019	0.114	0.03 (-0.01, 0.07)	0.477	0.024	0.037	0.039	0.336	0.04 (-0.04, 0.11)	0.000	0.835	0.026	0.038	0.495	0.03 (-0.05, 0.10)	0.004	0.037	0.915	3.94e-03 (-0.07, 0.08)
5934_1	FTH1	Ferritin	226	0.028	0.018	0.114	0.03 (-0.01, 0.06)	0.477	0.035	0.047	0.036	0.200	0.05 (-0.02, 0.12)	-0.001	0.563	0.058	0.034	0.088	0.06 (-0.01, 0.13)	0.048	0.036	0.186	0.05 (-0.02, 0.12)
7624_19	ANK2	ANK2	226	0.031	0.019	0.114	0.03 (-0.01, 0.07)	0.477	0.526	0.050	0.039	0.199	0.05 (-0.03, 0.13)	-0.001	0.564	0.026	0.040	0.506	0.03 (-0.05, 0.10)	0.033	0.039	0.389	0.03 (-0.04, 0.11)
8778_3	NOG	Noggin	226	0.037	0.023	0.114	0.04 (-0.01, 0.08)	0.477	5.90E-07	0.028	0.047	0.559	0.03 (-0.06, 0.12)	0.001	0.820	-0.014	0.037	0.708	-0.01 (-0.09, 0.06)	-0.028	0.044	0.526	-0.03 (-0.11, 0.06)
9053_16	CRIP2	CRIP2	226	-0.032	0.020	0.114	-0.03 (-0.07, 0.01)	0.477	0.009	-0.013	0.041	0.749	-0.01 (-0.09, 0.07)	-0.001	0.594	-0.005	0.033	0.869	-0.01 (-0.07, 0.06)	-0.024	0.040	0.555	-0.02 (-0.10, 0.05)
8051_10	AGGF1	AGGF1	226	-0.031	0.019	0.114	-0.03 (-0.07, 0.01)	0.478	0.393	-0.015	0.040	0.701	-0.02 (-0.09, 0.06)	-0.001	0.655	-0.019	0.032	0.556	-0.02 (-0.08, 0.04)	0.004	0.042	0.932	3.59e-03 (-0.08, 0.09)
2182_54	C4A	C4b	226	-0.054	0.034	0.115	-0.05 (-0.12, 0.01)	0.479	7.09E-49	-0.072	0.069	0.294	-0.07 (-0.21, 0.06)	0.001	0.755	-0.017	0.039	0.658	-0.02 (-0.09, 0.06)	-0.011	0.039	0.773	-0.01 (-0.09, 0.07)
9059_14	RAPGEF5	RPGF5	226	0.031	0.020	0.115	0.03 (-0.01, 0.07)	0.479	0.262	-0.001	0.041	0.989	-5.66e-04 (-0.08, 0.08)	0.002	0.373	0.029	0.039	0.461	0.03 (-0.05, 0.11)	0.006	0.043	0.887	0.01 (-0.08, 0.09)
15631_18	PSG1	PSG1	226	0.030	0.019	0.115	0.03 (-0.01, 0.07)	0.480	0.280	-0.030	0.039	0.449	-0.03 (-0.11, 0.05)	0.004	0.080	-0.012	0.033	0.711	-0.01 (-0.08, 0.05)	-0.019	0.037	0.620	-0.02 (-0.09, 0.05)
9220_7	EPHB3	EPHB3	226	-0.030	0.019	0.115	-0.03 (-0.07, 0.01)	0.480	0.846	-0.023	0.039	0.549	-0.02 (-0.10, 0.05)	0.000	0.834	-0.024	0.038	0.526	-0.02 (-0.10, 0.05)	-0.023	0.041	0.563	-0.02 (-0.10, 0.06)
10363_13	SMAD3	SMAD3	226	0.029	0.018	0.116	0.03 (-0.01, 0.06)	0.480	0.584	0.031	0.037	0.400	0.03 (-0.04, 0.10)	0.000	0.943	0.038	0.030	0.214	0.04 (-0.02, 0.10)	0.028	0.040	0.483	0.03 (-0.05, 0.11)
13451_2	FNDC4	FNDC4	226	0.030	0.019	0.115	0.03 (-0.01, 0.07)	0.480	0.233	0.026	0.040	0.517	0.03 (-0.05, 0.11)	0.000	0.903	-0.013	0.035	0.703	-0.01 (-0.08, 0.05)	0.008	0.039	0.836	0.01 (-0.07, 0.08)
5223_59	GCKR	GCKR	226	0.057	0.036	0.116	0.06 (-0.01, 0.13)	0.480	1.01E-61	0.015	0.073	0.837	0.02 (-0.13, 0.16)	0.003	0.509	-0.018	0.040	0.655	-0.02 (-0.10, 0.06)	-0.010	0.043	0.823	-0.01 (-0.09, 0.07)
5437_63	FABP3	FABP	226	0.033	0.021	0.116	0.03 (-0.01, 0.07)	0.480	1.25E-05	-0.047	0.042	0.264	-0.05 (-0.13, 0.04)	0.005	0.029	-0.005	0.033	0.891	-4.52e-03 (-0.07, 0.	0.005	0.036	0.899	4.52e-03 (-0.07, 0.07)
3898_5	PSMD7	PSD7	226	0.033	0.021	0.116	0.03 (-0.01, 0.07)	0.480	0.027	0.103	0.042	0.016	0.10 (0.02, 0.19)	-0.004	0.058	0.035	0.043	0.411	0.04 (-0.05, 0.12)	0.032	0.044	0.473	0.03 (-0.06, 0.12)
8060_7	NRG2	NRG2	226	-0.030	0.019	0.116	-0.03 (-0.07, 0.01)	0.480	0.083	-0.003	0.042	0.952	-2.51e-03 (-0.08, 0.08)	-0.002	0.440	-0.013	0.038	0.737	-0.01 (-0.09, 0.06)	-0.021	0.039	0.583	-0.02 (-0.10, 0.05)
6599_5	APCDD1	APCD1	226	0.031	0.020	0.116	0.03 (-0.01, 0.07)	0.481	0.708	0.016	0.039	0.686	0.02 (-0.06, 0.09)	0.001	0.666	0.014	0.037	0.700	0.01 (-0.06, 0.09)	0.016	0.042	0.698	0.02 (-0.07, 0.10)
15596_7	HEXIM1	HEXI1	226	0.028	0.018	0.117	0.03 (-0.01, 0.06)	0.482	0.233	0.017	0.037	0.637	0.02 (-0.05, 0.09)	0.001	0.748	0.011	0.028	0.691	0.01 (-0.04, 0.07)	-0.008	0.038	0.828	-0.01 (-0.08, 0.07)
19142_39	DNMT3L	DNM3L	226	0.031	0.019	0.117	0.03 (-0.01, 0.07)	0.482	0.282	0.077	0.040	0.057	0.08 (-1.95e-03, 0.16)	-0.003	0.186	0.065	0.034	0.055	0.07 (-1.34e-03, 0.1	0.067	0.042	0.115	0.07 (-0.02, 0.15)
2625_53	HSP90AA1	HSP 90a/b	226	0.028	0.018	0.117	0.03 (-0.01, 0.06)	0.482	0.730	-0.021	0.036	0.549	-0.02 (-0.09, 0.05)	0.003	0.114	-0.003	0.029	0.910	-3.26e-03 (-0.06, 0.	-0.034	0.038	0.384	-0.03 (-0.11, 0.04)
8376_25	LHB	LSHB	226	-0.028	0.018	0.117	-0.03 (-0.06, 0.01)	0.482	0.643	0.021	0.035	0.545	0.02 (-0.05, 0.09)	-0.003	0.112	-0.008	0.037	0.821	-0.01 (-0.08, 0.06)	0.008	0.038	0.837	0.01 (-0.07, 0.08)
10082_251	NEFL	NFL	226	0.173	0.111	0.118	0.17 (-0.04, 0.39)	0.483	0.00E+00	0.200	0.224	0.372	0.20 (-0.24, 0.64)	-0.002	0.890	0.055	0.033	0.092	0.06 (-0.01, 0.12)	0.055	0.042	0.185	0.06 (-0.03, 0.14)
10693_43	KLRG2	KLRG2	226	-0.030	0.019	0.118	-0.03 (-0.07, 0.01)	0.483	0.083	-0.003	0.042	0.936	-3.36e-03 (-0.09, 0.08)	-0.002	0.457	-0.043	0.041	0.295	-0.04 (-0.12, 0.04)	-0.055	0.044	0.206	-0.06 (-0.14, 0.03)
11601_26	DHX8	DHX8	226	0.032	0.021	0.118	0.03 (-0.01, 0.07)	0.483	0.049	-0.006	0.042	0.886	-0.01 (-0.09, 0.08)	0.002	0.290	0.007	0.033	0.826	0.01 (-0.06, 0.07)	-0.031	0.045	0.496	-0.03 (-0.12, 0.06)
11690_47	ANAPC7	APC7	226	0.030	0.019	0.117	0.03 (-0.01, 0.07)	0.483	0.264	0.026	0.040	0.522	0.03 (-0.05, 0.10)	0.000	0.896	0.051	0.040	0.203	0.05 (-0.03, 0.13)	0.055	0.040	0.171	0.06 (-0.02, 0.13)
12689_56	ARPC1B	ARC1B	226	0.030	0.019	0.117	0.03 (-0.01, 0.07)	0.483	0.521	0.008	0.039	0.845	0.01 (-0.07, 0.08)	0.001	0.503	-0.031	0.032	0.339	-0.03 (-0.09, 0.03)	-0.035	0.040	0.375	-0.04 (-0.11, 0.04)
15324_58	FTL	Ferritin ligh	226	0.028	0.018	0.117	0.03 (-0.01, 0.06)	0.483	0.031	0.045	0.036	0.217	0.05 (-0.03, 0.12)	-0.001	0.595	0.055	0.035	0.112	0.05 (-0.01, 0.12)	0.048	0.036	0.188	0.05 (-0.02, 0.12)
15584_9	CFHR2	FHR2	226	-0.030	0.020	0.118	-0.03 (-0.07, 0.01)	0.483	0.403	-0.054	0.040	0.172	-0.05 (-0.13, 0.02)	0.001	0.488	-0.065	0.033	0.050	-0.06 (-0.13, 1.36e-	-0.078	0.041	0.058	-0.08 (-0.16, 2.34e-03)
3404_51	TPSG1	TPSG1	226	-0.030	0.019	0.118	-0.03 (-0.07, 0.01)	0.483	0.947	0.027	0.039	0.492	0.03 (-0.05, 0.10)	-0.004	0.093	0.005	0.038	0.894	0.01 (-0.07, 0.08)	-0.001	0.041	0.986	-7.12e-04 (-0.08, 0.08)
4988_49	FGFR4	FGFR4	226	-0.030	0.019	0.119	-0.03 (-0.07, 0.01)	0.483	0.104	-0.014	0.041	0.733	-0.01 (-0.09, 0.07)	-0.001	0.654	-0.066	0.035	0.058	-0.07 (-0.13, 2.21e-	-0.068	0.043	0.114	-0.07 (-0.15, 0.02)
5029_3	FAP	SEPR	226	0.034	0.022	0.118	0.03 (-0.01, 0.08)	0.483	0.008	0.043	0.044	0.323	0.04 (-0.04, 0.13)	-0.001	0.804	0.017	0.040	0.673	0.02 (-0.06, 0.10)	-0.031	0.041	0.453	-0.03 (-0.11, 0.05)
5590_11	ZPLD1	ZPLD1	226	0.030	0.019	0.118	0.03 (-0.01, 0.07)	0.483	0.366	0.081	0.039	0.041	0.08 (3.60e-03, 0.16)	-0.003	0.140	0.025	0.038	0.504	0.03 (-0.05, 0.10)	0.028	0.037	0.441	0.03 (-0.04, 0.10)
5602_62	RNASE10	RNS10	226	0.030	0.019	0.118	0.03 (-0.01, 0.07)	0.483	0.123	0.104	0.040	0.010	0.10 (0.03, 0.18)	-0.005	0.034	0.041	0.042	0.326	0.04 (-0.04, 0.12)	0.051	0.045	0.257	0.05 (-0.04, 0.14)
6510_56	RNF128	RN128	226	0.030	0.019	0.118	0.03 (-0.01, 0.07)	0.483	0.427	0.009	0.039	0.827	0.01 (-0.07, 0.09)	0.001	0.528	0.047	0.037	0.209	0.05 (-0.03, 0.12)	0.027	0.040	0.498	0.03 (-0.05, 0.11)
8924_55	CALY	CALY	226	-0.030	0.019	0.119	-0.03 (-0.07, 0.01)	0.483	0.100	0.041	0.040	0.308	0.04 (-0.04, 0.12)	-0.004	0.044	-0.024	0.040	0.540	-0.02 (-0.10, 0.05)	-0.018	0.040	0.648	-0.02 (-0.10, 0.06)
9016_12	NR1H2	NR1H2	226	0.032	0.021	0.118	0.03 (-0.01, 0.07)	0.483	0.024	0.001	0.042	0.972	1.46e-03 (-0.08, 0.08)	0.002	0.395	0.032	0.040	0.420	0.03 (-0.05, 0.11)	0.019	0.044	0.666	0.02 (-0.07, 0.11)
10600_24	CLGN	CLGN	226	0.031	0.020	0.119	0.03 (-0.01, 0.07)	0.484	0.393	0.055	0.040	0.171	0.05 (-0.02, 0.13)	-0.002	0.485	0.022	0.041	0.590	0.02 (-0.06, 0.10)	0.042	0.043	0.336	0.04 (-0.04, 0.13)
8219_14	ZG16	ZG16	226	-0.030	0.020	0.119	-0.03 (-0.07, 0.01)	0.484	0.953	-0.035	0.039	0.368	-0.04 (-0.11, 0.04)	0.000	0.882	-0.042	0.040	0.297	-0.04 (-0.12, 0.04)	-0.040	0.044	0.361	-0.04 (-0.13, 0.05)
8888_33	SMIM9	CX068	226	0.030	0.019	0.119	0.03 (-0.01, 0.07)	0.485	0.521	0.036	0.039	0.356	0.04 (-0.04, 0.11)	0.000	0.861	0.058	0.041	0.159	0.06 (-0.02, 0.14)	0.070	0.044	0.115	0.07 (-0.02, 0.16)
12798_46	SLC4A8	S4A8	226	0.030	0.019	0.120	0.03 (-0.01, 0.07)	0.485	0.521	0.018	0.039	0.641	0.02 (-0.06, 0.09)	0.001	0.725	0.028	0.038	0.457	0.03 (-0.05, 0.10)	0.006	0.041	0.875	0.01 (-0.07, 0.09)
10418_36	STX12	STX12	226	-0.028	0.018	0.120	-0.03 (-0.06, 0.01)	0.486	0.420	-0.071	0.037	0.054	-0.07 (-0.14, 8.15e-04)	0.003	0.179	-0.027	0.038	0.476	-0.03 (-0.10, 0.05)	-0.050	0.040	0.218	-0.05 (-0.13, 0.03)
12682_5	CCBL2	KAT3	226	0.029	0.019	0.120	0.03 (-0.01, 0.07)	0.486	0.425	0.086	0.038	0.025	0.09 (0.01, 0.16)	-0.004	0.086	0.037	0.040	0.347	0.04 (-0.04, 0.11)	0.038	0.041	0.354	0.04 (-0.04, 0.12)
13727_44	SPOP	SPOP	226	0.030	0.019	0.120	0.03 (-0.01, 0.07)	0.486	0.613	-0.005	0.039	0.904	-4.70e-03 (-0.08, 0.07)	0.002	0.305	-0.012	0.034	0.721	-0.01 (-0.08, 0.05)	-0.019	0.040	0.643	-0.02 (-0.10, 0.06)
17795_176	LSM1	LSM1	226	0.029	0.019	0.120	0.03 (-0.01, 0.07)	0.486	0.343	0.015	0.039	0.690	0.02 (-0.06, 0.09)	0.001	0.681	-0.024	0.034	0.492	-0.02 (-0.09, 0.04)	-0.020	0.041	0.635	-0.02 (-0.10, 0.06)
10835_25	A4GNT	A4GCT	226	-0.030	0.019	0.121	-0.03 (-0.07, 0.01)	0.486	0.783	0.011	0.039	0.783	0.01 (-0.07, 0.09)	-0.003	0.229	-0.048	0.036	0.179	-0.05 (-0.12, 0.02)	-0.026	0.038	0.500	-0.03 (-0.10, 0.05)
5410_53	CDH15	CAD15	226	0.029	0.019	0.120	0.03 (-0.01, 0.07)	0.486	0.173	-0.009	0.039	0.816	-0.01 (-0.09, 0.07)	0.002	0.263	0.030	0.041	0.458	0.03 (-0.05, 0.11)	0.022	0.042	0.596	0.02 (-0.06, 0.11)
7853_19	SCO1	SCO1	226	-0.029	0.019	0.121	-0.03 (-0.07, 0.01)	0.486	0.055	0.033	0.040	0.415	0.03 (-0.05, 0.11)	-0.004	0.078	-0.045	0.036	0.214	-0.04 (-0.12, 0.03)	-0.032	0.040	0.432	-0.03 (-0.11, 0.05)
8935_22	ABCC6	MRP6	226	-0.030	0.019	0.121	-0.03 (-0.07, 0.01)	0.486	0.499	0.037	0.039	0.343	0.04 (-0.04, 0.11)	-0.004	0.049	0.022	0.038	0.560	0.02 (-0.05, 0.10)	0.022	0.044	0.622	0.02 (-0.06, 0.11)
9859_180	SAT1	SSAT-1	226	-0.030	0.020	0.121	-0.03 (-0.07, 0.01)	0.486	0.778	-0.028	0.039	0.477	-0.03 (-0.11, 0.05)	0.000	0.947	-0.017	0.040	0.676	-0.02 (-0.10, 0.06)	-0.032	0.040	0.422	-0.03 (-0.11, 0.05)
6283_60	MCEMP1	MCEM1	226	0.030	0.020	0.121	0.03 (-0.01, 0.07)	0.487	0.121	-0.037	0.041	0.366	-0.04 (-0.12, 0.04)	0.004	0.060	-0.005	0.039	0.906	-4.63e-03 (-0.08, 0.	0.005	0.044	0.906	0.01 (-0.08, 0.09)
4801_13	LPO	PERL	226	0.034	0.022	0.121	0.03 (-0.01, 0.08)	0.487	0.001	0.109	0.044	0.014	0.11 (0.02, 0.20)	-0.005	0.053	0.063	0.041	0.129	0.06 (-0.02, 0.14)	0.073	0.043	0.091	0.07 (-0.01, 0.16)
4389_2	DHH	DHH	226	0.028	0.018	0.121	0.03 (-0.01, 0.06)	0.488	0.432	0.025	0.037	0.505	0.02 (-0.05, 0.10)	0.000	0.913	0.006	0.030	0.837	0.01 (-0.05, 0.06)	-0.058	0.044	0.189	-0.06 (-0.14, 0.03)
13692_154	WISP1	WISP-1	226	0.033	0.022	0.121	0.03 (-0.01, 0.08)	0.488	0.005	0.007	0.044	0.867	0.01 (-0.08, 0.09)	0.002	0.490	0.024	0.041	0.561	0.02 (-0.06, 0.10)	0.031	0.042	0.467	0.03 (-0.05, 0.11)
15347_12	HPX	Hemopexin	226	-0.033	0.021	0.121	-0.03 (-0.07, 0.01)	0.488	0.020	0.029	0.042	0.495	0.03 (-0.05, 0.11)	-0.004	0.095	-0.038	0.043	0.377	-0.04 (-0.12, 0.05)	-0.049	0.043	0.258	-0.05 (-0.13, 0.04)
18198_51	HBQ1	HBAT	226	-0.032	0.021	0.122	-0.03 (-0.07, 0.01)	0.488	0.035	-0.015	0.042	0.713	-0.02 (-0.10, 0.07)	-0.001	0.646	0.000	0.034	0.998	-9.98e-05 (-0.07, 0.	0.046	0.043	0.286	0.05 (-0.04, 0.13)
13930_3	APOBEC3	ABC3G	226	0.028	0.018	0.122	0.03 (-0.01, 0.06)	0.488	0.545	0.033	0.036	0.357	0.03 (-0.04, 0.10)	0.000	0.857	0.008	0.030	0.786	0.01 (-0.05, 0.07)	0.002	0.042	0.966	1.77e-03 (-0.08, 0.08)
18235_16	PGP	PGP	226	0.029	0.019	0.122	0.03 (-0.01, 0.07)	0.488	0.683	0.048	0.038	0.208	0.05 (-0.03, 0.12)	-0.001	0.568	0.029	0.038	0.453	0.03 (-0.05, 0.10)	0.013	0.039	0.749	0.01 (-0.06, 0.09)
3519_3	CCL17	TARC	226	-0.029	0.019	0.122	-0.03 (-0.07, 0.01)	0.488	0.319	-0.062	0.039	0.115	-0.06 (-0.14, 0.01)	0.002	0.340	-0.074	0.035	0.035	-0.07 (-0.14, -0.01)	-0.058	0.040	0.152	-0.06 (-0.14, 0.02)
5834_18	IL9	IL-9	226	-0.030	0.020	0.122	-0.03 (-0.07, 0.01)	0.488	0.930	-0.031	0.039	0.435	-0.03 (-0.11, 0.05)	0.000	0.986	-0.040	0.037	0.291	-0.04 (-0.11, 0.03)	-0.032	0.040	0.421	-0.03 (-0.11, 0.05)
8811_24	BAMBI	BAMBI	226	-0.033	0.021	0.122	-0.03 (-0.07, 0.01)	0.488	0.011	-0.019	0.043	0.658	-0.02 (-0.10, 0.06)	-0.001	0.710	0.004	0.038	0.911	4.21e-03 (-0.07, 0.0	-0.001	0.042	0.977	-1.20e-03 (-0.08, 0.08)
8991_115	FCRL4	FCRL4	226	0.029	0.019	0.122	0.03 (-0.01, 0.07)	0.488	0.978	0.038	0.038	0.318	0.04 (-0.04, 0.11)	-0.001	0.789	0.017	0.032	0.584	0.02 (-0.04, 0.08)	-0.021	0.045	0.643	-0.02 (-0.11, 0.07)
11270_17	CHCHD10	CHC10	226	0.030	0.019	0.123	0.03 (-0.01, 0.07)	0.489	0.537	-0.013	0.039	0.736	-0.01 (-0.09, 0.06)	0.003	0.204	0.004	0.033	0.899	4.17e-03 (-0.06, 0.0	0.003	0.040	0.949	2.58e-03 (-0.08, 0.08)
19227_18	BATF	BATF	226	-0.030	0.019	0.123	-0.03 (-0.07, 0.01)	0.489	0.540	-0.026	0.039	0.513	-0.03 (-0.10, 0.05)	0.000	0.898	-0.032	0.041	0.436	-0.03 (-0.11, 0.05)	-0.049	0.040	0.219	-0.05 (-0.13, 0.03)
12774_12	HCN1	HCN1	226	-0.030	0.019	0.123	-0.03 (-0.07, 0.01)	0.490	0.659	-0.015	0.039	0.695	-0.02 (-0.09, 0.06)	-0.001	0.669	0.001	0.038	0.981	8.91e-04 (-0.07, 0.0	0.004	0.038	0.910	4.26e-03 (-0.07, 0.08)
19261_12	SDCBP2	SDCB2	226	0.028	0.018	0.123	0.03 (-0.01, 0.06)	0.490	0.070	-0.034	0.038	0.374	-0.03 (-0.11, 0.04)	0.004	0.065	0.006	0.037	0.876	0.01 (-0.07, 0.08)	0.017	0.038	0.652	0.02 (-0.06, 0.09)
8285_64	ADCYAP1	PACA	226	-0.030	0.019	0.123	-0.03 (-0.07, 0.01)	0.490	0.486	-0.037	0.039	0.345	-0.04 (-0.11, 0.04)	0.000	0.834	-0.013	0.037	0.722	-0.01 (-0.08, 0.06)	-0.025	0.044	0.573	-0.02 (-0.11, 0.06)
6039_24	CRHBP	CRHBP	226	-0.035	0.023	0.124	-0.03 (-0.08, 0.01)	0.491	1.66E-04	-0.054	0.046	0.240	-0.05 (-0.14, 0.04)	0.001	0.632	-0.041	0.041	0.327	-0.04 (-0.12, 0.04)	-0.056	0.042	0.186	-0.06 (-0.14, 0.03)
6081_52	PCOLCE2	PCOC2	226	-0.032	0.021	0.123	-0.03 (-0.07, 0.01)	0.491	0.039	-0.028	0.042	0.498	-0.03 (-0.11, 0.05)	0.000	0.924	-0.012	0.041	0.775	-0.01 (-0.09, 0.07)	-0.008	0.040	0.843	-0.01 (-0.09, 0.07)
17202_37	PDCD4	PDCD4	226	-0.030	0.019	0.124	-0.03 (-0.07, 0.01)	0.491	0.949	-0.006	0.039	0.878	-0.01 (-0.08, 0.07)	-0.001	0.482	-0.034	0.041	0.407	-0.03 (-0.11, 0.05)	-0.032	0.040	0.432	-0.03 (-0.11, 0.05)
4159_130	CFH	Factor H	226	0.030	0.019	0.124	0.03 (-0.01, 0.07)	0.491	0.818	-0.029	0.039	0.459	-0.03 (-0.11, 0.05)	0.004	0.085	-0.027	0.034	0.425	-0.03 (-0.09, 0.04)	-0.011	0.040	0.788	-0.01 (-0.09, 0.07)
5030_52	SIRT2	SIRT2	226	0.031	0.020	0.124	0.03 (-0.01, 0.07)	0.492	0.040	0.026	0.041	0.534	0.03 (-0.05, 0.11)	0.000	0.873	-0.005	0.035	0.888	-4.98e-03 (-0.07, 0.	0.003	0.044	0.953	2.57e-03 (-0.08, 0.09)
3495_15	CXCL6	GCP-2	226	0.029	0.019	0.124	0.03 (-0.01, 0.07)	0.492	0.715	0.039	0.038	0.313	0.04 (-0.04, 0.11)	-0.001	0.775	0.015	0.036	0.684	0.01 (-0.06, 0.08)	0.034	0.041	0.417	0.03 (-0.05, 0.11)
13392_13	ATP1B1	AT1B1	226	0.032	0.021	0.125	0.03 (-0.01, 0.07)	0.493	0.003	0.103	0.041	0.014	0.10 (0.02, 0.18)	-0.004	0.050	0.067	0.031	0.030	0.07 (0.01, 0.13)	0.087	0.041	0.035	0.09 (0.01, 0.17)
13536_56	POLI	POLI	226	-0.029	0.019	0.125	-0.03 (-0.07, 0.01)	0.493	0.771	0.012	0.039	0.758	0.01 (-0.06, 0.09)	-0.003	0.219	0.008	0.037	0.828	0.01 (-0.06, 0.08)	0.012	0.043	0.782	0.01 (-0.07, 0.10)
2585_2	PRL	PRL	226	-0.028	0.018	0.125	-0.03 (-0.06, 0.01)	0.493	0.068	-0.024	0.040	0.541	-0.02 (-0.10, 0.05)	0.000	0.909	-0.014	0.038	0.712	-0.01 (-0.09, 0.06)	-0.028	0.043	0.516	-0.03 (-0.11, 0.06)
6463_59	QRFP	OX26	226	0.030	0.020	0.125	0.03 (-0.01, 0.07)	0.493	0.851	0.011	0.040	0.775	0.01 (-0.07, 0.09)	0.001	0.585	0.034	0.038	0.379	0.03 (-0.04, 0.11)	0.062	0.046	0.182	0.06 (-0.03, 0.15)
7183_102	C19orf80	TD26	226	-0.030	0.020	0.125	-0.03 (-0.07, 0.01)	0.493	0.067	0.000	0.042	0.998	-1.25e-04 (-0.08, 0.08)	-0.002	0.415	-0.016	0.035	0.653	-0.02 (-0.08, 0.05)	-0.024	0.038	0.538	-0.02 (-0.10, 0.05)
9372_157	MPZL2	MPZL2	226	0.029	0.019	0.125	0.03 (-0.01, 0.07)	0.493	0.180	-0.045	0.040	0.266	-0.04 (-0.12, 0.03)	0.005	0.034	0.020	0.040	0.612	0.02 (-0.06, 0.10)	0.012	0.038	0.745	0.01 (-0.06, 0.09)
6406_3	NMES1	NMES1	226	0.028	0.018	0.126	0.03 (-0.01, 0.06)	0.494	0.536	0.032	0.036	0.376	0.03 (-0.04, 0.10)	0.000	0.884	-0.007	0.034	0.842	-0.01 (-0.07, 0.06)	-0.008	0.037	0.830	-0.01 (-0.08, 0.06)
11368_32	AK2	KAD2	226	-0.029	0.019	0.126	-0.03 (-0.07, 0.01)	0.495	0.923	-0.032	0.039	0.410	-0.03 (-0.11, 0.04)	0.000	0.939	-0.034	0.039	0.386	-0.03 (-0.11, 0.04)	-0.045	0.040	0.253	-0.05 (-0.12, 0.03)
5494_52	SNRPF	RUXF	226	0.053	0.034	0.126	0.05 (-0.01, 0.12)	0.495	1.86E-51	0.090	0.069	0.197	0.09 (-0.05, 0.23)	-0.002	0.537	0.070	0.035	0.048	0.07 (6.07e-04, 0.14	0.061	0.042	0.146	0.06 (-0.02, 0.14)
10961_15	RARRES3	TIG3	226	0.029	0.019	0.126	0.03 (-0.01, 0.07)	0.495	0.985	0.024	0.038	0.537	0.02 (-0.05, 0.10)	0.000	0.871	0.002	0.036	0.958	1.91e-03 (-0.07, 0.0	-0.003	0.040	0.941	-2.96e-03 (-0.08, 0.08)
14663_44	RNF8	RNF8	226	0.028	0.018	0.126	0.03 (-0.01, 0.06)	0.495	0.104	-0.009	0.039	0.819	-0.01 (-0.09, 0.07)	0.002	0.276	0.040	0.038	0.298	0.04 (-0.04, 0.11)	0.023	0.039	0.553	0.02 (-0.05, 0.10)
11431_235	RECQL	RECQ1	226	0.029	0.019	0.127	0.03 (-0.01, 0.07)	0.495	0.016	0.025	0.039	0.520	0.02 (-0.05, 0.10)	0.000	0.897	-0.017	0.031	0.580	-0.02 (-0.08, 0.04)	-0.019	0.038	0.618	-0.02 (-0.09, 0.06)
12577_100	FEN1	FLAP endo	226	-0.030	0.019	0.127	-0.03 (-0.07, 0.01)	0.495	0.833	-0.065	0.039	0.100	-0.06 (-0.14, 0.01)	0.002	0.305	-0.052	0.042	0.213	-0.05 (-0.13, 0.03)	-0.073	0.045	0.104	-0.07 (-0.16, 0.01)
18308_30	STXBP6	STXB6	226	0.034	0.022	0.126	0.03 (-0.01, 0.08)	0.495	1.83E-04	0.057	0.044	0.201	0.06 (-0.03, 0.14)	-0.001	0.545	0.066	0.040	0.098	0.07 (-0.01, 0.14)	0.070	0.039	0.075	0.07 (-0.01, 0.15)
19166_15	RPS19	RS19	226	0.031	0.020	0.127	0.03 (-0.01, 0.07)	0.495	0.003	-0.027	0.040	0.498	-0.03 (-0.11, 0.05)	0.004	0.098	-0.012	0.030	0.677	-0.01 (-0.07, 0.05)	-0.031	0.038	0.410	-0.03 (-0.11, 0.04)
4232_19	IGF1R	IGF-I sR	226	-0.032	0.021	0.127	-0.03 (-0.07, 0.01)	0.495	0.003	0.055	0.042	0.191	0.06 (-0.03, 0.14)	-0.005	0.017	-0.030	0.034	0.372	-0.03 (-0.10, 0.04)	-0.012	0.040	0.771	-0.01 (-0.09, 0.07)
13089_6	HIF1A	HIF-1a	226	0.030	0.019	0.127	0.03 (-0.01, 0.07)	0.497	0.234	-0.026	0.040	0.511	-0.03 (-0.11, 0.05)	0.004	0.110	0.026	0.042	0.537	0.03 (-0.06, 0.11)	0.020	0.039	0.605	0.02 (-0.06, 0.10)
3807_1	FGF23	FGF23	226	-0.029	0.019	0.128	-0.03 (-0.07, 0.01)	0.497	0.708	-0.008	0.039	0.846	-0.01 (-0.08, 0.07)	-0.001	0.518	-0.019	0.036	0.606	-0.02 (-0.09, 0.05)	-0.044	0.040	0.268	-0.04 (-0.12, 0.03)
4487_1	FGF7	FGF7	226	0.028	0.019	0.127	0.03 (-0.01, 0.06)	0.497	0.386	0.035	0.038	0.358	0.03 (-0.04, 0.11)	0.000	0.841	-0.014	0.030	0.640	-0.01 (-0.07, 0.04)	-0.031	0.039	0.417	-0.03 (-0.11, 0.04)
5599_88	PCYOX1L	PCYXL	226	0.028	0.018	0.127	0.03 (-0.01, 0.06)	0.497	0.337	0.017	0.037	0.652	0.02 (-0.06, 0.09)	0.001	0.738	-0.007	0.036	0.845	-0.01 (-0.08, 0.06)	-0.004	0.042	0.924	-4.03e-03 (-0.09, 0.08)
10574_10	B2M	b2-Microgl	226	0.030	0.019	0.128	0.03 (-0.01, 0.07)	0.497	0.074	-0.031	0.042	0.451	-0.03 (-0.11, 0.05)	0.004	0.093	0.001	0.032	0.973	1.09e-03 (-0.06, 0.0	-0.031	0.040	0.449	-0.03 (-0.11, 0.05)
10785_8	LRRC52	LRC52	226	-0.030	0.020	0.128	-0.03 (-0.07, 0.01)	0.497	0.168	-0.018	0.041	0.657	-0.02 (-0.10, 0.06)	-0.001	0.750	-0.044	0.034	0.190	-0.04 (-0.11, 0.02)	-0.061	0.039	0.124	-0.06 (-0.14, 0.02)
11436_6	INA	AINX	226	-0.033	0.022	0.128	-0.03 (-0.08, 0.01)	0.497	0.002	0.006	0.044	0.890	0.01 (-0.08, 0.09)	-0.002	0.304	0.001	0.036	0.979	9.43e-04 (-0.07, 0.0	0.001	0.043	0.976	1.27e-03 (-0.08, 0.08)
14341_8	FAM69C	FA69C	226	0.063	0.041	0.128	0.06 (-0.02, 0.14)	0.497	2.11E-111	0.063	0.083	0.449	0.06 (-0.10, 0.23)	0.000	0.995	0.060	0.036	0.101	0.06 (-0.01, 0.13)	0.054	0.037	0.146	0.05 (-0.02, 0.13)
16770_3	REG1B	REG1B	226	-0.042	0.027	0.128	-0.04 (-0.10, 0.01)	0.497	9.24E-17	0.020	0.055	0.717	0.02 (-0.09, 0.13)	-0.004	0.199	-0.003	0.034	0.924	-3.21e-03 (-0.07, 0.	-0.006	0.041	0.884	-0.01 (-0.09, 0.07)
5736_1	TREML2	TRML2	226	-0.029	0.019	0.128	-0.03 (-0.07, 0.01)	0.497	0.997	-0.012	0.038	0.745	-0.01 (-0.09, 0.06)	-0.001	0.620	-0.019	0.039	0.633	-0.02 (-0.10, 0.06)	-0.009	0.041	0.834	-0.01 (-0.09, 0.07)
8446_4	ADCYAP1	PACAP-27	226	-0.030	0.020	0.128	-0.03 (-0.07, 0.01)	0.498	0.212	-0.015	0.041	0.711	-0.02 (-0.10, 0.06)	-0.001	0.682	-0.027	0.043	0.532	-0.03 (-0.11, 0.06)	-0.041	0.044	0.349	-0.04 (-0.13, 0.04)
16561_9	A1BG	Alpha-1B-g	226	-0.028	0.019	0.129	-0.03 (-0.07, 0.01)	0.498	0.160	-0.023	0.040	0.554	-0.02 (-0.10, 0.05)	0.000	0.885	0.011	0.037	0.763	0.01 (-0.06, 0.08)	0.009	0.040	0.826	0.01 (-0.07, 0.09)
18883_4	DSTN	DEST	226	-0.029	0.019	0.129	-0.03 (-0.07, 0.01)	0.498	0.193	0.052	0.040	0.194	0.05 (-0.03, 0.13)	-0.005	0.020	0.000	0.040	0.995	-2.71e-04 (-0.08, 0.	-0.006	0.042	0.881	-0.01 (-0.09, 0.08)
2754_50	C3	C3	226	0.029	0.019	0.129	0.03 (-0.01, 0.07)	0.498	0.117	-0.057	0.041	0.159	-0.06 (-0.14, 0.02)	0.005	0.015	-0.020	0.032	0.518	-0.02 (-0.08, 0.04)	-0.013	0.041	0.746	-0.01 (-0.09, 0.07)
3166_92	CD33	Siglec-3	226	-0.033	0.021	0.129	-0.03 (-0.07, 0.01)	0.498	0.005	-0.068	0.043	0.119	-0.07 (-0.15, 0.02)	0.002	0.351	-0.074	0.037	0.047	-0.07 (-0.15, -8.31e-	-0.058	0.043	0.181	-0.06 (-0.14, 0.03)
3839_60	AIP	AIP	226	0.027	0.018	0.130	0.03 (-0.01, 0.06)	0.498	0.452	0.018	0.037	0.633	0.02 (-0.05, 0.09)	0.001	0.756	-0.031	0.032	0.329	-0.03 (-0.09, 0.03)	-0.027	0.041	0.508	-0.03 (-0.11, 0.05)
4282_3	RAN	RAN	226	-0.029	0.019	0.129	-0.03 (-0.07, 0.01)	0.498	0.564	-0.016	0.039	0.679	-0.02 (-0.09, 0.06)	-0.001	0.696	-0.036	0.040	0.359	-0.04 (-0.11, 0.04)	-0.060	0.041	0.148	-0.06 (-0.14, 0.02)
5345_51	CKAP2	CKAP2	226	0.034	0.022	0.130	0.03 (-0.01, 0.08)	0.498	2.29E-05	-0.027	0.044	0.551	-0.03 (-0.11, 0.06)	0.004	0.121	0.034	0.038	0.368	0.03 (-0.04, 0.11)	0.033	0.040	0.414	0.03 (-0.05, 0.11)
6441_62	ADAMTS6	ATS6	226	0.028	0.018	0.129	0.03 (-0.01, 0.06)	0.498	0.670	0.021	0.037	0.562	0.02 (-0.05, 0.09)	0.000	0.842	0.011	0.030	0.725	0.01 (-0.05, 0.07)	0.008	0.038	0.825	0.01 (-0.07, 0.08)
8390_25	COX7A1	CX7A1	226	0.029	0.019	0.130	0.03 (-0.01, 0.07)	0.498	0.993	0.064	0.039	0.101	0.06 (-0.01, 0.14)	-0.002	0.304	0.037	0.040	0.353	0.04 (-0.04, 0.11)	0.061	0.044	0.164	0.06 (-0.02, 0.15)
9522_3	AIFM1	AIF	226	0.028	0.019	0.130	0.03 (-0.01, 0.06)	0.498	0.111	0.030	0.040	0.448	0.03 (-0.05, 0.11)	0.000	0.954	-0.002	0.031	0.959	-1.60e-03 (-0.06, 0.	-0.012	0.042	0.772	-0.01 (-0.09, 0.07)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
11361_73	TYMP	TP	226	-0.027	0.018	0.130	-0.03 (-0.06, 0.01)	0.499	0.323	-0.068	0.037	0.071	-0.07 (-0.14, 0.01)	0.003	0.216	-0.046	0.038	0.233	-0.05 (-0.12, 0.03)	-0.045	0.034	0.188	-0.05 (-0.11, 0.02)
15434_5	PNOC	PNOC	226	0.030	0.020	0.130	0.03 (-0.01, 0.07)	0.501	0.223	0.004	0.041	0.922	4.01e-03 (-0.08, 0.08)	0.002	0.471	0.001	0.040	0.983	8.53e-04 (-0.08, 0.0	0.017	0.046	0.707	0.02 (-0.07, 0.11)
11146_4	TBX22	TBX22	226	0.029	0.019	0.131	0.03 (-0.01, 0.07)	0.501	0.234	0.028	0.041	0.492	0.03 (-0.05, 0.11)	0.000	0.965	0.010	0.041	0.801	0.01 (-0.07, 0.09)	0.019	0.042	0.661	0.02 (-0.06, 0.10)
9547_29	EMID1	EMID1	226	-0.029	0.019	0.131	-0.03 (-0.07, 0.01)	0.501	0.059	0.001	0.041	0.988	6.25e-04 (-0.08, 0.08)	-0.002	0.412	-0.002	0.033	0.960	-1.65e-03 (-0.07, 0.0	0.000	0.042	0.996	-2.33e-04 (-0.08, 0.08)
10035_6	DUSP4	DUS4	226	0.029	0.019	0.131	0.03 (-0.01, 0.07)	0.501	0.259	0.049	0.040	0.219	0.05 (-0.03, 0.13)	-0.001	0.561	0.047	0.033	0.147	0.05 (-0.02, 0.11)	0.051	0.040	0.204	0.05 (-0.03, 0.13)
5669_26	SIRPB2	SIRB2	226	0.027	0.018	0.131	0.03 (-0.01, 0.06)	0.501	0.087	0.013	0.038	0.739	0.01 (-0.06, 0.09)	0.001	0.670	-0.008	0.035	0.810	-0.01 (-0.08, 0.06)	0.018	0.040	0.652	0.02 (-0.06, 0.10)
14065_11	CD5	CD5	226	-0.031	0.021	0.131	-0.03 (-0.07, 0.01)	0.502	0.020	-0.029	0.042	0.487	-0.03 (-0.11, 0.05)	0.000	0.952	-0.024	0.035	0.495	-0.02 (-0.09, 0.04)	-0.061	0.040	0.129	-0.06 (-0.14, 0.02)
12860_7	ARPP21	cAMP-regul	226	0.029	0.020	0.132	0.03 (-0.01, 0.07)	0.503	0.145	0.013	0.041	0.745	0.01 (-0.07, 0.09)	0.001	0.657	0.031	0.040	0.432	0.03 (-0.05, 0.11)	0.001	0.038	0.987	6.29e-04 (-0.07, 0.07)
15569_15	COL2A1	Collagen II	226	-0.033	0.022	0.132	-0.03 (-0.08, 0.01)	0.504	0.004	0.032	0.044	0.470	0.03 (-0.05, 0.12)	-0.004	0.091	-0.078	0.035	0.027	-0.08 (-0.15, -0.01)	-0.069	0.040	0.082	-0.07 (-0.15, 0.01)
2797_56	APOB	Apo B	226	-0.048	0.032	0.132	-0.05 (-0.11, 0.01)	0.504	3.76E-40	-0.042	0.065	0.518	-0.04 (-0.17, 0.08)	0.000	0.910	0.018	0.038	0.634	0.02 (-0.06, 0.09)	0.024	0.040	0.551	0.02 (-0.05, 0.10)
5032_64	SSRP1	SSRP1	226	-0.029	0.019	0.132	-0.03 (-0.07, 0.01)	0.504	0.671	0.070	0.039	0.075	0.07 (-0.01, 0.15)	-0.006	0.004	0.023	0.034	0.508	0.02 (-0.04, 0.09)	0.037	0.040	0.355	0.04 (-0.04, 0.12)
11126_102	TRIO	TRIO	226	-0.029	0.019	0.132	-0.03 (-0.07, 0.01)	0.504	0.552	-0.025	0.039	0.514	-0.03 (-0.10, 0.05)	0.000	0.915	-0.004	0.038	0.913	-4.18e-03 (-0.08, 0.0	-0.011	0.040	0.782	-0.01 (-0.09, 0.07)
12408_333	RAB22A	RB22A	226	0.027	0.018	0.133	0.03 (-0.01, 0.06)	0.504	0.757	0.014	0.037	0.708	0.01 (-0.06, 0.09)	0.001	0.670	-0.008	0.035	0.812	-0.01 (-0.08, 0.06)	0.001	0.040	0.989	5.67e-04 (-0.08, 0.08)
14121_24	TNFRSF10	TRAIL R4	226	0.029	0.020	0.133	0.03 (-0.01, 0.07)	0.504	0.088	-0.009	0.042	0.822	-0.01 (-0.09, 0.07)	0.002	0.286	0.016	0.042	0.701	0.02 (-0.07, 0.10)	0.044	0.041	0.283	0.04 (-0.04, 0.12)
3326_58	CADM1	Nectin-like	226	-0.028	0.018	0.133	-0.03 (-0.06, 0.01)	0.504	0.509	-0.004	0.037	0.923	-3.60e-03 (-0.08, 0.07)	-0.002	0.455	-0.012	0.030	0.695	-0.01 (-0.07, 0.05)	0.014	0.042	0.743	0.01 (-0.07, 0.10)
4155_3	TNC	Tenascin	226	-0.029	0.019	0.133	-0.03 (-0.07, 0.01)	0.504	0.222	-0.041	0.040	0.310	-0.04 (-0.12, 0.04)	0.001	0.732	-0.073	0.037	0.046	-0.07 (-0.15, -1.31e-	-0.061	0.040	0.133	-0.06 (-0.14, 0.02)
4775_34	GSN	Gelsolin	226	-0.030	0.020	0.133	-0.03 (-0.07, 0.01)	0.504	0.035	-0.028	0.040	0.485	-0.03 (-0.11, 0.05)	0.000	0.958	-0.048	0.036	0.180	-0.05 (-0.12, 0.02)	-0.042	0.036	0.241	-0.04 (-0.11, 0.03)
10075_75	ACBD6	ACBD6	226	0.027	0.018	0.134	0.03 (-0.01, 0.06)	0.506	0.551	0.021	0.036	0.574	0.02 (-0.05, 0.09)	0.000	0.836	-0.004	0.029	0.887	-4.16e-03 (-0.06, 0.0	-0.038	0.040	0.343	-0.04 (-0.12, 0.04)
12432_23	CACYBP	CYBP	226	0.027	0.018	0.134	0.03 (-0.01, 0.06)	0.506	0.911	0.006	0.036	0.869	0.01 (-0.07, 0.08)	0.001	0.505	0.019	0.029	0.528	0.02 (-0.04, 0.08)	-0.019	0.038	0.618	-0.02 (-0.09, 0.06)
4959_2	AGR2	AGR2	226	0.029	0.020	0.134	0.03 (-0.01, 0.07)	0.506	0.527	0.008	0.039	0.839	0.01 (-0.07, 0.09)	0.001	0.534	0.008	0.040	0.847	0.01 (-0.07, 0.09)	0.009	0.043	0.840	0.01 (-0.08, 0.09)
6255_74	CPXM1	CPXM1	226	0.028	0.019	0.134	0.03 (-0.01, 0.07)	0.506	0.066	0.044	0.041	0.285	0.04 (-0.04, 0.12)	-0.001	0.663	0.016	0.040	0.684	0.02 (-0.06, 0.09)	0.032	0.043	0.468	0.03 (-0.05, 0.12)
9578_263	MANSC4	MANS4	226	-0.084	0.056	0.134	-0.08 (-0.19, 0.03)	0.506	4.85E-262	-0.092	0.113	0.416	-0.09 (-0.31, 0.13)	0.001	0.933	-0.002	0.033	0.955	-1.89e-03 (-0.07, 0.0	-0.010	0.039	0.798	-0.01 (-0.09, 0.07)
4911_49	GSTP1	Glutathione	226	-0.029	0.019	0.134	-0.03 (-0.07, 0.01)	0.506	0.234	0.003	0.040	0.936	3.20e-03 (-0.08, 0.08)	-0.002	0.358	-0.015	0.037	0.693	-0.01 (-0.09, 0.06)	-0.029	0.040	0.475	-0.03 (-0.11, 0.05)
9470_15	METTL24	MET24	226	-0.028	0.019	0.134	-0.03 (-0.07, 0.01)	0.506	0.213	-0.023	0.040	0.558	-0.02 (-0.10, 0.05)	0.000	0.882	0.029	0.034	0.391	0.03 (-0.04, 0.10)	0.043	0.042	0.310	0.04 (-0.04, 0.13)
10396_6	MCL1	Mcl-1	226	-0.029	0.020	0.134	-0.03 (-0.07, 0.01)	0.507	0.276	-0.075	0.040	0.065	-0.07 (-0.15, 4.31e-03)	0.003	0.195	-0.063	0.040	0.114	-0.06 (-0.14, 0.01)	-0.053	0.041	0.195	-0.05 (-0.13, 0.03)
18218_48	CNRIP1	CB032	226	-0.029	0.019	0.135	-0.03 (-0.07, 0.01)	0.507	0.650	-0.041	0.039	0.300	-0.04 (-0.12, 0.04)	0.001	0.734	-0.044	0.040	0.274	-0.04 (-0.12, 0.03)	-0.047	0.042	0.266	-0.05 (-0.13, 0.04)
3412_7	BCL2	Bcl-2	226	0.027	0.018	0.135	0.03 (-0.01, 0.06)	0.508	0.085	0.028	0.038	0.458	0.03 (-0.05, 0.10)	0.000	0.957	-0.026	0.031	0.399	-0.03 (-0.09, 0.03)	-0.021	0.040	0.608	-0.02 (-0.10, 0.06)
12732_13	MPP7	MPP7	226	0.028	0.019	0.135	0.03 (-0.01, 0.07)	0.508	0.063	0.019	0.041	0.637	0.02 (-0.06, 0.10)	0.001	0.802	-0.001	0.031	0.982	-7.01e-04 (-0.06, 0.0	-0.003	0.041	0.934	-3.41e-03 (-0.08, 0.08)
5128_53	SLAMF6	SLAF6	226	0.028	0.019	0.135	0.03 (-0.01, 0.07)	0.508	0.746	0.029	0.038	0.448	0.03 (-0.05, 0.10)	0.000	0.982	0.026	0.038	0.485	0.03 (-0.05, 0.10)	0.039	0.035	0.264	0.04 (-0.03, 0.11)
18289_16	CCL15	MIP-5	226	-0.033	0.022	0.135	-0.03 (-0.08, 0.01)	0.508	0.004	-0.027	0.044	0.539	-0.03 (-0.11, 0.06)	0.000	0.885	-0.021	0.044	0.632	-0.02 (-0.11, 0.06)	-0.012	0.043	0.784	-0.01 (-0.10, 0.07)
12348_46	SARS2	SYSM	226	0.027	0.018	0.135	0.03 (-0.01, 0.06)	0.508	0.115	0.027	0.039	0.489	0.03 (-0.05, 0.10)	0.000	0.994	-0.010	0.030	0.752	-0.01 (-0.07, 0.05)	-0.020	0.039	0.603	-0.02 (-0.10, 0.06)
17775_8	TAGLN3	TAGL3	226	-0.029	0.019	0.136	-0.03 (-0.07, 0.01)	0.509	0.917	0.028	0.039	0.468	0.03 (-0.05, 0.10)	-0.004	0.092	-0.015	0.038	0.689	-0.02 (-0.09, 0.06)	-0.036	0.041	0.382	-0.04 (-0.12, 0.04)
12729_12	PSMG3	PSMG3	226	0.028	0.019	0.136	0.03 (-0.01, 0.06)	0.509	0.772	0.017	0.037	0.640	0.02 (-0.06, 0.09)	0.001	0.753	-0.019	0.032	0.547	-0.02 (-0.08, 0.04)	-0.038	0.039	0.323	-0.04 (-0.11, 0.04)
11421_10	EHD4	EHD4	226	0.026	0.018	0.137	0.03 (-0.01, 0.06)	0.510	0.628	0.018	0.036	0.609	0.02 (-0.05, 0.09)	0.001	0.793	-0.019	0.033	0.574	-0.02 (-0.08, 0.05)	-0.014	0.039	0.720	-0.01 (-0.09, 0.06)
12832_10	ASH2L	ASH2L	226	0.028	0.019	0.136	0.03 (-0.01, 0.06)	0.510	0.509	0.001	0.037	0.987	6.08e-04 (-0.07, 0.07)	0.002	0.405	-0.032	0.032	0.317	-0.03 (-0.09, 0.03)	-0.064	0.040	0.112	-0.06 (-0.14, 0.01)
15692_300	NODAL	NODAL	226	-0.029	0.019	0.136	-0.03 (-0.07, 0.01)	0.510	0.595	0.022	0.039	0.570	0.02 (-0.05, 0.10)	-0.003	0.133	0.006	0.040	0.890	0.01 (-0.07, 0.08)	0.001	0.042	0.974	1.36e-03 (-0.08, 0.08)
3810_50	FGR	FGR	226	-0.028	0.019	0.136	-0.03 (-0.06, 0.01)	0.510	0.673	-0.054	0.037	0.150	-0.05 (-0.13, 0.02)	0.002	0.418	-0.028	0.039	0.476	-0.03 (-0.10, 0.05)	-0.036	0.040	0.378	-0.04 (-0.11, 0.04)
6553_68	CFAP45	CCD19	226	0.029	0.019	0.137	0.03 (-0.01, 0.07)	0.510	0.191	-0.040	0.041	0.327	-0.04 (-0.12, 0.04)	0.004	0.052	0.041	0.039	0.290	0.04 (-0.04, 0.12)	0.009	0.044	0.833	0.01 (-0.08, 0.10)
8347_222	DEFB129	DB129	226	-0.029	0.020	0.136	-0.03 (-0.07, 0.01)	0.510	0.398	0.009	0.040	0.823	0.01 (-0.07, 0.09)	-0.002	0.272	-0.024	0.041	0.563	-0.02 (-0.10, 0.06)	-0.025	0.041	0.551	-0.02 (-0.11, 0.06)
8089_173	NR4A1	NR4A1	226	0.029	0.020	0.137	0.03 (-0.01, 0.07)	0.510	0.190	-0.008	0.041	0.840	-0.01 (-0.09, 0.07)	0.002	0.295	-0.005	0.038	0.900	-4.72e-03 (-0.08, 0.0	0.013	0.043	0.753	0.01 (-0.07, 0.10)
9025_5	AHSP	AHSP	226	0.029	0.020	0.137	0.03 (-0.01, 0.07)	0.510	0.142	0.037	0.041	0.369	0.04 (-0.04, 0.12)	-0.001	0.819	0.041	0.043	0.336	0.04 (-0.04, 0.12)	0.072	0.041	0.080	0.07 (-0.01, 0.15)
12343_14	ACAP2	CENB2	226	-0.028	0.019	0.137	-0.03 (-0.06, 0.01)	0.511	0.391	-0.053	0.038	0.165	-0.05 (-0.13, 0.02)	0.002	0.445	-0.045	0.038	0.238	-0.05 (-0.12, 0.03)	-0.056	0.037	0.134	-0.06 (-0.13, 0.02)
18307_71	PPA2	PPase 2	226	0.027	0.018	0.137	0.03 (-0.01, 0.06)	0.511	0.262	0.019	0.037	0.601	0.02 (-0.05, 0.09)	0.000	0.824	0.004	0.032	0.907	3.76e-03 (-0.06, 0.0	0.018	0.041	0.662	0.02 (-0.06, 0.10)
5717_2	CILP	CILP	226	0.027	0.018	0.137	0.03 (-0.01, 0.06)	0.511	0.612	-0.009	0.036	0.808	-0.01 (-0.08, 0.06)	0.002	0.259	-0.015	0.031	0.627	-0.02 (-0.08, 0.05)	-0.039	0.041	0.344	-0.04 (-0.12, 0.04)
15585_304	FBLN5	fibulin 5	226	-0.029	0.019	0.138	-0.03 (-0.07, 0.01)	0.512	0.746	-0.033	0.039	0.395	-0.03 (-0.11, 0.04)	0.000	0.894	-0.064	0.037	0.088	-0.06 (-0.14, 0.01)	-0.064	0.038	0.096	-0.06 (-0.14, 0.01)
2728_62	TNC	Tenascin	226	0.028	0.019	0.138	0.03 (-0.01, 0.06)	0.512	0.641	0.041	0.038	0.273	0.04 (-0.03, 0.11)	-0.001	0.677	0.007	0.036	0.851	0.01 (-0.06, 0.08)	0.029	0.041	0.489	0.03 (-0.05, 0.11)
14054_17	IL15RA	IL-15 Ra	226	-0.027	0.018	0.138	-0.03 (-0.06, 0.01)	0.513	0.057	-0.014	0.040	0.735	-0.01 (-0.09, 0.06)	-0.001	0.692	-0.052	0.037	0.160	-0.05 (-0.12, 0.02)	-0.032	0.038	0.397	-0.03 (-0.11, 0.04)
11177_16	KRT5	K2C5	226	-0.028	0.019	0.139	-0.03 (-0.06, 0.01)	0.513	0.117	-0.028	0.040	0.482	-0.03 (-0.11, 0.05)	0.000	0.991	-0.018	0.038	0.623	-0.02 (-0.09, 0.06)	-0.033	0.038	0.389	-0.03 (-0.11, 0.04)
5484_63	RPS3A	RS3A	226	0.027	0.018	0.139	0.03 (-0.01, 0.06)	0.513	0.281	-0.020	0.037	0.587	-0.02 (-0.09, 0.05)	0.003	0.147	-0.005	0.030	0.857	-0.01 (-0.06, 0.05)	-0.024	0.041	0.555	-0.02 (-0.10, 0.06)
19347_37	CA12	Carbonic A	226	-0.029	0.019	0.139	-0.03 (-0.07, 0.01)	0.514	0.910	0.004	0.039	0.916	4.12e-03 (-0.07, 0.08)	-0.002	0.335	-0.002	0.032	0.947	-2.13e-03 (-0.07, 0.0	0.028	0.040	0.493	0.03 (-0.05, 0.11)
17511_10	RPP30	RPP30	226	0.028	0.019	0.139	0.03 (-0.01, 0.07)	0.515	0.497	-0.017	0.039	0.667	-0.02 (-0.09, 0.06)	0.003	0.181	0.028	0.039	0.468	0.03 (-0.05, 0.10)	0.045	0.042	0.282	0.05 (-0.04, 0.13)
6933_20	MRPL34	RM34	226	0.028	0.019	0.139	0.03 (-0.01, 0.07)	0.515	0.148	-0.022	0.040	0.581	-0.02 (-0.10, 0.06)	0.003	0.150	-0.006	0.039	0.874	-0.01 (-0.08, 0.07)	-0.003	0.039	0.930	-3.42e-03 (-0.08, 0.07)
12817_1	GEM	GEM	226	0.031	0.021	0.140	0.03 (-0.01, 0.07)	0.516	0.030	-0.017	0.042	0.688	-0.02 (-0.10, 0.06)	0.003	0.192	-0.012	0.038	0.760	-0.01 (-0.09, 0.06)	-0.010	0.040	0.805	-0.01 (-0.09, 0.07)
16587_1	CSN2	Beta-casein	226	0.029	0.020	0.140	0.03 (-0.01, 0.07)	0.516	0.570	-0.015	0.039	0.696	-0.02 (-0.09, 0.06)	0.003	0.197	-0.005	0.033	0.885	-4.84e-03 (-0.07, 0.0	-0.005	0.042	0.903	-0.01 (-0.09, 0.08)
17451_13	BCL2L11	BIM	226	0.029	0.020	0.140	0.03 (-0.01, 0.07)	0.516	0.229	-0.020	0.041	0.621	-0.02 (-0.10, 0.06)	0.003	0.166	0.044	0.035	0.215	0.04 (-0.03, 0.11)	0.036	0.044	0.421	0.04 (-0.05, 0.12)
19438_68	SYF2	SYF2	226	0.027	0.018	0.140	0.03 (-0.01, 0.06)	0.516	0.188	0.051	0.038	0.183	0.05 (-0.02, 0.13)	-0.001	0.468	0.009	0.032	0.773	0.01 (-0.05, 0.07)	0.016	0.043	0.715	0.02 (-0.07, 0.10)
3418_12	CAMK1D	CAMK1D	226	0.029	0.019	0.140	0.03 (-0.01, 0.07)	0.516	0.149	-0.006	0.041	0.882	-0.01 (-0.09, 0.07)	0.002	0.330	0.047	0.041	0.241	0.05 (-0.03, 0.13)	0.053	0.042	0.204	0.05 (-0.03, 0.13)
19200_16	NDUFA5	NDUA5	226	0.028	0.019	0.140	0.03 (-0.01, 0.06)	0.516	0.112	0.021	0.040	0.602	0.02 (-0.06, 0.10)	0.000	0.845	-0.006	0.033	0.844	-0.01 (-0.07, 0.06)	-0.030	0.044	0.492	-0.03 (-0.12, 0.06)
3327_27	NTN4	NET4	226	0.028	0.019	0.140	0.03 (-0.01, 0.06)	0.516	0.495	0.078	0.038	0.042	0.08 (3.40e-03, 0.15)	-0.003	0.131	0.072	0.035	0.038	0.07 (3.91e-03, 0.14	0.054	0.042	0.202	0.05 (-0.03, 0.14)
13229_20	MDM4	MDM4	226	-0.029	0.019	0.141	-0.03 (-0.07, 0.01)	0.516	0.428	-0.019	0.039	0.622	-0.02 (-0.10, 0.06)	-0.001	0.789	0.015	0.038	0.704	0.01 (-0.06, 0.09)	0.011	0.045	0.809	0.01 (-0.08, 0.10)
17514_48	RAB21	RAB21	226	-0.028	0.019	0.141	-0.03 (-0.07, 0.01)	0.516	0.973	-0.011	0.039	0.776	-0.01 (-0.09, 0.06)	-0.001	0.607	-0.048	0.037	0.197	-0.05 (-0.12, 0.02)	-0.044	0.038	0.252	-0.04 (-0.12, 0.03)
12663_1	TST	THTR	226	0.032	0.022	0.141	0.03 (-0.01, 0.08)	0.517	0.001	0.042	0.044	0.340	0.04 (-0.04, 0.13)	-0.001	0.793	0.018	0.032	0.575	0.02 (-0.04, 0.08)	0.028	0.045	0.530	0.03 (-0.06, 0.12)
11682_7	TXNIP	TXNIP	226	0.029	0.019	0.141	0.03 (-0.01, 0.07)	0.518	0.150	-0.021	0.041	0.606	-0.02 (-0.10, 0.06)	0.003	0.163	0.033	0.040	0.406	0.03 (-0.05, 0.11)	-0.031	0.042	0.455	-0.03 (-0.11, 0.05)
8768_4	BCL10	Bcl-10	226	0.027	0.018	0.141	0.03 (-0.01, 0.06)	0.518	0.331	-0.007	0.038	0.854	-0.01 (-0.08, 0.07)	0.002	0.301	-0.008	0.032	0.804	-0.01 (-0.07, 0.05)	-0.006	0.038	0.879	-0.01 (-0.08, 0.07)
10833_64	HHIP	HHIP	226	-0.032	0.022	0.142	-0.03 (-0.07, 0.01)	0.520	0.003	0.067	0.043	0.124	0.07 (-0.02, 0.15)	-0.006	0.009	0.073	0.033	0.026	0.07 (0.01, 0.14)	0.093	0.044	0.035	0.09 (0.01, 0.18)
11260_47	SUN5	SPA4L	226	-0.030	0.021	0.142	-0.03 (-0.07, 0.01)	0.520	0.024	-0.042	0.042	0.317	-0.04 (-0.12, 0.04)	0.001	0.752	-0.047	0.032	0.143	-0.05 (-0.11, 0.02)	-0.054	0.041	0.187	-0.05 (-0.13, 0.03)
17405_2	UCHL5	UCHL5	226	-0.027	0.019	0.142	-0.03 (-0.06, 0.01)	0.520	0.349	0.011	0.038	0.768	0.01 (-0.06, 0.09)	-0.002	0.245	-0.050	0.038	0.189	-0.05 (-0.12, 0.02)	-0.050	0.043	0.241	-0.05 (-0.13, 0.03)
19263_147	EIF4E	IF4E	226	-0.028	0.019	0.142	-0.03 (-0.07, 0.01)	0.520	0.883	-0.020	0.039	0.604	-0.02 (-0.10, 0.06)	-0.001	0.810	-0.052	0.038	0.165	-0.05 (-0.13, 0.02)	-0.059	0.040	0.143	-0.06 (-0.14, 0.02)
11661_11	NLRP1	NALP1	226	-0.028	0.019	0.142	-0.03 (-0.07, 0.01)	0.520	0.194	0.039	0.040	0.332	0.04 (-0.04, 0.12)	-0.004	0.055	0.014	0.034	0.685	0.01 (-0.05, 0.08)	0.017	0.043	0.685	0.02 (-0.07, 0.10)
7959_34	CDH7	CADH7	226	-0.033	0.023	0.143	-0.03 (-0.08, 0.01)	0.520	4.47E-04	-0.021	0.046	0.638	-0.02 (-0.11, 0.07)	-0.001	0.769	0.002	0.034	0.948	2.21e-03 (-0.06, 0.0	0.055	0.047	0.248	0.05 (-0.04, 0.15)
17356_34	IL1F10	IL1FA	226	-0.029	0.019	0.143	-0.03 (-0.07, 0.01)	0.520	0.406	-0.014	0.040	0.722	-0.01 (-0.09, 0.06)	-0.001	0.677	-0.007	0.038	0.851	-0.01 (-0.08, 0.07)	-0.023	0.041	0.581	-0.02 (-0.10, 0.06)
9092_33	ANGPTL1	ANGL1	226	-0.028	0.019	0.143	-0.03 (-0.07, 0.01)	0.520	0.371	-0.061	0.040	0.124	-0.06 (-0.14, 0.02)	0.002	0.342	-0.044	0.040	0.270	-0.04 (-0.12, 0.03)	-0.044	0.040	0.268	-0.04 (-0.12, 0.03)
10531_18	NRAS	RASN	226	-0.027	0.019	0.144	-0.03 (-0.06, 0.01)	0.520	0.085	-0.001	0.040	0.987	-6.70e-04 (-0.08, 0.08)	-0.002	0.444	-0.034	0.039	0.379	-0.03 (-0.11, 0.04)	-0.065	0.039	0.095	-0.06 (-0.14, 0.01)
13595_20	THTPA	THTPA	226	-0.028	0.019	0.144	-0.03 (-0.07, 0.01)	0.520	0.062	0.009	0.041	0.825	0.01 (-0.07, 0.09)	-0.002	0.301	-0.006	0.032	0.850	-0.01 (-0.07, 0.06)	-0.024	0.044	0.589	-0.02 (-0.11, 0.06)
16837_20	CFLAR	FLIP	226	0.028	0.019	0.143	0.03 (-0.01, 0.07)	0.520	0.770	0.028	0.039	0.476	0.03 (-0.05, 0.10)	0.000	0.989	-0.002	0.037	0.956	-2.03e-03 (-0.07, 0.0	0.016	0.041	0.694	0.02 (-0.06, 0.10)
17325_10	GUK1	KGUA	226	-0.027	0.019	0.143	-0.03 (-0.06, 0.01)	0.520	0.586	-0.038	0.038	0.307	-0.04 (-0.11, 0.04)	0.001	0.732	-0.077	0.034	0.025	-0.08 (-0.14, -0.01)	-0.080	0.041	0.054	-0.08 (-0.16, 9.38e-04)
17427_26	NLGN3	NLGN3	226	-0.028	0.019	0.144	-0.03 (-0.07, 0.01)	0.520	0.173	0.033	0.040	0.412	0.03 (-0.05, 0.11)	-0.004	0.081	0.022	0.034	0.511	0.02 (-0.04, 0.09)	0.055	0.046	0.236	0.05 (-0.04, 0.15)
4496_60	MMP12	MMP-12	226	-0.027	0.018	0.144	-0.03 (-0.06, 0.01)	0.520	0.092	-0.046	0.039	0.240	-0.05 (-0.12, 0.03)	0.001	0.568	-0.019	0.033	0.575	-0.02 (-0.08, 0.05)	-0.033	0.039	0.397	-0.03 (-0.11, 0.04)
5088_175	IL23R	IL-23 R	226	0.027	0.018	0.143	0.03 (-0.01, 0.06)	0.520	0.382	0.036	0.037	0.344	0.04 (-0.04, 0.11)	-0.001	0.789	-0.010	0.031	0.749	-0.01 (-0.07, 0.05)	-0.039	0.041	0.348	-0.04 (-0.12, 0.04)
8356_88	OXT	NEU1	226	0.032	0.022	0.144	0.03 (-0.01, 0.07)	0.520	0.007	-0.006	0.044	0.888	-0.01 (-0.09, 0.08)	0.002	0.319	-0.001	0.039	0.973	-1.35e-03 (-0.08, 0.0	0.010	0.041	0.806	0.01 (-0.07, 0.09)
8686_342	C11orf73	HIKES	226	0.027	0.018	0.143	0.03 (-0.01, 0.06)	0.520	0.298	0.015	0.038	0.690	0.02 (-0.06, 0.09)	0.001	0.723	-0.008	0.030	0.778	-0.01 (-0.07, 0.05)	-0.017	0.040	0.663	-0.02 (-0.10, 0.06)
9580_5	LAMC2	Laminin ga	226	-0.027	0.019	0.143	-0.03 (-0.06, 0.01)	0.520	0.945	0.018	0.038	0.634	0.02 (-0.06, 0.09)	-0.003	0.167	-0.004	0.039	0.925	-3.66e-03 (-0.08, 0.0	0.014	0.042	0.738	0.01 (-0.07, 0.10)
12893_159	IFI16	IP16	226	0.031	0.021	0.145	0.03 (-0.01, 0.07)	0.523	0.001	0.056	0.042	0.189	0.06 (-0.03, 0.14)	-0.002	0.494	0.012	0.037	0.744	0.01 (-0.06, 0.08)	0.014	0.043	0.745	0.01 (-0.07, 0.10)
15325_14	GAP43	NEUM	226	0.027	0.018	0.145	0.03 (-0.01, 0.06)	0.523	0.796	0.039	0.037	0.286	0.04 (-0.03, 0.11)	-0.001	0.690	-0.006	0.032	0.849	-0.01 (-0.07, 0.06)	0.003	0.039	0.942	2.83e-03 (-0.07, 0.08)
9819_110	MCL1	Mcl-1	226	0.028	0.019	0.145	0.03 (-0.01, 0.07)	0.523	0.071	0.015	0.042	0.719	0.01 (-0.07, 0.10)	0.001	0.716	0.029	0.041	0.485	0.03 (-0.05, 0.11)	0.065	0.042	0.125	0.06 (-0.02, 0.15)
12658_72	PANK3	PANK3	226	0.026	0.018	0.145	0.03 (-0.01, 0.06)	0.524	0.370	0.001	0.036	0.969	1.41e-03 (-0.07, 0.07)	0.002	0.439	-0.003	0.036	0.933	-3.02e-03 (-0.07, 0.0	0.010	0.040	0.796	0.01 (-0.07, 0.09)
15312_14	AGO1	AGO1	226	0.026	0.018	0.146	0.03 (-0.01, 0.06)	0.524	0.711	0.025	0.036	0.481	0.03 (-0.05, 0.10)	0.000	0.984	0.014	0.030	0.644	0.01 (-0.04, 0.07)	0.018	0.037	0.624	0.02 (-0.05, 0.09)
4297_62	SPON1	Spondin-1	226	-0.031	0.021	0.146	-0.03 (-0.07, 0.01)	0.524	3.74E-04	-0.029	0.043	0.499	-0.03 (-0.11, 0.06)	0.000	0.960	-0.032	0.039	0.422	-0.03 (-0.11, 0.05)	0.003	0.041	0.945	2.83e-03 (-0.08, 0.08)
5715_4	ABHD14A	ABHEA	226	0.028	0.019	0.145	0.03 (-0.01, 0.07)	0.524	0.039	0.006	0.039	0.878	0.01 (-0.07, 0.08)	0.001	0.513	-0.027	0.032	0.386	-0.03 (-0.09, 0.03)	-0.045	0.037	0.221	-0.04 (-0.12, 0.03)
6281_51	ST3GAL2	SIA4B	226	0.026	0.018	0.146	0.03 (-0.01, 0.06)	0.524	0.095	-0.002	0.039	0.958	-2.06e-03 (-0.08, 0.07)	0.002	0.399	-0.030	0.032	0.338	-0.03 (-0.09, 0.03)	-0.030	0.038	0.424	-0.03 (-0.10, 0.04)
13972_4	HSD17B14	DHB14	226	-0.028	0.019	0.147	-0.03 (-0.07, 0.01)	0.526	0.373	-0.016	0.040	0.689	-0.02 (-0.09, 0.06)	-0.001	0.724	-0.010	0.038	0.786	-0.01 (-0.08, 0.06)	-0.015	0.041	0.725	-0.01 (-0.10, 0.07)
15548_35	PHGDH	SERA	226	0.097	0.067	0.147	0.10 (-0.03, 0.23)	0.526	0.00E+00	0.065	0.135	0.631	0.06 (-0.20, 0.33)	0.002	0.784	0.027	0.042	0.519	0.03 (-0.06, 0.11)	0.028	0.046	0.543	0.03 (-0.06, 0.12)
16818_200	CDCP1	CDCP1	226	0.026	0.018	0.147	0.03 (-0.01, 0.06)	0.528	0.062	-0.005	0.038	0.891	-0.01 (-0.08, 0.07)	0.002	0.353	0.033	0.036	0.359	0.03 (-0.04, 0.10)	0.018	0.037	0.632	0.02 (-0.05, 0.09)
4234_8	IL1RL1	IL-1 R4	226	-0.030	0.021	0.147	-0.03 (-0.07, 0.01)	0.528	2.79E-04	0.060	0.042	0.150	0.06 (-0.02, 0.14)	-0.006	0.013	0.031	0.031	0.328	0.03 (-0.03, 0.09)	0.070	0.036	0.055	0.07 (-1.19e-03, 0.14)
5337_64	CD86	B7-2	226	-0.032	0.022	0.148	-0.03 (-0.07, 0.01)	0.529	0.001	0.020	0.044	0.643	0.02 (-0.07, 0.11)	-0.003	0.174	-0.003	0.038	0.938	-2.95e-03 (-0.08, 0.0	-0.022	0.041	0.585	-0.02 (-0.10, 0.06)
19302_7	GIMAP6	GIMA6	226	0.028	0.020	0.148	0.03 (-0.01, 0.07)	0.530	0.060	-0.036	0.042	0.398	-0.04 (-0.12, 0.05)	0.004	0.081	0.004	0.039	0.917	4.06e-03 (-0.07, 0.0	-0.016	0.045	0.724	-0.02 (-0.11, 0.07)
19622_7	INHBA	Activin A	226	0.027	0.018	0.148	0.03 (-0.01, 0.06)	0.530	0.055	0.006	0.040	0.886	0.01 (-0.07, 0.08)	0.001	0.547	0.011	0.038	0.768	0.01 (-0.06, 0.08)	0.027	0.039	0.490	0.03 (-0.05, 0.10)
4991_12	GPC5	GPC5	226	-0.028	0.019	0.148	-0.03 (-0.07, 0.01)	0.530	0.471	0.028	0.039	0.475	0.03 (-0.05, 0.10)	-0.003	0.100	-0.038	0.040	0.335	-0.04 (-0.12, 0.04)	-0.039	0.043	0.366	-0.04 (-0.12, 0.04)
5452_71	ASGR1	ASGR1	226	0.027	0.018	0.148	0.03 (-0.01, 0.06)	0.530	0.166	-0.013	0.039	0.740	-0.01 (-0.09, 0.06)	0.002	0.241	0.020	0.036	0.576	0.02 (-0.05, 0.09)	0.025	0.039	0.510	0.03 (-0.05, 0.10)
3379_29	PRKCI	KPCI	226	0.026	0.018	0.149	0.03 (-0.01, 0.06)	0.531	0.712	-0.001	0.037	0.982	-8.26e-04 (-0.07, 0.07)	0.002	0.395	0.004	0.030	0.887	4.32e-03 (-0.06, 0.0	-0.029	0.042	0.493	-0.03 (-0.11, 0.05)
4913_78	CCL16	HCC-4	226	0.026	0.018	0.149	0.03 (-0.01, 0.06)	0.531	0.882	-0.008	0.037	0.825	-0.01 (-0.08, 0.06)	0.002	0.281	0.029	0.036	0.422	0.03 (-0.04, 0.10)	0.026	0.037	0.481	0.03 (-0.05, 0.10)
18181_2	TSSC4	TSSC4	226	0.025	0.018	0.149	0.03 (-0.01, 0.06)	0.531	0.137	0.014	0.037	0.703	0.01 (-0.06, 0.09)	0.001	0.732	-0.020	0.027	0.455	-0.02 (-0.07, 0.03)	-0.053	0.040	0.196	-0.05 (-0.13, 0.03)
6291_55	CLSTN3	Alcadein-be	226	0.027	0.019	0.149	0.03 (-0.01, 0.06)	0.531	0.060	0.025	0.041	0.536	0.03 (-0.06, 0.11)	0.000	0.958	0.015	0.040	0.717	0.01 (-0.06, 0.09)	0.021	0.043	0.615	0.02 (-0.06, 0.11)
11201_19	PUS1	TRUA	226	0.028	0.019	0.151	0.03 (-0.01, 0.07)	0.533	0.459	0.033	0.039	0.392	0.03 (-0.04, 0.11)	0.000	0.864	0.026	0.033	0.430	0.03 (-0.04, 0.09)	0.002	0.041	0.954	2.41e-03 (-0.08, 0.08)
18213_30	UBE2F	UBE2F	226	0.027	0.018	0.150	0.03 (-0.01, 0.06)	0.533	0.774	0.032	0.037	0.394	0.03 (-0.04, 0.10)	0.000	0.872	0.002	0.032	0.944	2.23e-03 (-0.06, 0.0	0.006	0.040	0.873	0.01 (-0.07, 0.08)
18337_4	GMDS	GMDS	226	-0.028	0.020	0.150	-0.03 (-0.07, 0.01)	0.533	0.147	-0.033	0.041	0.424	-0.03 (-0.11, 0.05)	0.000	0.891	-0.050	0.040	0.207	-0.05 (-0.13, 0.03)	-0.041	0.042	0.332	-0.04 (-0.12, 0.04)
18386_36	GLRX	GLRX1	226	0.028	0.019	0.150	0.03 (-0.01, 0.07)	0.533	0.614	-0.015	0.039	0.707	-0.01 (-0.09, 0.06)	0.003	0.209	-0.011	0.035	0.757	-0.01 (-0.08, 0.06)	0.011	0.043	0.791	0.01 (-0.07, 0.09)
2700_56	PROS1	Protein S	226	0.027	0.019	0.150	0.03 (-0.01, 0.06)	0.533	0.207	0.026	0.039	0.509	0.03 (-0.05, 0.10)	0.000	0.977	0.058	0.033	0.074	0.06 (-0.01, 0.12)	0.057	0.040	0.153	0.06 (-0.02, 0.13)
3132_1	VEGFC	VEGF-C	226	0.026	0.018	0.150	0.03 (-0.01, 0.06)	0.533	0.306	0.041	0.037	0.278	0.04 (-0.03, 0.11)	-0.001	0.654	-0.029	0.033	0.365	-0.03 (-0.09, 0.03)	-0.021	0.042	0.615	-0.02 (-0.10, 0.06)
3234_23	CCDC80	URB	226	-0.035	0.024	0.151	-0.03 (-0.08, 0.01)	0.533	7.63E-08	-0.078	0.049	0.109	-0.08 (-0.17, 0.02)	0.003	0.304	-0.088	0.039	0.022	-0.09 (-0.16, -0.01)	-0.092	0.038	0.017	-0.09 (-0.17, -0.02)
4883_56	INS	Insulin	226	0.030	0.021	0.151	0.03 (-0.01, 0.07)	0.533	0.014	-0.011	0.042	0.792	-0.01 (-0.09, 0.07)	0.003	0.261	0.028	0.038	0.458	0.03 (-0.05, 0.10)	0.009	0.037	0.812	0.01 (-0.06, 0.08)
5107_7	NOTCH1	Notch 1	226	-0.034	0.024	0.150	-0.03 (-0.08, 0.01)	0.533	4.21E-09	0.044	0.047	0.351	0.04 (-0.05, 0.14)	-0.005	0.058	0.000	0.034	0.994	-2.57e-04 (-0.07, 0.0	-0.006	0.045	0.896	-0.01 (-0.09, 0.08)
5451_1	ALCAM	ALCAM	226	-0.029	0.020	0.150	-0.03 (-0.07, 0.01)	0.533	0.004	0.012	0.040	0.761	0.01 (-0.07, 0.09)	-0.003	0.242	-0.014	0.033	0.657	-0.01 (-0.08, 0.05)	-0.021	0.037	0.575	-0.02 (-0.09, 0.05)
5490_53	SPOCK1	Testican-1	226	0.025	0.018	0.151	0.03 (-0.01, 0.06)	0.533	0.565	0.007	0.036	0.846	0.01 (-0.06, 0.08)	0.001	0.551	-0.006	0.030	0.836	-0.01 (-0.07, 0.05)	-0.018	0.040	0.661	-0.02 (-0.10, 0.06)
5623_11	CD300LF	CLM1	226	0.028	0.020	0.151	0.03 (-0.01, 0.07)	0.533	0.476	0.072	0.039	0.069	0.07 (-0.01, 0.15)	-0.003	0.201	0.032	0.042	0.447	0.03 (-0.05, 0.11)	0.035	0.044	0.433	0.03 (-0.05, 0.12)
5723_4	INSL3	INSL3	226	0.027	0.019	0.151	0.03 (-0.01, 0.06)	0.533	0.084	0.025	0.040	0.528	0.03 (-0.05, 0.10)	0.000	0.968	0.048	0.038	0.208	0.05 (-0.03, 0.12)	0.034	0.040	0.396	0.03 (-0.04, 0.11)
8059_1	THPO	Tpo	226	-0.028	0.019	0.152	-0.03 (-0.07, 0.01)	0.534	0.754	-0.004	0.039	0.921	-3.90e-03 (-0.08, 0.07)	-0.001	0.482	-0.006	0.036	0.870	-0.01 (-0.08, 0.06)	0.003	0.041	0.950	2.58e-03 (-0.08, 0.08)
12549_33	HPGDS	PTGD2	226	-0.030	0.021	0.152	-0.03 (-0.07, 0.01)	0.535	0.022	0.065	0.041	0.113	0.07 (-0.02, 0.15)	-0.006	0.008	0.026	0.034	0.442	0.03 (-0.04, 0.09)	0.035	0.045	0.441	0.03 (-0.05, 0.12)
15560_52	TCN2	Apo-TC II	226	-0.028	0.019	0.152	-0.03 (-0.07, 0.01)	0.535	0.066	-0.060	0.042	0.153	-0.06 (-0.14, 0.02)	0.002	0.376	-0.011	0.039	0.776	-0.01 (-0.09, 0.06)	-0.034	0.041	0.404	-0.03 (-0.12, 0.05)
3209_69	MEPE	MEPE	226	-0.028	0.020	0.152	-0.03 (-0.07, 0.01)	0.535	0.236	0.006	0.041	0.877	0.01 (-0.07, 0.09)	-0.002	0.332	-0.055	0.035	0.119	-0.05 (-0.12, 0.01)	-0.037	0.042	0.376	-0.04 (-0.12, 0.05)
7809_22	SPATA9	SPAT9	226	0.027	0.019	0.152	0.03 (-0.01, 0.06)	0.535	0.469	0.028	0.038	0.467	0.03 (-0.05, 0.10)	0.000	0.981	-0.020	0.036	0.588	-0.02 (-0.09, 0.05)	-0.002	0.041	0.967	-1.70e-03 (-0.08, 0.08)
3821_28	MAPKAPK5	MAPK5	226	-0.027	0.019	0.152	-0.03 (-0.06, 0.01)	0.536	0.097	-0.045	0.040	0.266	-0.05 (-0.12, 0.03)	0.001	0.607	-0.042	0.040	0.291	-0.04 (-0.12, 0.04)	-0.058	0.042	0.175	-0.06 (-0.14, 0.03)
15698_6	TXLNA	TXLNA	226	0.025	0.018	0.153	0.03 (-0.01, 0.06)	0.536	0.602	-0.010	0.036	0.775	-0.01 (-0.08, 0.06)	0.002	0.252	-0.009	0.029	0.762	-0.01 (-0.07, 0.05)	-0.037	0.041	0.362	-0.04 (-0.12, 0.04)
11573_3	SRSF6	SRSF6	226	0.027	0.019	0.153	0.03 (-0.01, 0.06)	0.537	0.234	0.024	0.039	0.535	0.02 (-0.05, 0.10)	0.000	0.941	-0.021	0.037	0.565	-0.02 (-0.09, 0.05)	-0.020	0.039	0.614	-0.02 (-0.10, 0.06)
12580_7	PSMB5	PSB5	226	0.028	0.019	0.153	0.03 (-0.01, 0.07)	0.537	0.166	-0.014	0.041	0.724	-0.01 (-0.09, 0.07)	0.003	0.236	0.017	0.040	0.673	0.02 (-0.06, 0.10)	-0.008	0.040	0.834	-0.01 (-0.09, 0.07)
12844_10	BAG4	BAG4	226	0.029	0.020	0.153	0.03 (-0.01, 0.07)	0.537	0.027	0.058	0.040	0.148	0.06 (-0.02, 0.14)	-0.002	0.394	0.000	0.035	0.993	3.09e-04 (-0.07, 0.0	0.015	0.047	0.748	0.02 (-0.08, 0.11)
17199_43	HIF1AN	HIF1N	226	0.028	0.019	0.153	0.03 (-0.01, 0.07)	0.537	0.742	0.026	0.039	0.501	0.03 (-0.05, 0.10)	0.000	0.967	0.012	0.038	0.757	0.01 (-0.06, 0.09)	0.027	0.041	0.500	0.03 (-0.05, 0.11)
10080_9	EIF2B1	EI2BA	226	0.026	0.018	0.154	0.03 (-0.01, 0.06)	0.537	0.631	0.014	0.037	0.703	0.01 (-0.06, 0.09)	0.001	0.707	-0.004	0.032	0.907	-3.73e-03 (-0.07, 0.0	-0.005	0.040	0.892	-0.01 (-0.08, 0.07)
11838_130	PIEZO1	FA38A	226	-0.027	0.019	0.154	-0.03 (-0.06, 0.01)	0.537	0.613	-0.016	0.039	0.673	-0.02 (-0.09, 0.06)	-0.001	0.742	0.006	0.032	0.859	0.01 (-0.06, 0.07)	0.026	0.045	0.556	0.03 (-0.06, 0.11)
19353_25	OSTM1	OSTM1	226	0.027	0.019	0.154	0.03 (-0.01, 0.07)	0.537	0.320	0.076	0.039	0.054	0.08 (-1.02e-03, 0.15)	-0.003	0.155	0.068	0.036	0.059	0.07 (-2.47e-03, 0.1	0.050	0.042	0.236	0.05 (-0.03, 0.13)
6948_82	FIG4	FIG4	226	-0.028	0.020	0.154	-0.03 (-0.07, 0.01)	0.537	0.816	-0.060	0.040	0.128	-0.06 (-0.14, 0.02)	0.002	0.347	-0.007	0.038	0.863	-0.01 (-0.08, 0.07)	-0.023	0.047	0.631	-0.02 (-0.12, 0.07)
7089_42	SYT11	SYT11	226	0.027	0.019	0.154	0.03 (-0.01, 0.06)	0.537	0.077	0.040	0.041	0.327	0.04 (-0.04, 0.12)	-0.001	0.712	-0.003	0.035	0.929	-3.17e-03 (-0.07, 0.0	-0.001	0.038	0.976	-1.16e-03 (-0.08, 0.07)
3356_50	CA7	Carbonic a	226	-0.028	0.019	0.154	-0.03 (-0.07, 0.01)	0.537	0.521	0.017	0.039	0.671	0.02 (-0.06, 0.09)	-0.003	0.194	-0.025	0.040	0.536	-0.02 (-0.10, 0.05)	-0.003	0.042	0.945	-2.94e-03 (-0.09, 0.08)
11311_79	RAG1	RAG-1	226	0.028	0.019	0.155	0.03 (-0.01, 0.07)	0.538	0.321	0.021	0.040	0.608	0.02 (-0.06, 0.10)	0.000	0.839	0.035	0.038	0.363	0.04 (-0.04, 0.11)	0.015	0.043	0.721	0.02 (-0.07, 0.10)
11377_19	ADH7	ADH7	226	-0.027	0.019	0.155	-0.03 (-0.06, 0.01)	0.538	0.198	0.002	0.040	0.959	2.06e-03 (-0.08, 0.08)	-0.002	0.400	0.009	0.031	0.776	0.01 (-0.05, 0.07)	0.054	0.046	0.247	0.05 (-0.04, 0.14)
12721_4	TAX1BP1	TAXB1	226	0.028	0.019	0.155	0.03 (-0.01, 0.07)	0.538	0.237	0.021	0.040	0.609	0.02 (-0.06, 0.10)	0.000	0.846	-0.024	0.035	0.481	-0.02 (-0.09, 0.04)	-0.041	0.045	0.365	-0.04 (-0.13, 0.05)
2974_61	CNTN1	contactin-1	226	-0.030	0.021	0.155	-0.03 (-0.07, 0.01)	0.538	0.001	0.050	0.041	0.226	0.05 (-0.03, 0.13)	-0.005	0.027	0.020	0.036	0.586	0.02 (-0.05, 0.09)	0.011	0.041	0.780	0.01 (-0.07, 0.09)
13966_30	MYOM3	MYOM3	226	0.027	0.019	0.156	0.03 (-0.01, 0.06)	0.540	0.176	-0.027	0.040	0.507	-0.03 (-0.11, 0.05)	0.003	0.124	0.045	0.037	0.223	0.05 (-0.03, 0.12)	0.019	0.039	0.637	0.02 (-0.06, 0.10)
16852_10	PDZK1	NHRF3	226	0.027	0.019	0.156	0.03 (-0.01, 0.06)	0.540	0.536	0.035	0.038	0.364	0.03 (-0.04, 0.11)	0.000	0.814	0.015	0.035	0.665	0.02 (-0.05, 0.08)	0.021	0.040	0.602	0.02 (-0.06, 0.10)
3197_70	IDE	IDE	226	-0.027	0.019	0.156	-0.03 (-0.06, 0.01)	0.540	0.181	0.021	0.040	0.591	0.02 (-0.06, 0.10)	-0.003	0.163	-0.019	0.040	0.632	-0.02 (-0.10, 0.06)	-0.034	0.042	0.421	-0.03 (-0.12, 0.05)
5013_2	CLIC1	NCC27	226	-0.027	0.019	0.156	-0.03 (-0.07, 0.01)	0.540	0.384	-0.011	0.040	0.780	-0.01 (-0.09, 0.07)	-0.001	0.634	0.003	0.036	0.930	3.22e-03 (-0.07, 0.0	-0.023	0.041	0.581	-0.02 (-0.10, 0.06)
6400_33	TP53I13	P5I13	226	0.029	0.020	0.156	0.03 (-0.01, 0.07)	0.540	0.050	-0.005	0.041	0.897	-0.01 (-0.09, 0.07)	0.002	0.338	-0.020	0.034	0.548	-0.02 (-0.09, 0.05)	-0.022	0.045	0.626	-0.02 (-0.11, 0.07)
18417_3	AS3MT	AS3MT	226	0.028	0.020	0.156	0.03 (-0.01, 0.07)	0.541	0.074	-0.010	0.042	0.809	-0.01 (-0.09, 0.07)	0.002	0.300	0.048	0.041	0.240	0.05 (-0.03, 0.13)	0.013	0.043	0.756	0.01 (-0.07, 0.10)
19331_18	BAIAP2	BAIP2	226	0.028	0.019	0.156	0.03 (-0.01, 0.07)	0.541	0.190	0.036	0.041	0.383	0.04 (-0.04, 0.12)	-0.001	0.818	0.047	0.039	0.231	0.05 (-0.03, 0.12)	0.041	0.041	0.316	0.04 (-0.04, 0.12)
12975_11	KRT20	Keratin 20	226	-0.029	0.021	0.157	-0.03 (-0.07, 0.01)	0.541	0.021	0.006	0.042	0.886	0.01 (-0.08, 0.09)	-0.002	0.330	-0.025	0.039	0.525	-0.02 (-0.10, 0.05)	-0.008	0.039	0.837	-0.01 (-0.09, 0.07)
8907_11	UGT2A1	UD2A1	226	0.025	0.018	0.157	0.03 (-0.01, 0.06)	0.541	0.376	0.022	0.037	0.547	0.02 (-0.05, 0.09)	0.000	0.918	0.021	0.035	0.551	0.02 (-0.05, 0.09)	0.026	0.039	0.500	0.03 (-0.05, 0.10)
8754_5	NMU	NMU	226	-0.027	0.019	0.157	-0.03 (-0.06, 0.01)	0.541	0.285	-0.048	0.039	0.221	-0.05 (-0.13, 0.03)	0.001	0.533	-0.068	0.031	0.026	-0.07 (-0.13, -0.01)	-0.085	0.041	0.039	-0.09 (-0.17, -4.73e-03)
10344_334	IL10RA	IL-10 Ra	226	-0.029	0.020	0.157	-0.03 (-0.07, 0.01)	0.541	0.042	-0.088	0.041	0.032	-0.09 (-0.17, -0.01)	0.004	0.096	-0.027	0.038	0.477	-0.03 (-0.10, 0.05)	-0.049	0.037	0.195	-0.05 (-0.12, 0.02)
11396_39	DNAI1	DNAI1	226	0.027	0.019	0.158	0.03 (-0.01, 0.07)	0.541	0.083	0.043	0.042	0.301	0.04 (-0.04, 0.12)	-0.001	0.662	0.063	0.039	0.106	0.06 (-0.01, 0.14)	0.039	0.044	0.377	0.04 (-0.05, 0.12)
14048_7	IL1RAP	IL-1 R AcP	226	-0.027	0.019	0.158	-0.03 (-0.06, 0.01)	0.541	0.066	0.010	0.041	0.809	0.01 (-0.07, 0.09)	-0.002	0.303	-0.034	0.040	0.395	-0.03 (-0.11, 0.04)	-0.024	0.040	0.543	-0.02 (-0.10, 0.05)
16302_11	BPIFA2	SPLC2	226	0.036	0.025	0.158	0.04 (-0.01, 0.09)	0.541	3.43E-11	0.076	0.051	0.138	0.08 (-0.02, 0.18)	-0.003	0.365	0.090	0.034	0.007	0.09 (0.02, 0.16)	0.099	0.041	0.017	0.10 (0.02, 0.18)
18304_19	BCCIP	BCCIP	226	0.029	0.020	0.157	0.03 (-0.01, 0.07)	0.541	0.029	0.006	0.041	0.881	0.01 (-0.07, 0.09)	0.001	0.526	0.010	0.038	0.796	0.01 (-0.06, 0.08)	0.008	0.038	0.842	0.01 (-0.07, 0.08)
19374_72	MTCP1	MTCP1	226	0.027	0.019	0.158	0.03 (-0.01, 0.07)	0.541	0.278	0.003	0.040	0.932	3.41e-03 (-0.08, 0.08)	0.001	0.492	0.033	0.039	0.401	0.03 (-0.04, 0.11)	0.022	0.041	0.599	0.02 (-0.06, 0.10)
2431_17	CTSG	Cathepsin	226	0.030	0.021	0.157	0.03 (-0.01, 0.07)	0.541	0.004	0.044	0.042	0.299	0.04 (-0.04, 0.13)	-0.001	0.696	0.044	0.040	0.275	0.04 (-0.03, 0.12)	0.055	0.042	0.193	0.06 (-0.03, 0.14)
5456_59	CNDP1	CNDP1	226	0.031	0.022	0.158	0.03 (-0.01, 0.07)	0.541	0.011	0.046	0.044	0.298	0.05 (-0.04, 0.13)	-0.001	0.693	0.027	0.040	0.501	0.03 (-0.05, 0.11)	0.035	0.041	0.392	0.04 (-0.05, 0.12)
5542_22	NRP1	NRP1	226	-0.037	0.026	0.158	-0.04 (-0.09, 0.01)	0.541	1.94E-12	-0.043	0.053	0.417	-0.04 (-0.15, 0.06)	0.000	0.895	-0.070	0.042	0.097	-0.07 (-0.15, 0.01)	-0.083	0.038	0.030	-0.08 (-0.16, -0.01)
5688_65	CBLN4	CBLN4	226	0.030	0.021	0.157	0.03 (-0.01, 0.07)	0.541	0.006	-0.029	0.043	0.496	-0.03 (-0.11, 0.05)	0.004	0.112	0.030	0.041	0.469	0.03 (-0.05, 0.11)	0.019	0.039	0.622	0.02 (-0.06, 0.10)
6360_7	DEFB128	DB128	226	0.028	0.020	0.157	0.03 (-0.01, 0.07)	0.541	0.108	-0.030	0.041	0.471	-0.03 (-0.11, 0.05)	0.004	0.111	0.025	0.041	0.541	0.03 (-0.06, 0.11)	-0.001	0.043	0.989	-5.73e-04 (-0.08, 0.08)
9450_18	CDK2AP1	CDKA1	226	-0.028	0.020	0.158	-0.03 (-0.07, 0.01)	0.541	0.127	0.013	0.041	0.746	0.01 (-0.07, 0.09)	-0.003	0.255	0.015	0.039	0.704	0.01 (-0.06, 0.09)	0.018	0.045	0.691	0.02 (-0.07, 0.11)
15565_102	MUC16	CA125	226	-0.030	0.021	0.158	-0.03 (-0.07, 0.01)	0.542	0.001	0.026	0.042	0.537	0.03 (-0.06, 0.11)	-0.004	0.129	-0.025	0.031	0.420	-0.03 (-0.09, 0.04)	-0.051	0.047	0.279	-0.05 (-0.14, 0.04)
8343_224	PAPOLG	PAPOG	226	-0.026	0.019	0.159	-0.03 (-0.06, 0.01)	0.542	0.171	-0.082	0.039	0.036	-0.08 (-0.16, -0.01)	0.004	0.099	-0.010	0.038	0.802	-0.01 (-0.08, 0.07)	-0.035	0.039	0.362	-0.04 (-0.11, 0.04)
11557_3	SMURF1	SMUF1	226	-0.027	0.019	0.159	-0.03 (-0.06, 0.01)	0.543	0.234	-0.004	0.040	0.910	-4.46e-03 (-0.08, 0.07)	-0.001	0.517	-0.034	0.039	0.384	-0.03 (-0.11, 0.04)	-0.026	0.042	0.536	-0.03 (-0.11, 0.06)
11300_32	SORT1	SORT	226	-0.027	0.019	0.160	-0.03 (-0.07, 0.01)	0.543	0.257	-0.062	0.040	0.127	-0.06 (-0.14, 0.02)	0.002	0.325	-0.058	0.039	0.131	-0.06 (-0.13, 0.02)	-0.056	0.044	0.203	-0.06 (-0.14, 0.03)
12537_88	PURA	PURA	226	0.025	0.018	0.160	0.03 (-0.01, 0.06)	0.543	0.695	0.011	0.036	0.772	0.01 (-0.06, 0.08)	0.001	0.639	-0.004	0.030	0.885	-4.27e-03 (-0.06, 0.0	-0.040	0.037	0.278	-0.04 (-0.11, 0.03)
15622_13	OPCML	OBCAM	226	-0.028	0.020	0.160	-0.03 (-0.07, 0.01)	0.543	0.001	0.031	0.041	0.442	0.03 (-0.05, 0.11)	-0.004	0.092	-0.005	0.030	0.858	-0.01 (-0.06, 0.05)	0.018	0.038	0.632	0.02 (-0.06, 0.09)
17347_80	AIDA	CA080	226	-0.027	0.019	0.160	-0.03 (-0.06, 0.01)	0.543	0.851	-0.013	0.038	0.732	-0.01 (-0.09, 0.06)	-0.001	0.683	-0.070	0.034	0.040	-0.07 (-0.14, -3.10e-	-0.060	0.038	0.122	-0.06 (-0.14, 0.02)
19286_30	MYL5	MLR5	226	0.027	0.019	0.160	0.03 (-0.01, 0.07)	0.543	0.560	0.044	0.039	0.258	0.04 (-0.03, 0.12)	-0.001	0.616	0.062	0.039	0.111	0.06 (-0.01, 0.14)	0.065	0.043	0.132	0.06 (-0.02, 0.15)
4468_21	SPHK2	SPHK2	226	0.027	0.019	0.160	0.03 (-0.01, 0.06)	0.543	0.282	0.002	0.039	0.953	2.28e-03 (-0.07, 0.08)	0.002	0.475	-0.011	0.034	0.744	-0.01 (-0.08, 0.06)	-0.013	0.040	0.739	-0.01 (-0.09, 0.07)
5648_28	CTRB2	CTRB2	226	0.111	0.079	0.160	0.11 (-0.04, 0.27)	0.543	0.00E+00	0.349	0.158	0.028	0.35 (0.04, 0.66)	-0.015	0.083	0.074	0.037	0.047	0.07 (9.25e-04, 0.15	0.090	0.047	0.056	0.09 (-1.66e-03, 0.18)
6383_90	TLL1	TLL1	226	0.026	0.018	0.159	0.03 (-0.01, 0.06)	0.543	0.262	0.036	0.038	0.341	0.04 (-0.04, 0.11)	-0.001	0.751	0.039	0.037	0.297	0.04 (-0.03, 0.11)	0.043	0.045	0.334	0.04 (-0.04, 0.13)
6458_6	RPN1	RPN1	226	0.028	0.020	0.159	0.03 (-0.01, 0.07)	0.543	0.257	-0.046	0.040	0.252	-0.05 (-0.13, 0.03)	0.005	0.036	0.021	0.041	0.610	0.02 (-0.06, 0.10)	-0.001	0.042	0.984	-8.49e-04 (-0.08, 0.08)
7064_2	VAMP8	VAMP8	226	0.030	0.021	0.160	0.03 (-0.01, 0.07)	0.543	0.027	-0.017	0.043	0.694	-0.02 (-0.10, 0.07)	0.003	0.210	0.012	0.041	0.772	0.01 (-0.07, 0.09)	-0.014	0.041	0.723	-0.01 (-0.09, 0.07)
7186_111	STX3	STX3	226	-0.028	0.020	0.159	-0.03 (-0.07, 0.01)	0.543	0.701	0.013	0.039	0.740	0.01 (-0.06, 0.09)	-0.003	0.236	-0.034	0.032	0.291	-0.03 (-0.10, 0.03)	0.045	0.046	0.331	0.05 (-0.05, 0.14)
10616_67	PODXL2	PDXL2	226	-0.027	0.020	0.160	-0.03 (-0.07, 0.01)	0.543	0.618	0.001	0.039	0.983	8.34e-04 (-0.08, 0.08)	-0.002	0.409	-0.032	0.038	0.401	-0.03 (-0.11, 0.04)	-0.025	0.041	0.550	-0.02 (-0.11, 0.06)
9188_119	CXCL9	MIG	226	-0.030	0.021	0.161	-0.03 (-0.07, 0.01)	0.544	0.011	0.034	0.042	0.421	0.03 (-0.05, 0.12)	-0.004	0.084	0.003	0.034	0.923	3.23e-03 (-0.06, 0.0	-0.007	0.037	0.853	-0.01 (-0.08, 0.07)
12940_35	ALDH3B1	AL3B1	226	0.026	0.019	0.161	0.03 (-0.01, 0.06)	0.544	0.405	0.039	0.038	0.303	0.04 (-0.03, 0.11)	-0.001	0.693	0.032	0.038	0.400	0.03 (-0.04, 0.11)	0.028	0.039	0.467	0.03 (-0.05, 0.10)
16296_43	LGR5	LGR5	226	0.027	0.019	0.161	0.03 (-0.01, 0.06)	0.544	0.242	-0.001	0.040	0.977	-1.17e-03 (-0.08, 0.08)	0.002	0.418	-0.034	0.037	0.368	-0.03 (-0.11, 0.04)	-0.030	0.042	0.467	-0.03 (-0.11, 0.05)
10037_98	SIGLEC12	SIG12	226	0.031	0.022	0.161	0.03 (-0.01, 0.07)	0.544	0.003	0.016	0.045	0.728	0.02 (-0.07, 0.10)	0.001	0.690	0.032	0.042	0.450	0.03 (-0.05, 0.11)	0.042	0.040	0.295	0.04 (-0.04, 0.12)
11654_77	NRSN1	NRSN1	226	0.027	0.019	0.161	0.03 (-0.01, 0.07)	0.544	0.137	-0.002	0.041	0.966	-1.78e-03 (-0.08, 0.08)	0.002	0.417	0.034	0.040	0.393	0.03 (-0.04, 0.11)	0.021	0.043	0.627	0.02 (-0.06, 0.10)
16926_44	ALPL	Alkaline ph	226	0.031	0.022	0.162	0.03 (-0.01, 0.07)	0.544	0.001	0.058	0.044	0.192	0.06 (-0.03, 0.14)	-0.002	0.479	0.014	0.040	0.732	0.01 (-0.06, 0.09)	0.035	0.039	0.378	0.03 (-0.04, 0.11)
17145_1	S100A8	S100A8/S1	226	-0.027	0.019	0.162	-0.03 (-0.06, 0.01)	0.544	0.270	0.005	0.040	0.908	4.63e-03 (-0.07, 0.08)	-0.002	0.362	0.011	0.035	0.746	0.01 (-0.06, 0.08)	-0.005	0.040	0.903	-4.86e-03 (-0.08, 0.07)
18282_1	GNG11	GBG11	226	0.027	0.019	0.162	0.03 (-0.01, 0.06)	0.544	0.071	0.007	0.041	0.864	0.01 (-0.07, 0.09)	0.001	0.583	0.060	0.038	0.115	0.06 (-0.01, 0.13)	0.048	0.041	0.242	0.05 (-0.03, 0.13)
3298_52	CNTN4	Contactin-4	226	-0.027	0.019	0.162	-0.03 (-0.06, 0.01)	0.544	0.122	-0.008	0.041	0.836	-0.01 (-0.09, 0.07)	-0.001	0.604	-0.056	0.040	0.159	-0.06 (-0.13, 0.02)	-0.046	0.042	0.273	-0.05 (-0.13, 0.04)
4909_68	LGALS8	Galectin-8	226	-0.050	0.036	0.162	-0.05 (-0.12, 0.02)	0.544	2.64E-59	0.046	0.071	0.517	0.05 (-0.09, 0.19)	-0.006	0.123	0.039	0.037	0.296	0.04 (-0.03, 0.11)	0.044	0.042	0.291	0.04 (-0.04, 0.13)
7187_3	PPM1L	PPM1L	226	0.026	0.019	0.161	0.03 (-0.01, 0.06)	0.544	0.435	0.029	0.038	0.439	0.03 (-0.04, 0.10)	0.000	0.922	-0.019	0.035	0.582	-0.02 (-0.09, 0.05)	-0.021	0.045	0.644	-0.02 (-0.11, 0.07)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
8321_27	ZNF843	ZN843	226	-0.027	0.020	0.162	-0.03 (-0.07, 0.01)	0.544	0.998	-0.010	0.039	0.802	-0.01 (-0.09, 0.07)	-0.001	0.610	-0.030	0.037	0.411	-0.03 (-0.10, 0.04)	-0.012	0.038	0.751	-0.01 (-0.09, 0.06)
13659_36	ATP13A1	AT131	226	-0.027	0.019	0.162	-0.03 (-0.06, 0.01)	0.544	0.295	-0.054	0.040	0.177	-0.05 (-0.13, 0.02)	0.002	0.436	-0.007	0.040	0.857	-0.01 (-0.09, 0.07)	0.020	0.043	0.650	0.02 (-0.06, 0.10)
6227_1	KLK10	kallikrein 1	226	-0.030	0.022	0.162	-0.03 (-0.07, 0.01)	0.544	4.29E-04	-0.023	0.044	0.599	-0.02 (-0.11, 0.06)	0.000	0.849	-0.037	0.033	0.264	-0.04 (-0.10, 0.03)	-0.024	0.046	0.604	-0.02 (-0.11, 0.07)
6454_38	ARHGDIA	Rho-GDIa	226	0.028	0.020	0.162	0.03 (-0.01, 0.07)	0.544	0.014	0.007	0.041	0.859	0.01 (-0.07, 0.09)	0.001	0.554	0.005	0.036	0.894	4.79e-03 (-0.07, 0.0	0.019	0.038	0.623	0.02 (-0.06, 0.09)
7755_37	ITGB5	ITB5	226	-0.030	0.021	0.162	-0.03 (-0.07, 0.01)	0.544	0.038	-0.058	0.043	0.176	-0.06 (-0.14, 0.03)	0.002	0.444	-0.028	0.040	0.479	-0.03 (-0.11, 0.05)	-0.029	0.035	0.413	-0.03 (-0.10, 0.04)
8351_17	PRSS57	PRS57	226	-0.029	0.021	0.162	-0.03 (-0.07, 0.01)	0.544	0.021	-0.013	0.042	0.759	-0.01 (-0.10, 0.07)	-0.001	0.658	-0.043	0.040	0.278	-0.04 (-0.12, 0.03)	-0.037	0.040	0.348	-0.04 (-0.12, 0.04)
8932_1	ENTPD6	ENTP6	226	0.027	0.019	0.162	0.03 (-0.01, 0.06)	0.544	0.361	-0.033	0.039	0.394	-0.03 (-0.11, 0.04)	0.004	0.077	0.001	0.032	0.973	1.06e-03 (-0.06, 0.0	-0.030	0.037	0.428	-0.03 (-0.10, 0.04)
11194_6	SIT1	SIT1	226	-0.027	0.019	0.163	-0.03 (-0.07, 0.01)	0.544	0.516	-0.061	0.039	0.122	-0.06 (-0.14, 0.02)	0.002	0.324	-0.058	0.033	0.077	-0.06 (-0.12, 0.01)	-0.085	0.040	0.038	-0.08 (-0.16, -0.01)
18265_18	ZNF34	ZNF34	226	0.026	0.019	0.163	0.03 (-0.01, 0.06)	0.544	0.680	0.091	0.038	0.018	0.09 (0.02, 0.17)	-0.004	0.054	0.047	0.036	0.200	0.05 (-0.02, 0.12)	0.058	0.040	0.151	0.06 (-0.02, 0.14)
8951_162	CSPG4	CSPG4	226	0.030	0.022	0.163	0.03 (-0.01, 0.07)	0.544	0.010	-0.009	0.044	0.829	-0.01 (-0.10, 0.08)	0.002	0.296	0.053	0.036	0.138	0.05 (-0.02, 0.12)	0.034	0.038	0.369	0.03 (-0.04, 0.11)
19601_15	ASB9	ASB9	226	-0.034	0.024	0.163	-0.03 (-0.08, 0.01)	0.545	4.37E-13	0.043	0.049	0.377	0.04 (-0.05, 0.14)	-0.005	0.070	0.003	0.032	0.915	3.43e-03 (-0.06, 0.0	-0.024	0.039	0.541	-0.02 (-0.10, 0.05)
9409_11	TPSAB1	TRYB1	226	-0.026	0.019	0.164	-0.03 (-0.06, 0.01)	0.546	0.335	0.028	0.039	0.467	0.03 (-0.05, 0.10)	-0.003	0.105	-0.006	0.041	0.887	-0.01 (-0.09, 0.08)	-0.003	0.041	0.940	-3.06e-03 (-0.08, 0.08)
11531_24	C10orf54	GI24	226	0.026	0.019	0.164	0.03 (-0.01, 0.06)	0.547	0.232	0.001	0.039	0.973	1.32e-03 (-0.08, 0.08)	0.002	0.466	0.039	0.031	0.203	0.04 (-0.02, 0.10)	0.004	0.043	0.925	4.10e-03 (-0.08, 0.09)
14083_25	SEPHS1	SPS1	226	0.025	0.018	0.164	0.02 (-0.01, 0.06)	0.547	0.323	0.039	0.037	0.295	0.04 (-0.03, 0.11)	-0.001	0.666	0.013	0.032	0.685	0.01 (-0.05, 0.08)	0.017	0.035	0.622	0.02 (-0.05, 0.09)
7851_30	ANKRD46	ANR46	226	0.027	0.019	0.164	0.03 (-0.01, 0.06)	0.547	0.773	0.035	0.039	0.373	0.03 (-0.04, 0.11)	0.000	0.815	0.057	0.032	0.072	0.06 (-0.01, 0.12)	0.050	0.044	0.259	0.05 (-0.04, 0.14)
13926_1	RMI1	RMI1	226	0.026	0.019	0.165	0.03 (-0.01, 0.06)	0.549	0.214	0.012	0.039	0.751	0.01 (-0.06, 0.09)	0.001	0.690	0.029	0.038	0.450	0.03 (-0.05, 0.10)	0.035	0.040	0.376	0.04 (-0.04, 0.11)
19125_26	PRKAR2A	KAP2	226	-0.027	0.020	0.165	-0.03 (-0.07, 0.01)	0.549	0.862	-0.020	0.040	0.605	-0.02 (-0.10, 0.06)	0.000	0.845	-0.046	0.034	0.180	-0.05 (-0.11, 0.02)	-0.022	0.046	0.635	-0.02 (-0.11, 0.07)
17204_17	PNMT	PNMT	226	-0.027	0.020	0.165	-0.03 (-0.07, 0.01)	0.549	0.346	-0.018	0.040	0.657	-0.02 (-0.10, 0.06)	-0.001	0.790	0.004	0.039	0.914	4.21e-03 (-0.07, 0.0	-0.008	0.037	0.824	-0.01 (-0.08, 0.07)
18886_28	DSCAML1	DSCL1	226	-0.026	0.019	0.166	-0.03 (-0.06, 0.01)	0.551	0.753	-0.039	0.038	0.304	-0.04 (-0.11, 0.04)	0.001	0.692	-0.040	0.040	0.319	-0.04 (-0.12, 0.04)	-0.090	0.040	0.024	-0.09 (-0.17, -0.01)
2991_9	IL1R1	IL-1 sRI	226	-0.026	0.019	0.166	-0.03 (-0.06, 0.01)	0.551	0.326	0.059	0.038	0.119	0.06 (-0.01, 0.13)	-0.005	0.010	0.024	0.032	0.456	0.02 (-0.04, 0.09)	0.030	0.042	0.473	0.03 (-0.05, 0.11)
7266_4	SERPINA9	SPA9	226	-0.025	0.018	0.166	-0.03 (-0.06, 0.01)	0.551	0.273	0.030	0.038	0.418	0.03 (-0.04, 0.10)	-0.003	0.089	0.008	0.031	0.795	0.01 (-0.05, 0.07)	0.017	0.038	0.659	0.02 (-0.06, 0.09)
8369_102	DAG1	DAG1	226	-0.027	0.019	0.166	-0.03 (-0.06, 0.01)	0.551	0.539	-0.020	0.039	0.604	-0.02 (-0.10, 0.06)	0.000	0.847	-0.023	0.040	0.562	-0.02 (-0.10, 0.06)	-0.041	0.042	0.334	-0.04 (-0.12, 0.04)
8885_6	CACNA2D	CA2D3	226	-0.030	0.022	0.166	-0.03 (-0.07, 0.01)	0.551	0.001	0.031	0.044	0.480	0.03 (-0.06, 0.12)	-0.004	0.109	-0.027	0.036	0.459	-0.03 (-0.10, 0.04)	-0.036	0.043	0.398	-0.04 (-0.12, 0.05)
9366_54	IL21R	IL-21 sR	226	0.026	0.019	0.167	0.03 (-0.01, 0.06)	0.551	0.460	-0.015	0.038	0.696	-0.01 (-0.09, 0.06)	0.003	0.216	-0.024	0.038	0.523	-0.02 (-0.10, 0.05)	-0.018	0.045	0.695	-0.02 (-0.11, 0.07)
9394_19	CPQ	Aminopepti	226	-0.030	0.022	0.166	-0.03 (-0.07, 0.01)	0.551	0.002	-0.025	0.044	0.567	-0.03 (-0.11, 0.06)	0.000	0.897	-0.063	0.040	0.119	-0.06 (-0.14, 0.02)	-0.088	0.040	0.027	-0.09 (-0.17, -0.01)
18193_165	MORF4L1	MO4L1	226	-0.026	0.019	0.167	-0.03 (-0.06, 0.01)	0.551	0.462	-0.001	0.038	0.975	-1.17e-03 (-0.08, 0.07)	-0.002	0.453	-0.023	0.037	0.542	-0.02 (-0.10, 0.05)	-0.031	0.041	0.452	-0.03 (-0.11, 0.05)
18914_188	PAFAH2	PAFA2	226	0.026	0.019	0.167	0.03 (-0.01, 0.06)	0.551	0.496	0.002	0.038	0.960	1.91e-03 (-0.07, 0.08)	0.002	0.464	0.002	0.036	0.949	2.34e-03 (-0.07, 0.0	0.006	0.040	0.885	0.01 (-0.07, 0.08)
3007_7	SIGLEC9	Siglec-9	226	-0.027	0.020	0.167	-0.03 (-0.07, 0.01)	0.551	0.147	-0.009	0.041	0.834	-0.01 (-0.09, 0.07)	-0.001	0.610	-0.052	0.039	0.182	-0.05 (-0.13, 0.02)	-0.049	0.043	0.252	-0.05 (-0.13, 0.03)
9017_58	LCT	LPH	226	-0.028	0.020	0.168	-0.03 (-0.07, 0.01)	0.554	0.019	0.002	0.041	0.967	1.72e-03 (-0.08, 0.08)	-0.002	0.404	0.003	0.040	0.947	2.64e-03 (-0.08, 0.0	0.000	0.045	0.994	-3.25e-04 (-0.09, 0.09)
10748_216	PCDHB2	PCDB2	226	-0.026	0.019	0.168	-0.03 (-0.06, 0.01)	0.555	0.304	0.051	0.039	0.190	0.05 (-0.03, 0.13)	-0.005	0.023	0.004	0.036	0.899	4.49e-03 (-0.07, 0.0	0.004	0.035	0.914	3.83e-03 (-0.07, 0.07)
13397_88	DEFB4A	HBD-2	226	-0.026	0.019	0.169	-0.03 (-0.06, 0.01)	0.555	0.100	-0.068	0.040	0.090	-0.07 (-0.15, 0.01)	0.003	0.225	-0.058	0.031	0.063	-0.06 (-0.12, 3.24e-	-0.057	0.037	0.125	-0.06 (-0.13, 0.02)
19575_4	EPOR	EPO-R	226	-0.027	0.020	0.169	-0.03 (-0.07, 0.01)	0.555	0.802	-0.057	0.039	0.149	-0.06 (-0.13, 0.02)	0.002	0.380	-0.018	0.038	0.646	-0.02 (-0.09, 0.06)	-0.026	0.037	0.484	-0.03 (-0.10, 0.05)
3115_64	MAPK1	MK01	226	0.025	0.018	0.169	0.02 (-0.01, 0.06)	0.555	0.738	0.019	0.036	0.604	0.02 (-0.05, 0.09)	0.000	0.851	-0.003	0.034	0.917	-3.49e-03 (-0.07, 0.	-0.004	0.038	0.910	-4.34e-03 (-0.08, 0.07)
7154_92	LEG1	CF058	226	-0.030	0.022	0.169	-0.03 (-0.07, 0.01)	0.555	0.001	0.015	0.044	0.735	0.01 (-0.07, 0.10)	-0.003	0.240	-0.022	0.039	0.567	-0.02 (-0.10, 0.05)	-0.034	0.040	0.400	-0.03 (-0.11, 0.04)
12366_16	CRYGD	CRGD	226	-0.029	0.021	0.169	-0.03 (-0.07, 0.01)	0.556	0.017	-0.010	0.043	0.819	-0.01 (-0.09, 0.07)	-0.001	0.602	-0.019	0.043	0.651	-0.02 (-0.10, 0.06)	0.006	0.043	0.883	0.01 (-0.08, 0.09)
19147_6	LGALS13	PP13	226	0.026	0.019	0.170	0.03 (-0.01, 0.06)	0.556	0.189	0.076	0.040	0.058	0.08 (-2.24e-03, 0.15)	-0.003	0.152	0.090	0.036	0.013	0.09 (0.02, 0.16)	0.082	0.041	0.046	0.08 (1.89e-03, 0.16)
4908_6	ENG	Endoglin	226	-0.030	0.022	0.170	-0.03 (-0.07, 0.01)	0.556	4.55E-05	0.036	0.044	0.411	0.04 (-0.05, 0.12)	-0.004	0.084	0.021	0.031	0.489	0.02 (-0.04, 0.08)	0.039	0.041	0.350	0.04 (-0.04, 0.12)
7789_182	PRDX4	PRDX4	226	0.026	0.019	0.170	0.03 (-0.01, 0.06)	0.556	0.172	0.061	0.040	0.123	0.06 (-0.02, 0.14)	-0.002	0.304	0.043	0.036	0.239	0.04 (-0.03, 0.11)	0.002	0.042	0.970	1.56e-03 (-0.08, 0.08)
2381_52	C5	C5	226	0.027	0.019	0.170	0.03 (-0.01, 0.06)	0.557	0.070	-0.036	0.041	0.386	-0.04 (-0.12, 0.05)	0.004	0.084	-0.017	0.035	0.617	-0.02 (-0.09, 0.05)	-0.018	0.038	0.627	-0.02 (-0.09, 0.06)
6060_2	PIP	PIP	226	-0.029	0.021	0.170	-0.03 (-0.07, 0.01)	0.557	0.002	0.014	0.043	0.754	0.01 (-0.07, 0.10)	-0.003	0.253	-0.022	0.039	0.573	-0.02 (-0.10, 0.05)	-0.050	0.040	0.219	-0.05 (-0.13, 0.03)
10630_5	HTATIP2	HTAI2	226	0.027	0.020	0.170	0.03 (-0.01, 0.06)	0.558	0.458	-0.036	0.039	0.356	-0.04 (-0.11, 0.04)	0.004	0.066	0.000	0.039	0.990	-4.97e-04 (-0.08, 0.	-0.005	0.039	0.903	-4.74e-03 (-0.08, 0.07)
11190_129	YME1L1	YMEL1	226	0.026	0.019	0.171	0.03 (-0.01, 0.06)	0.558	0.387	0.021	0.039	0.590	0.02 (-0.06, 0.10)	0.000	0.880	0.000	0.038	0.998	-8.17e-05 (-0.08, 0.	0.003	0.042	0.942	3.03e-03 (-0.08, 0.08)
11351_233	NHEJ1	NHEJ1	226	0.026	0.019	0.171	0.03 (-0.01, 0.06)	0.558	0.406	0.041	0.038	0.290	0.04 (-0.03, 0.12)	-0.001	0.655	-0.009	0.035	0.789	-0.01 (-0.08, 0.06)	0.011	0.042	0.790	0.01 (-0.07, 0.09)
12677_164	FLII	FLII	226	-0.025	0.018	0.171	-0.02 (-0.06, 0.01)	0.558	0.247	-0.031	0.037	0.412	-0.03 (-0.10, 0.04)	0.000	0.850	-0.024	0.037	0.512	-0.02 (-0.10, 0.05)	-0.047	0.039	0.234	-0.05 (-0.12, 0.03)
5689_1	DEFB112	DB112	226	-0.027	0.019	0.171	-0.03 (-0.06, 0.01)	0.558	0.456	-0.005	0.039	0.896	-0.01 (-0.08, 0.07)	-0.001	0.530	-0.023	0.039	0.555	-0.02 (-0.10, 0.05)	0.000	0.039	0.995	-2.54e-04 (-0.08, 0.08)
8462_18	GH1	HGH	226	-0.027	0.019	0.171	-0.03 (-0.06, 0.01)	0.558	0.640	-0.045	0.039	0.256	-0.04 (-0.12, 0.03)	0.001	0.597	-0.028	0.041	0.498	-0.03 (-0.11, 0.05)	-0.051	0.041	0.222	-0.05 (-0.13, 0.03)
16593_3	FADD	FADD	226	0.026	0.019	0.172	0.03 (-0.01, 0.06)	0.558	0.167	0.045	0.040	0.264	0.05 (-0.03, 0.12)	-0.001	0.587	0.043	0.040	0.280	0.04 (-0.03, 0.12)	0.058	0.041	0.154	0.06 (-0.02, 0.14)
18315_38	RTP4	RTP4	226	-0.025	0.019	0.172	-0.03 (-0.06, 0.01)	0.558	0.866	-0.046	0.037	0.223	-0.05 (-0.12, 0.03)	0.001	0.532	-0.056	0.035	0.108	-0.06 (-0.13, 0.01)	-0.044	0.039	0.261	-0.04 (-0.12, 0.03)
18401_18	ALKBH3	ALKB3	226	0.025	0.019	0.172	0.03 (-0.01, 0.06)	0.558	0.261	0.021	0.038	0.586	0.02 (-0.05, 0.10)	0.000	0.897	0.003	0.038	0.937	2.98e-03 (-0.07, 0.0	0.016	0.038	0.664	0.02 (-0.06, 0.09)
4842_62	GPC3	Glypican 3	226	-0.029	0.021	0.171	-0.03 (-0.07, 0.01)	0.558	0.004	0.063	0.042	0.137	0.06 (-0.02, 0.15)	-0.006	0.013	0.013	0.039	0.733	0.01 (-0.06, 0.09)	0.009	0.043	0.830	0.01 (-0.08, 0.09)
5009_11	MSN	Moesin	226	-0.027	0.020	0.171	-0.03 (-0.07, 0.01)	0.558	0.045	-0.063	0.040	0.117	-0.06 (-0.14, 0.02)	0.002	0.304	0.003	0.033	0.935	2.69e-03 (-0.06, 0.0	-0.013	0.040	0.746	-0.01 (-0.09, 0.07)
5354_11	KRT18	Keratin 18	226	0.026	0.019	0.172	0.03 (-0.01, 0.06)	0.558	0.898	0.021	0.038	0.587	0.02 (-0.05, 0.10)	0.000	0.877	-0.001	0.032	0.974	-1.05e-03 (-0.06, 0.	-0.003	0.040	0.945	-2.74e-03 (-0.08, 0.08)
7921_65	FJX1	FJX1	226	-0.026	0.019	0.172	-0.03 (-0.06, 0.01)	0.558	0.147	-0.028	0.040	0.490	-0.03 (-0.11, 0.05)	0.000	0.957	-0.051	0.039	0.188	-0.05 (-0.13, 0.03)	-0.057	0.041	0.167	-0.06 (-0.14, 0.02)
8933_84	MEF2C	MEF2C	226	0.025	0.019	0.172	0.03 (-0.01, 0.06)	0.558	0.521	-0.012	0.037	0.752	-0.01 (-0.09, 0.06)	0.002	0.253	-0.001	0.030	0.967	-1.27e-03 (-0.06, 0.	-0.021	0.043	0.618	-0.02 (-0.11, 0.06)
2714_78	AIMP1	EMAP-2	226	0.029	0.021	0.172	0.03 (-0.01, 0.07)	0.558	0.009	0.072	0.043	0.094	0.07 (-0.01, 0.16)	-0.003	0.249	0.045	0.039	0.250	0.05 (-0.03, 0.12)	0.041	0.038	0.284	0.04 (-0.03, 0.12)
7911_29	SCN4B	SCN4B	226	0.030	0.022	0.172	0.03 (-0.01, 0.07)	0.558	0.005	-0.019	0.044	0.675	-0.02 (-0.11, 0.07)	0.003	0.206	-0.007	0.038	0.860	-0.01 (-0.08, 0.07)	0.001	0.041	0.983	8.53e-04 (-0.08, 0.08)
12562_1	PKN1	PKN1	226	0.024	0.018	0.172	0.02 (-0.01, 0.06)	0.558	0.632	-0.004	0.035	0.905	-4.22e-03 (-0.07, 0.07)	0.002	0.360	-0.009	0.030	0.762	-0.01 (-0.07, 0.05)	-0.010	0.039	0.789	-0.01 (-0.09, 0.07)
13539_131	KCNN1	KCNN1	226	0.027	0.019	0.173	0.03 (-0.01, 0.06)	0.560	0.299	0.012	0.040	0.774	0.01 (-0.07, 0.09)	0.001	0.669	0.032	0.040	0.427	0.03 (-0.05, 0.11)	0.014	0.042	0.733	0.01 (-0.07, 0.10)
16323_8	NRXN3	NRX3A	226	-0.025	0.018	0.173	-0.02 (-0.06, 0.01)	0.560	0.374	0.033	0.037	0.383	0.03 (-0.04, 0.11)	-0.004	0.076	-0.017	0.039	0.656	-0.02 (-0.09, 0.06)	-0.034	0.038	0.360	-0.03 (-0.11, 0.04)
11252_30	LRCH4	LRCH4	226	0.026	0.019	0.173	0.03 (-0.01, 0.06)	0.561	0.920	-0.002	0.038	0.959	-1.95e-03 (-0.08, 0.07)	0.002	0.403	-0.019	0.036	0.604	-0.02 (-0.09, 0.05)	-0.006	0.045	0.897	-0.01 (-0.09, 0.08)
17706_4	PPP1R1A	PPR1A	226	0.025	0.019	0.174	0.03 (-0.01, 0.06)	0.561	0.128	-0.030	0.040	0.442	-0.03 (-0.11, 0.05)	0.003	0.105	0.001	0.038	0.979	9.98e-04 (-0.07, 0.0	0.015	0.036	0.687	0.01 (-0.06, 0.09)
2618_10	ERBB4	ERBB4	226	-0.026	0.019	0.174	-0.03 (-0.06, 0.01)	0.561	0.472	-0.013	0.039	0.742	-0.01 (-0.09, 0.06)	-0.001	0.694	0.011	0.038	0.782	0.01 (-0.06, 0.09)	0.000	0.045	0.997	1.42e-04 (-0.09, 0.09)
9183_7	IFNAR1	IFN-a/b R1	226	-0.025	0.019	0.174	-0.03 (-0.06, 0.01)	0.561	0.213	0.019	0.039	0.619	0.02 (-0.06, 0.10)	-0.003	0.186	0.009	0.034	0.797	0.01 (-0.06, 0.08)	0.015	0.040	0.709	0.02 (-0.06, 0.09)
12835_101	PYDC1	PYDC1	226	0.026	0.019	0.174	0.03 (-0.01, 0.06)	0.561	0.051	0.027	0.042	0.520	0.03 (-0.06, 0.11)	0.000	0.983	-0.006	0.039	0.872	-0.01 (-0.08, 0.07)	-0.004	0.042	0.927	-3.86e-03 (-0.09, 0.08)
9956_7	ADAM15	ADA15	226	-0.026	0.019	0.174	-0.03 (-0.06, 0.01)	0.562	0.187	0.002	0.040	0.960	2.01e-03 (-0.08, 0.08)	-0.002	0.422	-0.002	0.037	0.948	-2.40e-03 (-0.08, 0.	-0.009	0.040	0.825	-0.01 (-0.09, 0.07)
11204_80	CXADR	CXAR	226	0.024	0.018	0.175	0.02 (-0.01, 0.06)	0.562	0.144	0.049	0.038	0.199	0.05 (-0.03, 0.12)	-0.002	0.458	-0.001	0.034	0.987	-5.38e-04 (-0.07, 0.	-0.006	0.040	0.890	-0.01 (-0.08, 0.07)
7128_9	VWA2	VWA2	226	-0.026	0.019	0.175	-0.03 (-0.06, 0.01)	0.562	0.171	0.048	0.040	0.231	0.05 (-0.03, 0.13)	-0.005	0.034	0.033	0.034	0.325	0.03 (-0.03, 0.10)	0.058	0.044	0.185	0.06 (-0.03, 0.14)
12853_112	TMOD2	TMOD2	226	-0.025	0.018	0.175	-0.02 (-0.06, 0.01)	0.564	0.542	-0.062	0.036	0.091	-0.06 (-0.13, 0.01)	0.002	0.239	-0.032	0.037	0.393	-0.03 (-0.11, 0.04)	-0.017	0.037	0.654	-0.02 (-0.09, 0.06)
13501_10	SLC35G2	S35G2	226	0.026	0.019	0.176	0.03 (-0.01, 0.06)	0.566	0.202	-0.048	0.040	0.234	-0.05 (-0.13, 0.03)	0.005	0.035	-0.007	0.038	0.851	-0.01 (-0.08, 0.07)	0.006	0.042	0.891	0.01 (-0.08, 0.09)
13541_1	MYCT1	MYCT1	226	0.025	0.019	0.176	0.03 (-0.01, 0.06)	0.566	0.351	-0.001	0.038	0.983	-7.95e-04 (-0.08, 0.07)	0.002	0.434	-0.003	0.032	0.922	-3.14e-03 (-0.07, 0.	-0.005	0.043	0.916	-4.55e-03 (-0.09, 0.08)
16288_17	EPHA4	EPHA4	226	-0.043	0.032	0.176	-0.04 (-0.10, 0.02)	0.566	2.60E-40	0.044	0.064	0.492	0.04 (-0.08, 0.17)	-0.005	0.118	-0.015	0.036	0.678	-0.02 (-0.09, 0.06)	-0.014	0.038	0.716	-0.01 (-0.09, 0.06)
17342_13	AGR3	AGR3	226	0.029	0.021	0.176	0.03 (-0.01, 0.07)	0.566	0.004	0.000	0.043	0.998	-9.66e-05 (-0.08, 0.08)	0.002	0.439	0.036	0.040	0.358	0.04 (-0.04, 0.11)	0.037	0.043	0.387	0.04 (-0.05, 0.12)
8304_50	TNFRSF11	OPG	226	-0.026	0.019	0.177	-0.03 (-0.06, 0.01)	0.567	0.049	0.016	0.039	0.676	0.02 (-0.06, 0.09)	-0.003	0.211	-0.009	0.037	0.807	-0.01 (-0.08, 0.06)	-0.024	0.036	0.505	-0.02 (-0.10, 0.05)
12578_13	ARF3	ARF3	226	-0.026	0.019	0.178	-0.03 (-0.06, 0.01)	0.568	0.655	0.025	0.039	0.516	0.03 (-0.05, 0.10)	-0.003	0.130	-0.029	0.043	0.505	-0.03 (-0.11, 0.06)	-0.032	0.039	0.416	-0.03 (-0.11, 0.04)
15368_3	BMPER	BMPER	226	0.025	0.019	0.177	0.03 (-0.01, 0.06)	0.568	0.297	0.090	0.038	0.020	0.09 (0.01, 0.16)	-0.004	0.053	0.050	0.032	0.114	0.05 (-0.01, 0.11)	0.053	0.040	0.182	0.05 (-0.02, 0.13)
19158_1	PAF	PAF	226	-0.033	0.024	0.178	-0.03 (-0.08, 0.01)	0.568	6.24E-09	0.008	0.049	0.876	0.01 (-0.09, 0.10)	-0.003	0.342	-0.033	0.030	0.279	-0.03 (-0.09, 0.03)	0.045	0.044	0.312	0.04 (-0.04, 0.13)
2968_61	TNFSF15	TNFSF15	226	-0.028	0.021	0.178	-0.03 (-0.07, 0.01)	0.568	0.039	-0.028	0.042	0.513	-0.03 (-0.11, 0.06)	0.000	0.989	-0.058	0.037	0.121	-0.06 (-0.13, 0.02)	-0.040	0.040	0.318	-0.04 (-0.12, 0.04)
8485_7	KEAP1	KEAP1	226	-0.026	0.019	0.178	-0.03 (-0.06, 0.01)	0.568	0.498	0.001	0.039	0.970	1.46e-03 (-0.08, 0.08)	-0.002	0.416	-0.025	0.040	0.533	-0.02 (-0.10, 0.05)	-0.018	0.043	0.674	-0.02 (-0.10, 0.07)
11709_29	CPT1B	CPT1B	226	-0.029	0.021	0.178	-0.03 (-0.07, 0.01)	0.568	0.003	-0.002	0.043	0.958	-2.29e-03 (-0.09, 0.08)	-0.002	0.480	0.013	0.033	0.690	0.01 (-0.05, 0.08)	0.029	0.042	0.485	0.03 (-0.05, 0.11)
14603_51	KIAA0040	KIAA0040	226	0.025	0.018	0.178	0.02 (-0.01, 0.06)	0.568	0.591	0.012	0.037	0.743	0.01 (-0.06, 0.08)	0.001	0.696	-0.008	0.034	0.812	-0.01 (-0.08, 0.06)	0.005	0.040	0.906	4.71e-03 (-0.07, 0.08)
13631_1	RBBP5	RB binding	226	0.025	0.019	0.178	0.03 (-0.01, 0.06)	0.568	0.890	0.040	0.038	0.286	0.04 (-0.03, 0.11)	-0.001	0.646	0.007	0.038	0.854	0.01 (-0.07, 0.08)	0.006	0.037	0.879	0.01 (-0.07, 0.08)
9984_12	YIPF6	YIPF6	226	0.026	0.020	0.178	0.03 (-0.01, 0.06)	0.568	0.228	0.027	0.041	0.514	0.03 (-0.05, 0.11)	0.000	0.993	0.042	0.033	0.205	0.04 (-0.02, 0.11)	0.048	0.044	0.273	0.05 (-0.04, 0.13)
7118_24	IGDCC3	IGDC3	226	0.026	0.020	0.179	0.03 (-0.01, 0.06)	0.569	0.733	0.107	0.040	0.007	0.11 (0.03, 0.18)	-0.005	0.019	0.061	0.033	0.069	0.06 (-4.79e-03, 0.1	0.082	0.042	0.053	0.08 (-4.91e-04, 0.17)
13976_9	ARHGEF1	ARHG1	226	0.024	0.018	0.179	0.02 (-0.01, 0.06)	0.570	0.668	0.009	0.036	0.807	0.01 (-0.06, 0.08)	0.001	0.627	0.005	0.033	0.880	0.01 (-0.06, 0.07)	0.006	0.038	0.871	0.01 (-0.07, 0.08)
9979_13	AMIGO1	AMGO1	226	-0.026	0.020	0.179	-0.03 (-0.06, 0.01)	0.570	0.534	0.003	0.039	0.939	3.02e-03 (-0.07, 0.08)	-0.002	0.393	-0.054	0.036	0.132	-0.05 (-0.13, 0.02)	-0.048	0.042	0.248	-0.05 (-0.13, 0.03)
18429_10	CDH1	Cadherin E	226	-0.028	0.021	0.179	-0.03 (-0.07, 0.01)	0.571	0.019	-0.049	0.042	0.246	-0.05 (-0.13, 0.03)	0.001	0.567	-0.043	0.040	0.280	-0.04 (-0.12, 0.04)	-0.026	0.037	0.492	-0.03 (-0.10, 0.05)
4148_49	PAPPA	PAPP-A	226	-0.033	0.024	0.180	-0.03 (-0.08, 0.02)	0.571	1.11E-07	0.010	0.049	0.835	0.01 (-0.09, 0.11)	-0.003	0.315	-0.043	0.041	0.295	-0.04 (-0.12, 0.04)	-0.047	0.038	0.221	-0.05 (-0.12, 0.03)
10900_272	STMN2	STMN2	226	0.025	0.018	0.180	0.02 (-0.01, 0.06)	0.571	0.895	0.013	0.037	0.724	0.01 (-0.06, 0.09)	0.001	0.720	-0.017	0.032	0.592	-0.02 (-0.08, 0.05)	-0.028	0.044	0.526	-0.03 (-0.11, 0.06)
10940_25	SRL	SRCA	226	-0.026	0.019	0.182	-0.03 (-0.06, 0.01)	0.571	0.211	0.013	0.041	0.754	0.01 (-0.07, 0.09)	-0.002	0.273	-0.014	0.032	0.658	-0.01 (-0.08, 0.05)	0.016	0.041	0.699	0.02 (-0.07, 0.10)
11122_97	SPG21	SPG21	226	0.024	0.018	0.182	0.02 (-0.01, 0.06)	0.571	0.294	0.020	0.037	0.597	0.02 (-0.05, 0.09)	0.000	0.893	0.009	0.037	0.800	0.01 (-0.06, 0.08)	0.018	0.035	0.602	0.02 (-0.05, 0.09)
11167_6	MTMR1	MTMR1	226	0.026	0.019	0.182	0.03 (-0.01, 0.06)	0.571	0.158	-0.008	0.041	0.855	-0.01 (-0.09, 0.07)	0.002	0.348	0.026	0.042	0.537	0.03 (-0.06, 0.11)	0.012	0.044	0.790	0.01 (-0.08, 0.10)
11226_16	UBE3A	UBE3A	226	0.024	0.018	0.180	0.02 (-0.01, 0.06)	0.571	0.515	0.009	0.036	0.801	0.01 (-0.06, 0.08)	0.001	0.635	-0.011	0.031	0.717	-0.01 (-0.07, 0.05)	-0.018	0.038	0.637	-0.02 (-0.09, 0.06)
11560_76	NFATC4	NFAC4	226	0.026	0.020	0.181	0.03 (-0.01, 0.06)	0.571	0.759	0.034	0.039	0.392	0.03 (-0.04, 0.11)	0.000	0.824	0.001	0.038	0.975	1.22e-03 (-0.07, 0.0	-0.002	0.039	0.965	-1.71e-03 (-0.08, 0.08)
12473_48	KCTD5	KCTD5	226	0.026	0.020	0.181	0.03 (-0.01, 0.06)	0.571	0.220	-0.038	0.041	0.349	-0.04 (-0.12, 0.04)	0.004	0.069	-0.013	0.033	0.700	-0.01 (-0.08, 0.05)	-0.022	0.044	0.612	-0.02 (-0.11, 0.06)
12564_9	NIP7	NIP7	226	-0.025	0.018	0.180	-0.02 (-0.06, 0.01)	0.571	0.107	-0.042	0.039	0.287	-0.04 (-0.12, 0.03)	0.001	0.612	-0.061	0.037	0.098	-0.06 (-0.13, 0.01)	-0.071	0.044	0.103	-0.07 (-0.16, 0.01)
12634_79	BCAR3	BCAR3	226	0.030	0.022	0.181	0.03 (-0.01, 0.07)	0.571	1.18E-04	-0.004	0.045	0.928	-4.03e-03 (-0.09, 0.08)	0.002	0.385	-0.001	0.039	0.981	-9.07e-04 (-0.08, 0.	-0.009	0.039	0.827	-0.01 (-0.08, 0.07)
13673_21	CCT7	TCPH	226	-0.025	0.019	0.181	-0.02 (-0.06, 0.01)	0.571	0.350	-0.006	0.038	0.882	-0.01 (-0.08, 0.07)	-0.001	0.563	-0.061	0.038	0.106	-0.06 (-0.13, 0.01)	-0.056	0.038	0.141	-0.06 (-0.13, 0.02)
17734_13	ENSA	a-endosulfi	226	0.024	0.018	0.181	0.02 (-0.01, 0.06)	0.571	0.433	0.035	0.037	0.338	0.04 (-0.04, 0.11)	-0.001	0.728	0.015	0.029	0.594	0.02 (-0.04, 0.07)	-0.011	0.036	0.750	-0.01 (-0.08, 0.06)
18891_98	GBP2	GBP2	226	0.025	0.019	0.182	0.02 (-0.01, 0.06)	0.571	0.792	0.024	0.038	0.532	0.02 (-0.05, 0.10)	0.000	0.967	0.047	0.037	0.198	0.05 (-0.02, 0.12)	0.024	0.039	0.549	0.02 (-0.05, 0.10)
19254_125	GMPR	GMPR1	226	-0.026	0.019	0.182	-0.03 (-0.06, 0.01)	0.571	0.099	-0.031	0.042	0.453	-0.03 (-0.11, 0.05)	0.000	0.883	-0.020	0.041	0.620	-0.02 (-0.10, 0.06)	-0.035	0.041	0.391	-0.03 (-0.11, 0.04)
2731_29	POR	NADPH-P4	226	0.029	0.022	0.181	0.03 (-0.01, 0.07)	0.571	0.001	-0.008	0.044	0.852	-0.01 (-0.10, 0.08)	0.002	0.328	0.025	0.041	0.537	0.03 (-0.05, 0.10)	0.001	0.039	0.976	1.17e-03 (-0.07, 0.08)
3046_31	RETN	resistin	226	-0.027	0.020	0.181	-0.03 (-0.07, 0.01)	0.571	0.033	-0.020	0.041	0.618	-0.02 (-0.10, 0.06)	0.000	0.851	-0.038	0.037	0.311	-0.04 (-0.11, 0.04)	-0.029	0.038	0.451	-0.03 (-0.10, 0.05)
3072_4	IL13	IL-13	226	0.025	0.019	0.182	0.03 (-0.01, 0.06)	0.571	0.308	-0.012	0.039	0.751	-0.01 (-0.09, 0.06)	0.002	0.267	0.020	0.038	0.603	0.02 (-0.06, 0.10)	0.022	0.039	0.571	0.02 (-0.05, 0.10)
3280_49	ACAN	Aggrecan	226	-0.026	0.019	0.182	-0.03 (-0.06, 0.01)	0.571	0.357	-0.004	0.039	0.911	-4.36e-03 (-0.08, 0.07)	-0.001	0.535	-0.027	0.040	0.506	-0.03 (-0.11, 0.05)	-0.045	0.042	0.277	-0.05 (-0.13, 0.04)
3817_18	PRKCQ	KPCT	226	0.024	0.018	0.182	0.02 (-0.01, 0.06)	0.571	0.757	0.026	0.036	0.466	0.03 (-0.04, 0.10)	0.000	0.939	-0.007	0.032	0.826	-0.01 (-0.07, 0.06)	0.000	0.035	1.000	5.88e-06 (-0.07, 0.07)
4122_12	DDR1	discoidin d	226	-0.026	0.019	0.181	-0.03 (-0.06, 0.01)	0.571	0.935	0.044	0.039	0.260	0.04 (-0.03, 0.12)	-0.004	0.040	0.013	0.035	0.698	0.01 (-0.05, 0.08)	0.020	0.037	0.588	0.02 (-0.05, 0.09)
4453_83	LRRTM3	LRRT3	226	-0.026	0.019	0.180	-0.03 (-0.06, 0.01)	0.571	0.748	0.015	0.039	0.689	0.02 (-0.06, 0.09)	-0.003	0.221	-0.029	0.036	0.410	-0.03 (-0.10, 0.04)	-0.017	0.038	0.664	-0.02 (-0.09, 0.06)
4904_7	CASP2	Caspase-2	226	-0.024	0.018	0.182	-0.02 (-0.06, 0.01)	0.571	0.242	-0.009	0.038	0.804	-0.01 (-0.08, 0.07)	-0.001	0.652	-0.034	0.039	0.382	-0.03 (-0.11, 0.04)	-0.028	0.042	0.500	-0.03 (-0.11, 0.05)
5116_62	ROBO2	ROBO2	226	-0.028	0.021	0.182	-0.03 (-0.07, 0.01)	0.571	0.001	-0.011	0.043	0.798	-0.01 (-0.09, 0.07)	-0.001	0.641	-0.042	0.038	0.270	-0.04 (-0.12, 0.03)	-0.051	0.038	0.180	-0.05 (-0.13, 0.02)
9573_108	TXNDC11	TXD11	226	-0.028	0.021	0.181	-0.03 (-0.07, 0.01)	0.571	0.008	-0.034	0.043	0.430	-0.03 (-0.12, 0.05)	0.000	0.883	-0.050	0.041	0.218	-0.05 (-0.13, 0.03)	-0.053	0.042	0.207	-0.05 (-0.13, 0.03)
13636_20	NAP1L1	NP1L1	226	-0.025	0.019	0.183	-0.03 (-0.06, 0.01)	0.572	0.488	-0.027	0.038	0.482	-0.03 (-0.10, 0.05)	0.000	0.959	-0.054	0.037	0.145	-0.05 (-0.13, 0.02)	-0.049	0.039	0.212	-0.05 (-0.12, 0.03)
15414_316	LDHA	LDHA	226	0.024	0.018	0.183	0.02 (-0.01, 0.06)	0.572	0.948	-0.022	0.036	0.545	-0.02 (-0.09, 0.05)	0.003	0.146	0.014	0.029	0.637	0.01 (-0.04, 0.07)	0.008	0.036	0.833	0.01 (-0.06, 0.08)
5093_47	JAG2	JAG2	226	-0.030	0.023	0.183	-0.03 (-0.07, 0.01)	0.572	2.71E-04	-0.003	0.045	0.946	-3.10e-03 (-0.09, 0.09)	-0.002	0.496	-0.018	0.040	0.650	-0.02 (-0.10, 0.06)	-0.045	0.039	0.252	-0.04 (-0.12, 0.03)
6912_6	EFHA2	EFHA2	226	-0.026	0.020	0.183	-0.03 (-0.06, 0.01)	0.572	0.168	-0.068	0.041	0.098	-0.07 (-0.15, 0.01)	0.003	0.239	-0.006	0.038	0.869	-0.01 (-0.08, 0.07)	-0.019	0.043	0.664	-0.02 (-0.10, 0.07)
2828_82	SPINT1	HAI-1	226	-0.025	0.019	0.183	-0.02 (-0.06, 0.01)	0.572	0.531	0.040	0.037	0.285	0.04 (-0.03, 0.11)	-0.004	0.047	-0.006	0.031	0.840	-0.01 (-0.07, 0.05)	0.037	0.041	0.362	0.04 (-0.04, 0.12)
12931_16	NR3C2	MCR	226	0.025	0.019	0.184	0.03 (-0.01, 0.06)	0.572	0.900	0.051	0.039	0.187	0.05 (-0.02, 0.13)	-0.002	0.444	0.006	0.037	0.863	0.01 (-0.07, 0.08)	0.041	0.039	0.290	0.04 (-0.04, 0.12)
13618_15	MAD1L1	MD1L1	226	0.026	0.019	0.184	0.03 (-0.01, 0.06)	0.572	0.072	0.006	0.042	0.882	0.01 (-0.08, 0.09)	0.001	0.590	0.029	0.041	0.473	0.03 (-0.05, 0.11)	0.010	0.042	0.819	0.01 (-0.07, 0.09)
15535_3	PRSS27	Marapsin	226	-0.026	0.019	0.184	-0.03 (-0.06, 0.01)	0.572	0.433	0.023	0.039	0.551	0.02 (-0.05, 0.10)	-0.003	0.150	-0.008	0.041	0.838	-0.01 (-0.09, 0.07)	-0.023	0.041	0.574	-0.02 (-0.10, 0.06)
16807_35	TNNT3	TNNT3	226	0.028	0.021	0.184	0.03 (-0.01, 0.07)	0.572	0.046	-0.038	0.042	0.372	-0.04 (-0.12, 0.04)	0.004	0.074	-0.004	0.039	0.922	-3.83e-03 (-0.08, 0.	0.019	0.044	0.659	0.02 (-0.07, 0.11)
3587_53	BMP10	BMP10	226	-0.027	0.020	0.184	-0.03 (-0.07, 0.01)	0.572	0.047	0.033	0.041	0.424	0.03 (-0.05, 0.11)	-0.004	0.093	-0.017	0.040	0.676	-0.02 (-0.09, 0.06)	-0.005	0.036	0.891	-4.96e-03 (-0.08, 0.07)
12501_10	TBCA	TBCA	226	0.148	0.112	0.184	0.15 (-0.07, 0.37)	0.573	0.00E+00	0.188	0.226	0.407	0.19 (-0.26, 0.63)	-0.002	0.842	0.000	0.034	1.000	0.00e+00 (-0.07, 0.	-0.010	0.042	0.805	-0.01 (-0.09, 0.07)
19115_13	CMBL	CMBL	226	-0.026	0.020	0.185	-0.03 (-0.06, 0.01)	0.573	0.792	-0.028	0.039	0.472	-0.03 (-0.11, 0.05)	0.000	0.943	-0.053	0.038	0.164	-0.05 (-0.13, 0.02)	-0.050	0.045	0.265	-0.05 (-0.14, 0.04)
19338_3	LZIC	LZIC	226	0.025	0.019	0.185	0.02 (-0.01, 0.06)	0.573	0.529	0.038	0.038	0.315	0.04 (-0.04, 0.11)	-0.001	0.689	-0.026	0.031	0.408	-0.03 (-0.09, 0.04)	-0.019	0.041	0.638	-0.02 (-0.10, 0.06)
4992_49	GRN	GRN	226	-0.032	0.024	0.185	-0.03 (-0.08, 0.02)	0.573	4.09E-08	0.010	0.049	0.846	0.01 (-0.09, 0.11)	-0.003	0.327	-0.042	0.042	0.319	-0.04 (-0.12, 0.04)	-0.036	0.040	0.376	-0.04 (-0.11, 0.04)
7157_22	PCDHA4	PCDA4	226	-0.029	0.022	0.185	-0.03 (-0.07, 0.01)	0.573	0.001	0.036	0.044	0.410	0.04 (-0.05, 0.12)	-0.004	0.088	-0.012	0.037	0.753	-0.01 (-0.08, 0.06)	-0.009	0.039	0.820	-0.01 (-0.09, 0.07)
9357_4	CREG1	CREG1	226	0.031	0.023	0.185	0.03 (-0.01, 0.08)	0.573	8.37E-06	-0.015	0.047	0.751	-0.02 (-0.11, 0.08)	0.003	0.261	-0.024	0.032	0.445	-0.02 (-0.09, 0.04)	-0.052	0.038	0.167	-0.05 (-0.13, 0.02)
9940_35	DUSP28	DUS28	226	0.024	0.018	0.185	0.02 (-0.01, 0.06)	0.573	0.573	-0.019	0.037	0.607	-0.02 (-0.09, 0.05)	0.003	0.178	0.011	0.031	0.715	0.01 (-0.05, 0.07)	-0.016	0.044	0.712	-0.02 (-0.10, 0.07)
19639_53	IAPP	IAPP	226	-0.028	0.021	0.185	-0.03 (-0.07, 0.01)	0.573	0.001	0.036	0.042	0.396	0.04 (-0.05, 0.12)	-0.004	0.083	-0.003	0.039	0.946	-2.63e-03 (-0.08, 0.	-0.002	0.042	0.959	-2.16e-03 (-0.08, 0.08)
7927_16	ST6GALNA	SIA7E	226	-0.028	0.021	0.185	-0.03 (-0.07, 0.01)	0.574	0.021	-0.009	0.042	0.823	-0.01 (-0.09, 0.07)	-0.001	0.619	-0.003	0.039	0.930	-3.38e-03 (-0.08, 0.	-0.027	0.046	0.566	-0.03 (-0.12, 0.06)
12756_3	BACH2	BACH2	226	0.026	0.019	0.186	0.03 (-0.01, 0.06)	0.575	0.297	0.001	0.040	0.970	1.47e-03 (-0.08, 0.08)	0.002	0.487	0.040	0.039	0.302	0.04 (-0.04, 0.12)	0.017	0.038	0.648	0.02 (-0.06, 0.09)
12748_6	BRDT	BRDT	226	0.025	0.019	0.186	0.02 (-0.01, 0.06)	0.575	0.119	0.012	0.040	0.768	0.01 (-0.07, 0.09)	0.001	0.707	-0.037	0.033	0.263	-0.04 (-0.10, 0.03)	-0.039	0.038	0.304	-0.04 (-0.11, 0.04)
17768_50	HAO1	HAOX1	226	0.025	0.019	0.187	0.03 (-0.01, 0.06)	0.577	0.412	0.062	0.039	0.114	0.06 (-0.01, 0.14)	-0.002	0.282	-0.001	0.039	0.977	-1.13e-03 (-0.08, 0.	0.005	0.041	0.910	4.67e-03 (-0.08, 0.09)
18313_4	ASRGL1	Asparagina	226	0.028	0.022	0.187	0.03 (-0.01, 0.07)	0.577	9.36E-05	0.046	0.043	0.296	0.05 (-0.04, 0.13)	-0.001	0.650	0.017	0.031	0.578	0.02 (-0.04, 0.08)	0.002	0.042	0.969	1.66e-03 (-0.08, 0.08)
3399_31	STAB2	STAB2	226	0.026	0.019	0.187	0.03 (-0.01, 0.06)	0.577	0.606	-0.027	0.039	0.488	-0.03 (-0.10, 0.05)	0.003	0.121	-0.021	0.039	0.592	-0.02 (-0.10, 0.06)	-0.023	0.042	0.593	-0.02 (-0.11, 0.06)
6603_18	KAL1	KALM	226	-0.026	0.019	0.187	-0.03 (-0.06, 0.01)	0.577	0.408	-0.029	0.040	0.469	-0.03 (-0.11, 0.05)	0.000	0.928	0.010	0.035	0.784	0.01 (-0.06, 0.08)	-0.006	0.042	0.891	-0.01 (-0.09, 0.08)
7147_35	WFDC8	WFDC8	226	0.025	0.019	0.187	0.02 (-0.01, 0.06)	0.577	0.253	0.051	0.039	0.187	0.05 (-0.02, 0.13)	-0.002	0.428	0.029	0.032	0.379	0.03 (-0.04, 0.09)	0.030	0.037	0.423	0.03 (-0.04, 0.10)
8002_27	TMPRSS5	Spinesin	226	0.026	0.019	0.188	0.03 (-0.01, 0.06)	0.578	0.533	-0.023	0.039	0.563	-0.02 (-0.10, 0.05)	0.003	0.157	-0.002	0.040	0.955	-2.27e-03 (-0.08, 0.	-0.017	0.041	0.683	-0.02 (-0.10, 0.06)
18382_109	COMT	Catechol O	226	0.026	0.019	0.188	0.03 (-0.01, 0.06)	0.578	0.149	0.096	0.041	0.020	0.10 (0.02, 0.18)	-0.004	0.050	0.027	0.038	0.471	0.03 (-0.05, 0.10)	0.053	0.038	0.160	0.05 (-0.02, 0.13)
3041_55	MRC2	MRC2	226	0.029	0.022	0.188	0.03 (-0.01, 0.07)	0.578	0.006	0.059	0.044	0.181	0.06 (-0.03, 0.14)	-0.002	0.428	0.030	0.043	0.483	0.03 (-0.05, 0.11)	0.030	0.043	0.490	0.03 (-0.06, 0.12)
3421_54	TNFSF8	CD30 Liga	226	0.028	0.022	0.188	0.03 (-0.01, 0.07)	0.578	0.013	0.020	0.044	0.646	0.02 (-0.07, 0.11)	0.001	0.826	0.002	0.042	0.969	1.67e-03 (-0.08, 0.0	0.014	0.042	0.748	0.01 (-0.07, 0.10)
3719_2	CDKN1B	p27Kip1	226	-0.025	0.019	0.189	-0.03 (-0.06, 0.01)	0.578	0.056	0.040	0.041	0.329	0.04 (-0.04, 0.12)	-0.004	0.068	-0.044	0.032	0.176	-0.04 (-0.11, 0.02)	-0.049	0.040	0.226	-0.05 (-0.13, 0.03)
7244_16	IGFLR1	TM149	226	-0.024	0.018	0.188	-0.02 (-0.06, 0.01)	0.578	0.096	-0.035	0.040	0.374	-0.04 (-0.11, 0.04)	0.001	0.750	-0.025	0.039	0.516	-0.03 (-0.10, 0.05)	-0.039	0.038	0.303	-0.04 (-0.11, 0.04)
8758_2	PCDHA7	PCDA7	226	-0.026	0.020	0.189	-0.03 (-0.06, 0.01)	0.578	0.230	-0.053	0.041	0.198	-0.05 (-0.13, 0.03)	0.002	0.447	-0.053	0.037	0.153	-0.05 (-0.13, 0.02)	-0.050	0.043	0.247	-0.05 (-0.13, 0.03)
13720_95	PRTN3	Proteinase-	226	-0.026	0.019	0.189	-0.03 (-0.06, 0.01)	0.578	0.185	-0.015	0.041	0.714	-0.02 (-0.10, 0.07)	-0.001	0.767	-0.024	0.042	0.564	-0.02 (-0.11, 0.06)	-0.026	0.040	0.516	-0.03 (-0.10, 0.05)
13242_134	SHANK3	SHAN3	226	-0.025	0.019	0.189	-0.02 (-0.06, 0.01)	0.579	0.185	-0.053	0.039	0.182	-0.05 (-0.13, 0.02)	0.002	0.413	-0.024	0.038	0.517	-0.02 (-0.10, 0.05)	-0.026	0.039	0.506	-0.03 (-0.10, 0.05)
12676_1	PACSIN1	PACN1	226	-0.024	0.018	0.189	-0.02 (-0.06, 0.01)	0.579	0.355	-0.046	0.037	0.224	-0.05 (-0.12, 0.03)	0.001	0.505	-0.040	0.037	0.276	-0.04 (-0.11, 0.03)	-0.027	0.037	0.463	-0.03 (-0.10, 0.05)
3848_14	GAPDH	GAPDH, liv	226	0.023	0.018	0.189	0.02 (-0.01, 0.06)	0.579	0.684	-0.030	0.036	0.400	-0.03 (-0.10, 0.04)	0.003	0.086	-0.011	0.031	0.723	-0.01 (-0.07, 0.05)	-0.029	0.038	0.450	-0.03 (-0.10, 0.05)
10534_40	PARP1	PARP	226	0.027	0.021	0.190	0.03 (-0.01, 0.07)	0.580	0.008	0.044	0.042	0.295	0.04 (-0.04, 0.13)	-0.001	0.646	0.047	0.039	0.233	0.05 (-0.03, 0.12)	0.062	0.041	0.137	0.06 (-0.02, 0.14)
11494_4	ELL2	ELL2	226	-0.026	0.019	0.190	-0.03 (-0.06, 0.01)	0.580	0.949	0.007	0.039	0.863	0.01 (-0.07, 0.08)	-0.002	0.344	-0.010	0.042	0.805	-0.01 (-0.09, 0.07)	0.002	0.044	0.958	2.35e-03 (-0.08, 0.09)
11568_2	FKBP1B	FKB1B	226	0.024	0.018	0.190	0.02 (-0.01, 0.06)	0.580	0.330	0.002	0.038	0.967	1.57e-03 (-0.07, 0.08)	0.001	0.493	-0.026	0.034	0.448	-0.03 (-0.09, 0.04)	-0.015	0.041	0.712	-0.02 (-0.10, 0.07)
13510_7	ATP2A3	AT2A3	226	-0.028	0.021	0.190	-0.03 (-0.07, 0.01)	0.580	0.002	0.048	0.043	0.267	0.05 (-0.04, 0.13)	-0.005	0.043	0.003	0.039	0.941	2.87e-03 (-0.07, 0.0	0.021	0.041	0.610	0.02 (-0.06, 0.10)
15305_7	SCGN	Secretagog	226	-0.028	0.021	0.191	-0.03 (-0.07, 0.01)	0.580	0.006	0.037	0.043	0.388	0.04 (-0.05, 0.12)	-0.004	0.082	0.012	0.040	0.766	0.01 (-0.07, 0.09)	0.025	0.038	0.510	0.03 (-0.05, 0.10)
15318_75	S100A10	Calpactin I	226	0.025	0.019	0.190	0.02 (-0.01, 0.06)	0.580	0.917	0.075	0.038	0.049	0.08 (6.57e-04, 0.15)	-0.003	0.128	0.058	0.036	0.113	0.06 (-0.01, 0.13)	0.036	0.040	0.378	0.04 (-0.04, 0.11)
4272_46	GPI	PHI	226	0.024	0.018	0.190	0.02 (-0.01, 0.06)	0.580	0.482	0.020	0.037	0.589	0.02 (-0.05, 0.09)	0.000	0.901	0.011	0.030	0.721	0.01 (-0.05, 0.07)	0.014	0.036	0.700	0.01 (-0.06, 0.08)
4905_63	COTL1	Coactosin-l	226	0.028	0.021	0.190	0.03 (-0.01, 0.07)	0.580	5.34E-05	0.028	0.043	0.517	0.03 (-0.06, 0.11)	0.000	1.000	0.011	0.039	0.778	0.01 (-0.07, 0.09)	0.004	0.037	0.906	4.39e-03 (-0.07, 0.08)
6473_55	BPIFA1	PLUNC	226	0.026	0.020	0.191	0.03 (-0.01, 0.06)	0.580	0.236	-0.005	0.041	0.900	-0.01 (-0.08, 0.07)	0.002	0.385	0.018	0.039	0.648	0.02 (-0.06, 0.09)	0.042	0.041	0.306	0.04 (-0.04, 0.12)
9865_40	UBE2B	UBE2B	226	-0.025	0.019	0.190	-0.03 (-0.06, 0.01)	0.580	0.398	-0.012	0.039	0.761	-0.01 (-0.09, 0.07)	-0.001	0.698	0.001	0.033	0.983	7.07e-04 (-0.06, 0.0	0.011	0.038	0.768	0.01 (-0.06, 0.09)
4301_58	TK1	Thymidine	226	0.025	0.019	0.191	0.03 (-0.01, 0.06)	0.580	0.288	-0.034	0.040	0.396	-0.03 (-0.11, 0.04)	0.004	0.088	0.025	0.040	0.540	0.02 (-0.05, 0.10)	-0.022	0.043	0.605	-0.02 (-0.11, 0.06)
9511_61	NXPH2	NXPH2	226	-0.025	0.019	0.191	-0.02 (-0.06, 0.01)	0.580	0.238	0.037	0.039	0.338	0.04 (-0.04, 0.11)	-0.004	0.068	0.028	0.035	0.433	0.03 (-0.04, 0.10)	0.012	0.040	0.765	0.01 (-0.07, 0.09)
15336_7	SELM	SELM	226	-0.024	0.018	0.192	-0.02 (-0.06, 0.01)	0.581	0.223	0.010	0.039	0.801	0.01 (-0.07, 0.09)	-0.002	0.312	-0.007	0.033	0.838	-0.01 (-0.07, 0.06)	0.005	0.039	0.894	0.01 (-0.07, 0.08)
5631_83	MLN	MOTI	226	0.028	0.021	0.192	0.03 (-0.01, 0.07)	0.582	4.73E-04	0.087	0.042	0.042	0.09 (3.67e-03, 0.17)	-0.004	0.109	0.038	0.034	0.265	0.04 (-0.03, 0.11)	0.034	0.041	0.402	0.03 (-0.05, 0.11)
9022_49	DEFB132	DB132	226	0.025	0.019	0.192	0.03 (-0.01, 0.06)	0.583	0.082	-0.023	0.041	0.576	-0.02 (-0.10, 0.06)	0.003	0.180	0.020	0.040	0.610	0.02 (-0.06, 0.10)	-0.005	0.041	0.903	-4.98e-03 (-0.08, 0.07)
10449_31	SHISA2	TMM46	226	0.028	0.021	0.193	0.03 (-0.01, 0.07)	0.585	0.037	-0.015	0.043	0.721	-0.02 (-0.10, 0.07)	0.003	0.248	-0.001	0.041	0.982	-9.24e-04 (-0.08, 0.	0.001	0.040	0.987	6.24e-04 (-0.08, 0.08)
13511_29	SATB1	SATB1	226	0.024	0.018	0.193	0.02 (-0.01, 0.06)	0.585	0.675	-0.011	0.037	0.764	-0.01 (-0.08, 0.06)	0.002	0.277	-0.003	0.033	0.927	-3.00e-03 (-0.07, 0.	0.000	0.038	0.997	1.20e-04 (-0.07, 0.07)
10511_10	COL6A3	Collagen al	226	0.026	0.020	0.194	0.03 (-0.01, 0.06)	0.586	0.682	-0.007	0.040	0.867	-0.01 (-0.08, 0.07)	0.002	0.351	-0.017	0.035	0.624	-0.02 (-0.09, 0.05)	0.003	0.043	0.948	2.80e-03 (-0.08, 0.09)
13078_3	CETN2	CETN2	226	0.024	0.018	0.194	0.02 (-0.01, 0.06)	0.586	0.140	-0.021	0.038	0.586	-0.02 (-0.10, 0.05)	0.003	0.182	0.013	0.032	0.685	0.01 (-0.05, 0.08)	0.009	0.038	0.804	0.01 (-0.06, 0.08)
15361_37	ANKRD1	ANKR1	226	0.025	0.020	0.194	0.03 (-0.01, 0.06)	0.586	0.563	0.008	0.039	0.838	0.01 (-0.07, 0.09)	0.001	0.613	0.038	0.041	0.353	0.04 (-0.04, 0.12)	0.028	0.041	0.500	0.03 (-0.05, 0.11)
3026_5	CAST	Calpastatin	226	-0.028	0.021	0.194	-0.03 (-0.07, 0.01)	0.586	0.005	-0.002	0.043	0.955	-2.43e-03 (-0.09, 0.08)	-0.002	0.499	-0.005	0.039	0.891	-0.01 (-0.08, 0.07)	-0.010	0.038	0.803	-0.01 (-0.09, 0.07)
3808_76	FGFR2	FGFR-2	226	-0.025	0.020	0.194	-0.03 (-0.06, 0.01)	0.586	0.050	0.051	0.042	0.225	0.05 (-0.03, 0.13)	-0.005	0.037	-0.001	0.039	0.986	-6.70e-04 (-0.08, 0.	-0.002	0.040	0.959	-2.08e-03 (-0.08, 0.08)
9561_21	VCAN	CSPG2	226	-0.025	0.019	0.194	-0.03 (-0.06, 0.01)	0.587	0.207	-0.048	0.041	0.239	-0.05 (-0.13, 0.03)	0.001	0.519	-0.015	0.041	0.720	-0.01 (-0.09, 0.06)	-0.002	0.044	0.959	-2.23e-03 (-0.09, 0.08)
3441_64	GSK3A	GSK-3 alph	226	0.024	0.018	0.195	0.02 (-0.01, 0.06)	0.587	0.518	0.041	0.037	0.273	0.04 (-0.03, 0.11)	-0.001	0.601	0.006	0.030	0.839	0.01 (-0.05, 0.06)	-0.013	0.035	0.713	-0.01 (-0.08, 0.06)
9078_207	SNTB1	SNTB1	226	0.024	0.019	0.195	0.02 (-0.01, 0.06)	0.587	0.597	0.044	0.037	0.241	0.04 (-0.03, 0.12)	-0.001	0.541	0.015	0.031	0.625	0.02 (-0.05, 0.08)	0.011	0.036	0.764	0.01 (-0.06, 0.08)
7842_52	SERF1A	SERF1	226	0.024	0.019	0.195	0.02 (-0.01, 0.06)	0.587	0.296	-0.003	0.039	0.933	-3.28e-03 (-0.08, 0.07)	0.002	0.413	-0.029	0.036	0.425	-0.03 (-0.10, 0.04)	-0.023	0.039	0.561	-0.02 (-0.10, 0.05)
9808_41	TNRC6B	TNR6B	226	0.023	0.018	0.195	0.02 (-0.01, 0.06)	0.587	0.312	0.019	0.037	0.606	0.02 (-0.05, 0.09)	0.000	0.898	0.002	0.033	0.941	2.44e-03 (-0.06, 0.0	0.005	0.037	0.887	0.01 (-0.07, 0.08)
15476_6	REG3G	REG3G	226	-0.031	0.024	0.195	-0.03 (-0.08, 0.02)	0.587	2.22E-09	0.067	0.048	0.165	0.07 (-0.03, 0.16)	-0.006	0.019	-0.002	0.032	0.946	-2.17e-03 (-0.06, 0.	0.052	0.041	0.206	0.05 (-0.03, 0.13)
12963_1	GPR107	GP107	226	-0.025	0.019	0.195	-0.02 (-0.06, 0.01)	0.587	0.110	-0.015	0.041	0.711	-0.02 (-0.09, 0.06)	-0.001	0.786	-0.020	0.040	0.629	-0.02 (-0.10, 0.06)	-0.021	0.042	0.615	-0.02 (-0.10, 0.06)
6517_14	GDF10	BMP-3b	226	0.028	0.021	0.196	0.03 (-0.01, 0.07)	0.587	0.020	-0.018	0.043	0.684	-0.02 (-0.10, 0.07)	0.003	0.228	-0.016	0.038	0.672	-0.02 (-0.09, 0.06)	-0.006	0.036	0.863	-0.01 (-0.08, 0.06)
12727_7	PTGFRN	FPRP	226	-0.041	0.032	0.196	-0.04 (-0.10, 0.02)	0.588	7.37E-44	0.029	0.064	0.653	0.03 (-0.10, 0.15)	-0.004	0.209	0.014	0.038	0.702	0.01 (-0.06, 0.09)	0.007	0.039	0.863	0.01 (-0.07, 0.08)
17764_108	RHOC	RHOC	226	-0.029	0.022	0.196	-0.03 (-0.07, 0.01)	0.588	8.33E-05	-0.013	0.045	0.770	-0.01 (-0.10, 0.07)	-0.001	0.688	-0.044	0.041	0.286	-0.04 (-0.12, 0.04)	-0.039	0.040	0.330	-0.04 (-0.12, 0.04)
15627_83	AKT1	PKB	226	0.023	0.018	0.196	0.02 (-0.01, 0.06)	0.588	0.848	0.036	0.036	0.327	0.04 (-0.04, 0.11)	-0.001	0.695	-0.001	0.031	0.970	-1.19e-03 (-0.06, 0.	-0.008	0.038	0.834	-0.01 (-0.08, 0.07)
12595_11	TMOD1	TMOD1	226	-0.025	0.019	0.197	-0.02 (-0.06, 0.01)	0.589	0.546	-0.035	0.038	0.364	-0.03 (-0.11, 0.04)	0.001	0.758	-0.022	0.040	0.580	-0.02 (-0.10, 0.06)	-0.046	0.039	0.244	-0.05 (-0.12, 0.03)
6421_52	IFNA16	IFN16	226	0.025	0.019	0.197	0.03 (-0.01, 0.06)	0.589	0.199	-0.039	0.040	0.333	-0.04 (-0.12, 0.04)	0.004	0.068	0.012	0.041	0.769	0.01 (-0.07, 0.09)	-0.013	0.041	0.757	-0.01 (-0.09, 0.07)
10809_14	KLRB1	KLRB1	226	-0.025	0.019	0.197	-0.02 (-0.06, 0.01)	0.589	0.306	0.015	0.039	0.708	0.01 (-0.06, 0.09)	-0.002	0.250	-0.038	0.037	0.309	-0.04 (-0.11, 0.04)	-0.042	0.043	0.325	-0.04 (-0.13, 0.04)
14012_17	DHX58	LGP2	226	0.025	0.019	0.197	0.03 (-0.01, 0.06)	0.590	0.452	-0.008	0.039	0.845	-0.01 (-0.08, 0.07)	0.002	0.338	-0.014	0.039	0.723	-0.01 (-0.09, 0.06)	-0.007	0.040	0.855	-0.01 (-0.09, 0.07)
8700_325	GALNT11	GLT11	226	0.024	0.018	0.197	0.02 (-0.01, 0.06)	0.590	0.060	-0.012	0.040	0.757	-0.01 (-0.09, 0.07)	0.002	0.297	0.006	0.031	0.858	0.01 (-0.06, 0.07)	-0.020	0.043	0.639	-0.02 (-0.11, 0.06)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
13717_15	FCN2	FCN2	226	0.029	0.023	0.198	0.03 (-0.02, 0.07)	0.591	9.08E-05	0.075	0.046	0.104	0.07 (-0.01, 0.16)	-0.003	0.253	0.091	0.039	0.021	0.09 (0.01, 0.17)	0.111	0.044	0.012	0.11 (0.02, 0.20)
5250_53	IMPDH2	IMDH2	226	0.023	0.018	0.198	0.02 (-0.01, 0.06)	0.591	0.186	0.019	0.038	0.616	0.02 (-0.06, 0.09)	0.000	0.899	0.024	0.040	0.555	0.02 (-0.06, 0.10)	0.008	0.041	0.838	0.01 (-0.07, 0.09)
10667_78	C1orf185	CA185	226	-0.025	0.019	0.198	-0.02 (-0.06, 0.01)	0.591	0.944	-0.010	0.039	0.804	-0.01 (-0.09, 0.07)	-0.001	0.654	-0.012	0.035	0.731	-0.01 (-0.08, 0.06)	-0.015	0.039	0.696	-0.02 (-0.09, 0.06)
5008_51	SOD2	Mn SOD	226	-0.028	0.022	0.199	-0.03 (-0.07, 0.01)	0.592	0.003	-0.057	0.044	0.197	-0.06 (-0.14, 0.03)	0.002	0.450	-0.054	0.035	0.116	-0.05 (-0.12, 0.01)	-0.033	0.043	0.449	-0.03 (-0.12, 0.05)
8303_102	C12orf10	MYG1	226	0.024	0.019	0.198	0.02 (-0.01, 0.06)	0.592	0.135	0.021	0.039	0.593	0.02 (-0.06, 0.10)	0.000	0.934	-0.026	0.033	0.439	-0.03 (-0.09, 0.04)	-0.016	0.042	0.713	-0.02 (-0.10, 0.07)
8631_13	ERMAP	ERMAP	226	-0.025	0.019	0.199	-0.02 (-0.06, 0.01)	0.592	0.132	0.004	0.041	0.931	3.58e-03 (-0.08, 0.08)	-0.002	0.425	0.011	0.039	0.766	0.01 (-0.06, 0.09)	-0.030	0.043	0.489	-0.03 (-0.11, 0.05)
13388_57	PCSK1	NEC1	226	-0.027	0.021	0.199	-0.03 (-0.07, 0.01)	0.593	0.040	0.041	0.042	0.330	0.04 (-0.04, 0.12)	-0.004	0.064	-0.045	0.038	0.228	-0.05 (-0.12, 0.03)	-0.034	0.040	0.397	-0.03 (-0.11, 0.04)
5460_60	DDX19B	DEAD-box	226	0.024	0.018	0.199	0.02 (-0.01, 0.06)	0.593	0.359	0.050	0.038	0.187	0.05 (-0.02, 0.12)	-0.002	0.423	-0.015	0.034	0.662	-0.01 (-0.08, 0.05)	-0.011	0.040	0.787	-0.01 (-0.09, 0.07)
8480_29	EFEMP1	FBLN3	226	-0.030	0.024	0.200	-0.03 (-0.08, 0.02)	0.593	4.36E-08	-0.074	0.048	0.123	-0.07 (-0.17, 0.02)	0.003	0.296	-0.045	0.038	0.237	-0.04 (-0.12, 0.03)	-0.078	0.038	0.043	-0.08 (-0.15, -2.98e-03)
9004_24	LDLRAD4	CR001	226	0.024	0.018	0.200	0.02 (-0.01, 0.06)	0.593	0.297	-0.032	0.038	0.394	-0.03 (-0.11, 0.04)	0.003	0.090	-0.048	0.033	0.151	-0.05 (-0.11, 0.02)	-0.063	0.040	0.119	-0.06 (-0.14, 0.02)
12880_1	SV2A	SV2A	226	0.024	0.019	0.200	0.02 (-0.01, 0.06)	0.593	0.407	0.005	0.038	0.901	4.75e-03 (-0.07, 0.08)	0.001	0.561	0.005	0.032	0.885	4.64e-03 (-0.06, 0.0	-0.024	0.044	0.588	-0.02 (-0.11, 0.06)
18322_15	JMJD6	JMJD6	226	0.023	0.018	0.200	0.02 (-0.01, 0.06)	0.593	0.563	-0.014	0.036	0.703	-0.01 (-0.08, 0.06)	0.002	0.242	-0.027	0.029	0.354	-0.03 (-0.08, 0.03)	-0.035	0.039	0.368	-0.04 (-0.11, 0.04)
5728_60	FCRL1	FCRL1	226	-0.024	0.019	0.200	-0.02 (-0.06, 0.01)	0.593	0.152	-0.019	0.039	0.630	-0.02 (-0.10, 0.06)	0.000	0.886	-0.019	0.040	0.639	-0.02 (-0.10, 0.06)	-0.010	0.043	0.823	-0.01 (-0.09, 0.07)
9075_121	KIAA1024	K1024	226	0.024	0.019	0.200	0.02 (-0.01, 0.06)	0.593	0.281	0.032	0.039	0.411	0.03 (-0.04, 0.11)	0.000	0.814	-0.005	0.038	0.893	-0.01 (-0.08, 0.07)	-0.018	0.042	0.678	-0.02 (-0.10, 0.07)
8766_29	LILRA5	LIRA5	226	-0.028	0.022	0.201	-0.03 (-0.07, 0.01)	0.594	3.31E-05	0.019	0.044	0.664	0.02 (-0.07, 0.10)	-0.003	0.219	0.005	0.036	0.897	4.61e-03 (-0.07, 0.0	-0.023	0.039	0.559	-0.02 (-0.10, 0.05)
8957_72	ERLEC1	XTP3B	226	-0.025	0.020	0.200	-0.03 (-0.06, 0.01)	0.594	0.016	-0.006	0.040	0.873	-0.01 (-0.09, 0.07)	-0.001	0.586	-0.014	0.039	0.724	-0.01 (-0.09, 0.06)	-0.006	0.039	0.888	-0.01 (-0.08, 0.07)
10948_14	PLD3	PLD3	226	0.023	0.018	0.201	0.02 (-0.01, 0.06)	0.594	0.069	0.020	0.039	0.618	0.02 (-0.06, 0.10)	0.000	0.914	0.010	0.033	0.754	0.01 (-0.06, 0.08)	0.013	0.039	0.729	0.01 (-0.06, 0.09)
11633_89	AHSA1	AHSA1	226	0.024	0.018	0.201	0.02 (-0.01, 0.06)	0.594	0.330	0.002	0.038	0.955	2.14e-03 (-0.07, 0.08)	0.001	0.515	-0.027	0.035	0.434	-0.03 (-0.10, 0.04)	-0.021	0.038	0.590	-0.02 (-0.10, 0.05)
12515_45	UCK2	UCK2	226	0.025	0.020	0.201	0.02 (-0.01, 0.06)	0.594	0.759	0.062	0.039	0.118	0.06 (-0.02, 0.14)	-0.002	0.283	0.009	0.040	0.820	0.01 (-0.07, 0.09)	0.015	0.040	0.709	0.01 (-0.06, 0.09)
17756_69	DCTD	DCTD	226	0.024	0.018	0.201	0.02 (-0.01, 0.06)	0.594	0.475	0.037	0.037	0.321	0.04 (-0.04, 0.11)	-0.001	0.678	0.026	0.029	0.374	0.03 (-0.03, 0.08)	0.021	0.040	0.611	0.02 (-0.06, 0.10)
2747_3	ULBP3	ULBP-3	226	0.023	0.018	0.201	0.02 (-0.01, 0.06)	0.594	0.151	0.016	0.038	0.670	0.02 (-0.06, 0.09)	0.000	0.837	-0.010	0.031	0.749	-0.01 (-0.07, 0.05)	-0.033	0.042	0.433	-0.03 (-0.12, 0.05)
3336_50	TFPI	TFPI	226	0.025	0.020	0.202	0.03 (-0.01, 0.06)	0.594	0.004	0.006	0.040	0.883	0.01 (-0.07, 0.08)	0.001	0.576	0.058	0.036	0.102	0.06 (-0.01, 0.13)	0.041	0.036	0.265	0.04 (-0.03, 0.11)
7975_97	UNC5A	UNC5A	226	-0.025	0.019	0.201	-0.02 (-0.06, 0.01)	0.594	0.138	0.025	0.041	0.546	0.02 (-0.06, 0.10)	-0.003	0.165	0.016	0.039	0.695	0.02 (-0.06, 0.09)	0.017	0.043	0.688	0.02 (-0.07, 0.10)
8070_88	DLG4	DLG4	226	0.024	0.018	0.201	0.02 (-0.01, 0.06)	0.594	0.937	0.008	0.037	0.820	0.01 (-0.06, 0.08)	0.001	0.640	-0.008	0.031	0.804	-0.01 (-0.07, 0.05)	-0.012	0.040	0.762	-0.01 (-0.09, 0.07)
9326_33	ITIH2	ITI heavy ch	226	-0.028	0.022	0.201	-0.03 (-0.07, 0.01)	0.594	0.011	-0.012	0.044	0.790	-0.01 (-0.10, 0.07)	-0.001	0.673	-0.050	0.039	0.199	-0.05 (-0.13, 0.03)	-0.041	0.044	0.350	-0.04 (-0.13, 0.05)
13588_11	ANXA9	ANXA9	226	-0.025	0.019	0.202	-0.02 (-0.06, 0.01)	0.596	0.229	-0.028	0.040	0.487	-0.03 (-0.11, 0.05)	0.000	0.923	-0.023	0.041	0.578	-0.02 (-0.10, 0.06)	-0.012	0.043	0.779	-0.01 (-0.10, 0.07)
2833_20	KLK4	Kallikrein 4	226	-0.025	0.019	0.203	-0.02 (-0.06, 0.01)	0.596	0.643	0.015	0.039	0.709	0.01 (-0.06, 0.09)	-0.002	0.248	-0.055	0.034	0.103	-0.05 (-0.12, 0.01)	-0.029	0.043	0.491	-0.03 (-0.11, 0.05)
11211_7	TBCE	TBCE	226	0.023	0.018	0.204	0.02 (-0.01, 0.06)	0.596	0.636	0.024	0.037	0.525	0.02 (-0.05, 0.10)	0.000	0.995	-0.019	0.032	0.546	-0.02 (-0.08, 0.04)	-0.023	0.038	0.540	-0.02 (-0.10, 0.05)
12406_119	DIRAS3	ARHI	226	-0.028	0.022	0.204	-0.03 (-0.07, 0.02)	0.596	0.001	0.022	0.044	0.625	0.02 (-0.07, 0.11)	-0.003	0.198	0.014	0.032	0.663	0.01 (-0.05, 0.08)	0.025	0.042	0.542	0.03 (-0.06, 0.11)
13682_47	CSF1R	M-CSF R	226	0.030	0.024	0.203	0.03 (-0.02, 0.08)	0.596	1.71E-06	0.054	0.048	0.260	0.05 (-0.04, 0.15)	-0.002	0.566	0.032	0.043	0.456	0.03 (-0.05, 0.12)	0.047	0.043	0.282	0.05 (-0.04, 0.13)
17411_55	UFD1L	UFD1	226	0.023	0.018	0.204	0.02 (-0.01, 0.06)	0.596	0.166	0.032	0.038	0.404	0.03 (-0.04, 0.11)	-0.001	0.789	-0.001	0.031	0.980	-7.71e-04 (-0.06, 0.	0.014	0.037	0.706	0.01 (-0.06, 0.09)
19276_124	SNRPG	RUXG	226	0.023	0.018	0.204	0.02 (-0.01, 0.06)	0.596	0.585	0.022	0.037	0.553	0.02 (-0.05, 0.09)	0.000	0.966	0.004	0.030	0.886	4.37e-03 (-0.06, 0.0	0.002	0.038	0.953	2.26e-03 (-0.07, 0.08)
3391_10	PIK3CG	PK3CG	226	0.024	0.019	0.204	0.02 (-0.01, 0.06)	0.596	0.669	-0.010	0.039	0.801	-0.01 (-0.09, 0.07)	0.002	0.311	-0.008	0.037	0.835	-0.01 (-0.08, 0.06)	-0.006	0.043	0.881	-0.01 (-0.09, 0.08)
5261_13	ABL2	ABL2	226	0.024	0.019	0.204	0.02 (-0.01, 0.06)	0.596	0.102	0.006	0.040	0.889	0.01 (-0.07, 0.08)	0.001	0.601	-0.010	0.034	0.775	-0.01 (-0.08, 0.06)	0.006	0.038	0.872	0.01 (-0.07, 0.08)
5493_17	WNK3	WNK3	226	-0.024	0.019	0.204	-0.02 (-0.06, 0.01)	0.596	0.958	-0.044	0.038	0.247	-0.04 (-0.12, 0.03)	0.001	0.542	-0.044	0.037	0.237	-0.04 (-0.12, 0.03)	-0.039	0.039	0.315	-0.04 (-0.12, 0.04)
5764_4	GALNT2	GALT2	226	-0.024	0.019	0.204	-0.02 (-0.06, 0.01)	0.596	0.691	-0.025	0.038	0.522	-0.02 (-0.10, 0.05)	0.000	0.991	-0.014	0.039	0.719	-0.01 (-0.09, 0.06)	-0.027	0.041	0.506	-0.03 (-0.11, 0.05)
5870_23	BAD	BAD	226	0.023	0.018	0.204	0.02 (-0.01, 0.06)	0.596	0.545	0.021	0.036	0.559	0.02 (-0.05, 0.09)	0.000	0.957	-0.007	0.029	0.801	-0.01 (-0.06, 0.05)	-0.028	0.037	0.451	-0.03 (-0.10, 0.04)
6448_36	SEMA3C	Sema E	226	0.027	0.021	0.204	0.03 (-0.01, 0.07)	0.596	0.006	0.034	0.043	0.435	0.03 (-0.05, 0.12)	0.000	0.861	0.053	0.035	0.137	0.05 (-0.02, 0.12)	0.043	0.042	0.309	0.04 (-0.04, 0.13)
7713_102	FMR1	FMR1	226	0.023	0.018	0.203	0.02 (-0.01, 0.06)	0.596	0.843	-0.004	0.036	0.907	-4.26e-03 (-0.08, 0.07)	0.002	0.389	-0.018	0.034	0.594	-0.02 (-0.08, 0.05)	-0.016	0.037	0.666	-0.02 (-0.09, 0.06)
7983_1	PCDHGC5	PCDGM	226	0.025	0.019	0.204	0.02 (-0.01, 0.06)	0.596	0.231	0.026	0.040	0.515	0.03 (-0.05, 0.11)	0.000	0.960	0.047	0.038	0.221	0.05 (-0.03, 0.12)	0.047	0.042	0.260	0.05 (-0.03, 0.13)
8017_23	FOXRED1	FXRD1	226	0.025	0.020	0.204	0.02 (-0.01, 0.06)	0.596	0.196	0.026	0.041	0.534	0.03 (-0.05, 0.11)	0.000	0.985	0.058	0.039	0.133	0.06 (-0.02, 0.13)	0.041	0.041	0.320	0.04 (-0.04, 0.12)
9778_45	TMEM52B	TM52B	226	0.024	0.019	0.204	0.02 (-0.01, 0.06)	0.596	0.814	0.072	0.039	0.065	0.07 (-4.17e-03, 0.15)	-0.003	0.161	0.038	0.038	0.321	0.04 (-0.04, 0.11)	0.029	0.041	0.480	0.03 (-0.05, 0.11)
19206_20	NUDT1	8ODP	226	0.024	0.019	0.205	0.02 (-0.01, 0.06)	0.597	0.260	0.005	0.039	0.900	4.95e-03 (-0.07, 0.08)	0.001	0.577	0.056	0.035	0.111	0.06 (-0.01, 0.12)	0.049	0.036	0.167	0.05 (-0.02, 0.12)
5253_1	PDE1A	PDE1A	226	0.023	0.018	0.205	0.02 (-0.01, 0.06)	0.598	0.432	0.018	0.037	0.634	0.02 (-0.06, 0.09)	0.000	0.867	-0.019	0.031	0.542	-0.02 (-0.08, 0.04)	-0.044	0.043	0.302	-0.04 (-0.13, 0.04)
15617_8	XCL2	lymphotacti	226	0.023	0.018	0.206	0.02 (-0.01, 0.06)	0.599	0.113	0.044	0.039	0.255	0.04 (-0.03, 0.12)	-0.001	0.529	0.007	0.040	0.856	0.01 (-0.07, 0.09)	-0.002	0.042	0.964	-1.88e-03 (-0.08, 0.08)
10036_201	ZHX3	ZHX3	226	0.027	0.021	0.206	0.03 (-0.01, 0.07)	0.600	0.003	-0.048	0.043	0.265	-0.05 (-0.13, 0.04)	0.005	0.045	0.011	0.035	0.757	0.01 (-0.06, 0.08)	0.019	0.038	0.613	0.02 (-0.05, 0.09)
11130_158	CACNB4	CACB4	226	0.023	0.018	0.207	0.02 (-0.01, 0.06)	0.600	0.276	-0.006	0.038	0.878	-0.01 (-0.08, 0.07)	0.002	0.380	0.005	0.030	0.861	0.01 (-0.05, 0.06)	-0.035	0.041	0.398	-0.03 (-0.11, 0.05)
12568_14	KEAP1	KEAP1	226	-0.025	0.020	0.206	-0.02 (-0.06, 0.01)	0.600	0.151	-0.001	0.041	0.989	-5.62e-04 (-0.08, 0.08)	-0.002	0.501	-0.064	0.035	0.063	-0.06 (-0.13, 3.49e-	-0.077	0.043	0.074	-0.08 (-0.16, 0.01)
13748_4	CCL8	MCP-2	226	-0.027	0.021	0.207	-0.03 (-0.07, 0.01)	0.600	0.038	-0.059	0.043	0.165	-0.06 (-0.14, 0.02)	0.002	0.378	-0.058	0.040	0.150	-0.06 (-0.14, 0.02)	-0.050	0.040	0.214	-0.05 (-0.13, 0.03)
17326_44	DUSP23	DUS23	226	0.024	0.019	0.207	0.02 (-0.01, 0.06)	0.600	0.841	0.034	0.039	0.377	0.03 (-0.04, 0.11)	-0.001	0.766	0.038	0.037	0.303	0.04 (-0.03, 0.11)	0.032	0.039	0.421	0.03 (-0.05, 0.11)
17350_13	CHMP2B	CHM2B	226	0.023	0.018	0.206	0.02 (-0.01, 0.06)	0.600	0.208	0.034	0.038	0.367	0.03 (-0.04, 0.11)	-0.001	0.729	-0.001	0.036	0.970	-1.33e-03 (-0.07, 0.	0.033	0.042	0.436	0.03 (-0.05, 0.11)
2975_19	CTGF	CTGF	226	0.023	0.018	0.207	0.02 (-0.01, 0.06)	0.600	0.291	0.015	0.038	0.691	0.02 (-0.06, 0.09)	0.001	0.807	0.025	0.031	0.423	0.02 (-0.04, 0.09)	0.023	0.042	0.594	0.02 (-0.06, 0.11)
5915_58	PEX5	PEX5	226	-0.024	0.019	0.207	-0.02 (-0.06, 0.01)	0.600	0.461	-0.014	0.039	0.728	-0.01 (-0.09, 0.06)	-0.001	0.752	0.012	0.037	0.735	0.01 (-0.06, 0.08)	-0.002	0.040	0.961	-1.96e-03 (-0.08, 0.08)
8229_1	GXYLT1	GXLT1	226	-0.026	0.021	0.207	-0.03 (-0.07, 0.01)	0.600	0.034	0.008	0.042	0.841	0.01 (-0.07, 0.09)	-0.002	0.342	-0.025	0.040	0.536	-0.02 (-0.10, 0.05)	-0.033	0.043	0.439	-0.03 (-0.12, 0.05)
9579_59	PRRG4	TMG4	226	-0.025	0.019	0.207	-0.02 (-0.06, 0.01)	0.600	0.512	-0.051	0.039	0.196	-0.05 (-0.13, 0.03)	0.002	0.441	-0.038	0.040	0.340	-0.04 (-0.12, 0.04)	-0.036	0.040	0.366	-0.04 (-0.12, 0.04)
15626_223	HSPG2	Perlecan	226	-0.029	0.023	0.208	-0.03 (-0.07, 0.02)	0.600	2.21E-04	0.077	0.045	0.089	0.08 (-0.01, 0.17)	-0.007	0.007	0.006	0.040	0.887	0.01 (-0.07, 0.08)	0.018	0.041	0.661	0.02 (-0.06, 0.10)
3290_50	CD109	CD109	226	0.024	0.019	0.208	0.02 (-0.01, 0.06)	0.600	0.073	0.048	0.042	0.256	0.05 (-0.03, 0.13)	-0.001	0.525	0.029	0.040	0.461	0.03 (-0.05, 0.11)	0.029	0.043	0.495	0.03 (-0.05, 0.11)
3822_54	MAPKAPK3	MAPKAPK3	226	0.023	0.018	0.208	0.02 (-0.01, 0.06)	0.600	0.535	0.023	0.036	0.532	0.02 (-0.05, 0.09)	0.000	1.000	0.014	0.029	0.635	0.01 (-0.04, 0.07)	0.001	0.039	0.973	1.33e-03 (-0.07, 0.08)
5028_59	CD163	sCD163	226	0.027	0.021	0.208	0.03 (-0.02, 0.07)	0.600	0.010	-0.011	0.043	0.805	-0.01 (-0.10, 0.07)	0.002	0.315	-0.039	0.035	0.260	-0.04 (-0.11, 0.03)	-0.032	0.041	0.438	-0.03 (-0.11, 0.05)
4237_70	LCMT1	LCMT1	226	0.024	0.019	0.208	0.02 (-0.01, 0.06)	0.600	0.344	0.046	0.039	0.232	0.05 (-0.03, 0.12)	-0.001	0.501	0.019	0.040	0.632	0.02 (-0.06, 0.10)	0.033	0.039	0.406	0.03 (-0.04, 0.11)
3685_53	MFRP	MFRP	226	0.024	0.019	0.208	0.02 (-0.01, 0.06)	0.600	0.046	0.050	0.039	0.207	0.05 (-0.03, 0.13)	-0.002	0.462	-0.011	0.033	0.749	-0.01 (-0.08, 0.05)	0.002	0.039	0.965	1.72e-03 (-0.07, 0.08)
4314_12	DCTPP1	XTP3A	226	-0.027	0.021	0.208	-0.03 (-0.07, 0.02)	0.600	0.001	0.040	0.043	0.352	0.04 (-0.04, 0.12)	-0.004	0.074	-0.015	0.033	0.663	-0.01 (-0.08, 0.05)	0.004	0.045	0.930	3.96e-03 (-0.08, 0.09)
8828_21	ESRP1	ESRP1	226	0.025	0.020	0.208	0.02 (-0.01, 0.06)	0.601	0.689	0.096	0.039	0.016	0.10 (0.02, 0.17)	-0.004	0.038	0.048	0.040	0.227	0.05 (-0.03, 0.13)	0.011	0.041	0.791	0.01 (-0.07, 0.09)
7141_21	MGAT4B	MGT4B	226	-0.023	0.019	0.209	-0.02 (-0.06, 0.01)	0.602	0.055	0.017	0.040	0.672	0.02 (-0.06, 0.10)	-0.003	0.249	0.026	0.033	0.440	0.03 (-0.04, 0.09)	0.025	0.042	0.559	0.02 (-0.06, 0.11)
19558_10	LRP4	LRP4	226	-0.024	0.019	0.209	-0.02 (-0.06, 0.01)	0.602	0.374	0.008	0.038	0.839	0.01 (-0.07, 0.08)	-0.002	0.347	-0.027	0.041	0.506	-0.03 (-0.11, 0.05)	-0.054	0.037	0.151	-0.05 (-0.13, 0.02)
12498_12	TAX1BP3	TX1B3	226	0.023	0.018	0.209	0.02 (-0.01, 0.06)	0.602	0.325	-0.005	0.038	0.891	-0.01 (-0.08, 0.07)	0.002	0.390	-0.032	0.035	0.355	-0.03 (-0.10, 0.04)	-0.017	0.039	0.656	-0.02 (-0.09, 0.06)
8962_48	RPS6KB1	KS6B1	226	0.024	0.019	0.210	0.02 (-0.01, 0.06)	0.603	0.094	0.000	0.042	0.997	-1.58e-04 (-0.08, 0.08)	0.002	0.497	0.049	0.037	0.188	0.05 (-0.02, 0.12)	0.043	0.043	0.320	0.04 (-0.04, 0.13)
10432_3	KIAA1644	K1644	226	-0.024	0.019	0.210	-0.02 (-0.06, 0.01)	0.603	0.531	0.003	0.039	0.938	3.02e-03 (-0.07, 0.08)	-0.002	0.421	0.015	0.036	0.680	0.01 (-0.06, 0.09)	0.004	0.041	0.914	4.47e-03 (-0.08, 0.08)
4423_77	BCL2L1	BCL2-like 1	226	0.024	0.019	0.210	0.02 (-0.01, 0.06)	0.603	0.395	-0.013	0.040	0.750	-0.01 (-0.09, 0.06)	0.002	0.282	-0.020	0.038	0.604	-0.02 (-0.09, 0.05)	-0.016	0.042	0.706	-0.02 (-0.10, 0.07)
13131_5	HK1	HXK1	226	0.027	0.022	0.210	0.03 (-0.02, 0.07)	0.603	0.008	-0.021	0.044	0.627	-0.02 (-0.11, 0.06)	0.003	0.202	0.033	0.043	0.444	0.03 (-0.05, 0.12)	0.003	0.039	0.946	2.70e-03 (-0.07, 0.08)
6366_38	TXNDC15	TXD15	226	0.024	0.019	0.210	0.02 (-0.01, 0.06)	0.603	0.755	0.052	0.039	0.185	0.05 (-0.02, 0.13)	-0.002	0.416	0.047	0.040	0.244	0.05 (-0.03, 0.13)	0.065	0.041	0.114	0.07 (-0.02, 0.15)
12513_8	GLTP	GLTP	226	0.024	0.019	0.211	0.02 (-0.01, 0.06)	0.604	0.782	-0.062	0.039	0.111	-0.06 (-0.14, 0.01)	0.005	0.011	-0.021	0.034	0.535	-0.02 (-0.09, 0.05)	-0.021	0.038	0.587	-0.02 (-0.10, 0.05)
16919_1	DBI	ACBP	226	0.022	0.018	0.211	0.02 (-0.01, 0.06)	0.604	0.382	0.004	0.036	0.920	3.62e-03 (-0.07, 0.07)	0.001	0.556	-0.024	0.032	0.442	-0.02 (-0.09, 0.04)	-0.007	0.038	0.855	-0.01 (-0.08, 0.07)
15553_22	ACHE	ACES	226	-0.024	0.019	0.211	-0.02 (-0.06, 0.01)	0.605	0.611	-0.013	0.039	0.735	-0.01 (-0.09, 0.06)	-0.001	0.746	0.005	0.035	0.887	4.99e-03 (-0.06, 0.0	-0.006	0.048	0.897	-0.01 (-0.10, 0.09)
2211_9	TIMP1	TIMP-1	226	-0.023	0.019	0.212	-0.02 (-0.06, 0.01)	0.606	0.373	0.005	0.038	0.889	0.01 (-0.07, 0.08)	-0.002	0.388	0.017	0.034	0.627	0.02 (-0.05, 0.08)	0.013	0.038	0.743	0.01 (-0.06, 0.09)
14246_50	DOK2	DOK2	226	0.023	0.018	0.213	0.02 (-0.01, 0.06)	0.606	0.269	-0.006	0.037	0.871	-0.01 (-0.08, 0.07)	0.002	0.380	0.000	0.030	0.992	-3.10e-04 (-0.06, 0.	-0.012	0.040	0.773	-0.01 (-0.09, 0.07)
19193_18	VBP1	PFD3	226	-0.025	0.020	0.213	-0.02 (-0.06, 0.01)	0.606	0.026	0.006	0.040	0.885	0.01 (-0.07, 0.08)	-0.002	0.380	0.020	0.036	0.589	0.02 (-0.05, 0.09)	0.008	0.041	0.855	0.01 (-0.07, 0.09)
19237_17	DDT	D-dopachro	226	0.024	0.020	0.212	0.02 (-0.01, 0.06)	0.606	0.144	0.012	0.042	0.770	0.01 (-0.07, 0.09)	0.001	0.733	0.022	0.037	0.557	0.02 (-0.05, 0.09)	0.037	0.039	0.333	0.04 (-0.04, 0.11)
19332_1	MOBKL3	MOBL3	226	0.038	0.030	0.213	0.04 (-0.02, 0.10)	0.606	3.12E-40	0.017	0.061	0.778	0.02 (-0.10, 0.14)	0.001	0.699	-0.007	0.038	0.854	-0.01 (-0.08, 0.07)	-0.007	0.039	0.864	-0.01 (-0.08, 0.07)
6296_36	OIT3	OIT3	226	0.024	0.019	0.212	0.02 (-0.01, 0.06)	0.606	0.173	0.027	0.040	0.506	0.03 (-0.05, 0.11)	0.000	0.932	0.000	0.036	0.998	8.75e-05 (-0.07, 0.0	0.018	0.041	0.663	0.02 (-0.06, 0.10)
9474_22	ASGR2	ASGR2	226	-0.024	0.019	0.213	-0.02 (-0.06, 0.01)	0.606	0.175	-0.014	0.041	0.738	-0.01 (-0.09, 0.07)	-0.001	0.767	-0.003	0.036	0.929	-3.23e-03 (-0.07, 0.	-0.014	0.047	0.770	-0.01 (-0.10, 0.08)
9835_16	ALDH1A3	AL1A3	226	0.023	0.018	0.212	0.02 (-0.01, 0.06)	0.606	0.172	0.002	0.038	0.948	2.49e-03 (-0.07, 0.08)	0.001	0.543	0.008	0.039	0.830	0.01 (-0.07, 0.08)	0.013	0.039	0.738	0.01 (-0.06, 0.09)
12034_28	CAP1	CAP 1	226	0.024	0.020	0.213	0.02 (-0.01, 0.06)	0.606	0.934	0.010	0.039	0.799	0.01 (-0.07, 0.09)	0.001	0.676	0.007	0.038	0.852	0.01 (-0.07, 0.08)	0.018	0.038	0.643	0.02 (-0.06, 0.09)
10832_24	B4GALT6	B4GT6	226	-0.022	0.018	0.213	-0.02 (-0.06, 0.01)	0.606	0.094	0.025	0.038	0.516	0.02 (-0.05, 0.10)	-0.003	0.156	0.001	0.034	0.980	8.77e-04 (-0.07, 0.0	-0.004	0.036	0.907	-4.22e-03 (-0.07, 0.07)
6495_14	EDN1	Endothelin	226	-0.024	0.019	0.213	-0.02 (-0.06, 0.01)	0.606	0.099	0.005	0.041	0.898	0.01 (-0.07, 0.09)	-0.002	0.413	-0.006	0.041	0.885	-0.01 (-0.09, 0.08)	-0.005	0.043	0.912	-4.78e-03 (-0.09, 0.08)
8094_20	CISD2	CISD2	226	0.024	0.019	0.213	0.02 (-0.01, 0.06)	0.606	0.472	0.033	0.038	0.389	0.03 (-0.04, 0.11)	-0.001	0.777	0.032	0.039	0.419	0.03 (-0.05, 0.11)	0.047	0.042	0.258	0.05 (-0.03, 0.13)
11161_5	SPG20	SPG20	226	0.022	0.018	0.214	0.02 (-0.01, 0.06)	0.608	0.625	0.022	0.036	0.542	0.02 (-0.05, 0.09)	0.000	0.994	-0.002	0.031	0.941	-2.33e-03 (-0.06, 0.	0.006	0.038	0.865	0.01 (-0.07, 0.08)
19180_38	GULP1	GULP1	226	0.026	0.021	0.215	0.03 (-0.02, 0.07)	0.609	0.041	-0.008	0.042	0.849	-0.01 (-0.09, 0.07)	0.002	0.354	0.012	0.041	0.770	0.01 (-0.07, 0.09)	-0.008	0.045	0.864	-0.01 (-0.10, 0.08)
4467_49	SPARCL1	SPARCL1	226	-0.026	0.021	0.215	-0.03 (-0.07, 0.02)	0.610	0.005	0.015	0.043	0.733	0.01 (-0.07, 0.10)	-0.003	0.271	-0.008	0.031	0.788	-0.01 (-0.07, 0.05)	0.015	0.043	0.719	0.02 (-0.07, 0.10)
5007_1	MAPK14	MAPK14	226	0.022	0.018	0.215	0.02 (-0.01, 0.06)	0.610	0.570	-0.005	0.035	0.894	-4.71e-03 (-0.07, 0.06)	0.002	0.389	-0.039	0.030	0.202	-0.04 (-0.10, 0.02)	-0.040	0.038	0.293	-0.04 (-0.11, 0.03)
10356_21	JUN	c-Jun	226	0.024	0.020	0.215	0.02 (-0.01, 0.06)	0.611	0.217	-0.010	0.041	0.811	-0.01 (-0.09, 0.07)	0.002	0.338	0.024	0.041	0.553	0.02 (-0.06, 0.10)	-0.009	0.044	0.836	-0.01 (-0.10, 0.08)
3723_1	NPPB	BNP-32	226	0.023	0.018	0.216	0.02 (-0.01, 0.06)	0.611	0.067	0.015	0.040	0.707	0.01 (-0.06, 0.09)	0.000	0.821	0.006	0.031	0.858	0.01 (-0.05, 0.07)	-0.013	0.041	0.751	-0.01 (-0.09, 0.07)
13011_20	RPS10	RS10	226	0.027	0.022	0.216	0.03 (-0.02, 0.07)	0.611	0.012	-0.017	0.043	0.699	-0.02 (-0.10, 0.07)	0.003	0.250	0.011	0.040	0.789	0.01 (-0.07, 0.09)	0.009	0.045	0.844	0.01 (-0.08, 0.10)
19364_163	PCNA	PCNA	226	0.025	0.020	0.216	0.03 (-0.01, 0.06)	0.611	0.009	0.024	0.041	0.552	0.02 (-0.06, 0.10)	0.000	0.984	-0.019	0.032	0.563	-0.02 (-0.08, 0.04)	-0.015	0.042	0.723	-0.02 (-0.10, 0.07)
5355_69	TNFSF14	LIGHT	226	-0.024	0.019	0.216	-0.02 (-0.06, 0.01)	0.611	0.978	-0.022	0.038	0.559	-0.02 (-0.10, 0.05)	0.000	0.974	-0.035	0.037	0.336	-0.04 (-0.11, 0.04)	-0.019	0.042	0.645	-0.02 (-0.10, 0.06)
7184_13	CEACAM7	CEAM7	226	-0.024	0.019	0.216	-0.02 (-0.06, 0.01)	0.611	0.623	-0.040	0.038	0.303	-0.04 (-0.12, 0.04)	0.001	0.631	-0.033	0.038	0.385	-0.03 (-0.11, 0.04)	-0.046	0.038	0.232	-0.05 (-0.12, 0.03)
12704_26	SH2D3C	SH2D3	226	0.026	0.021	0.216	0.03 (-0.02, 0.07)	0.612	0.001	0.003	0.043	0.952	2.59e-03 (-0.08, 0.09)	0.001	0.525	0.012	0.038	0.756	0.01 (-0.06, 0.09)	0.035	0.041	0.403	0.03 (-0.05, 0.12)
16823_75	APOL3	APOL3	226	-0.024	0.019	0.217	-0.02 (-0.06, 0.01)	0.612	0.066	0.056	0.041	0.172	0.06 (-0.02, 0.14)	-0.005	0.026	-0.004	0.043	0.932	-3.67e-03 (-0.09, 0.	-0.014	0.043	0.749	-0.01 (-0.10, 0.07)
4498_62	NCAM1	NCAM-120	226	-0.028	0.022	0.217	-0.03 (-0.07, 0.02)	0.612	0.001	0.056	0.045	0.211	0.06 (-0.03, 0.14)	-0.005	0.032	-0.034	0.037	0.357	-0.03 (-0.11, 0.04)	-0.034	0.038	0.375	-0.03 (-0.11, 0.04)
15370_5	BOLA1	BOLA1	226	0.031	0.025	0.217	0.03 (-0.02, 0.08)	0.613	1.73E-11	0.033	0.050	0.505	0.03 (-0.06, 0.13)	0.000	0.949	0.019	0.032	0.556	0.02 (-0.04, 0.08)	-0.006	0.042	0.896	-0.01 (-0.09, 0.08)
14284_23	EIF2AK4	E2AK4	226	0.024	0.020	0.218	0.02 (-0.01, 0.06)	0.615	0.937	0.021	0.039	0.603	0.02 (-0.06, 0.10)	0.000	0.917	-0.009	0.038	0.807	-0.01 (-0.08, 0.06)	0.013	0.044	0.772	0.01 (-0.07, 0.10)
5358_3	OMD	OMD	226	-0.026	0.021	0.219	-0.03 (-0.07, 0.02)	0.617	0.025	0.043	0.042	0.309	0.04 (-0.04, 0.13)	-0.004	0.061	0.001	0.038	0.973	1.28e-03 (-0.07, 0.0	-0.006	0.041	0.875	-0.01 (-0.09, 0.07)
6237_11	FGFRL1	FGRL1	226	-0.024	0.019	0.219	-0.02 (-0.06, 0.01)	0.617	0.835	-0.020	0.039	0.612	-0.02 (-0.10, 0.06)	0.000	0.906	-0.050	0.038	0.193	-0.05 (-0.12, 0.02)	-0.071	0.040	0.082	-0.07 (-0.15, 0.01)
13729_26	SFXN5	SFXN5	226	0.024	0.019	0.220	0.02 (-0.01, 0.06)	0.618	0.237	0.017	0.040	0.678	0.02 (-0.06, 0.10)	0.000	0.843	0.045	0.040	0.257	0.04 (-0.03, 0.12)	0.047	0.042	0.265	0.05 (-0.04, 0.13)
9283_8	CD44	CD44	226	-0.024	0.019	0.220	-0.02 (-0.06, 0.01)	0.618	0.569	0.022	0.039	0.582	0.02 (-0.06, 0.10)	-0.003	0.182	0.025	0.032	0.441	0.02 (-0.04, 0.09)	0.027	0.042	0.524	0.03 (-0.06, 0.11)
11242_33	TGM1	TGM1	226	-0.023	0.019	0.223	-0.02 (-0.06, 0.01)	0.619	0.094	0.002	0.041	0.957	2.19e-03 (-0.08, 0.08)	-0.002	0.473	0.024	0.031	0.441	0.02 (-0.04, 0.09)	0.040	0.047	0.397	0.04 (-0.05, 0.13)
11375_49	FOXL2	FOXL2	226	0.024	0.020	0.221	0.02 (-0.01, 0.06)	0.619	0.143	0.016	0.041	0.701	0.02 (-0.07, 0.10)	0.001	0.823	0.073	0.036	0.043	0.07 (2.24e-03, 0.1	0.072	0.040	0.071	0.07 (-0.01, 0.15)
11988_24	PTPRH	PTPRH	226	0.024	0.019	0.222	0.02 (-0.01, 0.06)	0.619	0.377	-0.051	0.039	0.197	-0.05 (-0.13, 0.03)	0.005	0.030	-0.016	0.034	0.632	-0.02 (-0.08, 0.05)	-0.029	0.038	0.434	-0.03 (-0.10, 0.04)
12534_10	CALCOCO2	CACO2	226	0.024	0.019	0.221	0.02 (-0.01, 0.06)	0.619	0.293	-0.005	0.040	0.910	-4.53e-03 (-0.08, 0.07)	0.002	0.416	-0.008	0.040	0.841	-0.01 (-0.09, 0.07)	-0.004	0.042	0.931	-3.63e-03 (-0.09, 0.08)
12593_33	PDRG1	PDRG1	226	0.022	0.018	0.221	0.02 (-0.01, 0.06)	0.619	0.260	0.008	0.038	0.825	0.01 (-0.07, 0.08)	0.001	0.673	-0.022	0.032	0.500	-0.02 (-0.09, 0.04)	-0.014	0.036	0.689	-0.01 (-0.08, 0.06)
12779_30	PRDM4	PRDM4	226	0.023	0.019	0.222	0.02 (-0.01, 0.06)	0.619	0.200	0.021	0.039	0.595	0.02 (-0.06, 0.10)	0.000	0.954	-0.016	0.030	0.610	-0.02 (-0.08, 0.04)	-0.017	0.042	0.685	-0.02 (-0.10, 0.07)
13577_25	U2AF2	U2AF2	226	-0.024	0.020	0.220	-0.02 (-0.06, 0.01)	0.619	0.095	0.018	0.042	0.668	0.02 (-0.06, 0.10)	-0.003	0.249	0.004	0.038	0.908	4.42e-03 (-0.07, 0.0	-0.015	0.039	0.711	-0.01 (-0.09, 0.06)
13602_6	NHP2L1	NH2L1	226	0.023	0.019	0.221	0.02 (-0.01, 0.06)	0.619	0.518	0.003	0.038	0.940	2.81e-03 (-0.07, 0.08)	0.001	0.540	-0.006	0.037	0.881	-0.01 (-0.08, 0.07)	-0.001	0.038	0.970	-1.42e-03 (-0.08, 0.07)
15607_56	PKLR	KPYR	226	-0.024	0.019	0.222	-0.02 (-0.06, 0.01)	0.619	0.273	0.003	0.040	0.938	3.12e-03 (-0.08, 0.08)	-0.002	0.443	-0.032	0.041	0.442	-0.03 (-0.11, 0.05)	-0.003	0.044	0.939	-3.36e-03 (-0.09, 0.08)
17505_125	NAALADL1	NALDL	226	0.029	0.024	0.223	0.03 (-0.02, 0.08)	0.619	2.60E-06	-0.032	0.048	0.507	-0.03 (-0.13, 0.06)	0.004	0.144	0.058	0.041	0.161	0.06 (-0.02, 0.14)	0.052	0.046	0.258	0.05 (-0.04, 0.14)
17683_2	COMMD9	COMD9	226	0.022	0.018	0.221	0.02 (-0.01, 0.06)	0.619	0.829	0.021	0.036	0.560	0.02 (-0.05, 0.09)	0.000	0.978	-0.007	0.031	0.823	-0.01 (-0.07, 0.05)	-0.006	0.037	0.877	-0.01 (-0.08, 0.07)
18160_2	PCMT1	PIMT	226	-0.023	0.019	0.223	-0.02 (-0.06, 0.01)	0.619	0.228	-0.072	0.038	0.061	-0.07 (-0.15, 2.94e-03)	0.003	0.137	-0.051	0.034	0.140	-0.05 (-0.12, 0.02)	-0.062	0.041	0.135	-0.06 (-0.14, 0.02)
18932_84	NMNAT1	NMNA1	226	0.024	0.020	0.222	0.02 (-0.01, 0.06)	0.619	0.850	0.037	0.039	0.354	0.04 (-0.04, 0.11)	-0.001	0.711	0.045	0.036	0.215	0.05 (-0.03, 0.12)	0.044	0.043	0.306	0.04 (-0.04, 0.13)
2480_58	TIMP3	TIMP-3	226	0.026	0.021	0.223	0.03 (-0.02, 0.07)	0.619	0.017	0.015	0.043	0.727	0.01 (-0.07, 0.10)	0.001	0.770	-0.017	0.036	0.645	-0.02 (-0.09, 0.05)	-0.011	0.041	0.791	-0.01 (-0.09, 0.07)
2844_53	TIE1	sTie-1	226	0.062	0.051	0.221	0.06 (-0.04, 0.16)	0.619	7.19E-206	0.064	0.103	0.534	0.06 (-0.14, 0.27)	0.000	0.984	-0.017	0.039	0.658	-0.02 (-0.09, 0.06)	-0.017	0.042	0.683	-0.02 (-0.10, 0.07)
3022_4	CTLA4	CTLA-4	226	-0.023	0.019	0.223	-0.02 (-0.06, 0.01)	0.619	0.317	0.018	0.039	0.644	0.02 (-0.06, 0.09)	-0.003	0.225	-0.002	0.040	0.962	-1.89e-03 (-0.08, 0.	0.005	0.044	0.917	4.56e-03 (-0.08, 0.09)
3181_50	CTSS	Cathepsin	226	-0.022	0.018	0.223	-0.02 (-0.06, 0.01)	0.619	0.145	-0.024	0.039	0.544	-0.02 (-0.10, 0.05)	0.000	0.972	-0.027	0.037	0.459	-0.03 (-0.10, 0.04)	-0.049	0.038	0.206	-0.05 (-0.12, 0.03)
3889_64	LMNB1	Lamin-B1	226	0.022	0.018	0.222	0.02 (-0.01, 0.06)	0.619	0.223	0.002	0.038	0.961	1.87e-03 (-0.07, 0.08)	0.001	0.537	-0.024	0.033	0.478	-0.02 (-0.09, 0.04)	-0.007	0.040	0.856	-0.01 (-0.09, 0.07)
5096_51	KIR3DL2	KI3L2	226	-0.024	0.019	0.222	-0.02 (-0.06, 0.01)	0.619	0.371	0.026	0.039	0.502	0.03 (-0.05, 0.10)	-0.003	0.144	-0.007	0.039	0.855	-0.01 (-0.08, 0.07)	-0.035	0.041	0.399	-0.03 (-0.12, 0.05)
5661_15	IL18	IL-18	226	0.024	0.019	0.222	0.02 (-0.01, 0.06)	0.619	0.700	-0.035	0.039	0.369	-0.03 (-0.11, 0.04)	0.004	0.084	-0.004	0.040	0.923	-3.93e-03 (-0.08, 0.	-0.005	0.043	0.901	-0.01 (-0.09, 0.08)
6415_90	CPN2	CPN2	226	0.026	0.022	0.223	0.03 (-0.02, 0.07)	0.619	0.009	0.045	0.044	0.309	0.04 (-0.04, 0.13)	-0.001	0.632	-0.002	0.037	0.966	-1.56e-03 (-0.07, 0.	0.023	0.041	0.575	0.02 (-0.06, 0.10)
7748_11	NDUFV2	NDUV2	226	0.022	0.018	0.221	0.02 (-0.01, 0.06)	0.619	0.099	-0.004	0.039	0.927	-3.58e-03 (-0.08, 0.07)	0.002	0.444	-0.018	0.035	0.615	-0.02 (-0.09, 0.05)	-0.026	0.039	0.503	-0.03 (-0.10, 0.05)
7888_58	COA3	CCD56	226	0.024	0.020	0.223	0.02 (-0.01, 0.06)	0.619	0.102	-0.002	0.042	0.956	-2.29e-03 (-0.08, 0.08)	0.002	0.472	-0.018	0.038	0.645	-0.02 (-0.09, 0.06)	-0.004	0.046	0.926	-4.29e-03 (-0.09, 0.09)
8081_55	PLD5	PLD5	226	-0.024	0.019	0.220	-0.02 (-0.06, 0.01)	0.619	0.578	0.022	0.039	0.575	0.02 (-0.05, 0.10)	-0.003	0.179	0.026	0.032	0.410	0.03 (-0.04, 0.09)	0.060	0.045	0.183	0.06 (-0.03, 0.15)
8363_18	KIAA1324L	K132L	226	-0.023	0.019	0.223	-0.02 (-0.06, 0.01)	0.619	0.429	0.022	0.039	0.574	0.02 (-0.05, 0.10)	-0.003	0.180	0.012	0.034	0.727	0.01 (-0.06, 0.08)	0.011	0.038	0.784	0.01 (-0.06, 0.09)
17513_11	ANXA11	ANX11	226	-0.023	0.019	0.224	-0.02 (-0.06, 0.01)	0.620	0.788	-0.016	0.039	0.683	-0.02 (-0.09, 0.06)	0.000	0.822	-0.059	0.036	0.101	-0.06 (-0.13, 0.01)	-0.060	0.039	0.127	-0.06 (-0.14, 0.02)
5106_52	NOTCH2	NOTC2	226	-0.024	0.019	0.224	-0.02 (-0.06, 0.01)	0.620	0.395	-0.017	0.040	0.665	-0.02 (-0.10, 0.06)	0.000	0.852	-0.044	0.041	0.287	-0.04 (-0.12, 0.04)	-0.061	0.047	0.198	-0.06 (-0.15, 0.03)
10560_1	ITM2C	ITM2C	226	0.023	0.019	0.224	0.02 (-0.01, 0.06)	0.620	0.330	0.021	0.040	0.601	0.02 (-0.06, 0.10)	0.000	0.938	0.000	0.036	0.995	2.11e-04 (-0.07, 0.0	0.038	0.041	0.352	0.04 (-0.04, 0.12)
14326_4	UBE2E1	UB2E1	226	0.022	0.018	0.224	0.02 (-0.01, 0.06)	0.620	0.562	-0.014	0.037	0.702	-0.01 (-0.09, 0.06)	0.002	0.257	-0.021	0.030	0.496	-0.02 (-0.08, 0.04)	-0.045	0.040	0.254	-0.05 (-0.12, 0.03)
5763_67	DEFB104A	HBD-4	226	-0.016	0.013	0.224	-0.02 (-0.04, 0.01)	0.620	0.179	0.026	0.027	0.352	0.03 (-0.03, 0.08)	-0.003	0.083	-0.003	0.025	0.913	-2.74e-03 (-0.05, 0.	-0.013	0.026	0.609	-0.01 (-0.06, 0.04)
8107_12	TMEM234	TM234	226	-0.024	0.020	0.224	-0.02 (-0.06, 0.01)	0.620	0.736	-0.023	0.039	0.566	-0.02 (-0.10, 0.05)	0.000	0.973	-0.022	0.041	0.592	-0.02 (-0.10, 0.06)	-0.005	0.042	0.913	-4.62e-03 (-0.09, 0.08)
17195_43	BAG1	BAG-1	226	0.022	0.018	0.225	0.02 (-0.01, 0.06)	0.620	0.533	0.025	0.036	0.483	0.03 (-0.05, 0.10)	0.000	0.908	-0.008	0.029	0.773	-0.01 (-0.07, 0.05)	-0.027	0.042	0.518	-0.03 (-0.11, 0.06)
12341_8	DUSP6	DUS6	226	0.023	0.019	0.225	0.02 (-0.01, 0.06)	0.620	0.568	0.005	0.038	0.893	0.01 (-0.07, 0.08)	0.001	0.590	-0.007	0.032	0.834	-0.01 (-0.07, 0.06)	-0.009	0.037	0.807	-0.01 (-0.08, 0.06)
12518_289	PBRM1	PB1	226	0.022	0.018	0.225	0.02 (-0.01, 0.06)	0.620	0.233	0.023	0.038	0.554	0.02 (-0.05, 0.10)	0.000	0.990	0.019	0.039	0.621	0.02 (-0.06, 0.09)	0.014	0.040	0.727	0.01 (-0.06, 0.09)
17200_50	KIR2DL1	KI2L1	226	0.024	0.020	0.225	0.02 (-0.01, 0.06)	0.620	0.070	-0.022	0.042	0.600	-0.02 (-0.10, 0.06)	0.003	0.211	0.024	0.041	0.558	0.02 (-0.06, 0.10)	0.038	0.040	0.345	0.04 (-0.04, 0.12)
4978_54	DBNL	DBNL	226	0.022	0.018	0.225	0.02 (-0.01, 0.06)	0.620	0.926	0.034	0.036	0.345	0.03 (-0.04, 0.10)	-0.001	0.693	-0.004	0.031	0.901	-3.89e-03 (-0.07, 0.	0.015	0.037	0.696	0.01 (-0.06, 0.09)
18329_4	PRPS2	PRPS2	226	-0.022	0.018	0.225	-0.02 (-0.06, 0.01)	0.621	0.231	0.001	0.038	0.989	5.26e-04 (-0.07, 0.08)	-0.001	0.494	-0.025	0.038	0.517	-0.02 (-0.10, 0.05)	-0.014	0.041	0.745	-0.01 (-0.09, 0.07)
19116_1	MUTED	MUTED	226	0.026	0.022	0.225	0.03 (-0.02, 0.07)	0.621	0.003	0.026	0.044	0.553	0.03 (-0.06, 0.11)	0.000	0.995	0.033	0.034	0.336	0.03 (-0.03, 0.10)	0.026	0.041	0.523	0.03 (-0.05, 0.11)
13484_69	COL1A1	CO1A1	226	0.024	0.020	0.227	0.02 (-0.01, 0.06)	0.621	0.871	-0.006	0.039	0.873	-0.01 (-0.08, 0.07)	0.002	0.382	0.010	0.042	0.817	0.01 (-0.07, 0.09)	-0.002	0.045	0.973	-1.51e-03 (-0.09, 0.09)
13948_50	GABBR2	GABR2	226	-0.024	0.020	0.226	-0.02 (-0.06, 0.01)	0.621	0.486	-0.034	0.039	0.382	-0.03 (-0.11, 0.04)	0.001	0.751	-0.006	0.036	0.870	-0.01 (-0.08, 0.06)	-0.030	0.043	0.492	-0.03 (-0.11, 0.05)
15313_28	MAD2L1	MD2L1	226	0.024	0.020	0.227	0.02 (-0.01, 0.06)	0.621	0.541	-0.031	0.039	0.427	-0.03 (-0.11, 0.05)	0.003	0.109	-0.002	0.032	0.952	-1.95e-03 (-0.06, 0.	-0.033	0.044	0.450	-0.03 (-0.12, 0.05)
16882_27	PHPT1	PHP14	226	-0.023	0.019	0.227	-0.02 (-0.06, 0.01)	0.621	0.590	-0.025	0.039	0.524	-0.02 (-0.10, 0.05)	0.000	0.964	-0.069	0.036	0.055	-0.07 (-0.14, 1.54e-	-0.068	0.037	0.068	-0.07 (-0.14, 4.71e-03)
17387_27	NFKBIB	IKB-beta	226	0.023	0.019	0.226	0.02 (-0.01, 0.06)	0.621	0.796	-0.006	0.038	0.879	-0.01 (-0.08, 0.07)	0.002	0.386	0.022	0.039	0.571	0.02 (-0.05, 0.10)	0.018	0.038	0.631	0.02 (-0.06, 0.09)
19114_8	TK2	KITM	226	-0.026	0.022	0.226	-0.03 (-0.07, 0.02)	0.621	0.002	-0.008	0.044	0.854	-0.01 (-0.09, 0.08)	-0.001	0.632	-0.020	0.040	0.627	-0.02 (-0.10, 0.06)	-0.019	0.045	0.676	-0.02 (-0.11, 0.07)
3179_51	CTSA	Cathepsin	226	0.025	0.021	0.226	0.03 (-0.02, 0.07)	0.621	0.011	-0.054	0.041	0.190	-0.05 (-0.14, 0.03)	0.005	0.028	-0.013	0.030	0.672	-0.01 (-0.07, 0.05)	-0.042	0.040	0.299	-0.04 (-0.12, 0.04)
3363_31	CSK	CSK	226	-0.023	0.019	0.227	-0.02 (-0.06, 0.01)	0.621	0.920	-0.006	0.039	0.873	-0.01 (-0.08, 0.07)	-0.001	0.612	-0.034	0.040	0.401	-0.03 (-0.11, 0.05)	-0.043	0.039	0.267	-0.04 (-0.12, 0.03)
3622_33	LGMN	LGMN	226	0.027	0.023	0.227	0.03 (-0.02, 0.07)	0.621	4.44E-05	-0.055	0.045	0.225	-0.06 (-0.14, 0.03)	0.005	0.037	-0.024	0.032	0.457	-0.02 (-0.09, 0.04)	-0.065	0.042	0.122	-0.07 (-0.15, 0.02)
4153_11	SERPINA3	alpha-1-ant	226	-0.026	0.022	0.227	-0.03 (-0.07, 0.02)	0.621	0.008	0.002	0.044	0.970	1.64e-03 (-0.08, 0.09)	-0.002	0.464	0.006	0.035	0.857	0.01 (-0.06, 0.08)	0.003	0.038	0.943	2.70e-03 (-0.07, 0.08)
6207_10	PSAP	prosaposin	226	-0.027	0.023	0.227	-0.03 (-0.07, 0.02)	0.621	2.48E-04	0.005	0.046	0.918	4.67e-03 (-0.08, 0.09)	-0.002	0.420	-0.050	0.039	0.203	-0.05 (-0.13, 0.03)	-0.055	0.041	0.180	-0.05 (-0.14, 0.03)
8484_24	LEP	Leptin	226	0.022	0.018	0.227	0.02 (-0.01, 0.06)	0.621	5.46E-05	-0.070	0.037	0.056	-0.07 (-0.14, 1.52e-03)	0.006	0.004	-0.011	0.033	0.751	-0.01 (-0.08, 0.05)	0.003	0.032	0.935	2.61e-03 (-0.06, 0.07)
9251_28	MAN2B2	MA2B2	226	0.023	0.019	0.227	0.02 (-0.01, 0.06)	0.621	0.057	0.031	0.041	0.458	0.03 (-0.05, 0.11)	0.000	0.832	0.007	0.041	0.862	0.01 (-0.07, 0.09)	0.004	0.039	0.926	3.63e-03 (-0.07, 0.08)
2631_50	IL10RB	IL-10 Rb	226	0.024	0.020	0.228	0.02 (-0.01, 0.06)	0.622	0.344	-0.002	0.040	0.966	-1.68e-03 (-0.08, 0.08)	0.002	0.469	0.011	0.040	0.785	0.01 (-0.07, 0.09)	0.030	0.043	0.487	0.03 (-0.05, 0.11)
5617_41	NPFF	NPFF	226	0.024	0.020	0.228	0.02 (-0.02, 0.06)	0.622	0.049	-0.007	0.040	0.855	-0.01 (-0.09, 0.07)	0.002	0.369	0.045	0.038	0.236	0.04 (-0.03, 0.12)	0.032	0.039	0.404	0.03 (-0.04, 0.11)
6391_52	LILRA3	LIRA3	226	0.024	0.020	0.228	0.02 (-0.01, 0.06)	0.622	0.095	0.061	0.042	0.147	0.06 (-0.02, 0.14)	-0.002	0.306	0.004	0.039	0.911	4.39e-03 (-0.07, 0.0	0.009	0.037	0.812	0.01 (-0.06, 0.08)
7873_32	TSSK2	TSSK2	226	-0.024	0.020	0.228	-0.02 (-0.06, 0.01)	0.622	0.367	0.003	0.040	0.941	2.97e-03 (-0.08, 0.08)	-0.002	0.445	-0.027	0.038	0.479	-0.03 (-0.10, 0.05)	-0.018	0.040	0.652	-0.02 (-0.10, 0.06)
12546_1	SMTN	SMTN	226	-0.022	0.019	0.228	-0.02 (-0.06, 0.01)	0.622	0.798	-0.067	0.038	0.077	-0.07 (-0.14, 0.01)	0.003	0.176	-0.037	0.038	0.324	-0.04 (-0.11, 0.04)	-0.035	0.039	0.370	-0.03 (-0.11, 0.04)
17327_3	CNPY3	CNPY3	226	-0.023	0.019	0.229	-0.02 (-0.06, 0.01)	0.623	0.563	0.001	0.038	0.984	7.82e-04 (-0.07, 0.08)	-0.001	0.477	-0.021	0.041	0.603	-0.02 (-0.10, 0.06)	-0.031	0.040	0.436	-0.03 (-0.11, 0.05)
5076_53	EPHA10	EPHAA	226	-0.025	0.021	0.229	-0.03 (-0.07, 0.02)	0.623	0.049	0.038	0.042	0.363	0.04 (-0.04, 0.12)	-0.004	0.083	-0.019	0.041	0.642	-0.02 (-0.10, 0.06)	-0.014	0.042	0.735	-0.01 (-0.10, 0.07)
9099_19	SYT5	SYT5	226	0.023	0.019	0.229	0.02 (-0.01, 0.06)	0.623	0.963	0.061	0.038	0.109	0.06 (-0.01, 0.14)	-0.002	0.244	0.053	0.038	0.158	0.05 (-0.02, 0.13)	0.048	0.039	0.211	0.05 (-0.03, 0.12)
3440_7	GZMA	granzyme	226	0.030	0.025	0.229	0.03 (-0.02, 0.08)	0.623	1.31E-09	0.097	0.050	0.051	0.10 (-4.51e-05, 0.19)	-0.004	0.119	0.055	0.040	0.173	0.05 (-0.02, 0.13)	0.044	0.040	0.264	0.04 (-0.03, 0.12)
18206_18	ADH6	ADH6	226	0.021	0.017	0.229	0.02 (-0.01, 0.06)	0.623	0.616	0.011	0.035	0.752	0.01 (-0.06, 0.08)	0.001	0.747	-0.018	0.032	0.581	-0.02 (-0.08, 0.05)	-0.008	0.038	0.828	-0.01 (-0.08, 0.07)
11371_1	GPR101	GP101	226	0.023	0.020	0.230	0.02 (-0.01, 0.06)	0.624	0.910	0.018	0.039	0.655	0.02 (-0.06, 0.09)	0.000	0.864	0.000	0.032	0.989	-4.31e-04 (-0.06, 0.	-0.009	0.043	0.838	-0.01 (-0.09, 0.08)
13125_45	VTN	Vitronectin	226	-0.023	0.019	0.230	-0.02 (-0.06, 0.01)	0.624	0.318	-0.044	0.040	0.277	-0.04 (-0.12, 0.03)	0.001	0.559	0.003	0.031	0.928	2.79e-03 (-0.06, 0.0	-0.005	0.040	0.890	-0.01 (-0.08, 0.07)
12803_9	ZNF329	ZN329	226	0.025	0.021	0.230	0.02 (-0.02, 0.07)	0.624	0.039	0.044	0.042	0.298	0.04 (-0.04, 0.13)	-0.001	0.606	0.033	0.040	0.400	0.03 (-0.04, 0.11)	0.054	0.040	0.173	0.05 (-0.02, 0.13)
18328_36	PYCR2	P5CR2	226	0.023	0.020	0.230	0.02 (-0.01, 0.06)	0.624	0.184	-0.016	0.041	0.693	-0.02 (-0.10, 0.06)	0.002	0.266	0.032	0.041	0.439	0.03 (-0.05, 0.11)	0.031	0.041	0.440	0.03 (-0.05, 0.11)
12479_50	PRKAR1B	KAP1	226	-0.023	0.019	0.230	-0.02 (-0.06, 0.01)	0.624	0.131	-0.018	0.041	0.665	-0.02 (-0.10, 0.06)	0.000	0.879	-0.049	0.040	0.228	-0.05 (-0.13, 0.03)	-0.050	0.043	0.255	-0.05 (-0.13, 0.04)
13059_33	RFK	RIFK	226	-0.022	0.019	0.230	-0.02 (-0.06, 0.01)	0.624	0.438	-0.001	0.038	0.984	-7.52e-04 (-0.08, 0.07)	-0.001	0.511	-0.003	0.035	0.925	-3.29e-03 (-0.07, 0.	-0.010	0.039	0.798	-0.01 (-0.09, 0.07)
12454_105	NTMT1	NTM1A	226	0.023	0.019	0.231	0.02 (-0.01, 0.06)	0.626	0.680	0.048	0.039	0.221	0.05 (-0.03, 0.12)	-0.002	0.467	0.012	0.034	0.734	0.01 (-0.05, 0.08)	0.024	0.040	0.558	0.02 (-0.06, 0.10)
19148_58	TIMM8A	TIM8A	226	0.022	0.018	0.231	0.02 (-0.01, 0.06)	0.626	0.498	-0.001	0.037	0.981	-8.61e-04 (-0.07, 0.07)	0.001	0.477	-0.006	0.031	0.840	-0.01 (-0.07, 0.05)	-0.034	0.037	0.359	-0.03 (-0.11, 0.04)
12574_36	EDN2	Endothelin	226	-0.025	0.021	0.232	-0.03 (-0.07, 0.02)	0.627	0.029	-0.105	0.043	0.015	-0.10 (-0.19, -0.02)	0.005	0.033	-0.076	0.040	0.058	-0.08 (-0.15, 2.45e-	-0.077	0.041	0.062	-0.08 (-0.16, 3.44e-03)
8606_39	GPNMB	GPNMB	226	-0.024	0.020	0.232	-0.02 (-0.06, 0.02)	0.627	0.033	0.027	0.041	0.506	0.03 (-0.05, 0.11)	-0.003	0.148	0.010	0.035	0.785	0.01 (-0.06, 0.08)	-0.019	0.042	0.654	-0.02 (-0.10, 0.06)
10390_21	ZNRF3	ZNRF3	226	0.022	0.019	0.232	0.02 (-0.01, 0.06)	0.627	0.799	-0.014	0.038	0.711	-0.01 (-0.09, 0.06)	0.002	0.268	-0.005	0.031	0.858	-0.01 (-0.07, 0.05)	-0.049	0.045	0.283	-0.05 (-0.14, 0.04)
2705_5	CCL25	TECK	226	0.027	0.023	0.233	0.03 (-0.02, 0.07)	0.628	1.39E-04	0.001	0.046	0.977	1.33e-03 (-0.09, 0.09)	0.002	0.518	0.016	0.039	0.687	0.02 (-0.06, 0.09)	0.030	0.040	0.459	0.03 (-0.05, 0.11)
10892_8	OSMR	OSMR	226	0.023	0.019	0.233	0.02 (-0.01, 0.06)	0.630	0.416	0.058	0.039	0.146	0.06 (-0.02, 0.13)	-0.002	0.316	0.074	0.033	0.024	0.07 (0.01, 0.14)	0.079	0.044	0.075	0.08 (-0.01, 0.16)
11383_41	KRT7	Keratin 7	226	0.023	0.020	0.234	0.02 (-0.02, 0.06)	0.631	0.904	0.020	0.039	0.613	0.02 (-0.06, 0.10)	0.000	0.923	0.051	0.036	0.162	0.05 (-0.02, 0.12)	0.032	0.041	0.433	0.03 (-0.05, 0.11)
12612_37	PSMB1	PSB1	226	-0.022	0.019	0.234	-0.02 (-0.06, 0.01)	0.631	0.234	-0.006	0.039	0.886	-0.01 (-0.08, 0.07)	-0.001	0.623	-0.009	0.037	0.807	-0.01 (-0.08, 0.06)	-0.034	0.043	0.433	-0.03 (-0.12, 0.05)
19257_11	CLTA	CLCA	226	0.023	0.019	0.234	0.02 (-0.01, 0.06)	0.631	0.900	-0.005	0.039	0.903	-4.76e-03 (-0.08, 0.07)	0.002	0.412	-0.011	0.033	0.746	-0.01 (-0.08, 0.05)	-0.016	0.040	0.694	-0.02 (-0.09, 0.06)
5630_48	CD300A	CM35H	226	-0.022	0.019	0.234	-0.02 (-0.06, 0.01)	0.631	0.087	-0.007	0.040	0.866	-0.01 (-0.09, 0.07)	-0.001	0.657	-0.005	0.036	0.900	-4.57e-03 (-0.08, 0.	-0.026	0.045	0.561	-0.03 (-0.11, 0.06)
15418_25	MAPK10	MK10	226	0.021	0.018	0.234	0.02 (-0.01, 0.06)	0.631	0.636	0.003	0.035	0.934	2.94e-03 (-0.07, 0.07)	0.001	0.559	-0.014	0.030	0.627	-0.01 (-0.07, 0.04)	-0.042	0.039	0.277	-0.04 (-0.12, 0.03)
10006_25	ELK1	ELK1	226	-0.022	0.019	0.235	-0.02 (-0.06, 0.01)	0.631	0.384	-0.013	0.039	0.741	-0.01 (-0.09, 0.06)	-0.001	0.773	-0.032	0.038	0.405	-0.03 (-0.11, 0.04)	-0.023	0.041	0.566	-0.02 (-0.10, 0.06)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12603_87	PABPC4	PABP4	226	0.022	0.018	0.235	0.02 (-0.01, 0.06)	0.631	0.642	0.019	0.037	0.611	0.02 (-0.05, 0.09)	0.000	0.927	-0.002	0.032	0.946	-2.13e-03 (-0.06, 0.	-0.006	0.036	0.877	-0.01 (-0.08, 0.07)
18186_15	TARS	SYTC	226	0.022	0.018	0.235	0.02 (-0.01, 0.06)	0.631	0.648	0.029	0.037	0.437	0.03 (-0.04, 0.10)	0.000	0.828	0.015	0.032	0.631	0.02 (-0.05, 0.08)	0.015	0.036	0.687	0.01 (-0.06, 0.09)
6907_17	TMCO5A	TMC5A	226	-0.026	0.022	0.235	-0.03 (-0.07, 0.02)	0.631	0.006	-0.052	0.044	0.236	-0.05 (-0.14, 0.03)	0.002	0.489	-0.039	0.039	0.317	-0.04 (-0.12, 0.04)	-0.047	0.039	0.224	-0.05 (-0.12, 0.03)
7130_4	LAIR2	LAIR2	226	-0.023	0.019	0.235	-0.02 (-0.06, 0.01)	0.631	0.219	0.008	0.040	0.846	0.01 (-0.07, 0.09)	-0.002	0.380	-0.011	0.038	0.782	-0.01 (-0.09, 0.06)	0.002	0.038	0.968	1.52e-03 (-0.07, 0.08)
8950_4	CLCA2	CLCA2	226	0.026	0.021	0.235	0.03 (-0.02, 0.07)	0.631	0.001	-0.001	0.043	0.977	-1.23e-03 (-0.09, 0.08)	0.002	0.478	0.045	0.037	0.224	0.05 (-0.03, 0.12)	0.043	0.041	0.292	0.04 (-0.04, 0.12)
4717_55	IL3	IL-3	226	0.022	0.019	0.236	0.02 (-0.01, 0.06)	0.632	0.251	0.013	0.039	0.730	0.01 (-0.06, 0.09)	0.001	0.796	-0.010	0.036	0.779	-0.01 (-0.08, 0.06)	0.004	0.037	0.924	3.53e-03 (-0.07, 0.08)
11565_58	ZNF23	ZNF23	226	-0.023	0.019	0.236	-0.02 (-0.06, 0.01)	0.632	0.228	0.025	0.040	0.531	0.03 (-0.05, 0.10)	-0.003	0.169	0.044	0.035	0.209	0.04 (-0.02, 0.11)	0.051	0.046	0.270	0.05 (-0.04, 0.14)
12644_63	ADSS	PURA2	226	0.023	0.019	0.236	0.02 (-0.02, 0.06)	0.632	0.920	-0.012	0.039	0.766	-0.01 (-0.09, 0.06)	0.002	0.308	-0.015	0.035	0.662	-0.02 (-0.08, 0.05)	-0.002	0.039	0.958	-2.03e-03 (-0.08, 0.07)
12694_28	DIMT1	DIM1	226	-0.022	0.019	0.236	-0.02 (-0.06, 0.01)	0.632	0.797	0.005	0.037	0.887	0.01 (-0.07, 0.08)	-0.002	0.401	0.014	0.035	0.690	0.01 (-0.05, 0.08)	-0.007	0.036	0.839	-0.01 (-0.08, 0.06)
5813_58	EPO	Epo	226	-0.022	0.019	0.236	-0.02 (-0.06, 0.01)	0.632	0.131	-0.062	0.040	0.125	-0.06 (-0.14, 0.02)	0.002	0.259	-0.054	0.038	0.151	-0.05 (-0.13, 0.02)	-0.046	0.036	0.211	-0.05 (-0.12, 0.03)
7805_52	GOSR1	GOS-28	226	0.026	0.022	0.236	0.03 (-0.02, 0.07)	0.632	0.004	0.032	0.044	0.460	0.03 (-0.05, 0.12)	0.000	0.860	-0.001	0.041	0.975	-1.30e-03 (-0.08, 0.	-0.016	0.042	0.700	-0.02 (-0.10, 0.07)
9758_17	RPS4X	RS4X	226	0.023	0.020	0.236	0.02 (-0.02, 0.06)	0.632	0.012	-0.030	0.039	0.443	-0.03 (-0.11, 0.05)	0.003	0.119	0.018	0.029	0.532	0.02 (-0.04, 0.08)	-0.017	0.040	0.662	-0.02 (-0.10, 0.06)
12373_73	TRA2B	TRA2B	226	0.023	0.019	0.237	0.02 (-0.01, 0.06)	0.632	0.358	0.017	0.040	0.670	0.02 (-0.06, 0.09)	0.000	0.863	0.017	0.039	0.654	0.02 (-0.06, 0.09)	0.025	0.038	0.507	0.03 (-0.05, 0.10)
18864_7	PRSS3	TRY3	226	0.046	0.039	0.237	0.05 (-0.03, 0.12)	0.632	1.43E-87	0.009	0.079	0.910	0.01 (-0.15, 0.16)	0.002	0.586	0.017	0.032	0.583	0.02 (-0.04, 0.08)	-0.007	0.041	0.862	-0.01 (-0.09, 0.07)
4851_25	IL1A	IL-1a	226	-0.023	0.019	0.237	-0.02 (-0.06, 0.02)	0.633	0.296	-0.024	0.040	0.544	-0.02 (-0.10, 0.05)	0.000	0.967	0.012	0.040	0.756	0.01 (-0.07, 0.09)	0.020	0.043	0.652	0.02 (-0.07, 0.10)
19196_73	HOPX	HOP	226	0.023	0.020	0.237	0.02 (-0.02, 0.06)	0.633	0.211	0.003	0.041	0.936	3.30e-03 (-0.08, 0.08)	0.001	0.578	0.004	0.041	0.925	3.83e-03 (-0.08, 0.0	-0.015	0.040	0.710	-0.01 (-0.09, 0.06)
12585_39	ERCC1	ERCC1	226	0.023	0.019	0.238	0.02 (-0.02, 0.06)	0.634	0.715	0.012	0.039	0.759	0.01 (-0.06, 0.09)	0.001	0.748	0.003	0.037	0.930	3.24e-03 (-0.07, 0.0	0.022	0.039	0.570	0.02 (-0.05, 0.10)
18830_1	ITLN1	Omentin	226	-0.022	0.019	0.238	-0.02 (-0.06, 0.01)	0.634	0.098	0.014	0.040	0.721	0.01 (-0.06, 0.09)	-0.002	0.296	-0.011	0.039	0.775	-0.01 (-0.09, 0.07)	-0.018	0.043	0.681	-0.02 (-0.10, 0.07)
2906_55	IL4	IL-4	226	0.024	0.020	0.238	0.02 (-0.02, 0.06)	0.634	0.034	0.053	0.040	0.191	0.05 (-0.03, 0.13)	-0.002	0.404	-0.001	0.035	0.985	-6.61e-04 (-0.07, 0.	0.002	0.041	0.963	1.89e-03 (-0.08, 0.08)
3875_62	ARID3A	ARI3A	226	0.022	0.018	0.238	0.02 (-0.01, 0.06)	0.634	0.751	-0.005	0.037	0.893	-4.96e-03 (-0.08, 0.07)	0.002	0.407	-0.021	0.031	0.501	-0.02 (-0.08, 0.04)	-0.031	0.038	0.411	-0.03 (-0.10, 0.04)
12647_52	SETD2	SETD2	226	-0.023	0.019	0.239	-0.02 (-0.06, 0.01)	0.635	0.061	-0.024	0.041	0.563	-0.02 (-0.11, 0.06)	0.000	0.968	-0.037	0.035	0.293	-0.04 (-0.11, 0.03)	-0.012	0.040	0.757	-0.01 (-0.09, 0.07)
3420_21	CA13	Carbonic ar	226	0.021	0.018	0.239	0.02 (-0.01, 0.06)	0.635	0.622	0.033	0.036	0.365	0.03 (-0.04, 0.10)	-0.001	0.709	-0.002	0.035	0.964	-1.56e-03 (-0.07, 0.	-0.001	0.037	0.975	-1.14e-03 (-0.07, 0.07)
8999_19	CEACAM3	CEAM3	226	-0.022	0.019	0.240	-0.02 (-0.06, 0.01)	0.637	0.632	-0.027	0.038	0.487	-0.03 (-0.10, 0.05)	0.000	0.897	-0.013	0.040	0.740	-0.01 (-0.09, 0.07)	-0.011	0.042	0.801	-0.01 (-0.09, 0.07)
13113_7	SPP1	Osteopontir	226	-0.023	0.019	0.240	-0.02 (-0.06, 0.02)	0.638	0.059	-0.009	0.042	0.830	-0.01 (-0.09, 0.07)	-0.001	0.706	0.031	0.034	0.369	0.03 (-0.04, 0.10)	0.037	0.043	0.386	0.04 (-0.05, 0.12)
15589_1	GC	Gc-Globulir	226	-0.025	0.021	0.240	-0.02 (-0.07, 0.02)	0.638	0.005	0.016	0.042	0.711	0.02 (-0.07, 0.10)	-0.003	0.273	0.016	0.039	0.680	0.02 (-0.06, 0.09)	0.044	0.042	0.286	0.04 (-0.04, 0.13)
9875_107	THOC1	THOC1	226	0.022	0.019	0.241	0.02 (-0.01, 0.06)	0.638	0.063	-0.006	0.041	0.877	-0.01 (-0.09, 0.07)	0.002	0.422	-0.015	0.034	0.662	-0.01 (-0.08, 0.05)	0.014	0.042	0.742	0.01 (-0.07, 0.10)
9983_97	PRSS35	PRS35	226	0.023	0.019	0.241	0.02 (-0.02, 0.06)	0.638	0.230	0.001	0.040	0.988	5.84e-04 (-0.08, 0.08)	0.001	0.528	0.041	0.037	0.266	0.04 (-0.03, 0.11)	0.029	0.040	0.472	0.03 (-0.05, 0.11)
10584_7	NDUFS4	NDUS4	226	0.023	0.020	0.241	0.02 (-0.02, 0.06)	0.638	0.745	0.029	0.039	0.456	0.03 (-0.05, 0.11)	0.000	0.850	0.044	0.038	0.243	0.04 (-0.03, 0.12)	0.022	0.040	0.590	0.02 (-0.06, 0.10)
11596_47	ZNF75D	ZN75D	226	-0.023	0.020	0.242	-0.02 (-0.06, 0.02)	0.638	0.729	0.046	0.039	0.243	0.05 (-0.03, 0.12)	-0.004	0.045	-0.006	0.034	0.863	-0.01 (-0.07, 0.06)	0.002	0.044	0.967	1.85e-03 (-0.09, 0.09)
13098_93	FIGF	VEGF-D	226	-0.021	0.018	0.241	-0.02 (-0.06, 0.01)	0.638	0.056	0.026	0.039	0.510	0.03 (-0.05, 0.10)	-0.003	0.167	-0.029	0.030	0.330	-0.03 (-0.09, 0.03)	-0.021	0.041	0.609	-0.02 (-0.10, 0.06)
16585_16	B3GNT4	B3GN4	226	0.023	0.019	0.242	0.02 (-0.02, 0.06)	0.638	0.596	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	0.002	0.277	-0.015	0.036	0.683	-0.01 (-0.08, 0.06)	-0.006	0.039	0.869	-0.01 (-0.08, 0.07)
3033_57	LGALS2	Galectin-2	226	-0.023	0.019	0.241	-0.02 (-0.06, 0.02)	0.638	0.671	0.009	0.039	0.814	0.01 (-0.07, 0.09)	-0.002	0.348	-0.010	0.041	0.807	-0.01 (-0.09, 0.07)	-0.013	0.042	0.754	-0.01 (-0.10, 0.07)
7625_27	YWHAQ	14-3-3 prote	226	0.020	0.017	0.242	0.02 (-0.01, 0.05)	0.638	0.140	0.017	0.037	0.648	0.02 (-0.06, 0.09)	0.000	0.912	-0.021	0.034	0.539	-0.02 (-0.09, 0.05)	-0.007	0.039	0.849	-0.01 (-0.08, 0.07)
8036_75	FSHB	FSHB	226	-0.022	0.019	0.242	-0.02 (-0.06, 0.01)	0.638	0.492	0.020	0.038	0.596	0.02 (-0.05, 0.09)	-0.003	0.201	0.000	0.035	0.992	-3.66e-04 (-0.07, 0.	-0.003	0.040	0.938	-3.12e-03 (-0.08, 0.07)
8464_31	RSPO4	RSPO4	226	-0.022	0.019	0.241	-0.02 (-0.06, 0.01)	0.638	0.133	0.066	0.039	0.095	0.07 (-0.01, 0.14)	-0.006	0.011	-0.033	0.035	0.343	-0.03 (-0.10, 0.04)	-0.020	0.039	0.611	-0.02 (-0.10, 0.06)
9884_8	PPIL1	PPIL1	226	-0.022	0.018	0.242	-0.02 (-0.06, 0.01)	0.639	0.523	-0.011	0.037	0.763	-0.01 (-0.08, 0.06)	-0.001	0.749	-0.003	0.037	0.934	-3.10e-03 (-0.08, 0.	0.000	0.040	0.995	2.53e-04 (-0.08, 0.08)
7981_230	B3GALT6	B3GT6	226	-0.023	0.020	0.242	-0.02 (-0.06, 0.02)	0.639	0.219	0.008	0.041	0.844	0.01 (-0.07, 0.09)	-0.002	0.384	-0.009	0.040	0.828	-0.01 (-0.09, 0.07)	-0.015	0.038	0.701	-0.01 (-0.09, 0.06)
14024_196	EDA	EDA	226	0.025	0.021	0.243	0.02 (-0.02, 0.07)	0.639	0.023	-0.023	0.043	0.594	-0.02 (-0.11, 0.06)	0.003	0.200	0.023	0.042	0.587	0.02 (-0.06, 0.11)	0.019	0.048	0.691	0.02 (-0.07, 0.11)
14067_6	PKP2	PKP2	226	-0.021	0.018	0.243	-0.02 (-0.06, 0.01)	0.639	0.183	-0.072	0.038	0.063	-0.07 (-0.15, 3.54e-03)	0.003	0.133	-0.027	0.039	0.486	-0.03 (-0.10, 0.05)	-0.023	0.038	0.548	-0.02 (-0.10, 0.05)
5586_66	MINPP1	MINP1	226	0.026	0.022	0.243	0.03 (-0.02, 0.07)	0.639	5.55E-05	0.120	0.045	0.008	0.12 (0.03, 0.21)	-0.006	0.016	0.062	0.032	0.055	0.06 (-1.42e-03, 0.1	0.078	0.037	0.036	0.08 (0.01, 0.15)
7018_10	TSR3	TSR3	226	0.025	0.022	0.243	0.03 (-0.02, 0.07)	0.639	0.002	0.008	0.043	0.851	0.01 (-0.08, 0.09)	0.001	0.652	0.040	0.034	0.234	0.04 (-0.03, 0.11)	0.040	0.039	0.307	0.04 (-0.04, 0.12)
7175_4	PCDHGA2	PCDG2	226	0.022	0.018	0.244	0.02 (-0.01, 0.06)	0.639	0.174	0.033	0.039	0.392	0.03 (-0.04, 0.11)	-0.001	0.727	0.018	0.035	0.615	0.02 (-0.05, 0.09)	0.028	0.041	0.504	0.03 (-0.05, 0.11)
7956_11	MINOS1	MOS1	226	-0.023	0.020	0.243	-0.02 (-0.06, 0.02)	0.639	0.356	-0.053	0.040	0.193	-0.05 (-0.13, 0.03)	0.002	0.397	-0.016	0.039	0.678	-0.02 (-0.09, 0.06)	-0.002	0.038	0.962	-1.80e-03 (-0.08, 0.07)
8681_93	PGRMC2	PGRC2	226	0.023	0.019	0.244	0.02 (-0.02, 0.06)	0.639	0.059	-0.044	0.042	0.291	-0.04 (-0.13, 0.04)	0.004	0.066	-0.011	0.035	0.755	-0.01 (-0.08, 0.06)	-0.022	0.040	0.584	-0.02 (-0.10, 0.06)
9276_7	CPA2	CBPA2	226	0.023	0.019	0.243	0.02 (-0.02, 0.06)	0.639	0.338	0.006	0.040	0.884	0.01 (-0.07, 0.08)	0.001	0.627	0.033	0.040	0.414	0.03 (-0.05, 0.11)	0.020	0.044	0.648	0.02 (-0.07, 0.11)
9969_8	SLC22A16	S22AG	226	0.027	0.023	0.243	0.03 (-0.02, 0.07)	0.639	1.12E-05	0.066	0.047	0.163	0.07 (-0.03, 0.16)	-0.002	0.345	0.093	0.032	0.004	0.09 (0.03, 0.16)	0.133	0.043	0.002	0.13 (0.05, 0.22)
4396_54	IFNL1	IFN-lambda	226	0.021	0.018	0.244	0.02 (-0.01, 0.06)	0.640	0.480	0.017	0.037	0.643	0.02 (-0.06, 0.09)	0.000	0.897	0.007	0.030	0.807	0.01 (-0.05, 0.07)	-0.010	0.042	0.811	-0.01 (-0.09, 0.07)
7007_24	TRAPPC4	TRAPPC4	226	0.022	0.019	0.244	0.02 (-0.01, 0.06)	0.641	0.393	0.036	0.038	0.354	0.04 (-0.04, 0.11)	-0.001	0.680	0.011	0.034	0.733	0.01 (-0.05, 0.08)	0.021	0.040	0.604	0.02 (-0.06, 0.10)
10666_7	GNPTG	GNPTG	226	0.024	0.021	0.246	0.02 (-0.02, 0.07)	0.642	0.047	0.031	0.042	0.469	0.03 (-0.05, 0.11)	0.000	0.863	0.024	0.039	0.539	0.02 (-0.05, 0.10)	0.029	0.039	0.464	0.03 (-0.05, 0.11)
17516_7	RAB3A	Rab3A	226	0.023	0.019	0.245	0.02 (-0.02, 0.06)	0.642	0.570	0.018	0.039	0.642	0.02 (-0.06, 0.09)	0.000	0.898	0.018	0.038	0.633	0.02 (-0.06, 0.09)	0.001	0.038	0.982	8.60e-04 (-0.07, 0.08)
17819_30	FAHD1	FAHD1	226	0.022	0.019	0.245	0.02 (-0.01, 0.06)	0.642	0.449	-0.019	0.038	0.616	-0.02 (-0.09, 0.06)	0.003	0.216	-0.016	0.031	0.594	-0.02 (-0.08, 0.04)	-0.035	0.037	0.349	-0.04 (-0.11, 0.04)
18925_24	PSMA5	Proteasome	226	-0.022	0.019	0.246	-0.02 (-0.06, 0.01)	0.642	0.070	0.024	0.040	0.551	0.02 (-0.05, 0.10)	-0.003	0.192	0.036	0.031	0.252	0.04 (-0.03, 0.10)	0.059	0.040	0.140	0.06 (-0.02, 0.14)
19446_1	GMPR2	GMPR2	226	0.021	0.018	0.245	0.02 (-0.01, 0.06)	0.642	0.401	0.029	0.038	0.443	0.03 (-0.04, 0.10)	0.000	0.819	-0.004	0.031	0.887	-4.43e-03 (-0.07, 0.	-0.023	0.041	0.568	-0.02 (-0.10, 0.06)
3050_7	VWF	vWF	226	0.031	0.027	0.246	0.03 (-0.02, 0.08)	0.642	1.60E-14	0.015	0.054	0.785	0.01 (-0.09, 0.12)	0.001	0.728	-0.015	0.038	0.700	-0.01 (-0.09, 0.06)	-0.022	0.041	0.584	-0.02 (-0.10, 0.06)
4469_78	CHST15	ST4S6	226	-0.038	0.032	0.245	-0.04 (-0.10, 0.03)	0.642	1.49E-42	0.007	0.065	0.916	0.01 (-0.12, 0.14)	-0.003	0.433	-0.015	0.040	0.707	-0.01 (-0.09, 0.06)	-0.007	0.041	0.867	-0.01 (-0.09, 0.07)
8775_61	FAM24B	FA24B	226	0.023	0.019	0.245	0.02 (-0.02, 0.06)	0.642	0.103	0.058	0.042	0.163	0.06 (-0.02, 0.14)	-0.002	0.326	-0.001	0.033	0.985	-6.22e-04 (-0.07, 0.	-0.006	0.040	0.873	-0.01 (-0.09, 0.07)
3024_18	SERPINF2	a2-Antiplas	226	0.027	0.024	0.246	0.03 (-0.02, 0.07)	0.642	4.36E-07	0.097	0.047	0.042	0.10 (4.23e-03, 0.19)	-0.004	0.092	0.040	0.038	0.293	0.04 (-0.03, 0.12)	0.057	0.040	0.159	0.06 (-0.02, 0.14)
9388_18	MCEE	MCEE	226	0.023	0.020	0.246	0.02 (-0.02, 0.06)	0.643	0.016	-0.013	0.040	0.748	-0.01 (-0.09, 0.07)	0.002	0.302	0.009	0.033	0.794	0.01 (-0.06, 0.07)	0.010	0.043	0.806	0.01 (-0.07, 0.09)
17231_1	LCP1	L-plastin	226	-0.024	0.021	0.247	-0.02 (-0.06, 0.02)	0.643	0.029	-0.018	0.042	0.664	-0.02 (-0.10, 0.06)	0.000	0.873	-0.006	0.036	0.859	-0.01 (-0.08, 0.06)	-0.031	0.040	0.441	-0.03 (-0.11, 0.05)
19219_71	NUTF2	NTF-2	226	-0.022	0.019	0.247	-0.02 (-0.06, 0.02)	0.643	0.848	-0.044	0.038	0.250	-0.04 (-0.12, 0.03)	0.001	0.506	-0.062	0.039	0.111	-0.06 (-0.14, 0.01)	-0.083	0.042	0.047	-0.08 (-0.17, -1.70e-03)
4246_40	L1CAM	NCAM-L1	226	-0.026	0.022	0.247	-0.03 (-0.07, 0.02)	0.643	6.68E-05	0.038	0.045	0.395	0.04 (-0.05, 0.13)	-0.004	0.101	-0.011	0.032	0.740	-0.01 (-0.07, 0.05)	0.016	0.048	0.746	0.02 (-0.08, 0.11)
8833_20	TNFSF10	TRAIL	226	-0.022	0.019	0.248	-0.02 (-0.06, 0.02)	0.644	0.114	0.011	0.041	0.795	0.01 (-0.07, 0.09)	-0.002	0.356	-0.027	0.042	0.530	-0.03 (-0.11, 0.06)	-0.041	0.043	0.348	-0.04 (-0.13, 0.04)
8062_15	EVA1B	F176B	226	-0.022	0.019	0.248	-0.02 (-0.06, 0.02)	0.645	0.603	-0.012	0.039	0.752	-0.01 (-0.09, 0.06)	-0.001	0.767	0.009	0.039	0.810	0.01 (-0.07, 0.08)	-0.006	0.042	0.890	-0.01 (-0.09, 0.08)
6262_14	IL17RB	IL-17B R	226	0.021	0.018	0.248	0.02 (-0.01, 0.06)	0.646	0.436	0.016	0.037	0.667	0.02 (-0.06, 0.09)	0.000	0.875	0.010	0.029	0.733	0.01 (-0.05, 0.07)	-0.006	0.039	0.877	-0.01 (-0.08, 0.07)
8374_5	NGFR	NGF R	226	-0.021	0.018	0.248	-0.02 (-0.06, 0.01)	0.646	0.435	0.035	0.037	0.344	0.04 (-0.04, 0.11)	-0.004	0.081	-0.026	0.037	0.488	-0.03 (-0.10, 0.05)	-0.006	0.037	0.867	-0.01 (-0.08, 0.07)
11185_145	GCH1	GCH1	226	0.025	0.022	0.249	0.03 (-0.02, 0.07)	0.646	0.003	-0.028	0.044	0.527	-0.03 (-0.12, 0.06)	0.003	0.166	-0.040	0.038	0.286	-0.04 (-0.11, 0.03)	-0.028	0.042	0.510	-0.03 (-0.11, 0.05)
11645_9	P4HA1	P4HA1	226	0.022	0.019	0.249	0.02 (-0.02, 0.06)	0.647	0.395	0.096	0.039	0.014	0.10 (0.02, 0.17)	-0.005	0.030	0.066	0.036	0.069	0.07 (-0.01, 0.14)	0.066	0.040	0.100	0.07 (-0.01, 0.14)
13088_397	BTC	BTC	226	0.022	0.019	0.251	0.02 (-0.02, 0.06)	0.647	0.295	0.024	0.039	0.544	0.02 (-0.05, 0.10)	0.000	0.953	0.015	0.039	0.708	0.01 (-0.06, 0.09)	0.037	0.041	0.362	0.04 (-0.04, 0.12)
14192_31	PDCL2	PDCL2	226	0.022	0.019	0.250	0.02 (-0.02, 0.06)	0.647	0.125	0.033	0.040	0.420	0.03 (-0.05, 0.11)	-0.001	0.759	0.015	0.039	0.703	0.01 (-0.06, 0.09)	0.036	0.041	0.376	0.04 (-0.04, 0.12)
16863_47	NANP	NANP	226	0.023	0.020	0.250	0.02 (-0.02, 0.06)	0.647	0.045	0.040	0.040	0.315	0.04 (-0.04, 0.12)	-0.001	0.615	0.016	0.037	0.653	0.02 (-0.06, 0.09)	0.021	0.040	0.594	0.02 (-0.06, 0.10)
5981_6	C21orf33	ES1	226	0.022	0.020	0.250	0.02 (-0.02, 0.06)	0.647	0.379	-0.017	0.040	0.666	-0.02 (-0.10, 0.06)	0.002	0.253	0.045	0.040	0.259	0.05 (-0.03, 0.12)	0.017	0.043	0.694	0.02 (-0.07, 0.10)
6054_6	NXPH3	NXPH3	226	0.024	0.021	0.250	0.02 (-0.02, 0.07)	0.647	0.002	0.026	0.043	0.538	0.03 (-0.06, 0.11)	0.000	0.956	0.062	0.037	0.094	0.06 (-0.01, 0.13)	0.065	0.035	0.068	0.06 (-4.36e-03, 0.13)
7960_53	POTEG	POTEG	226	-0.022	0.020	0.250	-0.02 (-0.06, 0.02)	0.647	0.122	0.000	0.041	0.991	-4.55e-04 (-0.08, 0.08)	-0.001	0.542	-0.020	0.040	0.609	-0.02 (-0.10, 0.06)	-0.017	0.039	0.656	-0.02 (-0.09, 0.06)
8837_8	MFAP3L	MFA3L	226	0.021	0.018	0.250	0.02 (-0.01, 0.06)	0.647	0.704	-0.021	0.037	0.565	-0.02 (-0.09, 0.05)	0.003	0.187	-0.025	0.032	0.427	-0.03 (-0.09, 0.04)	-0.026	0.036	0.463	-0.03 (-0.10, 0.04)
9317_4	LRRC25	LRC25	226	0.022	0.020	0.250	0.02 (-0.02, 0.06)	0.647	0.304	-0.020	0.040	0.614	-0.02 (-0.10, 0.06)	0.003	0.222	0.020	0.041	0.629	0.02 (-0.06, 0.10)	0.020	0.043	0.645	0.02 (-0.06, 0.10)
9536_16	EDDM3A	EP3A	226	0.022	0.019	0.250	0.02 (-0.02, 0.06)	0.647	0.355	0.002	0.039	0.951	2.41e-03 (-0.07, 0.08)	0.001	0.565	-0.018	0.037	0.624	-0.02 (-0.09, 0.05)	0.005	0.041	0.908	4.76e-03 (-0.08, 0.09)
9577_26	SYT2	SYT2	226	0.022	0.019	0.251	0.02 (-0.02, 0.06)	0.648	0.123	0.025	0.041	0.553	0.02 (-0.06, 0.11)	0.000	0.951	0.025	0.042	0.553	0.02 (-0.06, 0.11)	0.025	0.045	0.578	0.02 (-0.06, 0.11)
13967_14	TXNRD1	Thioredoxir	226	0.020	0.017	0.252	0.02 (-0.01, 0.05)	0.650	0.619	-0.004	0.035	0.907	-4.11e-03 (-0.07, 0.06)	0.002	0.430	-0.033	0.031	0.276	-0.03 (-0.09, 0.03)	-0.036	0.036	0.329	-0.04 (-0.11, 0.04)
8391_12	DEFB115	DB115	226	-0.022	0.020	0.252	-0.02 (-0.06, 0.02)	0.650	0.299	0.020	0.040	0.622	0.02 (-0.06, 0.10)	-0.003	0.228	0.046	0.036	0.207	0.05 (-0.03, 0.12)	0.057	0.038	0.132	0.06 (-0.02, 0.13)
13548_53	PPAPDC1	PPC1A	226	0.022	0.019	0.252	0.02 (-0.02, 0.06)	0.650	0.214	-0.029	0.040	0.469	-0.03 (-0.11, 0.05)	0.003	0.143	0.048	0.036	0.182	0.05 (-0.02, 0.12)	0.024	0.042	0.563	0.02 (-0.06, 0.11)
7897_75	DLG3	DLG3	226	0.021	0.019	0.252	0.02 (-0.02, 0.06)	0.651	0.073	-0.025	0.040	0.533	-0.03 (-0.10, 0.05)	0.003	0.184	-0.004	0.031	0.897	-4.02e-03 (-0.06, 0.	-0.053	0.041	0.201	-0.05 (-0.13, 0.03)
12451_62	BACH1	BACH1	226	0.022	0.020	0.253	0.02 (-0.02, 0.06)	0.651	0.248	-0.001	0.041	0.982	-8.96e-04 (-0.08, 0.08)	0.001	0.510	-0.006	0.040	0.885	-0.01 (-0.09, 0.07)	0.003	0.041	0.938	3.24e-03 (-0.08, 0.08)
12667_2	GDA	GUAD	226	0.024	0.021	0.253	0.02 (-0.02, 0.07)	0.651	0.014	0.099	0.042	0.019	0.10 (0.02, 0.18)	-0.005	0.041	0.086	0.032	0.007	0.09 (0.02, 0.15)	0.124	0.041	0.003	0.12 (0.04, 0.21)
3042_7	MB	Myoglobin	226	0.023	0.020	0.253	0.02 (-0.02, 0.06)	0.651	0.020	0.025	0.041	0.545	0.02 (-0.05, 0.10)	0.000	0.963	0.024	0.035	0.499	0.02 (-0.05, 0.09)	0.025	0.036	0.489	0.03 (-0.05, 0.10)
9759_13	IDO1	INDO	226	-0.022	0.019	0.253	-0.02 (-0.06, 0.02)	0.651	0.217	0.004	0.040	0.915	4.29e-03 (-0.07, 0.08)	-0.002	0.452	-0.037	0.037	0.312	-0.04 (-0.11, 0.03)	-0.060	0.041	0.142	-0.06 (-0.14, 0.02)
9876_20	ALDOC	aldolase C	226	0.027	0.023	0.253	0.03 (-0.02, 0.07)	0.651	2.67E-05	0.069	0.047	0.146	0.07 (-0.02, 0.16)	-0.003	0.306	0.000	0.041	0.995	-2.49e-04 (-0.08, 0.	0.052	0.042	0.217	0.05 (-0.03, 0.13)
3823_9	MATK	MATK	226	-0.022	0.019	0.254	-0.02 (-0.06, 0.02)	0.651	0.138	0.021	0.040	0.599	0.02 (-0.06, 0.10)	-0.003	0.220	0.014	0.038	0.718	0.01 (-0.06, 0.09)	0.008	0.039	0.828	0.01 (-0.07, 0.08)
4131_72	FN1	Fibronectin	226	0.022	0.019	0.254	0.02 (-0.02, 0.06)	0.651	0.895	0.030	0.039	0.448	0.03 (-0.05, 0.11)	0.000	0.824	-0.016	0.037	0.678	-0.02 (-0.09, 0.06)	-0.005	0.041	0.894	-0.01 (-0.08, 0.07)
5687_5	PRKCSH	GLU2B	226	-0.022	0.019	0.254	-0.02 (-0.06, 0.02)	0.651	0.052	0.014	0.041	0.735	0.01 (-0.07, 0.09)	-0.002	0.319	-0.021	0.032	0.514	-0.02 (-0.08, 0.04)	-0.012	0.039	0.766	-0.01 (-0.09, 0.06)
7127_3	APOA2	Apo A-II	226	-0.024	0.021	0.253	-0.02 (-0.07, 0.02)	0.651	0.006	0.029	0.042	0.489	0.03 (-0.05, 0.11)	-0.003	0.147	0.033	0.033	0.324	0.03 (-0.03, 0.10)	0.037	0.041	0.371	0.04 (-0.04, 0.12)
13549_15	ADAM29	ADA29	226	0.022	0.019	0.254	0.02 (-0.02, 0.06)	0.651	0.079	0.053	0.041	0.196	0.05 (-0.03, 0.13)	-0.002	0.379	0.043	0.038	0.263	0.04 (-0.03, 0.12)	0.031	0.039	0.433	0.03 (-0.05, 0.11)
19333_4	HNRNPK	hnRNP K	226	0.021	0.019	0.254	0.02 (-0.02, 0.06)	0.651	0.394	0.015	0.038	0.684	0.02 (-0.06, 0.09)	0.000	0.861	-0.028	0.031	0.370	-0.03 (-0.09, 0.03)	-0.024	0.040	0.549	-0.02 (-0.10, 0.05)
10716_35	PSMD5	PSMD5	226	-0.022	0.019	0.254	-0.02 (-0.06, 0.02)	0.651	0.917	0.007	0.039	0.857	0.01 (-0.07, 0.08)	-0.002	0.390	-0.002	0.035	0.949	-2.22e-03 (-0.07, 0.	-0.009	0.037	0.815	-0.01 (-0.08, 0.06)
19252_67	PSMB2	PSB2	226	0.024	0.021	0.255	0.02 (-0.02, 0.07)	0.651	0.012	0.009	0.043	0.842	0.01 (-0.08, 0.09)	0.001	0.674	0.036	0.039	0.356	0.04 (-0.04, 0.11)	0.044	0.040	0.269	0.04 (-0.03, 0.12)
3206_4	LYVE1	LYVE1	226	-0.021	0.018	0.255	-0.02 (-0.06, 0.02)	0.651	0.114	-0.043	0.039	0.270	-0.04 (-0.12, 0.03)	0.001	0.512	-0.037	0.037	0.316	-0.04 (-0.11, 0.04)	-0.036	0.037	0.341	-0.04 (-0.11, 0.04)
6326_20	BMP4	BMP-4	226	0.020	0.018	0.255	0.02 (-0.01, 0.05)	0.651	0.490	-0.002	0.036	0.966	-1.53e-03 (-0.07, 0.07)	0.001	0.484	0.006	0.031	0.845	0.01 (-0.05, 0.07)	0.001	0.034	0.983	7.41e-04 (-0.07, 0.07)
2972_57	BMP7	BMP-7	226	-0.024	0.021	0.255	-0.02 (-0.07, 0.02)	0.652	0.029	0.035	0.042	0.416	0.03 (-0.05, 0.12)	-0.004	0.113	0.029	0.038	0.451	0.03 (-0.05, 0.10)	0.013	0.042	0.761	0.01 (-0.07, 0.10)
18309_18	CS	CISY	226	-0.021	0.019	0.255	-0.02 (-0.06, 0.02)	0.653	0.422	-0.021	0.038	0.586	-0.02 (-0.10, 0.05)	0.000	0.987	-0.056	0.033	0.090	-0.06 (-0.12, 0.01)	-0.066	0.040	0.098	-0.07 (-0.14, 0.01)
11275_94	LRP1B	LRP1B	226	0.020	0.018	0.258	0.02 (-0.01, 0.05)	0.653	0.480	-0.025	0.036	0.478	-0.03 (-0.10, 0.04)	0.003	0.144	-0.023	0.030	0.444	-0.02 (-0.08, 0.04)	-0.056	0.038	0.148	-0.06 (-0.13, 0.02)
11616_9	HSF1	HSF1	226	0.023	0.020	0.258	0.02 (-0.02, 0.06)	0.653	0.007	0.038	0.041	0.358	0.04 (-0.04, 0.12)	-0.001	0.679	-0.024	0.036	0.502	-0.02 (-0.09, 0.05)	-0.016	0.037	0.657	-0.02 (-0.09, 0.06)
13672_3	HSPA6	HSP76	226	0.024	0.021	0.258	0.02 (-0.02, 0.07)	0.653	0.020	0.019	0.043	0.660	0.02 (-0.07, 0.10)	0.000	0.889	0.036	0.042	0.400	0.04 (-0.05, 0.12)	0.054	0.044	0.223	0.05 (-0.03, 0.14)
13993_20	EPB41L1	E41L1	226	-0.022	0.019	0.257	-0.02 (-0.06, 0.02)	0.653	0.757	-0.045	0.038	0.244	-0.04 (-0.12, 0.03)	0.001	0.487	-0.046	0.033	0.161	-0.05 (-0.11, 0.02)	-0.066	0.040	0.098	-0.07 (-0.14, 0.01)
17804_102	PNPO	PNPO	226	0.020	0.018	0.258	0.02 (-0.01, 0.06)	0.653	0.607	0.003	0.036	0.935	2.93e-03 (-0.07, 0.07)	0.001	0.580	-0.023	0.031	0.464	-0.02 (-0.08, 0.04)	-0.033	0.042	0.440	-0.03 (-0.12, 0.05)
19111_10	UBE2M	UBC12	226	-0.024	0.021	0.257	-0.02 (-0.07, 0.02)	0.653	0.025	0.026	0.043	0.550	0.03 (-0.06, 0.11)	-0.003	0.182	0.029	0.038	0.434	0.03 (-0.04, 0.10)	0.041	0.040	0.304	0.04 (-0.04, 0.12)
19208_8	ACVR2A	Activin RIIA	226	0.022	0.019	0.256	0.02 (-0.02, 0.06)	0.653	0.609	-0.042	0.039	0.284	-0.04 (-0.12, 0.03)	0.004	0.060	0.006	0.040	0.883	0.01 (-0.07, 0.08)	0.012	0.041	0.767	0.01 (-0.07, 0.09)
2849_49	AIF1	AIF1	226	-0.021	0.019	0.257	-0.02 (-0.06, 0.02)	0.653	0.155	-0.021	0.039	0.602	-0.02 (-0.10, 0.06)	0.000	0.987	-0.029	0.038	0.449	-0.03 (-0.10, 0.05)	-0.020	0.040	0.611	-0.02 (-0.10, 0.06)
3629_60	CDC42BP	MRCKB	226	0.020	0.018	0.256	0.02 (-0.01, 0.06)	0.653	0.171	0.029	0.038	0.437	0.03 (-0.04, 0.10)	-0.001	0.782	-0.032	0.031	0.294	-0.03 (-0.09, 0.03)	-0.028	0.038	0.463	-0.03 (-0.10, 0.05)
5254_69	PDE3A	PDE3A	226	-0.021	0.019	0.257	-0.02 (-0.06, 0.02)	0.653	0.115	-0.095	0.039	0.017	-0.09 (-0.17, -0.02)	0.005	0.032	-0.063	0.037	0.086	-0.06 (-0.14, 0.01)	-0.060	0.040	0.134	-0.06 (-0.14, 0.02)
5256_86	PDE5A	PDE5A	226	0.021	0.018	0.257	0.02 (-0.02, 0.06)	0.653	0.224	0.049	0.038	0.202	0.05 (-0.03, 0.12)	-0.002	0.397	0.007	0.031	0.825	0.01 (-0.05, 0.07)	-0.003	0.041	0.942	-2.98e-03 (-0.08, 0.08)
5621_64	THSD1	THSD1	226	-0.039	0.035	0.258	-0.04 (-0.11, 0.03)	0.653	1.20E-56	0.030	0.070	0.670	0.03 (-0.11, 0.17)	-0.004	0.256	0.006	0.033	0.847	0.01 (-0.06, 0.07)	0.001	0.038	0.970	1.43e-03 (-0.07, 0.08)
6382_17	MANBA	MANBA	226	-0.046	0.041	0.257	-0.05 (-0.13, 0.03)	0.653	7.52E-100	0.030	0.082	0.717	0.03 (-0.13, 0.19)	-0.005	0.287	-0.061	0.038	0.105	-0.06 (-0.13, 0.01)	-0.042	0.040	0.295	-0.04 (-0.12, 0.04)
6414_8	OAF	OAF	226	0.023	0.021	0.256	0.02 (-0.02, 0.06)	0.653	0.007	0.036	0.042	0.393	0.04 (-0.05, 0.12)	-0.001	0.736	0.052	0.037	0.166	0.05 (-0.02, 0.12)	0.035	0.037	0.343	0.03 (-0.04, 0.11)
6538_90	KIAA2013	K2013	226	-0.022	0.019	0.258	-0.02 (-0.06, 0.02)	0.653	0.156	0.017	0.041	0.685	0.02 (-0.06, 0.10)	-0.002	0.279	0.004	0.041	0.917	4.28e-03 (-0.08, 0.0	0.005	0.041	0.900	0.01 (-0.07, 0.08)
7215_18	CYB5R3	NADH-cyto	226	-0.022	0.019	0.258	-0.02 (-0.06, 0.02)	0.653	0.753	0.040	0.039	0.302	0.04 (-0.04, 0.12)	-0.004	0.067	0.020	0.034	0.554	0.02 (-0.05, 0.09)	0.037	0.040	0.353	0.04 (-0.04, 0.12)
7763_25	CDH11	Cadherin-1	226	0.022	0.019	0.256	0.02 (-0.02, 0.06)	0.653	0.512	-0.001	0.039	0.978	-1.07e-03 (-0.08, 0.08)	0.001	0.496	0.001	0.041	0.984	8.11e-04 (-0.08, 0.0	-0.010	0.040	0.813	-0.01 (-0.09, 0.07)
9095_5	MTFR1	MTFR1	226	-0.022	0.020	0.256	-0.02 (-0.06, 0.02)	0.653	0.686	0.003	0.039	0.945	2.73e-03 (-0.07, 0.08)	-0.002	0.467	-0.009	0.040	0.828	-0.01 (-0.09, 0.07)	-0.027	0.042	0.531	-0.03 (-0.11, 0.06)
6385_63	VWA1	VWA1	226	-0.024	0.021	0.258	-0.02 (-0.07, 0.02)	0.654	0.019	-0.048	0.043	0.261	-0.05 (-0.13, 0.04)	0.002	0.515	-0.109	0.036	0.003	-0.11 (-0.18, -0.04)	-0.112	0.042	0.008	-0.11 (-0.19, -0.03)
12888_18	SAP30	SAP30	226	0.021	0.019	0.259	0.02 (-0.02, 0.06)	0.655	0.879	0.045	0.038	0.239	0.05 (-0.03, 0.12)	-0.001	0.476	0.056	0.036	0.118	0.06 (-0.01, 0.13)	0.058	0.039	0.144	0.06 (-0.02, 0.13)
15316_262	TXNL4B	TXN4B	226	0.021	0.018	0.259	0.02 (-0.02, 0.06)	0.655	0.348	0.024	0.037	0.518	0.02 (-0.05, 0.10)	0.000	0.911	-0.010	0.035	0.771	-0.01 (-0.08, 0.06)	0.001	0.037	0.983	7.85e-04 (-0.07, 0.07)
10817_26	TOMM20L	TO20L	226	0.025	0.022	0.260	0.02 (-0.02, 0.07)	0.655	0.007	-0.011	0.044	0.808	-0.01 (-0.10, 0.08)	0.002	0.356	0.012	0.041	0.762	0.01 (-0.07, 0.09)	-0.013	0.041	0.747	-0.01 (-0.09, 0.07)
17151_84	IRF3	IRF-3	226	0.021	0.018	0.259	0.02 (-0.02, 0.06)	0.655	0.837	0.032	0.037	0.381	0.03 (-0.04, 0.10)	-0.001	0.714	-0.002	0.032	0.952	-1.94e-03 (-0.06, 0.	-0.007	0.040	0.856	-0.01 (-0.09, 0.07)
19189_2	USP14	UBP14	226	-0.021	0.019	0.260	-0.02 (-0.06, 0.02)	0.655	0.796	-0.016	0.038	0.669	-0.02 (-0.09, 0.06)	0.000	0.880	-0.051	0.037	0.165	-0.05 (-0.12, 0.02)	-0.033	0.041	0.420	-0.03 (-0.11, 0.05)
3896_5	PGAM1	Phosphogly	226	0.021	0.019	0.260	0.02 (-0.02, 0.06)	0.655	0.345	0.026	0.038	0.498	0.03 (-0.05, 0.10)	0.000	0.880	0.060	0.038	0.108	0.06 (-0.01, 0.13)	0.060	0.044	0.176	0.06 (-0.03, 0.15)
5654_70	TMX3	TMX3	226	-0.022	0.020	0.260	-0.02 (-0.06, 0.02)	0.655	0.035	-0.042	0.040	0.297	-0.04 (-0.12, 0.04)	0.001	0.576	-0.028	0.038	0.451	-0.03 (-0.10, 0.05)	-0.017	0.039	0.669	-0.02 (-0.09, 0.06)
7787_25	LILRA5	LIRA5	226	-0.027	0.024	0.260	-0.03 (-0.07, 0.02)	0.655	2.97E-07	-0.014	0.048	0.764	-0.01 (-0.11, 0.08)	-0.001	0.767	-0.037	0.042	0.377	-0.04 (-0.12, 0.05)	-0.075	0.044	0.088	-0.07 (-0.16, 0.01)
12925_105	AXIN2	AXIN2	226	0.022	0.019	0.261	0.02 (-0.02, 0.06)	0.657	0.297	-0.042	0.040	0.288	-0.04 (-0.12, 0.04)	0.004	0.064	-0.001	0.040	0.982	-9.10e-04 (-0.08, 0.	-0.005	0.043	0.914	-4.62e-03 (-0.09, 0.08)
13975_56	PPFIA1	LIPA1	226	-0.021	0.018	0.261	-0.02 (-0.06, 0.02)	0.657	0.524	-0.052	0.037	0.163	-0.05 (-0.12, 0.02)	0.002	0.333	-0.034	0.039	0.375	-0.03 (-0.11, 0.04)	-0.034	0.038	0.363	-0.03 (-0.11, 0.04)
4567_82	SH2D1A	SH21A	226	0.021	0.019	0.261	0.02 (-0.02, 0.06)	0.657	0.514	0.018	0.038	0.628	0.02 (-0.06, 0.09)	0.000	0.933	-0.002	0.037	0.962	-1.74e-03 (-0.07, 0.	0.010	0.037	0.795	0.01 (-0.06, 0.08)
5867_60	ARG1	ARGI1	226	-0.022	0.020	0.261	-0.02 (-0.06, 0.02)	0.657	0.104	-0.019	0.042	0.657	-0.02 (-0.10, 0.06)	0.000	0.925	0.025	0.035	0.470	0.03 (-0.04, 0.09)	0.003	0.042	0.945	2.87e-03 (-0.08, 0.08)
6405_74	PSG2	PSG2	226	-0.021	0.019	0.262	-0.02 (-0.06, 0.02)	0.657	0.668	-0.020	0.039	0.609	-0.02 (-0.10, 0.06)	0.000	0.959	-0.007	0.032	0.825	-0.01 (-0.07, 0.06)	0.009	0.042	0.829	0.01 (-0.07, 0.09)
9525_1	PTK7	PTK7	226	-0.026	0.023	0.262	-0.03 (-0.07, 0.02)	0.657	1.69E-05	0.026	0.046	0.573	0.03 (-0.06, 0.12)	-0.003	0.198	-0.051	0.041	0.214	-0.05 (-0.13, 0.03)	-0.064	0.039	0.101	-0.06 (-0.14, 0.01)
9877_28	CRKL	CRKL	226	0.020	0.018	0.261	0.02 (-0.01, 0.05)	0.657	0.750	-0.005	0.036	0.892	-4.83e-03 (-0.07, 0.06)	0.002	0.426	-0.040	0.031	0.208	-0.04 (-0.10, 0.02)	-0.037	0.041	0.361	-0.04 (-0.12, 0.04)
7955_195	ITIH1	ITI heavy ch	226	-0.024	0.021	0.262	-0.02 (-0.07, 0.02)	0.657	0.015	-0.023	0.043	0.593	-0.02 (-0.11, 0.06)	0.000	0.981	-0.026	0.042	0.539	-0.03 (-0.11, 0.06)	-0.044	0.042	0.297	-0.04 (-0.13, 0.04)
10749_18	HSPA1A	HSP 70	226	0.023	0.020	0.263	0.02 (-0.02, 0.06)	0.658	0.015	0.044	0.041	0.291	0.04 (-0.04, 0.12)	-0.001	0.563	0.000	0.033	0.994	-2.33e-04 (-0.06, 0.	0.007	0.037	0.858	0.01 (-0.07, 0.08)
15513_108	PRSS8	Prostasin	226	0.025	0.022	0.262	0.02 (-0.02, 0.07)	0.658	1.71E-05	-0.029	0.045	0.521	-0.03 (-0.12, 0.06)	0.003	0.168	0.012	0.040	0.755	0.01 (-0.07, 0.09)	0.040	0.039	0.306	0.04 (-0.04, 0.12)
19376_74	NNMT	NNMT	226	-0.023	0.020	0.262	-0.02 (-0.06, 0.02)	0.658	0.026	0.014	0.041	0.728	0.01 (-0.07, 0.10)	-0.002	0.298	-0.005	0.031	0.880	-4.74e-03 (-0.07, 0.	0.040	0.043	0.361	0.04 (-0.05, 0.12)
2835_1	XRCC6	Ku70	226	0.021	0.019	0.262	0.02 (-0.02, 0.06)	0.658	0.110	0.019	0.040	0.631	0.02 (-0.06, 0.10)	0.000	0.960	-0.010	0.034	0.770	-0.01 (-0.08, 0.06)	0.002	0.040	0.958	2.11e-03 (-0.08, 0.08)
2474_54	APCS	SAP	226	0.021	0.019	0.263	0.02 (-0.02, 0.06)	0.659	0.014	-0.079	0.038	0.037	-0.08 (-0.15, -0.01)	0.006	0.002	-0.029	0.029	0.325	-0.03 (-0.09, 0.03)	-0.066	0.037	0.074	-0.07 (-0.14, 0.01)
8780_2	PCDH10	PCD10	226	-0.022	0.019	0.263	-0.02 (-0.06, 0.02)	0.659	0.592	-0.058	0.039	0.135	-0.06 (-0.13, 0.02)	0.002	0.278	-0.005	0.039	0.900	-4.96e-03 (-0.08, 0.	0.000	0.038	1.000	-1.74e-05 (-0.07, 0.07)
18316_75	SEPTIN3	Septin-3	226	-0.021	0.019	0.263	-0.02 (-0.06, 0.02)	0.659	0.461	0.018	0.039	0.644	0.02 (-0.06, 0.09)	-0.002	0.243	-0.001	0.038	0.988	-5.75e-04 (-0.08, 0.	0.016	0.039	0.694	0.02 (-0.06, 0.09)
6600_70	RELL2	RELL2	226	0.024	0.022	0.264	0.02 (-0.02, 0.07)	0.659	0.008	-0.047	0.043	0.277	-0.05 (-0.13, 0.04)	0.004	0.059	0.019	0.040	0.635	0.02 (-0.06, 0.10)	0.017	0.039	0.669	0.02 (-0.06, 0.09)
18300_39	PURB	PURB	226	0.020	0.018	0.264	0.02 (-0.02, 0.06)	0.659	0.810	0.016	0.037	0.662	0.02 (-0.06, 0.09)	0.000	0.892	-0.004	0.029	0.892	-3.90e-03 (-0.06, 0.	-0.026	0.038	0.491	-0.03 (-0.10, 0.05)
16015_19	GPT	ALT	226	0.023	0.021	0.264	0.02 (-0.02, 0.06)	0.660	0.014	-0.014	0.042	0.736	-0.01 (-0.10, 0.07)	0.002	0.305	0.008	0.040	0.840	0.01 (-0.07, 0.09)	0.005	0.041	0.894	0.01 (-0.07, 0.09)
17813_21	BPHL	BPHL	226	0.021	0.019	0.264	0.02 (-0.02, 0.06)	0.660	0.471	0.041	0.038	0.272	0.04 (-0.03, 0.12)	-0.001	0.528	0.011	0.036	0.762	0.01 (-0.06, 0.08)	0.025	0.038	0.509	0.03 (-0.05, 0.10)
7967_38	POTEM	POTEM	226	-0.022	0.019	0.265	-0.02 (-0.06, 0.02)	0.660	0.215	0.004	0.041	0.931	3.53e-03 (-0.08, 0.08)	-0.002	0.475	0.022	0.036	0.552	0.02 (-0.05, 0.09)	0.023	0.042	0.581	0.02 (-0.06, 0.11)
11104_13	CHI3L1	YKL-40	226	-0.022	0.019	0.265	-0.02 (-0.06, 0.02)	0.661	0.059	-0.046	0.042	0.272	-0.05 (-0.13, 0.04)	0.002	0.500	-0.016	0.039	0.679	-0.02 (-0.09, 0.06)	0.004	0.040	0.920	4.00e-03 (-0.07, 0.08)
11312_40	PMS2	PMS2	226	0.022	0.019	0.265	0.02 (-0.02, 0.06)	0.661	0.761	0.009	0.039	0.828	0.01 (-0.07, 0.09)	0.001	0.699	0.048	0.038	0.209	0.05 (-0.03, 0.12)	0.033	0.038	0.392	0.03 (-0.04, 0.11)
19584_33	FGF9	FGF9	226	-0.021	0.019	0.265	-0.02 (-0.06, 0.02)	0.661	0.087	0.001	0.040	0.975	1.25e-03 (-0.08, 0.08)	-0.001	0.526	-0.042	0.038	0.270	-0.04 (-0.12, 0.03)	-0.040	0.039	0.313	-0.04 (-0.12, 0.04)
4540_11	CBX5	CBX5	226	0.022	0.019	0.266	0.02 (-0.02, 0.06)	0.662	0.297	-0.025	0.040	0.525	-0.03 (-0.10, 0.05)	0.003	0.177	0.021	0.039	0.599	0.02 (-0.06, 0.10)	0.007	0.040	0.865	0.01 (-0.07, 0.09)
7199_3	SYN3	SYN3	226	-0.022	0.019	0.266	-0.02 (-0.06, 0.02)	0.662	0.467	-0.032	0.039	0.419	-0.03 (-0.11, 0.05)	0.001	0.766	-0.042	0.041	0.303	-0.04 (-0.12, 0.04)	-0.051	0.047	0.281	-0.05 (-0.14, 0.04)
5350_14	GPC6	GPC6	226	0.021	0.019	0.266	0.02 (-0.02, 0.06)	0.663	0.075	0.000	0.041	0.992	-4.23e-04 (-0.08, 0.08)	0.001	0.544	-0.022	0.035	0.527	-0.02 (-0.09, 0.05)	-0.008	0.040	0.840	-0.01 (-0.09, 0.07)
6457_50	PCDHGA1	PCDG1	226	-0.022	0.019	0.266	-0.02 (-0.06, 0.02)	0.663	0.902	0.010	0.039	0.791	0.01 (-0.07, 0.09)	-0.002	0.347	-0.025	0.041	0.543	-0.02 (-0.10, 0.05)	-0.023	0.040	0.568	-0.02 (-0.10, 0.06)
6609_22	CNP	CN37	226	0.020	0.018	0.267	0.02 (-0.02, 0.06)	0.663	0.861	0.025	0.037	0.499	0.03 (-0.05, 0.10)	0.000	0.885	-0.001	0.031	0.978	-8.46e-04 (-0.06, 0.	0.010	0.037	0.797	0.01 (-0.06, 0.08)
6955_68	SNX1	SNX1	226	0.024	0.021	0.267	0.02 (-0.02, 0.07)	0.663	0.008	-0.011	0.043	0.804	-0.01 (-0.10, 0.07)	0.002	0.358	0.005	0.032	0.865	0.01 (-0.06, 0.07)	0.000	0.037	0.999	5.78e-05 (-0.07, 0.07)
6586_19	ADAM11	ADA11	226	0.025	0.022	0.267	0.02 (-0.02, 0.07)	0.663	3.59E-04	0.079	0.045	0.081	0.08 (-0.01, 0.17)	-0.003	0.168	0.044	0.033	0.185	0.04 (-0.02, 0.11)	0.068	0.042	0.109	0.07 (-0.01, 0.15)
3890_8	LDHB	LDH-H 1	226	0.019	0.017	0.268	0.02 (-0.01, 0.05)	0.664	0.581	-0.005	0.035	0.882	-0.01 (-0.07, 0.06)	0.002	0.422	-0.037	0.032	0.245	-0.04 (-0.10, 0.03)	-0.039	0.039	0.318	-0.04 (-0.12, 0.04)
7815_49	IGFBPL1	IBPL1	226	-0.021	0.019	0.268	-0.02 (-0.06, 0.02)	0.664	0.486	-0.073	0.039	0.063	-0.07 (-0.15, 3.60e-03)	0.003	0.131	-0.067	0.035	0.057	-0.07 (-0.14, 1.92e-	-0.059	0.045	0.193	-0.06 (-0.15, 0.03)
8044_90	XG	XG	226	-0.021	0.019	0.268	-0.02 (-0.06, 0.02)	0.664	0.108	0.003	0.040	0.934	3.32e-03 (-0.07, 0.08)	-0.002	0.488	0.005	0.032	0.871	0.01 (-0.06, 0.07)	0.025	0.044	0.570	0.02 (-0.06, 0.11)
8237_56	SOSTDC1	SOSD1	226	-0.022	0.020	0.267	-0.02 (-0.06, 0.02)	0.664	0.619	-0.041	0.039	0.303	-0.04 (-0.12, 0.04)	0.001	0.580	-0.059	0.038	0.122	-0.06 (-0.13, 0.02)	-0.052	0.044	0.239	-0.05 (-0.14, 0.03)
9971_5	CSMD2	CSMD2	226	-0.021	0.019	0.268	-0.02 (-0.06, 0.02)	0.664	0.506	-0.045	0.037	0.229	-0.05 (-0.12, 0.03)	0.002	0.450	-0.044	0.033	0.182	-0.04 (-0.11, 0.02)	-0.047	0.041	0.255	-0.05 (-0.13, 0.03)
10977_55	UCMA	UCMA	226	-0.022	0.019	0.269	-0.02 (-0.06, 0.02)	0.665	0.251	0.010	0.040	0.809	0.01 (-0.07, 0.09)	-0.002	0.373	-0.020	0.041	0.632	-0.02 (-0.10, 0.06)	-0.001	0.043	0.984	-8.85e-04 (-0.08, 0.08)
17854_33	NAA10	NAA10	226	0.021	0.019	0.269	0.02 (-0.02, 0.06)	0.665	0.618	0.009	0.037	0.811	0.01 (-0.06, 0.08)	0.001	0.722	-0.007	0.033	0.826	-0.01 (-0.07, 0.06)	-0.013	0.036	0.707	-0.01 (-0.08, 0.06)
9793_145	IGDCC4	IGDC4	226	-0.022	0.020	0.269	-0.02 (-0.06, 0.02)	0.665	0.040	0.008	0.040	0.845	0.01 (-0.07, 0.09)	-0.002	0.392	-0.062	0.036	0.083	-0.06 (-0.13, 0.01)	-0.056	0.043	0.188	-0.06 (-0.14, 0.03)
11969_5	S100A2	S100A2	226	-0.021	0.019	0.269	-0.02 (-0.06, 0.02)	0.666	0.440	0.078	0.038	0.043	0.08 (2.76e-03, 0.15)	-0.006	0.003	0.036	0.035	0.302	0.04 (-0.03, 0.11)	0.040	0.042	0.339	0.04 (-0.04, 0.12)
10803_22	HSPA1A	HSP 70	226	0.023	0.021	0.270	0.02 (-0.02, 0.06)	0.666	0.006	0.021	0.042	0.611	0.02 (-0.06, 0.10)	0.000	0.966	0.019	0.031	0.546	0.02 (-0.04, 0.08)	0.030	0.039	0.440	0.03 (-0.05, 0.11)
13950_9	COL4A3BP	C43BP	226	-0.020	0.018	0.270	-0.02 (-0.06, 0.02)	0.666	0.609	-0.069	0.037	0.061	-0.07 (-0.14, 2.93e-03)	0.003	0.126	-0.059	0.036	0.105	-0.06 (-0.13, 0.01)	-0.061	0.038	0.112	-0.06 (-0.14, 0.01)
4337_49	CRP	CRP	226	0.030	0.027	0.270	0.03 (-0.02, 0.08)	0.666	2.72E-16	-0.055	0.054	0.312	-0.05 (-0.16, 0.05)	0.005	0.073	-0.064	0.036	0.075	-0.06 (-0.13, 0.01)	-0.049	0.045	0.284	-0.05 (-0.14, 0.04)
12712_9	HMG20A	HM20A	226	0.021	0.019	0.270	0.02 (-0.02, 0.06)	0.666	0.332	-0.017	0.038	0.654	-0.02 (-0.09, 0.06)	0.002	0.257	-0.020	0.030	0.511	-0.02 (-0.08, 0.04)	-0.027	0.039	0.490	-0.03 (-0.10, 0.05)
7778_104	C9orf89	BINCA	226	0.021	0.019	0.270	0.02 (-0.02, 0.06)	0.666	0.390	-0.020	0.038	0.601	-0.02 (-0.09, 0.05)	0.003	0.221	0.010	0.039	0.794	0.01 (-0.07, 0.09)	0.026	0.040	0.522	0.03 (-0.05, 0.10)
14197_2	PRDM1	PRDM1	226	0.021	0.020	0.271	0.02 (-0.02, 0.06)	0.667	0.159	0.005	0.041	0.903	5.00e-03 (-0.08, 0.09)	0.001	0.645	0.021	0.039	0.585	0.02 (-0.06, 0.10)	0.013	0.043	0.759	0.01 (-0.07, 0.10)
11534_6	LRIT3	LRIT3	226	-0.021	0.020	0.271	-0.02 (-0.06, 0.02)	0.667	0.260	0.037	0.040	0.360	0.04 (-0.04, 0.12)	-0.004	0.096	0.008	0.034	0.824	0.01 (-0.06, 0.08)	0.008	0.041	0.846	0.01 (-0.07, 0.09)
15390_3	GAL	Galanin	226	0.021	0.020	0.271	0.02 (-0.02, 0.06)	0.667	0.064	-0.017	0.042	0.683	-0.02 (-0.10, 0.07)	0.002	0.291	0.001	0.040	0.987	6.40e-04 (-0.08, 0.0	-0.009	0.043	0.836	-0.01 (-0.09, 0.08)
3057_55	WISP1	WISP-1	226	0.021	0.019	0.271	0.02 (-0.02, 0.06)	0.667	0.091	-0.007	0.042	0.859	-0.01 (-0.09, 0.07)	0.002	0.426	0.029	0.036	0.415	0.03 (-0.04, 0.10)	0.015	0.041	0.705	0.02 (-0.06, 0.09)
8872_1	SEC61G	SC61G	226	-0.022	0.020	0.271	-0.02 (-0.06, 0.02)	0.667	0.567	0.005	0.039	0.893	0.01 (-0.07, 0.08)	-0.002	0.433	0.004	0.038	0.925	3.56e-03 (-0.07, 0.0	0.006	0.042	0.886	0.01 (-0.08, 0.09)
9606_4	NUP210L	P210L	226	-0.021	0.019	0.271	-0.02 (-0.06, 0.02)	0.667	0.351	0.032	0.039	0.417	0.03 (-0.05, 0.11)	-0.003	0.121	-0.024	0.036	0.513	-0.02 (-0.10, 0.05)	-0.031	0.039	0.431	-0.03 (-0.11, 0.05)
8367_142	VSIG1	VSIG1	226	-0.021	0.019	0.272	-0.02 (-0.06, 0.02)	0.668	0.780	0.008	0.038	0.840	0.01 (-0.07, 0.08)	-0.002	0.390	-0.014	0.038	0.721	-0.01 (-0.09, 0.06)	-0.010	0.038	0.794	-0.01 (-0.08, 0.07)
13566_2	SSU72	SSU72	226	0.023	0.021	0.272	0.02 (-0.02, 0.06)	0.668	0.005	0.035	0.042	0.406	0.04 (-0.05, 0.12)	-0.001	0.739	0.014	0.039	0.715	0.01 (-0.06, 0.09)	0.011	0.041	0.796	0.01 (-0.07, 0.09)
14047_78	BDNF	BDNF	226	0.019	0.018	0.273	0.02 (-0.02, 0.05)	0.668	0.104	0.004	0.038	0.915	4.04e-03 (-0.07, 0.08)	0.001	0.640	0.003	0.035	0.939	2.67e-03 (-0.07, 0.0	0.014	0.037	0.697	0.01 (-0.06, 0.09)
14337_1	TRAPPC3	TPPC3	226	0.023	0.021	0.273	0.02 (-0.02, 0.07)	0.668	0.009	-0.045	0.043	0.289	-0.05 (-0.13, 0.04)	0.004	0.065	-0.014	0.032	0.655	-0.01 (-0.08, 0.05)	-0.031	0.045	0.497	-0.03 (-0.12, 0.06)
16872_248	GSTZ1	MAAI	226	-0.021	0.020	0.273	-0.02 (-0.06, 0.02)	0.668	0.688	0.043	0.039	0.282	0.04 (-0.03, 0.12)	-0.004	0.063	0.012	0.036	0.741	0.01 (-0.06, 0.08)	-0.007	0.039	0.865	-0.01 (-0.08, 0.07)
3366_51	ECM1	ECM1	226	-0.021	0.019	0.272	-0.02 (-0.06, 0.02)	0.668	0.187	-0.012	0.041	0.774	-0.01 (-0.09, 0.07)	-0.001	0.787	-0.030	0.035	0.398	-0.03 (-0.10, 0.04)	-0.016	0.041	0.706	-0.02 (-0.10, 0.07)
4708_3	HSD17B1	17-beta-HS	226	0.023	0.021	0.273	0.02 (-0.02, 0.06)	0.668	0.050	0.012	0.042	0.776	0.01 (-0.07, 0.10)	0.001	0.767	0.039	0.033	0.234	0.04 (-0.03, 0.10)	0.028	0.041	0.497	0.03 (-0.05, 0.11)
8654_13	ADAM10	ADAM 10	226	0.023	0.021	0.272	0.02 (-0.02, 0.07)	0.668	0.027	0.002	0.043	0.960	2.17e-03 (-0.08, 0.09)	0.001	0.570	0.038	0.035	0.276	0.04 (-0.03, 0.11)	0.051	0.041	0.224	0.05 (-0.03, 0.13)
18395_5	ADPRH	ADPRH	226	0.021	0.019	0.273	0.02 (-0.02, 0.06)	0.668	0.361	0.062	0.039	0.109	0.06 (-0.01, 0.14)	-0.003	0.218	0.057	0.031	0.066	0.06 (-3.73e-03, 0.1	0.084	0.039	0.034	0.08 (0.01, 0.16)
4840_73	CSF3	G-CSF	226	-0.024	0.022	0.273	-0.02 (-0.07, 0.02)	0.668	0.003	-0.008	0.044	0.860	-0.01 (-0.09, 0.08)	-0.001	0.673	-0.009	0.040	0.826	-0.01 (-0.09, 0.07)	-0.023	0.039	0.550	-0.02 (-0.10, 0.05)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
9128_34	FLRT3	FLRT3	226	0.021	0.019	0.273	0.02 (-0.02, 0.06)	0.668	0.374	-0.010	0.039	0.797	-0.01 (-0.09, 0.07)	0.002	0.361	0.001	0.038	0.979	1.02e-03 (-0.07, 0.0	-0.004	0.042	0.924	-4.07e-03 (-0.09, 0.08)
15372_43	BRD2	BRD2	226	0.020	0.018	0.274	0.02 (-0.02, 0.06)	0.668	0.160	0.008	0.038	0.833	0.01 (-0.07, 0.08)	0.001	0.724	0.012	0.039	0.757	0.01 (-0.06, 0.09)	0.016	0.039	0.677	0.02 (-0.06, 0.09)
18410_26	ARL14	ARL14	226	0.021	0.020	0.274	0.02 (-0.02, 0.06)	0.668	0.623	0.010	0.040	0.799	0.01 (-0.07, 0.09)	0.001	0.740	0.018	0.039	0.647	0.02 (-0.06, 0.09)	0.020	0.039	0.604	0.02 (-0.06, 0.10)
5012_67	AK1	Myokinase,	226	-0.020	0.018	0.274	-0.02 (-0.05, 0.02)	0.668	0.949	-0.035	0.036	0.325	-0.04 (-0.11, 0.04)	0.001	0.611	-0.075	0.031	0.017	-0.07 (-0.14, -0.01)	-0.070	0.040	0.079	-0.07 (-0.15, 0.01)
12923_51	KRT17	Keratin 17	226	0.021	0.019	0.274	0.02 (-0.02, 0.06)	0.669	0.587	-0.026	0.039	0.499	-0.03 (-0.10, 0.05)	0.003	0.161	0.002	0.038	0.949	2.43e-03 (-0.07, 0.0	0.020	0.039	0.612	0.02 (-0.06, 0.10)
4982_54	PI3	Elafin	226	-0.024	0.022	0.274	-0.02 (-0.07, 0.02)	0.669	0.003	-0.108	0.043	0.013	-0.11 (-0.19, -0.02)	0.005	0.025	-0.072	0.038	0.054	-0.07 (-0.15, 1.29e-	-0.066	0.040	0.099	-0.07 (-0.14, 0.01)
17729_20	UBE2S	UBE2S	226	-0.021	0.019	0.275	-0.02 (-0.06, 0.02)	0.670	0.729	-0.057	0.038	0.135	-0.06 (-0.13, 0.02)	0.002	0.271	-0.063	0.035	0.071	-0.06 (-0.13, 0.01)	-0.058	0.041	0.152	-0.06 (-0.14, 0.02)
3518_54	CPB2	TAFI	226	0.023	0.021	0.275	0.02 (-0.02, 0.07)	0.671	0.018	0.051	0.043	0.240	0.05 (-0.03, 0.14)	-0.002	0.464	0.080	0.037	0.028	0.08 (0.01, 0.15)	0.080	0.039	0.041	0.08 (3.85e-03, 0.16)
5825_49	IFNGR1	IFN-g R1	226	-0.020	0.019	0.275	-0.02 (-0.06, 0.02)	0.671	0.208	0.005	0.039	0.891	0.01 (-0.07, 0.08)	-0.002	0.449	-0.042	0.037	0.255	-0.04 (-0.11, 0.03)	-0.021	0.039	0.601	-0.02 (-0.10, 0.06)
11659_31	CLINT1	EPN4	226	-0.020	0.018	0.276	-0.02 (-0.06, 0.02)	0.671	0.419	-0.056	0.037	0.129	-0.06 (-0.13, 0.02)	0.002	0.257	-0.017	0.037	0.648	-0.02 (-0.09, 0.06)	-0.027	0.041	0.519	-0.03 (-0.11, 0.05)
14616_16	ZNF382	ZN382	226	-0.021	0.019	0.276	-0.02 (-0.06, 0.02)	0.671	0.067	0.021	0.041	0.600	0.02 (-0.06, 0.10)	-0.003	0.236	0.014	0.038	0.722	0.01 (-0.06, 0.09)	0.029	0.044	0.503	0.03 (-0.06, 0.11)
8905_20	KCNMB3	KCMB3	226	0.026	0.024	0.276	0.03 (-0.02, 0.07)	0.671	3.55E-08	-0.024	0.048	0.609	-0.02 (-0.12, 0.07)	0.003	0.226	0.057	0.040	0.153	0.06 (-0.02, 0.13)	0.056	0.040	0.163	0.06 (-0.02, 0.13)
13041_47	TRAF4	TRAF4	226	-0.021	0.019	0.276	-0.02 (-0.06, 0.02)	0.671	0.277	0.007	0.040	0.861	0.01 (-0.07, 0.09)	-0.002	0.421	-0.029	0.040	0.465	-0.03 (-0.11, 0.05)	-0.026	0.042	0.544	-0.03 (-0.11, 0.06)
19243_2	PFDN2	PFD2	226	0.020	0.018	0.276	0.02 (-0.02, 0.06)	0.671	0.247	0.030	0.038	0.423	0.03 (-0.04, 0.10)	-0.001	0.747	0.007	0.037	0.846	0.01 (-0.07, 0.08)	0.001	0.039	0.986	6.69e-04 (-0.08, 0.08)
13393_46	DERL1	DERL1	226	-0.020	0.019	0.277	-0.02 (-0.06, 0.02)	0.673	0.817	-0.054	0.038	0.152	-0.05 (-0.13, 0.02)	0.002	0.302	-0.060	0.036	0.092	-0.06 (-0.13, 0.01)	-0.048	0.037	0.193	-0.05 (-0.12, 0.02)
12980_31	RBM22	RBM22	226	0.021	0.020	0.279	0.02 (-0.02, 0.06)	0.673	0.492	-0.021	0.039	0.598	-0.02 (-0.10, 0.06)	0.003	0.221	0.027	0.041	0.510	0.03 (-0.05, 0.11)	0.046	0.042	0.278	0.05 (-0.04, 0.13)
14037_18	RANBP3	RANB3	226	-0.020	0.019	0.277	-0.02 (-0.06, 0.02)	0.673	0.516	-0.034	0.037	0.369	-0.03 (-0.11, 0.04)	0.001	0.678	-0.043	0.036	0.235	-0.04 (-0.11, 0.03)	-0.021	0.038	0.590	-0.02 (-0.10, 0.05)
17343_6	SNPH	SNPH	226	-0.021	0.019	0.278	-0.02 (-0.06, 0.02)	0.673	0.655	0.032	0.039	0.407	0.03 (-0.04, 0.11)	-0.003	0.116	0.005	0.039	0.908	4.54e-03 (-0.07, 0.0	-0.004	0.042	0.925	-3.98e-03 (-0.09, 0.08)
18242_8	SPA17	Sperm prot	226	-0.023	0.021	0.279	-0.02 (-0.06, 0.02)	0.673	0.018	-0.007	0.042	0.868	-0.01 (-0.09, 0.08)	-0.001	0.669	-0.030	0.039	0.445	-0.03 (-0.11, 0.05)	-0.032	0.039	0.414	-0.03 (-0.11, 0.04)
18264_12	CCDC25	CCD25	226	-0.021	0.019	0.278	-0.02 (-0.06, 0.02)	0.673	0.163	-0.020	0.040	0.626	-0.02 (-0.10, 0.06)	0.000	0.976	-0.009	0.039	0.818	-0.01 (-0.09, 0.07)	-0.034	0.040	0.403	-0.03 (-0.11, 0.05)
18874_66	CEBPA	CEBPA	226	0.021	0.020	0.279	0.02 (-0.02, 0.06)	0.673	0.563	0.053	0.039	0.180	0.05 (-0.02, 0.13)	-0.002	0.354	0.076	0.037	0.039	0.08 (3.80e-03, 0.1	0.080	0.043	0.064	0.08 (-4.13e-03, 0.16)
19564_61	IRF4	IRF4	226	-0.021	0.020	0.278	-0.02 (-0.06, 0.02)	0.673	0.210	-0.018	0.041	0.662	-0.02 (-0.10, 0.06)	0.000	0.926	-0.003	0.039	0.940	-2.97e-03 (-0.08, 0.	-0.017	0.041	0.683	-0.02 (-0.10, 0.06)
4900_8	C3	C3a	226	0.022	0.020	0.279	0.02 (-0.02, 0.06)	0.673	0.014	-0.026	0.040	0.514	-0.03 (-0.11, 0.05)	0.003	0.171	-0.012	0.032	0.719	-0.01 (-0.07, 0.05)	-0.006	0.039	0.882	-0.01 (-0.08, 0.07)
4979_34	DPT	DERM	226	-0.022	0.020	0.278	-0.02 (-0.06, 0.02)	0.673	0.046	-0.041	0.041	0.321	-0.04 (-0.12, 0.04)	0.001	0.599	-0.038	0.041	0.350	-0.04 (-0.12, 0.04)	-0.056	0.038	0.144	-0.06 (-0.13, 0.02)
6230_56	CER1	CER1	226	0.021	0.019	0.278	0.02 (-0.02, 0.06)	0.673	0.222	0.020	0.041	0.626	0.02 (-0.06, 0.10)	0.000	0.972	0.007	0.032	0.822	0.01 (-0.06, 0.07)	-0.008	0.042	0.847	-0.01 (-0.09, 0.07)
6304_8	C1QTNF1	C1QT1	226	-0.025	0.023	0.277	-0.03 (-0.07, 0.02)	0.673	5.64E-05	-0.007	0.047	0.876	-0.01 (-0.10, 0.08)	-0.001	0.661	-0.067	0.036	0.067	-0.07 (-0.14, 4.72e-	-0.066	0.043	0.128	-0.07 (-0.15, 0.02)
6998_106	ASPH	HAAH	226	-0.023	0.021	0.278	-0.02 (-0.06, 0.02)	0.673	0.005	0.007	0.042	0.872	0.01 (-0.08, 0.09)	-0.002	0.421	-0.004	0.039	0.920	-3.94e-03 (-0.08, 0.	-0.009	0.038	0.816	-0.01 (-0.08, 0.07)
8383_20	C11orf94	CK094	226	0.020	0.019	0.279	0.02 (-0.02, 0.06)	0.673	0.526	0.038	0.037	0.307	0.04 (-0.04, 0.11)	-0.001	0.576	0.008	0.030	0.789	0.01 (-0.05, 0.07)	-0.001	0.038	0.984	-7.68e-04 (-0.07, 0.07)
10024_44	HOGA1	HOGA1	226	0.021	0.019	0.279	0.02 (-0.02, 0.06)	0.673	0.201	-0.008	0.041	0.846	-0.01 (-0.09, 0.07)	0.002	0.413	0.051	0.041	0.211	0.05 (-0.03, 0.13)	0.076	0.047	0.105	0.08 (-0.02, 0.17)
12814_17	RNPC3	RBM40	226	-0.021	0.020	0.279	-0.02 (-0.06, 0.02)	0.673	0.301	-0.052	0.040	0.196	-0.05 (-0.13, 0.03)	0.002	0.376	-0.058	0.040	0.150	-0.06 (-0.14, 0.02)	-0.072	0.042	0.092	-0.07 (-0.15, 0.01)
18916_25	ITPA	Inosine tripl	226	-0.021	0.019	0.279	-0.02 (-0.06, 0.02)	0.673	0.423	-0.011	0.039	0.784	-0.01 (-0.09, 0.07)	-0.001	0.767	-0.058	0.038	0.134	-0.06 (-0.13, 0.02)	-0.049	0.047	0.300	-0.05 (-0.14, 0.04)
8315_5	DEFB119	DB119	226	-0.021	0.019	0.279	-0.02 (-0.06, 0.02)	0.673	0.064	-0.006	0.042	0.882	-0.01 (-0.09, 0.08)	-0.001	0.685	-0.011	0.040	0.778	-0.01 (-0.09, 0.07)	-0.005	0.042	0.903	-0.01 (-0.09, 0.08)
8366_19	C1orf115	CA115	226	0.021	0.020	0.280	0.02 (-0.02, 0.06)	0.673	0.385	0.003	0.040	0.934	3.33e-03 (-0.08, 0.08)	0.001	0.608	0.045	0.040	0.265	0.04 (-0.03, 0.12)	0.048	0.044	0.271	0.05 (-0.04, 0.13)
10949_59	RPLP2	RLA2	226	0.021	0.020	0.281	0.02 (-0.02, 0.06)	0.674	0.632	0.009	0.039	0.825	0.01 (-0.07, 0.09)	0.001	0.718	0.018	0.042	0.671	0.02 (-0.06, 0.10)	0.010	0.044	0.812	0.01 (-0.08, 0.10)
12442_4	RHOD	RHOD	226	-0.021	0.019	0.281	-0.02 (-0.06, 0.02)	0.674	0.372	0.002	0.039	0.967	1.64e-03 (-0.08, 0.08)	-0.001	0.513	0.004	0.032	0.903	3.91e-03 (-0.06, 0.0	0.007	0.044	0.865	0.01 (-0.08, 0.09)
15433_4	SRC	p60-Src	226	0.019	0.017	0.281	0.02 (-0.02, 0.05)	0.674	0.769	0.004	0.035	0.910	3.96e-03 (-0.06, 0.07)	0.001	0.627	-0.007	0.029	0.809	-0.01 (-0.06, 0.05)	-0.023	0.039	0.550	-0.02 (-0.10, 0.05)
15515_2	SAA1	SAA	226	0.020	0.019	0.280	0.02 (-0.02, 0.06)	0.674	0.394	-0.032	0.038	0.401	-0.03 (-0.11, 0.04)	0.003	0.115	-0.018	0.038	0.637	-0.02 (-0.09, 0.06)	-0.002	0.038	0.965	-1.65e-03 (-0.08, 0.07)
17329_2	BDH2	BDH2	226	0.024	0.022	0.281	0.02 (-0.02, 0.07)	0.674	4.39E-06	0.053	0.045	0.236	0.05 (-0.03, 0.14)	-0.002	0.452	0.028	0.036	0.438	0.03 (-0.04, 0.10)	0.057	0.043	0.185	0.06 (-0.03, 0.14)
17704_74	HSPH1	HS105	226	-0.020	0.019	0.281	-0.02 (-0.06, 0.02)	0.674	0.875	-0.031	0.038	0.418	-0.03 (-0.11, 0.04)	0.001	0.751	-0.051	0.036	0.160	-0.05 (-0.12, 0.02)	-0.045	0.046	0.331	-0.05 (-0.14, 0.05)
3182_38	ENTPD1	CD39	226	0.021	0.019	0.280	0.02 (-0.02, 0.06)	0.674	0.623	0.003	0.039	0.935	3.18e-03 (-0.07, 0.08)	0.001	0.602	0.021	0.039	0.588	0.02 (-0.06, 0.10)	0.006	0.041	0.885	0.01 (-0.07, 0.09)
4874_3	ANG	Angiogenin	226	0.020	0.019	0.281	0.02 (-0.02, 0.06)	0.674	0.858	0.031	0.037	0.407	0.03 (-0.04, 0.10)	-0.001	0.734	0.036	0.037	0.334	0.04 (-0.04, 0.11)	0.034	0.038	0.374	0.03 (-0.04, 0.11)
4956_2	EREG	EPI	226	-0.022	0.021	0.281	-0.02 (-0.06, 0.02)	0.674	0.016	-0.008	0.042	0.847	-0.01 (-0.09, 0.07)	-0.001	0.694	-0.046	0.037	0.219	-0.05 (-0.12, 0.03)	-0.025	0.042	0.552	-0.02 (-0.11, 0.06)
7818_101	GBP6	GBP6	226	0.021	0.019	0.281	0.02 (-0.02, 0.06)	0.674	0.221	-0.044	0.040	0.275	-0.04 (-0.12, 0.03)	0.004	0.064	0.005	0.041	0.899	0.01 (-0.08, 0.09)	-0.004	0.045	0.936	-3.65e-03 (-0.09, 0.08)
7922_5	ADM	Adrenomed	226	-0.021	0.019	0.281	-0.02 (-0.06, 0.02)	0.674	0.165	-0.026	0.040	0.514	-0.03 (-0.11, 0.05)	0.000	0.869	-0.009	0.038	0.803	-0.01 (-0.08, 0.06)	-0.006	0.037	0.879	-0.01 (-0.08, 0.07)
12427_8	CDC25B	MPIP2	226	0.023	0.021	0.282	0.02 (-0.02, 0.06)	0.674	0.010	0.018	0.042	0.679	0.02 (-0.07, 0.10)	0.000	0.891	0.022	0.041	0.586	0.02 (-0.06, 0.10)	0.018	0.040	0.646	0.02 (-0.06, 0.10)
13231_90	IGHG4	IgG4, Kapp	226	0.022	0.021	0.282	0.02 (-0.02, 0.06)	0.674	0.020	0.001	0.041	0.984	8.44e-04 (-0.08, 0.08)	0.001	0.555	-0.013	0.038	0.724	-0.01 (-0.09, 0.06)	-0.017	0.042	0.678	-0.02 (-0.10, 0.06)
5653_23	PRSS37	PRS37	226	-0.021	0.020	0.282	-0.02 (-0.06, 0.02)	0.674	0.362	-0.004	0.040	0.914	-4.35e-03 (-0.08, 0.07)	-0.001	0.631	-0.012	0.031	0.687	-0.01 (-0.07, 0.05)	0.013	0.043	0.769	0.01 (-0.07, 0.10)
9061_3	ARHGEF10	ARHGA	226	0.019	0.018	0.282	0.02 (-0.02, 0.05)	0.674	0.375	-0.017	0.037	0.642	-0.02 (-0.09, 0.05)	0.002	0.253	-0.016	0.037	0.658	-0.02 (-0.09, 0.06)	-0.025	0.042	0.560	-0.02 (-0.11, 0.06)
9106_87	LYSMD4	LYSM4	226	0.021	0.019	0.282	0.02 (-0.02, 0.06)	0.674	0.696	-0.033	0.039	0.396	-0.03 (-0.11, 0.04)	0.003	0.112	-0.019	0.032	0.550	-0.02 (-0.08, 0.04)	-0.038	0.041	0.362	-0.04 (-0.12, 0.04)
10054_3	GAN	GAN	226	-0.021	0.019	0.283	-0.02 (-0.06, 0.02)	0.675	0.728	-0.013	0.039	0.742	-0.01 (-0.09, 0.06)	0.000	0.816	-0.032	0.041	0.425	-0.03 (-0.11, 0.05)	-0.037	0.041	0.359	-0.04 (-0.12, 0.04)
15524_30	PGAM2	PGAM2	226	0.020	0.019	0.283	0.02 (-0.02, 0.06)	0.675	0.381	0.020	0.038	0.596	0.02 (-0.05, 0.09)	0.000	0.994	0.048	0.035	0.170	0.05 (-0.02, 0.12)	0.062	0.036	0.081	0.06 (-0.01, 0.13)
3222_11	SEMA3A	Semaphori	226	0.020	0.018	0.283	0.02 (-0.02, 0.06)	0.675	0.445	0.029	0.037	0.434	0.03 (-0.04, 0.10)	-0.001	0.770	-0.020	0.036	0.571	-0.02 (-0.09, 0.05)	-0.010	0.040	0.797	-0.01 (-0.09, 0.07)
6715_63	ALPPL2	PPBN	226	-0.021	0.020	0.283	-0.02 (-0.06, 0.02)	0.675	0.631	-0.012	0.039	0.764	-0.01 (-0.09, 0.07)	-0.001	0.789	-0.008	0.039	0.837	-0.01 (-0.08, 0.07)	-0.014	0.042	0.737	-0.01 (-0.10, 0.07)
8791_151	CA5A	Carbonic A	226	0.021	0.019	0.283	0.02 (-0.02, 0.06)	0.675	0.881	0.058	0.039	0.144	0.06 (-0.02, 0.13)	-0.002	0.283	0.070	0.035	0.048	0.07 (7.23e-04, 0.1	0.067	0.039	0.085	0.07 (-0.01, 0.14)
13491_40	PDE6D	PDE6D	226	0.020	0.019	0.284	0.02 (-0.02, 0.06)	0.675	0.613	-0.028	0.038	0.459	-0.03 (-0.10, 0.05)	0.003	0.143	-0.026	0.034	0.449	-0.03 (-0.09, 0.04)	-0.026	0.040	0.513	-0.03 (-0.10, 0.05)
19199_3	POLR2J	RPB11	226	0.021	0.019	0.284	0.02 (-0.02, 0.06)	0.675	0.602	0.038	0.039	0.337	0.04 (-0.04, 0.11)	-0.001	0.620	0.012	0.040	0.771	0.01 (-0.07, 0.09)	-0.007	0.041	0.865	-0.01 (-0.09, 0.07)
5061_27	ICOSLG	B7-H2	226	-0.021	0.019	0.284	-0.02 (-0.06, 0.02)	0.675	0.120	-0.004	0.041	0.926	-3.82e-03 (-0.08, 0.08)	-0.001	0.637	-0.028	0.039	0.469	-0.03 (-0.10, 0.05)	0.005	0.040	0.906	4.69e-03 (-0.07, 0.08)
5133_17	TGFBR2	TGF-b R II	226	0.021	0.020	0.284	0.02 (-0.02, 0.06)	0.675	0.427	0.001	0.040	0.990	5.17e-04 (-0.08, 0.08)	0.001	0.554	0.000	0.037	0.991	4.34e-04 (-0.07, 0.0	-0.007	0.042	0.872	-0.01 (-0.09, 0.08)
6561_77	LOC65249	Ig K chain V	226	0.027	0.025	0.285	0.03 (-0.02, 0.08)	0.677	4.06E-13	-0.034	0.051	0.503	-0.03 (-0.13, 0.07)	0.004	0.168	0.016	0.037	0.657	0.02 (-0.06, 0.09)	0.035	0.038	0.367	0.03 (-0.04, 0.11)
11140_56	COL1A1	CO1A1	226	-0.024	0.023	0.286	-0.02 (-0.07, 0.02)	0.677	3.61E-04	0.045	0.045	0.315	0.05 (-0.04, 0.13)	-0.004	0.078	-0.053	0.036	0.145	-0.05 (-0.12, 0.02)	-0.036	0.039	0.353	-0.04 (-0.11, 0.04)
11646_4	CHST9	Carbohydra	226	0.025	0.023	0.286	0.03 (-0.02, 0.07)	0.677	2.28E-08	0.054	0.047	0.251	0.05 (-0.04, 0.15)	-0.002	0.475	0.040	0.041	0.323	0.04 (-0.04, 0.12)	0.058	0.041	0.157	0.06 (-0.02, 0.14)
12933_17	ENOX1	ENOX1	226	0.022	0.021	0.286	0.02 (-0.02, 0.06)	0.677	0.036	-0.012	0.042	0.773	-0.01 (-0.10, 0.07)	0.002	0.346	0.038	0.042	0.364	0.04 (-0.04, 0.12)	0.039	0.043	0.366	0.04 (-0.05, 0.12)
14334_3	RCVRN	RECO	226	-0.022	0.021	0.285	-0.02 (-0.06, 0.02)	0.677	0.024	-0.027	0.043	0.532	-0.03 (-0.11, 0.06)	0.000	0.911	0.029	0.035	0.395	0.03 (-0.04, 0.10)	0.030	0.047	0.523	0.03 (-0.06, 0.12)
18339_207	PSMB3	PSB3	226	0.020	0.019	0.286	0.02 (-0.02, 0.06)	0.677	0.428	0.014	0.039	0.726	0.01 (-0.06, 0.09)	0.000	0.842	0.010	0.038	0.786	0.01 (-0.06, 0.08)	0.028	0.042	0.514	0.03 (-0.06, 0.11)
18873_8	CEACAM8	CEAM8	226	-0.023	0.022	0.286	-0.02 (-0.07, 0.02)	0.677	0.004	0.009	0.043	0.844	0.01 (-0.08, 0.09)	-0.002	0.404	0.000	0.039	0.995	-2.30e-04 (-0.08, 0.	-0.003	0.040	0.943	-2.89e-03 (-0.08, 0.08)
18933_4	TGM4	TGM4	226	-0.020	0.019	0.286	-0.02 (-0.06, 0.02)	0.677	0.497	-0.015	0.038	0.692	-0.02 (-0.09, 0.06)	0.000	0.879	0.006	0.036	0.878	0.01 (-0.06, 0.08)	-0.003	0.037	0.925	-3.45e-03 (-0.08, 0.07)
3324_51	LY9	LY9	226	-0.020	0.018	0.285	-0.02 (-0.06, 0.02)	0.677	0.106	0.005	0.039	0.902	4.84e-03 (-0.07, 0.08)	-0.002	0.473	-0.020	0.040	0.620	-0.02 (-0.10, 0.06)	-0.042	0.041	0.307	-0.04 (-0.12, 0.04)
4831_4	SELL	sL-Selectin	226	-0.023	0.021	0.286	-0.02 (-0.06, 0.02)	0.677	0.001	-0.006	0.043	0.884	-0.01 (-0.09, 0.08)	-0.001	0.659	-0.060	0.038	0.112	-0.06 (-0.13, 0.01)	-0.058	0.039	0.135	-0.06 (-0.13, 0.02)
7945_10	SEMA6A	Semaphori	226	0.022	0.021	0.286	0.02 (-0.02, 0.06)	0.677	0.003	0.107	0.042	0.012	0.11 (0.02, 0.19)	-0.005	0.022	0.056	0.034	0.106	0.06 (-0.01, 0.12)	0.050	0.040	0.217	0.05 (-0.03, 0.13)
9256_78	NPTX1	NPTX1	226	-0.023	0.021	0.285	-0.02 (-0.06, 0.02)	0.677	0.004	0.039	0.043	0.361	0.04 (-0.04, 0.12)	-0.004	0.096	-0.006	0.039	0.872	-0.01 (-0.08, 0.07)	0.000	0.036	0.992	3.61e-04 (-0.07, 0.07)
11444_49	POLR3F	RPC6	226	-0.020	0.019	0.286	-0.02 (-0.06, 0.02)	0.677	0.550	-0.007	0.039	0.858	-0.01 (-0.08, 0.07)	-0.001	0.687	-0.043	0.036	0.233	-0.04 (-0.11, 0.03)	-0.024	0.043	0.573	-0.02 (-0.11, 0.06)
5663_18	PF4V1	PF4V	226	-0.021	0.019	0.287	-0.02 (-0.06, 0.02)	0.678	0.258	-0.037	0.040	0.363	-0.04 (-0.12, 0.04)	0.001	0.647	-0.011	0.039	0.775	-0.01 (-0.09, 0.06)	-0.001	0.041	0.971	-1.49e-03 (-0.08, 0.08)
3858_5	ACP1	PPAC	226	-0.020	0.019	0.287	-0.02 (-0.06, 0.02)	0.678	0.634	-0.035	0.039	0.367	-0.03 (-0.11, 0.04)	0.001	0.666	-0.037	0.030	0.221	-0.04 (-0.10, 0.02)	-0.097	0.041	0.019	-0.10 (-0.18, -0.02)
13745_10	PKD2	PKD2	226	-0.021	0.019	0.287	-0.02 (-0.06, 0.02)	0.678	0.241	-0.028	0.040	0.494	-0.03 (-0.11, 0.05)	0.000	0.840	-0.015	0.041	0.717	-0.01 (-0.09, 0.06)	-0.015	0.042	0.726	-0.01 (-0.10, 0.07)
17456_53	GOLM1	GOLM1	226	0.067	0.063	0.288	0.07 (-0.06, 0.19)	0.679	0.00E+00	-0.009	0.127	0.943	-0.01 (-0.26, 0.24)	0.005	0.492	-0.030	0.040	0.451	-0.03 (-0.11, 0.05)	-0.031	0.043	0.479	-0.03 (-0.12, 0.05)
2637_77	MRC1	Macrophag	226	0.023	0.021	0.288	0.02 (-0.02, 0.06)	0.679	0.009	0.006	0.043	0.888	0.01 (-0.08, 0.09)	0.001	0.658	0.010	0.039	0.796	0.01 (-0.07, 0.09)	0.007	0.040	0.870	0.01 (-0.07, 0.08)
4471_50	TGM3	TGM3	226	-0.024	0.022	0.288	-0.02 (-0.07, 0.02)	0.679	0.001	-0.031	0.045	0.494	-0.03 (-0.12, 0.06)	0.000	0.855	-0.034	0.040	0.394	-0.03 (-0.11, 0.04)	-0.041	0.038	0.291	-0.04 (-0.12, 0.03)
5201_50	PDE9A	PDE9A	226	0.020	0.019	0.288	0.02 (-0.02, 0.06)	0.679	0.162	0.036	0.040	0.370	0.04 (-0.04, 0.12)	-0.001	0.651	0.044	0.031	0.154	0.04 (-0.02, 0.11)	0.076	0.042	0.071	0.08 (-0.01, 0.16)
6506_54	TMED10	TMEDA	226	-0.021	0.019	0.288	-0.02 (-0.06, 0.02)	0.679	0.111	-0.048	0.041	0.248	-0.05 (-0.13, 0.03)	0.002	0.449	-0.039	0.040	0.333	-0.04 (-0.12, 0.04)	-0.040	0.039	0.311	-0.04 (-0.12, 0.04)
9936_27	LNX1	LNX1	226	0.023	0.022	0.288	0.02 (-0.02, 0.07)	0.679	0.005	-0.012	0.044	0.792	-0.01 (-0.10, 0.07)	0.002	0.363	-0.002	0.038	0.948	-2.47e-03 (-0.08, 0.	0.010	0.038	0.789	0.01 (-0.06, 0.09)
14135_3	RXFP1	RXFP1	226	0.020	0.019	0.289	0.02 (-0.02, 0.06)	0.679	0.501	0.000	0.039	0.998	-1.18e-04 (-0.08, 0.08)	0.001	0.542	-0.025	0.033	0.442	-0.03 (-0.09, 0.04)	-0.028	0.042	0.501	-0.03 (-0.11, 0.05)
10336_3	STUB1	CHIP	226	0.019	0.018	0.289	0.02 (-0.02, 0.05)	0.679	0.060	0.011	0.039	0.776	0.01 (-0.07, 0.09)	0.001	0.813	-0.015	0.030	0.616	-0.02 (-0.07, 0.04)	-0.013	0.041	0.754	-0.01 (-0.09, 0.07)
19260_4	GIPC1	GIPC1	226	0.023	0.021	0.289	0.02 (-0.02, 0.06)	0.679	0.030	0.036	0.043	0.401	0.04 (-0.05, 0.12)	-0.001	0.716	0.050	0.038	0.188	0.05 (-0.02, 0.12)	0.050	0.042	0.237	0.05 (-0.03, 0.13)
12790_10	CCDC51	CCD51	226	-0.021	0.019	0.289	-0.02 (-0.06, 0.02)	0.679	0.590	-0.019	0.039	0.636	-0.02 (-0.10, 0.06)	0.000	0.952	-0.041	0.038	0.275	-0.04 (-0.11, 0.03)	-0.053	0.041	0.204	-0.05 (-0.13, 0.03)
13124_20	ISLR2	ISLR2	226	-0.024	0.023	0.289	-0.02 (-0.07, 0.02)	0.679	6.81E-06	0.037	0.046	0.421	0.04 (-0.05, 0.13)	-0.004	0.126	0.009	0.033	0.792	0.01 (-0.06, 0.07)	-0.019	0.041	0.643	-0.02 (-0.10, 0.06)
17787_1	ECHS1	Enoyl-CoA	226	-0.022	0.021	0.289	-0.02 (-0.06, 0.02)	0.679	0.045	0.005	0.042	0.897	0.01 (-0.08, 0.09)	-0.002	0.452	-0.060	0.036	0.095	-0.06 (-0.13, 0.01)	-0.056	0.042	0.188	-0.06 (-0.14, 0.03)
11664_32	ARFGAP2	ARFG2	226	0.019	0.018	0.290	0.02 (-0.02, 0.05)	0.680	0.486	0.008	0.036	0.828	0.01 (-0.06, 0.08)	0.001	0.723	-0.008	0.029	0.773	-0.01 (-0.06, 0.05)	-0.017	0.039	0.664	-0.02 (-0.09, 0.06)
6563_78	HSPA1A	HSP 70	226	0.021	0.020	0.290	0.02 (-0.02, 0.06)	0.680	0.032	0.015	0.041	0.713	0.01 (-0.06, 0.09)	0.000	0.858	0.042	0.033	0.205	0.04 (-0.02, 0.11)	0.037	0.041	0.377	0.04 (-0.04, 0.12)
11258_41	MADCAM1	MAdCAM-1	226	0.019	0.018	0.290	0.02 (-0.02, 0.05)	0.680	0.434	-0.011	0.036	0.756	-0.01 (-0.08, 0.06)	0.002	0.339	0.003	0.031	0.921	3.10e-03 (-0.06, 0.0	0.025	0.041	0.544	0.02 (-0.06, 0.11)
12521_3	CDKN2C	CDN2C	226	-0.020	0.019	0.291	-0.02 (-0.06, 0.02)	0.680	0.257	-0.041	0.040	0.310	-0.04 (-0.12, 0.04)	0.001	0.559	-0.001	0.036	0.972	-1.26e-03 (-0.07, 0.	-0.023	0.042	0.594	-0.02 (-0.11, 0.06)
12818_159	SLC14A2	UT2	226	0.020	0.019	0.291	0.02 (-0.02, 0.06)	0.680	0.274	0.049	0.040	0.218	0.05 (-0.03, 0.13)	-0.002	0.405	0.039	0.041	0.345	0.04 (-0.04, 0.12)	0.054	0.041	0.193	0.05 (-0.03, 0.13)
8310_6	ZG16B	U773	226	-0.021	0.019	0.291	-0.02 (-0.06, 0.02)	0.680	0.723	0.025	0.039	0.517	0.03 (-0.05, 0.10)	-0.003	0.178	0.015	0.033	0.658	0.01 (-0.05, 0.08)	0.034	0.040	0.395	0.03 (-0.04, 0.11)
18910_45	LIN7A	LIN7A	226	0.020	0.019	0.291	0.02 (-0.02, 0.06)	0.681	0.471	0.003	0.038	0.929	3.40e-03 (-0.07, 0.08)	0.001	0.618	0.041	0.035	0.243	0.04 (-0.03, 0.11)	0.036	0.042	0.390	0.04 (-0.05, 0.12)
19381_7	RGS21	RGS21	226	-0.021	0.020	0.291	-0.02 (-0.06, 0.02)	0.681	0.411	0.022	0.040	0.576	0.02 (-0.06, 0.10)	-0.003	0.215	-0.022	0.041	0.585	-0.02 (-0.10, 0.06)	-0.017	0.043	0.691	-0.02 (-0.10, 0.07)
18385_4	PSMD10	PSD10	226	-0.020	0.019	0.291	-0.02 (-0.06, 0.02)	0.681	0.108	-0.011	0.040	0.785	-0.01 (-0.09, 0.07)	-0.001	0.799	-0.034	0.039	0.381	-0.03 (-0.11, 0.04)	-0.027	0.042	0.518	-0.03 (-0.11, 0.06)
19323_1	EBAG9	RCAS1	226	-0.020	0.019	0.292	-0.02 (-0.06, 0.02)	0.682	0.894	0.042	0.039	0.279	0.04 (-0.03, 0.12)	-0.004	0.065	0.008	0.041	0.843	0.01 (-0.07, 0.09)	0.027	0.042	0.527	0.03 (-0.06, 0.11)
6451_64	ASPN	ASPN	226	0.019	0.018	0.292	0.02 (-0.02, 0.06)	0.682	0.079	0.049	0.039	0.211	0.05 (-0.03, 0.13)	-0.002	0.379	0.015	0.038	0.704	0.01 (-0.06, 0.09)	-0.006	0.039	0.877	-0.01 (-0.08, 0.07)
12482_5	BPTF	BPTF	226	0.030	0.029	0.293	0.03 (-0.03, 0.09)	0.682	1.10E-21	0.073	0.058	0.210	0.07 (-0.04, 0.19)	-0.003	0.397	0.047	0.032	0.142	0.05 (-0.02, 0.11)	0.072	0.046	0.116	0.07 (-0.02, 0.16)
13082_9	UNC45A	UN45A	226	0.019	0.018	0.293	0.02 (-0.02, 0.05)	0.682	0.301	0.048	0.037	0.197	0.05 (-0.02, 0.12)	-0.002	0.368	0.000	0.033	0.993	3.11e-04 (-0.06, 0.0	-0.005	0.038	0.902	-4.73e-03 (-0.08, 0.07)
13431_74	FAM159A	F159A	226	-0.020	0.019	0.293	-0.02 (-0.06, 0.02)	0.682	0.184	-0.037	0.040	0.348	-0.04 (-0.11, 0.04)	0.001	0.613	0.033	0.034	0.334	0.03 (-0.03, 0.10)	0.020	0.040	0.626	0.02 (-0.06, 0.10)
6450_8	FABP6	FABP6	226	-0.020	0.019	0.293	-0.02 (-0.06, 0.02)	0.682	0.394	0.035	0.039	0.382	0.03 (-0.04, 0.11)	-0.003	0.110	0.037	0.036	0.316	0.04 (-0.03, 0.11)	0.028	0.044	0.526	0.03 (-0.06, 0.11)
9974_8	DLL3	DLL3	226	0.020	0.019	0.293	0.02 (-0.02, 0.06)	0.682	0.154	0.007	0.041	0.871	0.01 (-0.07, 0.09)	0.001	0.699	-0.019	0.036	0.606	-0.02 (-0.09, 0.05)	-0.001	0.040	0.975	-1.24e-03 (-0.08, 0.08)
11145_72	KIAA1549L	K154L	226	0.025	0.023	0.293	0.02 (-0.02, 0.07)	0.683	3.11E-05	0.092	0.047	0.052	0.09 (-1.83e-04, 0.18)	-0.004	0.100	0.043	0.042	0.306	0.04 (-0.04, 0.13)	0.031	0.040	0.435	0.03 (-0.05, 0.11)
11638_42	B3GALT2	B3GT2	226	-0.020	0.019	0.293	-0.02 (-0.06, 0.02)	0.683	0.931	-0.025	0.039	0.516	-0.03 (-0.10, 0.05)	0.000	0.882	-0.040	0.035	0.255	-0.04 (-0.11, 0.03)	-0.031	0.040	0.444	-0.03 (-0.11, 0.05)
16773_29	SCUBE3	SCUB3	226	-0.022	0.021	0.293	-0.02 (-0.06, 0.02)	0.683	0.030	0.048	0.041	0.248	0.05 (-0.03, 0.13)	-0.004	0.054	0.022	0.035	0.527	0.02 (-0.05, 0.09)	0.016	0.043	0.703	0.02 (-0.07, 0.10)
4156_74	TGFB2	TGF-b2	226	-0.020	0.019	0.295	-0.02 (-0.06, 0.02)	0.685	0.086	0.013	0.040	0.744	0.01 (-0.07, 0.09)	-0.002	0.348	-0.026	0.035	0.457	-0.03 (-0.09, 0.04)	-0.022	0.041	0.589	-0.02 (-0.10, 0.06)
10588_39	ST3GAL5	SIAT9	226	0.020	0.020	0.295	0.02 (-0.02, 0.06)	0.686	0.729	0.000	0.039	0.995	-2.67e-04 (-0.08, 0.08)	0.001	0.544	-0.002	0.039	0.958	-2.09e-03 (-0.08, 0.	0.001	0.045	0.981	1.04e-03 (-0.09, 0.09)
14076_74	CST4	Cystatin-S	226	-0.020	0.019	0.295	-0.02 (-0.06, 0.02)	0.686	0.531	0.072	0.039	0.066	0.07 (-4.34e-03, 0.15)	-0.006	0.007	0.052	0.034	0.131	0.05 (-0.02, 0.12)	0.048	0.040	0.234	0.05 (-0.03, 0.13)
3359_11	CDK8	CDK8/cycli	226	0.020	0.019	0.295	0.02 (-0.02, 0.06)	0.686	0.056	0.010	0.041	0.801	0.01 (-0.07, 0.09)	0.001	0.792	-0.011	0.038	0.763	-0.01 (-0.09, 0.06)	-0.004	0.035	0.914	-3.80e-03 (-0.07, 0.07)
17408_2	PMM1	PMM1	226	0.020	0.020	0.296	0.02 (-0.02, 0.06)	0.686	0.154	-0.062	0.041	0.134	-0.06 (-0.14, 0.02)	0.005	0.022	-0.027	0.038	0.474	-0.03 (-0.10, 0.05)	-0.034	0.039	0.380	-0.03 (-0.11, 0.04)
19233_75	ATOX1	ATOX1	226	0.020	0.019	0.296	0.02 (-0.02, 0.06)	0.686	0.514	-0.039	0.038	0.315	-0.04 (-0.11, 0.04)	0.004	0.080	0.008	0.040	0.853	0.01 (-0.07, 0.09)	0.003	0.040	0.935	3.27e-03 (-0.08, 0.08)
8289_8	GPNMB	GPNMB	226	0.025	0.024	0.296	0.02 (-0.02, 0.07)	0.686	7.00E-06	0.055	0.048	0.248	0.06 (-0.04, 0.15)	-0.002	0.462	0.047	0.040	0.238	0.05 (-0.03, 0.12)	0.053	0.047	0.262	0.05 (-0.04, 0.14)
7857_22	NTS	NEUT	226	-0.020	0.019	0.296	-0.02 (-0.06, 0.02)	0.686	0.103	-0.023	0.041	0.582	-0.02 (-0.10, 0.06)	0.000	0.943	-0.039	0.037	0.295	-0.04 (-0.11, 0.03)	-0.024	0.041	0.559	-0.02 (-0.10, 0.06)
17823_40	SNRPD2	SMD2	226	0.019	0.018	0.297	0.02 (-0.02, 0.05)	0.687	0.470	-0.014	0.037	0.700	-0.01 (-0.09, 0.06)	0.002	0.300	-0.032	0.030	0.290	-0.03 (-0.09, 0.03)	-0.052	0.041	0.206	-0.05 (-0.13, 0.03)
5097_14	KIR3DS1	KI3S1	226	0.020	0.019	0.297	0.02 (-0.02, 0.06)	0.687	0.100	0.035	0.040	0.389	0.03 (-0.04, 0.11)	-0.001	0.667	0.004	0.040	0.917	4.17e-03 (-0.07, 0.0	0.012	0.043	0.785	0.01 (-0.07, 0.10)
7952_2	VTI1A	VTI1A	226	-0.020	0.019	0.297	-0.02 (-0.06, 0.02)	0.687	0.569	-0.062	0.038	0.101	-0.06 (-0.14, 0.01)	0.003	0.195	-0.050	0.031	0.110	-0.05 (-0.11, 0.01)	-0.069	0.038	0.071	-0.07 (-0.14, 0.01)
18403_25	AMPD2	AMPD2	226	0.018	0.018	0.297	0.02 (-0.02, 0.05)	0.688	0.650	0.007	0.036	0.847	0.01 (-0.06, 0.08)	0.001	0.709	-0.010	0.031	0.743	-0.01 (-0.07, 0.05)	-0.003	0.034	0.930	-3.03e-03 (-0.07, 0.06)
2524_56	HMGB1	HMG-1	226	0.022	0.021	0.297	0.02 (-0.02, 0.06)	0.688	0.005	-0.012	0.042	0.782	-0.01 (-0.09, 0.07)	0.002	0.362	-0.003	0.039	0.942	-2.82e-03 (-0.08, 0.	0.033	0.043	0.446	0.03 (-0.05, 0.12)
12867_40	DYNLT3	DYLT3	226	-0.020	0.019	0.298	-0.02 (-0.06, 0.02)	0.688	0.740	-0.011	0.039	0.781	-0.01 (-0.09, 0.07)	-0.001	0.784	-0.059	0.034	0.084	-0.06 (-0.12, 0.01)	-0.064	0.042	0.133	-0.06 (-0.15, 0.02)
6927_7	NDST1	NDST1	226	-0.026	0.025	0.298	-0.03 (-0.07, 0.02)	0.688	1.23E-09	0.023	0.050	0.650	0.02 (-0.08, 0.12)	-0.003	0.264	-0.059	0.041	0.151	-0.06 (-0.14, 0.02)	-0.051	0.045	0.252	-0.05 (-0.14, 0.04)
9870_17	WARS	SYWC	226	0.020	0.019	0.298	0.02 (-0.02, 0.06)	0.688	0.330	0.019	0.039	0.626	0.02 (-0.06, 0.10)	0.000	0.984	0.005	0.038	0.890	0.01 (-0.07, 0.08)	0.010	0.037	0.784	0.01 (-0.06, 0.08)
11614_29	ERH	ERH	226	0.019	0.018	0.300	0.02 (-0.02, 0.05)	0.688	0.092	0.042	0.039	0.274	0.04 (-0.03, 0.12)	-0.001	0.482	-0.014	0.030	0.650	-0.01 (-0.07, 0.05)	-0.022	0.041	0.597	-0.02 (-0.10, 0.06)
12587_65	ARL2	ARL2	226	0.053	0.051	0.300	0.05 (-0.05, 0.15)	0.688	2.23E-200	0.063	0.103	0.539	0.06 (-0.14, 0.26)	-0.001	0.907	0.043	0.032	0.182	0.04 (-0.02, 0.11)	0.086	0.044	0.052	0.09 (-2.99e-04, 0.17)
12718_43	PIN4	PIN4	226	0.019	0.018	0.299	0.02 (-0.02, 0.05)	0.688	0.796	0.000	0.036	0.990	4.53e-04 (-0.07, 0.07)	0.001	0.563	-0.024	0.029	0.406	-0.02 (-0.08, 0.03)	-0.043	0.041	0.294	-0.04 (-0.12, 0.04)
13435_31	IL20RB	IL-20 Rb	226	-0.022	0.021	0.300	-0.02 (-0.06, 0.02)	0.688	0.032	-0.011	0.043	0.796	-0.01 (-0.10, 0.07)	-0.001	0.770	-0.041	0.039	0.295	-0.04 (-0.12, 0.04)	-0.051	0.040	0.203	-0.05 (-0.13, 0.03)
14122_132	ZNRF3	ZNRF3	226	0.020	0.020	0.300	0.02 (-0.02, 0.06)	0.688	0.787	0.036	0.039	0.365	0.04 (-0.04, 0.11)	-0.001	0.650	0.045	0.034	0.185	0.05 (-0.02, 0.11)	0.051	0.045	0.265	0.05 (-0.04, 0.14)
17468_1	SUFU	SUFU	226	0.022	0.021	0.300	0.02 (-0.02, 0.06)	0.688	0.009	-0.006	0.043	0.888	-0.01 (-0.09, 0.08)	0.002	0.451	0.018	0.040	0.655	0.02 (-0.06, 0.10)	0.008	0.042	0.850	0.01 (-0.08, 0.09)
19117_3	PPP1R14A	PP14A	226	0.019	0.019	0.299	0.02 (-0.02, 0.06)	0.688	0.659	-0.014	0.037	0.712	-0.01 (-0.09, 0.06)	0.002	0.309	-0.012	0.031	0.697	-0.01 (-0.07, 0.05)	-0.013	0.037	0.731	-0.01 (-0.09, 0.06)
19272_9	PEF1	PEF1	226	-0.027	0.026	0.300	-0.03 (-0.08, 0.02)	0.688	5.75E-14	-0.056	0.053	0.289	-0.06 (-0.16, 0.05)	0.002	0.527	0.013	0.038	0.740	0.01 (-0.06, 0.09)	-0.006	0.042	0.889	-0.01 (-0.09, 0.08)
3423_59	CMA1	Chymase	226	0.022	0.021	0.300	0.02 (-0.02, 0.06)	0.688	0.005	-0.005	0.042	0.897	-0.01 (-0.09, 0.08)	0.002	0.459	-0.021	0.034	0.543	-0.02 (-0.09, 0.05)	-0.007	0.039	0.848	-0.01 (-0.08, 0.07)
5627_53	GNRH1	GON1	226	-0.020	0.019	0.299	-0.02 (-0.06, 0.02)	0.688	0.121	-0.022	0.041	0.596	-0.02 (-0.10, 0.06)	0.000	0.961	-0.015	0.040	0.704	-0.02 (-0.09, 0.06)	-0.010	0.041	0.814	-0.01 (-0.09, 0.07)
5691_2	CRISPLD2	CRLD2	226	-0.022	0.021	0.300	-0.02 (-0.06, 0.02)	0.688	0.010	-0.081	0.043	0.060	-0.08 (-0.17, 3.10e-03)	0.004	0.115	-0.056	0.041	0.174	-0.06 (-0.14, 0.02)	-0.043	0.041	0.290	-0.04 (-0.12, 0.04)
6119_14	MAMDC2	MAMC2	226	0.019	0.018	0.300	0.02 (-0.02, 0.05)	0.688	0.690	-0.003	0.037	0.930	-3.20e-03 (-0.07, 0.07)	0.001	0.488	-0.016	0.036	0.660	-0.02 (-0.09, 0.05)	-0.009	0.039	0.822	-0.01 (-0.09, 0.07)
6994_19	C3orf18	CC018	226	0.023	0.022	0.300	0.02 (-0.02, 0.07)	0.688	0.004	-0.021	0.044	0.631	-0.02 (-0.11, 0.07)	0.003	0.253	0.032	0.041	0.442	0.03 (-0.05, 0.11)	0.020	0.041	0.631	0.02 (-0.06, 0.10)
7766_25	ZP4	ZP4	226	0.019	0.018	0.300	0.02 (-0.02, 0.06)	0.688	0.280	-0.017	0.038	0.657	-0.02 (-0.09, 0.06)	0.002	0.276	-0.002	0.032	0.941	-2.37e-03 (-0.07, 0.	0.001	0.038	0.980	9.37e-04 (-0.07, 0.08)
8249_124	ALK	ALK	226	-0.020	0.019	0.299	-0.02 (-0.06, 0.02)	0.688	0.361	0.005	0.039	0.898	4.96e-03 (-0.07, 0.08)	-0.002	0.466	0.011	0.036	0.770	0.01 (-0.06, 0.08)	-0.006	0.045	0.902	-0.01 (-0.09, 0.08)
8958_51	CHL1	CHL1	226	-0.023	0.023	0.300	-0.02 (-0.07, 0.02)	0.688	0.001	0.094	0.045	0.036	0.09 (0.01, 0.18)	-0.007	0.003	0.005	0.036	0.881	0.01 (-0.07, 0.08)	0.001	0.043	0.982	9.79e-04 (-0.08, 0.08)
9744_139	DNAJA4	DNJA4	226	0.020	0.019	0.299	0.02 (-0.02, 0.06)	0.688	0.502	0.012	0.039	0.760	0.01 (-0.06, 0.09)	0.001	0.810	-0.030	0.032	0.348	-0.03 (-0.09, 0.03)	-0.019	0.041	0.637	-0.02 (-0.10, 0.06)
19581_15	IGFBP5	IGFBP-5	226	0.020	0.019	0.301	0.02 (-0.02, 0.06)	0.689	0.129	0.060	0.041	0.145	0.06 (-0.02, 0.14)	-0.002	0.264	0.052	0.036	0.143	0.05 (-0.02, 0.12)	0.053	0.039	0.176	0.05 (-0.02, 0.13)
7824_88	MSRB3	MSRB3	226	-0.020	0.020	0.301	-0.02 (-0.06, 0.02)	0.689	0.740	-0.012	0.039	0.760	-0.01 (-0.09, 0.07)	-0.001	0.811	-0.015	0.037	0.679	-0.02 (-0.09, 0.06)	-0.011	0.040	0.788	-0.01 (-0.09, 0.07)
4474_19	RPS27A	Ubiquitin	226	-0.019	0.019	0.301	-0.02 (-0.06, 0.02)	0.690	0.192	-0.032	0.039	0.420	-0.03 (-0.11, 0.05)	0.001	0.717	-0.067	0.034	0.049	-0.07 (-0.13, -2.05e-	-0.062	0.041	0.127	-0.06 (-0.14, 0.02)
18284_77	WWC1	WWC1	226	-0.020	0.020	0.302	-0.02 (-0.06, 0.02)	0.690	0.211	-0.004	0.041	0.928	-3.70e-03 (-0.08, 0.08)	-0.001	0.643	0.006	0.034	0.871	0.01 (-0.06, 0.07)	0.003	0.038	0.931	3.30e-03 (-0.07, 0.08)
5584_21	TCN2	Holo-TC II	226	-0.019	0.019	0.302	-0.02 (-0.06, 0.02)	0.690	0.201	-0.021	0.039	0.600	-0.02 (-0.10, 0.06)	0.000	0.970	-0.009	0.040	0.824	-0.01 (-0.09, 0.07)	-0.002	0.038	0.960	-1.91e-03 (-0.08, 0.07)
10675_223	TMX2	TMX2	226	0.022	0.021	0.303	0.02 (-0.02, 0.06)	0.691	0.036	-0.004	0.043	0.934	-3.51e-03 (-0.09, 0.08)	0.002	0.495	0.006	0.041	0.885	0.01 (-0.07, 0.09)	-0.008	0.040	0.843	-0.01 (-0.09, 0.07)
10975_59	MUCL1	MUCL1	226	-0.020	0.019	0.303	-0.02 (-0.06, 0.02)	0.691	0.550	-0.027	0.039	0.487	-0.03 (-0.10, 0.05)	0.000	0.833	-0.002	0.039	0.950	-2.47e-03 (-0.08, 0.	-0.021	0.040	0.592	-0.02 (-0.10, 0.06)
2942_50	CYCS	Cytochrome	226	0.020	0.019	0.303	0.02 (-0.02, 0.06)	0.691	0.374	0.092	0.039	0.020	0.09 (0.02, 0.17)	-0.004	0.035	0.042	0.039	0.283	0.04 (-0.03, 0.12)	0.045	0.041	0.269	0.05 (-0.03, 0.13)
18231_147	PRND	PRND	226	0.019	0.019	0.303	0.02 (-0.02, 0.06)	0.691	0.483	0.034	0.038	0.376	0.03 (-0.04, 0.11)	-0.001	0.664	0.055	0.036	0.125	0.06 (-0.02, 0.13)	0.047	0.035	0.185	0.05 (-0.02, 0.12)
6468_37	TAC4	TKN4	226	0.020	0.019	0.304	0.02 (-0.02, 0.06)	0.692	0.183	0.018	0.041	0.651	0.02 (-0.06, 0.10)	0.000	0.966	0.058	0.034	0.087	0.06 (-0.01, 0.12)	0.040	0.043	0.352	0.04 (-0.04, 0.13)
15432_1	OTOR	Otoraplin	226	-0.020	0.020	0.304	-0.02 (-0.06, 0.02)	0.692	0.523	-0.078	0.039	0.050	-0.08 (-0.15, -5.63e-04)	0.004	0.093	-0.026	0.042	0.537	-0.03 (-0.11, 0.06)	-0.025	0.043	0.553	-0.03 (-0.11, 0.06)
7092_7	PDILT	PDILT	226	-0.022	0.021	0.304	-0.02 (-0.06, 0.02)	0.693	0.035	-0.043	0.043	0.314	-0.04 (-0.13, 0.04)	0.001	0.566	-0.052	0.037	0.157	-0.05 (-0.12, 0.02)	-0.049	0.043	0.258	-0.05 (-0.13, 0.04)
7223_60	S100A13	S100A13	226	0.104	0.102	0.304	0.10 (-0.09, 0.30)	0.693	0.00E+00	0.154	0.205	0.452	0.15 (-0.25, 0.56)	-0.003	0.779	-0.011	0.033	0.733	-0.01 (-0.08, 0.05)	-0.002	0.045	0.963	-2.09e-03 (-0.09, 0.09)
11454_87	EIF3G	EIF3G	226	0.019	0.018	0.305	0.02 (-0.02, 0.05)	0.693	0.383	-0.006	0.037	0.879	-0.01 (-0.08, 0.07)	0.002	0.452	-0.006	0.030	0.850	-0.01 (-0.06, 0.05)	-0.040	0.040	0.317	-0.04 (-0.12, 0.04)
11538_216	MLYCD	DCMC	226	-0.018	0.018	0.305	-0.02 (-0.05, 0.02)	0.693	0.054	-0.023	0.039	0.556	-0.02 (-0.10, 0.05)	0.000	0.893	-0.054	0.034	0.116	-0.05 (-0.12, 0.01)	-0.038	0.038	0.314	-0.04 (-0.11, 0.04)
12993_21	NPLOC4	NPL4	226	0.019	0.018	0.305	0.02 (-0.02, 0.05)	0.693	0.662	0.037	0.037	0.310	0.04 (-0.03, 0.11)	-0.001	0.560	-0.010	0.033	0.768	-0.01 (-0.07, 0.05)	0.008	0.035	0.811	0.01 (-0.06, 0.08)
13056_18	SLC6A16	S6A16	226	0.020	0.019	0.305	0.02 (-0.02, 0.06)	0.693	0.282	-0.025	0.040	0.533	-0.03 (-0.10, 0.05)	0.003	0.198	-0.021	0.038	0.588	-0.02 (-0.09, 0.05)	-0.008	0.042	0.853	-0.01 (-0.09, 0.07)
17165_1	PPBP	BTG	226	0.018	0.017	0.305	0.02 (-0.02, 0.05)	0.693	0.179	-0.013	0.037	0.730	-0.01 (-0.08, 0.06)	0.002	0.338	-0.011	0.032	0.735	-0.01 (-0.07, 0.05)	0.000	0.037	0.997	-1.33e-04 (-0.07, 0.07)
17467_1	DHRS9	DHRS9	226	0.021	0.021	0.305	0.02 (-0.02, 0.06)	0.693	4.48E-04	-0.004	0.042	0.917	-4.40e-03 (-0.09, 0.08)	0.002	0.481	-0.028	0.032	0.380	-0.03 (-0.09, 0.03)	-0.020	0.039	0.607	-0.02 (-0.10, 0.06)
9796_4	CEL	CEL	226	0.019	0.018	0.305	0.02 (-0.02, 0.06)	0.693	0.073	-0.030	0.040	0.448	-0.03 (-0.11, 0.05)	0.003	0.155	-0.021	0.038	0.580	-0.02 (-0.10, 0.05)	-0.016	0.041	0.700	-0.02 (-0.10, 0.06)
10885_36	C6orf89	CF089	226	-0.020	0.019	0.305	-0.02 (-0.06, 0.02)	0.693	0.094	0.056	0.041	0.179	0.06 (-0.03, 0.14)	-0.005	0.036	0.031	0.039	0.421	0.03 (-0.05, 0.11)	0.034	0.042	0.418	0.03 (-0.05, 0.12)
10364_6	SMAD2	SMAD2	226	0.019	0.018	0.306	0.02 (-0.02, 0.05)	0.693	0.638	0.014	0.036	0.708	0.01 (-0.06, 0.09)	0.000	0.878	-0.016	0.031	0.602	-0.02 (-0.08, 0.05)	-0.016	0.040	0.678	-0.02 (-0.09, 0.06)
5716_49	CSAG1	CSAG1	226	0.020	0.019	0.306	0.02 (-0.02, 0.06)	0.693	0.114	0.051	0.041	0.214	0.05 (-0.03, 0.13)	-0.002	0.379	0.002	0.039	0.950	2.45e-03 (-0.07, 0.0	0.034	0.044	0.433	0.03 (-0.05, 0.12)
12807_89	ARHGAP3	RHG30	226	0.022	0.021	0.307	0.02 (-0.02, 0.06)	0.693	0.001	-0.021	0.042	0.617	-0.02 (-0.10, 0.06)	0.003	0.246	-0.012	0.037	0.745	-0.01 (-0.08, 0.06)	0.004	0.040	0.931	3.53e-03 (-0.08, 0.08)
15416_54	LYG2	LYG2	226	0.019	0.019	0.306	0.02 (-0.02, 0.06)	0.693	0.445	-0.009	0.038	0.807	-0.01 (-0.08, 0.07)	0.002	0.389	0.000	0.031	0.988	-4.73e-04 (-0.06, 0.	-0.017	0.043	0.691	-0.02 (-0.10, 0.07)
19212_4	DMBT1	DMBT1	226	-0.020	0.019	0.307	-0.02 (-0.06, 0.02)	0.693	0.054	-0.001	0.042	0.976	-1.27e-03 (-0.08, 0.08)	-0.001	0.612	-0.023	0.039	0.551	-0.02 (-0.10, 0.05)	0.029	0.047	0.544	0.03 (-0.06, 0.12)
2737_22	NOV	NovH	226	0.020	0.020	0.307	0.02 (-0.02, 0.06)	0.693	0.182	0.005	0.041	0.904	4.97e-03 (-0.08, 0.09)	0.001	0.674	0.004	0.040	0.911	4.44e-03 (-0.07, 0.0	0.017	0.044	0.701	0.02 (-0.07, 0.10)
2939_10	ARTN	Artemin	226	0.020	0.019	0.306	0.02 (-0.02, 0.06)	0.693	0.179	0.026	0.041	0.524	0.03 (-0.05, 0.11)	0.000	0.861	0.056	0.037	0.138	0.06 (-0.02, 0.13)	0.065	0.043	0.131	0.07 (-0.02, 0.15)
5117_14	ROBO3	ROBO3	226	-0.020	0.019	0.307	-0.02 (-0.06, 0.02)	0.693	0.921	0.058	0.039	0.138	0.06 (-0.02, 0.13)	-0.005	0.022	0.009	0.040	0.827	0.01 (-0.07, 0.09)	-0.013	0.044	0.762	-0.01 (-0.10, 0.07)
11448_34	GALK1	GALK1	226	0.019	0.019	0.308	0.02 (-0.02, 0.06)	0.693	0.497	0.033	0.038	0.378	0.03 (-0.04, 0.11)	-0.001	0.665	-0.019	0.033	0.556	-0.02 (-0.08, 0.05)	-0.014	0.039	0.730	-0.01 (-0.09, 0.06)
12389_4	ORC6L	ORC6	226	0.020	0.019	0.307	0.02 (-0.02, 0.06)	0.693	0.678	-0.027	0.038	0.476	-0.03 (-0.10, 0.05)	0.003	0.161	0.000	0.038	0.993	-3.35e-04 (-0.07, 0.	0.004	0.042	0.924	4.06e-03 (-0.08, 0.09)
13494_6	CERS5	CERS5	226	0.020	0.019	0.307	0.02 (-0.02, 0.06)	0.693	0.138	-0.016	0.041	0.689	-0.02 (-0.10, 0.06)	0.002	0.309	-0.028	0.037	0.448	-0.03 (-0.10, 0.04)	-0.028	0.042	0.511	-0.03 (-0.11, 0.06)
15453_3	AMBP	a1-Microglc	226	0.022	0.021	0.307	0.02 (-0.02, 0.06)	0.693	0.003	-0.061	0.043	0.156	-0.06 (-0.14, 0.02)	0.005	0.027	-0.026	0.032	0.410	-0.03 (-0.09, 0.04)	-0.064	0.042	0.123	-0.06 (-0.15, 0.02)
17774_38	SNRPD3	SMD3	226	0.021	0.021	0.307	0.02 (-0.02, 0.06)	0.693	0.036	0.003	0.042	0.936	3.42e-03 (-0.08, 0.09)	0.001	0.625	-0.016	0.037	0.673	-0.02 (-0.09, 0.06)	-0.014	0.038	0.715	-0.01 (-0.09, 0.06)
18824_7	EIF4A2	IF4A2	226	0.019	0.019	0.307	0.02 (-0.02, 0.06)	0.693	0.589	0.034	0.038	0.371	0.03 (-0.04, 0.11)	-0.001	0.654	-0.009	0.038	0.818	-0.01 (-0.08, 0.07)	0.022	0.040	0.586	0.02 (-0.06, 0.10)
2753_2	C1QA	C1q	226	0.020	0.020	0.308	0.02 (-0.02, 0.06)	0.693	0.333	0.035	0.040	0.391	0.03 (-0.04, 0.11)	-0.001	0.676	0.020	0.040	0.617	0.02 (-0.06, 0.10)	0.018	0.042	0.662	0.02 (-0.06, 0.10)
12008_3	CD7	CD7	226	-0.019	0.019	0.309	-0.02 (-0.06, 0.02)	0.694	0.410	-0.013	0.038	0.729	-0.01 (-0.09, 0.06)	0.000	0.860	-0.014	0.039	0.722	-0.01 (-0.09, 0.06)	-0.008	0.037	0.829	-0.01 (-0.08, 0.06)
14245_195	SNX7	SNX7	226	0.021	0.021	0.308	0.02 (-0.02, 0.06)	0.694	0.049	0.005	0.042	0.905	0.01 (-0.08, 0.09)	0.001	0.658	0.055	0.039	0.153	0.05 (-0.02, 0.13)	0.045	0.046	0.333	0.04 (-0.05, 0.14)
4136_40	IL17D	IL-17D	226	0.020	0.019	0.308	0.02 (-0.02, 0.06)	0.694	0.270	-0.011	0.040	0.784	-0.01 (-0.09, 0.07)	0.002	0.378	0.014	0.033	0.673	0.01 (-0.05, 0.08)	-0.013	0.043	0.768	-0.01 (-0.10, 0.07)
4880_21	GDF2	GDF2	226	-0.019	0.018	0.308	-0.02 (-0.06, 0.02)	0.694	0.096	0.064	0.039	0.104	0.06 (-0.01, 0.14)	-0.005	0.016	0.006	0.032	0.848	0.01 (-0.06, 0.07)	0.034	0.037	0.361	0.03 (-0.04, 0.11)
8971_9	NRXN1	NRX1A	226	-0.024	0.023	0.308	-0.02 (-0.07, 0.02)	0.694	5.12E-05	-0.015	0.047	0.753	-0.01 (-0.11, 0.08)	-0.001	0.827	0.007	0.039	0.862	0.01 (-0.07, 0.08)	0.016	0.036	0.661	0.02 (-0.06, 0.09)
9243_10	LYG1	LYG1	226	-0.022	0.022	0.309	-0.02 (-0.06, 0.02)	0.694	0.016	-0.101	0.043	0.020	-0.10 (-0.19, -0.02)	0.005	0.035	-0.050	0.034	0.136	-0.05 (-0.12, 0.02)	-0.068	0.046	0.135	-0.07 (-0.16, 0.02)
5656_53	ENDOU	PP11	226	-0.020	0.020	0.309	-0.02 (-0.06, 0.02)	0.694	0.070	0.027	0.042	0.528	0.03 (-0.06, 0.11)	-0.003	0.204	-0.007	0.041	0.862	-0.01 (-0.09, 0.07)	0.001	0.044	0.984	9.07e-04 (-0.09, 0.09)
6547_83	TMPRSS11	TM11D	226	-0.020	0.020	0.309	-0.02 (-0.06, 0.02)	0.694	0.222	-0.046	0.041	0.266	-0.05 (-0.13, 0.03)	0.002	0.470	0.001	0.037	0.978	1.04e-03 (-0.07, 0.0	-0.016	0.041	0.695	-0.02 (-0.10, 0.06)
4137_57	IL25	IL-17E	226	0.021	0.021	0.309	0.02 (-0.02, 0.06)	0.694	0.038	0.016	0.042	0.697	0.02 (-0.07, 0.10)	0.000	0.896	0.011	0.033	0.739	0.01 (-0.05, 0.07)	0.016	0.039	0.691	0.02 (-0.06, 0.09)
6899_37	PCBD2	PHS2	226	-0.019	0.019	0.310	-0.02 (-0.06, 0.02)	0.695	0.051	-0.011	0.041	0.782	-0.01 (-0.09, 0.07)	0.000	0.826	-0.039	0.039	0.318	-0.04 (-0.11, 0.04)	-0.034	0.042	0.422	-0.03 (-0.12, 0.05)
3459_49	PDGFRB	PDGF Rb	226	0.020	0.019	0.310	0.02 (-0.02, 0.06)	0.695	0.587	0.031	0.039	0.429	0.03 (-0.05, 0.11)	-0.001	0.740	-0.021	0.038	0.573	-0.02 (-0.10, 0.05)	-0.015	0.043	0.732	-0.01 (-0.10, 0.07)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
16320_139	CD320	CD320	226	-0.021	0.021	0.310	-0.02 (-0.06, 0.02)	0.695	0.019	-0.045	0.043	0.296	-0.04 (-0.13, 0.04)	0.001	0.532	-0.056	0.032	0.083	-0.06 (-0.12, 0.01)	-0.114	0.042	0.007	-0.11 (-0.20, -0.03)
5680_54	OBP2B	OBP2B	226	-0.019	0.018	0.311	-0.02 (-0.05, 0.02)	0.696	0.176	0.014	0.039	0.714	0.01 (-0.06, 0.09)	-0.002	0.329	-0.003	0.040	0.944	-2.78e-03 (-0.08, 0.0	-0.004	0.039	0.913	-4.29e-03 (-0.08, 0.07)
6273_58	LEPRE1	P3H1	226	0.019	0.019	0.311	0.02 (-0.02, 0.06)	0.696	0.374	-0.001	0.038	0.972	-1.32e-03 (-0.08, 0.07)	0.001	0.542	0.010	0.039	0.789	0.01 (-0.07, 0.09)	0.010	0.042	0.809	0.01 (-0.07, 0.09)
10713_151	CD300LB	CLM7	226	-0.019	0.019	0.311	-0.02 (-0.06, 0.02)	0.696	0.531	-0.026	0.039	0.495	-0.03 (-0.10, 0.05)	0.000	0.836	0.003	0.038	0.946	2.57e-03 (-0.07, 0.0	0.006	0.040	0.882	0.01 (-0.07, 0.08)
12450_42	PMVK	PMVK	226	0.018	0.018	0.311	0.02 (-0.02, 0.05)	0.696	0.475	0.040	0.036	0.273	0.04 (-0.03, 0.11)	-0.001	0.491	-0.006	0.031	0.836	-0.01 (-0.07, 0.05)	-0.009	0.038	0.817	-0.01 (-0.08, 0.07)
12705_9	HERC1	HERC1	226	-0.019	0.019	0.311	-0.02 (-0.06, 0.02)	0.696	0.115	-0.035	0.041	0.395	-0.03 (-0.12, 0.05)	0.001	0.664	-0.018	0.039	0.634	-0.02 (-0.09, 0.06)	-0.035	0.041	0.397	-0.03 (-0.12, 0.05)
5255_22	PDE4D	PDE4D	226	-0.020	0.020	0.312	-0.02 (-0.06, 0.02)	0.697	0.590	-0.028	0.039	0.470	-0.03 (-0.11, 0.05)	0.001	0.799	-0.018	0.038	0.635	-0.02 (-0.09, 0.06)	-0.018	0.041	0.658	-0.02 (-0.10, 0.06)
19614_8	TCN1	Holo-TC I	226	-0.022	0.022	0.312	-0.02 (-0.07, 0.02)	0.697	0.001	-0.007	0.044	0.872	-0.01 (-0.09, 0.08)	-0.001	0.696	-0.004	0.040	0.928	-3.60e-03 (-0.08, 0.0	-0.024	0.041	0.553	-0.02 (-0.10, 0.06)
9762_14	VASP	VASP	226	-0.019	0.019	0.312	-0.02 (-0.06, 0.02)	0.697	0.931	0.010	0.039	0.793	0.01 (-0.07, 0.09)	-0.002	0.380	-0.012	0.038	0.758	-0.01 (-0.09, 0.06)	-0.023	0.041	0.568	-0.02 (-0.10, 0.06)
14132_21	HHLA2	HHLA2	226	0.019	0.019	0.313	0.02 (-0.02, 0.06)	0.698	0.249	-0.031	0.039	0.420	-0.03 (-0.11, 0.04)	0.003	0.137	-0.015	0.037	0.676	-0.02 (-0.09, 0.06)	-0.018	0.041	0.657	-0.02 (-0.10, 0.06)
10086_39	CBS	CBS	226	-0.020	0.020	0.314	-0.02 (-0.06, 0.02)	0.698	0.959	-0.053	0.039	0.181	-0.05 (-0.13, 0.02)	0.002	0.332	-0.028	0.040	0.488	-0.03 (-0.11, 0.05)	-0.020	0.039	0.614	-0.02 (-0.10, 0.06)
10772_21	CSGALNA	CGAT2	226	0.019	0.019	0.314	0.02 (-0.02, 0.06)	0.698	0.161	-0.003	0.041	0.934	-3.37e-03 (-0.08, 0.08)	0.001	0.519	0.028	0.039	0.464	0.03 (-0.05, 0.10)	0.012	0.038	0.749	0.01 (-0.06, 0.09)
11530_37	HMBS	HEM3	226	-0.019	0.019	0.314	-0.02 (-0.06, 0.02)	0.698	0.335	-0.003	0.039	0.931	-3.42e-03 (-0.08, 0.07)	-0.001	0.643	-0.046	0.040	0.254	-0.05 (-0.12, 0.03)	-0.050	0.042	0.233	-0.05 (-0.13, 0.03)
11540_37	FOXO3	FOXO3A	226	0.018	0.018	0.315	0.02 (-0.02, 0.05)	0.698	0.254	0.010	0.038	0.784	0.01 (-0.06, 0.09)	0.000	0.810	-0.018	0.031	0.559	-0.02 (-0.08, 0.04)	-0.027	0.039	0.479	-0.03 (-0.10, 0.05)
12838_28	DUSP15	DUS15	226	0.020	0.019	0.314	0.02 (-0.02, 0.06)	0.698	0.121	0.010	0.041	0.809	0.01 (-0.07, 0.09)	0.001	0.791	0.018	0.041	0.652	0.02 (-0.06, 0.10)	0.032	0.039	0.409	0.03 (-0.04, 0.11)
13384_110	FH	FUMH	226	0.019	0.019	0.315	0.02 (-0.02, 0.06)	0.698	0.695	0.015	0.039	0.697	0.02 (-0.06, 0.09)	0.000	0.901	0.007	0.034	0.838	0.01 (-0.06, 0.07)	-0.005	0.044	0.912	-4.84e-03 (-0.09, 0.08)
13615_60	NCK2	NCK2	226	0.019	0.019	0.315	0.02 (-0.02, 0.06)	0.698	0.689	0.045	0.038	0.239	0.04 (-0.03, 0.12)	-0.002	0.433	0.034	0.031	0.274	0.03 (-0.03, 0.10)	0.009	0.040	0.829	0.01 (-0.07, 0.09)
13621_31	AP2A2	AP2A2	226	-0.018	0.018	0.314	-0.02 (-0.05, 0.02)	0.698	0.915	-0.020	0.037	0.589	-0.02 (-0.09, 0.05)	0.000	0.962	-0.057	0.032	0.075	-0.06 (-0.12, 0.01)	-0.059	0.040	0.140	-0.06 (-0.14, 0.02)
13689_2	ODC1	Ornithine de	226	-0.018	0.018	0.315	-0.02 (-0.05, 0.02)	0.698	0.174	0.018	0.038	0.633	0.02 (-0.06, 0.09)	-0.002	0.271	0.016	0.032	0.625	0.02 (-0.05, 0.08)	0.004	0.039	0.915	4.14e-03 (-0.07, 0.08)
18166_4	RHOB	RHOB	226	0.019	0.019	0.315	0.02 (-0.02, 0.06)	0.698	0.906	0.022	0.039	0.562	0.02 (-0.05, 0.10)	0.000	0.924	-0.009	0.034	0.779	-0.01 (-0.08, 0.06)	-0.013	0.042	0.764	-0.01 (-0.10, 0.07)
18184_28	GMPS	GUAA	226	0.019	0.019	0.314	0.02 (-0.02, 0.06)	0.698	0.256	0.014	0.039	0.725	0.01 (-0.06, 0.09)	0.000	0.879	0.020	0.031	0.508	0.02 (-0.04, 0.08)	0.012	0.039	0.760	0.01 (-0.06, 0.09)
19176_27	FAM49B	FA49B	226	0.018	0.018	0.316	0.02 (-0.02, 0.05)	0.698	0.513	-0.008	0.036	0.832	-0.01 (-0.08, 0.06)	0.002	0.414	-0.013	0.029	0.642	-0.01 (-0.07, 0.04)	-0.033	0.042	0.434	-0.03 (-0.12, 0.05)
3078_1	PGF	PIGF	226	0.019	0.019	0.316	0.02 (-0.02, 0.06)	0.698	0.212	0.014	0.039	0.723	0.01 (-0.06, 0.09)	0.000	0.885	-0.004	0.036	0.916	-3.79e-03 (-0.07, 0.0	0.004	0.038	0.927	3.53e-03 (-0.07, 0.08)
3903_49	SNX4	Sorting nex	226	0.018	0.018	0.315	0.02 (-0.02, 0.05)	0.698	0.104	-0.008	0.039	0.836	-0.01 (-0.08, 0.07)	0.002	0.435	-0.021	0.030	0.493	-0.02 (-0.08, 0.04)	-0.058	0.041	0.162	-0.06 (-0.14, 0.02)
4560_34	LCK	LCK	226	0.018	0.018	0.314	0.02 (-0.02, 0.05)	0.698	0.393	-0.041	0.037	0.266	-0.04 (-0.11, 0.03)	0.004	0.065	-0.031	0.035	0.380	-0.03 (-0.10, 0.04)	-0.035	0.038	0.351	-0.04 (-0.11, 0.04)
4891_50	GCG	Glucagon	226	-0.020	0.019	0.315	-0.02 (-0.06, 0.02)	0.698	0.895	0.016	0.039	0.687	0.02 (-0.06, 0.09)	-0.002	0.300	-0.007	0.038	0.846	-0.01 (-0.08, 0.07)	-0.006	0.042	0.895	-0.01 (-0.09, 0.08)
5109_24	NRCAM	Nr-CAM	226	0.022	0.022	0.315	0.02 (-0.02, 0.07)	0.698	2.57E-04	0.076	0.045	0.093	0.08 (-0.01, 0.16)	-0.003	0.174	0.047	0.039	0.229	0.05 (-0.03, 0.12)	0.020	0.042	0.629	0.02 (-0.06, 0.10)
5224_20	CSNK2A1	CSK21	226	-0.020	0.020	0.315	-0.02 (-0.06, 0.02)	0.698	0.545	-0.007	0.039	0.860	-0.01 (-0.08, 0.07)	-0.001	0.710	0.003	0.039	0.938	3.03e-03 (-0.07, 0.0	-0.022	0.038	0.560	-0.02 (-0.10, 0.05)
7875_86	PLEK	PLEK	226	-0.019	0.019	0.316	-0.02 (-0.06, 0.02)	0.698	0.507	-0.007	0.038	0.857	-0.01 (-0.08, 0.07)	-0.001	0.715	-0.056	0.032	0.082	-0.06 (-0.12, 0.01)	-0.054	0.039	0.164	-0.05 (-0.13, 0.02)
9171_11	CSRP3	CSRP3	226	0.019	0.019	0.315	0.02 (-0.02, 0.06)	0.698	0.682	0.005	0.038	0.896	4.93e-03 (-0.07, 0.08)	0.001	0.672	-0.023	0.033	0.490	-0.02 (-0.09, 0.04)	-0.016	0.042	0.698	-0.02 (-0.10, 0.07)
9234_8	TWSG1	TWSG1	226	-0.021	0.020	0.315	-0.02 (-0.06, 0.02)	0.698	0.008	-0.041	0.041	0.325	-0.04 (-0.12, 0.04)	0.001	0.575	-0.074	0.034	0.027	-0.07 (-0.14, -0.01)	-0.081	0.038	0.034	-0.08 (-0.16, -0.01)
9255_5	IL17C	IL-17C	226	0.019	0.019	0.314	0.02 (-0.02, 0.06)	0.698	0.668	-0.014	0.039	0.712	-0.01 (-0.09, 0.06)	0.002	0.318	-0.017	0.038	0.646	-0.02 (-0.09, 0.06)	-0.012	0.041	0.771	-0.01 (-0.09, 0.07)
15509_2	NAGLU	NAG	226	-0.019	0.019	0.316	-0.02 (-0.06, 0.02)	0.698	0.575	-0.055	0.038	0.145	-0.06 (-0.13, 0.02)	0.002	0.268	-0.002	0.036	0.952	-2.18e-03 (-0.07, 0.0	-0.022	0.040	0.583	-0.02 (-0.10, 0.06)
10571_14	MGAT1	MGAT1	226	-0.019	0.019	0.317	-0.02 (-0.06, 0.02)	0.699	0.826	-0.038	0.038	0.320	-0.04 (-0.11, 0.04)	0.001	0.566	-0.014	0.032	0.658	-0.01 (-0.08, 0.05)	-0.020	0.038	0.604	-0.02 (-0.10, 0.06)
10847_1	SIGLEC15	SIG15	226	-0.020	0.020	0.317	-0.02 (-0.06, 0.02)	0.699	0.268	-0.057	0.040	0.161	-0.06 (-0.14, 0.02)	0.002	0.289	0.004	0.038	0.925	3.56e-03 (-0.07, 0.0	0.001	0.041	0.980	1.03e-03 (-0.08, 0.08)
6294_11	BAGE2	BAGE2	226	0.018	0.018	0.317	0.02 (-0.02, 0.05)	0.699	0.117	0.004	0.038	0.924	3.60e-03 (-0.07, 0.08)	0.001	0.666	-0.034	0.032	0.296	-0.03 (-0.10, 0.03)	-0.068	0.040	0.091	-0.07 (-0.15, 0.01)
6511_17	FAM19A4	F19A4	226	0.019	0.019	0.317	0.02 (-0.02, 0.06)	0.699	0.915	0.045	0.038	0.240	0.04 (-0.03, 0.12)	-0.002	0.433	0.016	0.038	0.671	0.02 (-0.06, 0.09)	0.001	0.042	0.972	1.47e-03 (-0.08, 0.08)
8274_64	STX7	Syntaxin-7	226	-0.019	0.019	0.316	-0.02 (-0.06, 0.02)	0.699	0.445	-0.025	0.038	0.514	-0.02 (-0.10, 0.05)	0.000	0.854	-0.044	0.032	0.175	-0.04 (-0.11, 0.02)	-0.031	0.039	0.427	-0.03 (-0.11, 0.05)
8946_38	NR1H4	NR1H4	226	-0.020	0.020	0.317	-0.02 (-0.06, 0.02)	0.699	0.277	-0.014	0.041	0.738	-0.01 (-0.09, 0.07)	0.000	0.865	0.011	0.032	0.735	0.01 (-0.05, 0.07)	0.031	0.044	0.478	0.03 (-0.05, 0.12)
9838_4	SMAD1	SMAD1	226	0.018	0.018	0.317	0.02 (-0.02, 0.05)	0.699	0.710	-0.020	0.037	0.591	-0.02 (-0.09, 0.05)	0.002	0.234	0.002	0.031	0.954	1.78e-03 (-0.06, 0.0	-0.032	0.041	0.434	-0.03 (-0.11, 0.05)
10916_44	PLA2R1	PLA2R	226	-0.021	0.021	0.319	-0.02 (-0.06, 0.02)	0.699	0.002	0.020	0.043	0.645	0.02 (-0.06, 0.10)	-0.003	0.272	0.019	0.040	0.631	0.02 (-0.06, 0.10)	0.010	0.042	0.813	0.01 (-0.07, 0.09)
13744_37	IL3RA	IL-3 Ra	226	-0.035	0.035	0.318	-0.04 (-0.10, 0.03)	0.699	1.39E-70	0.009	0.071	0.904	0.01 (-0.13, 0.15)	-0.003	0.480	-0.016	0.039	0.684	-0.02 (-0.09, 0.06)	-0.056	0.041	0.182	-0.06 (-0.14, 0.03)
15394_79	UNC5B	UNC5B	226	-0.018	0.019	0.319	-0.02 (-0.05, 0.02)	0.699	0.051	0.006	0.040	0.887	0.01 (-0.07, 0.08)	-0.002	0.489	-0.014	0.035	0.701	-0.01 (-0.08, 0.06)	-0.016	0.036	0.664	-0.02 (-0.09, 0.06)
3000_66	MBL2	MBL	226	0.028	0.028	0.319	0.03 (-0.03, 0.08)	0.699	1.06E-18	0.000	0.057	0.997	-2.07e-04 (-0.11, 0.11)	0.002	0.567	-0.026	0.042	0.534	-0.03 (-0.11, 0.06)	-0.021	0.045	0.647	-0.02 (-0.11, 0.07)
3029_52	CD209	DC-SIGN	226	0.093	0.094	0.318	0.09 (-0.09, 0.28)	0.699	0.00E+00	0.020	0.189	0.917	0.02 (-0.35, 0.39)	0.005	0.654	-0.026	0.040	0.504	-0.03 (-0.10, 0.05)	0.002	0.041	0.954	2.37e-03 (-0.08, 0.08)
3173_49	NAAA	ASAHL	226	0.024	0.024	0.318	0.02 (-0.02, 0.07)	0.699	3.05E-06	0.044	0.048	0.357	0.04 (-0.05, 0.14)	-0.001	0.623	-0.009	0.032	0.786	-0.01 (-0.07, 0.05)	-0.023	0.042	0.584	-0.02 (-0.10, 0.06)
3364_76	CTSV	Cathepsin \	226	-0.018	0.018	0.319	-0.02 (-0.05, 0.02)	0.699	0.106	0.042	0.039	0.287	0.04 (-0.03, 0.12)	-0.004	0.078	0.001	0.038	0.971	1.40e-03 (-0.07, 0.0	0.000	0.038	0.992	3.83e-04 (-0.07, 0.08)
3472_40	BIRC5	Survivin	226	0.020	0.020	0.318	0.02 (-0.02, 0.06)	0.699	0.096	-0.020	0.042	0.631	-0.02 (-0.10, 0.06)	0.002	0.275	-0.005	0.041	0.903	-0.01 (-0.09, 0.08)	-0.013	0.042	0.762	-0.01 (-0.10, 0.07)
5134_52	HAVCR2	TIMD3	226	-0.019	0.019	0.319	-0.02 (-0.06, 0.02)	0.699	0.415	-0.057	0.039	0.138	-0.06 (-0.13, 0.02)	0.002	0.251	-0.065	0.038	0.087	-0.06 (-0.14, 0.01)	-0.065	0.037	0.082	-0.06 (-0.14, 0.01)
5236_2	NR1D1	NR1D1	226	0.019	0.019	0.318	0.02 (-0.02, 0.06)	0.699	0.156	0.109	0.040	0.007	0.11 (0.03, 0.19)	-0.006	0.010	0.082	0.033	0.014	0.08 (0.02, 0.15)	0.094	0.044	0.032	0.09 (0.01, 0.18)
5476_66	PRKCG	PKC-G	226	-0.019	0.020	0.318	-0.02 (-0.06, 0.02)	0.699	0.516	-0.053	0.039	0.175	-0.05 (-0.13, 0.02)	0.002	0.321	-0.030	0.040	0.446	-0.03 (-0.11, 0.05)	-0.020	0.038	0.608	-0.02 (-0.09, 0.06)
9015_1	PRG3	PRG3	226	-0.024	0.024	0.319	-0.02 (-0.07, 0.02)	0.699	6.96E-09	0.053	0.049	0.279	0.05 (-0.04, 0.15)	-0.005	0.069	-0.024	0.042	0.557	-0.02 (-0.11, 0.06)	-0.060	0.041	0.139	-0.06 (-0.14, 0.02)
11476_43	VPS4A	VPS4A	226	0.018	0.019	0.319	0.02 (-0.02, 0.05)	0.699	0.907	0.000	0.037	0.992	-3.67e-04 (-0.07, 0.07)	0.001	0.562	-0.004	0.033	0.897	-4.33e-03 (-0.07, 0.0	0.003	0.040	0.934	3.34e-03 (-0.08, 0.08)
11672_17	KIF16B	KI16B	226	0.020	0.020	0.320	0.02 (-0.02, 0.06)	0.699	0.048	-0.012	0.041	0.769	-0.01 (-0.09, 0.07)	0.002	0.366	-0.001	0.039	0.972	-1.35e-03 (-0.08, 0.0	0.011	0.039	0.780	0.01 (-0.07, 0.09)
4140_3	IL7	IL-7	226	0.019	0.019	0.319	0.02 (-0.02, 0.06)	0.699	0.108	0.011	0.042	0.794	0.01 (-0.07, 0.09)	0.001	0.813	0.001	0.040	0.973	1.38e-03 (-0.08, 0.0	0.000	0.041	1.000	1.17e-06 (-0.08, 0.08)
5704_74	GZMM	Granzyme I	226	0.022	0.022	0.320	0.02 (-0.02, 0.06)	0.699	0.002	0.059	0.044	0.181	0.06 (-0.03, 0.14)	-0.002	0.330	0.001	0.036	0.978	9.71e-04 (-0.07, 0.0	0.017	0.042	0.682	0.02 (-0.06, 0.10)
15402_2	ID1	ID-1	226	-0.021	0.021	0.320	-0.02 (-0.06, 0.02)	0.700	0.037	-0.018	0.042	0.670	-0.02 (-0.10, 0.06)	0.000	0.940	-0.004	0.038	0.923	-3.69e-03 (-0.08, 0.0	-0.013	0.039	0.745	-0.01 (-0.09, 0.06)
9506_10	APOL1	Apo L1	226	-0.019	0.019	0.320	-0.02 (-0.06, 0.02)	0.700	0.834	-0.010	0.038	0.791	-0.01 (-0.08, 0.06)	-0.001	0.792	-0.004	0.037	0.916	-3.97e-03 (-0.08, 0.0	-0.003	0.041	0.941	-3.04e-03 (-0.08, 0.08)
8250_2	PTPRJ	PTPRJ	226	-0.022	0.022	0.321	-0.02 (-0.06, 0.02)	0.701	0.003	0.030	0.044	0.490	0.03 (-0.06, 0.12)	-0.003	0.173	0.018	0.041	0.665	0.02 (-0.06, 0.10)	0.017	0.040	0.675	0.02 (-0.06, 0.10)
12558_3	UBASH3B	UBS3B	226	-0.018	0.018	0.321	-0.02 (-0.05, 0.02)	0.701	0.754	-0.008	0.037	0.838	-0.01 (-0.08, 0.06)	-0.001	0.741	-0.045	0.036	0.206	-0.05 (-0.12, 0.02)	-0.038	0.041	0.347	-0.04 (-0.12, 0.04)
13929_27	CROT	OCTC	226	0.018	0.018	0.321	0.02 (-0.02, 0.05)	0.701	0.508	0.000	0.037	0.991	4.19e-04 (-0.07, 0.07)	0.001	0.580	-0.014	0.036	0.710	-0.01 (-0.08, 0.06)	-0.016	0.037	0.669	-0.02 (-0.09, 0.06)
15404_3	IFNA21	IFN21	226	-0.019	0.019	0.322	-0.02 (-0.06, 0.02)	0.702	0.209	0.020	0.040	0.616	0.02 (-0.06, 0.10)	-0.002	0.262	0.012	0.034	0.736	0.01 (-0.06, 0.08)	0.015	0.042	0.726	0.01 (-0.07, 0.10)
7918_114	AMY1A	Amylase, al	226	-0.021	0.021	0.322	-0.02 (-0.06, 0.02)	0.702	0.017	-0.004	0.043	0.927	-3.98e-03 (-0.09, 0.08)	-0.001	0.646	-0.019	0.041	0.647	-0.02 (-0.10, 0.06)	-0.039	0.040	0.332	-0.04 (-0.12, 0.04)
10419_1	SCARA5	SCAR5	226	0.021	0.022	0.323	0.02 (-0.02, 0.06)	0.703	0.001	0.078	0.043	0.071	0.08 (-0.01, 0.16)	-0.004	0.129	0.054	0.033	0.105	0.05 (-0.01, 0.12)	0.069	0.041	0.090	0.07 (-0.01, 0.15)
12956_40	KIAA1279	KBP	226	0.018	0.018	0.323	0.02 (-0.02, 0.05)	0.703	0.566	0.027	0.037	0.460	0.03 (-0.04, 0.10)	-0.001	0.773	-0.014	0.031	0.660	-0.01 (-0.08, 0.05)	-0.002	0.034	0.964	-1.54e-03 (-0.07, 0.07)
18306_1	PALM	PALM	226	0.019	0.020	0.323	0.02 (-0.02, 0.06)	0.703	0.246	-0.004	0.041	0.923	-3.95e-03 (-0.08, 0.08)	0.001	0.510	0.047	0.038	0.216	0.05 (-0.03, 0.12)	0.041	0.041	0.316	0.04 (-0.04, 0.12)
19174_141	GOLGA7	GOGA7	226	0.018	0.018	0.323	0.02 (-0.02, 0.05)	0.703	0.082	0.034	0.039	0.384	0.03 (-0.04, 0.11)	-0.001	0.635	-0.013	0.037	0.721	-0.01 (-0.08, 0.06)	-0.002	0.039	0.966	-1.65e-03 (-0.08, 0.07)
4429_51	CHST6	CHST6	226	-0.019	0.019	0.323	-0.02 (-0.06, 0.02)	0.703	0.370	0.036	0.040	0.361	0.04 (-0.04, 0.11)	-0.003	0.108	-0.010	0.039	0.806	-0.01 (-0.09, 0.07)	0.001	0.037	0.979	9.83e-04 (-0.07, 0.07)
7944_1	KIR3DL3	KI3L3	226	-0.019	0.019	0.323	-0.02 (-0.06, 0.02)	0.703	0.456	-0.005	0.039	0.893	-0.01 (-0.08, 0.07)	-0.001	0.684	0.009	0.036	0.803	0.01 (-0.06, 0.08)	0.004	0.043	0.934	3.53e-03 (-0.08, 0.09)
8773_172	EMILIN3	EMIL3	226	-0.020	0.020	0.323	-0.02 (-0.06, 0.02)	0.703	0.027	0.028	0.040	0.495	0.03 (-0.05, 0.11)	-0.003	0.177	0.022	0.031	0.485	0.02 (-0.04, 0.08)	0.028	0.045	0.531	0.03 (-0.06, 0.12)
9302_90	GADD45GI	G45IP	226	-0.019	0.019	0.323	-0.02 (-0.06, 0.02)	0.703	0.737	-0.044	0.039	0.258	-0.04 (-0.12, 0.03)	0.002	0.460	-0.038	0.039	0.335	-0.04 (-0.11, 0.04)	-0.038	0.043	0.379	-0.04 (-0.12, 0.05)
9386_42	TTC9B	TTC9B	226	-0.019	0.019	0.324	-0.02 (-0.06, 0.02)	0.703	0.868	0.023	0.039	0.564	0.02 (-0.05, 0.10)	-0.003	0.220	0.002	0.033	0.951	2.02e-03 (-0.06, 0.0	0.005	0.037	0.897	4.85e-03 (-0.07, 0.08)
18373_13	RDX	Radixin	226	0.017	0.018	0.324	0.02 (-0.02, 0.05)	0.703	0.709	0.006	0.035	0.866	0.01 (-0.06, 0.08)	0.001	0.712	-0.037	0.031	0.224	-0.04 (-0.10, 0.02)	-0.037	0.040	0.356	-0.04 (-0.12, 0.04)
19587_12	KPNA1	IMA5	226	-0.019	0.019	0.324	-0.02 (-0.06, 0.02)	0.704	0.271	-0.051	0.039	0.196	-0.05 (-0.13, 0.03)	0.002	0.346	-0.019	0.040	0.634	-0.02 (-0.10, 0.06)	-0.053	0.044	0.235	-0.05 (-0.14, 0.03)
17784_23	GMFB	GMFB	226	0.019	0.019	0.325	0.02 (-0.02, 0.06)	0.704	0.549	0.032	0.038	0.399	0.03 (-0.04, 0.11)	-0.001	0.682	0.008	0.035	0.827	0.01 (-0.06, 0.08)	0.019	0.037	0.616	0.02 (-0.05, 0.09)
10042_8	SGK3	SGK3	226	0.018	0.018	0.327	0.02 (-0.02, 0.05)	0.704	0.420	0.002	0.037	0.963	1.70e-03 (-0.07, 0.07)	0.001	0.616	-0.022	0.030	0.459	-0.02 (-0.08, 0.04)	-0.029	0.037	0.424	-0.03 (-0.10, 0.04)
11071_1	IL5	IL-5	226	0.019	0.019	0.326	0.02 (-0.02, 0.06)	0.704	0.061	0.029	0.042	0.491	0.03 (-0.05, 0.11)	-0.001	0.785	0.038	0.039	0.329	0.04 (-0.04, 0.11)	0.039	0.040	0.337	0.04 (-0.04, 0.12)
11544_39	PHF3	PHF3	226	-0.018	0.019	0.326	-0.02 (-0.05, 0.02)	0.704	0.709	-0.024	0.038	0.525	-0.02 (-0.10, 0.05)	0.000	0.864	-0.034	0.036	0.335	-0.03 (-0.10, 0.04)	-0.031	0.038	0.412	-0.03 (-0.11, 0.04)
12332_7	EEF2K	EF2K	226	-0.019	0.019	0.328	-0.02 (-0.06, 0.02)	0.704	0.233	-0.065	0.040	0.108	-0.06 (-0.14, 0.01)	0.003	0.190	-0.031	0.032	0.333	-0.03 (-0.09, 0.03)	-0.062	0.042	0.140	-0.06 (-0.14, 0.02)
12690_33	SEPTIN10	Septin-10	226	-0.019	0.019	0.327	-0.02 (-0.06, 0.02)	0.704	0.091	-0.022	0.041	0.600	-0.02 (-0.10, 0.06)	0.000	0.938	-0.010	0.039	0.794	-0.01 (-0.09, 0.07)	-0.010	0.039	0.791	-0.01 (-0.09, 0.07)
13589_10	APBB3	APBB3	226	-0.019	0.019	0.328	-0.02 (-0.06, 0.02)	0.704	0.964	-0.028	0.039	0.467	-0.03 (-0.10, 0.05)	0.001	0.780	-0.015	0.038	0.689	-0.02 (-0.09, 0.06)	-0.018	0.038	0.641	-0.02 (-0.09, 0.06)
13632_10	ZYX	Zyxin	226	0.018	0.018	0.326	0.02 (-0.02, 0.05)	0.704	0.335	0.013	0.037	0.725	0.01 (-0.06, 0.09)	0.000	0.885	-0.005	0.030	0.877	-4.56e-03 (-0.06, 0.0	0.004	0.043	0.917	4.48e-03 (-0.08, 0.09)
13973_62	TTL	TTL	226	0.018	0.018	0.327	0.02 (-0.02, 0.05)	0.704	0.297	0.001	0.038	0.970	1.43e-03 (-0.07, 0.08)	0.001	0.615	-0.011	0.033	0.743	-0.01 (-0.08, 0.05)	-0.022	0.042	0.594	-0.02 (-0.10, 0.06)
14056_4	CGA	Glycoprotei	226	0.018	0.019	0.326	0.02 (-0.02, 0.05)	0.704	0.267	0.023	0.038	0.556	0.02 (-0.05, 0.10)	0.000	0.893	0.039	0.037	0.293	0.04 (-0.03, 0.11)	0.032	0.037	0.380	0.03 (-0.04, 0.10)
14645_253	GSTA4	GSTA4	226	0.021	0.021	0.327	0.02 (-0.02, 0.06)	0.704	0.020	-0.028	0.042	0.503	-0.03 (-0.11, 0.05)	0.003	0.184	0.026	0.040	0.515	0.03 (-0.05, 0.10)	-0.007	0.042	0.875	-0.01 (-0.09, 0.08)
17724_3	WWOX	WWOX	226	0.019	0.019	0.327	0.02 (-0.02, 0.06)	0.704	0.528	0.025	0.039	0.517	0.02 (-0.05, 0.10)	0.000	0.852	0.016	0.035	0.656	0.02 (-0.05, 0.08)	0.022	0.042	0.598	0.02 (-0.06, 0.10)
17750_8	RRM2	RIR2	226	-0.018	0.019	0.326	-0.02 (-0.05, 0.02)	0.704	0.291	0.016	0.038	0.685	0.02 (-0.06, 0.09)	-0.002	0.311	0.010	0.032	0.756	0.01 (-0.05, 0.07)	0.035	0.038	0.361	0.03 (-0.04, 0.11)
18205_123	MAGEA6	MAGE-6	226	-0.019	0.019	0.326	-0.02 (-0.06, 0.02)	0.704	0.568	-0.030	0.039	0.451	-0.03 (-0.11, 0.05)	0.001	0.759	-0.005	0.042	0.913	-4.59e-03 (-0.09, 0.0	0.009	0.044	0.847	0.01 (-0.08, 0.10)
18273_14	GAGE2D	GGE2D	226	-0.019	0.019	0.326	-0.02 (-0.06, 0.02)	0.704	0.445	-0.014	0.038	0.715	-0.01 (-0.09, 0.06)	0.000	0.891	-0.035	0.039	0.374	-0.03 (-0.11, 0.04)	-0.031	0.040	0.443	-0.03 (-0.11, 0.05)
18299_13	CAPNS1	CPNS1	226	-0.018	0.018	0.328	-0.02 (-0.05, 0.02)	0.704	0.126	-0.039	0.038	0.311	-0.04 (-0.11, 0.04)	0.001	0.524	-0.054	0.032	0.094	-0.05 (-0.12, 0.01)	-0.046	0.033	0.165	-0.05 (-0.11, 0.02)
2836_68	LCN2	Lipocalin 2	226	-0.021	0.022	0.326	-0.02 (-0.06, 0.02)	0.704	0.008	-0.034	0.044	0.441	-0.03 (-0.12, 0.05)	0.001	0.743	-0.064	0.035	0.068	-0.06 (-0.13, 4.78e-0	-0.051	0.038	0.179	-0.05 (-0.13, 0.02)
4995_16	HPGD	HPG-	226	0.018	0.018	0.328	0.02 (-0.02, 0.05)	0.704	0.257	0.013	0.038	0.733	0.01 (-0.06, 0.09)	0.000	0.882	-0.006	0.037	0.872	-0.01 (-0.08, 0.07)	-0.004	0.038	0.912	-4.22e-03 (-0.08, 0.07)
6409_57	ADGRF5	GP116	226	0.037	0.038	0.327	0.04 (-0.04, 0.11)	0.704	6.02E-73	0.062	0.076	0.416	0.06 (-0.09, 0.21)	-0.002	0.705	0.055	0.040	0.167	0.06 (-0.02, 0.13)	0.048	0.039	0.224	0.05 (-0.03, 0.13)
6938_21	PCDHGA1	PCDGC	226	-0.018	0.019	0.327	-0.02 (-0.06, 0.02)	0.704	0.627	0.042	0.038	0.275	0.04 (-0.03, 0.12)	-0.004	0.070	-0.024	0.034	0.494	-0.02 (-0.09, 0.04)	-0.011	0.044	0.808	-0.01 (-0.10, 0.07)
8097_77	LIPN	LIPN	226	-0.021	0.021	0.327	-0.02 (-0.06, 0.02)	0.704	0.019	0.016	0.042	0.713	0.02 (-0.07, 0.10)	-0.002	0.326	0.016	0.037	0.655	0.02 (-0.06, 0.09)	0.003	0.039	0.940	2.95e-03 (-0.07, 0.08)
8983_7	GOLM1	GOLM1	226	0.070	0.071	0.325	0.07 (-0.07, 0.21)	0.704	0.00E+00	-0.016	0.144	0.911	-0.02 (-0.30, 0.27)	0.005	0.491	-0.026	0.040	0.513	-0.03 (-0.11, 0.05)	-0.003	0.041	0.940	-3.12e-03 (-0.08, 0.08)
18839_24	TG	Thyroglobu	226	-0.019	0.019	0.328	-0.02 (-0.06, 0.02)	0.704	0.553	0.007	0.039	0.854	0.01 (-0.07, 0.08)	-0.002	0.440	0.032	0.035	0.361	0.03 (-0.04, 0.10)	0.030	0.040	0.458	0.03 (-0.05, 0.11)
13114_50	LUM	Lumican	226	-0.024	0.024	0.329	-0.02 (-0.07, 0.02)	0.706	2.18E-09	-0.069	0.049	0.162	-0.07 (-0.17, 0.03)	0.003	0.292	-0.052	0.040	0.196	-0.05 (-0.13, 0.03)	-0.098	0.040	0.016	-0.10 (-0.18, -0.02)
15514_26	BCHE	Pseudocho	226	0.022	0.023	0.329	0.02 (-0.02, 0.07)	0.706	7.15E-06	0.046	0.046	0.318	0.05 (-0.04, 0.14)	-0.001	0.552	0.007	0.036	0.837	0.01 (-0.06, 0.08)	0.037	0.038	0.326	0.04 (-0.04, 0.11)
18275_5	CRIP1	CRIP1	226	0.026	0.027	0.329	0.03 (-0.03, 0.08)	0.706	3.28E-17	-0.010	0.054	0.851	-0.01 (-0.12, 0.10)	0.002	0.440	0.073	0.040	0.067	0.07 (-4.98e-03, 0.1	0.054	0.038	0.161	0.05 (-0.02, 0.13)
3710_49	PLG	Angiostatin	226	-0.020	0.020	0.329	-0.02 (-0.06, 0.02)	0.706	0.026	-0.021	0.041	0.610	-0.02 (-0.10, 0.06)	0.000	0.975	-0.049	0.038	0.193	-0.05 (-0.12, 0.02)	-0.044	0.045	0.325	-0.04 (-0.13, 0.04)
7754_11	JAG1	JAG1	226	0.019	0.019	0.329	0.02 (-0.02, 0.06)	0.706	0.306	0.021	0.040	0.594	0.02 (-0.06, 0.10)	0.000	0.943	0.047	0.038	0.217	0.05 (-0.03, 0.12)	0.050	0.039	0.201	0.05 (-0.03, 0.13)
10506_53	PGRMC2	PGRC2	226	-0.018	0.019	0.331	-0.02 (-0.05, 0.02)	0.707	0.421	-0.021	0.038	0.582	-0.02 (-0.10, 0.05)	0.000	0.932	-0.036	0.038	0.348	-0.04 (-0.11, 0.04)	-0.023	0.040	0.559	-0.02 (-0.10, 0.05)
11369_23	ADH5	ADHX	226	0.017	0.018	0.331	0.02 (-0.02, 0.05)	0.707	0.550	0.050	0.036	0.167	0.05 (-0.02, 0.12)	-0.002	0.300	-0.002	0.032	0.959	-1.64e-03 (-0.06, 0.0	0.010	0.038	0.801	0.01 (-0.07, 0.08)
12563_2	TNFAIP8	TFIP8	226	0.017	0.018	0.331	0.02 (-0.02, 0.05)	0.707	0.357	0.006	0.036	0.860	0.01 (-0.06, 0.08)	0.001	0.732	-0.024	0.032	0.458	-0.02 (-0.09, 0.04)	-0.004	0.040	0.920	-4.09e-03 (-0.08, 0.08)
12573_80	TRIM3	TRIM3	226	-0.018	0.018	0.331	-0.02 (-0.05, 0.02)	0.707	0.236	-0.037	0.038	0.335	-0.04 (-0.11, 0.04)	0.001	0.566	-0.040	0.037	0.285	-0.04 (-0.11, 0.03)	-0.035	0.040	0.375	-0.04 (-0.11, 0.04)
12878_60	OSBPL11	OSB11	226	-0.019	0.019	0.330	-0.02 (-0.06, 0.02)	0.707	0.245	-0.020	0.040	0.625	-0.02 (-0.10, 0.06)	0.000	0.981	-0.011	0.040	0.784	-0.01 (-0.09, 0.07)	-0.031	0.040	0.436	-0.03 (-0.11, 0.05)
13492_44	HSPA9	HSPA9B	226	0.018	0.019	0.331	0.02 (-0.02, 0.06)	0.707	0.128	0.006	0.040	0.885	0.01 (-0.07, 0.08)	0.001	0.719	-0.029	0.036	0.429	-0.03 (-0.10, 0.04)	-0.023	0.040	0.555	-0.02 (-0.10, 0.05)
16035_8	FLT4	VEGF sR3	226	-0.025	0.026	0.331	-0.03 (-0.08, 0.03)	0.707	7.80E-16	0.068	0.052	0.193	0.07 (-0.03, 0.17)	-0.006	0.040	0.034	0.033	0.293	0.03 (-0.03, 0.10)	0.028	0.039	0.479	0.03 (-0.05, 0.11)
2609_59	CST3	Cystatin C	226	-0.022	0.023	0.330	-0.02 (-0.07, 0.02)	0.707	6.26E-06	-0.057	0.046	0.217	-0.06 (-0.15, 0.03)	0.002	0.386	-0.014	0.038	0.713	-0.01 (-0.09, 0.06)	-0.029	0.040	0.463	-0.03 (-0.11, 0.05)
5383_14	TNFRSF13	BAFF Rece	226	0.018	0.019	0.331	0.02 (-0.02, 0.05)	0.707	0.247	-0.004	0.039	0.918	-4.00e-03 (-0.08, 0.07)	0.001	0.511	-0.012	0.036	0.747	-0.01 (-0.08, 0.06)	0.004	0.040	0.925	3.82e-03 (-0.08, 0.08)
6238_55	PSG8	PSG8	226	-0.019	0.020	0.330	-0.02 (-0.06, 0.02)	0.707	0.168	0.059	0.041	0.150	0.06 (-0.02, 0.14)	-0.005	0.029	0.006	0.040	0.885	0.01 (-0.07, 0.08)	-0.001	0.041	0.971	-1.48e-03 (-0.08, 0.08)
10550_37	BMPR1B	BMP RIB	226	0.019	0.019	0.332	0.02 (-0.02, 0.06)	0.707	0.065	0.008	0.042	0.848	0.01 (-0.07, 0.09)	0.001	0.767	-0.010	0.040	0.799	-0.01 (-0.09, 0.07)	-0.007	0.040	0.862	-0.01 (-0.09, 0.07)
11134_30	MTRF1L	RF1ML	226	0.018	0.018	0.332	0.02 (-0.02, 0.05)	0.707	0.162	-0.012	0.038	0.753	-0.01 (-0.09, 0.06)	0.002	0.372	0.028	0.030	0.347	0.03 (-0.03, 0.09)	0.049	0.042	0.248	0.05 (-0.03, 0.13)
11716_28	LRIT2	LRIT2	226	-0.019	0.020	0.332	-0.02 (-0.06, 0.02)	0.707	0.497	0.007	0.039	0.866	0.01 (-0.07, 0.08)	-0.002	0.453	0.019	0.038	0.610	0.02 (-0.05, 0.09)	0.011	0.041	0.785	0.01 (-0.07, 0.09)
12352_70	ARRDC3	ARRD3	226	-0.018	0.019	0.332	-0.02 (-0.06, 0.02)	0.707	0.857	-0.029	0.038	0.447	-0.03 (-0.10, 0.05)	0.001	0.748	-0.016	0.039	0.679	-0.02 (-0.09, 0.06)	-0.031	0.043	0.481	-0.03 (-0.12, 0.05)
8065_245	PATE4	PATE4	226	-0.019	0.019	0.332	-0.02 (-0.06, 0.02)	0.707	0.368	0.025	0.040	0.531	0.02 (-0.05, 0.10)	-0.003	0.205	0.003	0.032	0.928	2.91e-03 (-0.06, 0.0	0.020	0.042	0.626	0.02 (-0.06, 0.10)
8664_36	PKDCC	PKDCC	226	0.019	0.019	0.332	0.02 (-0.02, 0.06)	0.707	0.108	-0.041	0.041	0.318	-0.04 (-0.12, 0.04)	0.004	0.095	-0.011	0.038	0.765	-0.01 (-0.09, 0.06)	-0.011	0.041	0.787	-0.01 (-0.09, 0.07)
11634_32	RGS10	RGS10	226	-0.018	0.019	0.332	-0.02 (-0.06, 0.02)	0.707	0.911	-0.017	0.038	0.657	-0.02 (-0.09, 0.06)	0.000	0.967	-0.037	0.034	0.285	-0.04 (-0.10, 0.03)	-0.050	0.036	0.168	-0.05 (-0.12, 0.02)
14036_116	MPDZ	MPDZ	226	-0.019	0.019	0.333	-0.02 (-0.06, 0.02)	0.707	0.527	0.021	0.039	0.584	0.02 (-0.06, 0.10)	-0.003	0.237	-0.006	0.035	0.857	-0.01 (-0.08, 0.06)	-0.013	0.039	0.733	-0.01 (-0.09, 0.06)
3037_62	IL1B	IL-1b	226	-0.019	0.020	0.333	-0.02 (-0.06, 0.02)	0.707	0.057	0.044	0.042	0.301	0.04 (-0.04, 0.13)	-0.004	0.088	0.011	0.039	0.789	0.01 (-0.07, 0.09)	0.001	0.040	0.981	9.84e-04 (-0.08, 0.08)
5248_68	PPIF	Cyclophilin	226	-0.018	0.019	0.333	-0.02 (-0.06, 0.02)	0.707	0.455	-0.011	0.038	0.765	-0.01 (-0.09, 0.06)	0.000	0.836	-0.044	0.038	0.252	-0.04 (-0.12, 0.03)	-0.029	0.039	0.459	-0.03 (-0.11, 0.05)
7773_20	KIR2DL2	KI2L2	226	-0.019	0.019	0.333	-0.02 (-0.06, 0.02)	0.707	0.080	-0.080	0.042	0.057	-0.08 (-0.16, 1.88e-03)	0.004	0.094	-0.045	0.039	0.249	-0.05 (-0.12, 0.03)	-0.006	0.045	0.894	-0.01 (-0.09, 0.08)
8784_7	FAM175A	F175A	226	0.019	0.019	0.332	0.02 (-0.02, 0.06)	0.707	0.589	0.016	0.039	0.682	0.02 (-0.06, 0.09)	0.000	0.935	0.060	0.038	0.112	0.06 (-0.01, 0.13)	0.060	0.042	0.156	0.06 (-0.02, 0.14)
9322_15	RCN1	RCN1	226	0.019	0.020	0.333	0.02 (-0.02, 0.06)	0.707	0.589	0.030	0.039	0.446	0.03 (-0.05, 0.11)	-0.001	0.746	0.005	0.040	0.897	0.01 (-0.07, 0.08)	0.034	0.044	0.435	0.03 (-0.05, 0.12)
12699_28	CCT8	TCP-1-theta	226	-0.018	0.019	0.334	-0.02 (-0.06, 0.02)	0.707	0.710	-0.010	0.038	0.791	-0.01 (-0.08, 0.06)	-0.001	0.805	-0.066	0.036	0.062	-0.07 (-0.14, 3.30e-0	-0.053	0.043	0.219	-0.05 (-0.14, 0.03)
14123_34	C10orf54	GI24	226	0.018	0.019	0.335	0.02 (-0.02, 0.06)	0.707	0.100	-0.010	0.040	0.796	-0.01 (-0.09, 0.07)	0.002	0.413	0.005	0.031	0.866	0.01 (-0.06, 0.07)	-0.019	0.042	0.648	-0.02 (-0.10, 0.06)
18422_41	MVD	ERG19	226	0.019	0.019	0.334	0.02 (-0.02, 0.06)	0.707	0.103	0.018	0.041	0.663	0.02 (-0.06, 0.10)	0.000	0.985	-0.011	0.036	0.772	-0.01 (-0.08, 0.06)	-0.014	0.039	0.712	-0.01 (-0.09, 0.06)
2514_65	EFNB3	Ephrin-B3	226	0.020	0.021	0.334	0.02 (-0.02, 0.06)	0.707	0.002	0.052	0.042	0.216	0.05 (-0.03, 0.13)	-0.003	0.374	0.019	0.034	0.579	0.02 (-0.05, 0.09)	0.034	0.042	0.338	0.04 (-0.04, 0.12)
5765_53	DEFB121	DB121	226	0.018	0.018	0.334	0.02 (-0.02, 0.05)	0.707	0.316	0.031	0.038	0.433	0.03 (-0.05, 0.11)	-0.001	0.715	0.029	0.039	0.454	0.03 (-0.05, 0.11)	0.006	0.041	0.890	0.01 (-0.07, 0.09)
6257_56	CGREF1	CGRE1	226	-0.017	0.018	0.335	-0.02 (-0.05, 0.02)	0.707	0.201	-0.044	0.038	0.249	-0.04 (-0.12, 0.03)	0.002	0.425	-0.026	0.037	0.475	-0.03 (-0.10, 0.05)	-0.036	0.039	0.349	-0.04 (-0.11, 0.04)
7939_1	PQLC2L	CC055	226	0.019	0.019	0.335	0.02 (-0.02, 0.06)	0.707	0.426	-0.006	0.040	0.889	-0.01 (-0.08, 0.07)	0.001	0.480	-0.026	0.038	0.498	-0.03 (-0.10, 0.05)	0.009	0.039	0.825	0.01 (-0.07, 0.09)
8427_118	RSPO3	RSPO3	226	-0.020	0.021	0.336	-0.02 (-0.06, 0.02)	0.707	0.008	-0.009	0.042	0.824	-0.01 (-0.09, 0.07)	-0.001	0.769	-0.006	0.038	0.871	-0.01 (-0.08, 0.06)	-0.028	0.038	0.465	-0.03 (-0.10, 0.05)
9385_4	GAA	GAA	226	0.021	0.021	0.334	0.02 (-0.02, 0.06)	0.707	0.021	0.022	0.043	0.605	0.02 (-0.06, 0.11)	0.000	0.977	-0.011	0.041	0.793	-0.01 (-0.09, 0.07)	-0.031	0.040	0.451	-0.03 (-0.11, 0.05)
9607_39	PRR27	CD040	226	0.019	0.019	0.334	0.02 (-0.02, 0.06)	0.707	0.220	0.005	0.040	0.909	4.61e-03 (-0.07, 0.08)	0.001	0.689	0.040	0.038	0.289	0.04 (-0.03, 0.11)	0.035	0.039	0.362	0.04 (-0.04, 0.11)
2730_58	MICA	MICA	226	0.023	0.024	0.335	0.02 (-0.02, 0.07)	0.707	7.02E-07	-0.019	0.048	0.699	-0.02 (-0.11, 0.08)	0.001	0.428	0.018	0.035	0.610	0.02 (-0.05, 0.09)	0.035	0.042	0.397	0.04 (-0.05, 0.12)
6064_4	ERP44	TXNDC4	226	0.017	0.018	0.335	0.02 (-0.02, 0.05)	0.707	0.833	0.011	0.036	0.752	0.01 (-0.06, 0.08)	0.000	0.851	0.005	0.036	0.883	0.01 (-0.06, 0.07)	0.012	0.037	0.752	0.01 (-0.06, 0.08)
11193_27	HNF1A	HNF1A	226	-0.020	0.021	0.336	-0.02 (-0.06, 0.02)	0.708	0.046	-0.023	0.043	0.583	-0.02 (-0.11, 0.06)	0.000	0.933	-0.041	0.039	0.291	-0.04 (-0.12, 0.04)	-0.019	0.043	0.655	-0.02 (-0.10, 0.07)
11657_86	SOCS7	SOCS7	226	-0.019	0.019	0.337	-0.02 (-0.06, 0.02)	0.708	0.437	0.028	0.039	0.485	0.03 (-0.05, 0.10)	-0.003	0.178	-0.037	0.039	0.340	-0.04 (-0.11, 0.04)	-0.037	0.041	0.359	-0.04 (-0.12, 0.04)
12968_2	CSRP2	CSRP2	226	-0.019	0.019	0.335	-0.02 (-0.06, 0.02)	0.708	0.641	0.047	0.039	0.228	0.05 (-0.03, 0.12)	-0.003	0.143	0.010	0.038	0.802	0.01 (-0.07, 0.08)	0.027	0.039	0.491	0.03 (-0.05, 0.10)
13103_125	CSH1	CSH	226	0.017	0.018	0.336	0.02 (-0.02, 0.05)	0.708	0.602	-0.001	0.036	0.982	-7.96e-04 (-0.07, 0.07)	0.001	0.565	-0.014	0.031	0.647	-0.01 (-0.08, 0.05)	-0.007	0.039	0.869	-0.01 (-0.08, 0.07)
16597_11	GLRX5	GLRX5	226	-0.019	0.020	0.336	-0.02 (-0.06, 0.02)	0.708	0.229	-0.051	0.041	0.213	-0.05 (-0.13, 0.03)	0.002	0.366	-0.052	0.041	0.208	-0.05 (-0.13, 0.03)	-0.053	0.043	0.216	-0.05 (-0.14, 0.03)
18276_34	TCL1B	TCL1B	226	0.020	0.021	0.337	0.02 (-0.02, 0.06)	0.708	0.006	0.044	0.042	0.299	0.04 (-0.04, 0.13)	-0.001	0.516	0.018	0.038	0.632	0.02 (-0.06, 0.09)	0.037	0.040	0.357	0.04 (-0.04, 0.12)
18817_50	CBX1	CBX1	226	0.018	0.019	0.336	0.02 (-0.02, 0.05)	0.708	0.740	-0.023	0.037	0.535	-0.02 (-0.10, 0.05)	0.002	0.428	0.002	0.036	0.958	2.21e-03 (-0.07, 0.0	0.026	0.036	0.442	0.03 (-0.04, 0.10)
19467_3	RBKS	RBKS	226	0.019	0.019	0.337	0.02 (-0.02, 0.06)	0.708	0.827	0.000	0.039	0.985	-7.46e-04 (-0.08, 0.08)	0.000	0.802	-0.005	0.037	0.853	-0.01 (-0.08, 0.06)	0.009	0.037	0.801	0.01 (-0.06, 0.08)
5792_8	AFP	AFP	226	0.019	0.020	0.336	0.02 (-0.02, 0.06)	0.708	0.307	0.020	0.040	0.613	0.02 (-0.06, 0.10)	-0.002	0.263	-0.068	0.035	0.052	-0.07 (-0.14, 4.61e-0	-0.064	0.042	0.127	-0.06 (-0.14, 0.02)
7059_14	LILRA6	LIRA6	226	0.018	0.019	0.336	0.02 (-0.02, 0.05)	0.708	0.130	0.011	0.039	0.849	0.01 (-0.07, 0.08)	0.001	0.741	-0.009	0.036	0.819	-0.01 (-0.09, 0.07)	0.016	0.045	0.723	0.02 (-0.07, 0.10)
8093_13	KIAA1161	K1161	226	-0.018	0.019	0.337	-0.02 (-0.06, 0.02)	0.708	0.008	-0.006	0.041	0.891	-0.01 (-0.09, 0.08)	0.001	0.694	-0.019	0.040	0.636	-0.02 (-0.10, 0.06)	-0.060	0.043	0.165	-0.06 (-0.14, 0.02)
9233_71	TFPI2	TFPI-2	226	-0.018	0.018	0.337	-0.02 (-0.05, 0.02)	0.708	0.109	0.017	0.039	0.669	0.02 (-0.06, 0.09)	-0.001	0.532	-0.022	0.031	0.474	-0.02 (-0.08, 0.04)	-0.022	0.045	0.600	-0.02 (-0.11, 0.07)
9765_4	NDE1	NDE1	226	0.018	0.018	0.337	0.02 (-0.02, 0.05)	0.708	0.288	0.021	0.038	0.582	0.02 (-0.05, 0.10)	0.000	0.921	0.005	0.037	0.887	0.01 (-0.07, 0.08)	0.001	0.037	0.980	0.01 (-0.07, 0.08)
9789_52	SYNE2	Nesprin-2	226	-0.017	0.018	0.337	-0.02 (-0.05, 0.02)	0.708	0.075	-0.034	0.038	0.368	-0.03 (-0.11, 0.04)	0.001	0.600	0.003	0.037	0.940	2.79e-03 (-0.07, 0.0	-0.007	0.037	0.849	-0.01 (-0.08, 0.07)
9794_17	ADCK4	ADCK4	226	-0.020	0.021	0.337	-0.02 (-0.06, 0.02)	0.708	0.023	-0.065	0.042	0.120	-0.07 (-0.15, 0.02)	0.002	0.213	-0.087	0.032	0.008	-0.09 (-0.15, -0.02)	-0.107	0.041	0.010	-0.11 (-0.19, -0.03)
9012_1	PRPF6	PRP6	226	-0.019	0.020	0.337	-0.02 (-0.06, 0.02)	0.708	0.102	-0.018	0.042	0.667	-0.02 (-0.10, 0.06)	0.000	0.917	0.000	0.038	0.996	-1.51e-04 (-0.08, 0.0	0.003	0.041	0.942	2.97e-03 (-0.08, 0.08)
12494_99	GABARAPL	GBRL2	226	0.017	0.018	0.338	0.02 (-0.02, 0.05)	0.708	0.285	-0.022	0.037	0.559	-0.02 (-0.09, 0.05)	0.002	0.228	-0.024	0.029	0.422	-0.02 (-0.08, 0.03)	-0.055	0.039	0.158	-0.06 (-0.13, 0.02)
13724_27	FGF19	FGF-19	226	0.018	0.018	0.338	0.02 (-0.02, 0.05)	0.708	0.060	0.016	0.042	0.709	0.02 (-0.07, 0.10)	0.000	0.348	-0.049	0.037	0.191	-0.05 (-0.12, 0.02)	-0.051	0.038	0.248	-0.05 (-0.14, 0.03)
10081_17	SATB2	SATB2	226	0.018	0.019	0.338	0.02 (-0.02, 0.06)	0.708	0.063	-0.017	0.042	0.688	-0.02 (-0.10, 0.07)	0.002	0.331	0.007	0.041	0.872	0.01 (-0.07, 0.09)	0.000	0.044	0.997	1.63e-04 (-0.09, 0.09)
16885_49	MAPRE3	MARE3	226	0.018	0.019	0.338	0.02 (-0.02, 0.05)	0.708	0.712	0.010	0.039	0.792	0.01 (-0.07, 0.09)	0.000	0.839	-0.006	0.038	0.866	-0.01 (-0.08, 0.06)	0.004	0.042	0.932	3.56e-03 (-0.08, 0.09)
13473_55	ITPKA	IP3KA	226	0.018	0.019	0.338	0.02 (-0.02, 0.05)	0.708	0.648	0.008	0.037	0.837	0.01 (-0.06, 0.08)	0.000	0.757	-0.002	0.037	0.964	-1.72e-03 (-0.08, 0.0	0.007	0.040	0.868	0.01 (-0.07, 0.09)
6455_52	HAPLN4	HPLN4	226	-0.019	0.019	0.338	-0.02 (-0.06, 0.02)	0.708	0.189	0.023	0.041	0.567	0.02 (-0.06, 0.10)	-0.003	0.236	0.010	0.039	0.805	0.01 (-0.07, 0.09)	0.002	0.043	0.972	1.47e-03 (-0.08, 0.08)
17509_6	HPD	HPPD	226	-0.019	0.019	0.338	-0.02 (-0.06, 0.02)	0.709	0.775	-0.003	0.039	0.935	-3.18e-03 (-0.08, 0.07)	-0.001	0.652	0.004	0.038	0.914	4.18e-03 (-0.07, 0.0	0.007	0.043	0.879	0.01 (-0.08, 0.09)
5758_49	KLK9	kallikrein 9	226	0.019	0.019	0.339	0.02 (-0.02, 0.06)	0.709	0.043	0.043	0.039	0.273	0.04 (-0.03, 0.12)	-0.001	0.371	0.021	0.034	0.533	0.02 (-0.04, 0.09)	0.022	0.041	0.594	0.02 (-0.06, 0.10)
7742_11	RNF148	RN148	226	0.019	0.019	0.339	0.02 (-0.02, 0.06)	0.709	0.291	0.003	0.040	0.943	2.87e-03 (-0.08, 0.08)	0.001	0.540	0.026	0.033	0.432	0.03 (-0.04, 0.09)	0.017	0.043	0.689	0.02 (-0.07, 0.10)
10618_190	LRP2	megalin	226	0.019	0.020	0.339	0.02 (-0.02, 0.06)	0.709	0.672	0.020	0.038	0.602	0.02 (-0.05, 0.09)	0.000	0.955	-0.002	0.037	0.957	-2.06e-03 (-0.08, 0.0	-0.001	0.041	1.000	-1.25e-05 (-0.08, 0.08)
8921_139	PABPN1	PABP2	226	0.018	0.019	0.340	0.02 (-0.02, 0.06)	0.709	0.050	0.006	0.037	0.874	0.01 (-0.07, 0.08)	0.001	0.718	-0.033	0.033	0.324	-0.03 (-0.10, 0.03)	-0.026	0.039	0.505	-0.03 (-0.10, 0.05)
14019_73	EVPL	EVPL	226	0.018	0.019	0.340	0.02 (-0.02, 0.05)	0.709	0.693	-0.012	0.039	0.759	-0.01 (-0.09, 0.06)	0.001	0.848	-0.035	0.042	0.401	-0.03 (-0.12, 0.05)	-0.041	0.044	0.313	-0.04 (-0.13, 0.04)
11333_82	ARHGAP25	RHG25	226	0.017	0.018	0.341	0.02 (-0.02, 0.05)	0.711	0.462	-0.008	0.037	0.825	-0.01 (-0.08, 0.06)	0.001	0.435	0.003	0.032	0.912	3.49e-03 (-0.06, 0.0	-0.008	0.043	0.851	-0.01 (-0.09, 0.08)
19623_26	RPSA	40S ribosor	226	-0.018	0.019	0.341	-0.02 (-0.05, 0.02)	0.711	0.176	-0.024	0.039	0.528	-0.02 (-0.10, 0.05)	0.000	0.835	-0.014	0.040	0.731	-0.01 (-0.09, 0.06)	-0.022	0.037	0.555	-0.02 (-0.09, 0.05)
5488_74	SRC	SRCN1	226	0.018	0.019	0.342	0.02 (-0.02, 0.05)	0.711	0.792	-0.007	0.039	0.850	-0.01 (-0.08, 0.07)	0.001	0.745	-0.052	0.034	0.127	-0.05 (-0.12, 0.01)	-0.044	0.038	0.238	-0.04 (-0.12, 0.03)
5803_24	C3	C3d	226	-0.018	0.019	0.342	-0.02 (-0.05, 0.02)	0.711	0.301	-0.038	0.039	0.320	-0.04 (-0.11, 0.04)	0.000	0.972	-0.027	0.034	0.430	-0.03 (-0.09, 0.04)	-0.027	0.040	0.514	-0.03 (-0.10, 0.05)
7104_71	CABP7	CABP7	226	-0.018	0.019	0.342	-0.02 (-0.06, 0.02)	0.711	0.386	-0.075	0.039	0.057	-0.07 (-0.15, 1.97e-03)	0.004	0.098	-0.023	0.040	0.569	-0.02 (-0.10, 0.06)	-0.048	0.043	0.269	-0.05 (-0.13, 0.04)
8088_56	C1orf210	CA210	226	0.018	0.020	0.342	0.02 (-0.02, 0.06)	0.711	0.062	0.018	0.042	0.610	0.02 (-0.06, 0.10)	0.000	0.910	0.020	0.040	0.623	0.02 (-0.06, 0.10)	0.014	0.041	0.722	0.01 (-0.06, 0.10)
9044_1	CNTNAP5	CNTP5	226	-0.019	0.019	0.341	-0.02 (-0.06, 0.02)	0.711	0.422	-0.015	0.039	0.701	-0.02 (-0.09, 0.06)	0.002	0.327	0.024	0.040	0.536	0.02 (-0.05, 0.10)	0.011	0.040	0.776	0.01 (-0.06, 0.08)
12423_38	A1CF	A1CF	226	0.018	0.019	0.342	0.02 (-0.02, 0.06)	0.711	0.148	0.044	0.041	0.256	0.05 (-0.03, 0.12)	-0.002	0.068	0.032	0.035	0.364	0.03 (-0.04, 0.10)	0.030	0.040	0.456	0.03 (-0.05, 0.11)
7143_9	GCNT2	GNT2C	226	0.018	0.019	0.343	0.02 (-0.02, 0.05)	0.711	0.031	0.021	0.041	0.606	0.02 (-0.06, 0.10)	0.000	0.256	-0.001	0.038	0.985	-7.15e-04 (-0.08, 0.0	0.004	0.037	0.920	3.74e-03 (-0.07, 0.08)
5475_10	PRKCB	PKC-B-II	226	-0.018	0.019	0.343	-0.02 (-0.06, 0.02)	0.712	0.817	-0.007	0.039	0.864	-0.01 (-0.08, 0.07)	-0.001	0.731	-0.051	0.036	0.156	-0.05 (-0.12, 0.02)	-0.050	0.041	0.230	-0.05 (-0.13, 0.03)
12684_5	SCIN	ADSV	226	-0.018	0.019	0.343	-0.02 (-0.06, 0.02)	0.712	0.053	0.018	0.040	0.653	0.02 (-0.06, 0.10)	0.000	0.308	0.005	0.033	0.874	0.01 (-0.06, 0.07)	-0.011	0.041	0.789	-0.01 (-0.09, 0.06)
12760_34	ZNF774	ZN774	226	0.019	0.020	0.343	0.02 (-0.02, 0.06)	0.712	0.053	-0.024	0.042	0.530	-0.03 (-0.11, 0.06)	0.002	0.219	-0.003	0.034	0.928	-3.53e-03 (-0.07, 0.0	0.020	0.040	0.624	0.02 (-0.06, 0.10)
5664_57	DEFB106A	D106A	226	0.018	0.019	0.343	0.02 (-0.02, 0.06)	0.713	0.023	-0.022	0.042	0.610	-0.02 (-0.10, 0.06)	0.003	0.259	0.015	0.041	0.719	0.01 (-0.07, 0.10)	0.014	0.042	0.744	0.01 (-0.07, 0.10)
6624_94	WNT11	WNT11	226	0.018	0.019	0.344	0.02 (-0.02, 0.06)	0.713	0.509	0.009	0.039	0.825	0.01 (-0.07, 0.09)	0.000	0.775	0.002	0.036	0.963	1.71e-03 (-0.06, 0.0	0.004	0.043	0.929	3.76e-03 (-0.08, 0.09)
11163_7	FAM162B	F162B	226	0.018	0.019	0.344	0.02 (-0.02, 0.06)	0.713	0.790	-0.004	0.038	0.910	-4.34e-03 (-0.08, 0.07)	0.001	0.502	-0.002	0.037	0.963	-1.74e-03 (-0.07, 0.0	0.003	0.038	0.939	2.94e-03 (-0.07, 0.08)
11257_1	QDPR	DHPR	226	0.017	0.018	0.344	0.02 (-0.02, 0.05)	0.713	0.611	-0.014	0.036	0.729	-0.01 (-0.08, 0.06)	0.001	0.348	-0.032	0.034	0.337	-0.03 (-0.10, 0.03)	-0.027	0.037	0.469	-0.03 (-0.10, 0.05)
10428_1	KIR2DS2	KI2S2	226	-0.028	0.029	0.346	-0.03 (-0.09, 0.03)	0.714	4.00E-25	0.019	0.059	0.746	0.02 (-0.10, 0.14)	-0.003	0.363	0.033	0.041	0.424	0.03 (-0.05, 0.11)	0.031	0.048	0.517	0.03 (-0.06, 0.12)
10643_16	OLFM3	NOE3	226	0.018	0.019	0.348	0.02 (-0.02, 0.06)	0.714	0.434	-0.002	0.039	0.955	-2.19e-03 (-0.08, 0.07)	0.001	0.551	0.028	0.034	0.437	0.03 (-0.04, 0.10)	0.012	0.041	0.768	0.01 (-0.07, 0.09)
11120_49	NAT14	NAT14	226	0.018	0.019	0.348	0.02 (-0.02, 0.06)	0.714	0.819	0.012	0.037	0.765	0.01 (-0.06, 0.08)	0.000	0.846	0.014	0.034	0.720	0.01 (-0.06, 0.08)	0.009	0.040	0.820	0.01 (-0.07, 0.09)
11248_43	UROS	HEM4	226	-0.019	0.020	0.345	-0.02 (-0.06, 0.02)	0.714	0.005	-0.007	0.041	0.864	-0.01 (-0.09, 0.07)	-0.001	0.733	-0.061	0.034	0.077	-0.06 (-0.13, 0.01)	-0.047	0.039	0.230	-0.05 (-0.12, 0.03)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
12340_17	AARS	SYAC	226	-0.018	0.019	0.346	-0.02 (-0.06, 0.02)	0.714	0.572	0.007	0.039	0.864	0.01 (-0.07, 0.08)	-0.002	0.463	0.002	0.039	0.957	2.12e-03 (-0.07, 0.0	0.003	0.041	0.938	3.15e-03 (-0.08, 0.08)
12500_88	UBA2	SAE2	226	0.018	0.019	0.346	0.02 (-0.02, 0.06)	0.714	0.382	0.014	0.039	0.730	0.01 (-0.06, 0.09)	0.000	0.895	-0.008	0.038	0.829	-0.01 (-0.08, 0.07)	-0.001	0.040	0.987	-6.33e-04 (-0.08, 0.08)
12575_30	MTHFD1	C1TC	226	0.017	0.018	0.348	0.02 (-0.02, 0.05)	0.714	0.775	0.023	0.037	0.532	0.02 (-0.05, 0.10)	0.000	0.855	-0.015	0.031	0.644	-0.01 (-0.08, 0.05)	-0.025	0.040	0.537	-0.02 (-0.10, 0.05)
12599_10	FERMT3	URP2	226	-0.018	0.019	0.346	-0.02 (-0.05, 0.02)	0.714	0.286	-0.018	0.039	0.638	-0.02 (-0.10, 0.06)	0.000	0.986	-0.028	0.039	0.467	-0.03 (-0.10, 0.05)	-0.011	0.040	0.793	-0.01 (-0.09, 0.07)
12686_15	MPST	THTM	226	-0.017	0.019	0.347	-0.02 (-0.05, 0.02)	0.714	0.235	0.051	0.038	0.182	0.05 (-0.02, 0.13)	-0.004	0.040	0.004	0.035	0.917	3.63e-03 (-0.06, 0.0	0.005	0.043	0.905	0.01 (-0.08, 0.09)
16803_4	CALB2	CALB2	226	-0.018	0.020	0.347	-0.02 (-0.06, 0.02)	0.714	0.259	-0.034	0.041	0.397	-0.03 (-0.11, 0.05)	0.001	0.649	-0.041	0.041	0.317	-0.04 (-0.12, 0.04)	-0.017	0.047	0.718	-0.02 (-0.11, 0.08)
18255_6	CYB5R1	NB5R1	226	0.018	0.019	0.345	0.02 (-0.02, 0.05)	0.714	0.121	-0.008	0.040	0.851	-0.01 (-0.09, 0.07)	0.002	0.467	0.003	0.040	0.941	2.95e-03 (-0.08, 0.0	-0.016	0.042	0.696	-0.02 (-0.10, 0.07)
18383_9	FKBP3	FKBP3	226	-0.018	0.019	0.345	-0.02 (-0.06, 0.02)	0.714	0.876	-0.001	0.039	0.982	-8.71e-04 (-0.08, 0.07)	-0.001	0.608	-0.030	0.038	0.427	-0.03 (-0.10, 0.04)	-0.023	0.040	0.567	-0.02 (-0.10, 0.06)
19213_1	SPINK4	ISK4	226	0.018	0.019	0.347	0.02 (-0.02, 0.06)	0.714	0.068	-0.061	0.041	0.138	-0.06 (-0.14, 0.02)	0.005	0.027	-0.022	0.038	0.573	-0.02 (-0.10, 0.05)	-0.036	0.040	0.360	-0.04 (-0.11, 0.04)
19357_11	VAMP7	VAMP7	226	0.018	0.019	0.346	0.02 (-0.02, 0.06)	0.714	0.803	0.059	0.039	0.129	0.06 (-0.02, 0.13)	-0.003	0.225	0.030	0.041	0.459	0.03 (-0.05, 0.11)	0.030	0.040	0.448	0.03 (-0.05, 0.11)
4130_71	FGF6	FGF-6	226	0.017	0.018	0.346	0.02 (-0.02, 0.05)	0.714	0.457	0.051	0.037	0.169	0.05 (-0.02, 0.12)	-0.002	0.293	0.003	0.030	0.912	3.31e-03 (-0.06, 0.0	-0.030	0.044	0.494	-0.03 (-0.12, 0.06)
4397_26	IFNL2	IFN-lambda	226	-0.018	0.019	0.348	-0.02 (-0.06, 0.02)	0.714	0.073	0.082	0.041	0.045	0.08 (2.10e-03, 0.16)	-0.006	0.005	0.058	0.033	0.082	0.06 (-0.01, 0.12)	0.064	0.042	0.129	0.06 (-0.02, 0.15)
5360_9	AKT2	PKB beta	226	0.017	0.018	0.345	0.02 (-0.02, 0.05)	0.714	0.653	0.038	0.037	0.300	0.04 (-0.03, 0.11)	-0.001	0.512	-0.016	0.033	0.632	-0.02 (-0.08, 0.05)	-0.007	0.037	0.850	-0.01 (-0.08, 0.07)
5638_23	COLGALT1	GT251	226	0.018	0.019	0.347	0.02 (-0.02, 0.06)	0.714	0.047	-0.010	0.039	0.799	-0.01 (-0.09, 0.07)	0.002	0.407	-0.024	0.031	0.440	-0.02 (-0.08, 0.04)	-0.051	0.040	0.207	-0.05 (-0.13, 0.03)
6587_6	LRFN5	LRFN5	226	0.018	0.019	0.348	0.02 (-0.02, 0.06)	0.714	0.064	-0.029	0.042	0.492	-0.03 (-0.11, 0.05)	0.003	0.196	0.016	0.040	0.690	0.02 (-0.06, 0.10)	-0.030	0.040	0.456	-0.03 (-0.11, 0.05)
6986_17	HS3ST3B1	HS3SB	226	-0.018	0.019	0.348	-0.02 (-0.05, 0.02)	0.714	0.103	0.010	0.040	0.793	0.01 (-0.07, 0.09)	-0.002	0.418	-0.037	0.038	0.322	-0.04 (-0.11, 0.04)	-0.005	0.040	0.909	-4.56e-03 (-0.08, 0.07)
8587_21	SPINK14	ISK52	226	0.017	0.018	0.348	0.02 (-0.02, 0.05)	0.714	0.922	-0.034	0.037	0.362	-0.03 (-0.11, 0.04)	0.003	0.114	0.046	0.034	0.173	0.05 (-0.02, 0.11)	0.043	0.039	0.269	0.04 (-0.03, 0.12)
8756_41	KCNE5	KCE1L	226	0.018	0.020	0.345	0.02 (-0.02, 0.06)	0.714	0.265	0.048	0.041	0.234	0.05 (-0.03, 0.13)	-0.002	0.396	0.045	0.041	0.274	0.04 (-0.04, 0.13)	0.042	0.042	0.318	0.04 (-0.04, 0.12)
8980_19	CD200R1L	MO2R2	226	-0.018	0.020	0.347	-0.02 (-0.06, 0.02)	0.714	0.258	0.042	0.040	0.302	0.04 (-0.04, 0.12)	-0.004	0.087	-0.012	0.041	0.769	-0.01 (-0.09, 0.07)	-0.010	0.044	0.820	-0.01 (-0.10, 0.08)
9094_5	CLEC4C	CLC4C	226	-0.019	0.020	0.346	-0.02 (-0.06, 0.02)	0.714	0.048	-0.071	0.041	0.080	-0.07 (-0.15, 0.01)	0.003	0.140	-0.083	0.031	0.008	-0.08 (-0.14, -0.02)	-0.100	0.039	0.011	-0.10 (-0.18, -0.02)
2616_23	ERBB2	ERBB2	226	-0.018	0.019	0.349	-0.02 (-0.06, 0.02)	0.715	0.495	-0.049	0.039	0.216	-0.05 (-0.13, 0.03)	0.002	0.373	-0.022	0.038	0.570	-0.02 (-0.10, 0.05)	-0.014	0.043	0.747	-0.01 (-0.10, 0.07)
4917_62	ITGAV	Integrin aVt	226	-0.018	0.019	0.348	-0.02 (-0.05, 0.02)	0.715	0.084	-0.007	0.041	0.857	-0.01 (-0.09, 0.07)	-0.001	0.768	-0.024	0.040	0.543	-0.02 (-0.10, 0.05)	-0.041	0.042	0.328	-0.04 (-0.12, 0.04)
9190_7	CD63	CD63	226	0.018	0.019	0.349	0.02 (-0.02, 0.06)	0.715	0.607	-0.001	0.039	0.987	-6.28e-04 (-0.08, 0.08)	0.001	0.579	-0.007	0.037	0.849	-0.01 (-0.08, 0.07)	0.009	0.039	0.821	0.01 (-0.07, 0.08)
9254_18	FCER1A	FCERA	226	0.018	0.019	0.349	0.02 (-0.02, 0.06)	0.715	0.377	-0.019	0.039	0.633	-0.02 (-0.10, 0.06)	0.002	0.281	0.017	0.039	0.659	0.02 (-0.06, 0.09)	0.012	0.040	0.768	0.01 (-0.07, 0.09)
13421_17	TMEM167B	KISHB	226	0.018	0.019	0.349	0.02 (-0.02, 0.06)	0.715	0.723	-0.013	0.039	0.739	-0.01 (-0.09, 0.06)	0.002	0.359	0.025	0.039	0.525	0.02 (-0.05, 0.10)	0.001	0.043	0.976	1.31e-03 (-0.08, 0.09)
2723_9	IL37	IL-1F7	226	0.018	0.019	0.349	0.02 (-0.02, 0.06)	0.715	0.199	-0.014	0.040	0.735	-0.01 (-0.09, 0.07)	0.002	0.366	0.021	0.041	0.613	0.02 (-0.06, 0.10)	-0.015	0.038	0.691	-0.02 (-0.09, 0.06)
5667_3	SEMA3B	SEM3B	226	0.018	0.019	0.349	0.02 (-0.02, 0.06)	0.715	0.669	0.007	0.039	0.850	0.01 (-0.07, 0.08)	0.001	0.751	0.037	0.033	0.257	0.04 (-0.03, 0.10)	0.035	0.043	0.418	0.04 (-0.05, 0.12)
11350_30	STUB1	CHIP	226	0.017	0.018	0.349	0.02 (-0.02, 0.05)	0.715	0.488	-0.019	0.036	0.607	-0.02 (-0.09, 0.05)	0.002	0.260	-0.011	0.030	0.725	-0.01 (-0.07, 0.05)	-0.024	0.038	0.530	-0.02 (-0.10, 0.05)
18321_38	MTHFD2	MTDC	226	0.019	0.020	0.350	0.02 (-0.02, 0.06)	0.715	0.013	0.010	0.041	0.801	0.01 (-0.07, 0.09)	0.001	0.808	-0.013	0.038	0.738	-0.01 (-0.09, 0.06)	-0.033	0.035	0.353	-0.03 (-0.10, 0.04)
6362_6	C2orf40	AUGN	226	0.018	0.019	0.350	0.02 (-0.02, 0.06)	0.715	0.627	-0.034	0.039	0.389	-0.03 (-0.11, 0.04)	0.003	0.128	0.000	0.040	0.993	3.45e-04 (-0.08, 0.0	0.001	0.038	0.974	1.25e-03 (-0.07, 0.08)
11101_18	TLR4	TLR4	226	-0.018	0.019	0.351	-0.02 (-0.06, 0.02)	0.716	0.230	-0.079	0.040	0.050	-0.08 (-0.16, -5.70e-04)	0.004	0.081	-0.016	0.038	0.664	-0.02 (-0.09, 0.06)	-0.042	0.039	0.274	-0.04 (-0.12, 0.03)
19370_30	HS3ST4	HS3S4	226	0.020	0.021	0.351	0.02 (-0.02, 0.06)	0.716	0.011	0.029	0.043	0.497	0.03 (-0.05, 0.11)	-0.001	0.801	0.012	0.039	0.762	0.01 (-0.07, 0.09)	0.023	0.041	0.574	0.02 (-0.06, 0.10)
2693_20	OSM	OSM	226	0.018	0.019	0.351	0.02 (-0.02, 0.06)	0.716	0.238	-0.022	0.040	0.587	-0.02 (-0.10, 0.06)	0.002	0.254	0.013	0.040	0.754	0.01 (-0.07, 0.09)	-0.015	0.042	0.725	-0.01 (-0.10, 0.07)
6377_54	LYZL2	LYZL2	226	0.018	0.019	0.351	0.02 (-0.02, 0.05)	0.716	0.947	-0.008	0.038	0.838	-0.01 (-0.08, 0.07)	0.002	0.443	-0.026	0.034	0.446	-0.03 (-0.09, 0.04)	-0.025	0.040	0.533	-0.02 (-0.10, 0.05)
6594_64	SAYSD1	SMDC1	226	0.018	0.020	0.351	0.02 (-0.02, 0.06)	0.716	0.156	-0.022	0.041	0.589	-0.02 (-0.10, 0.06)	0.003	0.258	0.017	0.039	0.667	0.02 (-0.06, 0.09)	0.019	0.037	0.618	0.02 (-0.05, 0.09)
8099_42	SPON2	SPON2	226	-0.017	0.018	0.351	-0.02 (-0.05, 0.02)	0.716	0.085	-0.026	0.039	0.510	-0.03 (-0.10, 0.05)	0.001	0.795	-0.020	0.038	0.591	-0.02 (-0.09, 0.05)	-0.038	0.038	0.309	-0.04 (-0.11, 0.04)
9265_10	GLIPR1	GLIP1	226	-0.020	0.022	0.351	-0.02 (-0.06, 0.02)	0.716	0.006	0.027	0.044	0.538	0.03 (-0.06, 0.11)	-0.003	0.214	0.000	0.036	0.995	2.37e-04 (-0.07, 0.0	-0.007	0.044	0.874	-0.01 (-0.09, 0.08)
11171_25	FLNA	filamin A	226	-0.017	0.018	0.353	-0.02 (-0.05, 0.02)	0.719	0.458	-0.060	0.037	0.103	-0.06 (-0.13, 0.01)	0.003	0.177	-0.049	0.035	0.165	-0.05 (-0.12, 0.02)	-0.039	0.035	0.268	-0.04 (-0.11, 0.03)
15398_2	GFER	HERV1	226	0.017	0.019	0.353	0.02 (-0.02, 0.05)	0.719	0.620	0.006	0.038	0.880	0.01 (-0.07, 0.08)	0.001	0.720	-0.016	0.032	0.618	-0.02 (-0.08, 0.05)	-0.043	0.039	0.273	-0.04 (-0.12, 0.03)
19242_21	PFDN1	PFD1	226	0.018	0.019	0.353	0.02 (-0.02, 0.05)	0.719	0.208	-0.038	0.040	0.342	-0.04 (-0.12, 0.04)	0.003	0.109	-0.046	0.035	0.193	-0.05 (-0.12, 0.02)	-0.045	0.042	0.288	-0.04 (-0.13, 0.04)
2649_77	ICAM3	sICAM-3	226	0.020	0.021	0.353	0.02 (-0.02, 0.06)	0.719	0.007	-0.001	0.043	0.982	-9.78e-04 (-0.09, 0.08)	0.001	0.579	-0.019	0.038	0.614	-0.02 (-0.09, 0.06)	-0.017	0.040	0.676	-0.02 (-0.10, 0.06)
6651_74	UBB	PolyUbiquit	226	-0.017	0.018	0.353	-0.02 (-0.05, 0.02)	0.719	0.822	-0.058	0.037	0.118	-0.06 (-0.13, 0.01)	0.003	0.203	-0.047	0.029	0.100	-0.05 (-0.10, 0.01)	-0.070	0.040	0.087	-0.07 (-0.15, 0.01)
8102_239	C1orf186	CA186	226	0.018	0.019	0.354	0.02 (-0.02, 0.06)	0.719	0.444	-0.022	0.039	0.569	-0.02 (-0.10, 0.05)	0.002	0.237	0.044	0.039	0.254	0.04 (-0.03, 0.12)	0.049	0.042	0.252	0.05 (-0.03, 0.13)
11537_12	TFR2	TFR2	226	0.018	0.019	0.355	0.02 (-0.02, 0.06)	0.721	0.115	0.062	0.041	0.133	0.06 (-0.02, 0.14)	-0.003	0.218	0.059	0.031	0.059	0.06 (-2.17e-03, 0.1	0.068	0.045	0.138	0.07 (-0.02, 0.16)
12960_9	GCK	HXK4	226	0.019	0.021	0.355	0.02 (-0.02, 0.06)	0.721	0.030	-0.033	0.042	0.436	-0.03 (-0.12, 0.05)	0.003	0.155	-0.010	0.040	0.801	-0.01 (-0.09, 0.07)	-0.017	0.041	0.684	-0.02 (-0.10, 0.06)
14098_28	CARS	SYCC	226	0.017	0.018	0.356	0.02 (-0.02, 0.05)	0.721	0.308	0.011	0.037	0.760	0.01 (-0.06, 0.08)	0.000	0.871	-0.029	0.031	0.345	-0.03 (-0.09, 0.03)	-0.030	0.037	0.420	-0.03 (-0.10, 0.04)
18870_1	CD3E	CD3E	226	-0.017	0.019	0.356	-0.02 (-0.05, 0.02)	0.721	0.073	-0.077	0.040	0.058	-0.08 (-0.16, 2.23e-03)	0.004	0.091	-0.024	0.041	0.553	-0.02 (-0.11, 0.06)	-0.033	0.041	0.421	-0.03 (-0.11, 0.05)
18938_3	VLDLR	VLDLR	226	0.018	0.019	0.355	0.02 (-0.02, 0.06)	0.721	0.063	-0.028	0.042	0.505	-0.03 (-0.11, 0.05)	0.003	0.208	0.006	0.040	0.881	0.01 (-0.07, 0.08)	-0.010	0.040	0.803	-0.01 (-0.09, 0.07)
18942_11	PSMB9	PSB9	226	-0.018	0.020	0.355	-0.02 (-0.06, 0.02)	0.721	0.245	-0.030	0.041	0.468	-0.03 (-0.11, 0.05)	0.001	0.745	-0.009	0.040	0.822	-0.01 (-0.09, 0.07)	-0.010	0.042	0.808	-0.01 (-0.09, 0.07)
2900_53	CCL14	HCC-1	226	-0.017	0.019	0.356	-0.02 (-0.05, 0.02)	0.721	0.179	-0.050	0.040	0.210	-0.05 (-0.13, 0.03)	0.002	0.347	-0.014	0.039	0.728	-0.01 (-0.09, 0.06)	-0.012	0.041	0.762	-0.01 (-0.09, 0.07)
3522_57	VIP	Vasoactive	226	0.017	0.018	0.355	0.02 (-0.02, 0.05)	0.721	0.679	-0.005	0.037	0.888	-0.01 (-0.08, 0.07)	0.001	0.490	-0.020	0.030	0.492	-0.02 (-0.08, 0.04)	-0.061	0.041	0.138	-0.06 (-0.14, 0.02)
3535_84	DKK1	DKK1	226	0.020	0.021	0.356	0.02 (-0.02, 0.06)	0.721	2.97E-04	0.017	0.043	0.697	0.02 (-0.07, 0.10)	0.000	0.938	-0.009	0.037	0.815	-0.01 (-0.08, 0.06)	-0.018	0.040	0.655	-0.02 (-0.10, 0.06)
5478_50	FOLH1	PSMA	226	0.017	0.019	0.355	0.02 (-0.02, 0.05)	0.721	0.237	0.054	0.039	0.172	0.05 (-0.02, 0.13)	-0.002	0.288	0.041	0.038	0.277	0.04 (-0.03, 0.12)	0.044	0.039	0.256	0.04 (-0.03, 0.12)
7854_38	NCR3LG1	NR3L1	226	-0.018	0.020	0.356	-0.02 (-0.06, 0.02)	0.721	0.173	-0.043	0.041	0.301	-0.04 (-0.12, 0.04)	0.002	0.492	0.005	0.040	0.894	0.01 (-0.07, 0.08)	-0.004	0.043	0.934	-3.56e-03 (-0.09, 0.08)
8931_124	G0S2	G0S2	226	0.018	0.020	0.356	0.02 (-0.02, 0.06)	0.721	0.726	0.022	0.039	0.584	0.02 (-0.06, 0.10)	0.000	0.918	-0.014	0.040	0.722	-0.01 (-0.09, 0.06)	-0.021	0.047	0.658	-0.02 (-0.11, 0.07)
9076_25	PENK	PENK	226	-0.033	0.036	0.356	-0.03 (-0.10, 0.04)	0.721	9.53E-71	0.022	0.073	0.769	0.02 (-0.12, 0.16)	-0.003	0.388	-0.037	0.040	0.360	-0.04 (-0.11, 0.04)	-0.035	0.040	0.380	-0.04 (-0.11, 0.04)
9097_5	KIAA1324	K1324	226	0.017	0.018	0.356	0.02 (-0.02, 0.05)	0.721	0.198	-0.006	0.038	0.874	-0.01 (-0.08, 0.07)	0.001	0.490	-0.030	0.034	0.376	-0.03 (-0.10, 0.04)	-0.014	0.039	0.724	-0.01 (-0.09, 0.06)
10064_12	RBBP9	RBBP9	226	0.017	0.019	0.358	0.02 (-0.02, 0.05)	0.721	0.065	-0.015	0.040	0.704	-0.02 (-0.09, 0.06)	0.002	0.354	-0.028	0.033	0.399	-0.03 (-0.09, 0.04)	-0.020	0.042	0.627	-0.02 (-0.10, 0.06)
11138_16	RUNX3	RUNX3	226	-0.017	0.018	0.358	-0.02 (-0.05, 0.02)	0.721	0.168	-0.044	0.039	0.259	-0.04 (-0.12, 0.03)	0.002	0.425	-0.023	0.030	0.442	-0.02 (-0.08, 0.04)	-0.024	0.038	0.525	-0.02 (-0.10, 0.05)
11243_90	ADGRF1	GPR110	226	0.017	0.018	0.357	0.02 (-0.02, 0.05)	0.721	0.114	-0.002	0.038	0.948	-2.49e-03 (-0.08, 0.07)	0.001	0.567	-0.004	0.035	0.898	-4.50e-03 (-0.07, 0.	0.020	0.038	0.608	0.02 (-0.06, 0.09)
12333_87	RPIA	RPIA	226	-0.017	0.019	0.358	-0.02 (-0.05, 0.02)	0.721	0.185	-0.004	0.039	0.910	-4.42e-03 (-0.08, 0.07)	-0.001	0.709	-0.055	0.032	0.087	-0.06 (-0.12, 0.01)	-0.074	0.044	0.095	-0.07 (-0.16, 0.01)
12766_33	GPR142	GP142	226	-0.018	0.019	0.358	-0.02 (-0.06, 0.02)	0.721	0.685	-0.011	0.039	0.773	-0.01 (-0.09, 0.07)	0.000	0.847	-0.029	0.040	0.477	-0.03 (-0.11, 0.05)	-0.027	0.043	0.530	-0.03 (-0.11, 0.06)
14229_5	MOCS3	MOCS3	226	0.019	0.021	0.358	0.02 (-0.02, 0.06)	0.721	0.025	-0.028	0.042	0.503	-0.03 (-0.11, 0.05)	0.003	0.195	0.011	0.041	0.785	0.01 (-0.07, 0.09)	0.009	0.039	0.817	0.01 (-0.07, 0.08)
14689_3	SEC13	SEC13	226	-0.020	0.022	0.358	-0.02 (-0.06, 0.02)	0.721	0.001	-0.030	0.044	0.502	-0.03 (-0.12, 0.06)	0.001	0.802	0.010	0.039	0.797	0.01 (-0.07, 0.09)	0.004	0.041	0.926	3.79e-03 (-0.08, 0.08)
15343_337	KNG1	Kininogen,	226	0.018	0.019	0.358	0.02 (-0.02, 0.06)	0.721	0.333	0.059	0.040	0.143	0.06 (-0.02, 0.14)	-0.003	0.241	0.061	0.040	0.124	0.06 (-0.02, 0.14)	0.064	0.044	0.151	0.06 (-0.02, 0.15)
3730_81	TNFRSF4	TNR4	226	-0.020	0.021	0.358	-0.02 (-0.06, 0.02)	0.721	0.028	-0.004	0.043	0.930	-3.76e-03 (-0.09, 0.08)	-0.001	0.672	0.010	0.040	0.803	0.01 (-0.07, 0.09)	-0.026	0.042	0.531	-0.03 (-0.11, 0.06)
9107_59	ARMC10	ARM10	226	0.018	0.019	0.358	0.02 (-0.02, 0.06)	0.721	0.499	-0.002	0.039	0.963	-1.81e-03 (-0.08, 0.07)	0.001	0.563	0.023	0.040	0.566	0.02 (-0.06, 0.10)	0.020	0.038	0.606	0.02 (-0.06, 0.10)
9306_7	DEFB118	DB118	226	-0.019	0.020	0.357	-0.02 (-0.06, 0.02)	0.721	0.046	0.020	0.041	0.635	0.02 (-0.06, 0.10)	-0.002	0.284	-0.026	0.038	0.493	-0.03 (-0.10, 0.05)	-0.003	0.039	0.933	-3.30e-03 (-0.08, 0.07)
12945_33	RAB18	RAB18	226	0.018	0.020	0.360	0.02 (-0.02, 0.06)	0.723	0.174	0.021	0.041	0.608	0.02 (-0.06, 0.10)	0.000	0.928	-0.020	0.036	0.577	-0.02 (-0.09, 0.05)	-0.007	0.042	0.876	-0.01 (-0.09, 0.08)
15506_34	LRP12	LRP12	226	0.020	0.021	0.360	0.02 (-0.02, 0.06)	0.723	0.020	0.041	0.043	0.347	0.04 (-0.04, 0.13)	-0.001	0.575	0.031	0.041	0.455	0.03 (-0.05, 0.11)	0.022	0.044	0.617	0.02 (-0.06, 0.11)
16900_29	MDGA1	MDGA1	226	-0.019	0.021	0.360	-0.02 (-0.06, 0.02)	0.723	0.010	0.025	0.043	0.563	0.02 (-0.06, 0.11)	-0.003	0.235	0.009	0.039	0.826	0.01 (-0.07, 0.09)	-0.008	0.041	0.839	-0.01 (-0.09, 0.07)
19273_3	GSR	Glutathione	226	-0.018	0.019	0.360	-0.02 (-0.06, 0.02)	0.723	0.237	0.015	0.040	0.710	0.01 (-0.06, 0.09)	-0.002	0.350	-0.018	0.039	0.638	-0.02 (-0.09, 0.06)	-0.008	0.039	0.838	-0.01 (-0.09, 0.07)
3520_58	TGFB3	TGF-b3	226	-0.018	0.019	0.360	-0.02 (-0.06, 0.02)	0.723	0.784	0.000	0.039	0.991	-4.44e-04 (-0.08, 0.08)	-0.001	0.610	0.008	0.039	0.842	0.01 (-0.07, 0.09)	0.014	0.041	0.726	0.01 (-0.07, 0.09)
4889_82	WNT7A	WNT7A	226	-0.020	0.022	0.360	-0.02 (-0.06, 0.02)	0.723	0.007	0.019	0.044	0.670	0.02 (-0.07, 0.10)	-0.002	0.311	0.023	0.036	0.525	0.02 (-0.05, 0.09)	0.014	0.040	0.731	0.01 (-0.06, 0.09)
7758_217	RNF215	RN215	226	-0.018	0.020	0.360	-0.02 (-0.06, 0.02)	0.723	0.772	0.003	0.040	0.936	3.15e-03 (-0.07, 0.08)	-0.001	0.539	-0.016	0.034	0.647	-0.02 (-0.08, 0.05)	-0.005	0.040	0.902	-4.88e-03 (-0.08, 0.07)
3077_66	F10	Coagulatior	226	0.021	0.023	0.361	0.02 (-0.02, 0.07)	0.723	9.19E-05	0.035	0.046	0.452	0.03 (-0.06, 0.13)	-0.001	0.730	0.044	0.041	0.287	0.04 (-0.04, 0.12)	0.039	0.047	0.412	0.04 (-0.05, 0.13)
19567_1	EGFR	EGFRvIII	226	-0.018	0.020	0.361	-0.02 (-0.06, 0.02)	0.723	0.759	0.011	0.039	0.783	0.01 (-0.07, 0.09)	-0.002	0.402	-0.016	0.036	0.663	-0.02 (-0.09, 0.06)	-0.015	0.039	0.700	-0.01 (-0.09, 0.06)
13097_11	BCL2L2	Apoptosis r	226	0.018	0.019	0.361	0.02 (-0.02, 0.06)	0.723	0.353	-0.017	0.040	0.664	-0.02 (-0.10, 0.06)	0.002	0.311	-0.037	0.037	0.315	-0.04 (-0.11, 0.04)	-0.044	0.041	0.289	-0.04 (-0.13, 0.04)
3082_9	ULBP2	ULBP-2	226	-0.018	0.020	0.362	-0.02 (-0.06, 0.02)	0.724	0.297	0.017	0.040	0.677	0.02 (-0.06, 0.10)	-0.002	0.323	-0.025	0.041	0.544	-0.02 (-0.11, 0.06)	-0.022	0.042	0.601	-0.02 (-0.10, 0.06)
9100_32	C5orf46	CE046	226	0.017	0.019	0.362	0.02 (-0.02, 0.05)	0.724	0.681	0.012	0.038	0.749	0.01 (-0.06, 0.09)	0.000	0.879	-0.005	0.036	0.899	-4.55e-03 (-0.08, 0.	0.003	0.037	0.940	2.75e-03 (-0.07, 0.07)
9916_146	LRRC4B	LRC4B	226	0.018	0.019	0.362	0.02 (-0.02, 0.06)	0.724	0.768	0.025	0.039	0.516	0.03 (-0.05, 0.10)	0.000	0.821	0.008	0.039	0.832	0.01 (-0.07, 0.08)	0.028	0.042	0.515	0.03 (-0.06, 0.11)
19574_5	ITGA2B	gpIIbIIIa	226	0.018	0.020	0.362	0.02 (-0.02, 0.06)	0.724	0.018	0.020	0.041	0.626	0.02 (-0.06, 0.10)	0.000	0.966	-0.039	0.031	0.215	-0.04 (-0.10, 0.02)	-0.018	0.042	0.670	-0.02 (-0.10, 0.06)
2441_2	FGF10	FGF-10	226	0.020	0.021	0.362	0.02 (-0.02, 0.06)	0.724	0.014	0.043	0.043	0.321	0.04 (-0.04, 0.13)	-0.001	0.532	0.005	0.037	0.892	5.00e-03 (-0.07, 0.0	-0.023	0.043	0.597	-0.02 (-0.11, 0.06)
8953_47	HDGF	HDGF	226	0.016	0.018	0.362	0.02 (-0.02, 0.05)	0.724	0.132	-0.004	0.038	0.915	-4.05e-03 (-0.08, 0.07)	0.001	0.537	-0.033	0.036	0.367	-0.03 (-0.10, 0.04)	-0.019	0.039	0.627	-0.02 (-0.09, 0.06)
9899_28	KIF1C	KIF1C	226	0.018	0.019	0.362	0.02 (-0.02, 0.06)	0.724	0.300	-0.026	0.040	0.519	-0.03 (-0.10, 0.05)	0.003	0.211	0.028	0.038	0.472	0.03 (-0.05, 0.10)	0.007	0.041	0.871	0.01 (-0.07, 0.09)
15608_5	RPS6KB1	KS6B1	226	0.016	0.018	0.363	0.02 (-0.02, 0.05)	0.724	0.524	0.022	0.036	0.542	0.02 (-0.05, 0.09)	0.000	0.855	-0.022	0.033	0.513	-0.02 (-0.09, 0.04)	0.000	0.037	0.993	3.34e-04 (-0.07, 0.07)
17777_31	SDSL	SDSL	226	0.018	0.019	0.363	0.02 (-0.02, 0.06)	0.724	0.311	0.046	0.040	0.254	0.05 (-0.03, 0.12)	-0.002	0.419	0.032	0.043	0.464	0.03 (-0.05, 0.12)	0.048	0.043	0.265	0.05 (-0.04, 0.13)
7997_118	DOC2B	DOC2B	226	-0.020	0.022	0.363	-0.02 (-0.06, 0.02)	0.724	0.005	0.013	0.043	0.770	0.01 (-0.07, 0.10)	-0.002	0.392	0.016	0.036	0.651	0.02 (-0.05, 0.09)	-0.003	0.039	0.941	-2.91e-03 (-0.08, 0.07)
12458_79	CHP1	CHP1	226	-0.017	0.019	0.364	-0.02 (-0.05, 0.02)	0.725	0.176	-0.042	0.039	0.284	-0.04 (-0.12, 0.03)	0.002	0.460	-0.052	0.033	0.112	-0.05 (-0.12, 0.01)	-0.052	0.041	0.213	-0.05 (-0.13, 0.03)
13381_49	B4GALT1	B4GT1	226	-0.023	0.025	0.364	-0.02 (-0.07, 0.03)	0.725	1.03E-10	-0.035	0.051	0.492	-0.04 (-0.14, 0.06)	0.001	0.784	-0.050	0.035	0.146	-0.05 (-0.12, 0.02)	-0.034	0.045	0.442	-0.03 (-0.12, 0.05)
15603_20	ITGA2	Integrin alpl	226	-0.018	0.019	0.364	-0.02 (-0.06, 0.02)	0.725	0.103	0.011	0.041	0.793	0.01 (-0.07, 0.09)	-0.002	0.428	-0.009	0.032	0.779	-0.01 (-0.07, 0.05)	0.041	0.044	0.351	0.04 (-0.04, 0.13)
19335_2	HN1	HN1	226	0.018	0.019	0.364	0.02 (-0.02, 0.06)	0.725	0.657	0.011	0.039	0.788	0.01 (-0.07, 0.09)	0.000	0.835	-0.023	0.034	0.507	-0.02 (-0.09, 0.04)	-0.030	0.039	0.448	-0.03 (-0.11, 0.05)
4267_81	PES1	PESC	226	-0.017	0.019	0.364	-0.02 (-0.05, 0.02)	0.725	0.727	0.015	0.039	0.705	0.01 (-0.06, 0.09)	-0.002	0.340	-0.022	0.041	0.604	-0.02 (-0.10, 0.06)	-0.001	0.042	0.981	-9.88e-04 (-0.08, 0.08)
5138_50	TNFRSF12.	TWEAKR	226	-0.018	0.019	0.364	-0.02 (-0.06, 0.02)	0.725	0.551	-0.061	0.039	0.117	-0.06 (-0.14, 0.01)	0.003	0.196	-0.038	0.040	0.339	-0.04 (-0.12, 0.04)	-0.022	0.039	0.565	-0.02 (-0.10, 0.05)
5440_26	TNNI2	Troponin I,	226	0.018	0.020	0.364	0.02 (-0.02, 0.06)	0.725	0.011	0.059	0.041	0.151	0.06 (-0.02, 0.14)	-0.003	0.255	0.064	0.032	0.045	0.06 (1.44e-03, 0.1	0.072	0.040	0.074	0.07 (-0.01, 0.15)
6550_4	ICAM4	ICAM4	226	-0.021	0.023	0.364	-0.02 (-0.07, 0.02)	0.725	8.19E-06	0.019	0.047	0.684	0.02 (-0.07, 0.11)	-0.003	0.324	-0.017	0.042	0.690	-0.02 (-0.10, 0.07)	-0.035	0.043	0.415	-0.04 (-0.12, 0.05)
10907_116	NTM	NTRI	226	-0.018	0.020	0.365	-0.02 (-0.06, 0.02)	0.726	0.002	0.030	0.040	0.444	0.03 (-0.05, 0.11)	-0.003	0.162	0.019	0.031	0.533	0.02 (-0.04, 0.08)	0.023	0.039	0.554	0.02 (-0.05, 0.10)
3174_2	ADAMTS1	ATS1	226	0.018	0.020	0.366	0.02 (-0.02, 0.06)	0.728	0.023	0.092	0.040	0.024	0.09 (0.01, 0.17)	-0.005	0.038	0.013	0.037	0.735	0.01 (-0.06, 0.09)	0.042	0.044	0.337	0.04 (-0.04, 0.13)
10558_26	PCDH9	PCDH9	226	-0.019	0.022	0.366	-0.02 (-0.06, 0.02)	0.728	4.13E-04	0.046	0.043	0.287	0.05 (-0.04, 0.13)	-0.004	0.082	0.033	0.035	0.339	0.03 (-0.03, 0.10)	0.032	0.041	0.436	0.03 (-0.05, 0.11)
13941_82	FARS2	SYFM	226	-0.017	0.019	0.367	-0.02 (-0.05, 0.02)	0.728	0.222	0.010	0.040	0.806	0.01 (-0.07, 0.09)	-0.002	0.435	0.021	0.037	0.565	0.02 (-0.05, 0.09)	0.004	0.043	0.919	4.32e-03 (-0.08, 0.09)
2838_53	MMP17	MMP-17	226	0.019	0.021	0.367	0.02 (-0.02, 0.06)	0.729	0.042	-0.012	0.041	0.768	-0.01 (-0.09, 0.07)	0.002	0.393	0.001	0.040	0.981	9.57e-04 (-0.08, 0.0	0.027	0.045	0.550	0.03 (-0.06, 0.11)
3065_65	FGF5	FGF-5	226	-0.017	0.019	0.367	-0.02 (-0.05, 0.02)	0.729	0.364	0.051	0.039	0.189	0.05 (-0.02, 0.13)	-0.004	0.044	0.003	0.041	0.934	3.36e-03 (-0.08, 0.0	-0.003	0.044	0.944	-3.11e-03 (-0.09, 0.08)
7745_3	CISD1	ZCD1	226	0.018	0.019	0.367	0.02 (-0.02, 0.06)	0.729	0.447	0.038	0.039	0.331	0.04 (-0.04, 0.12)	-0.001	0.543	0.016	0.039	0.678	0.02 (-0.06, 0.09)	0.022	0.039	0.565	0.02 (-0.05, 0.10)
9847_21	TGIF2	TGIF2	226	0.017	0.019	0.367	0.02 (-0.02, 0.06)	0.729	0.252	0.042	0.040	0.294	0.04 (-0.04, 0.12)	-0.002	0.477	0.032	0.038	0.403	0.03 (-0.04, 0.11)	0.018	0.040	0.647	0.02 (-0.06, 0.10)
9728_4	CCNB1IP1	CIP1	226	-0.018	0.020	0.368	-0.02 (-0.06, 0.02)	0.729	0.125	-0.020	0.042	0.625	-0.02 (-0.10, 0.06)	0.000	0.940	-0.029	0.040	0.479	-0.03 (-0.11, 0.05)	0.009	0.044	0.829	0.01 (-0.08, 0.09)
14043_12	EEA1	EEA1	226	0.017	0.019	0.368	0.02 (-0.02, 0.06)	0.729	0.306	-0.025	0.040	0.539	-0.02 (-0.10, 0.05)	0.003	0.227	0.015	0.039	0.711	0.01 (-0.06, 0.09)	0.000	0.040	0.991	4.77e-04 (-0.08, 0.08)
19360_22	LRRTM1	LRRT1	226	-0.018	0.020	0.368	-0.02 (-0.06, 0.02)	0.730	0.946	-0.015	0.039	0.702	-0.02 (-0.09, 0.06)	0.000	0.941	-0.045	0.034	0.178	-0.05 (-0.11, 0.02)	-0.057	0.040	0.152	-0.06 (-0.13, 0.02)
10814_7	CD1A	CD1A	226	0.017	0.019	0.368	0.02 (-0.02, 0.06)	0.730	0.474	-0.057	0.039	0.149	-0.06 (-0.13, 0.02)	0.005	0.030	0.013	0.042	0.756	0.01 (-0.07, 0.09)	-0.006	0.043	0.892	-0.01 (-0.09, 0.08)
17799_9	PGLS	6PGL	226	0.016	0.017	0.369	0.02 (-0.02, 0.05)	0.730	0.690	-0.001	0.035	0.984	-6.99e-04 (-0.07, 0.07)	0.001	0.592	-0.034	0.031	0.273	-0.03 (-0.10, 0.03)	-0.020	0.036	0.575	-0.02 (-0.09, 0.05)
3844_2	PPIA	Cyclophilin	226	-0.016	0.018	0.369	-0.02 (-0.05, 0.02)	0.730	0.766	-0.030	0.036	0.414	-0.03 (-0.10, 0.04)	0.001	0.669	-0.032	0.031	0.305	-0.03 (-0.09, 0.03)	-0.060	0.039	0.128	-0.06 (-0.14, 0.02)
6430_36	FAM19A2	F19A2	226	0.018	0.020	0.369	0.02 (-0.02, 0.06)	0.730	0.969	-0.034	0.039	0.394	-0.03 (-0.11, 0.04)	0.003	0.135	-0.005	0.040	0.896	-0.01 (-0.08, 0.07)	0.003	0.040	0.941	3.00e-03 (-0.08, 0.08)
7970_315	ART3	NAR3	226	-0.016	0.018	0.369	-0.02 (-0.05, 0.02)	0.730	0.146	0.047	0.038	0.221	0.05 (-0.03, 0.12)	-0.004	0.058	-0.011	0.033	0.730	-0.01 (-0.08, 0.05)	-0.009	0.036	0.797	-0.01 (-0.08, 0.06)
12777_11	SF1	SF01	226	-0.017	0.019	0.369	-0.02 (-0.05, 0.02)	0.730	0.777	0.006	0.038	0.884	0.01 (-0.07, 0.08)	-0.001	0.496	-0.019	0.038	0.611	-0.02 (-0.09, 0.06)	0.003	0.042	0.942	3.08e-03 (-0.08, 0.09)
11152_46	KLK13	kallikrein 1	226	-0.019	0.021	0.370	-0.02 (-0.06, 0.02)	0.730	0.013	-0.013	0.042	0.759	-0.01 (-0.10, 0.07)	0.000	0.874	0.000	0.041	0.996	1.92e-04 (-0.08, 0.0	-0.012	0.041	0.767	-0.01 (-0.09, 0.07)
5023_23	ADSL	PUR8	226	0.017	0.019	0.370	0.02 (-0.02, 0.05)	0.731	0.669	0.005	0.038	0.893	0.01 (-0.07, 0.08)	0.001	0.720	-0.020	0.033	0.537	-0.02 (-0.08, 0.04)	-0.016	0.040	0.678	-0.02 (-0.09, 0.06)
4224_7	SYNCRIP	HNRPQ	226	0.018	0.020	0.370	0.02 (-0.02, 0.06)	0.731	0.326	-0.034	0.040	0.403	-0.03 (-0.11, 0.04)	0.003	0.143	-0.003	0.040	0.935	-3.31e-03 (-0.08, 0.	0.000	0.043	0.996	2.37e-04 (-0.08, 0.08)
13126_52	DSC2	DSC2	226	-0.019	0.022	0.370	-0.02 (-0.06, 0.02)	0.731	0.007	0.036	0.043	0.400	0.04 (-0.05, 0.12)	-0.003	0.139	0.027	0.038	0.470	0.03 (-0.05, 0.10)	0.025	0.043	0.557	0.03 (-0.06, 0.11)
11320_29	CHFR	CHFR	226	0.019	0.021	0.371	0.02 (-0.02, 0.06)	0.731	0.037	0.004	0.042	0.931	3.62e-03 (-0.08, 0.09)	0.001	0.681	0.022	0.041	0.581	0.02 (-0.06, 0.10)	0.041	0.041	0.317	0.04 (-0.04, 0.12)
14329_4	DIDO1	DIDO1	226	-0.017	0.019	0.371	-0.02 (-0.05, 0.02)	0.731	0.553	-0.023	0.038	0.548	-0.02 (-0.10, 0.05)	0.000	0.856	-0.016	0.042	0.696	-0.02 (-0.10, 0.07)	0.007	0.042	0.866	0.01 (-0.08, 0.09)
15475_4	PLTP	PLTP	226	0.020	0.023	0.371	0.02 (-0.02, 0.06)	0.731	4.79E-04	0.048	0.046	0.293	0.05 (-0.04, 0.14)	-0.002	0.483	0.034	0.039	0.390	0.03 (-0.04, 0.11)	0.024	0.038	0.525	0.02 (-0.05, 0.10)
15521_4	CLSTN1	Alcadein al	226	0.020	0.022	0.371	0.02 (-0.02, 0.06)	0.731	0.002	0.027	0.044	0.542	0.03 (-0.06, 0.11)	0.000	0.848	0.018	0.041	0.656	0.02 (-0.06, 0.10)	0.038	0.040	0.349	0.04 (-0.04, 0.12)
5626_20	CTRC	CTRC	226	-0.017	0.019	0.371	-0.02 (-0.05, 0.02)	0.731	0.394	-0.033	0.039	0.389	-0.03 (-0.11, 0.04)	0.001	0.625	-0.022	0.037	0.548	-0.02 (-0.09, 0.05)	-0.029	0.041	0.479	-0.03 (-0.11, 0.05)
8759_29	A4GALT	a1,4-Galact	226	-0.020	0.022	0.371	-0.02 (-0.06, 0.02)	0.731	3.35E-04	0.054	0.044	0.221	0.05 (-0.03, 0.14)	-0.005	0.055	0.017	0.036	0.638	0.02 (-0.05, 0.09)	0.008	0.042	0.852	0.01 (-0.07, 0.09)
13651_54	ZFP91	ZFP91	226	0.017	0.019	0.372	0.02 (-0.02, 0.06)	0.732	0.637	0.003	0.039	0.949	2.52e-03 (-0.07, 0.08)	0.001	0.663	0.075	0.034	0.028	0.07 (0.01, 0.14)	0.068	0.041	0.101	0.07 (-0.01, 0.15)
2695_25	PECAM1	PECAM-1	226	0.019	0.021	0.372	0.02 (-0.02, 0.06)	0.732	0.033	0.009	0.043	0.834	0.01 (-0.07, 0.09)	0.001	0.789	0.055	0.041	0.179	0.06 (-0.03, 0.14)	0.038	0.042	0.365	0.04 (-0.04, 0.12)
4930_21	STC1	Stanniocalc	226	0.019	0.022	0.372	0.02 (-0.02, 0.06)	0.732	0.005	0.009	0.044	0.834	0.01 (-0.08, 0.09)	0.001	0.788	-0.041	0.036	0.261	-0.04 (-0.11, 0.03)	-0.048	0.042	0.246	-0.05 (-0.13, 0.03)
9503_1	NMS	NMS	226	-0.017	0.019	0.372	-0.02 (-0.05, 0.02)	0.732	0.498	0.010	0.039	0.801	0.01 (-0.07, 0.09)	-0.002	0.424	-0.036	0.039	0.365	-0.04 (-0.11, 0.04)	-0.026	0.040	0.511	-0.03 (-0.10, 0.05)
18244_1	ANXA7	ANXA7	226	-0.017	0.019	0.372	-0.02 (-0.05, 0.02)	0.732	0.613	0.010	0.038	0.784	0.01 (-0.06, 0.08)	-0.002	0.409	-0.038	0.033	0.249	-0.04 (-0.10, 0.03)	-0.044	0.038	0.244	-0.04 (-0.12, 0.03)
4355_13	DAPK2	DAPK2	226	0.017	0.019	0.373	0.02 (-0.02, 0.05)	0.732	0.066	-0.024	0.040	0.543	-0.02 (-0.10, 0.05)	0.003	0.240	-0.021	0.032	0.518	-0.02 (-0.08, 0.04)	-0.026	0.036	0.478	-0.03 (-0.10, 0.04)
12437_18	ULK3	ULK3	226	0.017	0.020	0.373	0.02 (-0.02, 0.06)	0.732	0.671	0.046	0.039	0.241	0.05 (-0.03, 0.12)	-0.002	0.400	0.019	0.041	0.639	0.02 (-0.06, 0.10)	0.016	0.043	0.713	0.02 (-0.07, 0.10)
19265_9	TCP1	TCPA	226	0.016	0.018	0.373	0.02 (-0.02, 0.05)	0.732	0.571	-0.003	0.037	0.930	-3.21e-03 (-0.08, 0.07)	0.001	0.542	-0.031	0.031	0.305	-0.03 (-0.09, 0.03)	-0.053	0.040	0.189	-0.05 (-0.13, 0.03)
8803_61	PVRL1	nectin-1 ga	226	0.017	0.019	0.373	0.02 (-0.02, 0.05)	0.732	0.056	0.028	0.041	0.489	0.03 (-0.05, 0.11)	-0.001	0.746	-0.007	0.038	0.858	-0.01 (-0.08, 0.07)	-0.007	0.040	0.865	-0.01 (-0.09, 0.07)
17341_89	ACAT2	THIC	226	-0.016	0.018	0.374	-0.02 (-0.05, 0.02)	0.733	0.246	-0.050	0.038	0.183	-0.05 (-0.12, 0.02)	0.002	0.297	-0.041	0.035	0.237	-0.04 (-0.11, 0.03)	-0.031	0.035	0.384	-0.03 (-0.10, 0.04)
18813_15	DDX19A	DD19A	226	0.016	0.018	0.374	0.02 (-0.02, 0.05)	0.733	0.420	0.024	0.037	0.525	0.02 (-0.05, 0.10)	0.000	0.818	-0.002	0.034	0.946	-2.32e-03 (-0.07, 0.	0.001	0.042	0.985	8.04e-04 (-0.08, 0.08)
8253_2	POMGNT1	PMGT1	226	-0.017	0.019	0.374	-0.02 (-0.05, 0.02)	0.733	0.892	0.000	0.039	0.997	1.29e-04 (-0.08, 0.08)	-0.001	0.609	0.001	0.040	0.974	1.30e-03 (-0.08, 0.0	-0.001	0.039	0.985	-7.09e-04 (-0.08, 0.08)
9933_49	ATP1B4	AT1B4	226	-0.017	0.020	0.374	-0.02 (-0.06, 0.02)	0.733	0.463	0.026	0.039	0.518	0.03 (-0.05, 0.10)	-0.003	0.211	0.024	0.038	0.527	0.02 (-0.05, 0.10)	0.022	0.041	0.597	0.02 (-0.06, 0.10)
3323_37	LRP8	LRP8	226	-0.019	0.021	0.374	-0.02 (-0.06, 0.02)	0.733	0.024	0.066	0.042	0.119	0.07 (-0.02, 0.15)	-0.005	0.021	-0.020	0.032	0.542	-0.02 (-0.08, 0.04)	0.001	0.043	0.978	1.21e-03 (-0.08, 0.09)
4258_15	PA2G4	PA2G4	226	-0.017	0.019	0.375	-0.02 (-0.05, 0.02)	0.733	0.844	-0.021	0.038	0.585	-0.02 (-0.10, 0.05)	0.000	0.903	-0.046	0.036	0.207	-0.05 (-0.12, 0.03)	-0.048	0.039	0.221	-0.05 (-0.13, 0.03)
13386_248	RNF34	RNF34	226	0.017	0.019	0.375	0.02 (-0.02, 0.05)	0.733	0.301	-0.017	0.040	0.661	-0.02 (-0.10, 0.06)	0.002	0.317	0.031	0.038	0.411	0.03 (-0.04, 0.10)	0.003	0.037	0.931	3.20e-03 (-0.07, 0.08)
3891_56	MBD4	MBD4	226	0.016	0.018	0.375	0.02 (-0.02, 0.05)	0.734	0.090	0.017	0.040	0.675	0.02 (-0.06, 0.09)	0.000	0.994	-0.008	0.031	0.811	-0.01 (-0.07, 0.05)	-0.019	0.044	0.661	-0.02 (-0.11, 0.07)
3477_63	NTRK1	TrkA	226	0.017	0.019	0.376	0.02 (-0.02, 0.05)	0.734	0.360	0.062	0.039	0.114	0.06 (-0.01, 0.14)	-0.003	0.185	-0.013	0.036	0.716	-0.01 (-0.08, 0.06)	-0.002	0.039	0.967	-1.62e-03 (-0.08, 0.08)
3504_58	HAMP	LEAP-1	226	0.016	0.018	0.376	0.02 (-0.02, 0.05)	0.734	0.181	0.030	0.038	0.431	0.03 (-0.04, 0.10)	-0.001	0.673	0.055	0.037	0.141	0.05 (-0.02, 0.13)	0.044	0.042	0.301	0.04 (-0.04, 0.13)
10365_132	IL12B	IL-23	226	0.018	0.020	0.377	0.02 (-0.02, 0.06)	0.734	0.042	-0.039	0.041	0.342	-0.04 (-0.12, 0.04)	0.004	0.110	0.016	0.040	0.683	0.02 (-0.06, 0.09)	0.002	0.041	0.953	2.38e-03 (-0.08, 0.08)
12554_10	RAD51L3	RA51D	226	-0.016	0.018	0.378	-0.02 (-0.05, 0.02)	0.734	0.407	0.010	0.037	0.780	0.01 (-0.06, 0.08)	-0.002	0.412	0.011	0.037	0.760	0.01 (-0.06, 0.08)	0.009	0.040	0.821	0.01 (-0.07, 0.09)
12731_12	PLEKHA7	PKHA7	226	-0.017	0.019	0.377	-0.02 (-0.05, 0.02)	0.734	0.092	-0.024	0.041	0.562	-0.02 (-0.11, 0.06)	0.000	0.847	-0.034	0.031	0.272	-0.03 (-0.09, 0.03)	-0.033	0.042	0.441	-0.03 (-0.12, 0.05)
17766_5	NCF1	NCF-1	226	0.024	0.027	0.376	0.02 (-0.03, 0.08)	0.734	1.89E-16	-0.009	0.054	0.861	-0.01 (-0.12, 0.10)	0.002	0.480	-0.025	0.037	0.497	-0.03 (-0.10, 0.05)	-0.019	0.041	0.633	-0.02 (-0.10, 0.06)
18413_24	ARL4D	ARL4D	226	-0.017	0.019	0.376	-0.02 (-0.05, 0.02)	0.734	0.500	-0.041	0.038	0.280	-0.04 (-0.12, 0.03)	0.002	0.459	-0.046	0.038	0.217	-0.05 (-0.12, 0.03)	-0.049	0.039	0.211	-0.05 (-0.12, 0.03)
2654_19	TNFRSF1A	TNF sR-I	226	-0.016	0.018	0.378	-0.02 (-0.05, 0.02)	0.734	0.212	-0.042	0.038	0.275	-0.04 (-0.12, 0.03)	0.002	0.440	-0.022	0.037	0.555	-0.02 (-0.09, 0.05)	-0.032	0.037	0.391	-0.03 (-0.11, 0.04)
2692_74	PLA2G2A	NPS-PLA2	226	-0.017	0.020	0.378	-0.02 (-0.06, 0.02)	0.734	0.013	-0.010	0.040	0.800	-0.01 (-0.09, 0.07)	0.000	0.832	0.013	0.031	0.678	0.01 (-0.05, 0.07)	0.018	0.038	0.646	0.02 (-0.06, 0.09)
3189_61	TMPRSS15	Enterokinas	226	-0.018	0.021	0.377	-0.02 (-0.06, 0.02)	0.734	0.041	0.040	0.041	0.335	0.04 (-0.04, 0.12)	-0.004	0.106	-0.012	0.040	0.758	-0.01 (-0.09, 0.07)	0.009	0.040	0.825	0.01 (-0.07, 0.09)
4157_2	F2	Thrombin	226	-0.019	0.022	0.377	-0.02 (-0.06, 0.02)	0.734	0.001	0.042	0.044	0.343	0.04 (-0.04, 0.13)	-0.004	0.111	0.001	0.041	0.980	9.92e-04 (-0.08, 0.0	-0.001	0.039	0.981	-9.24e-04 (-0.08, 0.08)
4437_56	ENTPD5	ENTP5	226	0.020	0.023	0.377	0.02 (-0.02, 0.06)	0.734	1.72E-04	-0.012	0.045	0.793	-0.01 (-0.10, 0.08)	0.002	0.420	-0.011	0.039	0.788	-0.01 (-0.09, 0.07)	0.008	0.042	0.841	0.01 (-0.07, 0.09)
4544_4	PPBP	CTAP-III	226	0.015	0.017	0.378	0.02 (-0.02, 0.05)	0.734	0.168	-0.012	0.037	0.747	-0.01 (-0.08, 0.06)	0.002	0.394	-0.014	0.032	0.651	-0.01 (-0.08, 0.05)	-0.005	0.037	0.897	-4.73e-03 (-0.08, 0.07)
5963_9	DMKN	Dermokine	226	-0.020	0.023	0.378	-0.02 (-0.06, 0.02)	0.734	7.59E-08	-0.027	0.046	0.556	-0.03 (-0.12, 0.06)	0.000	0.860	-0.016	0.038	0.673	-0.02 (-0.09, 0.06)	0.023	0.036	0.524	0.02 (-0.05, 0.09)
7910_41	LRFN1	LRFN1	226	0.017	0.019	0.377	0.02 (-0.02, 0.06)	0.734	0.176	-0.004	0.041	0.921	-4.04e-03 (-0.08, 0.08)	0.001	0.551	0.034	0.035	0.323	0.03 (-0.03, 0.10)	0.028	0.038	0.465	0.03 (-0.05, 0.10)
8941_4	NLGN3	NLGN3	226	-0.019	0.021	0.378	-0.02 (-0.06, 0.02)	0.734	0.026	0.003	0.043	0.941	3.20e-03 (-0.08, 0.09)	-0.001	0.556	-0.014	0.041	0.727	-0.01 (-0.09, 0.07)	0.000	0.041	0.991	-4.82e-04 (-0.08, 0.08)
9981_18	KIAA1467	K1467	226	-0.016	0.018	0.377	-0.02 (-0.05, 0.02)	0.734	0.607	0.018	0.037	0.631	0.02 (-0.05, 0.09)	-0.002	0.290	0.010	0.038	0.794	0.01 (-0.06, 0.08)	0.000	0.040	0.999	-3.22e-05 (-0.08, 0.08)
7823_22	ST6GALNA	SIA7B	226	0.019	0.021	0.378	0.02 (-0.02, 0.06)	0.734	0.036	-0.039	0.042	0.356	-0.04 (-0.12, 0.04)	0.004	0.117	0.013	0.041	0.740	0.01 (-0.07, 0.09)	-0.012	0.041	0.759	-0.01 (-0.09, 0.07)
19327_31	HAT1	Hat1	226	0.017	0.019	0.378	0.02 (-0.02, 0.06)	0.735	0.185	-0.042	0.041	0.298	-0.04 (-0.12, 0.04)	0.004	0.093	0.038	0.038	0.322	0.04 (-0.04, 0.11)	0.015	0.042	0.722	0.02 (-0.07, 0.10)
8749_194	CD1D	CD1D	226	0.017	0.019	0.378	0.02 (-0.02, 0.06)	0.735	0.339	0.061	0.040	0.128	0.06 (-0.02, 0.14)	-0.003	0.208	0.028	0.041	0.490	0.03 (-0.05, 0.11)	0.027	0.042	0.516	0.03 (-0.06, 0.11)
12688_115	RPS6KA6	KS6A6	226	0.016	0.018	0.379	0.02 (-0.02, 0.05)	0.735	0.822	0.036	0.036	0.308	0.04 (-0.03, 0.11)	-0.001	0.502	0.002	0.034	0.958	1.77e-03 (-0.06, 0.0	0.015	0.036	0.675	0.02 (-0.06, 0.09)
11228_37	RIC3	RIC3	226	0.017	0.019	0.380	0.02 (-0.02, 0.06)	0.735	0.296	-0.041	0.040	0.304	-0.04 (-0.12, 0.04)	0.004	0.094	-0.012	0.037	0.752	-0.01 (-0.08, 0.06)	-0.015	0.039	0.706	-0.01 (-0.09, 0.06)
11462_8	RBFOX2	RBM9	226	-0.017	0.019	0.379	-0.02 (-0.05, 0.02)	0.735	0.625	0.027	0.039	0.491	0.03 (-0.05, 0.10)	-0.003	0.196	-0.022	0.038	0.556	-0.02 (-0.10, 0.05)	-0.013	0.040	0.749	-0.01 (-0.09, 0.06)
14093_10	FLT3LG	Flt3 ligand	226	-0.018	0.021	0.380	-0.02 (-0.06, 0.02)	0.735	0.042	-0.026	0.042	0.532	-0.03 (-0.11, 0.06)	0.000	0.826	-0.043	0.038	0.267	-0.04 (-0.12, 0.03)	-0.025	0.040	0.541	-0.02 (-0.10, 0.05)
17772_7	UBD	UBD	226	0.017	0.020	0.379	0.02 (-0.02, 0.06)	0.735	0.223	-0.012	0.041	0.763	-0.01 (-0.09, 0.07)	0.002	0.405	0.019	0.042	0.651	0.02 (-0.06, 0.10)	0.017	0.044	0.698	0.02 (-0.07, 0.10)
19562_8	USP28	UBP28	226	0.017	0.019	0.380	0.02 (-0.02, 0.05)	0.735	0.750	0.073	0.039	0.062	0.07 (-3.30e-03, 0.15)	-0.003	0.099	0.028	0.040	0.488	0.03 (-0.05, 0.11)	0.005	0.042	0.910	4.78e-03 (-0.08, 0.09)
5646_20	RNASE6	RNAS6	226	0.018	0.021	0.380	0.02 (-0.02, 0.06)	0.735	0.039	-0.099	0.041	0.017	-0.10 (-0.18, -0.02)	0.007	0.001	-0.066	0.036	0.067	-0.07 (-0.14, 4.64e-	-0.082	0.043	0.058	-0.08 (-0.17, 2.20e-03)
13573_5	ARPC3	p21-ARC	226	0.016	0.019	0.380	0.02 (-0.02, 0.05)	0.735	0.223	-0.020	0.039	0.615	-0.02 (-0.10, 0.06)	0.002	0.288	0.032	0.038	0.412	0.03 (-0.04, 0.11)	0.005	0.043	0.905	0.01 (-0.08, 0.09)
3534_14	CD40LG	CD40 ligan	226	0.016	0.019	0.380	0.02 (-0.02, 0.05)	0.736	0.898	0.017	0.037	0.647	0.02 (-0.06, 0.09)	0.000	0.979	-0.037	0.033	0.259	-0.04 (-0.10, 0.03)	-0.050	0.046	0.283	-0.05 (-0.14, 0.04)
11105_171	ENO1	Alpha enola	226	0.016	0.018	0.381	0.02 (-0.02, 0.05)	0.736	0.621	0.008	0.036	0.835	0.01 (-0.06, 0.08)	0.001	0.795	-0.024	0.030	0.428	-0.02 (-0.08, 0.04)	-0.037	0.041	0.365	-0.04 (-0.12, 0.04)
11428_31	PDLIM1	PDLI1	226	0.017	0.019	0.382	0.02 (-0.02, 0.05)	0.736	0.791	0.012	0.039	0.764	0.01 (-0.06, 0.09)	0.000	0.878	-0.014	0.038	0.702	-0.01 (-0.09, 0.06)	0.005	0.043	0.913	4.68e-03 (-0.08, 0.09)
14260_112	NET1	ARHG8	226	-0.017	0.020	0.381	-0.02 (-0.06, 0.02)	0.736	0.066	-0.037	0.042	0.386	-0.04 (-0.12, 0.05)	0.001	0.593	-0.021	0.040	0.596	-0.02 (-0.10, 0.06)	-0.003	0.039	0.933	-3.23e-03 (-0.08, 0.07)
16749_79	GDF10	BMP-3b	226	0.018	0.021	0.382	0.02 (-0.02, 0.06)	0.736	0.049	-0.003	0.042	0.949	-2.71e-03 (-0.09, 0.08)	0.001	0.567	-0.011	0.039	0.786	-0.01 (-0.09, 0.07)	-0.011	0.041	0.789	-0.01 (-0.09, 0.07)
18347_15	LAMA2	Laminin-2	226	-0.019	0.022	0.381	-0.02 (-0.06, 0.02)	0.736	0.001	0.036	0.044	0.415	0.04 (-0.05, 0.12)	-0.003	0.150	0.008	0.040	0.833	0.01 (-0.07, 0.09)	-0.017	0.043	0.702	-0.02 (-0.10, 0.07)
2443_10	FGF8	FGF-8B	226	0.019	0.022	0.381	0.02 (-0.02, 0.06)	0.736	0.005	-0.008	0.044	0.851	-0.01 (-0.09, 0.08)	0.002	0.474	-0.003	0.041	0.934	-3.39e-03 (-0.08, 0.	0.000	0.042	0.991	4.56e-04 (-0.08, 0.08)
8019_73	STMN3	STMN3	226	0.016	0.019	0.381	0.02 (-0.02, 0.05)	0.736	0.943	0.000	0.038	0.996	1.94e-04 (-0.07, 0.07)	0.001	0.621	-0.017	0.036	0.644	-0.02 (-0.09, 0.05)	-0.023	0.039	0.554	-0.02 (-0.10, 0.05)
6434_18	AOC2	Amine oxid	226	-0.017	0.019	0.382	-0.02 (-0.06, 0.02)	0.736	0.765	0.005	0.039	0.894	0.01 (-0.07, 0.08)	-0.001	0.513	-0.009	0.039	0.824	-0.01 (-0.08, 0.07)	-0.017	0.042	0.681	-0.02 (-0.10, 0.06)
6410_26	INSL4	INSL4	226	-0.017	0.020	0.382	-0.02 (-0.06, 0.02)	0.737	0.265	0.008	0.041	0.845	0.01 (-0.07, 0.09)	-0.002	0.478	0.008	0.039	0.844	0.01 (-0.07, 0.08)	-0.017	0.040	0.678	-0.02 (-0.10, 0.06)
17751_68	CRYBB1	CRBB1	226	0.016	0.019	0.383	0.02 (-0.02, 0.05)	0.737	0.256	-0.019	0.039	0.625	-0.02 (-0.10, 0.06)	0.002	0.295	-0.005	0.035	0.887	-0.01 (-0.07, 0.06)	0.017	0.039	0.659	0.02 (-0.06, 0.09)
9459_7	FAS	Fas, soluble	226	0.017	0.020	0.383	0.02 (-0.02, 0.06)	0.737	0.049	0.016	0.040	0.686	0.02 (-0.06, 0.10)	0.000	0.975	0.036	0.038	0.341	0.04 (-0.04, 0.11)	0.027	0.040	0.500	0.03 (-0.05, 0.10)
11536_9	MYSM1	MYSM1	226	0.016	0.019	0.384	0.02 (-0.02, 0.05)	0.737	0.650	0.002	0.038	0.948	2.44e-03 (-0.07, 0.08)	0.001	0.672	-0.006	0.032	0.849	-0.01 (-0.07, 0.06)	-0.022	0.039	0.568	-0.02 (-0.10, 0.05)
12633_3	PTPN9	PTN9	226	-0.017	0.019	0.383	-0.02 (-0.05, 0.02)	0.737	0.379	0.009	0.039	0.820	0.01 (-0.07, 0.09)	-0.002	0.452	0.000	0.039	0.993	3.44e-04 (-0.08, 0.0	0.002	0.039	0.961	1.92e-03 (-0.07, 0.08)
13403_5	ETV5	ETV5	226	-0.017	0.019	0.384	-0.02 (-0.06, 0.02)	0.737	0.166	-0.025	0.041	0.551	-0.02 (-0.11, 0.06)	0.000	0.833	-0.030	0.041	0.469	-0.03 (-0.11, 0.05)	-0.015	0.039	0.711	-0.01 (-0.09, 0.06)
18215_5	THG1L	THG1	226	-0.017	0.019	0.383	-0.02 (-0.05, 0.02)	0.737	0.584	-0.011	0.038	0.777	-0.01 (-0.09, 0.06)	0.000	0.863	-0.057	0.033	0.086	-0.06 (-0.12, 0.01)	-0.055	0.044	0.210	-0.06 (-0.14, 0.03)
19310_81	COPE	COPE	226	0.017	0.019	0.383	0.02 (-0.02, 0.05)	0.737	0.204	0.008	0.040	0.842	0.01 (-0.07, 0.09)	0.001	0.804	0.046	0.034	0.175	0.05 (-0.02, 0.11)	0.030	0.037	0.411	0.03 (-0.04, 0.10)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
4984_83	ESD	Esterase D	226	0.017	0.019	0.384	0.02 (-0.02, 0.05)	0.737	0.153	-0.015	0.040	0.709	-0.02 (-0.09, 0.06)	0.002	0.365	0.003	0.043	0.949	2.71e-03 (-0.08, 0.0	-0.008	0.042	0.848	-0.01 (-0.09, 0.08)
9221_6	ITPRIPL1	IPIL1	226	0.016	0.018	0.384	0.02 (-0.02, 0.05)	0.737	0.084	0.005	0.040	0.892	0.01 (-0.07, 0.08)	0.001	0.756	-0.022	0.033	0.507	-0.02 (-0.09, 0.04)	-0.005	0.041	0.901	-0.01 (-0.08, 0.07)
17849_6	DRG1	DRG1	226	0.016	0.018	0.384	0.02 (-0.02, 0.05)	0.737	0.472	-0.018	0.036	0.630	-0.02 (-0.09, 0.05)	0.002	0.293	-0.006	0.029	0.829	-0.01 (-0.06, 0.05)	-0.013	0.040	0.743	-0.01 (-0.09, 0.07)
6962_5	HLA-DRB3	DRB3	226	0.020	0.023	0.384	0.02 (-0.02, 0.06)	0.737	5.20E-05	0.034	0.046	0.468	0.03 (-0.06, 0.12)	-0.001	0.733	0.017	0.042	0.679	0.02 (-0.07, 0.10)	0.021	0.041	0.618	0.02 (-0.06, 0.10)
3813_3	FYN	FYN	226	-0.016	0.018	0.384	-0.02 (-0.05, 0.02)	0.738	0.407	-0.047	0.037	0.203	-0.05 (-0.12, 0.03)	0.002	0.329	-0.040	0.037	0.287	-0.04 (-0.11, 0.03)	-0.043	0.040	0.277	-0.04 (-0.12, 0.03)
8804_39	COL20A1	COKA1	226	-0.017	0.020	0.385	-0.02 (-0.06, 0.02)	0.738	0.118	0.008	0.042	0.856	0.01 (-0.07, 0.09)	-0.002	0.498	0.038	0.036	0.292	0.04 (-0.03, 0.11)	0.031	0.041	0.455	0.03 (-0.05, 0.11)
9316_67	WFDC1	WFDC1	226	-0.017	0.019	0.385	-0.02 (-0.05, 0.02)	0.738	0.106	-0.005	0.041	0.907	-4.81e-03 (-0.09, 0.08)	-0.001	0.738	0.005	0.037	0.884	0.01 (-0.07, 0.08)	-0.009	0.048	0.859	-0.01 (-0.10, 0.09)
3487_32	CXCL13	BLC	226	0.018	0.021	0.385	0.02 (-0.02, 0.06)	0.738	0.015	-0.037	0.042	0.384	-0.04 (-0.12, 0.05)	0.003	0.134	-0.026	0.037	0.475	-0.03 (-0.10, 0.05)	-0.018	0.041	0.656	-0.02 (-0.10, 0.06)
9931_20	KRT1	Keratin-1	226	0.016	0.019	0.387	0.02 (-0.02, 0.05)	0.741	0.558	-0.008	0.037	0.823	-0.01 (-0.08, 0.07)	0.002	0.453	-0.007	0.038	0.855	-0.01 (-0.08, 0.07)	-0.029	0.038	0.444	-0.03 (-0.10, 0.04)
19329_31	HIPK3	HIPK3	226	0.016	0.019	0.388	0.02 (-0.02, 0.05)	0.741	0.141	0.033	0.040	0.409	0.03 (-0.05, 0.11)	-0.001	0.630	0.012	0.038	0.743	0.01 (-0.06, 0.09)	0.016	0.039	0.677	0.02 (-0.06, 0.09)
2790_54	PPBP	NAP-2	226	0.015	0.018	0.387	0.02 (-0.02, 0.05)	0.741	0.225	-0.010	0.037	0.782	-0.01 (-0.08, 0.06)	0.002	0.426	-0.013	0.032	0.681	-0.01 (-0.08, 0.05)	-0.006	0.037	0.866	-0.01 (-0.08, 0.07)
3284_75	BGN	BGN	226	-0.017	0.020	0.388	-0.02 (-0.06, 0.02)	0.741	0.039	-0.016	0.040	0.685	-0.02 (-0.10, 0.06)	0.000	0.980	-0.012	0.037	0.742	-0.01 (-0.08, 0.06)	-0.026	0.039	0.504	-0.03 (-0.10, 0.05)
8424_269	CTNNB1	b-Catenin	226	0.017	0.019	0.387	0.02 (-0.02, 0.05)	0.741	0.783	-0.034	0.039	0.382	-0.03 (-0.11, 0.04)	0.003	0.134	0.000	0.040	0.992	-4.18e-04 (-0.08, 0.0	0.007	0.041	0.860	0.01 (-0.07, 0.09)
18267_74	CARD17	CAR17	226	0.016	0.019	0.389	0.02 (-0.02, 0.05)	0.743	0.865	-0.054	0.038	0.159	-0.05 (-0.13, 0.02)	0.004	0.035	-0.008	0.040	0.839	-0.01 (-0.09, 0.07)	-0.017	0.041	0.678	-0.02 (-0.10, 0.06)
7082_2	B3GNT6	B3GN6	226	0.019	0.022	0.389	0.02 (-0.02, 0.06)	0.743	0.002	-0.033	0.045	0.461	-0.03 (-0.12, 0.05)	0.003	0.181	0.022	0.042	0.592	0.02 (-0.06, 0.10)	0.010	0.041	0.811	0.01 (-0.07, 0.09)
8470_213	RNASEH1	RNase H1	226	-0.018	0.021	0.389	-0.02 (-0.06, 0.02)	0.743	0.027	-0.039	0.042	0.349	-0.04 (-0.12, 0.04)	0.001	0.557	-0.060	0.031	0.057	-0.06 (-0.12, 1.83e-0	-0.098	0.044	0.025	-0.10 (-0.18, -0.01)
8014_359	MANEA	MANEA	226	-0.018	0.021	0.390	-0.02 (-0.06, 0.02)	0.744	0.037	0.046	0.042	0.268	0.05 (-0.04, 0.13)	-0.004	0.077	-0.011	0.039	0.778	-0.01 (-0.09, 0.07)	0.000	0.041	0.994	3.17e-04 (-0.08, 0.08)
12493_42	OTUB2	OTUB2	226	0.016	0.018	0.390	0.02 (-0.02, 0.05)	0.744	0.144	-0.010	0.039	0.798	-0.01 (-0.09, 0.07)	0.002	0.446	-0.015	0.033	0.639	-0.02 (-0.08, 0.05)	-0.023	0.040	0.569	-0.02 (-0.10, 0.06)
10704_91	LRMP	LRMP	226	0.017	0.019	0.392	0.02 (-0.02, 0.05)	0.744	0.368	0.050	0.040	0.206	0.05 (-0.03, 0.13)	-0.002	0.328	0.052	0.039	0.184	0.05 (-0.02, 0.13)	0.067	0.042	0.115	0.07 (-0.02, 0.15)
10708_3	GNRH2	GON2	226	-0.017	0.019	0.392	-0.02 (-0.05, 0.02)	0.744	0.685	-0.039	0.039	0.319	-0.04 (-0.11, 0.04)	0.001	0.510	0.009	0.035	0.787	0.01 (-0.06, 0.08)	0.015	0.041	0.706	0.02 (-0.06, 0.10)
11103_24	HSPB1	HSP 27	226	0.016	0.019	0.393	0.02 (-0.02, 0.05)	0.744	0.422	0.025	0.039	0.526	0.02 (-0.05, 0.10)	-0.001	0.804	-0.001	0.032	0.982	-7.06e-04 (-0.06, 0.0	0.004	0.039	0.925	3.70e-03 (-0.07, 0.08)
11405_150	CARD9	CARD9	226	0.018	0.021	0.391	0.02 (-0.02, 0.06)	0.744	0.049	-0.066	0.041	0.111	-0.07 (-0.15, 0.01)	0.005	0.020	0.006	0.033	0.868	0.01 (-0.06, 0.07)	-0.072	0.045	0.106	-0.07 (-0.16, 0.02)
11592_1	ELAVL1	ELAV1	226	0.016	0.018	0.392	0.02 (-0.02, 0.05)	0.744	0.999	-0.003	0.037	0.941	-2.76e-03 (-0.08, 0.07)	0.001	0.566	-0.013	0.031	0.662	-0.01 (-0.07, 0.05)	-0.027	0.040	0.505	-0.03 (-0.10, 0.05)
13405_61	SPINK2	ISK2	226	-0.016	0.019	0.393	-0.02 (-0.05, 0.02)	0.744	0.425	0.001	0.038	0.978	1.06e-03 (-0.07, 0.08)	-0.001	0.606	-0.010	0.040	0.796	-0.01 (-0.09, 0.07)	-0.045	0.038	0.241	-0.04 (-0.12, 0.03)
13954_9	GNPNAT1	GNA1	226	0.015	0.018	0.392	0.02 (-0.02, 0.05)	0.744	0.877	0.010	0.036	0.783	0.01 (-0.06, 0.08)	0.000	0.864	-0.001	0.030	0.977	-8.87e-04 (-0.06, 0.0	-0.007	0.037	0.846	-0.01 (-0.08, 0.07)
17769_28	PCNP	PCNP	226	0.016	0.018	0.392	0.02 (-0.02, 0.05)	0.744	0.507	0.024	0.036	0.517	0.02 (-0.05, 0.10)	-0.001	0.797	-0.032	0.032	0.320	-0.03 (-0.09, 0.03)	-0.029	0.037	0.441	-0.03 (-0.10, 0.04)
18237_29	NRIP3	NRIP3	226	-0.017	0.019	0.392	-0.02 (-0.05, 0.02)	0.744	0.444	-0.003	0.039	0.944	-2.79e-03 (-0.08, 0.07)	-0.001	0.686	0.012	0.034	0.720	0.01 (-0.05, 0.08)	-0.016	0.038	0.671	-0.02 (-0.09, 0.06)
18392_19	MAT2B	MAT2B	226	0.018	0.021	0.391	0.02 (-0.02, 0.06)	0.744	0.001	0.025	0.043	0.562	0.03 (-0.06, 0.11)	0.000	0.857	-0.011	0.035	0.761	-0.01 (-0.08, 0.06)	0.003	0.042	0.942	3.03e-03 (-0.08, 0.09)
19190_4	UBE2L6	UB2L6	226	0.016	0.019	0.391	0.02 (-0.02, 0.05)	0.744	0.384	-0.002	0.038	0.953	-2.22e-03 (-0.08, 0.07)	0.001	0.581	0.012	0.038	0.754	0.01 (-0.06, 0.09)	0.026	0.036	0.472	0.03 (-0.04, 0.10)
3392_68	AKT3	PKB a/b/g	226	-0.016	0.019	0.393	-0.02 (-0.05, 0.02)	0.744	0.905	0.003	0.038	0.930	3.33e-03 (-0.07, 0.08)	-0.001	0.555	-0.029	0.032	0.377	-0.03 (-0.09, 0.03)	-0.036	0.039	0.365	-0.04 (-0.11, 0.04)
3432_21	EPHA3	EPHA3	226	-0.016	0.019	0.391	-0.02 (-0.05, 0.02)	0.744	0.452	0.021	0.039	0.588	0.02 (-0.05, 0.10)	-0.002	0.266	0.028	0.036	0.433	0.03 (-0.04, 0.10)	0.016	0.038	0.672	0.02 (-0.06, 0.09)
4481_34	C4A	C4	226	-0.017	0.020	0.393	-0.02 (-0.05, 0.02)	0.744	0.098	-0.038	0.042	0.362	-0.04 (-0.12, 0.04)	0.001	0.555	-0.019	0.035	0.580	-0.02 (-0.09, 0.05)	-0.030	0.040	0.462	-0.03 (-0.11, 0.05)
5246_64	PDE2A	cGMP-stimu	226	-0.017	0.020	0.391	-0.02 (-0.06, 0.02)	0.744	0.595	-0.055	0.039	0.162	-0.06 (-0.13, 0.02)	0.002	0.261	-0.035	0.039	0.380	-0.03 (-0.11, 0.04)	-0.047	0.038	0.222	-0.05 (-0.12, 0.03)
6440_31	MFAP5	MFAP5	226	-0.018	0.021	0.391	-0.02 (-0.06, 0.02)	0.744	0.003	0.038	0.042	0.364	0.04 (-0.04, 0.12)	-0.004	0.125	-0.031	0.031	0.321	-0.03 (-0.09, 0.03)	-0.004	0.042	0.918	-4.35e-03 (-0.09, 0.08)
9754_33	NQO2	Quinone re	226	-0.017	0.019	0.390	-0.02 (-0.05, 0.02)	0.744	0.264	-0.021	0.040	0.598	-0.02 (-0.10, 0.06)	0.000	0.896	0.000	0.041	0.995	2.39e-04 (-0.08, 0.0	-0.006	0.041	0.887	-0.01 (-0.09, 0.07)
9894_13	MYO6	MYO6	226	-0.016	0.019	0.391	-0.02 (-0.05, 0.02)	0.744	0.395	-0.030	0.038	0.424	-0.03 (-0.10, 0.04)	0.001	0.662	-0.009	0.041	0.829	-0.01 (-0.09, 0.07)	-0.015	0.042	0.721	-0.01 (-0.10, 0.07)
11669_39	SLCO5A1	SO5A1	226	-0.016	0.019	0.393	-0.02 (-0.05, 0.02)	0.744	0.672	0.000	0.038	0.999	3.09e-05 (-0.08, 0.08)	-0.001	0.625	0.011	0.033	0.743	0.01 (-0.05, 0.08)	0.018	0.042	0.674	0.02 (-0.06, 0.10)
5004_69	MAPK11	MK11	226	0.018	0.022	0.393	0.02 (-0.02, 0.06)	0.744	0.006	0.065	0.043	0.135	0.07 (-0.02, 0.15)	-0.003	0.217	0.074	0.037	0.048	0.07 (6.39e-04, 0.15	0.070	0.037	0.061	0.07 (-2.78e-03, 0.14)
10539_30	CD99L2	C99L2	226	0.017	0.019	0.394	0.02 (-0.02, 0.05)	0.744	0.126	-0.007	0.041	0.867	-0.01 (-0.09, 0.07)	0.001	0.513	0.052	0.036	0.149	0.05 (-0.02, 0.12)	0.038	0.038	0.317	0.04 (-0.04, 0.11)
14005_2	CHD7	CHD7	226	-0.019	0.022	0.394	-0.02 (-0.06, 0.02)	0.744	0.004	-0.034	0.044	0.444	-0.03 (-0.12, 0.05)	0.001	0.692	-0.058	0.039	0.137	-0.06 (-0.13, 0.02)	-0.050	0.042	0.228	-0.05 (-0.13, 0.03)
14100_63	C1QC	C1QC	226	-0.016	0.019	0.394	-0.02 (-0.05, 0.02)	0.744	0.440	0.011	0.039	0.783	0.01 (-0.07, 0.09)	-0.002	0.423	-0.045	0.038	0.236	-0.05 (-0.12, 0.03)	-0.035	0.043	0.419	-0.03 (-0.12, 0.05)
16588_10	HSPA5	BiP	226	0.016	0.019	0.394	0.02 (-0.02, 0.05)	0.744	0.362	0.069	0.039	0.078	0.07 (-0.01, 0.15)	-0.003	0.121	0.035	0.040	0.383	0.04 (-0.04, 0.11)	0.050	0.042	0.231	0.05 (-0.03, 0.13)
3505_6	LTA	Lymphotoxi	226	-0.016	0.019	0.393	-0.02 (-0.05, 0.02)	0.744	0.038	-0.017	0.038	0.647	-0.02 (-0.09, 0.06)	0.000	0.968	-0.039	0.037	0.282	-0.04 (-0.11, 0.03)	-0.039	0.038	0.307	-0.04 (-0.11, 0.04)
6357_83	CELA3B	ELA3B	226	0.017	0.019	0.394	0.02 (-0.02, 0.05)	0.744	0.808	0.018	0.039	0.643	0.02 (-0.06, 0.09)	0.000	0.963	0.029	0.032	0.370	0.03 (-0.03, 0.09)	0.049	0.040	0.213	0.05 (-0.03, 0.13)
7790_21	LIF	LIF	226	-0.016	0.019	0.394	-0.02 (-0.05, 0.02)	0.744	0.910	0.072	0.039	0.063	0.07 (-3.53e-03, 0.15)	-0.006	0.009	0.031	0.034	0.374	0.03 (-0.04, 0.10)	0.043	0.040	0.277	0.04 (-0.03, 0.12)
8016_19	DNAJC4	DNJC4	226	-0.017	0.019	0.394	-0.02 (-0.05, 0.02)	0.744	0.475	-0.076	0.039	0.052	-0.08 (-0.15, 3.05e-04)	0.004	0.079	-0.002	0.039	0.965	-1.69e-03 (-0.08, 0.0	-0.012	0.044	0.784	-0.01 (-0.10, 0.07)
9008_6	PRRG1	TMG1	226	-0.016	0.019	0.394	-0.02 (-0.05, 0.02)	0.744	0.129	-0.037	0.041	0.369	-0.04 (-0.12, 0.04)	0.001	0.566	-0.013	0.041	0.758	-0.01 (-0.09, 0.07)	-0.008	0.043	0.852	-0.01 (-0.09, 0.08)
9883_29	GLO1	Glyoxalase	226	-0.016	0.019	0.395	-0.02 (-0.05, 0.02)	0.745	0.398	0.001	0.039	0.971	1.39e-03 (-0.07, 0.08)	-0.001	0.602	-0.036	0.038	0.347	-0.04 (-0.11, 0.04)	-0.028	0.040	0.482	-0.03 (-0.11, 0.05)
5798_3	BID	BID	226	0.016	0.019	0.395	0.02 (-0.02, 0.05)	0.745	0.673	0.008	0.037	0.823	0.01 (-0.06, 0.08)	0.000	0.820	-0.004	0.030	0.887	-4.29e-03 (-0.06, 0.0	-0.028	0.041	0.497	-0.03 (-0.11, 0.05)
11387_3	ATF6B	ATF6B	226	-0.023	0.027	0.395	-0.02 (-0.07, 0.03)	0.745	7.25E-23	-0.095	0.053	0.077	-0.09 (-0.20, 0.01)	0.005	0.121	-0.071	0.032	0.026	-0.07 (-0.13, -0.01)	-0.065	0.035	0.069	-0.06 (-0.13, 4.81e-03)
18259_15	MEOX2	MEOX2	226	0.017	0.020	0.395	0.02 (-0.02, 0.05)	0.745	0.104	-0.008	0.042	0.851	-0.01 (-0.09, 0.07)	0.002	0.500	0.027	0.041	0.504	0.03 (-0.05, 0.11)	0.020	0.041	0.632	0.02 (-0.06, 0.10)
3390_72	PIK3CA	PIK3CA/PIK	226	0.016	0.019	0.396	0.02 (-0.02, 0.05)	0.745	0.830	0.015	0.038	0.685	0.02 (-0.06, 0.09)	0.000	0.985	0.012	0.030	0.700	0.01 (-0.05, 0.07)	0.001	0.041	0.972	1.44e-03 (-0.08, 0.08)
7953_20	SLAMF1	SLAF1	226	0.016	0.018	0.396	0.02 (-0.02, 0.05)	0.745	0.508	-0.008	0.037	0.823	-0.01 (-0.08, 0.06)	0.001	0.457	0.026	0.037	0.489	0.03 (-0.05, 0.10)	0.025	0.038	0.515	0.02 (-0.05, 0.10)
18172_71	ASF1A	ASF1A	226	0.016	0.019	0.396	0.02 (-0.02, 0.05)	0.746	0.249	0.028	0.039	0.463	0.03 (-0.05, 0.10)	-0.001	0.707	-0.011	0.032	0.744	-0.01 (-0.07, 0.05)	-0.023	0.039	0.556	-0.02 (-0.10, 0.05)
9337_43	TAC1	TKN1	226	-0.017	0.020	0.396	-0.02 (-0.05, 0.02)	0.746	0.149	0.025	0.041	0.538	0.03 (-0.06, 0.11)	-0.003	0.242	0.023	0.039	0.555	0.02 (-0.05, 0.10)	0.036	0.042	0.387	0.04 (-0.05, 0.12)
13132_14	SEMA5A	SEM5A	226	0.016	0.019	0.397	0.02 (-0.02, 0.05)	0.746	0.320	0.065	0.040	0.103	0.06 (-0.01, 0.14)	-0.003	0.160	0.025	0.041	0.543	0.03 (-0.06, 0.11)	-0.009	0.045	0.846	-0.01 (-0.10, 0.08)
15452_5	NT5E	5'-Nucleotic	226	0.015	0.018	0.397	0.02 (-0.02, 0.05)	0.746	0.107	0.071	0.039	0.067	0.07 (-4.72e-03, 0.15)	-0.003	0.099	0.045	0.038	0.236	0.04 (-0.03, 0.12)	0.032	0.038	0.395	0.03 (-0.04, 0.11)
4482_66	C5	C5b, 6 Com	226	0.016	0.019	0.397	0.02 (-0.02, 0.05)	0.746	0.122	-0.020	0.041	0.622	-0.02 (-0.10, 0.06)	0.002	0.304	-0.012	0.039	0.768	-0.01 (-0.09, 0.07)	-0.011	0.038	0.767	-0.01 (-0.09, 0.06)
8074_32	TMEM70	TMM70	226	-0.018	0.021	0.397	-0.02 (-0.06, 0.02)	0.746	0.026	-0.030	0.043	0.484	-0.03 (-0.11, 0.05)	0.001	0.747	-0.029	0.034	0.397	-0.03 (-0.10, 0.04)	-0.026	0.045	0.570	-0.03 (-0.11, 0.06)
8954_30	MAP4K1	M4K1	226	0.016	0.019	0.397	0.02 (-0.02, 0.05)	0.746	0.405	0.003	0.039	0.931	3.39e-03 (-0.07, 0.08)	0.001	0.705	0.004	0.040	0.925	3.77e-03 (-0.07, 0.0	0.009	0.041	0.821	0.01 (-0.07, 0.09)
5980_55	BOLA3	BOLA3	226	0.015	0.018	0.397	0.02 (-0.02, 0.05)	0.746	0.453	-0.010	0.036	0.789	-0.01 (-0.08, 0.06)	0.002	0.430	-0.035	0.030	0.250	-0.03 (-0.09, 0.02)	-0.035	0.039	0.374	-0.03 (-0.11, 0.04)
19616_100	EFHD1	EFHD1	226	-0.019	0.022	0.398	-0.02 (-0.06, 0.02)	0.747	0.003	0.004	0.044	0.933	3.76e-03 (-0.08, 0.09)	-0.001	0.563	0.018	0.039	0.636	0.02 (-0.06, 0.09)	0.022	0.045	0.634	0.02 (-0.07, 0.11)
2770_51	CCL1	I-309	226	0.016	0.019	0.398	0.02 (-0.02, 0.05)	0.747	0.124	-0.039	0.040	0.333	-0.04 (-0.12, 0.04)	0.003	0.116	0.011	0.040	0.780	0.01 (-0.07, 0.09)	-0.005	0.040	0.905	-4.80e-03 (-0.08, 0.07)
5610_32	FAM171A1	CJ038	226	-0.016	0.019	0.398	-0.02 (-0.05, 0.02)	0.747	0.141	0.011	0.041	0.794	0.01 (-0.07, 0.09)	-0.002	0.448	-0.009	0.039	0.808	-0.01 (-0.09, 0.07)	-0.037	0.042	0.374	-0.04 (-0.12, 0.04)
9748_31	GSTM3	GSTM3-3	226	-0.017	0.020	0.399	-0.02 (-0.05, 0.02)	0.747	0.338	-0.066	0.040	0.099	-0.07 (-0.14, 0.01)	0.003	0.153	-0.016	0.039	0.676	-0.02 (-0.09, 0.06)	-0.038	0.043	0.368	-0.04 (-0.12, 0.04)
13107_9	LYPD3	LYPD3	226	-0.016	0.019	0.399	-0.02 (-0.05, 0.02)	0.747	0.088	-0.017	0.041	0.673	-0.02 (-0.10, 0.06)	0.000	0.973	-0.014	0.042	0.745	-0.01 (-0.10, 0.07)	0.004	0.045	0.931	3.86e-03 (-0.08, 0.09)
12477_42	TSN	TSN	226	-0.016	0.019	0.399	-0.02 (-0.05, 0.02)	0.748	0.101	-0.011	0.041	0.795	-0.01 (-0.09, 0.07)	0.000	0.878	-0.032	0.038	0.394	-0.03 (-0.11, 0.04)	-0.028	0.039	0.476	-0.03 (-0.11, 0.05)
12976_49	SORBS3	Vinexin b	226	-0.016	0.019	0.400	-0.02 (-0.05, 0.02)	0.748	0.204	0.035	0.041	0.392	0.03 (-0.04, 0.11)	-0.003	0.148	0.014	0.041	0.736	0.01 (-0.07, 0.10)	0.049	0.039	0.213	0.05 (-0.03, 0.12)
13982_33	RGS18	RGS18	226	-0.015	0.018	0.400	-0.02 (-0.05, 0.02)	0.748	0.876	-0.012	0.037	0.735	-0.01 (-0.08, 0.06)	0.000	0.928	-0.042	0.034	0.224	-0.04 (-0.11, 0.03)	-0.027	0.040	0.500	-0.03 (-0.11, 0.05)
17783_9	MMAB	MMAB	226	0.016	0.019	0.400	0.02 (-0.02, 0.05)	0.748	0.053	0.029	0.041	0.482	0.03 (-0.05, 0.11)	-0.001	0.716	0.000	0.039	0.995	-2.61e-04 (-0.08, 0.0	0.034	0.039	0.390	0.03 (-0.04, 0.11)
18922_27	CD68	CD68	226	0.015	0.018	0.400	0.01 (-0.02, 0.05)	0.748	0.092	0.030	0.038	0.440	0.03 (-0.05, 0.10)	-0.001	0.661	-0.011	0.034	0.748	-0.01 (-0.08, 0.06)	0.003	0.036	0.940	2.69e-03 (-0.07, 0.07)
7930_3	EXOSC1	EXOS1	226	0.016	0.019	0.400	0.02 (-0.02, 0.05)	0.748	0.640	0.042	0.039	0.289	0.04 (-0.04, 0.12)	-0.002	0.459	0.011	0.041	0.792	0.01 (-0.07, 0.09)	0.023	0.038	0.556	0.02 (-0.05, 0.10)
7933_75	ADAM22	ADA22	226	-0.017	0.021	0.400	-0.02 (-0.06, 0.02)	0.748	0.009	0.068	0.041	0.099	0.07 (-0.01, 0.15)	-0.005	0.017	0.018	0.037	0.624	0.02 (-0.05, 0.09)	0.015	0.040	0.704	0.02 (-0.06, 0.09)
8409_3	RSPO2	RSPO2	226	-0.016	0.020	0.400	-0.02 (-0.05, 0.02)	0.748	0.105	-0.036	0.042	0.396	-0.04 (-0.12, 0.05)	0.001	0.599	-0.007	0.042	0.863	-0.01 (-0.09, 0.07)	-0.021	0.040	0.606	-0.02 (-0.10, 0.06)
3497_13	IFNA2	IFN-aA	226	-0.016	0.019	0.401	-0.02 (-0.05, 0.02)	0.749	0.397	-0.035	0.039	0.366	-0.04 (-0.11, 0.04)	0.001	0.570	0.005	0.038	0.886	0.01 (-0.07, 0.08)	0.012	0.041	0.776	0.01 (-0.07, 0.09)
11439_88	RHPN2	RHPN2	226	0.018	0.021	0.403	0.02 (-0.02, 0.06)	0.750	0.015	0.028	0.043	0.506	0.03 (-0.06, 0.11)	-0.001	0.772	0.024	0.032	0.454	0.02 (-0.04, 0.09)	0.038	0.043	0.385	0.04 (-0.05, 0.12)
12438_127	MPG	3MG	226	0.015	0.018	0.403	0.02 (-0.02, 0.05)	0.750	0.203	0.002	0.038	0.954	2.16e-03 (-0.07, 0.08)	0.001	0.694	-0.017	0.034	0.629	-0.02 (-0.08, 0.05)	0.000	0.038	0.992	-3.83e-04 (-0.07, 0.07)
12759_47	ILF3	DRBP76	226	0.016	0.019	0.402	0.02 (-0.02, 0.05)	0.750	0.184	0.004	0.039	0.914	4.25e-03 (-0.07, 0.08)	0.001	0.739	-0.008	0.038	0.824	-0.01 (-0.08, 0.07)	0.006	0.038	0.875	0.01 (-0.07, 0.08)
13485_20	TMEM87B	TM87B	226	-0.016	0.019	0.402	-0.02 (-0.05, 0.02)	0.750	0.274	-0.003	0.040	0.932	-3.39e-03 (-0.08, 0.07)	-0.001	0.713	-0.041	0.039	0.294	-0.04 (-0.12, 0.04)	-0.054	0.041	0.191	-0.05 (-0.13, 0.03)
13944_3	SULT1A3	SULT 1A3	226	0.015	0.018	0.403	0.02 (-0.02, 0.05)	0.750	0.759	-0.004	0.036	0.902	-4.47e-03 (-0.08, 0.07)	0.001	0.536	-0.030	0.032	0.351	-0.03 (-0.09, 0.03)	-0.031	0.037	0.411	-0.03 (-0.10, 0.04)
17748_21	TP53I3	QORX	226	0.015	0.018	0.403	0.02 (-0.02, 0.05)	0.750	0.694	0.000	0.036	0.990	4.59e-04 (-0.07, 0.07)	0.001	0.643	-0.035	0.032	0.274	-0.04 (-0.10, 0.03)	-0.037	0.037	0.311	-0.04 (-0.11, 0.03)
5226_36	CSNK2A2	CK2-A2:B	226	0.016	0.019	0.403	0.02 (-0.02, 0.05)	0.750	0.288	-0.023	0.038	0.554	-0.02 (-0.10, 0.05)	0.002	0.251	-0.044	0.030	0.133	-0.04 (-0.10, 0.01)	-0.037	0.037	0.324	-0.04 (-0.11, 0.04)
6909_40	MGAT2	MGAT2	226	0.020	0.023	0.403	0.02 (-0.03, 0.07)	0.750	2.51E-08	0.065	0.047	0.169	0.07 (-0.03, 0.16)	-0.003	0.268	0.013	0.040	0.737	0.01 (-0.07, 0.09)	-0.003	0.043	0.950	-2.70e-03 (-0.09, 0.08)
8364_74	UST	UST	226	-0.018	0.021	0.403	-0.02 (-0.06, 0.02)	0.750	0.008	0.081	0.042	0.053	0.08 (-5.41e-04, 0.16)	-0.006	0.007	-0.016	0.040	0.688	-0.02 (-0.09, 0.06)	0.001	0.042	0.975	1.33e-03 (-0.08, 0.08)
8982_65	THBS3	TSP3	226	0.018	0.021	0.402	0.02 (-0.02, 0.06)	0.750	0.020	0.025	0.042	0.547	0.03 (-0.06, 0.11)	0.000	0.829	-0.002	0.041	0.964	-1.86e-03 (-0.08, 0.0	-0.025	0.039	0.518	-0.03 (-0.10, 0.05)
9177_6	FAM3B	FAM3B	226	-0.022	0.026	0.402	-0.02 (-0.07, 0.03)	0.750	3.67E-16	0.023	0.053	0.660	0.02 (-0.08, 0.13)	-0.003	0.325	-0.013	0.038	0.724	-0.01 (-0.09, 0.06)	-0.026	0.040	0.527	-0.03 (-0.10, 0.05)
9237_54	ACP2	Lysosomal	226	-0.016	0.019	0.402	-0.02 (-0.05, 0.02)	0.750	0.450	-0.004	0.039	0.926	-3.61e-03 (-0.08, 0.07)	-0.001	0.713	-0.028	0.038	0.463	-0.03 (-0.10, 0.05)	-0.027	0.043	0.533	-0.03 (-0.11, 0.06)
9282_12	CRISP2	CRIS2	226	-0.014	0.017	0.403	-0.01 (-0.05, 0.02)	0.750	0.055	0.037	0.037	0.325	0.04 (-0.04, 0.11)	-0.003	0.115	0.012	0.032	0.703	0.01 (-0.05, 0.08)	0.006	0.038	0.884	0.01 (-0.07, 0.08)
15653_9	COL10A1	COAA1	226	-0.017	0.021	0.404	-0.02 (-0.06, 0.02)	0.751	0.031	0.004	0.042	0.916	4.41e-03 (-0.08, 0.09)	-0.001	0.551	-0.034	0.037	0.365	-0.03 (-0.11, 0.04)	-0.033	0.040	0.415	-0.03 (-0.11, 0.05)
17826_341	EEF1D	EF1D	226	-0.016	0.019	0.404	-0.02 (-0.05, 0.02)	0.751	0.732	-0.016	0.039	0.679	-0.02 (-0.09, 0.06)	0.000	0.999	-0.052	0.040	0.192	-0.05 (-0.13, 0.03)	-0.056	0.041	0.178	-0.06 (-0.14, 0.02)
6990_44	SDF2L1	SDF2L	226	0.019	0.023	0.404	0.02 (-0.03, 0.06)	0.751	9.79E-07	0.029	0.047	0.536	0.03 (-0.06, 0.12)	-0.001	0.812	-0.002	0.036	0.947	-2.41e-03 (-0.07, 0.0	0.000	0.039	0.993	-3.62e-04 (-0.08, 0.08)
8233_2	ITIH5	ITIH5	226	-0.018	0.021	0.405	-0.02 (-0.06, 0.02)	0.751	0.003	0.058	0.042	0.169	0.06 (-0.02, 0.14)	-0.005	0.040	0.037	0.036	0.306	0.04 (-0.03, 0.11)	0.034	0.043	0.434	0.03 (-0.05, 0.12)
7251_64	C1QTNF3	C1QT3	226	-0.017	0.021	0.405	-0.02 (-0.06, 0.02)	0.752	0.002	0.011	0.042	0.787	0.01 (-0.07, 0.09)	-0.002	0.432	-0.017	0.038	0.653	-0.02 (-0.09, 0.06)	-0.025	0.039	0.524	-0.03 (-0.10, 0.05)
12014_19	PTS	PTPS	226	-0.016	0.020	0.406	-0.02 (-0.05, 0.02)	0.752	0.517	-0.056	0.039	0.153	-0.06 (-0.13, 0.02)	0.003	0.240	-0.037	0.040	0.358	-0.04 (-0.12, 0.04)	-0.031	0.045	0.486	-0.03 (-0.12, 0.06)
9271_101	STIM1	STIM1	226	0.016	0.020	0.406	0.02 (-0.02, 0.05)	0.752	0.103	-0.007	0.042	0.872	-0.01 (-0.09, 0.08)	0.001	0.526	0.041	0.038	0.279	0.04 (-0.03, 0.12)	0.017	0.039	0.659	0.02 (-0.06, 0.09)
9773_15	RNF149	RN149	226	0.016	0.019	0.406	0.02 (-0.02, 0.05)	0.752	0.061	0.001	0.042	0.986	7.23e-04 (-0.08, 0.08)	0.001	0.673	0.006	0.040	0.880	0.01 (-0.07, 0.08)	0.034	0.042	0.421	0.03 (-0.05, 0.12)
8255_34	MRVI1	MRVI1	226	0.015	0.019	0.406	0.02 (-0.02, 0.05)	0.753	0.778	-0.014	0.037	0.705	-0.01 (-0.09, 0.06)	0.002	0.363	-0.011	0.030	0.715	-0.01 (-0.07, 0.05)	-0.021	0.039	0.585	-0.02 (-0.10, 0.05)
6627_25	PNLIPRP1	LIPR1	226	0.033	0.040	0.407	0.03 (-0.05, 0.11)	0.754	6.66E-93	0.176	0.080	0.028	0.18 (0.02, 0.33)	-0.009	0.040	0.054	0.035	0.118	0.05 (-0.01, 0.12)	0.036	0.041	0.377	0.04 (-0.04, 0.12)
10699_52	LRP1	LRP1	226	0.016	0.019	0.408	0.02 (-0.02, 0.05)	0.754	0.393	0.072	0.039	0.066	0.07 (-4.43e-03, 0.15)	-0.003	0.099	0.037	0.040	0.357	0.04 (-0.04, 0.12)	0.055	0.039	0.152	0.06 (-0.02, 0.13)
10852_114	HNRNPDL	HNRDL	226	0.015	0.018	0.408	0.02 (-0.02, 0.05)	0.754	0.501	0.000	0.037	0.996	1.79e-04 (-0.07, 0.07)	0.001	0.641	-0.030	0.031	0.337	-0.03 (-0.09, 0.03)	-0.059	0.041	0.154	-0.06 (-0.14, 0.02)
13476_16	KIN	KIN17	226	0.016	0.020	0.408	0.02 (-0.02, 0.05)	0.754	0.517	-0.017	0.039	0.672	-0.02 (-0.09, 0.06)	0.002	0.337	0.034	0.032	0.292	0.03 (-0.03, 0.10)	0.022	0.042	0.605	0.02 (-0.06, 0.10)
18814_21	INHBA	Activin AC	226	0.016	0.019	0.408	0.02 (-0.02, 0.05)	0.754	0.160	-0.030	0.040	0.456	-0.03 (-0.11, 0.05)	0.003	0.190	-0.022	0.036	0.546	-0.02 (-0.09, 0.05)	-0.015	0.038	0.698	-0.01 (-0.09, 0.06)
5614_44	CRH	CRH	226	0.016	0.020	0.408	0.02 (-0.02, 0.05)	0.754	0.433	0.040	0.040	0.314	0.04 (-0.04, 0.12)	-0.001	0.489	0.013	0.040	0.742	0.01 (-0.07, 0.09)	0.015	0.040	0.716	0.01 (-0.06, 0.09)
16918_198	TLR3	TLR3	226	0.016	0.019	0.409	0.02 (-0.02, 0.05)	0.755	0.886	0.034	0.039	0.381	0.03 (-0.04, 0.11)	-0.001	0.591	0.044	0.037	0.239	0.04 (-0.03, 0.12)	0.046	0.043	0.287	0.05 (-0.04, 0.13)
12856_14	TMEM237	TM237	226	-0.016	0.020	0.409	-0.02 (-0.05, 0.02)	0.756	0.194	-0.012	0.041	0.768	-0.01 (-0.09, 0.07)	0.000	0.910	0.021	0.037	0.575	0.02 (-0.05, 0.09)	-0.001	0.041	0.975	-1.29e-03 (-0.08, 0.08)
2704_74	TNFRSF13	TACI	226	0.016	0.019	0.409	0.02 (-0.02, 0.05)	0.756	0.140	0.014	0.041	0.731	0.01 (-0.07, 0.09)	0.000	0.959	-0.006	0.039	0.875	-0.01 (-0.08, 0.07)	0.013	0.042	0.768	0.01 (-0.07, 0.10)
5129_12	SCARF1	SREC-I	226	-0.015	0.018	0.409	-0.01 (-0.05, 0.02)	0.756	0.360	-0.049	0.036	0.174	-0.05 (-0.12, 0.02)	0.002	0.270	-0.058	0.033	0.079	-0.06 (-0.12, 0.01)	-0.054	0.038	0.157	-0.05 (-0.13, 0.02)
5489_18	STIP1	Stress-indu	226	0.015	0.018	0.410	0.01 (-0.02, 0.05)	0.757	0.731	-0.006	0.036	0.876	-0.01 (-0.08, 0.06)	0.001	0.516	-0.033	0.032	0.293	-0.03 (-0.10, 0.03)	-0.029	0.036	0.410	-0.03 (-0.10, 0.04)
12439_67	IRF9	ISGF3	226	-0.016	0.019	0.411	-0.02 (-0.05, 0.02)	0.757	0.617	-0.026	0.039	0.502	-0.03 (-0.10, 0.05)	0.001	0.761	-0.051	0.038	0.178	-0.05 (-0.13, 0.02)	-0.033	0.046	0.472	-0.03 (-0.12, 0.06)
19108_50	MECP2	MECP2	226	0.016	0.019	0.411	0.02 (-0.02, 0.05)	0.758	0.179	0.018	0.040	0.645	0.02 (-0.06, 0.10)	0.000	0.936	0.045	0.036	0.221	0.04 (-0.03, 0.12)	0.047	0.038	0.216	0.05 (-0.03, 0.12)
12543_76	ZNF560	ZN560	226	-0.016	0.019	0.412	-0.02 (-0.05, 0.02)	0.759	0.168	0.045	0.041	0.272	0.04 (-0.03, 0.12)	-0.004	0.087	0.042	0.036	0.247	0.04 (-0.03, 0.11)	0.068	0.041	0.098	0.07 (-0.01, 0.15)
7751_121	SFRP2	SARP-1	226	0.018	0.021	0.412	0.02 (-0.02, 0.06)	0.759	0.026	-0.045	0.043	0.296	-0.04 (-0.13, 0.04)	0.004	0.095	-0.006	0.041	0.892	-0.01 (-0.09, 0.08)	0.013	0.044	0.768	0.01 (-0.07, 0.10)
8032_23	MCCD1	MCCD1	226	-0.016	0.019	0.412	-0.02 (-0.05, 0.02)	0.759	0.447	0.034	0.039	0.384	0.03 (-0.04, 0.11)	-0.003	0.142	0.042	0.032	0.197	0.04 (-0.02, 0.10)	0.058	0.041	0.154	0.06 (-0.02, 0.14)
4920_10	LYZ	Lysozyme	226	-0.016	0.020	0.413	-0.02 (-0.05, 0.02)	0.759	0.210	0.004	0.041	0.915	4.35e-03 (-0.08, 0.08)	-0.001	0.567	-0.034	0.039	0.386	-0.03 (-0.11, 0.04)	-0.032	0.040	0.428	-0.03 (-0.11, 0.05)
6364_7	TAPBPL	TPSNR	226	0.016	0.020	0.413	0.02 (-0.02, 0.05)	0.759	0.818	0.000	0.039	0.992	-3.82e-04 (-0.08, 0.08)	0.001	0.632	0.003	0.035	0.922	3.48e-03 (-0.07, 0.0	0.007	0.043	0.871	0.01 (-0.08, 0.09)
9723_105	MMRN2	EMILIN-3	226	0.016	0.019	0.413	0.02 (-0.02, 0.05)	0.759	0.616	0.011	0.038	0.784	0.01 (-0.06, 0.09)	0.000	0.879	0.004	0.037	0.914	4.03e-03 (-0.07, 0.0	0.021	0.040	0.598	0.02 (-0.06, 0.10)
9906_21	SPOCK3	TICN3	226	0.018	0.022	0.413	0.02 (-0.03, 0.06)	0.759	0.001	0.028	0.045	0.529	0.03 (-0.06, 0.12)	-0.001	0.796	-0.002	0.044	0.972	-1.52e-03 (-0.09, 0.0	-0.035	0.047	0.466	-0.03 (-0.13, 0.06)
12430_78	PAIP1	PAIP1	226	-0.016	0.019	0.414	-0.02 (-0.05, 0.02)	0.760	0.753	-0.080	0.039	0.043	-0.08 (-0.16, -3.07e-03)	0.004	0.061	-0.054	0.031	0.078	-0.05 (-0.12, 0.01)	-0.043	0.041	0.291	-0.04 (-0.12, 0.04)
17696_1	TICAM2	TIRP	226	-0.016	0.019	0.414	-0.02 (-0.05, 0.02)	0.760	0.983	-0.021	0.039	0.590	-0.02 (-0.10, 0.06)	0.000	0.877	-0.026	0.040	0.505	-0.03 (-0.10, 0.05)	-0.025	0.039	0.520	-0.02 (-0.10, 0.05)
2781_63	CCL4L1	LAG-1	226	0.016	0.019	0.414	0.02 (-0.02, 0.05)	0.760	0.847	0.000	0.039	0.995	-2.48e-04 (-0.08, 0.08)	0.001	0.635	-0.019	0.036	0.601	-0.02 (-0.09, 0.05)	-0.022	0.042	0.596	-0.02 (-0.10, 0.06)
8368_102	TNFRSF1B	TNF sR-II	226	-0.019	0.023	0.414	-0.02 (-0.06, 0.03)	0.760	6.17E-05	-0.056	0.046	0.225	-0.06 (-0.15, 0.03)	0.002	0.350	-0.053	0.042	0.208	-0.05 (-0.14, 0.03)	-0.039	0.041	0.353	-0.04 (-0.12, 0.04)
8750_46	VCL	Vinculin	226	-0.016	0.019	0.414	-0.02 (-0.05, 0.02)	0.760	0.354	-0.048	0.039	0.215	-0.05 (-0.12, 0.03)	0.002	0.332	-0.055	0.035	0.109	-0.06 (-0.12, 0.01)	-0.048	0.040	0.237	-0.05 (-0.13, 0.03)
4916_2	IGHD	IgD	226	-0.018	0.022	0.415	-0.02 (-0.06, 0.03)	0.761	0.002	-0.085	0.044	0.056	-0.08 (-0.17, 1.77e-03)	0.004	0.083	-0.059	0.036	0.103	-0.06 (-0.13, 0.01)	-0.065	0.044	0.142	-0.07 (-0.15, 0.02)
15533_97	MSR1	Macrophag	226	0.016	0.020	0.415	0.02 (-0.02, 0.05)	0.761	0.037	-0.015	0.039	0.704	-0.01 (-0.09, 0.06)	0.002	0.367	0.006	0.038	0.871	0.01 (-0.07, 0.08)	-0.014	0.039	0.720	-0.01 (-0.09, 0.06)
9039_47	TOR1AIP1	TOIP1	226	0.019	0.024	0.415	0.02 (-0.03, 0.07)	0.761	6.43E-06	0.073	0.047	0.123	0.07 (-0.02, 0.17)	-0.003	0.190	0.051	0.032	0.119	0.05 (-0.01, 0.11)	0.148	0.047	0.002	0.15 (0.06, 0.24)
10572_65	CST8	CST8	226	0.015	0.018	0.416	0.01 (-0.02, 0.05)	0.761	0.786	-0.014	0.037	0.714	-0.01 (-0.09, 0.06)	0.002	0.376	0.026	0.035	0.469	0.03 (-0.04, 0.09)	0.001	0.035	0.987	5.53e-04 (-0.07, 0.07)
11162_37	EQTN	EQTN	226	-0.016	0.019	0.417	-0.02 (-0.05, 0.02)	0.761	0.881	-0.025	0.039	0.522	-0.03 (-0.10, 0.05)	0.001	0.783	-0.065	0.035	0.062	-0.06 (-0.13, 3.21e-0	-0.049	0.042	0.241	-0.05 (-0.13, 0.03)
13474_40	GSTK1	GSTK1	226	0.015	0.018	0.416	0.01 (-0.02, 0.05)	0.761	0.385	-0.001	0.037	0.975	-1.16e-03 (-0.07, 0.07)	0.001	0.621	-0.020	0.029	0.493	-0.02 (-0.08, 0.04)	-0.039	0.040	0.323	-0.04 (-0.12, 0.04)
17712_7	IDI1	IDI1	226	0.015	0.018	0.417	0.01 (-0.02, 0.05)	0.761	0.253	0.013	0.037	0.725	0.01 (-0.06, 0.09)	0.000	0.965	-0.008	0.036	0.829	-0.01 (-0.08, 0.06)	-0.014	0.038	0.706	-0.01 (-0.09, 0.06)
17855_28	RGS4	RGS4	226	0.016	0.019	0.417	0.02 (-0.02, 0.05)	0.761	0.090	-0.013	0.042	0.757	-0.01 (-0.09, 0.07)	0.002	0.429	0.009	0.040	0.815	0.01 (-0.07, 0.09)	0.005	0.038	0.903	4.58e-03 (-0.07, 0.08)
19311_15	CRYGS	CRBS	226	-0.016	0.019	0.416	-0.02 (-0.05, 0.02)	0.761	0.626	0.024	0.039	0.534	0.02 (-0.05, 0.10)	-0.002	0.238	-0.007	0.040	0.862	-0.01 (-0.09, 0.07)	-0.009	0.038	0.814	-0.01 (-0.08, 0.06)
2192_63	CCL27	CTACK	226	0.015	0.018	0.416	0.01 (-0.02, 0.05)	0.761	0.165	0.032	0.039	0.402	0.03 (-0.04, 0.11)	-0.001	0.601	-0.008	0.034	0.823	-0.01 (-0.07, 0.06)	0.008	0.042	0.847	0.01 (-0.07, 0.09)
2783_18	CCL3L1	LD78-beta	226	0.016	0.019	0.415	0.02 (-0.02, 0.05)	0.761	0.173	-0.042	0.040	0.297	-0.04 (-0.12, 0.04)	0.004	0.100	0.006	0.039	0.873	0.01 (-0.07, 0.08)	-0.013	0.040	0.740	-0.01 (-0.09, 0.06)
3469_74	RPS6KA3	RPS6KA3	226	0.015	0.018	0.416	0.01 (-0.02, 0.05)	0.761	0.860	0.021	0.037	0.562	0.02 (-0.05, 0.09)	0.000	0.839	0.008	0.037	0.837	0.01 (-0.06, 0.08)	0.012	0.039	0.764	0.01 (-0.06, 0.09)
5752_63	SUSD3	SUSD3	226	-0.018	0.022	0.416	-0.02 (-0.06, 0.02)	0.761	0.010	0.039	0.043	0.362	0.04 (-0.05, 0.12)	-0.004	0.130	-0.019	0.040	0.636	-0.02 (-0.10, 0.06)	-0.020	0.039	0.619	-0.02 (-0.10, 0.06)
6620_82	LINGO1	LIGO1	226	0.015	0.019	0.417	0.02 (-0.02, 0.05)	0.761	0.079	0.062	0.040	0.121	0.06 (-0.02, 0.14)	-0.003	0.176	0.045	0.038	0.230	0.05 (-0.03, 0.12)	0.038	0.041	0.353	0.04 (-0.04, 0.12)
6626_81	CHST12	CHSTC	226	0.021	0.026	0.417	0.02 (-0.03, 0.07)	0.761	1.93E-16	0.027	0.053	0.612	0.03 (-0.08, 0.13)	0.000	0.903	-0.036	0.036	0.314	-0.04 (-0.11, 0.03)	-0.017	0.037	0.637	-0.02 (-0.09, 0.05)
8529_1	TNFRSF10	TRAIL R2	226	0.016	0.019	0.416	0.02 (-0.02, 0.05)	0.761	0.539	-0.009	0.039	0.820	-0.01 (-0.08, 0.07)	0.002	0.467	-0.014	0.034	0.671	-0.01 (-0.08, 0.05)	-0.011	0.041	0.790	-0.01 (-0.09, 0.07)
8814_33	PSAPL1	SAPL1	226	-0.018	0.022	0.417	-0.02 (-0.06, 0.03)	0.761	0.001	0.071	0.043	0.104	0.07 (-0.01, 0.16)	-0.006	0.020	0.025	0.032	0.442	0.02 (-0.04, 0.09)	0.035	0.041	0.396	0.03 (-0.05, 0.11)
8978_30	MAP4K3	M4K3	226	0.016	0.020	0.417	0.02 (-0.02, 0.05)	0.761	0.772	0.055	0.039	0.160	0.06 (-0.02, 0.13)	-0.002	0.248	0.003	0.038	0.936	3.07e-03 (-0.07, 0.0	0.005	0.040	0.895	0.01 (-0.07, 0.08)
16758_96	HDGF	HDGF	226	0.015	0.019	0.418	0.02 (-0.02, 0.05)	0.761	0.036	0.007	0.038	0.851	0.01 (-0.07, 0.08)	0.001	0.806	-0.040	0.033	0.232	-0.04 (-0.11, 0.03)	-0.047	0.040	0.237	-0.05 (-0.12, 0.03)
19297_4	G6PD	G6PD	226	0.014	0.018	0.418	0.01 (-0.02, 0.05)	0.761	0.407	0.001	0.036	0.988	5.46e-04 (-0.07, 0.07)	0.001	0.660	-0.031	0.028	0.266	-0.03 (-0.09, 0.02)	-0.038	0.038	0.325	-0.04 (-0.11, 0.04)
2851_63	C5	C5a	226	-0.015	0.019	0.418	-0.02 (-0.05, 0.02)	0.761	0.547	-0.055	0.038	0.149	-0.06 (-0.13, 0.02)	0.002	0.229	-0.017	0.038	0.657	-0.02 (-0.09, 0.06)	-0.047	0.037	0.213	-0.05 (-0.12, 0.03)
6472_40	PMEL	GP100	226	-0.018	0.022	0.418	-0.02 (-0.06, 0.03)	0.761	3.30E-04	0.002	0.044	0.962	2.12e-03 (-0.08, 0.09)	-0.001	0.605	0.007	0.040	0.866	0.01 (-0.07, 0.09)	0.003	0.049	0.952	2.95e-03 (-0.09, 0.10)
9526_3	CLPSL1	COLL1	226	-0.016	0.019	0.418	-0.02 (-0.05, 0.02)	0.761	0.132	-0.073	0.041	0.076	-0.07 (-0.15, 0.01)	0.004	0.109	-0.023	0.040	0.577	-0.02 (-0.10, 0.06)	-0.022	0.039	0.578	-0.02 (-0.10, 0.06)
11378_37	SYK	KSYK	226	0.015	0.018	0.419	0.01 (-0.02, 0.05)	0.761	0.273	0.027	0.038	0.485	0.03 (-0.05, 0.10)	-0.001	0.723	-0.018	0.035	0.615	-0.02 (-0.09, 0.05)	-0.006	0.038	0.875	-0.01 (-0.08, 0.07)
12469_19	MAPRE1	MARE1	226	0.014	0.018	0.419	0.01 (-0.02, 0.05)	0.761	0.341	0.003	0.036	0.926	3.39e-03 (-0.07, 0.07)	0.001	0.730	-0.024	0.029	0.411	-0.02 (-0.08, 0.03)	-0.038	0.036	0.288	-0.04 (-0.11, 0.03)
18416_3	ARL9	ARL9	226	-0.016	0.019	0.419	-0.02 (-0.05, 0.02)	0.761	0.732	0.030	0.039	0.443	0.03 (-0.05, 0.11)	-0.003	0.179	-0.010	0.039	0.791	-0.01 (-0.09, 0.07)	0.004	0.037	0.911	4.11e-03 (-0.07, 0.08)
17691_1	TPP1	TPP1	226	0.018	0.023	0.420	0.02 (-0.03, 0.06)	0.764	1.37E-05	-0.051	0.046	0.268	-0.05 (-0.14, 0.04)	0.004	0.082	-0.053	0.032	0.097	-0.05 (-0.12, 0.01)	-0.066	0.036	0.069	-0.07 (-0.14, 4.73e-03)
18831_6	LRIG1	LRIG1	226	-0.015	0.019	0.421	-0.02 (-0.05, 0.02)	0.764	0.360	0.030	0.038	0.428	0.03 (-0.04, 0.11)	-0.003	0.172	-0.030	0.040	0.443	-0.03 (-0.11, 0.05)	-0.034	0.040	0.403	-0.03 (-0.11, 0.04)
12529_32	FKBP6	FKBP6	226	-0.017	0.021	0.421	-0.02 (-0.06, 0.02)	0.765	0.015	-0.055	0.042	0.192	-0.06 (-0.14, 0.03)	0.002	0.297	0.007	0.038	0.850	0.01 (-0.07, 0.08)	0.002	0.040	0.962	1.91e-03 (-0.08, 0.08)
11381_56	PRPS1	PRPS1	226	-0.015	0.019	0.422	-0.02 (-0.05, 0.02)	0.765	0.425	0.014	0.039	0.725	0.01 (-0.06, 0.09)	-0.002	0.389	0.019	0.032	0.545	0.02 (-0.04, 0.08)	0.014	0.044	0.752	0.01 (-0.07, 0.10)
19121_3	UBQLN2	UBQL2	226	0.015	0.018	0.422	0.01 (-0.02, 0.05)	0.765	0.677	0.004	0.037	0.907	4.28e-03 (-0.07, 0.08)	0.001	0.746	-0.022	0.030	0.461	-0.02 (-0.08, 0.04)	-0.022	0.041	0.597	-0.02 (-0.10, 0.06)
6584_1	HRC	SRCH	226	-0.016	0.019	0.422	-0.02 (-0.05, 0.02)	0.765	0.452	0.032	0.039	0.409	0.03 (-0.04, 0.11)	-0.003	0.160	0.015	0.036	0.681	0.01 (-0.06, 0.09)	-0.006	0.045	0.892	-0.01 (-0.10, 0.08)
17843_30	PPCS	PPCS	226	0.015	0.018	0.422	0.01 (-0.02, 0.05)	0.766	0.866	0.007	0.037	0.853	0.01 (-0.07, 0.08)	0.000	0.806	-0.023	0.032	0.470	-0.02 (-0.09, 0.04)	-0.025	0.037	0.497	-0.03 (-0.10, 0.05)
4924_32	MMP1	MMP-1	226	-0.015	0.019	0.423	-0.02 (-0.05, 0.02)	0.766	0.162	-0.054	0.040	0.180	-0.05 (-0.13, 0.02)	0.002	0.268	-0.063	0.035	0.073	-0.06 (-0.13, 0.01)	-0.063	0.040	0.117	-0.06 (-0.14, 0.02)
3888_8	ING1	ING1	226	0.014	0.018	0.424	0.01 (-0.02, 0.05)	0.768	0.721	-0.008	0.036	0.836	-0.01 (-0.08, 0.06)	0.001	0.487	-0.025	0.030	0.404	-0.02 (-0.08, 0.03)	-0.044	0.041	0.289	-0.04 (-0.13, 0.04)
5033_27	TPM1	Tropomyosi	226	0.016	0.019	0.424	0.02 (-0.02, 0.05)	0.768	0.172	0.019	0.041	0.642	0.02 (-0.06, 0.10)	0.000	0.921	0.030	0.041	0.460	0.03 (-0.05, 0.11)	0.029	0.040	0.465	0.03 (-0.05, 0.11)
5604_30	HPSE	HPSE	226	0.015	0.018	0.424	0.01 (-0.02, 0.05)	0.768	0.291	-0.039	0.037	0.304	-0.04 (-0.11, 0.03)	0.003	0.104	-0.029	0.035	0.402	-0.03 (-0.10, 0.04)	-0.047	0.039	0.234	-0.05 (-0.12, 0.03)
7073_69	C22orf15	CV015	226	-0.016	0.020	0.425	-0.02 (-0.05, 0.02)	0.768	0.766	0.032	0.039	0.418	0.03 (-0.05, 0.11)	-0.003	0.165	0.039	0.036	0.275	0.04 (-0.03, 0.11)	0.042	0.039	0.292	0.04 (-0.04, 0.12)
5103_30	CD200R1	MO2R1	226	-0.017	0.021	0.426	-0.02 (-0.06, 0.02)	0.770	0.044	-0.016	0.043	0.711	-0.02 (-0.10, 0.07)	0.000	0.978	-0.045	0.039	0.246	-0.04 (-0.12, 0.03)	-0.027	0.040	0.495	-0.03 (-0.11, 0.05)
18483_36	RABIF	MSS4	226	0.016	0.020	0.426	0.02 (-0.02, 0.05)	0.771	0.391	0.049	0.040	0.222	0.05 (-0.03, 0.13)	-0.002	0.337	0.046	0.039	0.240	0.05 (-0.03, 0.12)	0.022	0.041	0.601	0.02 (-0.06, 0.10)
7240_2	MBTPS1	MBTP1	226	-0.015	0.019	0.426	-0.02 (-0.05, 0.02)	0.771	0.133	0.003	0.041	0.936	3.35e-03 (-0.08, 0.08)	-0.001	0.600	-0.008	0.041	0.851	-0.01 (-0.09, 0.07)	-0.015	0.042	0.720	-0.01 (-0.10, 0.07)
12531_5	ERVV-1	ERVV1	226	0.015	0.019	0.427	0.02 (-0.02, 0.05)	0.771	0.114	-0.025	0.041	0.549	-0.02 (-0.11, 0.06)	0.003	0.263	-0.027	0.038	0.468	-0.03 (-0.10, 0.05)	-0.008	0.041	0.837	-0.01 (-0.09, 0.07)
18324_61	SUOX	SUOX	226	0.015	0.019	0.427	0.02 (-0.02, 0.05)	0.771	0.675	0.009	0.039	0.815	0.01 (-0.07, 0.09)	0.000	0.853	0.033	0.038	0.396	0.03 (-0.04, 0.11)	0.039	0.040	0.331	0.04 (-0.04, 0.12)
4987_17	FCAR	FCAR	226	0.015	0.019	0.427	0.02 (-0.02, 0.05)	0.771	0.184	0.039	0.041	0.340	0.04 (-0.04, 0.12)	-0.001	0.506	0.041	0.035	0.235	0.04 (-0.03, 0.11)	0.033	0.040	0.405	0.03 (-0.04, 0.11)
5487_7	SLAMF7	SLAF7	226	0.015	0.019	0.427	0.02 (-0.02, 0.05)	0.771	0.121	-0.018	0.041	0.659	-0.02 (-0.10, 0.06)	0.002	0.348	0.020	0.041	0.632	0.02 (-0.06, 0.10)	-0.001	0.041	0.983	-8.95e-04 (-0.08, 0.08)
12871_10	TWF1	TWF1	226	0.015	0.019	0.427	0.01 (-0.02, 0.05)	0.771	0.284	0.025	0.039	0.517	0.03 (-0.05, 0.10)	-0.001	0.759	-0.040	0.033	0.235	-0.04 (-0.10, 0.03)	-0.022	0.040	0.573	-0.02 (-0.10, 0.06)
3620_67	IL22RA1	IL22RA1	226	0.016	0.020	0.427	0.02 (-0.02, 0.06)	0.771	0.020	0.026	0.041	0.534	0.03 (-0.05, 0.11)	-0.001	0.791	0.043	0.038	0.250	0.04 (-0.03, 0.12)	0.039	0.041	0.335	0.04 (-0.04, 0.12)
10752_8	CDYL2	CDYL2	226	0.015	0.019	0.428	0.01 (-0.02, 0.05)	0.771	0.108	0.050	0.040	0.214	0.05 (-0.03, 0.13)	-0.002	0.316	0.033	0.039	0.391	0.03 (-0.04, 0.11)	0.045	0.038	0.238	0.05 (-0.03, 0.12)
14332_3	RALA	RALA	226	0.014	0.018	0.428	0.01 (-0.02, 0.05)	0.771	0.534	-0.008	0.036	0.828	-0.01 (-0.08, 0.06)	0.001	0.483	-0.018	0.028	0.519	-0.02 (-0.07, 0.04)	-0.046	0.038	0.222	-0.05 (-0.12, 0.03)
3797_1	CDH2	Cadherin-2	226	0.015	0.019	0.428	0.02 (-0.02, 0.05)	0.771	0.592	0.006	0.039	0.871	0.01 (-0.07, 0.08)	0.001	0.790	-0.009	0.038	0.821	-0.01 (-0.08, 0.07)	0.020	0.041	0.632	0.02 (-0.06, 0.10)
3803_10	CST5	CYTD	226	-0.016	0.021	0.428	-0.02 (-0.06, 0.02)	0.771	0.032	0.069	0.041	0.096	0.07 (-0.01, 0.15)	-0.005	0.018	0.019	0.038	0.610	0.02 (-0.06, 0.09)	0.005	0.042	0.896	0.01 (-0.08, 0.09)
8389_8	LRRC74A	CN16B	226	0.015	0.020	0.428	0.02 (-0.02, 0.05)	0.771	0.429	-0.028	0.040	0.472	-0.03 (-0.11, 0.05)	0.003	0.201	0.012	0.041	0.767	0.01 (-0.07, 0.09)	0.016	0.044	0.716	0.02 (-0.07, 0.10)
8098_37	TBXAS1	THAS	226	-0.015	0.019	0.428	-0.02 (-0.05, 0.02)	0.771	0.760	0.002	0.038	0.963	1.77e-03 (-0.07, 0.08)	-0.001	0.613	-0.018	0.038	0.640	-0.02 (-0.09, 0.06)	-0.015	0.042	0.724	-0.01 (-0.10, 0.07)
5598_3	GREM2	GREM2	226	-0.014	0.018	0.429	-0.01 (-0.05, 0.02)	0.771	0.330	0.012	0.037	0.743	0.01 (-0.06, 0.09)	-0.002	0.412	0.025	0.035	0.477	0.02 (-0.04, 0.09)	0.017	0.038	0.649	0.02 (-0.06, 0.09)
5807_77	CD70	CD70	226	0.015	0.019	0.429	0.02 (-0.02, 0.05)	0.772	0.517	0.017	0.039	0.669	0.02 (-0.06, 0.09)	0.000	0.968	0.043	0.037	0.252	0.04 (-0.03, 0.12)	0.035	0.040	0.382	0.04 (-0.04, 0.11)
10455_196	IL31	IL-31	226	-0.015	0.020	0.430	-0.02 (-0.05, 0.02)	0.772	0.428	-0.017	0.040	0.668	-0.02 (-0.10, 0.06)	0.000	0.963	0.012	0.038	0.754	0.01 (-0.06, 0.09)	-0.003	0.040	0.949	-2.55e-03 (-0.08, 0.08)
10677_9	NDUFB4	NDUB4	226	-0.015	0.019	0.429	-0.02 (-0.05, 0.02)	0.772	0.055	-0.093	0.041	0.026	-0.09 (-0.17, -0.01)	0.005	0.032	-0.020	0.039	0.618	-0.02 (-0.10, 0.06)	-0.047	0.041	0.255	-0.05 (-0.13, 0.03)
2421_7	BDNF	BDNF	226	0.016	0.020	0.430	0.02 (-0.02, 0.05)	0.772	0.005	0.011	0.040	0.791	0.01 (-0.07, 0.09)	0.000	0.885	-0.025	0.035	0.478	-0.02 (-0.09, 0.04)	-0.020	0.039	0.614	-0.02 (-0.10, 0.06)
3798_71	CA9	Carbonic an	226	-0.015	0.019	0.430	-0.02 (-0.05, 0.02)	0.772	0.235	0.054	0.040	0.180	0.05 (-0.02, 0.13)	-0.004	0.048	0.022	0.035	0.537	0.02 (-0.05, 0.09)	0.036	0.043	0.406	0.04 (-0.05, 0.12)
5352_11	TNFRSF14	HVEM	226	-0.017	0.021	0.430	-0.02 (-0.06, 0.02)	0.773	0.028	-0.066	0.043	0.125	-0.07 (-0.15, 0.02)	0.003	0.187	-0.031	0.044	0.476	-0.03 (-0.12, 0.05)	-0.013	0.047	0.789	-0.01 (-0.10, 0.08)
13102_1	FAM3D	FAM3D	226	0.053	0.068	0.431	0.05 (-0.08, 0.19)	0.773	0.00E+00	0.021	0.137	0.877	0.02 (-0.25, 0.29)	0.002	0.787	-0.018	0.041	0.655	-0.02 (-0.10, 0.06)	0.004	0.045	0.929	4.02e-03 (-0.08, 0.09)
10612_18	PLOD3	PLOD3	226	0.016	0.020	0.432	0.02 (-0.02, 0.06)	0.774	0.013	-0.025	0.041	0.534	-0.03 (-0.10, 0.05)	0.003	0.244	-0.016	0.031	0.614	-0.02 (-0.08, 0.04)	-0.046	0.038	0.230	-0.05 (-0.12, 0.03)
17836_17	S100A16	S100A16	226	0.021	0.027	0.432	0.02 (-0.03, 0.07)	0.774	9.88E-21	0.048	0.055	0.378	0.05 (-0.06, 0.16)	-0.002	0.571	0.033	0.034	0.325	0.03 (-0.03, 0.10)	0.007	0.040	0.864	0.01 (-0.07, 0.09)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
16768_3	JUP	PLAK	226	0.015	0.020	0.432	0.02 (-0.02, 0.05)	0.775	0.232	0.028	0.041	0.487	0.03 (-0.05, 0.11)	-0.001	0.713	0.030	0.041	0.467	0.03 (-0.05, 0.11)	0.035	0.042	0.402	0.04 (-0.05, 0.12)
17166_4	FGF8	FGF-8F	226	0.015	0.019	0.433	0.02 (-0.02, 0.05)	0.775	0.206	0.015	0.041	0.713	0.02 (-0.06, 0.10)	0.000	0.995	-0.031	0.035	0.374	-0.03 (-0.10, 0.04)	-0.035	0.040	0.385	-0.03 (-0.11, 0.04)
18897_31	HDAC2	HDAC2	226	0.014	0.018	0.433	0.01 (-0.02, 0.05)	0.775	0.663	0.002	0.036	0.948	2.37e-03 (-0.07, 0.07)	0.001	0.709	-0.034	0.031	0.282	-0.03 (-0.09, 0.03)	-0.042	0.037	0.254	-0.04 (-0.11, 0.03)
19568_17	IL15	IL-15	226	0.015	0.019	0.432	0.02 (-0.02, 0.05)	0.775	0.487	0.039	0.039	0.314	0.04 (-0.04, 0.11)	-0.001	0.477	0.013	0.040	0.747	0.01 (-0.07, 0.09)	0.018	0.041	0.667	0.02 (-0.06, 0.10)
2622_18	HMOX2	HO-2	226	0.014	0.018	0.433	0.01 (-0.02, 0.05)	0.775	0.199	0.026	0.038	0.504	0.03 (-0.05, 0.10)	-0.001	0.734	-0.017	0.035	0.626	-0.02 (-0.08, 0.05)	-0.014	0.043	0.746	-0.01 (-0.10, 0.07)
6321_65	PCDHGA1	PCDGA	226	-0.015	0.019	0.433	-0.01 (-0.05, 0.02)	0.775	0.369	0.016	0.038	0.681	0.02 (-0.06, 0.09)	-0.002	0.361	-0.027	0.038	0.477	-0.03 (-0.10, 0.05)	-0.024	0.036	0.501	-0.02 (-0.10, 0.05)
11205_10	ITGB7	Integrin bet	226	-0.015	0.020	0.433	-0.02 (-0.05, 0.02)	0.775	0.478	-0.040	0.040	0.320	-0.04 (-0.12, 0.04)	0.002	0.483	-0.056	0.033	0.087	-0.06 (-0.12, 0.01)	-0.052	0.037	0.166	-0.05 (-0.12, 0.02)
11277_23	ATF6	ATF6A	226	0.017	0.022	0.433	0.02 (-0.03, 0.06)	0.775	3.34E-07	0.021	0.044	0.635	0.02 (-0.07, 0.11)	0.000	0.920	0.015	0.039	0.689	0.02 (-0.06, 0.09)	0.001	0.041	0.989	5.84e-04 (-0.08, 0.08)
12846_3	FBXL5	FBXL5	226	0.015	0.019	0.433	0.02 (-0.02, 0.05)	0.775	0.151	-0.006	0.041	0.874	-0.01 (-0.09, 0.07)	0.001	0.543	0.003	0.033	0.933	2.79e-03 (-0.06, 0.0	-0.062	0.044	0.164	-0.06 (-0.15, 0.03)
13090_17	S100A6	S100A6	226	-0.014	0.018	0.433	-0.01 (-0.05, 0.02)	0.775	0.609	-0.006	0.036	0.875	-0.01 (-0.08, 0.07)	-0.001	0.790	-0.037	0.034	0.282	-0.04 (-0.10, 0.03)	-0.034	0.039	0.394	-0.03 (-0.11, 0.04)
18829_4	EIF4A1	IF4A1	226	0.015	0.019	0.434	0.01 (-0.02, 0.05)	0.775	0.756	-0.007	0.038	0.863	-0.01 (-0.08, 0.07)	0.001	0.518	-0.030	0.035	0.382	-0.03 (-0.10, 0.04)	-0.044	0.040	0.274	-0.04 (-0.12, 0.03)
12334_25	SHMT1	cSHMT	226	0.015	0.019	0.434	0.01 (-0.02, 0.05)	0.776	0.503	0.002	0.037	0.957	2.02e-03 (-0.07, 0.08)	0.001	0.701	-0.030	0.036	0.415	-0.03 (-0.10, 0.04)	-0.039	0.041	0.333	-0.04 (-0.12, 0.04)
18162_167	IRAK4	IRAK4	226	0.014	0.018	0.435	0.01 (-0.02, 0.05)	0.776	0.410	0.042	0.037	0.258	0.04 (-0.03, 0.11)	-0.002	0.388	-0.032	0.031	0.292	-0.03 (-0.09, 0.03)	-0.023	0.041	0.568	-0.02 (-0.10, 0.06)
13596_3	RAB27B	RB27B	226	0.015	0.020	0.435	0.02 (-0.02, 0.05)	0.776	0.543	-0.046	0.039	0.239	-0.05 (-0.12, 0.03)	0.004	0.072	-0.025	0.032	0.440	-0.02 (-0.09, 0.04)	-0.049	0.040	0.219	-0.05 (-0.13, 0.03)
7850_1	COX4I2	COX42	226	0.017	0.021	0.435	0.02 (-0.03, 0.06)	0.777	0.015	-0.004	0.043	0.921	-4.27e-03 (-0.09, 0.08)	0.001	0.576	0.014	0.039	0.724	0.01 (-0.06, 0.09)	0.005	0.038	0.891	0.01 (-0.07, 0.08)
17435_43	ETFA	ETFA	226	0.017	0.021	0.436	0.02 (-0.03, 0.06)	0.778	0.011	-0.037	0.043	0.383	-0.04 (-0.12, 0.05)	0.003	0.147	-0.011	0.036	0.758	-0.01 (-0.08, 0.06)	-0.013	0.042	0.753	-0.01 (-0.09, 0.07)
4152_58	KLKB1	Prekallikrei	226	0.019	0.024	0.436	0.02 (-0.03, 0.07)	0.778	5.33E-07	0.059	0.048	0.223	0.06 (-0.04, 0.15)	-0.003	0.337	0.012	0.041	0.775	0.01 (-0.07, 0.09)	0.034	0.043	0.422	0.03 (-0.05, 0.12)
8403_18	FASN	Fatty acid s	226	0.014	0.018	0.436	0.01 (-0.02, 0.05)	0.778	0.927	0.007	0.036	0.837	0.01 (-0.06, 0.08)	0.000	0.835	-0.021	0.036	0.565	-0.02 (-0.09, 0.05)	-0.006	0.036	0.858	-0.01 (-0.08, 0.06)
11608_5	MAP1LC3B	MLP3B	226	0.015	0.019	0.437	0.01 (-0.02, 0.05)	0.778	0.206	-0.011	0.040	0.774	-0.01 (-0.09, 0.07)	0.002	0.448	-0.031	0.033	0.349	-0.03 (-0.10, 0.03)	-0.025	0.041	0.539	-0.03 (-0.10, 0.05)
12675_14	DARS	SYDC	226	-0.015	0.019	0.437	-0.01 (-0.05, 0.02)	0.778	0.855	0.006	0.038	0.865	0.01 (-0.07, 0.08)	-0.001	0.522	-0.035	0.038	0.349	-0.04 (-0.11, 0.04)	-0.029	0.039	0.461	-0.03 (-0.10, 0.05)
11449_22	CAPZA1	CAZA1	226	0.014	0.019	0.437	0.01 (-0.02, 0.05)	0.778	0.265	0.022	0.039	0.578	0.02 (-0.05, 0.10)	0.000	0.834	-0.008	0.035	0.815	-0.01 (-0.08, 0.06)	-0.028	0.037	0.454	-0.03 (-0.10, 0.05)
18222_34	SH3GLB2	SHLB2	226	-0.014	0.019	0.438	-0.01 (-0.05, 0.02)	0.778	0.159	-0.003	0.039	0.940	-2.93e-03 (-0.08, 0.07)	-0.001	0.736	-0.042	0.035	0.228	-0.04 (-0.11, 0.03)	-0.030	0.040	0.455	-0.03 (-0.11, 0.05)
4922_13	CCL19	MIP-3b	226	-0.016	0.021	0.437	-0.02 (-0.06, 0.02)	0.778	0.029	-0.078	0.041	0.059	-0.08 (-0.16, 2.45e-03)	0.004	0.083	0.000	0.036	0.993	-3.33e-04 (-0.07, 0.0	-0.020	0.041	0.633	-0.02 (-0.10, 0.06)
5021_13	PPA1	PPase	226	0.014	0.018	0.437	0.01 (-0.02, 0.05)	0.778	0.509	-0.028	0.036	0.441	-0.03 (-0.10, 0.04)	0.003	0.184	-0.015	0.031	0.625	-0.01 (-0.07, 0.05)	-0.035	0.036	0.344	-0.03 (-0.11, 0.04)
8300_82	PEX14	PEX14	226	-0.016	0.020	0.437	-0.02 (-0.05, 0.02)	0.778	0.018	0.007	0.040	0.871	0.01 (-0.07, 0.09)	-0.001	0.528	-0.021	0.038	0.589	-0.02 (-0.10, 0.05)	-0.027	0.036	0.456	-0.03 (-0.10, 0.04)
8326_63	SIGIRR	SIGIRR	226	-0.017	0.022	0.438	-0.02 (-0.06, 0.03)	0.778	0.003	-0.023	0.044	0.612	-0.02 (-0.11, 0.06)	0.000	0.887	-0.013	0.040	0.739	-0.01 (-0.09, 0.07)	-0.025	0.040	0.543	-0.02 (-0.10, 0.05)
12664_19	PTPN13	PTN13	226	0.015	0.020	0.438	0.02 (-0.02, 0.05)	0.778	0.338	-0.015	0.040	0.715	-0.01 (-0.09, 0.06)	0.002	0.392	0.029	0.034	0.385	0.03 (-0.04, 0.10)	0.009	0.035	0.793	0.01 (-0.06, 0.08)
2829_19	IL27	IL-27	226	0.015	0.019	0.438	0.02 (-0.02, 0.05)	0.778	0.902	0.034	0.039	0.395	0.03 (-0.04, 0.11)	-0.001	0.590	0.007	0.040	0.856	0.01 (-0.07, 0.09)	-0.003	0.042	0.938	-3.28e-03 (-0.09, 0.08)
4866_59	NTRK2	TrkB	226	-0.015	0.020	0.438	-0.02 (-0.05, 0.02)	0.778	0.039	0.031	0.040	0.439	0.03 (-0.05, 0.11)	-0.003	0.182	0.017	0.035	0.616	0.02 (-0.05, 0.09)	0.004	0.042	0.918	4.33e-03 (-0.08, 0.09)
8800_14	TTC17	TTC17	226	0.015	0.020	0.438	0.02 (-0.02, 0.05)	0.778	0.239	0.041	0.041	0.314	0.04 (-0.04, 0.12)	-0.002	0.464	0.049	0.038	0.195	0.05 (-0.02, 0.12)	0.034	0.044	0.449	0.03 (-0.05, 0.12)
18921_30	PHEX	PHEX	226	-0.015	0.019	0.439	-0.01 (-0.05, 0.02)	0.778	0.265	0.018	0.039	0.653	0.02 (-0.06, 0.09)	-0.002	0.343	0.020	0.036	0.590	0.02 (-0.05, 0.09)	0.017	0.042	0.688	0.02 (-0.07, 0.10)
10074_128	BRD2	BRD2	226	-0.015	0.020	0.441	-0.02 (-0.05, 0.02)	0.779	0.221	-0.090	0.040	0.027	-0.09 (-0.17, -0.01)	0.005	0.034	-0.066	0.038	0.085	-0.07 (-0.14, 0.01)	-0.051	0.040	0.211	-0.05 (-0.13, 0.03)
11441_11	PYGL	PYGL	226	0.014	0.018	0.445	0.01 (-0.02, 0.05)	0.779	0.156	0.001	0.037	0.985	7.05e-04 (-0.07, 0.07)	0.001	0.693	-0.021	0.031	0.492	-0.02 (-0.08, 0.04)	-0.030	0.037	0.407	-0.03 (-0.10, 0.04)
11666_72	RGS8	RGS8	226	0.015	0.019	0.445	0.01 (-0.02, 0.05)	0.779	0.155	-0.043	0.040	0.287	-0.04 (-0.12, 0.04)	0.004	0.101	-0.001	0.040	0.983	-8.75e-04 (-0.08, 0.0	-0.004	0.040	0.917	-4.19e-03 (-0.08, 0.07)
12488_9	MCTS1	MCTS1	226	0.014	0.019	0.445	0.01 (-0.02, 0.05)	0.779	0.286	-0.006	0.039	0.873	-0.01 (-0.08, 0.07)	0.001	0.542	-0.017	0.040	0.670	-0.02 (-0.09, 0.06)	-0.010	0.039	0.799	-0.01 (-0.09, 0.07)
12628_31	LANCL2	LANC2	226	0.015	0.019	0.441	0.01 (-0.02, 0.05)	0.779	0.594	0.024	0.039	0.534	0.02 (-0.05, 0.10)	-0.001	0.783	-0.019	0.031	0.541	-0.02 (-0.08, 0.04)	-0.035	0.041	0.397	-0.03 (-0.11, 0.05)
12697_30	PIP4K2A	PI42A	226	-0.014	0.018	0.444	-0.01 (-0.05, 0.02)	0.779	0.809	-0.032	0.037	0.388	-0.03 (-0.10, 0.04)	0.001	0.576	-0.032	0.031	0.305	-0.03 (-0.09, 0.03)	-0.027	0.038	0.483	-0.03 (-0.10, 0.05)
13472_35	HDHD2	HDHD2	226	0.013	0.017	0.442	0.01 (-0.02, 0.05)	0.779	0.753	0.010	0.035	0.781	0.01 (-0.06, 0.08)	0.000	0.906	-0.025	0.032	0.437	-0.02 (-0.09, 0.04)	-0.021	0.035	0.543	-0.02 (-0.09, 0.05)
13477_65	LTB4R	LT4R1	226	-0.014	0.018	0.444	-0.01 (-0.05, 0.02)	0.779	0.315	-0.066	0.038	0.080	-0.07 (-0.14, 0.01)	0.003	0.112	-0.042	0.036	0.240	-0.04 (-0.11, 0.03)	-0.039	0.037	0.296	-0.04 (-0.11, 0.03)
13547_5	HTR7	5HT7R	226	0.015	0.019	0.445	0.01 (-0.02, 0.05)	0.779	0.281	0.019	0.040	0.639	0.02 (-0.06, 0.10)	0.000	0.907	0.031	0.039	0.418	0.03 (-0.04, 0.11)	0.022	0.045	0.627	0.02 (-0.07, 0.11)
14599_18	STAB1	STAB1	226	0.015	0.019	0.439	0.01 (-0.02, 0.05)	0.779	0.714	-0.012	0.039	0.757	-0.01 (-0.09, 0.06)	0.002	0.425	0.038	0.039	0.329	0.04 (-0.04, 0.11)	0.026	0.043	0.536	0.03 (-0.06, 0.11)
15422_12	PMP2	MYP2	226	-0.015	0.019	0.445	-0.01 (-0.05, 0.02)	0.779	0.369	-0.070	0.040	0.078	-0.07 (-0.15, 0.01)	0.003	0.110	-0.026	0.041	0.518	-0.03 (-0.11, 0.05)	-0.037	0.040	0.359	-0.04 (-0.11, 0.04)
15580_2	EPHA7	EPHA7	226	0.015	0.019	0.444	0.01 (-0.02, 0.05)	0.779	0.986	0.061	0.038	0.117	0.06 (-0.01, 0.14)	-0.003	0.170	0.025	0.038	0.517	0.02 (-0.05, 0.10)	0.026	0.036	0.470	0.03 (-0.04, 0.10)
16300_4	TREM2	TREM2	226	0.014	0.018	0.439	0.01 (-0.02, 0.05)	0.779	0.290	-0.003	0.037	0.925	-3.50e-03 (-0.08, 0.07)	0.001	0.590	0.015	0.038	0.701	0.01 (-0.06, 0.09)	0.005	0.039	0.898	4.99e-03 (-0.07, 0.08)
17367_5	STMN1	Stathmin	226	0.015	0.019	0.445	0.01 (-0.02, 0.05)	0.779	0.869	-0.050	0.038	0.196	-0.05 (-0.12, 0.03)	0.004	0.055	-0.056	0.032	0.087	-0.06 (-0.12, 0.01)	-0.055	0.038	0.145	-0.06 (-0.13, 0.02)
17495_141	SIRT3	SIR3	226	-0.015	0.019	0.443	-0.01 (-0.05, 0.02)	0.779	0.088	-0.014	0.041	0.739	-0.01 (-0.09, 0.07)	0.000	0.977	0.023	0.036	0.522	0.02 (-0.05, 0.09)	0.011	0.040	0.785	0.01 (-0.07, 0.09)
17510_7	SRP14	SRP14	226	0.015	0.019	0.443	0.01 (-0.02, 0.05)	0.779	0.748	0.039	0.038	0.316	0.04 (-0.04, 0.11)	-0.001	0.473	0.002	0.038	0.950	2.38e-03 (-0.07, 0.0	0.000	0.039	0.997	1.32e-04 (-0.08, 0.08)
18180_58	RTN4IP1	RT4I1	226	-0.014	0.018	0.441	-0.01 (-0.05, 0.02)	0.779	0.203	-0.024	0.037	0.513	-0.02 (-0.10, 0.05)	0.001	0.740	-0.047	0.036	0.193	-0.05 (-0.12, 0.02)	-0.029	0.040	0.468	-0.03 (-0.11, 0.05)
18317_111	ZFAND5	ZFAN5	226	0.015	0.019	0.445	0.01 (-0.02, 0.05)	0.779	0.269	-0.008	0.039	0.837	-0.01 (-0.09, 0.07)	0.001	0.509	-0.005	0.040	0.907	-4.65e-03 (-0.08, 0.0	0.001	0.038	0.970	1.43e-03 (-0.07, 0.08)
18408_26	ARF4	ARF4	226	-0.016	0.021	0.445	-0.02 (-0.06, 0.02)	0.779	0.010	0.007	0.042	0.872	0.01 (-0.07, 0.09)	-0.001	0.535	-0.016	0.041	0.698	-0.02 (-0.10, 0.06)	-0.029	0.040	0.465	-0.03 (-0.11, 0.05)
18927_14	RAET1G	RET1G	226	-0.015	0.019	0.445	-0.01 (-0.05, 0.02)	0.779	0.231	-0.073	0.040	0.069	-0.07 (-0.15, 0.01)	0.004	0.095	-0.025	0.038	0.516	-0.02 (-0.10, 0.05)	-0.054	0.041	0.188	-0.05 (-0.13, 0.03)
19247_1	UBE2D1	UB2D1	226	0.015	0.019	0.441	0.01 (-0.02, 0.05)	0.779	0.090	-0.042	0.041	0.309	-0.04 (-0.12, 0.04)	0.004	0.113	0.024	0.038	0.533	0.02 (-0.05, 0.10)	0.017	0.041	0.677	0.02 (-0.06, 0.10)
2633_52	IL13RA1	IL-13 Ra1	226	-0.014	0.019	0.444	-0.01 (-0.05, 0.02)	0.779	0.127	0.011	0.039	0.771	0.01 (-0.07, 0.09)	-0.002	0.453	-0.016	0.034	0.644	-0.02 (-0.08, 0.05)	-0.023	0.037	0.538	-0.02 (-0.10, 0.05)
2666_53	DCN	Bone prote	226	0.016	0.021	0.444	0.02 (-0.02, 0.06)	0.779	0.001	0.045	0.042	0.281	0.05 (-0.04, 0.13)	-0.002	0.420	-0.017	0.036	0.648	-0.02 (-0.09, 0.05)	-0.004	0.042	0.930	-3.73e-03 (-0.09, 0.08)
3049_61	PRSS1	Trypsin	226	-0.020	0.026	0.443	-0.02 (-0.07, 0.03)	0.779	1.42E-13	0.135	0.052	0.010	0.14 (0.03, 0.24)	-0.010	0.001	0.061	0.034	0.071	0.06 (-0.01, 0.13)	0.060	0.037	0.105	0.06 (-0.01, 0.13)
3427_63	CSNK2A1	CSK21	226	0.014	0.018	0.441	0.01 (-0.02, 0.05)	0.779	0.499	0.021	0.036	0.565	0.02 (-0.05, 0.09)	0.000	0.824	0.021	0.029	0.464	0.02 (-0.04, 0.08)	-0.019	0.044	0.669	-0.02 (-0.11, 0.07)
3617_80	HGFAC	HGFA	226	-0.015	0.020	0.444	-0.01 (-0.05, 0.02)	0.779	0.421	0.018	0.040	0.655	0.02 (-0.06, 0.10)	-0.002	0.343	-0.015	0.040	0.700	-0.02 (-0.09, 0.06)	-0.005	0.042	0.904	-0.01 (-0.09, 0.08)
3894_15	NAGK	NAGK	226	0.014	0.018	0.442	0.01 (-0.02, 0.05)	0.779	0.324	0.005	0.036	0.892	4.92e-03 (-0.07, 0.08)	0.001	0.784	-0.002	0.031	0.946	-2.11e-03 (-0.06, 0.0	-0.008	0.040	0.834	-0.01 (-0.09, 0.07)
4261_55	PON1	paraoxonas	226	-0.015	0.019	0.444	-0.01 (-0.05, 0.02)	0.779	0.059	0.012	0.041	0.773	0.01 (-0.07, 0.09)	-0.002	0.459	-0.033	0.039	0.399	-0.03 (-0.11, 0.04)	-0.024	0.042	0.580	-0.02 (-0.11, 0.06)
4906_35	F5	Coagulatio	226	0.015	0.020	0.440	0.02 (-0.02, 0.05)	0.779	0.061	0.006	0.042	0.890	0.01 (-0.08, 0.09)	0.001	0.802	0.051	0.032	0.103	0.05 (-0.01, 0.11)	0.059	0.038	0.122	0.06 (-0.02, 0.13)
4996_66	HRG	HRG	226	-0.015	0.020	0.440	-0.02 (-0.05, 0.02)	0.779	0.347	0.028	0.040	0.487	0.03 (-0.05, 0.11)	-0.003	0.217	0.012	0.041	0.765	0.01 (-0.07, 0.09)	0.002	0.041	0.969	1.61e-03 (-0.08, 0.08)
5102_55	MICB	MICB	226	-0.017	0.022	0.445	-0.02 (-0.06, 0.03)	0.779	0.007	-0.008	0.044	0.850	-0.01 (-0.09, 0.08)	-0.001	0.828	0.024	0.040	0.549	0.02 (-0.05, 0.10)	0.018	0.042	0.663	0.02 (-0.06, 0.10)
5315_22	TNNT2	Troponin T	226	0.015	0.019	0.443	0.01 (-0.02, 0.05)	0.779	0.025	0.012	0.039	0.750	0.01 (-0.06, 0.09)	0.000	0.945	0.038	0.038	0.316	0.04 (-0.04, 0.11)	0.057	0.041	0.168	0.06 (-0.02, 0.14)
5651_50	PSG7	PSG7	226	-0.015	0.019	0.443	-0.01 (-0.05, 0.02)	0.779	0.534	0.046	0.039	0.235	0.05 (-0.03, 0.12)	-0.004	0.072	0.019	0.038	0.615	0.02 (-0.05, 0.09)	-0.025	0.044	0.571	-0.02 (-0.11, 0.06)
5659_11	TRH	TRH	226	0.015	0.020	0.440	0.02 (-0.02, 0.05)	0.779	0.391	-0.010	0.040	0.799	-0.01 (-0.09, 0.07)	0.002	0.466	0.042	0.037	0.257	0.04 (-0.03, 0.11)	0.017	0.042	0.686	0.02 (-0.07, 0.10)
5703_26	OLFM1	NOE1	226	-0.016	0.021	0.443	-0.02 (-0.06, 0.03)	0.779	0.001	-0.003	0.043	0.943	-3.08e-03 (-0.09, 0.08)	-0.001	0.722	0.014	0.036	0.696	0.01 (-0.06, 0.08)	-0.017	0.038	0.647	-0.02 (-0.09, 0.06)
7084_1	DRAXIN	DRAXI	226	-0.015	0.020	0.440	-0.02 (-0.05, 0.02)	0.779	0.241	0.039	0.040	0.339	0.04 (-0.04, 0.12)	-0.003	0.127	-0.001	0.040	0.986	-6.89e-04 (-0.08, 0.0	0.029	0.040	0.482	0.03 (-0.05, 0.11)
8697_38	GPC1	Glypican 1	226	0.015	0.019	0.441	0.01 (-0.02, 0.05)	0.779	0.239	0.049	0.039	0.216	0.05 (-0.03, 0.13)	-0.002	0.318	0.072	0.035	0.037	0.07 (4.49e-03, 0.14	0.074	0.046	0.108	0.07 (-0.02, 0.16)
8900_28	NEO1	NEO1	226	-0.017	0.022	0.443	-0.02 (-0.06, 0.03)	0.779	0.001	0.072	0.043	0.094	0.07 (-0.01, 0.16)	-0.006	0.018	0.007	0.031	0.823	0.01 (-0.05, 0.07)	0.038	0.040	0.340	0.04 (-0.04, 0.12)
8916_32	STIM1	STIM1	226	-0.014	0.019	0.444	-0.01 (-0.05, 0.02)	0.779	0.765	-0.051	0.038	0.182	-0.05 (-0.12, 0.02)	0.002	0.270	-0.044	0.032	0.165	-0.04 (-0.11, 0.02)	-0.044	0.036	0.216	-0.04 (-0.11, 0.03)
9028_5	MTPAP	PAPD1	226	-0.015	0.020	0.443	-0.01 (-0.05, 0.02)	0.779	0.478	-0.040	0.039	0.316	-0.04 (-0.12, 0.04)	0.002	0.472	-0.005	0.039	0.905	-4.66e-03 (-0.08, 0.0	-0.008	0.039	0.830	-0.01 (-0.08, 0.07)
9115_78	ADAMDEC	ADEC1	226	0.014	0.018	0.443	0.01 (-0.02, 0.05)	0.779	0.093	0.047	0.039	0.231	0.05 (-0.03, 0.12)	-0.002	0.333	0.028	0.040	0.483	0.03 (-0.05, 0.11)	0.051	0.038	0.182	0.05 (-0.02, 0.13)
12859_33	ECI2	PECI	226	0.014	0.019	0.446	0.01 (-0.02, 0.05)	0.779	0.278	-0.035	0.038	0.354	-0.04 (-0.11, 0.04)	0.003	0.136	-0.045	0.030	0.136	-0.04 (-0.10, 0.01)	-0.059	0.042	0.160	-0.06 (-0.14, 0.02)
7045_4	BNIP3	BNIP3	226	-0.015	0.020	0.446	-0.01 (-0.05, 0.02)	0.779	0.268	0.026	0.041	0.528	0.03 (-0.05, 0.11)	-0.003	0.250	-0.014	0.040	0.725	-0.01 (-0.09, 0.06)	0.001	0.043	0.984	8.90e-04 (-0.08, 0.09)
11280_6	GAD1	DCE1	226	-0.015	0.020	0.446	-0.01 (-0.05, 0.02)	0.779	0.101	-0.011	0.042	0.793	-0.01 (-0.09, 0.07)	0.000	0.914	-0.009	0.039	0.819	-0.01 (-0.09, 0.07)	-0.030	0.039	0.439	-0.03 (-0.11, 0.05)
12825_18	APPL1	DP13A	226	-0.015	0.019	0.447	-0.01 (-0.05, 0.02)	0.779	0.323	-0.003	0.040	0.944	-2.81e-03 (-0.08, 0.08)	-0.001	0.731	-0.032	0.039	0.410	-0.03 (-0.11, 0.04)	-0.037	0.040	0.359	-0.04 (-0.11, 0.04)
7753_21	HTATIP2	HTAI2	226	0.015	0.019	0.446	0.01 (-0.02, 0.05)	0.779	0.168	0.015	0.040	0.703	0.02 (-0.06, 0.09)	0.000	0.981	0.044	0.034	0.198	0.04 (-0.02, 0.11)	0.076	0.039	0.052	0.08 (-1.55e-04, 0.15)
9068_17	JAKMIP3	JKIP3	226	-0.015	0.019	0.447	-0.01 (-0.05, 0.02)	0.779	0.270	0.022	0.040	0.589	0.02 (-0.06, 0.10)	-0.002	0.296	0.001	0.034	0.970	1.29e-03 (-0.07, 0.0	0.009	0.038	0.819	0.01 (-0.07, 0.08)
13452_113	SMIM13	SIM13	226	-0.015	0.019	0.447	-0.01 (-0.05, 0.02)	0.780	0.457	0.021	0.039	0.597	0.02 (-0.06, 0.10)	-0.002	0.297	0.006	0.032	0.859	0.01 (-0.06, 0.07)	0.011	0.043	0.804	0.01 (-0.07, 0.09)
10702_1	COL28A1	COSA1	226	-0.017	0.022	0.447	-0.02 (-0.06, 0.03)	0.780	4.86E-04	-0.057	0.045	0.206	-0.06 (-0.14, 0.03)	0.002	0.306	-0.038	0.039	0.331	-0.04 (-0.12, 0.04)	-0.049	0.040	0.222	-0.05 (-0.13, 0.03)
12384_92	COPS7B	CSN7B	226	-0.017	0.023	0.448	-0.02 (-0.06, 0.03)	0.781	0.001	-0.038	0.046	0.413	-0.04 (-0.13, 0.05)	0.001	0.609	-0.007	0.040	0.869	-0.01 (-0.09, 0.07)	-0.017	0.039	0.659	-0.02 (-0.09, 0.06)
3196_6	HAPLN1	HPLN1	226	-0.015	0.020	0.448	-0.01 (-0.05, 0.02)	0.781	0.405	0.054	0.040	0.177	0.05 (-0.02, 0.13)	-0.004	0.047	-0.018	0.040	0.662	-0.02 (-0.10, 0.06)	0.001	0.040	0.983	8.41e-04 (-0.08, 0.08)
11135_5	MRPL55	RM55	226	0.015	0.020	0.449	0.02 (-0.02, 0.05)	0.782	0.017	0.010	0.040	0.806	0.01 (-0.07, 0.09)	0.000	0.881	-0.020	0.029	0.492	-0.02 (-0.08, 0.04)	-0.062	0.047	0.183	-0.06 (-0.15, 0.03)
18280_29	DTD2	DTD2	226	0.014	0.018	0.449	0.01 (-0.02, 0.05)	0.782	0.673	0.027	0.036	0.460	0.03 (-0.04, 0.10)	-0.001	0.675	-0.033	0.033	0.318	-0.03 (-0.10, 0.03)	-0.043	0.037	0.238	-0.04 (-0.12, 0.03)
7200_4	LRFN2	LRFN2	226	0.016	0.021	0.449	0.02 (-0.03, 0.06)	0.782	0.014	0.087	0.043	0.044	0.09 (2.96e-03, 0.17)	-0.004	0.058	0.006	0.040	0.892	0.01 (-0.07, 0.08)	0.028	0.041	0.502	0.03 (-0.05, 0.11)
17776_15	PECR	PECR	226	0.014	0.019	0.449	0.01 (-0.02, 0.05)	0.782	0.520	-0.014	0.037	0.704	-0.01 (-0.09, 0.06)	0.002	0.385	-0.006	0.031	0.850	-0.01 (-0.07, 0.05)	-0.021	0.040	0.606	-0.02 (-0.10, 0.06)
11319_106	MRE11A	MRE11	226	0.014	0.018	0.450	0.01 (-0.02, 0.05)	0.782	0.707	0.030	0.036	0.404	0.03 (-0.04, 0.10)	-0.001	0.596	0.006	0.037	0.864	0.01 (-0.07, 0.08)	0.000	0.037	0.999	-4.03e-05 (-0.07, 0.07)
13513_174	PIAS3	PIAS3	226	0.015	0.019	0.450	0.01 (-0.02, 0.05)	0.782	0.066	0.048	0.042	0.259	0.05 (-0.03, 0.13)	-0.002	0.369	-0.005	0.037	0.884	-0.01 (-0.08, 0.07)	0.033	0.041	0.429	0.03 (-0.05, 0.11)
4250_23	NSFL1C	NSF1C	226	-0.014	0.019	0.450	-0.01 (-0.05, 0.02)	0.782	0.967	-0.051	0.037	0.175	-0.05 (-0.12, 0.02)	0.002	0.257	-0.034	0.038	0.369	-0.03 (-0.11, 0.04)	-0.031	0.039	0.427	-0.03 (-0.11, 0.05)
9365_91	EYS	EYS	226	0.015	0.019	0.450	0.01 (-0.02, 0.05)	0.782	0.339	-0.023	0.040	0.569	-0.02 (-0.10, 0.06)	0.002	0.281	-0.013	0.039	0.732	-0.01 (-0.09, 0.06)	-0.024	0.035	0.494	-0.02 (-0.09, 0.05)
16765_52	PPBP	PBP	226	-0.013	0.018	0.451	-0.01 (-0.05, 0.02)	0.783	0.725	-0.030	0.035	0.392	-0.03 (-0.10, 0.04)	0.001	0.578	-0.035	0.034	0.291	-0.04 (-0.10, 0.03)	-0.024	0.036	0.503	-0.02 (-0.09, 0.05)
7155_46	C4BPB	C4b-bindin	226	0.015	0.020	0.451	0.01 (-0.02, 0.05)	0.784	0.688	0.051	0.039	0.199	0.05 (-0.03, 0.13)	-0.002	0.294	-0.040	0.035	0.248	-0.04 (-0.11, 0.03)	-0.051	0.047	0.275	-0.05 (-0.14, 0.04)
14254_27	PTPN4	PTN4	226	-0.016	0.022	0.452	-0.02 (-0.06, 0.03)	0.784	0.008	0.034	0.044	0.445	0.03 (-0.05, 0.12)	-0.003	0.191	0.009	0.041	0.834	0.01 (-0.07, 0.09)	-0.001	0.046	0.987	-7.38e-04 (-0.09, 0.09)
6966_144	STX1B	STX1B	226	-0.015	0.019	0.452	-0.01 (-0.05, 0.02)	0.784	0.131	0.015	0.041	0.710	0.02 (-0.07, 0.10)	-0.002	0.404	0.021	0.033	0.528	0.02 (-0.04, 0.09)	0.042	0.044	0.336	0.04 (-0.04, 0.13)
12643_4	ARRB1	ARRB1	226	0.013	0.018	0.452	0.01 (-0.02, 0.05)	0.784	0.796	-0.008	0.035	0.818	-0.01 (-0.08, 0.06)	0.001	0.488	-0.016	0.029	0.598	-0.02 (-0.07, 0.04)	-0.030	0.038	0.432	-0.03 (-0.10, 0.04)
3815_14	IL12RB2	IL-12 RB2	226	-0.014	0.019	0.452	-0.01 (-0.05, 0.02)	0.784	0.405	0.052	0.039	0.183	0.05 (-0.02, 0.13)	-0.004	0.051	-0.012	0.038	0.745	-0.01 (-0.09, 0.06)	0.001	0.041	0.978	1.14e-03 (-0.08, 0.08)
5748_20	ASAH1	Acid cerami	226	0.014	0.018	0.452	0.01 (-0.02, 0.05)	0.784	0.323	0.021	0.038	0.582	0.02 (-0.05, 0.09)	0.000	0.830	-0.006	0.029	0.829	-0.01 (-0.06, 0.05)	-0.033	0.043	0.448	-0.03 (-0.12, 0.05)
9999_1	IRF6	IRF6	226	-0.014	0.019	0.453	-0.01 (-0.05, 0.02)	0.784	0.697	-0.054	0.038	0.160	-0.05 (-0.13, 0.02)	0.002	0.233	-0.053	0.035	0.127	-0.05 (-0.12, 0.02)	-0.060	0.039	0.128	-0.06 (-0.14, 0.02)
11264_33	XDH	XDH	226	-0.015	0.020	0.455	-0.01 (-0.05, 0.02)	0.784	0.477	0.049	0.039	0.211	0.05 (-0.03, 0.13)	-0.004	0.062	0.047	0.037	0.201	0.05 (-0.02, 0.12)	0.059	0.044	0.181	0.06 (-0.03, 0.15)
11303_7	SAMHD1	SAMH1	226	-0.015	0.020	0.453	-0.01 (-0.05, 0.02)	0.784	0.697	-0.072	0.039	0.069	-0.07 (-0.15, 0.01)	0.004	0.094	-0.031	0.041	0.457	-0.03 (-0.11, 0.05)	-0.043	0.042	0.312	-0.04 (-0.13, 0.04)
12401_3	STAMBPL1	STALP	226	0.014	0.018	0.453	0.01 (-0.02, 0.05)	0.784	0.810	0.012	0.037	0.743	0.01 (-0.06, 0.08)	0.000	0.959	-0.019	0.036	0.589	-0.02 (-0.09, 0.05)	-0.016	0.038	0.675	-0.02 (-0.09, 0.06)
13378_80	C5orf63	YD286	226	0.014	0.019	0.455	0.01 (-0.02, 0.05)	0.784	0.387	-0.055	0.039	0.166	-0.05 (-0.13, 0.02)	0.004	0.044	-0.009	0.042	0.823	-0.01 (-0.09, 0.07)	-0.021	0.044	0.636	-0.02 (-0.11, 0.06)
13594_158	GGA1	GGA1	226	0.014	0.018	0.456	0.01 (-0.02, 0.05)	0.784	0.626	0.018	0.037	0.628	0.02 (-0.05, 0.09)	0.000	0.895	0.006	0.030	0.841	0.01 (-0.05, 0.06)	-0.013	0.039	0.739	-0.01 (-0.09, 0.06)
13676_46	INHBB	Inhibin bB	226	-0.016	0.021	0.456	-0.02 (-0.06, 0.03)	0.784	0.002	-0.016	0.043	0.708	-0.02 (-0.10, 0.07)	0.000	0.995	-0.008	0.037	0.819	-0.01 (-0.08, 0.06)	-0.018	0.038	0.629	-0.02 (-0.09, 0.06)
13946_8	DDX23	DDX23	226	0.015	0.019	0.456	0.01 (-0.02, 0.05)	0.784	0.215	-0.061	0.040	0.135	-0.06 (-0.14, 0.02)	0.005	0.033	0.012	0.038	0.749	0.01 (-0.06, 0.09)	-0.030	0.040	0.459	-0.03 (-0.11, 0.05)
13955_33	DAPK1	DAPK1	226	-0.014	0.018	0.456	-0.01 (-0.05, 0.02)	0.784	0.189	-0.040	0.039	0.304	-0.04 (-0.12, 0.04)	0.002	0.438	-0.038	0.037	0.304	-0.04 (-0.11, 0.03)	-0.032	0.038	0.397	-0.03 (-0.11, 0.04)
16845_15	MPZL1	MPZL1	226	0.015	0.019	0.454	0.01 (-0.02, 0.05)	0.784	0.160	0.085	0.041	0.039	0.08 (4.81e-03, 0.16)	-0.004	0.049	0.073	0.034	0.033	0.07 (0.01, 0.14)	0.085	0.043	0.052	0.08 (-1.51e-04, 0.17)
18348_89	HNRNPD	HNRPD	226	0.014	0.019	0.455	0.01 (-0.02, 0.05)	0.784	0.035	0.004	0.038	0.926	3.56e-03 (-0.07, 0.08)	0.001	0.751	-0.017	0.030	0.572	-0.02 (-0.08, 0.04)	-0.023	0.037	0.539	-0.02 (-0.10, 0.05)
19492_5	KAAG1	KAAG1	226	-0.014	0.019	0.455	-0.01 (-0.05, 0.02)	0.784	0.144	0.013	0.040	0.737	0.01 (-0.06, 0.09)	-0.002	0.428	0.003	0.038	0.940	2.85e-03 (-0.07, 0.0	-0.006	0.040	0.879	-0.01 (-0.08, 0.07)
2742_68	SIGLEC7	Siglec-7	226	0.014	0.019	0.456	0.01 (-0.02, 0.05)	0.784	0.447	-0.018	0.038	0.645	-0.02 (-0.09, 0.06)	0.002	0.340	-0.041	0.033	0.215	-0.04 (-0.11, 0.02)	-0.029	0.037	0.436	-0.03 (-0.10, 0.04)
4146_58	NTF4	Neurotroph	226	-0.015	0.020	0.454	-0.01 (-0.05, 0.02)	0.784	0.532	-0.008	0.039	0.839	-0.01 (-0.09, 0.07)	0.000	0.847	-0.033	0.040	0.410	-0.03 (-0.11, 0.05)	0.007	0.042	0.862	0.01 (-0.07, 0.09)
4304_18	LCORL	transcriptio	226	-0.015	0.020	0.453	-0.01 (-0.05, 0.02)	0.784	0.241	0.012	0.041	0.773	0.01 (-0.07, 0.09)	-0.002	0.456	-0.021	0.041	0.602	-0.02 (-0.10, 0.06)	-0.015	0.039	0.696	-0.02 (-0.09, 0.06)
6027_31	RLN3	REL3	226	0.014	0.018	0.453	0.01 (-0.02, 0.05)	0.784	0.171	0.012	0.038	0.763	0.01 (-0.06, 0.09)	0.000	0.951	-0.008	0.034	0.809	-0.01 (-0.08, 0.06)	-0.012	0.042	0.773	-0.01 (-0.10, 0.07)
6895_1	TFRC	TR	226	0.018	0.024	0.454	0.02 (-0.03, 0.06)	0.784	3.24E-07	-0.060	0.048	0.210	-0.06 (-0.15, 0.03)	0.005	0.062	-0.035	0.033	0.290	-0.03 (-0.10, 0.03)	-0.019	0.044	0.659	-0.02 (-0.10, 0.07)
7227_75	COCH	COCH	226	0.015	0.020	0.455	0.02 (-0.02, 0.06)	0.784	0.025	-0.046	0.041	0.263	-0.05 (-0.13, 0.03)	0.004	0.086	-0.028	0.031	0.377	-0.03 (-0.09, 0.03)	-0.053	0.037	0.150	-0.05 (-0.12, 0.02)
7788_1	ATP5J	CF6	226	0.014	0.019	0.456	0.01 (-0.02, 0.05)	0.784	0.120	0.031	0.041	0.454	0.03 (-0.05, 0.11)	-0.001	0.646	-0.026	0.034	0.441	-0.03 (-0.09, 0.04)	-0.044	0.043	0.303	-0.04 (-0.13, 0.04)
8818_13	IFNGR2	INGR2	226	0.015	0.019	0.454	0.01 (-0.02, 0.05)	0.784	0.176	0.066	0.041	0.110	0.07 (-0.01, 0.15)	-0.003	0.152	0.070	0.037	0.060	0.07 (-2.89e-03, 0.1	0.066	0.042	0.118	0.07 (-0.02, 0.15)
9738_7	FAF2	FAF2	226	-0.013	0.018	0.456	-0.01 (-0.05, 0.02)	0.784	0.634	-0.033	0.036	0.370	-0.03 (-0.10, 0.04)	0.001	0.543	-0.026	0.039	0.501	-0.03 (-0.10, 0.05)	-0.034	0.041	0.412	-0.03 (-0.11, 0.05)
9751_72	YBX1	NSEP1	226	0.016	0.021	0.455	0.02 (-0.03, 0.06)	0.784	0.001	-0.048	0.043	0.269	-0.05 (-0.13, 0.04)	0.004	0.089	-0.066	0.033	0.046	-0.07 (-0.13, -1.14e-	-0.101	0.042	0.019	-0.10 (-0.18, -0.02)
9913_4	RRBP1	RRBP1	226	-0.014	0.018	0.455	-0.01 (-0.05, 0.02)	0.784	0.360	-0.044	0.037	0.241	-0.04 (-0.12, 0.03)	0.002	0.351	-0.032	0.037	0.385	-0.03 (-0.10, 0.04)	-0.017	0.037	0.645	-0.02 (-0.09, 0.06)
11164_7	TENM2	TEN2	226	0.014	0.019	0.457	0.01 (-0.02, 0.05)	0.785	0.321	-0.021	0.040	0.596	-0.02 (-0.10, 0.06)	0.002	0.305	-0.033	0.034	0.333	-0.03 (-0.10, 0.03)	-0.034	0.039	0.393	-0.03 (-0.11, 0.04)
16922_53	PLXNB3	PLXB3	226	0.015	0.020	0.456	0.01 (-0.02, 0.05)	0.785	0.530	0.065	0.039	0.099	0.07 (-0.01, 0.14)	-0.003	0.140	0.020	0.041	0.618	0.02 (-0.06, 0.10)	0.016	0.042	0.707	0.02 (-0.07, 0.10)
12635_9	TRDMT1	TRDMT	226	0.014	0.018	0.457	0.01 (-0.02, 0.05)	0.785	0.371	0.032	0.038	0.401	0.03 (-0.04, 0.11)	-0.001	0.582	0.020	0.031	0.518	0.02 (-0.04, 0.08)	0.016	0.037	0.667	0.02 (-0.06, 0.09)
17835_28	ANXA13	ANX13	226	0.016	0.021	0.457	0.02 (-0.03, 0.06)	0.785	0.026	0.064	0.043	0.133	0.06 (-0.02, 0.15)	-0.003	0.191	0.061	0.039	0.113	0.06 (-0.01, 0.14)	0.042	0.042	0.324	0.04 (-0.04, 0.13)
19631_13	KNG1	Kininostatin	226	0.014	0.019	0.457	0.01 (-0.02, 0.05)	0.785	0.635	0.085	0.037	0.024	0.09 (0.01, 0.16)	-0.004	0.029	0.056	0.032	0.075	0.06 (-0.01, 0.12)	0.085	0.044	0.054	0.09 (-8.98e-04, 0.17)
5740_17	ROBO1	ROBO1	226	-0.013	0.018	0.457	-0.01 (-0.05, 0.02)	0.785	0.079	0.034	0.039	0.376	0.03 (-0.04, 0.11)	-0.003	0.157	0.029	0.035	0.402	0.03 (-0.04, 0.10)	0.030	0.040	0.447	0.03 (-0.05, 0.11)
14120_2	RNF43	RNF43	226	0.014	0.019	0.458	0.01 (-0.02, 0.05)	0.785	0.312	0.016	0.040	0.685	0.02 (-0.06, 0.10)	0.000	0.958	0.032	0.032	0.308	0.03 (-0.03, 0.09)	0.052	0.046	0.262	0.05 (-0.04, 0.14)
13994_1	FBL	FBRL	226	0.014	0.020	0.458	0.01 (-0.02, 0.05)	0.786	0.257	0.001	0.041	0.985	7.74e-04 (-0.08, 0.08)	0.001	0.697	0.025	0.040	0.543	0.02 (-0.05, 0.10)	0.009	0.042	0.823	0.01 (-0.07, 0.09)
16079_2	TEC	TEC	226	0.014	0.018	0.458	0.01 (-0.02, 0.05)	0.786	0.521	-0.001	0.037	0.979	-9.66e-04 (-0.07, 0.07)	0.001	0.650	-0.022	0.035	0.533	-0.02 (-0.09, 0.05)	-0.038	0.038	0.325	-0.04 (-0.11, 0.04)
3581_53	AHSG	a2-HS-Glyc	226	0.016	0.022	0.459	0.02 (-0.03, 0.06)	0.786	0.003	0.011	0.044	0.809	0.01 (-0.08, 0.10)	0.000	0.886	0.048	0.038	0.207	0.05 (-0.03, 0.12)	0.050	0.045	0.274	0.05 (-0.04, 0.14)
4230_1	EIF4G2	IF4G2	226	0.014	0.018	0.458	0.01 (-0.02, 0.05)	0.786	0.444	0.010	0.037	0.788	0.01 (-0.06, 0.08)	0.000	0.912	-0.031	0.030	0.292	-0.03 (-0.09, 0.03)	-0.023	0.039	0.559	-0.02 (-0.10, 0.05)
17800_33	SCAND1	SCAND1	226	0.014	0.020	0.459	0.01 (-0.02, 0.05)	0.786	0.070	0.051	0.042	0.224	0.05 (-0.03, 0.13)	-0.002	0.314	-0.014	0.040	0.732	-0.01 (-0.09, 0.06)	-0.006	0.044	0.886	-0.01 (-0.09, 0.08)
9074_6	FAXDC2	CE004	226	-0.014	0.019	0.459	-0.01 (-0.05, 0.02)	0.786	0.664	-0.032	0.039	0.420	-0.03 (-0.11, 0.04)	0.001	0.612	-0.048	0.037	0.186	-0.05 (-0.12, 0.02)	-0.064	0.040	0.111	-0.06 (-0.14, 0.01)
5486_73	ICAM2	sICAM-2	226	-0.018	0.024	0.459	-0.02 (-0.07, 0.03)	0.786	5.50E-08	0.038	0.049	0.441	0.04 (-0.06, 0.13)	-0.003	0.190	0.048	0.036	0.177	0.05 (-0.02, 0.12)	0.022	0.041	0.597	0.02 (-0.06, 0.10)
10088_37	APRT	APT	226	0.013	0.018	0.460	0.01 (-0.02, 0.05)	0.786	0.265	-0.004	0.037	0.924	-3.51e-03 (-0.08, 0.07)	0.001	0.604	-0.031	0.031	0.313	-0.03 (-0.09, 0.03)	-0.035	0.039	0.366	-0.04 (-0.11, 0.04)
11572_4	DNM2	DYN2	226	0.013	0.018	0.460	0.01 (-0.02, 0.05)	0.787	0.591	0.024	0.037	0.520	0.02 (-0.05, 0.10)	-0.001	0.749	-0.020	0.032	0.530	-0.02 (-0.08, 0.04)	-0.009	0.038	0.807	-0.01 (-0.08, 0.06)
13583_19	APAF1	Apaf-1	226	0.014	0.019	0.460	0.01 (-0.02, 0.05)	0.787	0.357	0.003	0.039	0.947	2.58e-03 (-0.07, 0.08)	0.001	0.735	-0.017	0.033	0.615	-0.02 (-0.08, 0.05)	-0.013	0.039	0.742	-0.01 (-0.09, 0.06)
7757_5	HLA-DQA2	DQA2	226	0.022	0.029	0.461	0.02 (-0.04, 0.08)	0.787	1.79E-24	0.129	0.059	0.029	0.13 (0.01, 0.24)	-0.007	0.037	0.020	0.042	0.630	0.02 (-0.06, 0.10)	0.007	0.044	0.876	0.01 (-0.08, 0.09)
13624_17	NADK	NADK	226	0.014	0.020	0.461	0.01 (-0.02, 0.05)	0.787	0.132	0.033	0.041	0.423	0.03 (-0.05, 0.11)	-0.001	0.601	-0.049	0.033	0.141	-0.05 (-0.11, 0.02)	-0.038	0.039	0.338	-0.04 (-0.11, 0.04)
15542_19	CKMT1A	KCRU	226	-0.016	0.021	0.461	-0.02 (-0.06, 0.03)	0.787	0.012	-0.010	0.043	0.813	-0.01 (-0.10, 0.07)	0.000	0.883	-0.041	0.041	0.318	-0.04 (-0.12, 0.04)	-0.041	0.045	0.364	-0.04 (-0.13, 0.05)
9541_15	B3GALT1	B3GT1	226	0.014	0.019	0.461	0.01 (-0.02, 0.05)	0.787	0.686	0.042	0.038	0.271	0.04 (-0.03, 0.12)	-0.002	0.397	0.035	0.038	0.356	0.04 (-0.04, 0.11)	0.037	0.037	0.314	0.04 (-0.03, 0.11)
11109_56	SVEP1	SVEP1	226	-0.016	0.022	0.462	-0.02 (-0.06, 0.03)	0.788	2.38E-04	0.000	0.044	0.996	-2.33e-04 (-0.09, 0.09)	-0.001	0.679	0.016	0.036	0.653	0.02 (-0.05, 0.09)	-0.023	0.042	0.582	-0.02 (-0.10, 0.06)
12894_3	PAXIP1	PAXI1	226	0.014	0.019	0.462	0.01 (-0.02, 0.05)	0.788	0.584	0.007	0.038	0.850	0.01 (-0.07, 0.08)	0.000	0.840	0.042	0.036	0.243	0.04 (-0.03, 0.11)	0.017	0.037	0.649	0.02 (-0.06, 0.09)
17789_1	QPRT	NADC	226	-0.014	0.019	0.462	-0.01 (-0.05, 0.02)	0.788	0.649	0.023	0.039	0.556	0.02 (-0.05, 0.10)	-0.002	0.273	-0.019	0.040	0.632	-0.02 (-0.10, 0.06)	0.001	0.044	0.985	8.13e-04 (-0.08, 0.09)
5111_15	NRXN3	NRX3B	226	-0.014	0.018	0.462	-0.01 (-0.05, 0.02)	0.788	0.356	0.031	0.038	0.418	0.03 (-0.04, 0.10)	-0.003	0.179	-0.005	0.037	0.889	-0.01 (-0.08, 0.07)	-0.021	0.039	0.586	-0.02 (-0.10, 0.06)
5864_10	ALDOA	aldolase A	226	0.013	0.017	0.462	0.01 (-0.02, 0.05)	0.788	0.705	-0.015	0.035	0.674	-0.01 (-0.08, 0.05)	0.002	0.366	-0.039	0.031	0.213	-0.04 (-0.10, 0.02)	-0.047	0.038	0.222	-0.05 (-0.12, 0.03)
6289_78	ARHGAP3	RHG36	226	0.016	0.022	0.463	0.02 (-0.03, 0.06)	0.789	1.77E-05	-0.065	0.045	0.150	-0.06 (-0.15, 0.02)	0.005	0.038	-0.001	0.040	0.984	-7.85e-04 (-0.08, 0.0	0.002	0.040	0.961	1.99e-03 (-0.08, 0.08)
15481_45	CAMP	LL-37	226	-0.017	0.023	0.463	-0.02 (-0.06, 0.03)	0.789	6.44E-05	-0.006	0.046	0.895	-0.01 (-0.10, 0.08)	-0.001	0.790	-0.015	0.039	0.704	-0.01 (-0.09, 0.06)	-0.004	0.041	0.917	-4.27e-03 (-0.08, 0.08)
19282_3	RAB13	RAB13	226	0.014	0.019	0.464	0.01 (-0.02, 0.05)	0.789	0.138	0.043	0.040	0.280	0.04 (-0.03, 0.12)	-0.002	0.396	0.012	0.038	0.747	0.01 (-0.06, 0.09)	0.023	0.041	0.580	0.02 (-0.06, 0.10)
8053_16	DNAJB14	DJB14	226	0.014	0.019	0.464	0.01 (-0.02, 0.05)	0.789	0.627	0.013	0.038	0.727	0.01 (-0.06, 0.09)	0.000	0.987	-0.027	0.031	0.388	-0.03 (-0.09, 0.03)	-0.051	0.043	0.235	-0.05 (-0.14, 0.03)
11288_26	NT5C2	5NTC	226	0.013	0.018	0.464	0.01 (-0.02, 0.05)	0.789	0.395	0.011	0.037	0.771	0.01 (-0.06, 0.08)	0.000	0.938	0.011	0.038	0.777	0.01 (-0.06, 0.09)	0.008	0.035	0.813	0.01 (-0.06, 0.08)
14250_115	BLMH	BLMH	226	-0.014	0.020	0.464	-0.01 (-0.05, 0.02)	0.789	0.816	0.009	0.039	0.813	0.01 (-0.07, 0.09)	-0.001	0.490	-0.029	0.039	0.448	-0.03 (-0.10, 0.05)	-0.025	0.041	0.534	-0.03 (-0.11, 0.05)
3035_80	IL19	IL-19	226	0.016	0.022	0.464	0.02 (-0.03, 0.06)	0.789	0.006	0.083	0.044	0.056	0.08 (-1.86e-03, 0.17)	-0.004	0.075	0.079	0.031	0.012	0.08 (0.02, 0.14)	0.107	0.046	0.021	0.11 (0.02, 0.20)
6992_67	HBD	HBD	226	0.016	0.021	0.464	0.02 (-0.03, 0.06)	0.789	0.021	-0.037	0.043	0.386	-0.04 (-0.12, 0.05)	0.003	0.157	-0.005	0.041	0.898	-0.01 (-0.09, 0.08)	-0.024	0.044	0.589	-0.02 (-0.11, 0.06)
7048_4	CEACAM1	CEA19	226	0.014	0.019	0.465	0.01 (-0.02, 0.05)	0.790	0.076	-0.013	0.041	0.749	-0.01 (-0.09, 0.07)	0.002	0.448	0.045	0.039	0.248	0.05 (-0.03, 0.12)	0.056	0.044	0.207	0.06 (-0.03, 0.14)
10366_11	PDGFRA	PDGFRA	226	-0.014	0.019	0.467	-0.01 (-0.05, 0.02)	0.790	0.190	0.028	0.040	0.479	0.03 (-0.05, 0.11)	-0.003	0.225	0.030	0.034	0.380	0.03 (-0.04, 0.10)	0.030	0.044	0.497	0.03 (-0.06, 0.12)
12355_223	MRRF	RRFM	226	-0.013	0.018	0.467	-0.01 (-0.05, 0.02)	0.790	0.338	-0.025	0.038	0.514	-0.02 (-0.10, 0.05)	0.001	0.731	-0.038	0.032	0.244	-0.04 (-0.10, 0.03)	-0.049	0.040	0.223	-0.05 (-0.13, 0.03)
13517_3	PTCHD3	PTHD3	226	-0.015	0.020	0.466	-0.01 (-0.05, 0.03)	0.790	0.032	-0.060	0.041	0.146	-0.06 (-0.14, 0.02)	0.003	0.207	0.013	0.037	0.731	0.01 (-0.06, 0.08)	-0.007	0.038	0.860	-0.01 (-0.08, 0.07)
13572_43	PSMD11	PSD11	226	-0.013	0.018	0.466	-0.01 (-0.05, 0.02)	0.790	0.432	-0.016	0.037	0.659	-0.02 (-0.09, 0.06)	0.000	0.923	-0.023	0.036	0.518	-0.02 (-0.09, 0.05)	-0.028	0.038	0.457	-0.03 (-0.10, 0.05)
13620_10	ASNA1	ASNA	226	-0.014	0.020	0.467	-0.01 (-0.05, 0.02)	0.790	0.043	0.040	0.040	0.308	0.04 (-0.04, 0.12)	-0.003	0.112	-0.045	0.036	0.211	-0.04 (-0.11, 0.03)	-0.042	0.038	0.274	-0.04 (-0.12, 0.03)
13628_58	GRB14	GRB14	226	0.015	0.020	0.466	0.01 (-0.02, 0.05)	0.790	0.038	-0.022	0.040	0.576	-0.02 (-0.10, 0.06)	0.002	0.289	0.008	0.039	0.834	0.01 (-0.07, 0.08)	0.004	0.040	0.928	3.60e-03 (-0.07, 0.08)
14127_240	IFNB1	IFN-b	226	0.015	0.021	0.467	0.02 (-0.03, 0.06)	0.790	0.033	0.002	0.043	0.965	1.85e-03 (-0.08, 0.09)	0.001	0.715	0.058	0.036	0.104	0.06 (-0.01, 0.13)	0.045	0.040	0.261	0.05 (-0.03, 0.12)
15495_9	FOLR3	FOLR3	226	-0.014	0.019	0.465	-0.01 (-0.05, 0.02)	0.790	0.571	-0.038	0.039	0.327	-0.04 (-0.12, 0.04)	0.002	0.476	0.012	0.032	0.695	0.01 (-0.05, 0.07)	0.031	0.040	0.440	0.03 (-0.05, 0.11)
15583_18	FCRLB	FCRLB	226	0.014	0.020	0.467	0.01 (-0.02, 0.05)	0.790	0.867	-0.018	0.039	0.643	-0.02 (-0.10, 0.06)	0.002	0.343	-0.020	0.033	0.547	-0.02 (-0.08, 0.04)	-0.035	0.042	0.404	-0.03 (-0.12, 0.05)
15610_72	LAP3	LAP	226	0.013	0.018	0.467	0.01 (-0.02, 0.05)	0.790	0.303	0.023	0.038	0.548	0.02 (-0.05, 0.10)	-0.001	0.775	-0.017	0.032	0.601	-0.02 (-0.08, 0.05)	-0.028	0.039	0.476	-0.03 (-0.10, 0.05)
19579_5	DEFA1	HNP-1	226	0.014	0.020	0.467	0.01 (-0.02, 0.05)	0.790	0.842	0.008	0.039	0.846	0.01 (-0.07, 0.08)	0.000	0.847	0.038	0.040	0.348	0.04 (-0.04, 0.12)	0.041	0.043	0.339	0.04 (-0.04, 0.12)
2645_54	PRKCZ	PKC-Z	226	0.015	0.020	0.467	0.01 (-0.03, 0.06)	0.790	0.001	0.028	0.041	0.493	0.03 (-0.05, 0.11)	-0.001	0.707	0.023	0.032	0.467	0.02 (-0.04, 0.09)	0.009	0.038	0.823	0.01 (-0.07, 0.08)
3351_1	CAMK2B	CAMK2B	226	-0.013	0.018	0.467	-0.01 (-0.05, 0.02)	0.790	0.229	-0.032	0.038	0.400	-0.03 (-0.11, 0.04)	0.001	0.569	-0.072	0.032	0.024	-0.07 (-0.14, -0.01)	-0.079	0.038	0.040	-0.08 (-0.15, -3.86e-03)
5139_32	UNC5C	UNC5H3	226	-0.014	0.019	0.466	-0.01 (-0.05, 0.02)	0.790	0.230	0.045	0.040	0.268	0.04 (-0.03, 0.12)	-0.004	0.094	0.048	0.034	0.157	0.05 (-0.02, 0.11)	0.065	0.040	0.104	0.06 (-0.01, 0.14)
7069_9	TSNARE1	TSNA1	226	-0.015	0.021	0.467	-0.02 (-0.06, 0.03)	0.790	0.042	0.000	0.043	0.991	-4.82e-04 (-0.08, 0.08)	-0.001	0.688	-0.001	0.043	0.988	-6.39e-04 (-0.08, 0.0	-0.005	0.043	0.907	-0.01 (-0.09, 0.08)
11582_63	DNAJA2	DNJA2	226	0.013	0.019	0.468	0.01 (-0.02, 0.05)	0.790	0.103	0.036	0.040	0.369	0.04 (-0.04, 0.11)	-0.001	0.519	-0.012	0.030	0.699	-0.01 (-0.07, 0.05)	-0.019	0.043	0.654	-0.02 (-0.10, 0.07)
14149_9	IL36B	IL-1F8	226	0.014	0.019	0.468	0.01 (-0.02, 0.05)	0.790	0.171	0.000	0.040	0.995	2.41e-04 (-0.08, 0.08)	0.001	0.697	0.029	0.037	0.430	0.03 (-0.04, 0.10)	0.016	0.042	0.699	0.02 (-0.07, 0.10)
15323_112	AGO3	AGO3	226	0.013	0.018	0.468	0.01 (-0.02, 0.05)	0.790	0.550	0.008	0.036	0.818	0.01 (-0.06, 0.08)	0.000	0.881	0.000	0.031	1.000	0.00e+00 (-0.06, 0.0	0.004	0.037	0.912	4.09e-03 (-0.07, 0.08)
13735_1	RAP1GAP	RPGP1	226	0.014	0.019	0.469	0.01 (-0.02, 0.05)	0.791	0.724	0.009	0.039	0.828	0.01 (-0.07, 0.09)	0.000	0.870	-0.004	0.038	0.917	-3.97e-03 (-0.08, 0.0	0.006	0.043	0.887	0.01 (-0.08, 0.09)
2763_66	FGF20	FGF-20	226	-0.016	0.022	0.469	-0.02 (-0.06, 0.03)	0.791	3.72E-04	0.025	0.045	0.581	0.03 (-0.06, 0.11)	-0.003	0.294	-0.042	0.036	0.238	-0.04 (-0.11, 0.03)	-0.034	0.048	0.489	-0.03 (-0.13, 0.06)
3339_33	THBS2	TSP2	226	0.013	0.019	0.469	0.01 (-0.02, 0.05)	0.791	0.288	-0.011	0.038	0.783	-0.01 (-0.09, 0.06)	0.001	0.471	-0.012	0.039	0.769	-0.01 (-0.09, 0.07)	-0.003	0.041	0.943	-2.95e-03 (-0.08, 0.08)
9369_174	LRRC4C	NGL1	226	-0.013	0.018	0.469	-0.01 (-0.05, 0.02)	0.791	0.059	0.049	0.040	0.215	0.05 (-0.03, 0.13)	-0.004	0.070	0.007	0.033	0.829	0.01 (-0.06, 0.07)	0.021	0.042	0.612	0.02 (-0.06, 0.10)
13996_16	PPCDC	COAC	226	0.014	0.019	0.470	0.01 (-0.02, 0.05)	0.791	0.095	0.049	0.041	0.227	0.05 (-0.03, 0.13)	-0.002	0.315	0.031	0.040	0.435	0.03 (-0.05, 0.11)	0.032	0.037	0.395	0.03 (-0.04, 0.11)
3329_14	PGLYRP1	PGRP-S	226	-0.016	0.022	0.470	-0.02 (-0.06, 0.03)	0.792	0.011	-0.050	0.044	0.257	-0.05 (-0.14, 0.04)	0.002	0.371	0.009	0.041	0.835	0.01 (-0.07, 0.09)	-0.011	0.043	0.788	-0.01 (-0.09, 0.07)
14675_20	EIF4B	IF4B	226	0.013	0.018	0.470	0.01 (-0.02, 0.05)	0.792	0.582	0.018	0.037	0.636	0.02 (-0.06, 0.09)	0.000	0.894	-0.004	0.031	0.900	-3.85e-03 (-0.06, 0.0	-0.016	0.035	0.644	-0.02 (-0.09, 0.05)
18204_1	TCEA1	TCEA1	226	-0.015	0.020	0.470	-0.01 (-0.05, 0.02)	0.792	0.024	-0.010	0.041	0.803	-0.01 (-0.09, 0.07)	0.000	0.901	-0.052	0.038	0.175	-0.05 (-0.13, 0.02)	-0.049	0.042	0.244	-0.05 (-0.13, 0.03)
3045_72	PTN	PTN	226	-0.013	0.018	0.471	-0.01 (-0.05, 0.02)	0.792	0.003	0.010	0.037	0.778	0.01 (-0.06, 0.08)	-0.001	0.462	0.008	0.033	0.810	0.01 (-0.06, 0.07)	0.003	0.035	0.924	3.38e-03 (-0.07, 0.07)
3503_4	ITGA1	Integrin a1	226	-0.013	0.019	0.471	-0.01 (-0.05, 0.02)	0.792	0.053	-0.046	0.040	0.258	-0.05 (-0.12, 0.03)	0.002	0.357	-0.032	0.038	0.398	-0.03 (-0.11, 0.04)	-0.009	0.041	0.827	-0.01 (-0.09, 0.07)
5011_11	NAMPT	PBEF	226	0.014	0.019	0.471	0.01 (-0.02, 0.05)	0.792	0.250	-0.039	0.040	0.333	-0.04 (-0.12, 0.04)	0.003	0.130	-0.038	0.031	0.221	-0.04 (-0.10, 0.02)	-0.042	0.044	0.345	-0.04 (-0.13, 0.05)
9244_27	PPT1	PPT1	226	0.013	0.018	0.471	0.01 (-0.02, 0.05)	0.792	0.619	-0.037	0.035	0.296	-0.04 (-0.11, 0.03)	0.003	0.107	-0.018	0.029	0.538	-0.02 (-0.07, 0.04)	-0.029	0.039	0.459	-0.03 (-0.11, 0.05)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
17384_110	PFKM	K6PF	226	0.013	0.018	0.471	0.01 (-0.02, 0.05)	0.792	0.085	-0.025	0.038	0.521	-0.02 (-0.10, 0.05)	0.002	0.261	-0.002	0.037	0.964	-1.65e-03 (-0.07, 0.	-0.010	0.037	0.779	-0.01 (-0.08, 0.06)
11342_59	PLXDC2	PXDC2	226	0.013	0.018	0.472	0.01 (-0.02, 0.05)	0.793	0.305	0.008	0.038	0.822	0.01 (-0.07, 0.08)	0.000	0.887	0.006	0.032	0.840	0.01 (-0.06, 0.07)	0.003	0.040	0.941	2.96e-03 (-0.08, 0.08)
15455_40	ADAM15	ADA15	226	-0.014	0.019	0.472	-0.01 (-0.05, 0.02)	0.793	0.057	0.031	0.042	0.454	0.03 (-0.05, 0.11)	-0.003	0.213	0.004	0.035	0.903	4.31e-03 (-0.07, 0.0	-0.016	0.039	0.688	-0.02 (-0.09, 0.06)
11107_25	TENM3	TEN3	226	-0.014	0.020	0.472	-0.01 (-0.05, 0.02)	0.793	0.929	-0.030	0.039	0.454	-0.03 (-0.11, 0.05)	0.001	0.651	-0.022	0.039	0.567	-0.02 (-0.10, 0.05)	-0.013	0.041	0.756	-0.01 (-0.09, 0.07)
5762_35	SPAG11B	Sperm-ass	226	-0.015	0.021	0.472	-0.01 (-0.06, 0.03)	0.793	0.037	-0.005	0.042	0.897	-0.01 (-0.09, 0.08)	-0.001	0.794	0.024	0.037	0.516	0.02 (-0.05, 0.10)	0.004	0.042	0.931	3.58e-03 (-0.08, 0.09)
6493_9	CPZ	CBPZ	226	-0.014	0.019	0.472	-0.01 (-0.05, 0.02)	0.793	0.098	-0.060	0.042	0.152	-0.06 (-0.14, 0.02)	0.003	0.206	-0.090	0.034	0.009	-0.09 (-0.16, -0.02)	-0.088	0.040	0.030	-0.09 (-0.17, -0.01)
7139_14	SLITRK4	SLIK4	226	-0.014	0.019	0.472	-0.01 (-0.05, 0.02)	0.793	0.013	0.035	0.038	0.357	0.03 (-0.04, 0.11)	-0.003	0.142	0.017	0.032	0.593	0.02 (-0.05, 0.08)	0.003	0.036	0.929	3.23e-03 (-0.07, 0.07)
6929_10	ST8SIA3	SIA8C	226	-0.015	0.021	0.473	-0.02 (-0.06, 0.03)	0.793	0.031	0.025	0.042	0.561	0.02 (-0.06, 0.11)	-0.002	0.281	0.025	0.036	0.487	0.02 (-0.05, 0.10)	0.009	0.042	0.824	0.01 (-0.07, 0.09)
10001_7	RAF1	c-Raf	226	-0.013	0.018	0.474	-0.01 (-0.05, 0.02)	0.793	0.834	-0.047	0.037	0.207	-0.05 (-0.12, 0.03)	0.002	0.296	-0.041	0.036	0.259	-0.04 (-0.11, 0.03)	-0.028	0.037	0.449	-0.03 (-0.10, 0.04)
11178_21	SVEP1	SVEP1	226	-0.016	0.022	0.473	-0.02 (-0.06, 0.03)	0.793	1.83E-04	-0.022	0.044	0.614	-0.02 (-0.11, 0.06)	0.000	0.863	-0.004	0.036	0.920	-3.66e-03 (-0.07, 0.	-0.029	0.041	0.485	-0.03 (-0.11, 0.05)
11681_8	AGFG1	NUPL	226	-0.013	0.018	0.474	-0.01 (-0.05, 0.02)	0.793	0.870	-0.023	0.037	0.528	-0.02 (-0.09, 0.05)	0.001	0.750	-0.028	0.032	0.377	-0.03 (-0.09, 0.03)	-0.040	0.035	0.258	-0.04 (-0.11, 0.03)
12540_25	RHOG	RHOG	226	0.013	0.018	0.474	0.01 (-0.02, 0.05)	0.793	0.235	-0.030	0.038	0.428	-0.03 (-0.10, 0.04)	0.003	0.191	-0.013	0.032	0.694	-0.01 (-0.08, 0.05)	-0.008	0.041	0.855	-0.01 (-0.09, 0.07)
18183_3	LDLRAP1	ARH	226	-0.013	0.019	0.473	-0.01 (-0.05, 0.02)	0.793	0.913	-0.007	0.038	0.862	-0.01 (-0.08, 0.07)	0.000	0.834	-0.063	0.032	0.050	-0.06 (-0.13, 1.29e-	-0.048	0.041	0.241	-0.05 (-0.13, 0.03)
5701_81	CLEC3B	Tetranectin	226	-0.017	0.023	0.474	-0.02 (-0.06, 0.03)	0.793	3.39E-05	0.033	0.047	0.478	0.03 (-0.06, 0.12)	-0.003	0.220	-0.012	0.034	0.726	-0.01 (-0.08, 0.06)	-0.018	0.041	0.655	-0.02 (-0.10, 0.06)
5731_1	SPINK6	ISK6	226	-0.015	0.021	0.474	-0.02 (-0.06, 0.03)	0.793	0.037	-0.033	0.043	0.446	-0.03 (-0.12, 0.05)	0.001	0.639	-0.035	0.038	0.356	-0.04 (-0.11, 0.04)	-0.002	0.041	0.969	-1.59e-03 (-0.08, 0.08)
9173_21	PGM1	PGM1	226	0.014	0.019	0.473	0.01 (-0.02, 0.05)	0.793	0.640	-0.005	0.039	0.897	-0.01 (-0.08, 0.07)	0.001	0.576	0.038	0.032	0.239	0.04 (-0.03, 0.10)	0.046	0.042	0.282	0.05 (-0.04, 0.13)
7648_9	MYBPC1	MYPC1	226	0.015	0.021	0.474	0.02 (-0.03, 0.06)	0.793	0.002	0.039	0.043	0.362	0.04 (-0.04, 0.12)	-0.001	0.521	0.027	0.038	0.472	0.03 (-0.05, 0.10)	0.010	0.041	0.815	0.01 (-0.07, 0.09)
6556_5	ENPP5	ENPP5	226	-0.014	0.020	0.474	-0.01 (-0.05, 0.02)	0.793	0.036	0.038	0.039	0.333	0.04 (-0.04, 0.11)	-0.003	0.128	-0.001	0.030	0.984	-6.17e-04 (-0.06, 0.	0.038	0.044	0.383	0.04 (-0.05, 0.12)
2614_28	EFNA4	Ephrin-A4	226	-0.013	0.018	0.475	-0.01 (-0.05, 0.02)	0.794	0.569	-0.010	0.037	0.799	-0.01 (-0.08, 0.06)	0.000	0.909	-0.012	0.039	0.755	-0.01 (-0.09, 0.06)	-0.011	0.036	0.762	-0.01 (-0.08, 0.06)
3148_49	CXCL2	Gro-b/g	226	-0.014	0.020	0.475	-0.01 (-0.05, 0.02)	0.794	0.027	-0.006	0.040	0.876	-0.01 (-0.09, 0.07)	0.000	0.819	-0.025	0.034	0.448	-0.03 (-0.09, 0.04)	-0.027	0.039	0.493	-0.03 (-0.10, 0.05)
3285_23	C1R	C1r	226	-0.015	0.021	0.475	-0.02 (-0.06, 0.03)	0.794	0.041	-0.008	0.043	0.856	-0.01 (-0.09, 0.08)	0.000	0.843	-0.022	0.042	0.597	-0.02 (-0.10, 0.06)	-0.025	0.040	0.526	-0.03 (-0.10, 0.05)
10435_2	AGA	ASPG	226	0.013	0.019	0.476	0.01 (-0.02, 0.05)	0.795	0.402	0.007	0.038	0.848	0.01 (-0.07, 0.08)	0.000	0.856	0.034	0.037	0.352	0.03 (-0.04, 0.11)	0.014	0.041	0.735	0.01 (-0.07, 0.09)
12692_56	DOT1L	DOT1L	226	0.014	0.020	0.476	0.01 (-0.02, 0.05)	0.795	0.294	0.000	0.040	0.995	2.77e-04 (-0.08, 0.08)	0.001	0.698	-0.003	0.039	0.940	-2.95e-03 (-0.08, 0.	0.018	0.043	0.676	0.02 (-0.07, 0.10)
11187_11	CLEC12A	CL12A	226	-0.014	0.019	0.477	-0.01 (-0.05, 0.02)	0.795	0.523	0.001	0.039	0.983	8.28e-04 (-0.08, 0.08)	-0.001	0.667	-0.007	0.041	0.857	-0.01 (-0.09, 0.07)	-0.036	0.040	0.375	-0.04 (-0.12, 0.04)
13992_12	NSF	NSF	226	0.013	0.018	0.477	0.01 (-0.02, 0.05)	0.795	0.551	-0.012	0.036	0.726	-0.01 (-0.08, 0.06)	0.002	0.418	-0.035	0.032	0.277	-0.03 (-0.10, 0.03)	-0.035	0.035	0.314	-0.04 (-0.10, 0.03)
8807_13	SNX1	SNX1	226	0.014	0.019	0.477	0.01 (-0.02, 0.05)	0.795	0.539	0.005	0.039	0.904	4.73e-03 (-0.07, 0.08)	0.001	0.789	0.056	0.037	0.134	0.06 (-0.02, 0.13)	0.065	0.043	0.129	0.07 (-0.02, 0.15)
3291_30	FCER2	CD23	226	-0.015	0.022	0.477	-0.02 (-0.06, 0.03)	0.795	0.009	-0.050	0.044	0.251	-0.05 (-0.14, 0.04)	0.002	0.358	-0.029	0.041	0.479	-0.03 (-0.11, 0.05)	-0.006	0.042	0.889	-0.01 (-0.09, 0.08)
10754_113	PROK2	Prokineticin	226	0.014	0.019	0.480	0.01 (-0.02, 0.05)	0.795	0.085	-0.062	0.041	0.132	-0.06 (-0.14, 0.02)	0.005	0.035	-0.035	0.036	0.332	-0.03 (-0.11, 0.04)	-0.050	0.041	0.224	-0.05 (-0.13, 0.03)
11196_31	COL6A3	Collagen al	226	-0.015	0.022	0.481	-0.02 (-0.06, 0.03)	0.795	0.001	-0.073	0.044	0.094	-0.07 (-0.16, 0.01)	0.004	0.127	-0.024	0.041	0.553	-0.02 (-0.10, 0.06)	-0.033	0.042	0.424	-0.03 (-0.12, 0.05)
12641_3	INPP5B	I5P2	226	0.013	0.018	0.481	0.01 (-0.02, 0.05)	0.795	0.465	0.022	0.037	0.549	0.02 (-0.05, 0.09)	-0.001	0.771	-0.011	0.034	0.746	-0.01 (-0.08, 0.06)	-0.005	0.042	0.903	-0.01 (-0.09, 0.08)
12713_365	RGS19	RGS19	226	0.014	0.020	0.479	0.01 (-0.02, 0.05)	0.795	0.170	-0.025	0.041	0.537	-0.03 (-0.11, 0.06)	0.002	0.273	0.026	0.041	0.515	0.03 (-0.05, 0.11)	-0.001	0.037	0.978	-1.02e-03 (-0.07, 0.07)
12735_39	CSDE1	CSDE1	226	0.013	0.019	0.482	0.01 (-0.02, 0.05)	0.795	0.625	0.012	0.038	0.753	0.01 (-0.06, 0.09)	0.000	0.968	-0.016	0.032	0.624	-0.02 (-0.08, 0.05)	-0.045	0.041	0.277	-0.04 (-0.13, 0.04)
13671_40	ELANE	Elastase	226	-0.014	0.019	0.481	-0.01 (-0.05, 0.02)	0.795	0.205	-0.045	0.041	0.268	-0.05 (-0.12, 0.03)	0.002	0.375	-0.050	0.039	0.204	-0.05 (-0.13, 0.03)	-0.052	0.038	0.170	-0.05 (-0.13, 0.02)
13728_19	ERP29	ERP29	226	0.012	0.018	0.478	0.01 (-0.02, 0.05)	0.795	0.578	-0.010	0.035	0.770	-0.01 (-0.08, 0.06)	0.001	0.459	-0.026	0.031	0.415	-0.03 (-0.09, 0.04)	-0.019	0.037	0.600	-0.02 (-0.09, 0.05)
14021_81	MED4	MED4	226	-0.014	0.020	0.479	-0.01 (-0.05, 0.02)	0.795	0.494	0.004	0.039	0.921	3.90e-03 (-0.07, 0.08)	-0.001	0.604	-0.017	0.039	0.672	-0.02 (-0.09, 0.06)	-0.002	0.037	0.947	-2.47e-03 (-0.08, 0.07)
14287_6	RAB5C	RAB5C	226	-0.013	0.019	0.479	-0.01 (-0.05, 0.02)	0.795	0.897	-0.008	0.038	0.836	-0.01 (-0.08, 0.07)	0.000	0.869	-0.045	0.034	0.185	-0.04 (-0.11, 0.02)	-0.040	0.039	0.312	-0.04 (-0.12, 0.04)
14324_52	SMC3	CSPG6	226	0.014	0.020	0.479	0.01 (-0.02, 0.05)	0.795	0.008	0.011	0.040	0.782	0.01 (-0.07, 0.09)	0.000	0.933	-0.027	0.034	0.431	-0.03 (-0.09, 0.04)	-0.016	0.043	0.710	-0.02 (-0.10, 0.07)
16304_6	LGR4	LGR4	226	-0.014	0.019	0.480	-0.01 (-0.05, 0.02)	0.795	0.695	-0.020	0.039	0.600	-0.02 (-0.10, 0.06)	0.000	0.841	-0.042	0.038	0.271	-0.04 (-0.12, 0.03)	-0.040	0.041	0.322	-0.04 (-0.12, 0.04)
16810_3	GDI1	RhoGDI	226	-0.013	0.018	0.481	-0.01 (-0.05, 0.02)	0.795	0.579	-0.039	0.037	0.293	-0.04 (-0.11, 0.03)	0.002	0.419	-0.063	0.032	0.046	-0.06 (-0.13, -1.02e-	-0.067	0.039	0.090	-0.07 (-0.14, 0.01)
16865_62	TAF15	RBP56	226	0.013	0.018	0.478	0.01 (-0.02, 0.05)	0.795	0.542	-0.007	0.036	0.851	-0.01 (-0.08, 0.06)	0.001	0.534	-0.019	0.033	0.563	-0.02 (-0.08, 0.05)	-0.028	0.040	0.487	-0.03 (-0.11, 0.05)
18174_79	PDCD6IP	PDC6I	226	0.012	0.017	0.481	0.01 (-0.02, 0.05)	0.795	0.608	-0.005	0.035	0.876	-0.01 (-0.07, 0.06)	0.001	0.560	-0.036	0.033	0.277	-0.04 (-0.10, 0.03)	-0.037	0.039	0.338	-0.04 (-0.11, 0.04)
19262_219	ACADVL	ACADV	226	0.013	0.018	0.478	0.01 (-0.02, 0.05)	0.795	0.209	-0.012	0.038	0.758	-0.01 (-0.09, 0.06)	0.002	0.456	-0.022	0.029	0.445	-0.02 (-0.08, 0.03)	-0.053	0.038	0.161	-0.05 (-0.13, 0.02)
2966_65	CLEC11A	SCGF-beta	226	-0.015	0.021	0.481	-0.01 (-0.06, 0.03)	0.795	0.019	-0.037	0.042	0.376	-0.04 (-0.12, 0.05)	0.001	0.537	-0.050	0.031	0.112	-0.05 (-0.11, 0.01)	-0.067	0.040	0.097	-0.07 (-0.14, 0.01)
2993_1	IL18RAP	IL-18 Rb	226	0.013	0.019	0.482	0.01 (-0.02, 0.05)	0.795	0.250	0.021	0.039	0.599	0.02 (-0.06, 0.10)	0.000	0.828	-0.009	0.035	0.787	-0.01 (-0.08, 0.06)	-0.009	0.042	0.828	-0.01 (-0.09, 0.07)
3067_67	GDF9	GDF-9	226	0.014	0.020	0.481	0.01 (-0.02, 0.05)	0.795	0.025	0.011	0.040	0.780	0.01 (-0.07, 0.09)	0.000	0.937	-0.042	0.031	0.181	-0.04 (-0.10, 0.02)	-0.047	0.040	0.240	-0.05 (-0.13, 0.03)
3647_49	TLR4	TLR4:MD-2	226	-0.015	0.021	0.480	-0.01 (-0.06, 0.03)	0.795	0.003	0.052	0.042	0.221	0.05 (-0.03, 0.14)	-0.004	0.070	0.013	0.031	0.671	0.01 (-0.05, 0.07)	0.024	0.041	0.550	0.02 (-0.06, 0.10)
5087_5	IL22RA2	IL-22BP	226	-0.014	0.020	0.481	-0.01 (-0.05, 0.03)	0.795	0.044	-0.007	0.041	0.863	-0.01 (-0.09, 0.07)	0.000	0.839	0.020	0.037	0.593	0.02 (-0.05, 0.09)	0.018	0.039	0.650	0.02 (-0.06, 0.09)
5682_13	VASN	VASN	226	-0.018	0.026	0.478	-0.02 (-0.07, 0.03)	0.795	1.94E-12	-0.001	0.052	0.981	-1.23e-03 (-0.10, 0.10)	-0.001	0.706	-0.023	0.033	0.492	-0.02 (-0.09, 0.04)	-0.013	0.043	0.754	-0.01 (-0.10, 0.07)
5739_75	KRTDAP	KTDAP	226	0.014	0.020	0.481	0.01 (-0.02, 0.05)	0.795	0.468	-0.005	0.039	0.900	-4.95e-03 (-0.08, 0.07)	0.001	0.586	-0.031	0.038	0.406	-0.03 (-0.11, 0.04)	-0.032	0.041	0.443	-0.03 (-0.11, 0.05)
7148_42	FAM173A	F173A	226	-0.014	0.019	0.481	-0.01 (-0.05, 0.02)	0.795	0.156	0.023	0.041	0.578	0.02 (-0.06, 0.10)	-0.002	0.306	-0.001	0.034	0.979	-8.99e-04 (-0.07, 0.	-0.004	0.043	0.933	-3.57e-03 (-0.09, 0.08)
7886_26	SPTLC1	SPTC1	226	-0.013	0.019	0.481	-0.01 (-0.05, 0.02)	0.795	0.535	-0.014	0.038	0.720	-0.01 (-0.09, 0.06)	0.000	0.992	-0.035	0.033	0.290	-0.03 (-0.10, 0.03)	-0.072	0.043	0.094	-0.07 (-0.16, 0.01)
8268_98	HS3ST3A1	HS3SA	226	0.013	0.018	0.482	0.01 (-0.02, 0.05)	0.795	0.059	0.016	0.040	0.696	0.02 (-0.06, 0.09)	0.000	0.938	-0.007	0.037	0.841	-0.01 (-0.08, 0.07)	0.002	0.036	0.953	2.16e-03 (-0.07, 0.07)
8380_244	DLK1	DLK1	226	0.015	0.022	0.482	0.02 (-0.03, 0.06)	0.795	0.007	-0.020	0.044	0.653	-0.02 (-0.11, 0.07)	0.002	0.358	0.026	0.039	0.502	0.03 (-0.05, 0.10)	0.019	0.038	0.615	0.02 (-0.06, 0.09)
9444_70	DGCR6	DGCR6	226	0.014	0.019	0.478	0.01 (-0.02, 0.05)	0.795	0.096	0.024	0.041	0.569	0.02 (-0.06, 0.11)	-0.001	0.783	0.069	0.036	0.053	0.07 (-8.16e-04, 0.1	0.071	0.045	0.120	0.07 (-0.02, 0.16)
16558_2	MYOC	MYOC	226	-0.013	0.018	0.483	-0.01 (-0.05, 0.02)	0.797	0.124	-0.014	0.039	0.724	-0.01 (-0.09, 0.06)	0.000	0.978	-0.010	0.036	0.778	-0.01 (-0.08, 0.06)	-0.028	0.038	0.466	-0.03 (-0.10, 0.05)
4476_22	ZAP70	ZAP70	226	0.013	0.019	0.483	0.01 (-0.02, 0.05)	0.797	0.285	-0.051	0.039	0.195	-0.05 (-0.13, 0.03)	0.004	0.060	-0.011	0.040	0.775	-0.01 (-0.09, 0.07)	-0.016	0.041	0.696	-0.02 (-0.10, 0.06)
7140_1	CELA2A	ELA2A	226	0.017	0.024	0.483	0.02 (-0.03, 0.06)	0.797	3.02E-06	0.177	0.046	1.49E-04	0.18 (0.09, 0.27)	-0.010	7.63E-05	0.104	0.036	0.004	0.10 (0.03, 0.17)	0.090	0.040	0.027	0.09 (0.01, 0.17)
2516_57	CCL21	6Ckine	226	-0.016	0.023	0.483	-0.02 (-0.06, 0.03)	0.797	5.24E-05	-0.127	0.045	0.005	-0.13 (-0.21, -0.04)	0.007	0.004	-0.059	0.035	0.096	-0.06 (-0.13, 0.01)	-0.069	0.041	0.090	-0.07 (-0.15, 0.01)
9863_1	TPM4	Tropomyosi	226	0.013	0.019	0.483	0.01 (-0.02, 0.05)	0.797	0.950	0.026	0.039	0.506	0.03 (-0.05, 0.10)	-0.001	0.714	0.033	0.036	0.350	0.03 (-0.04, 0.10)	0.022	0.037	0.548	0.02 (-0.05, 0.10)
10895_28	TMPRSS11	TM11B	226	-0.014	0.020	0.484	-0.01 (-0.05, 0.02)	0.797	0.853	-0.028	0.039	0.481	-0.03 (-0.10, 0.05)	0.001	0.681	-0.047	0.040	0.244	-0.05 (-0.13, 0.03)	-0.038	0.041	0.358	-0.04 (-0.12, 0.04)
3074_6	LBP	LBP	226	-0.015	0.021	0.484	-0.01 (-0.06, 0.03)	0.798	0.046	0.004	0.042	0.927	3.87e-03 (-0.08, 0.09)	-0.001	0.614	-0.003	0.040	0.950	-2.52e-03 (-0.08, 0.	-0.014	0.039	0.723	-0.01 (-0.09, 0.06)
7887_57	COX5B	COX5B	226	-0.014	0.020	0.484	-0.01 (-0.05, 0.02)	0.798	0.461	0.004	0.040	0.912	4.36e-03 (-0.07, 0.08)	-0.001	0.600	-0.025	0.043	0.559	-0.03 (-0.11, 0.06)	-0.050	0.043	0.252	-0.05 (-0.14, 0.04)
10361_25	OAS1	OAS1	226	-0.013	0.019	0.485	-0.01 (-0.05, 0.02)	0.798	0.285	0.013	0.038	0.741	0.01 (-0.06, 0.09)	-0.002	0.442	-0.044	0.031	0.159	-0.04 (-0.10, 0.02)	-0.034	0.038	0.372	-0.03 (-0.11, 0.04)
11543_84	LIMA1	LIMA1	226	0.013	0.019	0.485	0.01 (-0.02, 0.05)	0.798	0.309	-0.010	0.039	0.808	-0.01 (-0.09, 0.07)	0.001	0.503	-0.013	0.037	0.736	-0.01 (-0.09, 0.06)	0.001	0.041	0.979	1.09e-03 (-0.08, 0.08)
16292_288	GIP	GIP	226	0.014	0.019	0.485	0.01 (-0.02, 0.05)	0.798	0.146	0.030	0.041	0.462	0.03 (-0.05, 0.11)	-0.001	0.640	0.007	0.041	0.872	0.01 (-0.07, 0.09)	-0.005	0.041	0.901	-0.01 (-0.09, 0.07)
12398_15	PAX4	PAX4	226	0.015	0.021	0.485	0.01 (-0.03, 0.06)	0.798	0.031	0.022	0.042	0.599	0.02 (-0.06, 0.10)	0.000	0.835	0.034	0.040	0.406	0.03 (-0.05, 0.11)	0.021	0.039	0.589	0.02 (-0.06, 0.10)
16309_30	DKKL1	Soggy-1	226	0.013	0.019	0.486	0.01 (-0.02, 0.05)	0.798	0.069	-0.001	0.041	0.971	-1.48e-03 (-0.08, 0.08)	0.001	0.679	0.055	0.032	0.084	0.05 (-0.01, 0.12)	0.053	0.041	0.199	0.05 (-0.03, 0.13)
4271_75	PFDN5	PFD5	226	-0.013	0.019	0.486	-0.01 (-0.05, 0.02)	0.798	0.321	-0.036	0.040	0.366	-0.04 (-0.11, 0.04)	0.001	0.515	-0.041	0.033	0.205	-0.04 (-0.11, 0.02)	-0.058	0.040	0.147	-0.06 (-0.14, 0.02)
12626_6	SENP7	SENP7	226	-0.013	0.019	0.487	-0.01 (-0.05, 0.02)	0.799	0.096	0.006	0.042	0.893	0.01 (-0.08, 0.09)	-0.001	0.596	-0.034	0.039	0.391	-0.03 (-0.11, 0.04)	-0.004	0.044	0.929	-3.91e-03 (-0.09, 0.08)
13486_9	PKD2	PKD2	226	-0.013	0.019	0.486	-0.01 (-0.05, 0.02)	0.799	0.452	-0.052	0.039	0.180	-0.05 (-0.13, 0.02)	0.002	0.250	-0.055	0.037	0.135	-0.06 (-0.13, 0.02)	-0.050	0.041	0.226	-0.05 (-0.13, 0.03)
3152_57	TNFRSF1B	TNF sR-II	226	-0.016	0.023	0.487	-0.02 (-0.06, 0.03)	0.799	4.17E-04	-0.073	0.045	0.107	-0.07 (-0.16, 0.02)	0.004	0.144	-0.077	0.036	0.034	-0.08 (-0.15, -0.01)	-0.071	0.041	0.083	-0.07 (-0.15, 0.01)
6168_11	TP53	p53 R175H	226	-0.015	0.022	0.486	-0.02 (-0.06, 0.03)	0.799	0.006	-0.013	0.044	0.769	-0.01 (-0.10, 0.07)	0.000	0.953	0.011	0.039	0.774	0.01 (-0.07, 0.09)	0.000	0.042	0.999	5.64e-05 (-0.08, 0.08)
9747_48	MARK3	MARK3	226	-0.013	0.019	0.486	-0.01 (-0.05, 0.02)	0.799	0.593	-0.009	0.038	0.807	-0.01 (-0.08, 0.06)	0.000	0.907	-0.002	0.037	0.950	-2.30e-03 (-0.07, 0.	-0.018	0.038	0.635	-0.02 (-0.09, 0.06)
12394_53	C16orf54	CP054	226	-0.014	0.020	0.487	-0.01 (-0.05, 0.02)	0.799	0.149	0.028	0.041	0.493	0.03 (-0.05, 0.11)	-0.003	0.243	-0.025	0.043	0.565	-0.02 (-0.11, 0.06)	-0.023	0.043	0.594	-0.02 (-0.11, 0.06)
13475_10	UBE2D4	UB2D4	226	-0.013	0.019	0.488	-0.01 (-0.05, 0.02)	0.799	0.650	0.007	0.038	0.853	0.01 (-0.07, 0.08)	-0.001	0.542	-0.014	0.040	0.720	-0.01 (-0.09, 0.06)	-0.019	0.038	0.614	-0.02 (-0.09, 0.05)
17512_2	NMI	NMI	226	0.013	0.018	0.487	0.01 (-0.02, 0.05)	0.799	0.554	-0.002	0.037	0.950	-2.32e-03 (-0.08, 0.07)	0.001	0.640	-0.017	0.030	0.574	-0.02 (-0.08, 0.04)	-0.032	0.041	0.435	-0.03 (-0.11, 0.05)
17757_86	CAB39	CAB39	226	0.012	0.017	0.488	0.01 (-0.02, 0.05)	0.799	0.547	-0.010	0.035	0.774	-0.01 (-0.08, 0.06)	0.001	0.467	-0.048	0.030	0.108	-0.05 (-0.11, 0.01)	-0.055	0.037	0.142	-0.06 (-0.13, 0.02)
9843_5	ACTN1	ACTN1	226	0.012	0.018	0.488	0.01 (-0.02, 0.05)	0.799	0.711	-0.010	0.035	0.782	-0.01 (-0.08, 0.06)	0.001	0.474	-0.041	0.030	0.168	-0.04 (-0.10, 0.02)	-0.033	0.041	0.427	-0.03 (-0.11, 0.05)
13652_2	TOM1L1	TM1L1	226	0.016	0.023	0.488	0.02 (-0.03, 0.06)	0.799	1.27E-06	0.028	0.046	0.538	0.03 (-0.06, 0.12)	-0.001	0.753	0.049	0.039	0.201	0.05 (-0.03, 0.13)	0.040	0.041	0.328	0.04 (-0.04, 0.12)
14082_56	TLN2	TLN2	226	-0.013	0.018	0.488	-0.01 (-0.05, 0.02)	0.799	0.267	-0.011	0.038	0.762	-0.01 (-0.09, 0.06)	0.000	0.972	-0.024	0.037	0.518	-0.02 (-0.10, 0.05)	-0.020	0.037	0.584	-0.02 (-0.09, 0.05)
7156_2	FUT10	FUT10	226	0.016	0.023	0.488	0.02 (-0.03, 0.06)	0.799	3.00E-07	0.066	0.046	0.157	0.07 (-0.03, 0.16)	-0.003	0.216	0.034	0.032	0.290	0.03 (-0.03, 0.10)	0.035	0.038	0.362	0.03 (-0.04, 0.11)
15619_49	MOG	MOG	226	-0.015	0.021	0.489	-0.01 (-0.06, 0.03)	0.800	0.014	0.003	0.043	0.940	3.26e-03 (-0.08, 0.09)	-0.001	0.631	-0.017	0.041	0.683	-0.02 (-0.10, 0.06)	-0.031	0.041	0.456	-0.03 (-0.11, 0.05)
18179_56	SMS	SPSY	226	-0.013	0.019	0.489	-0.01 (-0.05, 0.02)	0.800	0.051	0.022	0.041	0.589	0.02 (-0.06, 0.10)	-0.002	0.323	0.018	0.038	0.638	0.02 (-0.06, 0.09)	0.037	0.040	0.350	0.04 (-0.04, 0.11)
6530_63	PROL1	PROL1	226	-0.013	0.019	0.489	-0.01 (-0.05, 0.02)	0.800	0.857	-0.012	0.039	0.756	-0.01 (-0.09, 0.06)	0.000	0.970	-0.015	0.041	0.704	-0.02 (-0.09, 0.06)	-0.025	0.041	0.534	-0.03 (-0.10, 0.05)
3170_6	METAP2	AMPM2	226	0.013	0.018	0.491	0.01 (-0.02, 0.05)	0.802	0.891	-0.016	0.037	0.663	-0.02 (-0.09, 0.06)	0.002	0.371	-0.008	0.030	0.790	-0.01 (-0.07, 0.05)	-0.030	0.039	0.442	-0.03 (-0.11, 0.05)
14006_36	GNMT	GNMT	226	0.015	0.021	0.491	0.01 (-0.03, 0.06)	0.802	0.030	0.111	0.042	0.009	0.11 (0.03, 0.19)	-0.006	0.010	0.034	0.032	0.289	0.03 (-0.03, 0.10)	0.063	0.042	0.137	0.06 (-0.02, 0.14)
18338_26	IDH1	IDH	226	0.012	0.017	0.491	0.01 (-0.02, 0.05)	0.802	0.795	-0.023	0.035	0.505	-0.02 (-0.09, 0.04)	0.002	0.246	-0.031	0.030	0.299	-0.03 (-0.09, 0.03)	-0.019	0.038	0.609	-0.02 (-0.09, 0.05)
9568_289	FCAMR	FCAMR	226	0.013	0.019	0.491	0.01 (-0.02, 0.05)	0.802	0.278	0.007	0.039	0.863	0.01 (-0.07, 0.08)	0.000	0.855	-0.008	0.029	0.788	-0.01 (-0.07, 0.05)	-0.028	0.038	0.454	-0.03 (-0.10, 0.05)
15588_17	GLA	galactosida	226	0.013	0.019	0.492	0.01 (-0.02, 0.05)	0.803	0.351	0.015	0.039	0.697	0.02 (-0.06, 0.09)	0.000	0.950	-0.012	0.035	0.731	-0.01 (-0.08, 0.06)	-0.017	0.040	0.673	-0.02 (-0.10, 0.06)
3178_5	CTSC	CATC	226	-0.013	0.019	0.492	-0.01 (-0.05, 0.02)	0.803	0.765	-0.022	0.039	0.577	-0.02 (-0.10, 0.05)	0.001	0.803	0.029	0.037	0.439	0.03 (-0.04, 0.10)	0.023	0.043	0.599	0.02 (-0.06, 0.11)
7737_76	ITGB6	ITB6	226	0.013	0.020	0.492	0.01 (-0.02, 0.05)	0.803	0.062	-0.005	0.042	0.898	-0.01 (-0.09, 0.08)	0.001	0.608	0.024	0.039	0.541	0.02 (-0.05, 0.10)	0.016	0.043	0.714	0.02 (-0.07, 0.10)
9398_30	GALP	GALP	226	0.013	0.019	0.492	0.01 (-0.02, 0.05)	0.803	0.645	-0.008	0.039	0.831	-0.01 (-0.09, 0.07)	0.001	0.523	-0.021	0.033	0.524	-0.02 (-0.09, 0.04)	-0.019	0.041	0.647	-0.02 (-0.10, 0.06)
16317_20	DSG3	Desmoglein	226	0.014	0.020	0.492	0.01 (-0.03, 0.05)	0.803	0.035	-0.014	0.040	0.720	-0.01 (-0.09, 0.06)	0.002	0.421	-0.006	0.039	0.870	-0.01 (-0.08, 0.07)	-0.011	0.041	0.795	-0.01 (-0.09, 0.07)
17672_184	GIF	Gastric intri	226	-0.017	0.024	0.493	-0.02 (-0.06, 0.03)	0.804	2.17E-08	0.046	0.049	0.343	0.05 (-0.05, 0.14)	-0.004	0.138	0.000	0.040	0.998	9.11e-05 (-0.08, 0.0	0.008	0.043	0.850	0.01 (-0.08, 0.09)
10048_7	CBFB	PEBB	226	-0.013	0.019	0.494	-0.01 (-0.05, 0.02)	0.805	0.274	0.023	0.040	0.571	0.02 (-0.06, 0.10)	-0.002	0.302	0.020	0.039	0.608	0.02 (-0.06, 0.10)	-0.003	0.043	0.940	-3.22e-03 (-0.09, 0.08)
17677_47	CD160	BY55	226	0.013	0.020	0.495	0.01 (-0.02, 0.05)	0.805	0.497	0.014	0.039	0.721	0.01 (-0.06, 0.09)	0.000	0.982	-0.011	0.037	0.768	-0.01 (-0.08, 0.06)	-0.007	0.040	0.866	-0.01 (-0.09, 0.07)
19366_8	PEX26	PEX26	226	0.013	0.020	0.494	0.01 (-0.02, 0.05)	0.805	0.099	-0.026	0.042	0.536	-0.03 (-0.11, 0.06)	0.002	0.280	-0.018	0.033	0.590	-0.02 (-0.08, 0.05)	-0.027	0.039	0.484	-0.03 (-0.10, 0.05)
19615_213	NT5C3A	5NT3	226	-0.013	0.018	0.494	-0.01 (-0.05, 0.02)	0.805	0.313	0.003	0.038	0.930	3.32e-03 (-0.07, 0.08)	-0.001	0.629	0.001	0.038	0.978	1.05e-03 (-0.07, 0.0	0.008	0.039	0.841	0.01 (-0.07, 0.08)
4707_50	YWHAH	2014/3/3	226	0.013	0.019	0.494	0.01 (-0.02, 0.05)	0.805	0.669	-0.006	0.038	0.873	-0.01 (-0.08, 0.07)	0.001	0.566	-0.014	0.032	0.670	-0.01 (-0.08, 0.05)	-0.021	0.040	0.597	-0.02 (-0.10, 0.06)
8842_16	GRAMD1C	GRM1C	226	-0.013	0.020	0.495	-0.01 (-0.05, 0.02)	0.805	0.420	0.069	0.039	0.081	0.07 (-0.01, 0.15)	-0.005	0.017	0.025	0.039	0.521	0.02 (-0.05, 0.10)	0.018	0.040	0.656	0.02 (-0.06, 0.10)
13644_30	HGS	HGS	226	-0.012	0.018	0.495	-0.01 (-0.05, 0.02)	0.805	0.745	-0.040	0.037	0.276	-0.04 (-0.11, 0.03)	0.002	0.387	-0.039	0.036	0.281	-0.04 (-0.11, 0.03)	-0.032	0.035	0.355	-0.03 (-0.10, 0.04)
9229_9	CTRL	CTRL	226	0.015	0.022	0.495	0.01 (-0.03, 0.06)	0.805	0.003	-0.045	0.044	0.303	-0.05 (-0.13, 0.04)	0.004	0.115	-0.031	0.039	0.425	-0.03 (-0.11, 0.04)	-0.037	0.042	0.383	-0.04 (-0.12, 0.05)
10945_11	STX6	Syntaxin-6	226	-0.013	0.019	0.496	-0.01 (-0.05, 0.02)	0.805	0.712	-0.054	0.038	0.163	-0.05 (-0.13, 0.02)	0.003	0.223	-0.037	0.036	0.303	-0.04 (-0.11, 0.03)	-0.032	0.041	0.433	-0.03 (-0.11, 0.05)
14146_92	HIST1H3A	H31	226	-0.013	0.019	0.496	-0.01 (-0.05, 0.02)	0.805	0.206	0.030	0.040	0.454	0.03 (-0.05, 0.11)	-0.003	0.216	0.005	0.039	0.895	0.01 (-0.07, 0.08)	-0.010	0.041	0.815	-0.01 (-0.09, 0.07)
16854_17	LSM4	LSM4	226	0.014	0.021	0.497	0.01 (-0.03, 0.06)	0.805	0.036	-0.041	0.042	0.333	-0.04 (-0.12, 0.04)	0.003	0.133	0.018	0.039	0.644	0.02 (-0.06, 0.09)	-0.009	0.043	0.842	-0.01 (-0.09, 0.08)
17441_4	ALPI	Alkaline ph	226	-0.035	0.051	0.496	-0.03 (-0.13, 0.07)	0.805	2.29E-198	-0.038	0.103	0.710	-0.04 (-0.24, 0.16)	0.000	0.968	0.019	0.040	0.631	0.02 (-0.06, 0.10)	0.004	0.040	0.929	3.55e-03 (-0.07, 0.08)
2447_7	PLA2G2E	GIIE	226	-0.013	0.019	0.496	-0.01 (-0.05, 0.02)	0.805	0.356	0.001	0.040	0.976	1.20e-03 (-0.08, 0.08)	-0.001	0.677	0.006	0.036	0.867	0.01 (-0.07, 0.08)	0.000	0.039	0.996	-1.85e-04 (-0.08, 0.08)
3474_19	THBS1	Thrombosp	226	0.012	0.018	0.496	0.01 (-0.02, 0.05)	0.805	0.382	-0.024	0.036	0.511	-0.02 (-0.09, 0.05)	0.002	0.254	-0.014	0.034	0.683	-0.01 (-0.08, 0.05)	0.001	0.038	0.979	9.88e-04 (-0.07, 0.08)
3866_7	SBDS	SBDS	226	0.012	0.018	0.496	0.01 (-0.02, 0.05)	0.805	0.928	0.004	0.036	0.919	3.74e-03 (-0.07, 0.08)	0.001	0.786	-0.008	0.030	0.798	-0.01 (-0.07, 0.05)	-0.028	0.038	0.456	-0.03 (-0.10, 0.05)
13597_20	RAB31	RAB31	226	0.012	0.018	0.498	0.01 (-0.02, 0.05)	0.807	0.177	0.014	0.038	0.704	0.01 (-0.06, 0.09)	0.000	0.946	-0.007	0.034	0.843	-0.01 (-0.07, 0.06)	-0.002	0.038	0.949	-2.41e-03 (-0.08, 0.07)
5229_90	IMPDH1	IMDH1	226	0.014	0.021	0.498	0.01 (-0.03, 0.06)	0.807	0.014	0.004	0.042	0.934	3.51e-03 (-0.08, 0.09)	0.001	0.771	-0.031	0.036	0.394	-0.03 (-0.10, 0.04)	-0.044	0.043	0.310	-0.04 (-0.13, 0.04)
16853_5	NRK1	NRK1	226	0.013	0.019	0.498	0.01 (-0.02, 0.05)	0.807	0.295	0.017	0.040	0.672	0.02 (-0.06, 0.09)	0.000	0.912	0.021	0.038	0.586	0.02 (-0.05, 0.09)	0.019	0.040	0.628	0.02 (-0.06, 0.10)
6226_69	EFHA1	EFHA1	226	0.012	0.018	0.498	0.01 (-0.02, 0.05)	0.807	0.759	-0.023	0.036	0.536	-0.02 (-0.09, 0.05)	0.002	0.272	-0.007	0.030	0.824	-0.01 (-0.07, 0.05)	-0.028	0.038	0.459	-0.03 (-0.10, 0.05)
6604_59	NDNF	CD031	226	0.013	0.019	0.499	0.01 (-0.02, 0.05)	0.808	0.328	-0.046	0.039	0.240	-0.05 (-0.12, 0.03)	0.004	0.084	-0.030	0.037	0.422	-0.03 (-0.10, 0.04)	-0.017	0.037	0.645	-0.02 (-0.09, 0.06)
13553_4	DCUN1D3	DCNL3	226	0.012	0.018	0.499	0.01 (-0.02, 0.05)	0.808	0.449	0.016	0.037	0.661	0.02 (-0.06, 0.09)	0.000	0.904	-0.022	0.033	0.508	-0.02 (-0.09, 0.04)	-0.016	0.037	0.665	-0.02 (-0.09, 0.06)
17210_2	TCL1A	TCL1A	226	-0.014	0.021	0.500	-0.01 (-0.06, 0.03)	0.809	0.028	-0.059	0.043	0.170	-0.06 (-0.14, 0.02)	0.003	0.232	-0.020	0.041	0.627	-0.02 (-0.10, 0.06)	-0.032	0.042	0.452	-0.03 (-0.11, 0.05)
5412_53	CD27	CD27	226	0.013	0.020	0.500	0.01 (-0.03, 0.05)	0.809	0.064	0.007	0.042	0.875	0.01 (-0.08, 0.09)	0.000	0.859	0.037	0.041	0.364	0.04 (-0.04, 0.12)	0.034	0.044	0.435	0.03 (-0.05, 0.12)
7115_5	SEMG1	Semenogel	226	-0.015	0.022	0.500	-0.01 (-0.06, 0.03)	0.809	0.001	0.065	0.044	0.140	0.06 (-0.02, 0.15)	-0.005	0.037	0.015	0.039	0.705	0.01 (-0.06, 0.09)	0.008	0.042	0.845	0.01 (-0.07, 0.09)
7795_14	KLRC3	NKG2E	226	-0.013	0.019	0.500	-0.01 (-0.05, 0.02)	0.809	0.471	-0.028	0.038	0.460	-0.03 (-0.10, 0.05)	0.001	0.640	0.012	0.031	0.699	0.01 (-0.05, 0.07)	0.007	0.040	0.868	0.01 (-0.07, 0.08)
7863_50	PGRMC1	PGRC1	226	-0.012	0.018	0.500	-0.01 (-0.05, 0.02)	0.809	0.563	-0.017	0.037	0.640	-0.02 (-0.09, 0.06)	0.000	0.878	-0.043	0.032	0.175	-0.04 (-0.11, 0.02)	-0.062	0.041	0.137	-0.06 (-0.14, 0.02)
11328_9	USB1	USB1	226	-0.013	0.020	0.501	-0.01 (-0.05, 0.03)	0.809	0.058	0.051	0.042	0.225	0.05 (-0.03, 0.13)	-0.004	0.079	0.013	0.038	0.731	0.01 (-0.06, 0.09)	-0.004	0.045	0.935	-3.69e-03 (-0.09, 0.09)
18376_19	MYL3	Myosin ligh	226	0.014	0.020	0.501	0.01 (-0.03, 0.05)	0.809	0.030	0.009	0.041	0.835	0.01 (-0.07, 0.09)	0.000	0.886	0.029	0.033	0.380	0.03 (-0.04, 0.10)	0.015	0.039	0.693	0.02 (-0.06, 0.09)
3837_6	ZAP70	ZAP70	226	0.014	0.021	0.501	0.01 (-0.03, 0.06)	0.809	0.039	-0.037	0.042	0.386	-0.04 (-0.12, 0.05)	0.003	0.167	0.018	0.043	0.685	0.02 (-0.07, 0.10)	0.032	0.042	0.442	0.03 (-0.05, 0.11)
4890_10	POMC	ACTH	226	0.013	0.019	0.501	0.01 (-0.02, 0.05)	0.809	0.473	0.015	0.038	0.705	0.01 (-0.06, 0.09)	0.000	0.958	-0.025	0.034	0.458	-0.03 (-0.09, 0.04)	-0.037	0.041	0.360	-0.04 (-0.12, 0.04)
6315_58	PLBD1	PLBL1	226	0.013	0.019	0.501	0.01 (-0.02, 0.05)	0.809	0.832	-0.002	0.038	0.967	-1.58e-03 (-0.08, 0.07)	0.001	0.666	0.011	0.031	0.735	0.01 (-0.05, 0.07)	0.012	0.040	0.765	0.01 (-0.07, 0.09)
8231_122	FLT1	VEGF sR1	226	-0.014	0.021	0.502	-0.01 (-0.05, 0.03)	0.809	0.019	0.029	0.041	0.482	0.03 (-0.05, 0.11)	-0.003	0.233	0.010	0.035	0.768	0.01 (-0.06, 0.08)	0.017	0.042	0.679	0.02 (-0.06, 0.10)
9339_204	FKBP2	FKBP2	226	0.012	0.018	0.502	0.01 (-0.02, 0.05)	0.809	0.687	0.005	0.036	0.886	0.01 (-0.07, 0.08)	0.000	0.827	-0.006	0.032	0.857	-0.01 (-0.07, 0.06)	-0.026	0.038	0.497	-0.03 (-0.10, 0.05)
12796_44	NUDT3	NUDT3	226	0.012	0.018	0.502	0.01 (-0.02, 0.05)	0.810	0.382	0.009	0.037	0.815	0.01 (-0.06, 0.08)	0.000	0.914	-0.007	0.031	0.826	-0.01 (-0.07, 0.05)	-0.006	0.040	0.880	-0.01 (-0.09, 0.07)
2636_10	LTBR	Lymphotoxi	226	0.013	0.019	0.503	0.01 (-0.02, 0.05)	0.810	0.155	-0.046	0.040	0.254	-0.05 (-0.12, 0.03)	0.004	0.094	0.006	0.040	0.878	0.01 (-0.07, 0.08)	-0.020	0.041	0.617	-0.02 (-0.10, 0.06)
12991_49	CUL9	CUL9	226	-0.013	0.020	0.504	-0.01 (-0.05, 0.03)	0.811	0.188	-0.034	0.041	0.401	-0.03 (-0.11, 0.05)	0.001	0.548	-0.003	0.038	0.935	-3.14e-03 (-0.08, 0.	0.010	0.036	0.777	0.01 (-0.06, 0.08)
14204_55	FOXJ2	FOXJ2	226	-0.013	0.019	0.504	-0.01 (-0.05, 0.03)	0.811	0.589	-0.047	0.039	0.229	-0.05 (-0.12, 0.03)	0.002	0.315	-0.027	0.038	0.478	-0.03 (-0.10, 0.05)	-0.021	0.040	0.590	-0.02 (-0.10, 0.06)
19159_9	POLD4	DNA polym	226	-0.013	0.020	0.504	-0.01 (-0.05, 0.03)	0.811	0.266	-0.013	0.041	0.741	-0.01 (-0.09, 0.07)	0.000	0.992	0.015	0.041	0.725	0.01 (-0.07, 0.10)	0.033	0.045	0.463	0.03 (-0.05, 0.12)
4436_1	ENTPD3	ENTP3	226	0.013	0.020	0.504	0.01 (-0.03, 0.05)	0.811	0.077	-0.034	0.042	0.411	-0.03 (-0.12, 0.05)	0.003	0.193	-0.008	0.039	0.845	-0.01 (-0.08, 0.07)	-0.009	0.043	0.837	-0.01 (-0.09, 0.08)
6411_58	DEFB135	DB135	226	0.012	0.019	0.504	0.01 (-0.02, 0.05)	0.811	0.538	-0.023	0.038	0.551	-0.02 (-0.10, 0.05)	0.002	0.286	0.040	0.034	0.247	0.04 (-0.03, 0.11)	0.029	0.043	0.496	0.03 (-0.06, 0.11)
6544_33	NELL1	NELL1	226	-0.015	0.022	0.504	-0.01 (-0.06, 0.03)	0.811	0.001	0.068	0.044	0.124	0.07 (-0.02, 0.15)	-0.005	0.032	0.026	0.031	0.406	0.03 (-0.04, 0.09)	0.020	0.044	0.648	0.02 (-0.07, 0.11)
7185_29	GP5	GPV	226	-0.012	0.018	0.505	-0.01 (-0.05, 0.02)	0.811	0.657	-0.032	0.036	0.373	-0.03 (-0.10, 0.04)	0.001	0.518	-0.046	0.030	0.122	-0.05 (-0.10, 0.01)	-0.051	0.038	0.180	-0.05 (-0.12, 0.02)
8033_1	DNAJC18	DJC18	226	-0.013	0.019	0.504	-0.01 (-0.05, 0.03)	0.811	0.239	0.069	0.040	0.083	0.07 (-0.01, 0.15)	-0.005	0.018	0.016	0.033	0.632	0.02 (-0.05, 0.08)	0.050	0.048	0.296	0.05 (-0.04, 0.14)
8748_45	CD74	HG2A	226	0.013	0.019	0.504	0.01 (-0.03, 0.05)	0.811	0.283	0.031	0.040	0.442	0.03 (-0.05, 0.11)	-0.001	0.607	-0.029	0.033	0.371	-0.03 (-0.09, 0.03)	-0.046	0.043	0.278	-0.05 (-0.13, 0.04)
12378_71	TAPBP	TPSN	226	-0.014	0.021	0.505	-0.01 (-0.05, 0.03)	0.811	0.010	-0.007	0.042	0.859	-0.01 (-0.09, 0.08)	0.000	0.861	-0.051	0.032	0.114	-0.05 (-0.11, 0.01)	-0.050	0.039	0.198	-0.05 (-0.13, 0.03)
17156_72	DCLK1	DCAK1	226	-0.014	0.021	0.505	-0.01 (-0.05, 0.03)	0.811	0.011	-0.013	0.042	0.761	-0.01 (-0.10, 0.07)	0.000	0.977	-0.010	0.040	0.805	-0.01 (-0.09, 0.07)	-0.032	0.045	0.468	-0.03 (-0.12, 0.06)
4254_6	NUDCD3	NUDC3	226	-0.012	0.019	0.505	-0.01 (-0.05, 0.02)	0.811	0.800	-0.025	0.037	0.510	-0.02 (-0.10, 0.05)	0.001	0.705	-0.036	0.035	0.310	-0.04 (-0.11, 0.03)	-0.009	0.038	0.815	-0.01 (-0.08, 0.07)
12604_16	SCMH1	SCMH1	226	0.013	0.019	0.506	0.01 (-0.02, 0.05)	0.812	0.637	0.007	0.039	0.855	0.01 (-0.07, 0.08)	0.000	0.865	-0.012	0.037	0.755	-0.01 (-0.09, 0.06)	-0.012	0.043	0.775	-0.01 (-0.10, 0.07)
18227_3	CDK2AP2	CDKA2	226	-0.013	0.019	0.506	-0.01 (-0.05, 0.03)	0.812	0.199	0.013	0.041	0.747	0.01 (-0.07, 0.09)	-0.002	0.462	-0.002	0.041	0.969	-1.59e-03 (-0.08, 0.	0.007	0.039	0.848	0.01 (-0.07, 0.08)
18302_204	ZWILCH	ZWILC	226	0.014	0.021	0.506	0.01 (-0.03, 0.06)	0.812	0.033	-0.038	0.042	0.372	-0.04 (-0.12, 0.05)	0.003	0.160	0.025	0.041	0.547	0.02 (-0.06, 0.10)	0.017	0.038	0.654	0.02 (-0.06, 0.09)
19281_86	MAFG	MAFG	226	0.012	0.018	0.506	0.01 (-0.02, 0.05)	0.812	0.266	0.013	0.038	0.737	0.01 (-0.06, 0.09)	0.000	0.985	-0.044	0.031	0.161	-0.04 (-0.10, 0.02)	-0.047	0.041	0.244	-0.05 (-0.13, 0.03)
6974_6	CD74	HG2A	226	-0.013	0.019	0.506	-0.01 (-0.05, 0.03)	0.812	0.426	0.029	0.039	0.467	0.03 (-0.05, 0.11)	-0.003	0.225	0.020	0.032	0.538	0.02 (-0.04, 0.08)	0.038	0.041	0.364	0.04 (-0.04, 0.12)
7891_45	UGT1A6	UGT 1A6	226	-0.012	0.019	0.507	-0.01 (-0.05, 0.02)	0.812	0.050	0.017	0.040	0.668	0.02 (-0.06, 0.10)	-0.002	0.398	0.016	0.040	0.692	0.02 (-0.06, 0.09)	0.024	0.041	0.554	0.02 (-0.06, 0.10)
10367_62	IL12A	IL-12	226	-0.013	0.020	0.507	-0.01 (-0.05, 0.03)	0.812	0.139	-0.055	0.041	0.184	-0.05 (-0.14, 0.03)	0.003	0.242	-0.047	0.036	0.199	-0.05 (-0.12, 0.02)	-0.057	0.040	0.154	-0.06 (-0.13, 0.02)
5726_49	SPAG11A	SG11A	226	0.013	0.020	0.507	0.01 (-0.03, 0.05)	0.812	0.349	-0.018	0.040	0.646	-0.02 (-0.10, 0.06)	0.002	0.367	0.017	0.041	0.676	0.02 (-0.06, 0.10)	0.010	0.042	0.804	0.01 (-0.07, 0.09)
12847_27	RNGTT	MCE1	226	0.012	0.018	0.508	0.01 (-0.02, 0.05)	0.813	0.156	0.002	0.039	0.959	1.97e-03 (-0.07, 0.08)	0.001	0.763	-0.023	0.035	0.521	-0.02 (-0.09, 0.05)	-0.006	0.041	0.879	-0.01 (-0.09, 0.07)
8892_14	PEAR1	PEAR1	226	-0.012	0.018	0.508	-0.01 (-0.05, 0.02)	0.813	0.793	-0.018	0.037	0.622	-0.02 (-0.09, 0.05)	0.000	0.849	-0.049	0.034	0.152	-0.05 (-0.12, 0.02)	-0.044	0.037	0.246	-0.04 (-0.12, 0.03)
4187_49	PGD	6-Phospho	226	0.012	0.017	0.508	0.01 (-0.02, 0.05)	0.813	0.554	0.000	0.035	0.991	-3.90e-04 (-0.07, 0.07)	0.001	0.696	-0.038	0.030	0.206	-0.04 (-0.10, 0.02)	-0.053	0.038	0.158	-0.05 (-0.13, 0.02)
4249_64	NME2	NDP kinase	226	0.013	0.019	0.508	0.01 (-0.02, 0.05)	0.813	0.462	0.001	0.039	0.989	5.16e-04 (-0.08, 0.08)	0.001	0.718	-0.048	0.033	0.153	-0.05 (-0.11, 0.02)	-0.046	0.041	0.263	-0.05 (-0.13, 0.03)
13007_66	LCN10	LCN10	226	0.014	0.021	0.509	0.01 (-0.03, 0.05)	0.813	0.048	-0.040	0.042	0.342	-0.04 (-0.12, 0.04)	0.003	0.141	0.002	0.041	0.965	1.81e-03 (-0.08, 0.0	-0.015	0.040	0.706	-0.02 (-0.09, 0.06)
17832_12	IDI2	IDI2	226	-0.013	0.019	0.509	-0.01 (-0.05, 0.02)	0.813	0.405	0.001	0.039	0.990	5.01e-04 (-0.08, 0.08)	-0.001	0.698	-0.005	0.032	0.880	-4.81e-03 (-0.07, 0.	0.062	0.051	0.224	0.06 (-0.04, 0.16)
2752_62	GDF5	BMP-14	226	0.012	0.019	0.509	0.01 (-0.02, 0.05)	0.813	0.287	-0.030	0.039	0.434	-0.03 (-0.11, 0.05)	0.003	0.205	-0.021	0.039	0.578	-0.02 (-0.10, 0.05)	-0.035	0.040	0.388	-0.03 (-0.11, 0.04)
7827_20	ADAM32	ADA32	226	-0.014	0.021	0.509	-0.01 (-0.06, 0.03)	0.813	0.013	-0.021	0.042	0.622	-0.02 (-0.10, 0.06)	0.000	0.848	-0.018	0.040	0.659	-0.02 (-0.10, 0.06)	-0.005	0.041	0.910	-4.63e-03 (-0.09, 0.08)
10346_5	STAT3	STAT3	226	0.012	0.018	0.511	0.01 (-0.02, 0.05)	0.813	0.909	0.018	0.037	0.631	0.02 (-0.05, 0.09)	0.000	0.859	-0.001	0.029	0.976	-8.68e-04 (-0.06, 0.	-0.019	0.039	0.627	-0.02 (-0.09, 0.06)
11307_33	WWP1	WWP1	226	0.012	0.018	0.510	0.01 (-0.02, 0.05)	0.813	0.556	-0.004	0.036	0.902	-4.48e-03 (-0.08, 0.07)	0.001	0.604	-0.036	0.032	0.264	-0.04 (-0.10, 0.03)	-0.032	0.036	0.366	-0.03 (-0.10, 0.04)
13119_26	SERPINA1(	protein Z in	226	0.013	0.019	0.511	0.01 (-0.03, 0.05)	0.813	0.076	0.014	0.041	0.727	0.01 (-0.07, 0.10)	0.000	0.959	0.056	0.039	0.151	0.06 (-0.02, 0.13)	0.050	0.044	0.255	0.05 (-0.04, 0.14)
13399_33	RELL1	RELL1	226	0.013	0.019	0.510	0.01 (-0.03, 0.05)	0.813	0.199	-0.004	0.040	0.915	-4.34e-03 (-0.08, 0.07)	0.001	0.627	0.036	0.037	0.330	0.04 (-0.04, 0.11)	0.026	0.042	0.538	0.03 (-0.06, 0.11)
14066_49	MAGI2	MAGI2	226	-0.013	0.019	0.510	-0.01 (-0.05, 0.03)	0.813	0.091	-0.031	0.041	0.453	-0.03 (-0.11, 0.05)	0.001	0.610	-0.021	0.041	0.600	-0.02 (-0.10, 0.06)	-0.027	0.039	0.490	-0.03 (-0.10, 0.05)
15504_39	BIRC7	Livin B	226	0.014	0.021	0.510	0.01 (-0.03, 0.06)	0.813	0.021	0.094	0.043	0.029	0.09 (0.01, 0.18)	-0.005	0.032	0.089	0.037	0.016	0.09 (0.02, 0.16)	0.093	0.044	0.034	0.09 (0.01, 0.18)
18189_12	VPS25	VPS25	226	-0.012	0.018	0.510	-0.01 (-0.05, 0.02)	0.813	0.335	-0.006	0.038	0.876	-0.01 (-0.08, 0.07)	0.000	0.850	-0.044	0.037	0.233	-0.04 (-0.12, 0.03)	-0.041	0.039	0.298	-0.04 (-0.12, 0.04)
19123_6	NFKBID	IKBD	226	-0.012	0.019	0.511	-0.01 (-0.05, 0.02)	0.813	0.127	0.000	0.040	0.996	-1.99e-04 (-0.08, 0.08)	-0.001	0.726	-0.030	0.034	0.369	-0.03 (-0.10, 0.04)	-0.036	0.043	0.401	-0.04 (-0.12, 0.05)
3480_7	DUSP3	DUS3	226	-0.013	0.020	0.510	-0.01 (-0.05, 0.03)	0.813	0.017	0.002	0.041	0.957	2.24e-03 (-0.08, 0.08)	-0.001	0.661	-0.013	0.038	0.737	-0.01 (-0.09, 0.06)	-0.009	0.038	0.824	-0.01 (-0.08, 0.07)
5228_25	KIF23	KIF23	226	0.012	0.018	0.511	0.01 (-0.02, 0.05)	0.813	0.480	0.001	0.037	0.983	8.18e-04 (-0.07, 0.07)	0.001	0.727	-0.037	0.032	0.242	-0.04 (-0.10, 0.03)	-0.051	0.045	0.260	-0.05 (-0.14, 0.04)
8397_147	QSOX2	QSOX2	226	0.061	0.093	0.511	0.06 (-0.12, 0.24)	0.813	0.00E+00	0.015	0.188	0.935	0.02 (-0.35, 0.38)	0.003	0.779	-0.067	0.038	0.078	-0.07 (-0.14, 0.01)	-0.070	0.041	0.091	-0.07 (-0.15, 0.01)
9045_3	SLC27A2	S27A2	226	0.013	0.019	0.511	0.01 (-0.02, 0.05)	0.813	0.275	0.029	0.040	0.461	0.03 (-0.05, 0.11)	-0.001	0.627	-0.013	0.034	0.693	-0.01 (-0.08, 0.05)	-0.020	0.043	0.638	-0.02 (-0.11, 0.06)
9123_18	DOS	DOS	226	-0.013	0.020	0.510	-0.01 (-0.05, 0.03)	0.813	0.073	-0.016	0.042	0.701	-0.02 (-0.10, 0.07)	0.000	0.928	-0.022	0.042	0.607	-0.02 (-0.10, 0.06)	-0.050	0.041	0.226	-0.05 (-0.13, 0.03)
11129_66	BMP15	BMP15	226	0.013	0.020	0.512	0.01 (-0.03, 0.05)	0.813	0.505	-0.039	0.040	0.325	-0.04 (-0.12, 0.04)	0.003	0.132	0.003	0.039	0.930	3.41e-03 (-0.07, 0.0	0.018	0.041	0.663	0.02 (-0.06, 0.10)
3445_53	IL15RA	IL-15 Ra	226	0.014	0.021	0.512	0.01 (-0.03, 0.05)	0.814	0.010	-0.014	0.042	0.731	-0.01 (-0.10, 0.07)	0.002	0.441	-0.017	0.038	0.648	-0.02 (-0.09, 0.06)	0.018	0.041	0.658	0.02 (-0.06, 0.10)
19372_7	MDGA2	MDGA2	226	-0.012	0.018	0.512	-0.01 (-0.05, 0.02)	0.814	0.368	0.010	0.038	0.783	0.01 (-0.06, 0.08)	-0.001	0.493	0.036	0.036	0.313	0.04 (-0.03, 0.11)	0.032	0.045	0.475	0.03 (-0.06, 0.12)
12821_6	NLRP10	NAL10	226	0.013	0.019	0.513	0.01 (-0.03, 0.05)	0.814	0.756	0.063	0.039	0.104	0.06 (-0.01, 0.14)	-0.003	0.134	-0.008	0.038	0.826	-0.01 (-0.08, 0.07)	0.004	0.037	0.905	4.44e-03 (-0.07, 0.08)
17447_52	SFRP4	SFRP4	226	0.012	0.018	0.513	0.01 (-0.02, 0.05)	0.814	0.120	0.031	0.038	0.410	0.03 (-0.04, 0.11)	-0.001	0.551	-0.004	0.031	0.897	-4.05e-03 (-0.07, 0.	-0.012	0.036	0.746	-0.01 (-0.08, 0.06)
17794_6	PMM2	Phosphoma	226	0.012	0.018	0.513	0.01 (-0.02, 0.05)	0.814	0.628	0.011	0.036	0.769	0.01 (-0.06, 0.08)	0.000	0.972	-0.035	0.034	0.294	-0.04 (-0.10, 0.03)	-0.022	0.038	0.566	-0.02 (-0.10, 0.05)
2579_17	MMP9	MMP-9	226	-0.014	0.022	0.513	-0.01 (-0.06, 0.03)	0.814	0.001	-0.101	0.044	0.021	-0.10 (-0.19, -0.02)	0.005	0.023	-0.064	0.035	0.064	-0.06 (-0.13, 3.72e-	-0.064	0.044	0.147	-0.06 (-0.15, 0.02)
11542_11	TMEM230	TM230	226	-0.012	0.019	0.513	-0.01 (-0.05, 0.02)	0.815	0.810	0.056	0.039	0.146	0.06 (-0.02, 0.13)	-0.004	0.041	-0.023	0.035	0.506	-0.02 (-0.09, 0.05)	0.002	0.040	0.951	2.43e-03 (-0.08, 0.08)
13698_28	KIAA0319L	K319L	226	-0.012	0.018	0.514	-0.01 (-0.05, 0.02)	0.815	0.767	-0.018	0.037	0.638	-0.02 (-0.09, 0.06)	0.000	0.866	-0.044	0.033	0.185	-0.04 (-0.11, 0.02)	-0.042	0.038	0.275	-0.04 (-0.12, 0.03)
11430_49	DTX1	DTX1	226	0.012	0.019	0.515	0.01 (-0.02, 0.05)	0.815	0.052	0.033	0.041	0.428	0.03 (-0.05, 0.11)	-0.001	0.570	0.057	0.033	0.088	0.06 (-0.01, 0.12)	0.068	0.041	0.098	0.07 (-0.01, 0.15)
11438_6	DNAJB2	DNJB2	226	0.011	0.018	0.517	0.01 (-0.02, 0.05)	0.815	0.515	-0.004	0.036	0.906	-4.23e-03 (-0.07, 0.07)	0.001	0.613	-0.026	0.029	0.368	-0.03 (-0.08, 0.03)	-0.044	0.036	0.233	-0.04 (-0.11, 0.03)
12041_33	HSPA1L	HS71L	226	-0.013	0.019	0.514	-0.01 (-0.05, 0.03)	0.815	0.167	-0.077	0.041	0.061	-0.08 (-0.16, 3.00e-03)	0.004	0.071	-0.010	0.041	0.815	-0.01 (-0.09, 0.07)	-0.021	0.042	0.618	-0.02 (-0.10, 0.06)
12510_3	STAP1	STAP1	226	0.012	0.018	0.518	0.01 (-0.02, 0.05)	0.815	0.319	0.026	0.038	0.503	0.03 (-0.05, 0.10)	-0.001	0.681	0.024	0.035	0.487	0.02 (-0.04, 0.09)	0.015	0.039	0.707	0.01 (-0.06, 0.09)
12687_2	DECR1	DECR	226	-0.012	0.019	0.515	-0.01 (-0.05, 0.02)	0.815	0.159	-0.034	0.040	0.392	-0.03 (-0.11, 0.04)	0.001	0.527	-0.067	0.034	0.051	-0.07 (-0.13, 2.59e-	-0.041	0.042	0.328	-0.04 (-0.12, 0.04)
13645_14	DHX38	PRP16	226	0.014	0.021	0.516	0.01 (-0.03, 0.06)	0.815	0.031	-0.052	0.043	0.221	-0.05 (-0.14, 0.03)	0.004	0.075	-0.029	0.037	0.442	-0.03 (-0.10, 0.04)	-0.006	0.039	0.882	-0.01 (-0.08, 0.07)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
14074_2	SHC2	SHC2	226	0.013	0.020	0.518	0.01 (-0.03, 0.05)	0.815	0.862	0.016	0.039	0.687	0.02 (-0.06, 0.09)	0.000	0.924	-0.004	0.039	0.917	-4.05e-03 (-0.08, 0.(	-0.018	0.043	0.677	-0.02 (-0.10, 0.07)
14619_8	ZNF526	ZN526	226	0.012	0.019	0.516	0.01 (-0.02, 0.05)	0.815	0.102	0.044	0.040	0.271	0.04 (-0.03, 0.12)	-0.002	0.358	0.039	0.033	0.239	0.04 (-0.03, 0.10)	0.035	0.040	0.381	0.04 (-0.04, 0.11)
16074_12	GRAP2	GRB2-relat	226	-0.013	0.020	0.516	-0.01 (-0.05, 0.03)	0.815	0.028	-0.044	0.040	0.265	-0.04 (-0.12, 0.03)	0.002	0.360	0.027	0.033	0.404	0.03 (-0.04, 0.09)	0.005	0.044	0.913	4.78e-03 (-0.08, 0.09)
2846_24	RPS27A	Ubiquitin+1	226	0.012	0.018	0.516	0.01 (-0.02, 0.05)	0.815	0.677	-0.014	0.036	0.693	-0.01 (-0.08, 0.06)	0.002	0.408	-0.017	0.030	0.576	-0.02 (-0.08, 0.04)	-0.047	0.039	0.237	-0.05 (-0.12, 0.03)
3321_2	IL24	IL24	226	0.013	0.020	0.517	0.01 (-0.03, 0.05)	0.815	0.020	-0.021	0.040	0.598	-0.02 (-0.10, 0.06)	0.002	0.329	-0.041	0.033	0.207	-0.04 (-0.11, 0.02)	-0.040	0.041	0.335	-0.04 (-0.12, 0.04)
3342_76	ABL2	ABL2	226	0.012	0.019	0.518	0.01 (-0.02, 0.05)	0.815	0.336	0.050	0.038	0.195	0.05 (-0.03, 0.13)	-0.002	0.258	0.008	0.038	0.827	0.01 (-0.07, 0.08)	0.039	0.038	0.298	0.04 (-0.03, 0.11)
3381_24	LYN	LYNB	226	-0.012	0.019	0.516	-0.01 (-0.05, 0.02)	0.815	0.854	-0.029	0.038	0.448	-0.03 (-0.10, 0.05)	0.001	0.615	-0.047	0.038	0.217	-0.05 (-0.12, 0.03)	-0.048	0.041	0.237	-0.05 (-0.13, 0.03)
4430_44	COLEC11	Collectin Ki	226	0.013	0.019	0.517	0.01 (-0.03, 0.05)	0.815	0.059	0.039	0.042	0.351	0.04 (-0.04, 0.12)	-0.002	0.465	0.036	0.035	0.306	0.04 (-0.03, 0.10)	0.033	0.038	0.381	0.03 (-0.04, 0.11)
5230_99	HMGCR	HMGR	226	0.013	0.019	0.516	0.01 (-0.03, 0.05)	0.815	0.739	0.054	0.039	0.165	0.05 (-0.02, 0.13)	-0.003	0.218	0.020	0.040	0.622	0.02 (-0.06, 0.10)	0.021	0.041	0.614	0.02 (-0.06, 0.10)
5467_15	HSP90AB1	HSP 90b	226	0.012	0.018	0.515	0.01 (-0.02, 0.05)	0.815	0.818	-0.024	0.036	0.509	-0.02 (-0.09, 0.05)	0.002	0.258	0.002	0.028	0.951	1.71e-03 (-0.05, 0.0	-0.038	0.037	0.317	-0.04 (-0.11, 0.04)
7895_108	MRAP	MRAP	226	0.012	0.019	0.516	0.01 (-0.02, 0.05)	0.815	0.273	0.018	0.039	0.650	0.02 (-0.06, 0.10)	0.000	0.871	-0.015	0.036	0.672	-0.02 (-0.09, 0.06)	0.015	0.041	0.722	0.01 (-0.07, 0.10)
8378_3	LDOC1	LDOC1	226	0.013	0.019	0.516	0.01 (-0.03, 0.05)	0.815	0.841	0.027	0.039	0.489	0.03 (-0.05, 0.10)	-0.001	0.669	0.056	0.036	0.123	0.06 (-0.02, 0.13)	0.048	0.042	0.253	0.05 (-0.03, 0.13)
8428_102	NTM	NTRI	226	-0.014	0.021	0.515	-0.01 (-0.06, 0.03)	0.815	9.96E-07	0.015	0.043	0.719	0.02 (-0.07, 0.10)	-0.002	0.432	0.005	0.034	0.881	0.01 (-0.06, 0.07)	-0.013	0.036	0.718	-0.01 (-0.08, 0.06)
8450_36	ADCYAP1	PACAP-38	226	-0.013	0.019	0.517	-0.01 (-0.05, 0.03)	0.815	0.926	0.032	0.039	0.413	0.03 (-0.04, 0.11)	-0.003	0.190	-0.004	0.038	0.915	-3.99e-03 (-0.08, 0.(	0.012	0.039	0.755	0.01 (-0.06, 0.09)
9849_13	APEX1	APEX1	226	0.013	0.020	0.517	0.01 (-0.03, 0.05)	0.815	0.001	-0.001	0.041	0.989	-5.78e-04 (-0.08, 0.08)	0.001	0.700	-0.027	0.031	0.392	-0.03 (-0.09, 0.03)	-0.027	0.037	0.456	-0.03 (-0.10, 0.04)
9873_17	ESRRA	ERRalpha	226	-0.012	0.019	0.515	-0.01 (-0.05, 0.03)	0.815	0.908	0.006	0.039	0.887	0.01 (-0.07, 0.08)	-0.001	0.592	0.000	0.033	0.990	-3.93e-04 (-0.06, 0.(	0.004	0.039	0.912	4.31e-03 (-0.07, 0.08)
9941_70	PCDHB1	PCDB1	226	0.013	0.020	0.517	0.01 (-0.03, 0.05)	0.815	0.197	-0.013	0.041	0.746	-0.01 (-0.09, 0.07)	0.002	0.467	0.038	0.039	0.328	0.04 (-0.04, 0.12)	0.029	0.040	0.466	0.03 (-0.05, 0.11)
9951_36	FBXL4	FBXL4	226	0.012	0.019	0.514	0.01 (-0.02, 0.05)	0.815	0.892	0.018	0.038	0.639	0.02 (-0.06, 0.09)	0.000	0.867	0.028	0.039	0.470	0.03 (-0.05, 0.11)	0.052	0.042	0.210	0.05 (-0.03, 0.13)
7203_125	RFNG	RFNG	226	0.015	0.023	0.518	0.02 (-0.03, 0.06)	0.816	1.49E-05	0.091	0.047	0.053	0.09 (-7.08e-04, 0.18)	-0.005	0.063	0.052	0.033	0.112	0.05 (-0.01, 0.12)	0.077	0.041	0.063	0.08 (-3.63e-03, 0.16)
7083_74	MATN4	MATN4	226	0.012	0.019	0.519	0.01 (-0.02, 0.05)	0.816	0.101	0.022	0.040	0.579	0.02 (-0.06, 0.10)	-0.001	0.771	0.001	0.040	0.972	1.43e-03 (-0.08, 0.0	-0.002	0.045	0.959	-2.30e-03 (-0.09, 0.09)
9111_40	JPH4	JPH4	226	0.014	0.021	0.519	0.01 (-0.03, 0.06)	0.816	0.022	-0.042	0.043	0.331	-0.04 (-0.13, 0.04)	0.003	0.137	0.010	0.031	0.740	0.01 (-0.05, 0.07)	-0.049	0.041	0.232	-0.05 (-0.13, 0.03)
9867_23	FBP2	F16P2	226	0.012	0.019	0.519	0.01 (-0.03, 0.05)	0.816	0.562	-0.001	0.039	0.987	-6.38e-04 (-0.08, 0.08)	0.001	0.699	0.013	0.040	0.752	0.01 (-0.07, 0.09)	0.021	0.043	0.624	0.02 (-0.06, 0.10)
19150_20	PRPSAP2	KPRB	226	-0.012	0.018	0.519	-0.01 (-0.05, 0.02)	0.816	0.958	0.013	0.037	0.733	0.01 (-0.06, 0.09)	-0.002	0.447	-0.042	0.035	0.229	-0.04 (-0.11, 0.03)	-0.028	0.036	0.444	-0.03 (-0.10, 0.04)
13570_43	HDLBP	VIGLN	226	0.012	0.018	0.520	0.01 (-0.02, 0.05)	0.817	0.802	-0.027	0.037	0.468	-0.03 (-0.10, 0.05)	0.002	0.230	-0.036	0.033	0.271	-0.04 (-0.10, 0.03)	-0.034	0.036	0.356	-0.03 (-0.11, 0.04)
13240_170	SHANK1	SHAN1	226	-0.013	0.020	0.521	-0.01 (-0.05, 0.03)	0.818	0.460	-0.041	0.039	0.294	-0.04 (-0.12, 0.04)	0.002	0.399	-0.030	0.034	0.387	-0.03 (-0.10, 0.04)	-0.018	0.044	0.683	-0.02 (-0.11, 0.07)
2796_62	FGA	Fibrinogen	226	-0.014	0.022	0.521	-0.01 (-0.06, 0.03)	0.818	2.07E-04	-0.070	0.045	0.122	-0.07 (-0.16, 0.02)	0.003	0.157	0.000	0.038	0.994	-3.02e-04 (-0.08, 0.(	-0.032	0.047	0.500	-0.03 (-0.12, 0.06)
9828_86	LDHC	LDHC	226	-0.014	0.022	0.521	-0.01 (-0.06, 0.03)	0.818	0.009	-0.036	0.043	0.403	-0.04 (-0.12, 0.05)	0.001	0.550	0.002	0.039	0.958	2.06e-03 (-0.07, 0.0	-0.013	0.041	0.754	-0.01 (-0.09, 0.07)
11571_75	KLRC3	NKG2E	226	-0.012	0.019	0.522	-0.01 (-0.05, 0.03)	0.818	0.525	0.028	0.039	0.475	0.03 (-0.05, 0.10)	-0.002	0.235	0.017	0.038	0.651	0.02 (-0.06, 0.09)	0.006	0.043	0.885	0.01 (-0.08, 0.09)
7038_45	ST8SIA4	SIA8D	226	0.012	0.019	0.522	0.01 (-0.02, 0.05)	0.818	0.210	-0.007	0.039	0.850	-0.01 (-0.08, 0.07)	0.001	0.569	0.003	0.039	0.932	3.35e-03 (-0.07, 0.0	-0.006	0.042	0.887	-0.01 (-0.09, 0.08)
11273_176	GSTT2B	GSTT2	226	-0.012	0.020	0.523	-0.01 (-0.05, 0.03)	0.819	0.928	-0.002	0.039	0.964	-1.79e-03 (-0.08, 0.08)	-0.001	0.754	-0.015	0.039	0.699	-0.02 (-0.09, 0.06)	0.012	0.038	0.749	0.01 (-0.06, 0.09)
11464_9	RELB	RELB	226	-0.012	0.019	0.523	-0.01 (-0.05, 0.03)	0.819	0.182	-0.078	0.040	0.055	-0.08 (-0.16, 1.29e-03)	0.004	0.063	-0.005	0.040	0.901	-0.01 (-0.08, 0.07)	-0.031	0.041	0.439	-0.03 (-0.11, 0.05)
11570_94	BCAP29	BAP29	226	-0.013	0.021	0.523	-0.01 (-0.05, 0.03)	0.819	0.033	-0.030	0.042	0.476	-0.03 (-0.11, 0.05)	0.001	0.647	-0.003	0.040	0.949	-2.60e-03 (-0.08, 0.(	-0.015	0.037	0.683	-0.02 (-0.09, 0.06)
15474_7	PIN1	PIN1	226	0.012	0.018	0.523	0.01 (-0.02, 0.05)	0.819	0.749	0.009	0.037	0.798	0.01 (-0.06, 0.08)	0.000	0.944	-0.040	0.030	0.183	-0.04 (-0.10, 0.02)	-0.038	0.038	0.311	-0.04 (-0.11, 0.04)
19135_5	NT5C3L	Cytosolic 5'	226	0.012	0.019	0.523	0.01 (-0.03, 0.05)	0.819	0.925	0.025	0.039	0.515	0.03 (-0.05, 0.10)	-0.001	0.700	-0.019	0.034	0.567	-0.02 (-0.09, 0.05)	0.005	0.041	0.911	4.64e-03 (-0.08, 0.09)
6247_9	SIRPB1	SIRB1	226	-0.012	0.019	0.523	-0.01 (-0.05, 0.03)	0.819	0.145	-0.048	0.041	0.241	-0.05 (-0.13, 0.03)	0.002	0.315	-0.043	0.033	0.193	-0.04 (-0.11, 0.02)	-0.058	0.039	0.142	-0.06 (-0.13, 0.02)
8320_5	SLTM	SLTM	226	-0.012	0.019	0.523	-0.01 (-0.05, 0.03)	0.819	0.680	-0.014	0.039	0.717	-0.01 (-0.09, 0.06)	0.000	0.958	0.007	0.039	0.863	0.01 (-0.07, 0.08)	0.004	0.040	0.925	3.82e-03 (-0.08, 0.08)
8535_102	DMKN	Dermokine	226	0.012	0.019	0.523	0.01 (-0.03, 0.05)	0.819	0.595	0.061	0.039	0.117	0.06 (-0.01, 0.14)	-0.003	0.150	0.057	0.033	0.082	0.06 (-0.01, 0.12)	0.065	0.042	0.125	0.07 (-0.02, 0.15)
9802_27	PNPLA2	PLPL2	226	-0.014	0.022	0.523	-0.01 (-0.06, 0.03)	0.819	1.05E-05	-0.005	0.045	0.904	-0.01 (-0.09, 0.08)	-0.001	0.822	0.013	0.036	0.711	0.01 (-0.06, 0.08)	0.004	0.039	0.923	3.80e-03 (-0.07, 0.08)
15385_116	FABP2	FABP2	226	0.012	0.019	0.524	0.01 (-0.03, 0.05)	0.819	0.156	0.041	0.041	0.319	0.04 (-0.04, 0.12)	-0.002	0.423	-0.019	0.035	0.582	-0.02 (-0.09, 0.05)	0.003	0.044	0.954	2.55e-03 (-0.08, 0.09)
16060_99	NID2	NID2	226	0.012	0.019	0.525	0.01 (-0.02, 0.05)	0.819	0.253	0.018	0.039	0.651	0.02 (-0.06, 0.09)	0.000	0.866	0.007	0.034	0.842	0.01 (-0.06, 0.07)	0.011	0.039	0.783	0.01 (-0.07, 0.09)
16875_13	MAGOHB	MGN2	226	-0.012	0.019	0.525	-0.01 (-0.05, 0.02)	0.819	0.173	0.001	0.039	0.974	1.26e-03 (-0.08, 0.08)	-0.001	0.701	-0.036	0.038	0.354	-0.04 (-0.11, 0.04)	-0.034	0.042	0.415	-0.03 (-0.12, 0.05)
18297_8	MRAS	RASM	226	0.012	0.019	0.524	0.01 (-0.03, 0.05)	0.819	0.296	-0.044	0.039	0.265	-0.04 (-0.12, 0.03)	0.004	0.102	-0.024	0.033	0.462	-0.02 (-0.09, 0.04)	-0.027	0.038	0.488	-0.03 (-0.10, 0.05)
3872_2	TPT1	TCTP	226	0.011	0.018	0.524	0.01 (-0.02, 0.05)	0.819	0.431	-0.017	0.036	0.628	-0.02 (-0.09, 0.05)	0.002	0.358	-0.037	0.029	0.202	-0.04 (-0.09, 0.02)	-0.056	0.039	0.159	-0.06 (-0.13, 0.02)
10705_14	ST6GALNA	SIA7C	226	-0.012	0.019	0.525	-0.01 (-0.05, 0.03)	0.820	0.283	-0.005	0.040	0.894	-0.01 (-0.08, 0.07)	0.000	0.842	-0.003	0.033	0.924	-3.18e-03 (-0.07, 0.(	-0.015	0.042	0.719	-0.02 (-0.10, 0.07)
14206_28	APBB1	APBB1	226	-0.012	0.019	0.526	-0.01 (-0.05, 0.03)	0.820	0.272	0.000	0.039	0.998	8.01e-05 (-0.08, 0.08)	-0.001	0.723	0.015	0.034	0.665	0.01 (-0.05, 0.08)	0.029	0.040	0.466	0.03 (-0.05, 0.11)
12936_38	RLBP1	RLBP1	226	0.012	0.019	0.526	0.01 (-0.03, 0.05)	0.821	0.687	0.039	0.039	0.316	0.04 (-0.04, 0.11)	-0.002	0.428	0.009	0.039	0.812	0.01 (-0.07, 0.09)	0.005	0.037	0.885	0.01 (-0.07, 0.08)
19367_34	DCI	D3D2	226	-0.011	0.018	0.527	-0.01 (-0.05, 0.02)	0.821	0.248	0.027	0.037	0.464	0.03 (-0.05, 0.10)	-0.002	0.232	-0.007	0.037	0.856	-0.01 (-0.08, 0.07)	-0.014	0.038	0.718	-0.01 (-0.09, 0.06)
8690_25	CAV3	CAV3	226	-0.012	0.019	0.526	-0.01 (-0.05, 0.03)	0.821	0.103	0.075	0.041	0.069	0.07 (-0.01, 0.16)	-0.005	0.015	-0.009	0.042	0.831	-0.01 (-0.09, 0.07)	-0.003	0.047	0.946	-3.25e-03 (-0.10, 0.09)
5629_58	KLRC1	NKG2A	226	-0.012	0.019	0.527	-0.01 (-0.05, 0.03)	0.821	0.960	0.007	0.039	0.858	0.01 (-0.07, 0.08)	-0.001	0.570	0.031	0.035	0.372	0.03 (-0.04, 0.10)	0.040	0.048	0.398	0.04 (-0.05, 0.13)
9581_4	PRPF6	PRP6	226	0.014	0.022	0.527	0.01 (-0.03, 0.06)	0.822	0.009	-0.019	0.043	0.664	-0.02 (-0.10, 0.07)	0.002	0.389	0.017	0.042	0.676	0.02 (-0.06, 0.10)	0.019	0.044	0.664	0.02 (-0.07, 0.10)
2949_6	PLA2G10	GX	226	0.013	0.020	0.528	0.01 (-0.03, 0.05)	0.822	0.037	0.048	0.041	0.241	0.05 (-0.03, 0.13)	-0.002	0.321	0.015	0.041	0.708	0.02 (-0.06, 0.10)	0.008	0.042	0.856	0.01 (-0.08, 0.09)
12433_8	ARL11	ARL11	226	0.011	0.018	0.528	0.01 (-0.02, 0.05)	0.822	0.273	0.011	0.037	0.765	0.01 (-0.06, 0.08)	0.000	0.995	-0.018	0.035	0.598	-0.02 (-0.09, 0.05)	0.006	0.041	0.890	0.01 (-0.07, 0.09)
9800_20	NDUFB8	NDUB8	226	0.012	0.020	0.528	0.01 (-0.03, 0.05)	0.822	0.852	0.001	0.040	0.982	9.07e-04 (-0.08, 0.08)	0.001	0.739	0.033	0.040	0.421	0.03 (-0.05, 0.11)	0.050	0.046	0.274	0.05 (-0.04, 0.14)
13441_30	DIXDC1	DIXC1	226	-0.012	0.019	0.528	-0.01 (-0.05, 0.03)	0.822	0.231	0.005	0.040	0.902	4.97e-03 (-0.07, 0.08)	-0.001	0.625	0.016	0.036	0.661	0.02 (-0.06, 0.09)	0.013	0.039	0.744	0.01 (-0.06, 0.09)
6223_5	GUCA2B	GUC2B	226	-0.012	0.019	0.529	-0.01 (-0.05, 0.03)	0.823	0.705	0.076	0.039	0.050	0.08 (2.92e-04, 0.15)	-0.006	0.009	0.041	0.036	0.253	0.04 (-0.03, 0.11)	0.031	0.040	0.443	0.03 (-0.05, 0.11)
2889_37	CTF1	Cardiotroph	226	0.012	0.019	0.530	0.01 (-0.03, 0.05)	0.824	0.283	-0.023	0.040	0.567	-0.02 (-0.10, 0.06)	0.002	0.314	-0.017	0.037	0.646	-0.02 (-0.09, 0.06)	0.003	0.038	0.940	2.85e-03 (-0.07, 0.08)
8852_10	SUN3	SUN3	226	0.012	0.019	0.530	0.01 (-0.03, 0.05)	0.824	0.145	0.075	0.041	0.066	0.08 (-4.66e-03, 0.16)	-0.004	0.076	0.052	0.038	0.176	0.05 (-0.02, 0.13)	0.055	0.044	0.216	0.05 (-0.03, 0.14)
10953_14	CLEC2A	CLC2A	226	-0.011	0.018	0.530	-0.01 (-0.05, 0.02)	0.824	0.432	0.082	0.037	0.028	0.08 (0.01, 0.15)	-0.006	0.004	0.043	0.033	0.195	0.04 (-0.02, 0.11)	0.040	0.040	0.314	0.04 (-0.04, 0.12)
11429_80	HNRNPC	hnRNP C1/	226	0.012	0.019	0.531	0.01 (-0.03, 0.05)	0.824	0.113	-0.070	0.041	0.091	-0.07 (-0.15, 0.01)	0.005	0.022	-0.018	0.040	0.643	-0.02 (-0.10, 0.06)	-0.028	0.039	0.472	-0.03 (-0.11, 0.05)
5918_5	PSME1	PSME1	226	0.011	0.018	0.531	0.01 (-0.02, 0.05)	0.824	0.192	-0.019	0.038	0.614	-0.02 (-0.09, 0.05)	0.002	0.354	-0.042	0.030	0.158	-0.04 (-0.10, 0.02)	-0.058	0.041	0.160	-0.06 (-0.14, 0.02)
5801_72	NGF	b-NGF	226	-0.012	0.019	0.531	-0.01 (-0.05, 0.03)	0.825	0.072	-0.021	0.041	0.617	-0.02 (-0.10, 0.06)	0.001	0.809	-0.006	0.041	0.891	-0.01 (-0.09, 0.07)	-0.031	0.042	0.464	-0.03 (-0.11, 0.05)
2644_11	PRKCA	PKC-A	226	0.012	0.019	0.531	0.01 (-0.03, 0.05)	0.825	0.413	0.008	0.038	0.826	0.01 (-0.07, 0.08)	0.000	0.920	-0.025	0.031	0.424	-0.02 (-0.08, 0.04)	-0.030	0.038	0.425	-0.03 (-0.10, 0.04)
9468_8	LMAN2	Lectin, man	226	-0.013	0.021	0.532	-0.01 (-0.06, 0.03)	0.825	0.026	-0.005	0.043	0.916	-4.55e-03 (-0.09, 0.08)	-0.001	0.814	-0.058	0.038	0.130	-0.06 (-0.13, 0.02)	-0.064	0.044	0.147	-0.06 (-0.15, 0.02)
7020_13	CHST5	CHST5	226	-0.012	0.020	0.532	-0.01 (-0.05, 0.03)	0.825	0.472	-0.003	0.040	0.934	-3.28e-03 (-0.08, 0.07)	-0.001	0.794	-0.030	0.041	0.459	-0.03 (-0.11, 0.05)	-0.034	0.046	0.462	-0.03 (-0.12, 0.06)
5359_65	PIM1	PIM1	226	-0.012	0.020	0.532	-0.01 (-0.05, 0.03)	0.825	0.917	0.049	0.039	0.210	0.05 (-0.03, 0.13)	-0.004	0.072	0.045	0.035	0.197	0.05 (-0.02, 0.11)	0.058	0.042	0.168	0.06 (-0.02, 0.14)
11649_3	SMAP1	SMAP1	226	0.011	0.018	0.534	0.01 (-0.02, 0.05)	0.825	0.277	0.017	0.038	0.655	0.02 (-0.06, 0.09)	0.000	0.865	0.003	0.031	0.935	2.54e-03 (-0.06, 0.0	-0.021	0.040	0.594	-0.02 (-0.10, 0.06)
18318_98	SH3GL3	SH3G3	226	0.011	0.018	0.533	0.01 (-0.02, 0.05)	0.825	0.726	0.019	0.037	0.598	0.02 (-0.05, 0.09)	-0.001	0.801	-0.005	0.030	0.859	-0.01 (-0.06, 0.05)	-0.019	0.038	0.609	-0.02 (-0.09, 0.05)
19250_50	MYCBP	MYCBP	226	-0.011	0.018	0.533	-0.01 (-0.05, 0.02)	0.825	0.491	0.009	0.037	0.816	0.01 (-0.06, 0.08)	-0.001	0.533	-0.048	0.033	0.148	-0.05 (-0.11, 0.02)	-0.040	0.038	0.303	-0.04 (-0.12, 0.04)
3831_21	PTEN	pTEN	226	0.011	0.018	0.533	0.01 (-0.02, 0.05)	0.825	0.741	-0.020	0.037	0.581	-0.02 (-0.09, 0.05)	0.002	0.322	-0.038	0.033	0.255	-0.04 (-0.10, 0.03)	-0.036	0.038	0.331	-0.04 (-0.11, 0.04)
5679_16	DEFB103A	HBD-3	226	0.012	0.019	0.533	0.01 (-0.02, 0.05)	0.825	0.332	0.019	0.038	0.626	0.02 (-0.06, 0.09)	0.000	0.832	-0.003	0.032	0.933	-2.69e-03 (-0.07, 0.(	-0.002	0.037	0.967	-1.54e-03 (-0.07, 0.07)
8048_9	FTMT	FTMT	226	0.014	0.023	0.533	0.01 (-0.03, 0.06)	0.825	7.77E-05	-0.012	0.046	0.788	-0.01 (-0.10, 0.08)	0.002	0.506	-0.036	0.034	0.296	-0.04 (-0.10, 0.03)	-0.028	0.041	0.497	-0.03 (-0.11, 0.05)
8398_277	RARRES1	RAR-respo	226	-0.012	0.019	0.533	-0.01 (-0.05, 0.03)	0.825	0.691	0.016	0.039	0.691	0.02 (-0.06, 0.09)	-0.002	0.416	-0.043	0.038	0.255	-0.04 (-0.12, 0.03)	-0.043	0.044	0.337	-0.04 (-0.13, 0.04)
9518_95	PLA1A	PLA1A	226	-0.012	0.019	0.533	-0.01 (-0.05, 0.03)	0.825	0.731	0.038	0.039	0.331	0.04 (-0.04, 0.11)	-0.003	0.140	0.022	0.040	0.587	0.02 (-0.06, 0.10)	0.041	0.040	0.305	0.04 (-0.04, 0.12)
8336_267	GRAMD1C	GRM1C	226	-0.012	0.019	0.534	-0.01 (-0.05, 0.03)	0.825	0.563	0.021	0.039	0.593	0.02 (-0.06, 0.10)	-0.002	0.331	0.017	0.039	0.668	0.02 (-0.06, 0.09)	0.028	0.037	0.451	0.03 (-0.04, 0.10)
11158_40	CCDC64	BICR1	226	-0.012	0.019	0.535	-0.01 (-0.05, 0.03)	0.826	0.469	0.003	0.039	0.933	3.30e-03 (-0.07, 0.08)	-0.001	0.653	-0.036	0.036	0.311	-0.04 (-0.11, 0.03)	-0.035	0.043	0.411	-0.04 (-0.12, 0.05)
12934_1	HERC5	HERC5	226	0.015	0.025	0.535	0.02 (-0.03, 0.06)	0.826	1.29E-08	-0.044	0.050	0.381	-0.04 (-0.14, 0.05)	0.004	0.173	-0.008	0.038	0.836	-0.01 (-0.08, 0.07)	-0.024	0.042	0.565	-0.02 (-0.11, 0.06)
14597_5	SEMA6C	SEM6C	226	-0.012	0.020	0.535	-0.01 (-0.05, 0.03)	0.826	0.606	0.051	0.039	0.192	0.05 (-0.03, 0.13)	-0.004	0.064	-0.009	0.040	0.819	-0.01 (-0.09, 0.07)	-0.005	0.040	0.900	-0.01 (-0.08, 0.07)
19173_5	ZFAND1	ZFAN1	226	-0.011	0.018	0.534	-0.01 (-0.05, 0.02)	0.826	0.837	0.012	0.037	0.738	0.01 (-0.06, 0.09)	-0.001	0.459	-0.020	0.036	0.577	-0.02 (-0.09, 0.05)	-0.012	0.039	0.755	-0.01 (-0.09, 0.06)
6442_6	BAGE3	BAGE3	226	-0.012	0.019	0.535	-0.01 (-0.05, 0.03)	0.826	0.207	0.076	0.040	0.058	0.08 (-2.15e-03, 0.15)	-0.006	0.012	0.036	0.038	0.356	0.04 (-0.04, 0.11)	0.025	0.041	0.538	0.03 (-0.06, 0.11)
11180_17	SMARCC1	SMRC1	226	-0.013	0.021	0.536	-0.01 (-0.05, 0.03)	0.826	0.035	-0.051	0.043	0.231	-0.05 (-0.13, 0.03)	0.002	0.304	-0.034	0.041	0.403	-0.03 (-0.11, 0.05)	-0.048	0.041	0.239	-0.05 (-0.13, 0.03)
8400_74	GRP	Gastrin-rele	226	0.013	0.021	0.536	0.01 (-0.03, 0.05)	0.826	0.039	0.015	0.042	0.723	0.02 (-0.07, 0.10)	0.000	0.956	0.009	0.038	0.815	0.01 (-0.07, 0.08)	-0.006	0.041	0.879	-0.01 (-0.09, 0.07)
8869_5	BTN2A1	BT2A1	226	-0.012	0.019	0.536	-0.01 (-0.05, 0.03)	0.826	0.663	0.049	0.039	0.205	0.05 (-0.03, 0.13)	-0.004	0.071	-0.003	0.039	0.944	-2.73e-03 (-0.08, 0.(	0.009	0.039	0.823	0.01 (-0.07, 0.08)
15363_32	APOA5	Apo A-V	226	-0.014	0.022	0.537	-0.01 (-0.06, 0.03)	0.826	1.46E-04	0.026	0.044	0.550	0.03 (-0.06, 0.11)	-0.002	0.298	0.029	0.037	0.428	0.03 (-0.04, 0.10)	0.024	0.035	0.488	0.02 (-0.04, 0.09)
15667_39	BMP4	BMP-4	226	-0.012	0.019	0.536	-0.01 (-0.05, 0.03)	0.826	0.653	0.054	0.038	0.153	0.05 (-0.02, 0.13)	-0.004	0.046	0.022	0.031	0.480	0.02 (-0.04, 0.08)	0.035	0.044	0.430	0.03 (-0.05, 0.12)
2946_52	CFD	Factor D	226	-0.013	0.021	0.537	-0.01 (-0.05, 0.03)	0.826	0.008	-0.106	0.042	0.013	-0.11 (-0.19, -0.02)	0.006	0.012	-0.060	0.038	0.111	-0.06 (-0.13, 0.01)	-0.051	0.041	0.220	-0.05 (-0.13, 0.03)
8013_9	LMAN2L	LMA2L	226	0.011	0.018	0.536	0.01 (-0.02, 0.05)	0.826	0.060	0.006	0.040	0.879	0.01 (-0.07, 0.08)	0.000	0.878	-0.027	0.032	0.399	-0.03 (-0.09, 0.04)	-0.038	0.039	0.331	-0.04 (-0.11, 0.04)
8906_60	LRTM2	LRTM2	226	-0.012	0.019	0.536	-0.01 (-0.05, 0.03)	0.826	0.124	0.033	0.040	0.411	0.03 (-0.05, 0.11)	-0.003	0.200	0.030	0.033	0.364	0.03 (-0.04, 0.10)	0.019	0.041	0.648	0.02 (-0.06, 0.10)
9348_1	C1RL	C1RL1	226	0.014	0.022	0.537	0.01 (-0.03, 0.06)	0.826	3.32E-04	-0.021	0.044	0.638	-0.02 (-0.11, 0.07)	0.002	0.371	-0.016	0.038	0.671	-0.02 (-0.09, 0.06)	-0.030	0.036	0.412	-0.03 (-0.10, 0.04)
9926_4	S100P	S100P	226	0.012	0.019	0.537	0.01 (-0.03, 0.05)	0.826	0.878	0.027	0.039	0.481	0.03 (-0.05, 0.10)	-0.001	0.647	0.002	0.039	0.966	1.64e-03 (-0.07, 0.0	0.008	0.040	0.846	0.01 (-0.07, 0.09)
8786_6	FAM171B	F171B	226	0.012	0.019	0.537	0.01 (-0.03, 0.05)	0.826	0.164	0.073	0.040	0.069	0.07 (-0.01, 0.15)	-0.004	0.079	0.028	0.032	0.381	0.03 (-0.03, 0.09)	0.066	0.044	0.137	0.07 (-0.02, 0.15)
13544_9	HMHA1	HMHA1	226	-0.011	0.018	0.537	-0.01 (-0.05, 0.02)	0.827	0.541	-0.021	0.037	0.578	-0.02 (-0.09, 0.05)	0.001	0.773	-0.048	0.035	0.172	-0.05 (-0.12, 0.02)	-0.046	0.037	0.209	-0.05 (-0.12, 0.03)
4535_50	BST1	BST1	226	-0.012	0.019	0.538	-0.01 (-0.05, 0.03)	0.827	0.303	0.031	0.039	0.420	0.03 (-0.04, 0.11)	-0.003	0.203	0.027	0.036	0.462	0.03 (-0.04, 0.10)	0.020	0.044	0.648	0.02 (-0.07, 0.11)
11372_2	ZNF18	ZNF18	226	-0.012	0.020	0.538	-0.01 (-0.05, 0.03)	0.827	0.165	-0.012	0.041	0.763	-0.01 (-0.09, 0.07)	0.000	0.990	0.027	0.036	0.450	0.03 (-0.04, 0.10)	0.015	0.041	0.711	0.02 (-0.06, 0.09)
13733_5	IL12B	IL-12 p40	226	0.012	0.019	0.538	0.01 (-0.03, 0.05)	0.827	0.392	-0.013	0.039	0.743	-0.01 (-0.09, 0.06)	0.002	0.469	0.016	0.037	0.669	0.02 (-0.06, 0.09)	-0.005	0.040	0.903	-4.88e-03 (-0.08, 0.07)
6267_51	STMN4	STMN4	226	0.011	0.018	0.539	0.01 (-0.02, 0.05)	0.827	0.369	0.037	0.037	0.320	0.04 (-0.04, 0.11)	-0.002	0.424	0.003	0.038	0.940	2.87e-03 (-0.07, 0.0	-0.001	0.036	0.971	-1.31e-03 (-0.07, 0.07)
9478_69	PRPSAP1	KPRA	226	0.011	0.019	0.539	0.01 (-0.03, 0.05)	0.827	0.833	0.006	0.038	0.873	0.01 (-0.07, 0.08)	0.000	0.867	-0.017	0.031	0.583	-0.02 (-0.08, 0.04)	-0.029	0.038	0.454	-0.03 (-0.10, 0.05)
13105_7	SNAP25	SNP25	226	0.013	0.021	0.539	0.01 (-0.03, 0.05)	0.828	0.024	-0.016	0.043	0.711	-0.02 (-0.10, 0.07)	0.002	0.437	0.012	0.043	0.777	0.01 (-0.07, 0.10)	0.041	0.043	0.345	0.04 (-0.04, 0.12)
18930_28	SLIT2	SLIT2	226	-0.012	0.020	0.540	-0.01 (-0.05, 0.03)	0.829	0.049	0.052	0.040	0.192	0.05 (-0.03, 0.13)	-0.004	0.064	0.032	0.038	0.395	0.03 (-0.04, 0.11)	0.038	0.040	0.341	0.04 (-0.04, 0.12)
3054_3	HP	Haptoglobi	226	0.012	0.019	0.540	0.01 (-0.03, 0.05)	0.829	0.104	-0.046	0.041	0.269	-0.05 (-0.13, 0.04)	0.004	0.109	-0.021	0.040	0.592	-0.02 (-0.10, 0.06)	-0.026	0.042	0.531	-0.03 (-0.11, 0.06)
11354_21	PLCB1	Phospholip	226	0.011	0.018	0.541	0.01 (-0.02, 0.05)	0.829	0.609	0.013	0.037	0.730	0.01 (-0.06, 0.09)	0.000	0.961	-0.018	0.035	0.598	-0.02 (-0.09, 0.05)	0.008	0.039	0.839	0.01 (-0.07, 0.08)
19153_53	MPPED2	MPPD2	226	0.012	0.019	0.541	0.01 (-0.03, 0.05)	0.829	0.342	0.038	0.039	0.329	0.04 (-0.04, 0.11)	-0.002	0.434	-0.026	0.035	0.449	-0.03 (-0.09, 0.04)	-0.032	0.042	0.442	-0.03 (-0.11, 0.05)
3593_72	CASP3	Caspase-3	226	0.013	0.021	0.541	0.01 (-0.03, 0.05)	0.829	0.001	0.002	0.043	0.956	2.34e-03 (-0.08, 0.09)	0.001	0.776	-0.024	0.037	0.522	-0.02 (-0.10, 0.05)	-0.016	0.036	0.669	-0.02 (-0.09, 0.06)
6574_11	FAIM3	FAIM3	226	0.013	0.022	0.541	0.01 (-0.03, 0.06)	0.829	0.006	-0.026	0.043	0.548	-0.03 (-0.11, 0.06)	0.002	0.298	-0.008	0.033	0.799	-0.01 (-0.07, 0.06)	-0.011	0.040	0.781	-0.01 (-0.09, 0.07)
11653_69	SLC6A9	SC6A9	226	-0.013	0.021	0.542	-0.01 (-0.05, 0.03)	0.830	0.008	0.064	0.042	0.125	0.06 (-0.02, 0.15)	-0.005	0.034	0.019	0.042	0.641	0.02 (-0.06, 0.10)	0.020	0.043	0.636	0.02 (-0.06, 0.10)
12556_7	UBE2C	UBE2C	226	0.013	0.021	0.543	0.01 (-0.03, 0.05)	0.830	0.035	-0.007	0.043	0.875	-0.01 (-0.09, 0.08)	0.001	0.597	-0.010	0.042	0.817	-0.01 (-0.09, 0.07)	-0.008	0.043	0.860	-0.01 (-0.09, 0.08)
12583_77	ARAF	ARAF	226	-0.011	0.019	0.543	-0.01 (-0.05, 0.03)	0.830	0.427	-0.013	0.038	0.725	-0.01 (-0.09, 0.06)	0.000	0.952	-0.029	0.038	0.434	-0.03 (-0.10, 0.04)	-0.014	0.037	0.707	-0.01 (-0.09, 0.06)
18881_7	CD97	CD97	226	0.011	0.018	0.543	0.01 (-0.02, 0.05)	0.830	0.235	0.091	0.038	0.017	0.09 (0.02, 0.16)	-0.005	0.016	0.025	0.035	0.477	0.02 (-0.04, 0.09)	0.031	0.042	0.471	0.03 (-0.05, 0.11)
3373_5	GZMH	Granzyme I	226	-0.012	0.019	0.542	-0.01 (-0.05, 0.03)	0.830	0.059	-0.023	0.041	0.572	-0.02 (-0.10, 0.06)	0.001	0.743	-0.036	0.037	0.331	-0.04 (-0.11, 0.04)	-0.030	0.037	0.421	-0.03 (-0.10, 0.04)
4769_10	OLFM4	Olfactomed	226	-0.011	0.019	0.543	-0.01 (-0.05, 0.03)	0.830	0.459	0.061	0.038	0.108	0.06 (-0.01, 0.14)	-0.005	0.028	0.043	0.035	0.226	0.04 (-0.03, 0.11)	0.059	0.044	0.182	0.06 (-0.03, 0.14)
6390_18	NPS	NPS	226	0.012	0.019	0.543	0.01 (-0.03, 0.05)	0.830	0.110	0.097	0.041	0.018	0.10 (0.02, 0.18)	-0.005	0.016	0.046	0.041	0.267	0.05 (-0.04, 0.13)	0.059	0.043	0.170	0.06 (-0.03, 0.14)
8306_54	PRRG1	TMG1	226	0.012	0.019	0.542	0.01 (-0.03, 0.05)	0.830	0.490	-0.017	0.039	0.670	-0.02 (-0.09, 0.06)	0.002	0.402	0.029	0.037	0.440	0.03 (-0.04, 0.10)	0.031	0.038	0.423	0.03 (-0.04, 0.11)
8970_9	RIPK2	RIPK2	226	-0.011	0.018	0.543	-0.01 (-0.05, 0.02)	0.830	0.680	-0.003	0.036	0.930	-3.18e-03 (-0.07, 0.07)	0.000	0.806	-0.036	0.037	0.329	-0.04 (-0.11, 0.04)	-0.025	0.036	0.477	-0.03 (-0.10, 0.04)
9000_177	SLC3A1	SLC31	226	-0.012	0.019	0.543	-0.01 (-0.05, 0.03)	0.830	0.749	-0.018	0.039	0.650	-0.02 (-0.09, 0.06)	0.000	0.860	-0.017	0.039	0.657	-0.02 (-0.09, 0.06)	-0.031	0.041	0.444	-0.03 (-0.11, 0.05)
6069_71	SUMF2	SUMF2	226	0.013	0.022	0.544	0.01 (-0.03, 0.06)	0.831	0.001	0.060	0.043	0.169	0.06 (-0.03, 0.14)	-0.003	0.216	0.003	0.031	0.933	2.64e-03 (-0.06, 0.0	0.006	0.040	0.874	0.01 (-0.07, 0.08)
6930_95	ST8SIA6	SIA8F	226	-0.012	0.019	0.544	-0.01 (-0.05, 0.03)	0.831	0.358	-0.005	0.039	0.891	-0.01 (-0.08, 0.07)	0.000	0.855	-0.030	0.039	0.439	-0.03 (-0.11, 0.05)	-0.010	0.041	0.811	-0.01 (-0.09, 0.07)
10583_1	TMEM108	TM108	226	-0.013	0.021	0.545	-0.01 (-0.06, 0.03)	0.831	0.009	0.090	0.043	0.035	0.09 (0.01, 0.17)	-0.006	0.006	0.035	0.035	0.310	0.04 (-0.03, 0.10)	0.030	0.040	0.452	0.03 (-0.05, 0.11)
16825_20	ATXN3	ATX3	226	0.011	0.019	0.544	0.01 (-0.03, 0.05)	0.831	0.564	0.026	0.037	0.481	0.03 (-0.05, 0.10)	-0.001	0.642	-0.040	0.032	0.216	-0.04 (-0.10, 0.02)	-0.047	0.037	0.209	-0.05 (-0.12, 0.03)
7096_30	RMDN1	RMD1	226	0.011	0.018	0.545	0.01 (-0.02, 0.05)	0.831	0.656	-0.020	0.036	0.591	-0.02 (-0.09, 0.05)	0.002	0.335	-0.025	0.030	0.413	-0.02 (-0.08, 0.03)	-0.043	0.039	0.282	-0.04 (-0.12, 0.03)
17357_33	SEPSECS	SPCS	226	0.011	0.018	0.545	0.01 (-0.03, 0.05)	0.832	0.132	-0.024	0.039	0.534	-0.02 (-0.10, 0.05)	0.002	0.297	-0.001	0.035	0.972	-1.20e-03 (-0.07, 0.(	-0.014	0.038	0.709	-0.01 (-0.09, 0.06)
7015_8	LILRB5	LIRB5	226	-0.012	0.020	0.546	-0.01 (-0.05, 0.03)	0.832	0.841	0.001	0.039	0.976	1.18e-03 (-0.08, 0.08)	-0.001	0.704	0.011	0.040	0.775	0.01 (-0.07, 0.09)	0.015	0.043	0.725	0.01 (-0.07, 0.10)
15613_16	PNLIP	LIPP	226	0.021	0.034	0.546	0.02 (-0.05, 0.09)	0.832	5.14E-50	0.157	0.069	0.024	0.16 (0.02, 0.29)	-0.008	0.024	0.035	0.041	0.394	0.04 (-0.05, 0.12)	0.035	0.043	0.425	0.03 (-0.05, 0.12)
5643_2	LCN8	LCN8	226	-0.012	0.019	0.546	-0.01 (-0.05, 0.03)	0.832	0.941	0.045	0.039	0.249	0.04 (-0.03, 0.12)	-0.004	0.095	0.027	0.036	0.460	0.03 (-0.04, 0.10)	0.022	0.041	0.583	0.02 (-0.06, 0.10)
7019_13	SEMA7A	Semaphori	226	0.013	0.021	0.546	0.01 (-0.03, 0.05)	0.832	0.013	0.068	0.042	0.110	0.07 (-0.01, 0.15)	-0.003	0.134	-0.001	0.041	0.987	-6.57e-04 (-0.08, 0.(	0.028	0.040	0.484	0.03 (-0.05, 0.11)
9964_10	MYZAP	MYZAP	226	-0.012	0.020	0.547	-0.01 (-0.05, 0.03)	0.833	0.807	-0.018	0.039	0.654	-0.02 (-0.09, 0.06)	0.000	0.864	-0.021	0.039	0.588	-0.02 (-0.10, 0.05)	-0.033	0.042	0.435	-0.03 (-0.12, 0.05)
11137_43	CSF2RB	IL3RB	226	0.012	0.019	0.548	0.01 (-0.03, 0.05)	0.833	0.497	0.012	0.039	0.767	0.01 (-0.06, 0.09)	0.000	0.998	0.030	0.033	0.361	0.03 (-0.03, 0.10)	0.030	0.042	0.481	0.03 (-0.05, 0.11)
11587_5	MGA	MGAP	226	0.013	0.021	0.548	0.01 (-0.03, 0.05)	0.833	0.025	0.026	0.042	0.542	0.03 (-0.06, 0.11)	-0.001	0.719	-0.013	0.039	0.745	-0.01 (-0.09, 0.06)	-0.006	0.040	0.873	-0.01 (-0.09, 0.07)
18860_2	CAMKK1	CaMKK alp	226	-0.012	0.019	0.548	-0.01 (-0.05, 0.03)	0.833	0.893	-0.007	0.039	0.867	-0.01 (-0.08, 0.07)	0.000	0.881	0.031	0.037	0.399	0.03 (-0.04, 0.10)	0.033	0.042	0.434	0.03 (-0.05, 0.11)
5196_7	NMT1	NMT1	226	0.011	0.018	0.547	0.01 (-0.02, 0.05)	0.833	0.601	-0.020	0.036	0.590	-0.02 (-0.09, 0.05)	0.002	0.335	-0.041	0.032	0.196	-0.04 (-0.10, 0.02)	-0.033	0.038	0.388	-0.03 (-0.11, 0.04)
6378_2	C5orf38	CEI	226	0.021	0.035	0.548	0.02 (-0.05, 0.09)	0.833	6.55E-60	0.017	0.070	0.808	0.02 (-0.12, 0.16)	0.000	0.950	0.108	0.031	0.001	0.11 (0.05, 0.17)	0.097	0.037	0.009	0.10 (0.02, 0.17)
8076_4	SPACA3	SACA3	226	0.013	0.022	0.548	0.01 (-0.03, 0.06)	0.833	0.020	0.016	0.043	0.718	0.02 (-0.07, 0.10)	0.000	0.942	-0.017	0.034	0.615	-0.02 (-0.08, 0.05)	-0.017	0.043	0.690	-0.02 (-0.10, 0.07)
9715_15	IGSF3	IGSF3	226	0.013	0.022	0.548	0.01 (-0.03, 0.06)	0.833	2.78E-04	0.080	0.043	0.064	0.08 (-4.12e-03, 0.17)	-0.004	0.073	0.038	0.038	0.307	0.04 (-0.04, 0.11)	0.024	0.041	0.552	0.02 (-0.06, 0.10)
18195_3	ORAOV1	ORAV1	226	0.012	0.019	0.549	0.01 (-0.03, 0.05)	0.833	0.163	-0.058	0.040	0.149	-0.06 (-0.14, 0.02)	0.004	0.047	-0.006	0.042	0.890	-0.01 (-0.09, 0.08)	-0.020	0.039	0.606	-0.02 (-0.10, 0.06)
18323_39	CRMP1	DRP-1	226	0.012	0.020	0.549	0.01 (-0.03, 0.05)	0.833	0.861	-0.003	0.039	0.935	-3.21e-03 (-0.08, 0.07)	0.001	0.663	0.027	0.041	0.513	0.03 (-0.05, 0.11)	0.042	0.042	0.321	0.04 (-0.04, 0.12)
5879_51	DCTN2	Dynactin su	226	0.013	0.022	0.549	0.01 (-0.03, 0.06)	0.833	2.86E-04	0.026	0.044	0.557	0.03 (-0.06, 0.11)	-0.001	0.738	-0.004	0.036	0.902	-4.50e-03 (-0.08, 0.(	0.011	0.038	0.767	0.01 (-0.06, 0.09)
6228_58	SPACA1	sperm acro	226	-0.012	0.019	0.549	-0.01 (-0.05, 0.03)	0.833	0.308	0.022	0.040	0.586	0.02 (-0.06, 0.10)	-0.002	0.336	0.033	0.038	0.383	0.03 (-0.04, 0.11)	0.035	0.043	0.416	0.03 (-0.05, 0.12)
7916_10	S100A7	S100A7	226	0.012	0.020	0.549	0.01 (-0.03, 0.05)	0.833	0.792	0.030	0.040	0.455	0.03 (-0.05, 0.11)	-0.001	0.604	-0.004	0.037	0.923	-3.53e-03 (-0.08, 0.(	0.013	0.039	0.739	0.01 (-0.06, 0.09)
18202_22	CD37	CD37	226	0.013	0.021	0.550	0.01 (-0.03, 0.05)	0.833	0.036	-0.008	0.042	0.841	-0.01 (-0.09, 0.07)	0.001	0.567	0.052	0.036	0.148	0.05 (-0.02, 0.12)	0.039	0.042	0.348	0.04 (-0.04, 0.12)
6936_7	PMEPA1	PMEPA	226	0.011	0.019	0.550	0.01 (-0.03, 0.05)	0.833	0.965	0.030	0.038	0.430	0.03 (-0.04, 0.11)	-0.001	0.570	0.025	0.037	0.501	0.03 (-0.05, 0.10)	0.024	0.039	0.551	0.02 (-0.05, 0.10)
10453_7	CEACAM2(	CEA20	226	0.012	0.019	0.550	0.01 (-0.03, 0.05)	0.833	0.153	-0.035	0.041	0.397	-0.03 (-0.11, 0.05)	0.003	0.194	-0.017	0.039	0.667	-0.02 (-0.09, 0.06)	-0.032	0.042	0.438	-0.03 (-0.11, 0.05)
10876_300	BRAT1	BRAT1	226	-0.013	0.021	0.550	-0.01 (-0.05, 0.03)	0.833	0.008	0.057	0.042	0.176	0.06 (-0.03, 0.14)	-0.004	0.058	0.001	0.040	0.987	6.26e-04 (-0.08, 0.0	-0.001	0.039	0.977	-1.13e-03 (-0.08, 0.07)
11352_42	TTN	TITIN	226	0.012	0.019	0.550	0.01 (-0.03, 0.05)	0.833	0.109	0.073	0.041	0.080	0.07 (-0.01, 0.15)	-0.004	0.090	0.047	0.037	0.199	0.05 (-0.02, 0.12)	0.049	0.039	0.204	0.05 (-0.03, 0.13)
16850_5	RGS5	RGS5	226	-0.013	0.021	0.550	-0.01 (-0.05, 0.03)	0.833	0.012	-0.006	0.042	0.885	-0.01 (-0.09, 0.08)	0.000	0.862	0.009	0.035	0.790	0.01 (-0.06, 0.08)	0.000	0.041	0.999	-3.14e-05 (-0.08, 0.08)
4533_76	ADAMTS15	ATS15	226	-0.011	0.019	0.550	-0.01 (-0.05, 0.03)	0.833	0.220	0.028	0.040	0.484	0.03 (-0.05, 0.11)	-0.002	0.257	-0.054	0.038	0.151	-0.05 (-0.13, 0.02)	-0.039	0.043	0.369	-0.04 (-0.12, 0.05)
11144_10	DEFB116	DB116	226	-0.012	0.020	0.551	-0.01 (-0.05, 0.03)	0.834	0.217	-0.028	0.041	0.494	-0.03 (-0.11, 0.05)	0.001	0.646	-0.068	0.035	0.052	-0.07 (-0.14, 6.63e-(	-0.077	0.043	0.079	-0.08 (-0.16, 0.01)
12329_21	RPS6KA1	KS6A1	226	0.011	0.019	0.551	0.01 (-0.03, 0.05)	0.834	0.150	-0.037	0.040	0.362	-0.04 (-0.12, 0.04)	0.003	0.169	-0.011	0.031	0.728	-0.01 (-0.07, 0.05)	-0.078	0.044	0.081	-0.08 (-0.16, 0.01)
7866_11	DNAJC30	DJC30	226	0.011	0.018	0.551	0.01 (-0.02, 0.05)	0.834	0.646	0.006	0.037	0.879	0.01 (-0.07, 0.08)	0.000	0.869	-0.014	0.031	0.650	-0.01 (-0.07, 0.05)	-0.004	0.038	0.907	-4.39e-03 (-0.08, 0.07)
14631_22	DUSP16	DUS16	226	0.012	0.019	0.552	0.01 (-0.03, 0.05)	0.834	0.445	-0.001	0.039	0.989	-5.47e-04 (-0.08, 0.08)	0.001	0.723	0.013	0.039	0.736	0.01 (-0.06, 0.09)	0.017	0.039	0.655	0.02 (-0.06, 0.09)
7813_6	ALPP	Alkaline ph	226	-0.013	0.022	0.552	-0.01 (-0.06, 0.03)	0.834	0.008	-0.018	0.044	0.681	-0.02 (-0.10, 0.07)	0.000	0.894	0.025	0.037	0.499	0.03 (-0.05, 0.10)	0.008	0.043	0.858	0.01 (-0.08, 0.09)
3316_58	SERPIND1	Heparin co	226	0.014	0.023	0.553	0.01 (-0.03, 0.06)	0.835	1.17E-05	-0.027	0.047	0.567	-0.03 (-0.12, 0.06)	0.003	0.318	0.043	0.041	0.295	0.04 (-0.04, 0.12)	0.051	0.041	0.209	0.05 (-0.03, 0.13)
12431_13	PELO	PELO	226	0.012	0.019	0.554	0.01 (-0.03, 0.05)	0.835	0.218	-0.036	0.041	0.379	-0.04 (-0.12, 0.04)	0.003	0.181	-0.029	0.034	0.386	-0.03 (-0.10, 0.04)	-0.037	0.039	0.339	-0.04 (-0.11, 0.04)
12459_13	PLEKHA1	PKHA1	226	0.012	0.021	0.553	0.01 (-0.03, 0.05)	0.835	0.021	-0.021	0.042	0.620	-0.02 (-0.10, 0.06)	0.002	0.363	-0.024	0.037	0.510	-0.02 (-0.10, 0.05)	-0.018	0.037	0.623	-0.02 (-0.09, 0.05)
19295_32	PPP1CC	PP1G	226	-0.011	0.019	0.553	-0.01 (-0.05, 0.03)	0.835	0.911	0.014	0.038	0.718	0.01 (-0.06, 0.09)	-0.002	0.451	-0.030	0.035	0.399	-0.03 (-0.10, 0.04)	-0.020	0.038	0.609	-0.02 (-0.09, 0.06)
19373_3	MYL12A	MLRM	226	0.011	0.019	0.553	0.01 (-0.03, 0.05)	0.835	0.205	0.026	0.040	0.522	0.03 (-0.05, 0.10)	-0.001	0.680	-0.002	0.033	0.963	-1.54e-03 (-0.07, 0.(	-0.002	0.042	0.965	-1.86e-03 (-0.08, 0.08)
9340_17	FKBP14	FKB14	226	0.011	0.018	0.554	0.01 (-0.02, 0.05)	0.835	0.155	-0.002	0.039	0.963	-1.77e-03 (-0.08, 0.07)	0.001	0.707	-0.042	0.032	0.186	-0.04 (-0.10, 0.02)	-0.030	0.039	0.448	-0.03 (-0.11, 0.05)
9379_248	SMIM10	CX069	226	-0.012	0.019	0.554	-0.01 (-0.05, 0.03)	0.835	0.581	-0.034	0.039	0.391	-0.03 (-0.11, 0.04)	0.001	0.516	0.009	0.034	0.788	0.01 (-0.06, 0.07)	0.022	0.042	0.602	0.02 (-0.06, 0.10)
3623_84	LY86	LY86	226	0.011	0.018	0.554	0.01 (-0.02, 0.05)	0.836	0.169	-0.014	0.038	0.703	-0.01 (-0.09, 0.06)	0.002	0.446	-0.029	0.034	0.386	-0.03 (-0.09, 0.04)	-0.017	0.040	0.670	-0.02 (-0.09, 0.06)
16887_29	PTRH2	PTH2	226	-0.011	0.019	0.555	-0.01 (-0.05, 0.03)	0.836	0.576	0.004	0.038	0.915	4.00e-03 (-0.07, 0.08)	-0.001	0.645	-0.028	0.038	0.466	-0.03 (-0.10, 0.05)	-0.037	0.043	0.391	-0.04 (-0.12, 0.05)
13943_38	DPY30	DPY30	226	0.011	0.018	0.555	0.01 (-0.03, 0.05)	0.836	0.151	0.000	0.039	0.992	-3.91e-04 (-0.08, 0.08)	0.001	0.739	-0.011	0.030	0.726	-0.01 (-0.07, 0.05)	-0.025	0.039	0.533	-0.02 (-0.10, 0.05)
7796_10	CD79A	CD79A	226	-0.011	0.019	0.555	-0.01 (-0.05, 0.03)	0.837	0.084	0.065	0.040	0.109	0.07 (-0.01, 0.14)	-0.005	0.031	0.004	0.032	0.901	3.94e-03 (-0.06, 0.0	0.033	0.044	0.450	0.03 (-0.05, 0.12)
13686_2	IL5RA	IL-5 Ra	226	0.012	0.021	0.556	0.01 (-0.03, 0.05)	0.838	0.008	0.006	0.043	0.886	0.01 (-0.08, 0.09)	0.000	0.865	-0.012	0.040	0.761	-0.01 (-0.09, 0.07)	-0.002	0.039	0.956	-2.11e-03 (-0.08, 0.07)
5018_68	PRDX6	Peroxiredo	226	-0.011	0.018	0.557	-0.01 (-0.05, 0.02)	0.838	0.959	-0.005	0.037	0.890	-0.01 (-0.08, 0.07)	0.000	0.860	-0.029	0.031	0.344	-0.03 (-0.09, 0.03)	-0.023	0.038	0.544	-0.02 (-0.10, 0.05)
10000_28	CRYBB2	CRBB2	226	-0.013	0.022	0.557	-0.01 (-0.05, 0.03)	0.838	0.005	0.012	0.043	0.788	0.01 (-0.07, 0.10)	-0.002	0.519	-0.007	0.040	0.862	-0.01 (-0.09, 0.07)	0.007	0.042	0.864	0.01 (-0.08, 0.09)
7219_152	HSPA1A	HSP 70	226	0.013	0.022	0.557	0.01 (-0.03, 0.06)	0.838	0.002	-0.021	0.044	0.629	-0.02 (-0.11, 0.06)	0.002	0.373	0.039	0.035	0.262	0.04 (-0.03, 0.11)	-0.010	0.044	0.822	-0.01 (-0.10, 0.08)
15641_20	TMEFF1	TEFF1	226	-0.013	0.022	0.558	-0.01 (-0.06, 0.03)	0.839	1.99E-05	0.025	0.044	0.568	0.03 (-0.06, 0.11)	-0.002	0.321	0.005	0.039	0.892	0.01 (-0.07, 0.08)	0.012	0.039	0.749	0.01 (-0.06, 0.09)
5092_51	JAG1	JAG1	226	-0.011	0.018	0.559	-0.01 (-0.05, 0.03)	0.839	0.132	0.061	0.039	0.119	0.06 (-0.02, 0.14)	-0.004	0.035	0.013	0.031	0.676	0.01 (-0.05, 0.07)	0.036	0.041	0.375	0.04 (-0.04, 0.12)
5346_24	CPNE1	CPNE1	226	-0.011	0.019	0.559	-0.01 (-0.05, 0.03)	0.839	0.809	0.001	0.039	0.981	9.33e-04 (-0.07, 0.08)	-0.001	0.717	-0.025	0.036	0.485	-0.03 (-0.10, 0.05)	-0.013	0.040	0.753	-0.01 (-0.09, 0.07)
5457_5	COLEC12	COLEC12	226	-0.011	0.018	0.559	-0.01 (-0.05, 0.03)	0.839	0.747	0.042	0.037	0.253	0.04 (-0.03, 0.11)	-0.003	0.099	0.027	0.033	0.417	0.03 (-0.04, 0.09)	0.019	0.041	0.640	0.02 (-0.06, 0.10)
5534_49	TNFRSF10I	TRAIL R2	226	-0.011	0.019	0.558	-0.01 (-0.05, 0.03)	0.839	0.517	0.012	0.038	0.760	0.01 (-0.06, 0.09)	-0.001	0.493	0.013	0.037	0.727	0.01 (-0.06, 0.09)	0.017	0.040	0.662	0.02 (-0.06, 0.09)
5634_39	POFUT1	OFUT1	226	0.011	0.019	0.559	0.01 (-0.03, 0.05)	0.839	0.285	0.023	0.040	0.564	0.02 (-0.06, 0.10)	-0.001	0.734	-0.019	0.037	0.609	-0.02 (-0.09, 0.05)	-0.015	0.038	0.682	-0.02 (-0.09, 0.06)
7932_23	SYT8	SYT8	226	-0.011	0.019	0.558	-0.01 (-0.05, 0.03)	0.839	0.634	-0.055	0.039	0.156	-0.06 (-0.13, 0.02)	0.003	0.194	0.012	0.037	0.736	0.01 (-0.06, 0.08)	-0.017	0.039	0.660	-0.02 (-0.09, 0.06)
8068_43	KIAA1161	K1161	226	0.012	0.021	0.559	0.01 (-0.03, 0.05)	0.839	0.011	-0.021	0.043	0.627	-0.02 (-0.10, 0.06)	0.002	0.371	-0.029	0.038	0.440	-0.03 (-0.10, 0.05)	-0.009	0.043	0.834	-0.01 (-0.09, 0.08)
10507_166	ACRV1	sperm prote	226	0.011	0.020	0.560	0.01 (-0.03, 0.05)	0.839	0.214	-0.042	0.041	0.303	-0.04 (-0.12, 0.04)	0.003	0.132	-0.030	0.040	0.458	-0.03 (-0.11, 0.05)	-0.051	0.043	0.235	-0.05 (-0.13, 0.03)
13514_121	RAB35	Rab-1C	226	-0.011	0.019	0.559	-0.01 (-0.05, 0.03)	0.839	0.102	-0.074	0.041	0.073	-0.07 (-0.15, 0.01)	0.004	0.080	0.019	0.039	0.627	0.02 (-0.06, 0.09)	0.022	0.043	0.616	0.02 (-0.06, 0.11)
15427_35	LOXL3	LOXL3	226	0.012	0.020	0.560	0.01 (-0.03, 0.05)	0.839	0.021	0.021	0.040	0.598	0.02 (-0.06, 0.10)	-0.001	0.783	-0.013	0.036	0.715	-0.01 (-0.08, 0.06)	-0.019	0.040	0.626	-0.02 (-0.10, 0.06)
17397_8	HSD17B11	DHB11	226	-0.011	0.020	0.559	-0.01 (-0.05, 0.03)	0.839	0.540	0.006	0.039	0.876	0.01 (-0.07, 0.08)	-0.001	0.608	-0.030	0.038	0.440	-0.03 (-0.11, 0.05)	-0.034	0.040	0.387	-0.03 (-0.11, 0.04)
9898_161	ARID1A	ARI1A	226	0.011	0.019	0.560	0.01 (-0.03, 0.05)	0.839	0.288	-0.026	0.040	0.514	-0.03 (-0.10, 0.05)	0.002	0.282	-0.002	0.039	0.959	-2.02e-03 (-0.08, 0.(	0.005	0.040	0.896	0.01 (-0.07, 0.08)
9928_125	LECT1	LECT1	226	0.011	0.019	0.559	0.01 (-0.03, 0.05)	0.839	0.514	0.036	0.039	0.364	0.04 (-0.04, 0.11)	-0.002	0.477	0.000	0.040	0.990	-4.88e-04 (-0.08, 0.(	0.019	0.036	0.592	0.02 (-0.05, 0.09)
12530_14	CKS1B	CKS-1	226	0.011	0.019	0.560	0.01 (-0.03, 0.05)	0.839	0.300	0.019	0.039	0.623	0.02 (-0.06, 0.10)	-0.001	0.809	-0.029	0.035	0.417	-0.03 (-0.10, 0.04)	0.009	0.039	0.814	0.01 (-0.07, 0.08)
3902_21	SKP1	SKP1	226	0.011	0.018	0.561	0.01 (-0.03, 0.05)	0.839	0.552	0.038	0.037	0.297	0.04 (-0.03, 0.11)	-0.002	0.384	0.009	0.037	0.815	0.01 (-0.06, 0.08)	-0.003	0.038	0.936	-3.07e-03 (-0.08, 0.07)
3010_53	TSLP	TSLP	226	0.012	0.020	0.561	0.01 (-0.03, 0.05)	0.840	0.035	0.002	0.040	0.965	1.76e-03 (-0.08, 0.08)	0.001	0.779	-0.026	0.031	0.408	-0.03 (-0.09, 0.04)	-0.033	0.043	0.442	-0.03 (-0.12, 0.05)
3122_6	DIABLO	SMAC	226	-0.013	0.022	0.562	-0.01 (-0.06, 0.03)	0.841	0.002	-0.010	0.045	0.818	-0.01 (-0.10, 0.08)	0.000	0.947	-0.002	0.040	0.956	-2.21e-03 (-0.08, 0.(	-0.013	0.039	0.734	-0.01 (-0.09, 0.06)
3728_52	SCT	Secretin	226	-0.011	0.020	0.562	-0.01 (-0.05, 0.03)	0.841	0.287	0.027	0.040	0.496	0.03 (-0.05, 0.11)	-0.002	0.269	-0.014	0.040	0.728	-0.01 (-0.09, 0.06)	-0.017	0.044	0.696	-0.02 (-0.10, 0.07)
5252_33	PDE11A	PDE11	226	0.011	0.018	0.562	0.01 (-0.03, 0.05)	0.841	0.411	0.016	0.037	0.667	0.02 (-0.06, 0.09)	0.000	0.866	-0.009	0.033	0.788	-0.01 (-0.07, 0.06)	-0.001	0.039	0.980	-9.94e-04 (-0.08, 0.08)
18399_1	AKAP7	AKA7A	226	0.011	0.020	0.562	0.01 (-0.03, 0.05)	0.841	0.302	-0.047	0.040	0.247	-0.05 (-0.13, 0.03)	0.004	0.098	0.027	0.039	0.488	0.03 (-0.05, 0.10)	0.019	0.040	0.634	0.02 (-0.06, 0.10)
11330_15	CSNK2B	CSK2B	226	0.011	0.019	0.563	0.01 (-0.03, 0.05)	0.841	0.696	0.030	0.039	0.450	0.03 (-0.05, 0.11)	-0.001	0.589	-0.009	0.040	0.816	-0.01 (-0.09, 0.07)	0.004	0.049	0.939	3.82e-03 (-0.09, 0.10)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
3025_50	FGF2	bFGF	226	-0.011	0.019	0.563	-0.01 (-0.05, 0.03)	0.841	0.631	-0.009	0.039	0.816	-0.01 (-0.09, 0.07)	0.000	0.951	-0.037	0.038	0.329	-0.04 (-0.11, 0.04)	-0.018	0.039	0.651	-0.02 (-0.09, 0.06)
5245_40	PRKAA2	AMPK a2b2	226	0.010	0.018	0.563	0.01 (-0.02, 0.05)	0.841	0.632	-0.001	0.036	0.974	-1.16e-03 (-0.07, 0.07)	0.001	0.714	-0.023	0.035	0.510	-0.02 (-0.09, 0.05)	-0.012	0.035	0.728	-0.01 (-0.08, 0.06)
12879_5	RBL1	p107	226	-0.011	0.019	0.563	-0.01 (-0.05, 0.03)	0.841	0.697	-0.014	0.039	0.722	-0.01 (-0.09, 0.06)	0.000	0.937	-0.020	0.031	0.526	-0.02 (-0.08, 0.04)	-0.062	0.047	0.190	-0.06 (-0.15, 0.03)
18947_3	LRRC3B	LRC3B	226	0.012	0.021	0.564	0.01 (-0.03, 0.05)	0.841	0.035	0.038	0.042	0.369	0.04 (-0.04, 0.12)	-0.002	0.481	0.059	0.038	0.125	0.06 (-0.02, 0.13)	0.077	0.041	0.063	0.08 (-3.70e-03, 0.16)
4151_6	PLG	Plasminoge	226	-0.012	0.021	0.564	-0.01 (-0.05, 0.03)	0.841	0.014	0.024	0.043	0.580	0.02 (-0.06, 0.11)	-0.002	0.334	0.043	0.038	0.262	0.04 (-0.03, 0.12)	0.053	0.039	0.179	0.05 (-0.02, 0.13)
13634_209	PIR	PIR	226	0.011	0.020	0.564	0.01 (-0.03, 0.05)	0.841	0.403	0.022	0.040	0.575	0.02 (-0.06, 0.10)	-0.001	0.748	0.046	0.040	0.251	0.05 (-0.03, 0.12)	0.031	0.041	0.452	0.03 (-0.05, 0.11)
18880_81	COL3A1	Collagen Ty	226	-0.012	0.021	0.564	-0.01 (-0.05, 0.03)	0.841	0.033	-0.022	0.042	0.606	-0.02 (-0.10, 0.06)	0.001	0.791	-0.019	0.039	0.631	-0.02 (-0.10, 0.06)	-0.014	0.042	0.733	-0.01 (-0.10, 0.07)
12560_9	NT5C	NT5C	226	0.011	0.019	0.565	0.01 (-0.03, 0.05)	0.842	0.477	-0.020	0.038	0.604	-0.02 (-0.09, 0.05)	0.002	0.355	-0.002	0.030	0.949	-1.95e-03 (-0.06, 0.0	-0.012	0.035	0.723	-0.01 (-0.08, 0.06)
12591_27	OPHN1	Oligophreni	226	-0.011	0.018	0.565	-0.01 (-0.05, 0.03)	0.842	0.625	-0.044	0.037	0.230	-0.04 (-0.12, 0.03)	0.002	0.291	-0.056	0.034	0.105	-0.06 (-0.12, 0.01)	-0.046	0.040	0.247	-0.05 (-0.12, 0.03)
3832_51	PTK6	PTK6	226	-0.012	0.021	0.565	-0.01 (-0.05, 0.03)	0.842	0.039	0.045	0.042	0.284	0.05 (-0.04, 0.13)	-0.004	0.118	0.025	0.041	0.541	0.03 (-0.06, 0.11)	0.032	0.042	0.447	0.03 (-0.05, 0.11)
8877_22	EVA1C	F176C	226	0.011	0.019	0.565	0.01 (-0.03, 0.05)	0.842	0.344	0.031	0.040	0.440	0.03 (-0.05, 0.11)	-0.001	0.571	-0.007	0.032	0.831	-0.01 (-0.07, 0.06)	-0.028	0.047	0.557	-0.03 (-0.12, 0.06)
11336_9	FANCF	FANCF	226	0.011	0.020	0.566	0.01 (-0.03, 0.05)	0.843	0.177	0.040	0.041	0.327	0.04 (-0.04, 0.12)	-0.002	0.415	-0.008	0.038	0.832	-0.01 (-0.08, 0.07)	-0.006	0.041	0.884	-0.01 (-0.09, 0.07)
13961_18	KIF3A	KIF3A	226	0.012	0.021	0.566	0.01 (-0.03, 0.05)	0.843	0.013	-0.047	0.042	0.268	-0.05 (-0.13, 0.04)	0.004	0.109	-0.006	0.039	0.871	-0.01 (-0.08, 0.07)	-0.007	0.040	0.854	-0.01 (-0.09, 0.07)
8597_1	TMEM9	TMEM9	226	-0.013	0.023	0.566	-0.01 (-0.06, 0.03)	0.843	1.49E-04	-0.015	0.046	0.737	-0.02 (-0.10, 0.07)	0.000	0.953	-0.016	0.039	0.694	-0.02 (-0.09, 0.06)	-0.010	0.038	0.804	-0.01 (-0.08, 0.07)
10842_7	GCNT4	GCNT4	226	0.011	0.019	0.567	0.01 (-0.03, 0.05)	0.843	0.250	-0.007	0.041	0.854	-0.01 (-0.09, 0.07)	0.001	0.597	0.023	0.041	0.577	0.02 (-0.06, 0.10)	0.025	0.041	0.535	0.03 (-0.05, 0.11)
6572_10	LRRTM4	LRRT4	226	-0.011	0.020	0.567	-0.01 (-0.05, 0.03)	0.843	0.683	0.026	0.039	0.509	0.03 (-0.05, 0.10)	-0.002	0.276	0.014	0.039	0.718	0.01 (-0.06, 0.09)	0.011	0.040	0.789	0.01 (-0.07, 0.09)
10370_21	STAT1	STAT1	226	0.010	0.018	0.567	0.01 (-0.02, 0.05)	0.843	0.830	0.020	0.036	0.573	0.02 (-0.05, 0.09)	-0.001	0.747	-0.017	0.034	0.615	-0.02 (-0.08, 0.05)	-0.018	0.042	0.669	-0.02 (-0.10, 0.06)
13688_2	CAPSL	CAPSL	226	-0.011	0.019	0.567	-0.01 (-0.05, 0.03)	0.843	0.426	-0.003	0.039	0.942	-2.83e-03 (-0.08, 0.07)	-0.001	0.810	-0.045	0.035	0.203	-0.04 (-0.11, 0.02)	-0.024	0.041	0.553	-0.02 (-0.10, 0.06)
17721_82	GAS7	GAS7	226	-0.012	0.021	0.567	-0.01 (-0.05, 0.03)	0.843	0.015	0.013	0.042	0.763	0.01 (-0.07, 0.09)	-0.002	0.501	0.031	0.035	0.369	0.03 (-0.04, 0.10)	0.027	0.042	0.523	0.03 (-0.06, 0.11)
11590_5	RBM23	RBM23	226	0.011	0.019	0.568	0.01 (-0.03, 0.05)	0.843	0.149	0.033	0.040	0.414	0.03 (-0.05, 0.11)	-0.001	0.528	0.012	0.038	0.756	0.01 (-0.06, 0.09)	0.021	0.038	0.593	0.02 (-0.05, 0.10)
12881_17	RDH16	RDH16	226	0.013	0.023	0.568	0.01 (-0.03, 0.06)	0.843	2.35E-04	-0.002	0.045	0.972	-1.58e-03 (-0.09, 0.09)	0.001	0.715	0.003	0.036	0.933	3.00e-03 (-0.07, 0.0	0.012	0.042	0.781	0.01 (-0.07, 0.10)
13655_34	NCL	Nucleolin	226	0.011	0.019	0.569	0.01 (-0.03, 0.05)	0.843	0.151	0.049	0.040	0.215	0.05 (-0.03, 0.13)	-0.002	0.263	0.004	0.040	0.913	4.32e-03 (-0.07, 0.0	0.022	0.041	0.591	0.02 (-0.06, 0.10)
13978_122	TBX3	Tbx3	226	-0.011	0.019	0.568	-0.01 (-0.05, 0.03)	0.843	0.241	0.010	0.041	0.814	0.01 (-0.07, 0.09)	-0.001	0.558	0.009	0.032	0.774	0.01 (-0.05, 0.07)	0.042	0.044	0.349	0.04 (-0.05, 0.13)
14156_33	YWHAB	14-3-3 prot	226	0.010	0.018	0.569	0.01 (-0.02, 0.04)	0.843	0.493	-0.008	0.035	0.830	-0.01 (-0.08, 0.06)	0.001	0.567	-0.037	0.028	0.195	-0.04 (-0.09, 0.02)	-0.062	0.041	0.129	-0.06 (-0.14, 0.02)
14314_6	PPIL2	PPIL2	226	0.012	0.022	0.568	0.01 (-0.03, 0.05)	0.843	0.007	-0.030	0.044	0.489	-0.03 (-0.12, 0.06)	0.003	0.262	0.027	0.039	0.489	0.03 (-0.05, 0.10)	0.024	0.043	0.577	0.02 (-0.06, 0.11)
15383_200	EDN3	Endothelin	226	0.011	0.019	0.569	0.01 (-0.03, 0.05)	0.843	0.487	0.056	0.038	0.143	0.06 (-0.02, 0.13)	-0.003	0.173	0.032	0.033	0.340	0.03 (-0.03, 0.10)	0.033	0.042	0.427	0.03 (-0.05, 0.12)
4128_27	CCL24	Eotaxin-2	226	-0.011	0.020	0.569	-0.01 (-0.05, 0.03)	0.843	0.269	0.001	0.041	0.981	9.78e-04 (-0.08, 0.08)	-0.001	0.731	0.018	0.033	0.590	0.02 (-0.05, 0.08)	0.018	0.038	0.641	0.02 (-0.06, 0.09)
5464_52	GRB2	GRB2 adap	226	-0.011	0.019	0.568	-0.01 (-0.05, 0.03)	0.843	0.652	-0.019	0.038	0.606	-0.02 (-0.09, 0.05)	0.001	0.789	-0.039	0.031	0.218	-0.04 (-0.10, 0.02)	-0.049	0.042	0.239	-0.05 (-0.13, 0.03)
9170_24	IL17A	IL-17	226	0.011	0.019	0.569	0.01 (-0.03, 0.05)	0.843	0.413	0.060	0.039	0.127	0.06 (-0.02, 0.14)	-0.003	0.152	0.052	0.037	0.157	0.05 (-0.02, 0.12)	0.053	0.042	0.206	0.05 (-0.03, 0.13)
5483_1	RGMA	RGMA	226	-0.013	0.023	0.570	-0.01 (-0.06, 0.03)	0.844	7.81E-05	0.024	0.046	0.597	0.02 (-0.07, 0.11)	-0.002	0.351	-0.007	0.039	0.857	-0.01 (-0.08, 0.07)	-0.014	0.042	0.744	-0.01 (-0.10, 0.07)
9713_67	PDGFRL	PGFRL	226	-0.011	0.019	0.570	-0.01 (-0.05, 0.03)	0.844	0.113	0.027	0.041	0.503	0.03 (-0.05, 0.11)	-0.002	0.281	-0.042	0.036	0.241	-0.04 (-0.11, 0.03)	-0.018	0.040	0.662	-0.02 (-0.10, 0.06)
9742_59	DDX39B	BAT1	226	0.011	0.019	0.569	0.01 (-0.03, 0.05)	0.844	0.018	0.010	0.039	0.797	0.01 (-0.07, 0.09)	0.000	0.978	-0.038	0.034	0.254	-0.04 (-0.10, 0.03)	-0.030	0.039	0.435	-0.03 (-0.11, 0.05)
12499_108	SH3GL2	SH3G2	226	0.010	0.018	0.571	0.01 (-0.03, 0.05)	0.844	0.775	0.014	0.037	0.712	0.01 (-0.06, 0.09)	0.000	0.919	0.002	0.032	0.945	2.25e-03 (-0.06, 0.0	-0.009	0.037	0.814	-0.01 (-0.08, 0.06)
14051_54	FOXC2	FOXC2	226	-0.011	0.020	0.571	-0.01 (-0.05, 0.03)	0.844	0.730	0.023	0.039	0.559	0.02 (-0.05, 0.10)	-0.002	0.319	0.018	0.040	0.643	0.02 (-0.06, 0.10)	0.006	0.038	0.877	0.01 (-0.07, 0.08)
2602_2	ANGPT2	Angiopoieti	226	-0.010	0.018	0.570	-0.01 (-0.05, 0.03)	0.844	0.510	-0.001	0.037	0.971	-1.34e-03 (-0.07, 0.07)	-0.001	0.778	0.023	0.031	0.459	0.02 (-0.04, 0.09)	0.009	0.042	0.823	0.01 (-0.07, 0.09)
4964_67	ERAP1	ARTS1	226	0.011	0.019	0.571	0.01 (-0.03, 0.05)	0.844	0.084	0.009	0.042	0.835	0.01 (-0.07, 0.09)	0.000	0.949	-0.032	0.034	0.341	-0.03 (-0.10, 0.03)	-0.020	0.042	0.632	-0.02 (-0.10, 0.06)
8009_121	SURF1	SURF1	226	0.014	0.024	0.571	0.01 (-0.03, 0.06)	0.844	1.44E-07	0.048	0.049	0.328	0.05 (-0.05, 0.14)	-0.002	0.422	0.039	0.032	0.220	0.04 (-0.02, 0.10)	0.107	0.042	0.012	0.11 (0.02, 0.19)
8994_65	SLAMF8	SLAMF8	226	-0.011	0.019	0.571	-0.01 (-0.05, 0.03)	0.844	0.107	-0.053	0.041	0.202	-0.05 (-0.13, 0.03)	0.003	0.244	0.003	0.040	0.937	3.14e-03 (-0.08, 0.0	-0.013	0.043	0.762	-0.01 (-0.10, 0.07)
12720_71	UBQLN4	UBQL4	226	0.010	0.018	0.572	0.01 (-0.03, 0.05)	0.844	0.374	-0.012	0.037	0.739	-0.01 (-0.08, 0.06)	0.001	0.483	-0.026	0.029	0.359	-0.03 (-0.08, 0.03)	-0.042	0.039	0.290	-0.04 (-0.12, 0.04)
13713_164	SEC22A	SC22A	226	-0.010	0.018	0.572	-0.01 (-0.05, 0.03)	0.844	0.162	-0.052	0.039	0.182	-0.05 (-0.13, 0.02)	0.003	0.219	-0.022	0.039	0.572	-0.02 (-0.10, 0.05)	-0.035	0.038	0.360	-0.04 (-0.11, 0.04)
18400_52	ALKBH2	ALKB2	226	-0.011	0.020	0.572	-0.01 (-0.05, 0.03)	0.844	0.222	-0.012	0.041	0.773	-0.01 (-0.09, 0.07)	0.000	0.983	-0.034	0.038	0.376	-0.03 (-0.11, 0.04)	-0.039	0.040	0.328	-0.04 (-0.12, 0.04)
19202_10	BTK	BTK	226	-0.011	0.019	0.572	-0.01 (-0.05, 0.03)	0.844	0.915	-0.008	0.038	0.830	-0.01 (-0.08, 0.07)	0.000	0.939	-0.041	0.037	0.273	-0.04 (-0.11, 0.03)	-0.043	0.041	0.288	-0.04 (-0.12, 0.04)
3073_51	IL18BP	IL-18 BPa	226	-0.011	0.019	0.572	-0.01 (-0.05, 0.03)	0.844	0.248	-0.004	0.039	0.918	-4.00e-03 (-0.08, 0.07)	0.000	0.846	-0.017	0.039	0.655	-0.02 (-0.09, 0.06)	-0.040	0.042	0.346	-0.04 (-0.12, 0.04)
3435_53	FN1	FN1.4	226	0.011	0.019	0.572	0.01 (-0.03, 0.05)	0.844	0.821	0.019	0.039	0.624	0.02 (-0.06, 0.10)	-0.001	0.808	-0.025	0.035	0.484	-0.02 (-0.09, 0.04)	-0.001	0.037	0.980	-9.20e-04 (-0.07, 0.07)
4284_18	RBM39	RBM39	226	-0.010	0.018	0.572	-0.01 (-0.05, 0.03)	0.844	0.121	-0.024	0.039	0.548	-0.02 (-0.10, 0.05)	0.001	0.699	-0.039	0.032	0.222	-0.04 (-0.10, 0.02)	-0.029	0.039	0.455	-0.03 (-0.11, 0.05)
5465_32	HS6ST1	H6ST1	226	-0.014	0.025	0.571	-0.01 (-0.06, 0.03)	0.844	3.61E-11	0.073	0.050	0.144	0.07 (-0.02, 0.17)	-0.005	0.045	-0.013	0.039	0.741	-0.01 (-0.09, 0.06)	-0.020	0.041	0.625	-0.02 (-0.10, 0.06)
14687_6	PLIN3	M6PBP	226	0.011	0.020	0.573	0.01 (-0.03, 0.05)	0.845	0.210	-0.014	0.041	0.740	-0.01 (-0.09, 0.07)	0.002	0.489	0.029	0.042	0.489	0.03 (-0.05, 0.11)	0.007	0.043	0.876	0.01 (-0.08, 0.09)
8976_13	B4GALNT1	B4GN1	226	-0.011	0.020	0.573	-0.01 (-0.05, 0.03)	0.845	0.071	0.032	0.042	0.447	0.03 (-0.05, 0.11)	-0.003	0.240	0.005	0.042	0.903	0.01 (-0.08, 0.09)	0.005	0.045	0.913	4.97e-03 (-0.08, 0.09)
6641_60	UBB	PolyUbiquit	226	-0.010	0.019	0.574	-0.01 (-0.05, 0.03)	0.845	0.304	-0.023	0.038	0.543	-0.02 (-0.10, 0.05)	0.001	0.698	-0.042	0.038	0.261	-0.04 (-0.12, 0.03)	-0.014	0.040	0.724	-0.01 (-0.09, 0.06)
12361_102	RRAS2	RRAS2	226	-0.011	0.019	0.574	-0.01 (-0.05, 0.03)	0.845	0.337	0.054	0.039	0.173	0.05 (-0.02, 0.13)	-0.004	0.060	0.003	0.040	0.944	2.83e-03 (-0.08, 0.0	-0.013	0.043	0.760	-0.01 (-0.10, 0.07)
10043_31	BRD4	BRD4	226	0.010	0.018	0.576	0.01 (-0.02, 0.04)	0.846	0.082	-0.003	0.038	0.947	-2.55e-03 (-0.08, 0.07)	0.001	0.707	-0.033	0.031	0.296	-0.03 (-0.09, 0.03)	-0.020	0.037	0.591	-0.02 (-0.09, 0.05)
10510_62	SCIMP	SCIMP	226	-0.011	0.019	0.575	-0.01 (-0.05, 0.03)	0.846	0.274	0.041	0.040	0.310	0.04 (-0.04, 0.12)	-0.003	0.139	0.008	0.041	0.848	0.01 (-0.07, 0.09)	0.028	0.044	0.529	0.03 (-0.06, 0.11)
11227_31	TBL2	TBL2	226	0.010	0.018	0.575	0.01 (-0.03, 0.05)	0.846	0.589	-0.017	0.036	0.633	-0.02 (-0.09, 0.05)	0.002	0.385	0.006	0.029	0.837	0.01 (-0.05, 0.06)	-0.015	0.038	0.703	-0.01 (-0.09, 0.06)
11406_82	ACAD8	ACAD8	226	0.011	0.019	0.576	0.01 (-0.03, 0.05)	0.846	0.135	0.042	0.041	0.302	0.04 (-0.04, 0.12)	-0.002	0.376	-0.013	0.034	0.695	-0.01 (-0.08, 0.05)	-0.023	0.044	0.608	-0.02 (-0.11, 0.06)
12990_39	MAP3K3	MAP3K3	226	-0.011	0.019	0.575	-0.01 (-0.05, 0.03)	0.846	0.198	-0.039	0.040	0.333	-0.04 (-0.12, 0.04)	0.002	0.420	-0.040	0.037	0.280	-0.04 (-0.11, 0.03)	-0.020	0.037	0.593	-0.02 (-0.09, 0.05)
13423_94	FAM213A	CJ058	226	0.011	0.019	0.576	0.01 (-0.03, 0.05)	0.846	0.252	0.009	0.040	0.825	0.01 (-0.07, 0.09)	0.000	0.957	0.029	0.039	0.463	0.03 (-0.05, 0.11)	0.030	0.042	0.474	0.03 (-0.05, 0.11)
17377_1	AKR1C3	Aldose redu	226	-0.013	0.023	0.576	-0.01 (-0.06, 0.03)	0.846	5.99E-05	-0.021	0.046	0.651	-0.02 (-0.11, 0.07)	0.001	0.840	0.025	0.036	0.483	0.03 (-0.05, 0.10)	0.026	0.042	0.536	0.03 (-0.06, 0.11)
2620_4	IL6ST	gp130, solu	226	-0.013	0.022	0.576	-0.01 (-0.06, 0.03)	0.846	1.49E-04	0.048	0.045	0.292	0.05 (-0.04, 0.14)	-0.004	0.126	0.049	0.035	0.163	0.05 (-0.02, 0.12)	0.050	0.044	0.256	0.05 (-0.04, 0.14)
3466_8	PRKACA	PRKACA	226	-0.011	0.019	0.576	-0.01 (-0.05, 0.03)	0.846	0.556	-0.017	0.038	0.654	-0.02 (-0.09, 0.06)	0.000	0.843	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	-0.006	0.040	0.886	-0.01 (-0.08, 0.07)
3800_71	CKB	CK-BB	226	0.010	0.019	0.575	0.01 (-0.03, 0.05)	0.846	0.748	0.051	0.038	0.177	0.05 (-0.02, 0.13)	-0.003	0.217	0.033	0.038	0.393	0.03 (-0.04, 0.11)	0.032	0.038	0.406	0.03 (-0.04, 0.11)
5351_52	HNRNPA2B	hnRNP A2/	226	0.011	0.019	0.575	0.01 (-0.03, 0.05)	0.846	0.027	-0.007	0.038	0.865	-0.01 (-0.08, 0.07)	0.001	0.607	-0.019	0.037	0.612	-0.02 (-0.09, 0.05)	-0.021	0.037	0.575	-0.02 (-0.09, 0.05)
8959_61	ADAM17	ADAM 17	226	0.010	0.019	0.576	0.01 (-0.03, 0.05)	0.846	0.477	0.006	0.038	0.881	0.01 (-0.07, 0.08)	0.000	0.884	0.005	0.040	0.890	0.01 (-0.07, 0.08)	0.024	0.042	0.571	0.02 (-0.06, 0.11)
9241_40	SIRPG	SIRPG	226	-0.011	0.020	0.575	-0.01 (-0.05, 0.03)	0.846	0.443	-0.023	0.040	0.563	-0.02 (-0.10, 0.05)	0.001	0.728	-0.021	0.040	0.593	-0.02 (-0.10, 0.06)	-0.029	0.040	0.466	-0.03 (-0.11, 0.05)
7249_307	BCL2L10	B2L10	226	-0.012	0.021	0.577	-0.01 (-0.05, 0.03)	0.846	0.049	0.010	0.042	0.809	0.01 (-0.07, 0.09)	-0.001	0.551	0.016	0.032	0.623	0.02 (-0.05, 0.08)	0.069	0.047	0.143	0.07 (-0.02, 0.16)
5259_2	MAP3K7	TAK1-TAB1	226	-0.010	0.019	0.577	-0.01 (-0.05, 0.03)	0.846	0.516	-0.029	0.037	0.437	-0.03 (-0.10, 0.04)	0.001	0.563	-0.046	0.035	0.185	-0.05 (-0.11, 0.02)	-0.049	0.038	0.198	-0.05 (-0.12, 0.03)
10030_8	MUTYH	MutY homo	226	-0.011	0.019	0.578	-0.01 (-0.05, 0.03)	0.847	0.890	0.020	0.039	0.610	0.02 (-0.06, 0.10)	-0.002	0.365	0.032	0.038	0.399	0.03 (-0.04, 0.11)	0.020	0.038	0.603	0.02 (-0.05, 0.09)
17738_7	CRNN	CRNN	226	-0.011	0.019	0.578	-0.01 (-0.05, 0.03)	0.847	0.415	0.024	0.039	0.537	0.02 (-0.05, 0.10)	-0.002	0.305	-0.040	0.039	0.305	-0.04 (-0.12, 0.04)	-0.031	0.039	0.424	-0.03 (-0.11, 0.05)
2642_4	PAFAH1B2	PAFAH beta	226	-0.010	0.018	0.578	-0.01 (-0.05, 0.03)	0.847	0.400	-0.013	0.038	0.739	-0.01 (-0.09, 0.06)	0.000	0.944	-0.022	0.037	0.549	-0.02 (-0.10, 0.05)	-0.019	0.039	0.623	-0.02 (-0.10, 0.06)
10372_18	STAT6	STAT6	226	-0.010	0.018	0.578	-0.01 (-0.05, 0.03)	0.847	0.687	-0.008	0.037	0.829	-0.01 (-0.08, 0.06)	0.000	0.945	-0.026	0.035	0.457	-0.03 (-0.10, 0.04)	-0.020	0.034	0.562	-0.02 (-0.09, 0.05)
13986_6	LANCL1	LANC1	226	0.010	0.018	0.579	0.01 (-0.03, 0.05)	0.847	0.406	0.017	0.037	0.648	0.02 (-0.06, 0.09)	0.000	0.832	-0.025	0.037	0.502	-0.02 (-0.10, 0.05)	-0.014	0.037	0.708	-0.01 (-0.09, 0.06)
15413_3	LCAT	LCAT	226	0.010	0.018	0.579	0.01 (-0.03, 0.05)	0.847	0.408	-0.015	0.037	0.679	-0.02 (-0.09, 0.06)	0.002	0.429	-0.017	0.034	0.623	-0.02 (-0.08, 0.05)	-0.002	0.038	0.957	-2.06e-03 (-0.08, 0.07)
8248_222	SIGLEC14	SIG14	226	0.011	0.019	0.579	0.01 (-0.03, 0.05)	0.847	0.218	-0.038	0.040	0.345	-0.04 (-0.12, 0.04)	0.003	0.164	0.014	0.039	0.725	0.01 (-0.06, 0.09)	0.006	0.043	0.889	0.01 (-0.08, 0.09)
12876_39	SPEF1	SPEF1	226	-0.011	0.019	0.580	-0.01 (-0.05, 0.03)	0.847	0.451	0.005	0.039	0.905	4.65e-03 (-0.07, 0.08)	-0.001	0.651	0.014	0.038	0.717	0.01 (-0.06, 0.09)	0.002	0.042	0.970	1.57e-03 (-0.08, 0.08)
13450_49	USP8	UBP8	226	0.010	0.018	0.580	0.01 (-0.03, 0.05)	0.847	0.439	-0.021	0.037	0.576	-0.02 (-0.09, 0.05)	0.002	0.339	-0.021	0.032	0.506	-0.02 (-0.08, 0.04)	-0.029	0.041	0.485	-0.03 (-0.11, 0.05)
14039_33	KLK5	kallikrein 5	226	-0.011	0.020	0.580	-0.01 (-0.05, 0.03)	0.847	0.405	-0.056	0.040	0.160	-0.06 (-0.13, 0.02)	0.003	0.192	-0.037	0.042	0.378	-0.04 (-0.12, 0.04)	-0.042	0.043	0.332	-0.04 (-0.13, 0.04)
15395_15	GSTM1	GST M1-1	226	0.011	0.019	0.580	0.01 (-0.03, 0.05)	0.847	0.920	-0.027	0.039	0.499	-0.03 (-0.10, 0.05)	0.002	0.275	-0.040	0.034	0.231	-0.04 (-0.11, 0.03)	-0.033	0.042	0.423	-0.03 (-0.12, 0.05)
3506_49	LTA	Lymphotoxi	226	0.011	0.019	0.580	0.01 (-0.03, 0.05)	0.847	0.107	-0.023	0.041	0.576	-0.02 (-0.10, 0.06)	0.002	0.346	-0.007	0.038	0.859	-0.01 (-0.08, 0.07)	0.002	0.041	0.960	2.06e-03 (-0.08, 0.08)
4553_65	HDGFRP2	HDGR2	226	0.010	0.018	0.580	0.01 (-0.03, 0.05)	0.847	0.085	0.007	0.040	0.860	0.01 (-0.07, 0.08)	0.000	0.925	-0.011	0.038	0.766	-0.01 (-0.09, 0.06)	-0.003	0.036	0.929	-3.23e-03 (-0.07, 0.07)
7999_23	ENTPD1	CD39	226	0.011	0.021	0.580	0.01 (-0.03, 0.05)	0.847	0.007	0.112	0.041	0.007	0.11 (0.03, 0.19)	-0.006	0.005	0.022	0.031	0.491	0.02 (-0.04, 0.08)	0.046	0.045	0.305	0.05 (-0.04, 0.13)
9900_36	NEFH	NFH	226	0.011	0.019	0.579	0.01 (-0.03, 0.05)	0.847	0.229	0.000	0.040	0.994	-3.10e-04 (-0.08, 0.08)	0.001	0.753	0.007	0.041	0.863	0.01 (-0.07, 0.09)	0.008	0.043	0.852	0.01 (-0.08, 0.09)
11175_45	LPCAT2	PCAT2	226	0.011	0.019	0.582	0.01 (-0.03, 0.05)	0.847	0.524	0.004	0.039	0.915	4.13e-03 (-0.07, 0.08)	0.000	0.848	0.006	0.039	0.881	0.01 (-0.07, 0.08)	0.008	0.038	0.840	0.01 (-0.07, 0.08)
12457_10	ADI1	MTND	226	0.011	0.020	0.581	0.01 (-0.03, 0.05)	0.847	0.572	0.005	0.039	0.893	0.01 (-0.07, 0.08)	0.000	0.872	0.023	0.039	0.557	0.02 (-0.05, 0.10)	0.012	0.043	0.791	0.01 (-0.07, 0.10)
12657_2	TSTA3	FCL	226	0.011	0.020	0.583	0.01 (-0.03, 0.05)	0.847	0.584	0.014	0.039	0.716	0.01 (-0.06, 0.09)	0.000	0.917	-0.012	0.032	0.710	-0.01 (-0.07, 0.05)	-0.068	0.048	0.158	-0.07 (-0.16, 0.03)
12808_103	CARHSP1	CHSP1	226	-0.011	0.020	0.583	-0.01 (-0.05, 0.03)	0.847	0.461	-0.020	0.040	0.614	-0.02 (-0.10, 0.06)	0.001	0.787	-0.026	0.040	0.514	-0.03 (-0.11, 0.05)	-0.023	0.043	0.586	-0.02 (-0.11, 0.06)
14226_120	BHMT2	BHMT2	226	0.011	0.019	0.581	0.01 (-0.03, 0.05)	0.847	0.457	-0.026	0.039	0.510	-0.03 (-0.10, 0.05)	0.002	0.284	-0.010	0.040	0.806	-0.01 (-0.09, 0.07)	-0.015	0.042	0.713	-0.02 (-0.10, 0.07)
16591_71	CHIA	CHIA	226	-0.011	0.019	0.581	-0.01 (-0.05, 0.03)	0.847	0.539	0.025	0.038	0.513	0.03 (-0.05, 0.10)	-0.002	0.286	0.033	0.036	0.363	0.03 (-0.04, 0.10)	0.022	0.041	0.602	0.02 (-0.06, 0.10)
16877_19	MSRB2	MSRB2	226	0.011	0.019	0.584	0.01 (-0.03, 0.05)	0.847	0.604	0.026	0.039	0.498	0.03 (-0.05, 0.10)	-0.001	0.639	0.024	0.037	0.523	0.02 (-0.05, 0.10)	0.027	0.040	0.511	0.03 (-0.05, 0.11)
17176_13	PSIP1	PSIP1	226	0.010	0.018	0.584	0.01 (-0.02, 0.04)	0.847	0.055	-0.006	0.038	0.883	-0.01 (-0.08, 0.07)	0.001	0.646	-0.054	0.032	0.091	-0.05 (-0.12, 0.01)	-0.073	0.038	0.055	-0.07 (-0.15, 1.25e-03)
17380_2	UBE2K	UBE2K	226	-0.011	0.019	0.582	-0.01 (-0.05, 0.03)	0.847	0.880	-0.009	0.039	0.809	-0.01 (-0.08, 0.07)	0.000	0.971	-0.049	0.033	0.139	-0.05 (-0.11, 0.02)	-0.040	0.037	0.278	-0.04 (-0.11, 0.03)
18887_7	ENTPD2	ENTP2	226	-0.011	0.020	0.582	-0.01 (-0.05, 0.03)	0.847	0.077	-0.009	0.042	0.833	-0.01 (-0.09, 0.07)	0.000	0.960	0.013	0.038	0.721	0.01 (-0.06, 0.09)	-0.016	0.045	0.722	-0.02 (-0.11, 0.07)
2976_58	DSG1	Desmoglein	226	0.011	0.019	0.584	0.01 (-0.03, 0.05)	0.847	0.075	-0.044	0.041	0.283	-0.04 (-0.13, 0.04)	0.003	0.127	0.010	0.040	0.806	0.01 (-0.07, 0.09)	0.001	0.041	0.977	1.18e-03 (-0.08, 0.08)
2977_7	EDAR	EDAR	226	-0.011	0.021	0.583	-0.01 (-0.05, 0.03)	0.847	0.024	0.007	0.042	0.860	0.01 (-0.07, 0.09)	-0.001	0.606	-0.041	0.038	0.283	-0.04 (-0.12, 0.03)	-0.007	0.041	0.870	-0.01 (-0.09, 0.07)
5006_71	MAPK13	MK13	226	0.010	0.019	0.582	0.01 (-0.03, 0.05)	0.847	0.426	0.051	0.039	0.186	0.05 (-0.02, 0.13)	-0.003	0.226	0.036	0.040	0.376	0.04 (-0.04, 0.11)	0.053	0.037	0.156	0.05 (-0.02, 0.13)
5719_66	FAM189A2	CI061	226	0.010	0.019	0.583	0.01 (-0.03, 0.05)	0.847	0.135	0.028	0.040	0.491	0.03 (-0.05, 0.11)	-0.001	0.621	0.030	0.040	0.465	0.03 (-0.05, 0.11)	0.015	0.041	0.717	0.01 (-0.07, 0.09)
6117_4	PCSK2	NEC2	226	0.012	0.021	0.582	0.01 (-0.03, 0.05)	0.847	0.046	0.028	0.042	0.512	0.03 (-0.06, 0.11)	-0.001	0.659	0.006	0.041	0.894	0.01 (-0.08, 0.09)	-0.017	0.038	0.656	-0.02 (-0.09, 0.06)
7950_142	BTNL9	BTNL9	226	-0.012	0.022	0.583	-0.01 (-0.05, 0.03)	0.847	0.015	-0.010	0.044	0.817	-0.01 (-0.10, 0.08)	0.000	0.962	-0.053	0.036	0.142	-0.05 (-0.12, 0.02)	-0.034	0.043	0.432	-0.03 (-0.12, 0.05)
8372_29	CDHR1	CDHR1	226	-0.011	0.019	0.584	-0.01 (-0.05, 0.03)	0.847	0.675	0.002	0.039	0.957	2.11e-03 (-0.07, 0.08)	-0.001	0.708	0.021	0.035	0.559	0.02 (-0.05, 0.09)	-0.016	0.042	0.704	-0.02 (-0.10, 0.07)
9287_6	SPR	SPRE	226	-0.011	0.019	0.583	-0.01 (-0.05, 0.03)	0.847	0.055	0.084	0.041	0.044	0.08 (2.85e-03, 0.17)	-0.006	0.009	0.022	0.033	0.517	0.02 (-0.04, 0.09)	0.063	0.043	0.140	0.06 (-0.02, 0.15)
9314_9	PSG5	PSG5	226	0.019	0.035	0.583	0.02 (-0.05, 0.09)	0.847	1.62E-53	0.059	0.070	0.398	0.06 (-0.08, 0.20)	-0.002	0.509	0.010	0.033	0.768	0.01 (-0.06, 0.07)	0.013	0.040	0.750	0.01 (-0.07, 0.09)
15319_226	CCNA1	CCNA1	226	0.010	0.019	0.584	0.01 (-0.03, 0.05)	0.847	0.263	0.040	0.039	0.314	0.04 (-0.04, 0.12)	-0.002	0.392	0.003	0.032	0.928	2.86e-03 (-0.06, 0.0	-0.006	0.038	0.868	-0.01 (-0.08, 0.07)
3485_28	B2M	b2-Microglc	226	-0.012	0.023	0.584	-0.01 (-0.06, 0.03)	0.847	1.51E-04	-0.027	0.046	0.562	-0.03 (-0.12, 0.06)	0.001	0.722	-0.056	0.038	0.140	-0.06 (-0.13, 0.02)	-0.070	0.043	0.103	-0.07 (-0.15, 0.01)
16614_27	RSPO1	RSPO1	226	-0.011	0.020	0.585	-0.01 (-0.05, 0.03)	0.848	0.002	0.051	0.041	0.216	0.05 (-0.03, 0.13)	-0.004	0.083	0.012	0.038	0.740	0.01 (-0.06, 0.09)	0.008	0.040	0.851	0.01 (-0.07, 0.09)
9585_80	CLMP	ACAM	226	-0.011	0.020	0.585	-0.01 (-0.05, 0.03)	0.848	0.223	0.008	0.041	0.843	0.01 (-0.07, 0.09)	-0.001	0.597	-0.017	0.041	0.686	-0.02 (-0.10, 0.06)	0.014	0.042	0.746	0.01 (-0.07, 0.10)
12768_3	PPP1R3B	PPR3B	226	-0.011	0.020	0.585	-0.01 (-0.05, 0.03)	0.848	0.174	0.033	0.041	0.420	0.03 (-0.05, 0.11)	-0.003	0.219	0.010	0.033	0.768	0.01 (-0.05, 0.07)	0.032	0.039	0.409	0.03 (-0.04, 0.11)
9850_38	EIF1AX	IF1AX	226	0.010	0.019	0.585	0.01 (-0.03, 0.05)	0.848	0.890	0.020	0.038	0.606	0.02 (-0.06, 0.09)	-0.001	0.778	-0.010	0.036	0.786	-0.01 (-0.08, 0.06)	-0.005	0.040	0.892	-0.01 (-0.08, 0.07)
10889_2	MRAP2	MRAP2	226	-0.010	0.019	0.586	-0.01 (-0.05, 0.03)	0.848	0.463	-0.023	0.038	0.552	-0.02 (-0.10, 0.05)	0.001	0.707	-0.026	0.038	0.487	-0.03 (-0.10, 0.05)	-0.013	0.040	0.743	-0.01 (-0.09, 0.07)
12621_55	PPP2R1A	PP2AAA	226	-0.010	0.019	0.586	-0.01 (-0.05, 0.03)	0.848	0.082	0.011	0.040	0.777	0.01 (-0.07, 0.09)	-0.001	0.537	-0.024	0.038	0.517	-0.02 (-0.10, 0.05)	-0.048	0.041	0.248	-0.05 (-0.13, 0.03)
15516_12	SAA4	SAA-4	226	0.012	0.023	0.586	0.01 (-0.03, 0.06)	0.848	3.15E-04	-0.042	0.045	0.361	-0.04 (-0.13, 0.05)	0.003	0.173	0.000	0.041	0.993	-3.39e-04 (-0.08, 0.0	0.039	0.041	0.338	0.04 (-0.04, 0.12)
18294_26	SOX2	SOX2	226	-0.010	0.019	0.586	-0.01 (-0.05, 0.03)	0.848	0.423	0.007	0.039	0.867	0.01 (-0.07, 0.08)	-0.001	0.616	0.008	0.039	0.846	0.01 (-0.07, 0.08)	0.003	0.041	0.933	3.45e-03 (-0.08, 0.08)
7242_14	VSTM4	CJ072	226	0.012	0.021	0.586	0.01 (-0.03, 0.05)	0.848	0.039	-0.031	0.043	0.470	-0.03 (-0.11, 0.05)	0.003	0.254	0.028	0.039	0.464	0.03 (-0.05, 0.10)	0.011	0.038	0.781	0.01 (-0.06, 0.09)
10798_4	CD300E	CLM2	226	0.011	0.019	0.587	0.01 (-0.03, 0.05)	0.849	0.105	-0.008	0.041	0.854	-0.01 (-0.09, 0.07)	0.001	0.613	0.045	0.036	0.211	0.05 (-0.03, 0.12)	0.002	0.040	0.966	1.74e-03 (-0.08, 0.08)
18950_13	RAC2	RAC2	226	-0.010	0.018	0.587	-0.01 (-0.05, 0.03)	0.849	0.798	0.002	0.037	0.956	2.07e-03 (-0.07, 0.08)	-0.001	0.708	-0.039	0.036	0.283	-0.04 (-0.11, 0.03)	-0.017	0.037	0.641	-0.02 (-0.09, 0.05)
5658_64	F13B	coagulation	226	-0.010	0.019	0.587	-0.01 (-0.05, 0.03)	0.849	0.721	-0.015	0.038	0.686	-0.02 (-0.09, 0.06)	0.000	0.876	0.015	0.035	0.676	0.01 (-0.05, 0.08)	0.004	0.043	0.928	3.87e-03 (-0.08, 0.09)
3835_11	TLR2	TLR2	226	0.010	0.019	0.588	0.01 (-0.03, 0.05)	0.849	0.282	0.020	0.040	0.622	0.02 (-0.06, 0.10)	-0.001	0.790	0.017	0.042	0.685	0.02 (-0.06, 0.10)	0.011	0.042	0.801	0.01 (-0.07, 0.09)
7066_199	FAM209B	F209B	226	-0.012	0.022	0.588	-0.01 (-0.06, 0.03)	0.849	0.001	-0.018	0.045	0.693	-0.02 (-0.11, 0.07)	0.000	0.883	-0.033	0.038	0.382	-0.03 (-0.11, 0.04)	-0.023	0.042	0.585	-0.02 (-0.11, 0.06)
14134_49	AMIGO2	AMGO2	226	0.011	0.019	0.588	0.01 (-0.03, 0.05)	0.850	0.215	0.086	0.040	0.035	0.09 (0.01, 0.16)	-0.005	0.033	0.053	0.039	0.172	0.05 (-0.02, 0.13)	0.052	0.041	0.198	0.05 (-0.03, 0.13)
18892_48	GPC4	GPC4	226	-0.010	0.019	0.588	-0.01 (-0.05, 0.03)	0.850	0.337	0.043	0.040	0.283	0.04 (-0.03, 0.12)	-0.003	0.124	0.025	0.037	0.509	0.02 (-0.05, 0.10)	0.002	0.043	0.969	1.68e-03 (-0.08, 0.09)
6494_60	SPACA5	sperm acro	226	0.011	0.020	0.589	0.01 (-0.03, 0.05)	0.850	0.239	0.060	0.041	0.140	0.06 (-0.02, 0.14)	-0.003	0.161	0.068	0.038	0.075	0.07 (-0.01, 0.14)	0.088	0.042	0.038	0.09 (0.01, 0.17)
8003_57	LGI3	LGI3	226	0.010	0.019	0.589	0.01 (-0.03, 0.05)	0.851	0.495	0.029	0.039	0.455	0.03 (-0.05, 0.11)	-0.001	0.580	0.011	0.041	0.786	0.01 (-0.07, 0.09)	0.017	0.044	0.705	0.02 (-0.07, 0.10)
19130_81	SERPINB8	SPB8	226	-0.010	0.019	0.590	-0.01 (-0.05, 0.03)	0.851	0.450	-0.022	0.038	0.558	-0.02 (-0.10, 0.05)	0.001	0.713	-0.046	0.031	0.139	-0.05 (-0.11, 0.02)	-0.046	0.039	0.249	-0.05 (-0.12, 0.03)
6520_87	MGP	MGP	226	0.010	0.019	0.590	0.01 (-0.03, 0.05)	0.851	0.067	-0.009	0.042	0.839	-0.01 (-0.09, 0.07)	0.001	0.602	0.011	0.031	0.734	0.01 (-0.05, 0.07)	-0.047	0.042	0.261	-0.05 (-0.13, 0.03)
13934_3	MCF2L	MCF2L	226	-0.010	0.018	0.591	-0.01 (-0.05, 0.03)	0.852	0.862	-0.038	0.037	0.306	-0.04 (-0.11, 0.03)	0.002	0.382	-0.054	0.031	0.079	-0.05 (-0.12, 0.01)	-0.063	0.039	0.112	-0.06 (-0.14, 0.01)
16308_14	BTLA	BTLA	226	0.010	0.019	0.591	0.01 (-0.03, 0.05)	0.852	0.293	-0.019	0.040	0.628	-0.02 (-0.10, 0.06)	0.002	0.391	0.002	0.041	0.968	1.64e-03 (-0.08, 0.0	0.020	0.043	0.637	0.02 (-0.06, 0.10)
5936_53	TNF	TNF-a	226	-0.010	0.019	0.591	-0.01 (-0.05, 0.03)	0.852	0.519	0.025	0.039	0.528	0.02 (-0.05, 0.10)	-0.002	0.301	0.057	0.033	0.082	0.06 (-0.01, 0.12)	0.064	0.044	0.149	0.06 (-0.02, 0.15)
7246_4	FREM2	FREM2	226	-0.010	0.020	0.591	-0.01 (-0.05, 0.03)	0.852	0.581	-0.019	0.039	0.629	-0.02 (-0.10, 0.06)	0.001	0.803	0.036	0.037	0.337	0.04 (-0.04, 0.11)	0.034	0.046	0.453	0.03 (-0.06, 0.12)
8296_117	KDELC2	KDEL2	226	0.010	0.018	0.591	0.01 (-0.03, 0.05)	0.852	0.073	-0.025	0.039	0.520	-0.03 (-0.10, 0.05)	0.002	0.304	-0.036	0.032	0.259	-0.04 (-0.10, 0.03)	-0.027	0.040	0.497	-0.03 (-0.10, 0.05)
17196_5	CLPP	ClpP endop	226	0.010	0.018	0.592	0.01 (-0.03, 0.04)	0.852	0.178	0.004	0.038	0.911	4.21e-03 (-0.07, 0.08)	0.000	0.869	-0.034	0.035	0.335	-0.03 (-0.10, 0.03)	-0.023	0.037	0.532	-0.02 (-0.10, 0.05)
12701_1	EIF1B	EIF1B	226	0.010	0.018	0.592	0.01 (-0.03, 0.05)	0.852	0.731	-0.023	0.037	0.532	-0.02 (-0.09, 0.05)	0.002	0.306	-0.014	0.030	0.650	-0.01 (-0.07, 0.05)	-0.035	0.039	0.372	-0.03 (-0.11, 0.04)
5005_4	MAPK12	MK12	226	0.010	0.018	0.592	0.01 (-0.03, 0.05)	0.852	0.660	-0.002	0.037	0.964	-1.66e-03 (-0.07, 0.07)	0.001	0.721	0.026	0.036	0.482	0.03 (-0.05, 0.10)	0.021	0.040	0.603	0.02 (-0.06, 0.10)
7049_2	ADAM23	ADAM 23	226	-0.010	0.019	0.592	-0.01 (-0.05, 0.03)	0.852	0.142	0.089	0.039	0.022	0.09 (0.01, 0.17)	-0.006	0.004	0.020	0.032	0.524	0.02 (-0.04, 0.08)	0.019	0.041	0.650	0.02 (-0.06, 0.10)
7211_2	RNASE1	RNase 1	226	-0.011	0.021	0.593	-0.01 (-0.05, 0.03)	0.853	3.75E-04	-0.099	0.042	0.019	-0.10 (-0.18, -0.02)	0.005	0.017	-0.070	0.037	0.063	-0.07 (-0.14, 3.67e-	-0.067	0.040	0.096	-0.07 (-0.14, 0.01)
7925_18	SMCO2	CL070	226	0.010	0.019	0.594	0.01 (-0.03, 0.05)	0.854	0.210	0.034	0.040	0.391	0.03 (-0.04, 0.11)	-0.001	0.486	0.030	0.038	0.425	0.03 (-0.04, 0.11)	0.033	0.037	0.370	0.03 (-0.04, 0.11)
2706_69	SERPINA7	Thyroxine-E	226	-0.012	0.022	0.595	-0.01 (-0.05, 0.03)	0.855	2.17E-04	-0.012	0.044	0.778	-0.01 (-0.10, 0.07)	0.000	0.983	0.009	0.036	0.794	0.01 (-0.06, 0.08)	-0.001	0.035	0.986	-6.32e-04 (-0.07, 0.07)
8960_3	ERAP2	LRAP	226	0.010	0.020	0.595	0.01 (-0.03, 0.05)	0.855	0.663	-0.003	0.039	0.930	-3.48e-03 (-0.08, 0.07)	0.001	0.685	0.002	0.040	0.967	1.67e-03 (-0.08, 0.0	-0.036	0.040	0.366	-0.04 (-0.11, 0.04)
7204_1	CEACAM21	CEA21	226	-0.010	0.019	0.595	-0.01 (-0.05, 0.03)	0.855	0.553	-0.021	0.039	0.596	-0.02 (-0.10, 0.06)	0.001	0.758	-0.004	0.031	0.910	-3.51e-03 (-0.06, 0.0	-0.020	0.046	0.655	-0.02 (-0.11, 0.07)
2761_49	FGF18	FGF-18	226	-0.012	0.022	0.596	-0.01 (-0.06, 0.03)	0.856	0.002	0.050	0.045	0.267	0.05 (-0.04, 0.14)	-0.004	0.114	0.017	0.041	0.676	0.02 (-0.06, 0.10)	-0.002	0.044	0.970	-1.66e-03 (-0.09, 0.08)
5110_84	NRXN1	NRX1B	226	-0.010	0.019	0.596	-0.01 (-0.05, 0.03)	0.856	0.629	0.005	0.038	0.886	0.01 (-0.07, 0.08)	-0.001	0.640	-0.019	0.039	0.623	-0.02 (-0.10, 0.06)	-0.007	0.040	0.852	-0.01 (-0.09, 0.07)
6961_14	IGFL3	IGFL3	226	0.010	0.019	0.596	0.01 (-0.03, 0.05)	0.856	0.078	-0.037	0.041	0.372	-0.04 (-0.12, 0.04)	0.003	0.189	0.019	0.040	0.641	0.02 (-0.06, 0.10)	0.004	0.039	0.913	4.26e-03 (-0.07, 0.08)
11147_17	TREML1	TRML1	226	0.010	0.019	0.599	0.01 (-0.03, 0.05)	0.856	0.340	0.006	0.038	0.868	0.01 (-0.07, 0.08)	0.000	0.917	-0.014	0.036	0.704	-0.01 (-0.08, 0.06)	-0.009	0.037	0.803	-0.01 (-0.08, 0.06)
11715_1	POU2F1	PO2F1	226	-0.010	0.019	0.597	-0.01 (-0.05, 0.03)	0.856	0.298	0.008	0.039	0.844	0.01 (-0.07, 0.08)	-0.001	0.603	0.013	0.038	0.744	0.01 (-0.06, 0.09)	0.012	0.041	0.765	0.01 (-0.07, 0.09)
12653_13	CSNK1G2	CSNK1G2	226	-0.010	0.018	0.597	-0.01 (-0.05, 0.03)	0.856	0.414	-0.030	0.037	0.424	-0.03 (-0.10, 0.04)	0.001	0.534	-0.032	0.038	0.407	-0.03 (-0.11, 0.04)	-0.023	0.038	0.539	-0.02 (-0.10, 0.05)
13025_4	FRS2	FRS2	226	0.010	0.019	0.598	0.01 (-0.03, 0.05)	0.856	0.595	0.026	0.039	0.508	0.03 (-0.05, 0.10)	-0.001	0.645	0.037	0.038	0.326	0.04 (-0.04, 0.11)	0.013	0.044	0.766	0.01 (-0.07, 0.10)
13104_32	EFNB1	EFNB1	226	-0.011	0.021	0.597	-0.01 (-0.05, 0.03)	0.856	6.59E-05	-0.004	0.043	0.925	-4.08e-03 (-0.09, 0.08)	0.000	0.847	-0.045	0.032	0.165	-0.05 (-0.11, 0.02)	-0.038	0.040	0.351	-0.04 (-0.12, 0.04)
14111_15	THBS2	TSP2	226	0.010	0.020	0.597	0.01 (-0.03, 0.05)	0.856	0.382	0.071	0.040	0.076	0.07 (-0.01, 0.15)	-0.004	0.081	0.000	0.041	0.997	-1.39e-04 (-0.08, 0.0	-0.005	0.044	0.918	-4.53e-03 (-0.09, 0.08)
16043_30	SHC1	SHC1	226	0.009	0.018	0.598	0.01 (-0.03, 0.04)	0.856	0.310	-0.004	0.037	0.915	-3.95e-03 (-0.08, 0.07)	0.001	0.677	-0.015	0.032	0.626	-0.02 (-0.08, 0.05)	-0.027	0.036	0.457	-0.03 (-0.10, 0.04)
19291_2	CASQ2	CASQ2	226	-0.010	0.020	0.597	-0.01 (-0.05, 0.03)	0.856	0.076	-0.038	0.042	0.371	-0.04 (-0.12, 0.04)	0.002	0.455	-0.063	0.033	0.060	-0.06 (-0.13, 2.75e-	-0.073	0.041	0.078	-0.07 (-0.15, 0.01)
3081_70	ULBP1	ULBP-1	226	-0.010	0.019	0.599	-0.01 (-0.05, 0.03)	0.856	0.456	-0.002	0.038	0.956	-2.10e-03 (-0.08, 0.07)	0.000	0.814	-0.026	0.038	0.497	-0.03 (-0.10, 0.05)	-0.028	0.045	0.536	-0.03 (-0.12, 0.06)
4886_3	CCL7	MCP-3	226	-0.011	0.021	0.598	-0.01 (-0.05, 0.03)	0.856	0.016	-0.022	0.043	0.614	-0.02 (-0.11, 0.06)	0.001	0.779	0.023	0.039	0.567	0.02 (-0.05, 0.10)	0.029	0.043	0.506	0.03 (-0.06, 0.11)
6384_19	WFDC3	WFDC3	226	0.010	0.018	0.598	0.01 (-0.03, 0.05)	0.856	0.452	0.011	0.037	0.761	0.01 (-0.06, 0.08)	0.000	0.959	-0.025	0.032	0.445	-0.02 (-0.09, 0.04)	-0.023	0.040	0.570	-0.02 (-0.10, 0.06)
6480_1	CANT1	CANT1	226	0.010	0.019	0.598	0.01 (-0.03, 0.05)	0.856	0.792	-0.009	0.038	0.806	-0.01 (-0.08, 0.06)	0.001	0.559	-0.022	0.036	0.535	-0.02 (-0.09, 0.05)	-0.008	0.042	0.839	-0.01 (-0.09, 0.07)
8244_16	FUT8	FUT8	226	0.010	0.019	0.598	0.01 (-0.03, 0.05)	0.856	0.387	0.020	0.038	0.607	0.02 (-0.06, 0.09)	-0.001	0.768	0.039	0.032	0.223	0.04 (-0.02, 0.10)	0.054	0.041	0.188	0.05 (-0.03, 0.13)
8810_26	HEPACAM	HEPACAM	226	-0.010	0.019	0.597	-0.01 (-0.05, 0.03)	0.856	0.334	0.014	0.040	0.732	0.01 (-0.06, 0.09)	-0.001	0.490	0.007	0.033	0.838	0.01 (-0.06, 0.07)	-0.027	0.040	0.495	-0.03 (-0.11, 0.05)
10546_2	TSPEAR	TSEAR	226	0.010	0.020	0.600	0.01 (-0.03, 0.05)	0.856	0.051	-0.003	0.043	0.948	-2.79e-03 (-0.09, 0.08)	0.001	0.724	0.009	0.041	0.818	0.01 (-0.07, 0.09)	-0.006	0.046	0.891	-0.01 (-0.10, 0.08)
15386_7	FABP4	FABPA	226	0.011	0.021	0.600	0.01 (-0.03, 0.05)	0.856	4.45E-05	-0.050	0.042	0.233	-0.05 (-0.13, 0.03)	0.004	0.095	-0.004	0.037	0.922	-3.60e-03 (-0.08, 0.0	-0.002	0.033	0.960	-1.69e-03 (-0.07, 0.06)
16802_31	OCIAD1	OCAD1	226	0.010	0.019	0.600	0.01 (-0.03, 0.05)	0.856	0.090	-0.031	0.041	0.451	-0.03 (-0.11, 0.05)	0.003	0.250	-0.017	0.038	0.665	-0.02 (-0.09, 0.06)	-0.026	0.040	0.520	-0.03 (-0.11, 0.05)
3030_3	CLEC4M	DC-SIGNR	226	0.010	0.019	0.599	0.01 (-0.03, 0.05)	0.856	0.445	-0.003	0.038	0.929	-3.43e-03 (-0.08, 0.07)	0.001	0.689	0.049	0.036	0.177	0.05 (-0.02, 0.12)	0.036	0.040	0.366	0.04 (-0.04, 0.11)
9037_1	STX18	STX18	226	0.010	0.020	0.600	0.01 (-0.03, 0.05)	0.856	0.142	-0.046	0.041	0.268	-0.05 (-0.13, 0.03)	0.003	0.119	0.004	0.036	0.915	3.86e-03 (-0.07, 0.0	-0.023	0.040	0.564	-0.02 (-0.10, 0.06)
9275_2	SIGLEC5	Siglec-5	226	0.010	0.019	0.600	0.01 (-0.03, 0.05)	0.857	0.253	-0.057	0.040	0.158	-0.06 (-0.14, 0.02)	0.004	0.056	-0.003	0.040	0.932	-3.42e-03 (-0.08, 0.0	0.010	0.042	0.807	0.01 (-0.07, 0.09)
14205_6	HEXIM2	HEXI2	226	0.009	0.017	0.601	0.01 (-0.03, 0.04)	0.857	0.410	0.023	0.036	0.511	0.02 (-0.05, 0.09)	-0.001	0.645	0.014	0.038	0.720	0.01 (-0.06, 0.09)	0.031	0.037	0.407	0.03 (-0.04, 0.10)
16915_153	SEMA4A	SEM4A	226	-0.011	0.021	0.601	-0.01 (-0.05, 0.03)	0.857	0.008	0.043	0.043	0.315	0.04 (-0.04, 0.13)	-0.003	0.146	0.052	0.033	0.113	0.05 (-0.01, 0.12)	0.059	0.039	0.135	0.06 (-0.02, 0.14)
3864_5	RPS7	RS7	226	0.009	0.018	0.601	0.01 (-0.03, 0.04)	0.857	0.089	-0.048	0.039	0.214	-0.05 (-0.12, 0.03)	0.004	0.087	-0.034	0.037	0.352	-0.03 (-0.11, 0.04)	-0.012	0.042	0.777	-0.01 (-0.10, 0.07)
6578_29	TNMD	TNMD	226	0.010	0.019	0.601	0.01 (-0.03, 0.05)	0.857	0.297	-0.025	0.040	0.532	-0.03 (-0.10, 0.05)	0.002	0.312	-0.022	0.034	0.518	-0.02 (-0.09, 0.05)	-0.004	0.043	0.921	-4.25e-03 (-0.09, 0.08)
8429_16	AXIN2	AXIN2	226	0.009	0.018	0.601	0.01 (-0.03, 0.04)	0.857	0.449	-0.047	0.036	0.198	-0.05 (-0.12, 0.02)	0.004	0.076	-0.017	0.034	0.626	-0.02 (-0.08, 0.05)	-0.020	0.037	0.595	-0.02 (-0.09, 0.05)
10737_96	SERPINB1	Serpin B1	226	-0.011	0.021	0.602	-0.01 (-0.05, 0.03)	0.858	0.002	-0.046	0.041	0.268	-0.05 (-0.13, 0.04)	0.002	0.328	0.011	0.036	0.761	0.01 (-0.06, 0.08)	-0.004	0.033	0.899	-4.23e-03 (-0.07, 0.06)
12622_96	ASH1L	ASH1L	226	-0.010	0.020	0.602	-0.01 (-0.05, 0.03)	0.858	0.061	0.002	0.042	0.972	1.51e-03 (-0.08, 0.08)	-0.001	0.750	-0.029	0.041	0.474	-0.03 (-0.11, 0.05)	-0.011	0.047	0.821	-0.01 (-0.10, 0.08)
15634_139	SLIT1	SLIT1	226	-0.010	0.020	0.603	-0.01 (-0.05, 0.03)	0.858	0.591	-0.007	0.039	0.853	-0.01 (-0.08, 0.07)	0.000	0.933	-0.027	0.038	0.477	-0.03 (-0.10, 0.05)	-0.018	0.038	0.647	-0.02 (-0.09, 0.06)
19131_184	TIAL1	TIAR	226	0.010	0.018	0.603	0.01 (-0.03, 0.05)	0.858	0.673	-0.009	0.037	0.814	-0.01 (-0.08, 0.06)	0.001	0.570	-0.017	0.038	0.648	-0.02 (-0.09, 0.06)	-0.011	0.040	0.780	-0.01 (-0.09, 0.07)
19253_82	RAB2B	RAB2B	226	-0.010	0.019	0.603	-0.01 (-0.05, 0.03)	0.858	0.399	-0.080	0.038	0.038	-0.08 (-0.15, -4.91e-03)	0.004	0.036	-0.058	0.033	0.078	-0.06 (-0.12, 0.01)	-0.068	0.040	0.089	-0.07 (-0.15, 0.01)
19483_16	KDSR	KDSR	226	0.010	0.019	0.603	0.01 (-0.03, 0.05)	0.858	0.108	-0.006	0.041	0.892	-0.01 (-0.09, 0.08)	0.001	0.662	0.011	0.038	0.776	0.01 (-0.06, 0.09)	-0.007	0.042	0.860	-0.01 (-0.09, 0.08)
7189_55	CHST3	CHST3	226	-0.010	0.020	0.602	-0.01 (-0.05, 0.03)	0.858	0.216	-0.072	0.041	0.075	-0.07 (-0.15, 0.01)	0.004	0.078	0.009	0.040	0.829	0.01 (-0.07, 0.09)	-0.028	0.043	0.523	-0.03 (-0.11, 0.06)
9121_28	FUT2	FUT2	226	0.012	0.024	0.603	0.01 (-0.03, 0.06)	0.858	4.15E-06	0.042	0.048	0.379	0.04 (-0.05, 0.14)	-0.002	0.473	0.060	0.036	0.103	0.06 (-0.01, 0.13)	0.017	0.043	0.697	0.02 (-0.07, 0.10)
9504_19	RAB27A	RB27A	226	0.012	0.022	0.603	0.01 (-0.03, 0.06)	0.858	0.001	-0.010	0.045	0.816	-0.01 (-0.10, 0.08)	0.001	0.572	-0.011	0.041	0.778	-0.01 (-0.09, 0.07)	-0.020	0.040	0.617	-0.02 (-0.10, 0.06)
7046_6	C20orf173	CT173	226	-0.011	0.021	0.604	-0.01 (-0.05, 0.03)	0.858	0.045	-0.078	0.042	0.068	-0.08 (-0.16, 0.01)	0.004	0.071	-0.016	0.041	0.695	-0.02 (-0.10, 0.06)	-0.006	0.042	0.879	-0.01 (-0.09, 0.08)
17161_1	DDOST	OST48	226	-0.010	0.018	0.605	-0.01 (-0.05, 0.03)	0.860	0.176	-0.012	0.039	0.749	-0.01 (-0.09, 0.06)	0.000	0.932	-0.008	0.031	0.790	-0.01 (-0.07, 0.05)	-0.015	0.040	0.700	-0.02 (-0.09, 0.06)
17761_2	NUDT5	NUDT5	226	0.010	0.019	0.606	0.01 (-0.03, 0.05)	0.860	0.063	0.042	0.041	0.312	0.04 (-0.04, 0.12)	-0.002	0.373	0.001	0.040	0.978	1.10e-03 (-0.08, 0.0	-0.007	0.041	0.856	-0.01 (-0.09, 0.07)
3453_87	LYN	LYN	226	0.009	0.018	0.606	0.01 (-0.03, 0.05)	0.860	0.599	-0.017	0.037	0.639	-0.02 (-0.09, 0.05)	0.002	0.404	-0.029	0.033	0.382	-0.03 (-0.09, 0.04)	-0.039	0.039	0.320	-0.04 (-0.11, 0.04)
3521_16	CGA	TSH	226	-0.010	0.019	0.606	-0.01 (-0.05, 0.03)	0.860	0.086	0.022	0.041	0.594	0.02 (-0.06, 0.10)	-0.002	0.373	0.019	0.036	0.602	0.02 (-0.05, 0.09)	0.014	0.042	0.739	0.01 (-0.07, 0.10)
14628_72	FBXO3	FBX3	226	-0.010	0.020	0.607	-0.01 (-0.05, 0.03)	0.862	0.556	0.057	0.039	0.146	0.06 (-0.02, 0.13)	-0.004	0.050	-0.027	0.040	0.489	-0.03 (-0.10, 0.05)	-0.029	0.043	0.507	-0.03 (-0.11, 0.06)
3494_71	FGF17	FGF-17	226	-0.010	0.019	0.608	-0.01 (-0.05, 0.03)	0.862	0.355	-0.003	0.039	0.930	-3.48e-03 (-0.08, 0.07)	0.000	0.852	-0.016	0.040	0.696	-0.02 (-0.09, 0.06)	-0.016	0.041	0.689	-0.02 (-0.10, 0.06)
15303_63	S100A5	S100A5	226	-0.009	0.018	0.608	-0.01 (-0.05, 0.03)	0.862	0.373	0.005	0.038	0.895	4.99e-03 (-0.07, 0.08)	-0.001	0.659	-0.066	0.032	0.040	-0.07 (-0.13, -3.08e-	-0.045	0.037	0.231	-0.04 (-0.12, 0.03)
16617_14	CASP14	Caspase-1	226	0.010	0.020	0.608	0.01 (-0.03, 0.05)	0.862	0.060	0.024	0.042	0.575	0.02 (-0.06, 0.11)	-0.001	0.708	0.013	0.041	0.743	0.01 (-0.07, 0.09)	0.010	0.040	0.796	0.01 (-0.07, 0.09)
4309_59	TPI1	Triosephos	226	0.009	0.017	0.608	0.01 (-0.03, 0.04)	0.862	0.661	0.000	0.035	0.997	-1.12e-04 (-0.07, 0.07)	0.001	0.767	-0.045	0.029	0.125	-0.05 (-0.10, 0.01)	-0.050	0.037	0.175	-0.05 (-0.12, 0.02)
9202_309	ATP5O	ATPO	226	-0.011	0.021	0.608	-0.01 (-0.05, 0.03)	0.862	0.045	-0.002	0.042	0.965	-1.85e-03 (-0.08, 0.08)	-0.001	0.809	-0.058	0.033	0.081	-0.06 (-0.12, 0.01)	-0.080	0.043	0.065	-0.08 (-0.17, 4.64e-03)
19287_59	DENR	DENR	226	-0.009	0.018	0.609	-0.01 (-0.04, 0.03)	0.862	0.218	0.018	0.037	0.639	0.02 (-0.06, 0.09)	-0.002	0.411	-0.049	0.034	0.158	-0.05 (-0.12, 0.02)	-0.040	0.036	0.275	-0.04 (-0.11, 0.03)
5060_62	CD274	B7-H1	226	0.010	0.019	0.609	0.01 (-0.03, 0.05)	0.862	0.291	0.026	0.040	0.508	0.03 (-0.05, 0.10)	-0.001	0.632	-0.006	0.039	0.874	-0.01 (-0.08, 0.07)	-0.021	0.041	0.610	-0.02 (-0.10, 0.06)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12827_37	RGS3	RGS3	226	0.010	0.020	0.610	0.01 (-0.03, 0.05)	0.863	0.857	-0.011	0.039	0.773	-0.01 (-0.09, 0.07)	0.001	0.533	-0.004	0.035	0.920	-3.53e-03 (-0.07, 0.	-0.002	0.039	0.957	-2.12e-03 (-0.08, 0.07)
13639_101	USO1	USO1	226	0.009	0.018	0.610	0.01 (-0.03, 0.04)	0.863	0.690	-0.019	0.036	0.602	-0.02 (-0.09, 0.05)	0.002	0.372	-0.006	0.037	0.880	-0.01 (-0.08, 0.07)	-0.008	0.035	0.810	-0.01 (-0.08, 0.06)
13990_1	PC	pyruvate ca	226	-0.010	0.019	0.611	-0.01 (-0.05, 0.03)	0.863	0.273	-0.001	0.040	0.986	-6.81e-04 (-0.08, 0.08)	-0.001	0.792	-0.050	0.036	0.173	-0.05 (-0.12, 0.02)	-0.038	0.040	0.339	-0.04 (-0.12, 0.04)
16859_100	SH3GLB1	SHLB1	226	-0.010	0.019	0.611	-0.01 (-0.05, 0.03)	0.863	0.856	-0.061	0.039	0.117	-0.06 (-0.14, 0.02)	0.003	0.129	-0.022	0.032	0.505	-0.02 (-0.09, 0.04)	-0.065	0.040	0.106	-0.06 (-0.14, 0.01)
17747_45	TRAF1	TRAF1	226	0.011	0.021	0.610	0.01 (-0.03, 0.05)	0.863	0.020	-0.054	0.043	0.209	-0.05 (-0.14, 0.03)	0.004	0.083	-0.017	0.040	0.672	-0.02 (-0.10, 0.06)	-0.025	0.040	0.528	-0.03 (-0.10, 0.05)
2741_22	SIGLEC6	Siglec-6	226	-0.010	0.019	0.611	-0.01 (-0.05, 0.03)	0.863	0.248	-0.001	0.040	0.971	-1.45e-03 (-0.08, 0.08)	-0.001	0.810	-0.031	0.041	0.447	-0.03 (-0.11, 0.05)	-0.026	0.040	0.524	-0.03 (-0.10, 0.05)
3854_24	NACA	NACA	226	0.009	0.018	0.611	0.01 (-0.03, 0.05)	0.863	0.642	-0.025	0.037	0.503	-0.02 (-0.10, 0.05)	0.002	0.288	-0.037	0.030	0.220	-0.04 (-0.10, 0.02)	-0.037	0.040	0.362	-0.04 (-0.12, 0.04)
5854_60	MAPT	tau	226	-0.010	0.019	0.610	-0.01 (-0.05, 0.03)	0.863	0.478	0.033	0.038	0.386	0.03 (-0.04, 0.11)	-0.003	0.198	-0.004	0.038	0.910	-4.28e-03 (-0.08, 0.	-0.011	0.038	0.772	-0.01 (-0.09, 0.06)
9757_29	ENAH	ENAH	226	0.010	0.019	0.610	0.01 (-0.03, 0.05)	0.863	0.815	0.030	0.038	0.429	0.03 (-0.04, 0.10)	-0.001	0.535	-0.009	0.036	0.791	-0.01 (-0.08, 0.06)	-0.003	0.037	0.941	-2.74e-03 (-0.08, 0.07)
13665_35	PPP2R3A	PP2A, subu	226	0.009	0.018	0.611	0.01 (-0.03, 0.05)	0.863	0.291	0.003	0.038	0.941	2.81e-03 (-0.07, 0.08)	0.000	0.844	0.028	0.033	0.392	0.03 (-0.04, 0.09)	0.014	0.038	0.724	0.01 (-0.06, 0.09)
14684_17	CAPN2	CAN2	226	0.009	0.018	0.612	0.01 (-0.03, 0.05)	0.863	0.321	0.066	0.038	0.082	0.07 (-0.01, 0.14)	-0.004	0.086	0.014	0.032	0.646	0.01 (-0.05, 0.08)	0.015	0.044	0.734	0.02 (-0.07, 0.10)
16828_8	COL6A1	Collagen a	226	0.010	0.020	0.611	0.01 (-0.03, 0.05)	0.863	0.293	0.031	0.040	0.447	0.03 (-0.05, 0.11)	-0.001	0.554	-0.032	0.040	0.415	-0.03 (-0.11, 0.05)	-0.034	0.041	0.411	-0.03 (-0.11, 0.05)
3172_28	ARSB	ARSB	226	-0.010	0.019	0.612	-0.01 (-0.05, 0.03)	0.863	0.052	-0.030	0.042	0.481	-0.03 (-0.11, 0.05)	0.001	0.588	-0.058	0.032	0.069	-0.06 (-0.12, 4.44e-	-0.091	0.040	0.025	-0.09 (-0.17, -0.01)
3317_33	HTRA2	HTRA2	226	0.009	0.018	0.612	0.01 (-0.03, 0.04)	0.863	0.554	0.013	0.036	0.711	0.01 (-0.06, 0.08)	0.000	0.891	-0.015	0.033	0.655	-0.01 (-0.08, 0.05)	-0.004	0.034	0.914	-3.66e-03 (-0.07, 0.06)
6285_71	MLEC	K0152	226	-0.009	0.018	0.611	-0.01 (-0.04, 0.03)	0.863	0.601	0.044	0.037	0.227	0.04 (-0.03, 0.12)	-0.003	0.093	-0.012	0.034	0.714	-0.01 (-0.08, 0.05)	0.003	0.037	0.945	2.58e-03 (-0.07, 0.08)
10700_10	IGSF11	IGS11	226	-0.010	0.020	0.612	-0.01 (-0.05, 0.03)	0.863	0.249	-0.042	0.041	0.301	-0.04 (-0.12, 0.04)	0.002	0.362	-0.061	0.036	0.091	-0.06 (-0.13, 0.01)	-0.061	0.038	0.112	-0.06 (-0.14, 0.01)
12466_7	HNRNPA1	ROA1	226	0.009	0.017	0.612	0.01 (-0.03, 0.04)	0.863	0.309	-0.019	0.036	0.603	-0.02 (-0.09, 0.05)	0.002	0.378	-0.027	0.032	0.397	-0.03 (-0.09, 0.04)	-0.035	0.038	0.361	-0.03 (-0.11, 0.04)
14124_6	EFNA2	Ephrin-A2	226	-0.009	0.018	0.613	-0.01 (-0.04, 0.03)	0.863	0.272	0.004	0.038	0.913	4.14e-03 (-0.07, 0.08)	-0.001	0.684	0.012	0.034	0.722	0.01 (-0.05, 0.08)	-0.001	0.039	0.990	-5.09e-04 (-0.08, 0.08)
17818_22	SUGT1	SUGT1	226	-0.009	0.019	0.613	-0.01 (-0.05, 0.03)	0.863	0.902	-0.009	0.038	0.809	-0.01 (-0.08, 0.06)	0.000	0.992	-0.032	0.034	0.340	-0.03 (-0.10, 0.03)	-0.031	0.038	0.409	-0.03 (-0.11, 0.04)
15686_49	INHBC	INHBC	226	0.010	0.019	0.613	0.01 (-0.03, 0.05)	0.864	0.920	0.002	0.039	0.954	2.26e-03 (-0.07, 0.08)	0.000	0.824	0.055	0.035	0.123	0.05 (-0.01, 0.12)	0.061	0.042	0.146	0.06 (-0.02, 0.14)
12746_4	CYTH4	CYH4	226	0.009	0.018	0.615	0.01 (-0.03, 0.04)	0.864	0.628	-0.025	0.036	0.483	-0.03 (-0.10, 0.05)	0.002	0.274	-0.005	0.031	0.868	-0.01 (-0.07, 0.06)	-0.010	0.040	0.809	-0.01 (-0.09, 0.07)
14070_56	ITSN1	ITSN1	226	0.009	0.019	0.614	0.01 (-0.03, 0.05)	0.864	0.371	-0.011	0.038	0.769	-0.01 (-0.09, 0.06)	0.001	0.534	-0.016	0.037	0.659	-0.02 (-0.09, 0.06)	0.004	0.041	0.926	3.75e-03 (-0.08, 0.08)
14692_3	ZNF276	ZN276	226	0.011	0.021	0.615	0.01 (-0.03, 0.05)	0.864	0.039	-0.050	0.042	0.235	-0.05 (-0.13, 0.03)	0.004	0.098	-0.008	0.040	0.839	-0.01 (-0.09, 0.07)	-0.028	0.042	0.505	-0.03 (-0.11, 0.05)
19274_80	SNTA1	Alpha-1-syr	226	0.009	0.018	0.615	0.01 (-0.03, 0.04)	0.864	0.692	0.030	0.036	0.408	0.03 (-0.04, 0.10)	-0.001	0.505	0.013	0.029	0.660	0.01 (-0.04, 0.07)	0.006	0.040	0.888	0.01 (-0.07, 0.08)
2911_27	MDK	Midkine	226	-0.011	0.021	0.615	-0.01 (-0.05, 0.03)	0.864	0.003	0.006	0.043	0.883	0.01 (-0.08, 0.09)	-0.001	0.649	-0.004	0.038	0.915	-3.99e-03 (-0.08, 0.	-0.001	0.039	0.984	-8.06e-04 (-0.08, 0.08)
4981_6	DSC3	DSC3	226	-0.011	0.021	0.614	-0.01 (-0.05, 0.03)	0.864	0.014	0.008	0.043	0.854	0.01 (-0.08, 0.09)	-0.001	0.618	-0.037	0.038	0.326	-0.04 (-0.11, 0.04)	-0.026	0.040	0.515	-0.03 (-0.11, 0.05)
5100_53	SCARB2	LIMP II	226	-0.010	0.019	0.615	-0.01 (-0.05, 0.03)	0.864	0.705	0.049	0.038	0.206	0.05 (-0.03, 0.12)	-0.004	0.082	0.002	0.040	0.958	2.14e-03 (-0.08, 0.0	0.003	0.042	0.945	2.90e-03 (-0.08, 0.09)
6932_42	ITGA5	ITA5	226	0.010	0.019	0.614	0.01 (-0.03, 0.05)	0.864	0.096	-0.015	0.041	0.714	-0.01 (-0.09, 0.06)	0.002	0.488	0.045	0.037	0.221	0.04 (-0.03, 0.12)	0.012	0.040	0.757	0.01 (-0.07, 0.09)
13622_16	PPP2R5A	2A5A	226	-0.009	0.019	0.616	-0.01 (-0.05, 0.03)	0.864	0.726	0.003	0.037	0.946	2.54e-03 (-0.07, 0.08)	-0.001	0.716	-0.020	0.032	0.537	-0.02 (-0.08, 0.04)	-0.027	0.040	0.496	-0.03 (-0.11, 0.05)
14158_17	ANXA5	Annexin V	226	-0.010	0.019	0.616	-0.01 (-0.05, 0.03)	0.864	0.702	0.003	0.039	0.941	2.89e-03 (-0.07, 0.08)	-0.001	0.710	-0.030	0.039	0.450	-0.03 (-0.11, 0.05)	-0.023	0.041	0.575	-0.02 (-0.10, 0.06)
2952_75	IGF1	IGF-I	226	0.009	0.018	0.615	0.01 (-0.03, 0.05)	0.864	0.093	0.030	0.039	0.443	0.03 (-0.05, 0.11)	-0.001	0.539	0.026	0.037	0.492	0.03 (-0.05, 0.10)	0.029	0.036	0.427	0.03 (-0.04, 0.10)
4413_3	SLPI	SLPI	226	-0.011	0.021	0.616	-0.01 (-0.05, 0.03)	0.864	0.007	-0.056	0.043	0.196	-0.06 (-0.14, 0.03)	0.003	0.229	-0.004	0.040	0.911	-4.46e-03 (-0.08, 0.	-0.031	0.039	0.425	-0.03 (-0.11, 0.05)
10722_13	SYK	KSYK	226	0.009	0.018	0.616	0.01 (-0.03, 0.05)	0.864	0.419	-0.005	0.037	0.896	-4.87e-03 (-0.08, 0.07)	0.001	0.665	-0.001	0.035	0.986	-6.24e-04 (-0.07, 0.	0.010	0.036	0.791	0.01 (-0.06, 0.08)
17728_61	CHMP2A	CHM2A	226	0.009	0.017	0.617	0.01 (-0.03, 0.04)	0.864	0.590	-0.007	0.035	0.832	-0.01 (-0.08, 0.06)	0.001	0.596	-0.037	0.031	0.237	-0.04 (-0.10, 0.02)	-0.039	0.037	0.287	-0.04 (-0.11, 0.03)
4673_13	IL6	IL-6	226	0.010	0.020	0.616	0.01 (-0.03, 0.05)	0.864	0.045	-0.016	0.039	0.694	-0.02 (-0.09, 0.06)	0.002	0.460	-0.052	0.032	0.100	-0.05 (-0.11, 0.01)	-0.041	0.035	0.253	-0.04 (-0.11, 0.03)
5364_7	SET	SET	226	0.009	0.019	0.616	0.01 (-0.03, 0.05)	0.864	0.102	0.034	0.040	0.400	0.03 (-0.05, 0.11)	-0.002	0.484	0.023	0.040	0.555	0.02 (-0.05, 0.10)	0.016	0.041	0.689	0.02 (-0.06, 0.10)
6020_52	UTS2	Urotensin-II	226	0.011	0.021	0.617	0.01 (-0.03, 0.05)	0.864	0.026	-0.055	0.043	0.202	-0.05 (-0.14, 0.03)	0.004	0.079	0.004	0.042	0.926	3.87e-03 (-0.08, 0.0	-0.007	0.040	0.852	-0.01 (-0.09, 0.07)
15503_20	LEFTY2	Lefty-A	226	0.009	0.019	0.617	0.01 (-0.03, 0.05)	0.864	0.062	0.001	0.041	0.976	1.25e-03 (-0.08, 0.08)	0.001	0.817	-0.027	0.038	0.481	-0.03 (-0.10, 0.05)	-0.022	0.040	0.586	-0.02 (-0.10, 0.06)
17820_170	MLF1	MLF1	226	-0.011	0.022	0.618	-0.01 (-0.05, 0.03)	0.865	0.006	-0.041	0.044	0.347	-0.04 (-0.13, 0.04)	0.002	0.424	0.002	0.042	0.970	1.58e-03 (-0.08, 0.0	0.000	0.043	0.997	-1.53e-04 (-0.09, 0.09)
8043_153	COMP	COMP	226	-0.011	0.022	0.618	-0.01 (-0.05, 0.03)	0.865	0.002	-0.050	0.044	0.254	-0.05 (-0.14, 0.04)	0.002	0.303	-0.041	0.039	0.294	-0.04 (-0.12, 0.04)	-0.032	0.042	0.444	-0.03 (-0.11, 0.05)
13568_30	PSMD4	PSMD4	226	-0.009	0.019	0.618	-0.01 (-0.05, 0.03)	0.866	0.701	-0.044	0.038	0.244	-0.04 (-0.12, 0.03)	0.002	0.289	-0.025	0.032	0.429	-0.02 (-0.09, 0.04)	-0.060	0.039	0.121	-0.06 (-0.14, 0.02)
4127_75	C6	C6	226	-0.009	0.018	0.619	-0.01 (-0.05, 0.03)	0.866	0.105	-0.111	0.038	0.004	-0.11 (-0.19, -0.04)	0.006	0.003	-0.054	0.034	0.113	-0.05 (-0.12, 0.01)	-0.037	0.038	0.328	-0.04 (-0.11, 0.04)
5272_55	SHC1	SHC1	226	-0.009	0.018	0.619	-0.01 (-0.04, 0.03)	0.866	0.499	-0.048	0.037	0.197	-0.05 (-0.12, 0.02)	0.002	0.229	-0.058	0.034	0.085	-0.06 (-0.12, 0.01)	-0.046	0.036	0.210	-0.05 (-0.12, 0.03)
12775_6	HMGB3	HMGB3	226	0.010	0.019	0.620	0.01 (-0.03, 0.05)	0.867	0.067	-0.034	0.042	0.416	-0.03 (-0.12, 0.05)	0.003	0.230	0.007	0.041	0.866	0.01 (-0.07, 0.09)	0.018	0.040	0.651	0.02 (-0.06, 0.10)
18188_12	GATM	GATM	226	0.009	0.018	0.620	0.01 (-0.03, 0.05)	0.867	0.290	-0.028	0.038	0.454	-0.03 (-0.10, 0.05)	0.002	0.255	-0.005	0.032	0.886	-4.64e-03 (-0.07, 0.	-0.028	0.041	0.488	-0.03 (-0.11, 0.05)
13495_48	HCAR2	HCAR2	226	0.010	0.019	0.622	0.01 (-0.03, 0.05)	0.867	0.387	-0.043	0.039	0.274	-0.04 (-0.12, 0.03)	0.003	0.124	-0.034	0.035	0.332	-0.03 (-0.10, 0.03)	-0.034	0.042	0.412	-0.03 (-0.12, 0.05)
13532_25	CNEP1R1	NEPR1	226	0.010	0.020	0.621	0.01 (-0.03, 0.05)	0.867	0.245	0.019	0.041	0.635	0.02 (-0.06, 0.10)	-0.001	0.785	-0.006	0.040	0.890	-0.01 (-0.08, 0.07)	-0.012	0.040	0.765	-0.01 (-0.09, 0.07)
15462_28	CD8A	CD8A	226	-0.010	0.020	0.621	-0.01 (-0.05, 0.03)	0.867	0.022	0.027	0.041	0.506	0.03 (-0.05, 0.11)	-0.002	0.295	-0.009	0.039	0.806	-0.01 (-0.09, 0.07)	-0.023	0.037	0.528	-0.02 (-0.10, 0.05)
16594_44	FAIM	FAIM1	226	-0.010	0.019	0.622	-0.01 (-0.05, 0.03)	0.867	0.570	-0.034	0.039	0.390	-0.03 (-0.11, 0.04)	0.002	0.478	-0.032	0.041	0.439	-0.03 (-0.11, 0.05)	-0.042	0.044	0.337	-0.04 (-0.13, 0.04)
2794_60	SOD1	SOD	226	0.009	0.019	0.622	0.01 (-0.03, 0.05)	0.867	0.033	0.013	0.039	0.738	0.01 (-0.06, 0.09)	0.000	0.916	-0.032	0.034	0.345	-0.03 (-0.10, 0.03)	-0.026	0.041	0.527	-0.03 (-0.11, 0.05)
5014_49	NCK1	NCK1	226	0.009	0.019	0.622	0.01 (-0.03, 0.05)	0.867	0.641	-0.023	0.038	0.548	-0.02 (-0.10, 0.05)	0.002	0.330	-0.028	0.032	0.388	-0.03 (-0.09, 0.04)	-0.035	0.040	0.380	-0.04 (-0.11, 0.04)
5070_76	TNFRSF6B	DcR3	226	0.010	0.019	0.622	0.01 (-0.03, 0.05)	0.867	0.263	0.084	0.040	0.037	0.08 (0.01, 0.16)	-0.005	0.033	0.033	0.031	0.296	0.03 (-0.03, 0.09)	0.089	0.047	0.061	0.09 (-3.55e-03, 0.18)
5509_7	EGF	EGF	226	-0.009	0.017	0.621	-0.01 (-0.04, 0.03)	0.867	0.474	-0.032	0.035	0.356	-0.03 (-0.10, 0.04)	0.001	0.435	-0.045	0.033	0.172	-0.04 (-0.11, 0.02)	-0.034	0.041	0.399	-0.03 (-0.11, 0.05)
6221_1	ADPGK	ADPGK	226	-0.010	0.021	0.622	-0.01 (-0.05, 0.03)	0.867	0.003	0.017	0.042	0.688	0.02 (-0.07, 0.10)	-0.002	0.457	-0.005	0.035	0.878	-0.01 (-0.07, 0.06)	-0.002	0.042	0.963	-1.97e-03 (-0.08, 0.08)
8840_61	C1S	C1s	226	0.010	0.020	0.621	0.01 (-0.03, 0.05)	0.867	0.488	0.002	0.039	0.965	1.73e-03 (-0.08, 0.08)	0.000	0.817	-0.003	0.039	0.934	-3.23e-03 (-0.08, 0.	0.006	0.039	0.888	0.01 (-0.07, 0.08)
9035_2	MXI1	MXI1	226	0.010	0.021	0.621	0.01 (-0.03, 0.05)	0.867	0.027	0.029	0.042	0.488	0.03 (-0.05, 0.11)	-0.001	0.604	0.030	0.040	0.451	0.03 (-0.05, 0.11)	0.048	0.043	0.266	0.05 (-0.04, 0.13)
17150_8	HSPE1	HSP 10	226	-0.009	0.018	0.622	-0.01 (-0.04, 0.03)	0.867	0.244	-0.027	0.038	0.471	-0.03 (-0.10, 0.05)	0.001	0.576	-0.016	0.031	0.610	-0.02 (-0.08, 0.04)	-0.038	0.039	0.326	-0.04 (-0.11, 0.04)
12652_37	AHCYL1	SAHH2	226	0.009	0.018	0.624	0.01 (-0.03, 0.04)	0.867	0.636	0.029	0.036	0.418	0.03 (-0.04, 0.10)	-0.001	0.514	0.000	0.035	0.989	-4.71e-04 (-0.07, 0.	-0.009	0.034	0.787	-0.01 (-0.08, 0.06)
12785_49	ZBTB33	KAISO	226	-0.010	0.020	0.624	-0.01 (-0.05, 0.03)	0.867	0.225	0.069	0.040	0.090	0.07 (-0.01, 0.15)	-0.005	0.026	0.025	0.032	0.444	0.02 (-0.04, 0.09)	0.045	0.040	0.258	0.05 (-0.03, 0.12)
12939_1	POLR1C	RPAC1	226	0.009	0.019	0.625	0.01 (-0.03, 0.05)	0.867	0.121	-0.030	0.041	0.469	-0.03 (-0.11, 0.05)	0.002	0.272	-0.004	0.040	0.928	-3.60e-03 (-0.08, 0.	-0.017	0.037	0.649	-0.02 (-0.09, 0.06)
13518_5	ASAP2	ASAP2	226	0.009	0.019	0.625	0.01 (-0.03, 0.05)	0.867	0.438	-0.028	0.039	0.465	-0.03 (-0.10, 0.05)	0.002	0.263	-0.038	0.032	0.240	-0.04 (-0.10, 0.03)	-0.053	0.043	0.219	-0.05 (-0.14, 0.03)
14331_262	DYNLT1	DYLT1	226	-0.010	0.020	0.624	-0.01 (-0.05, 0.03)	0.867	0.563	-0.016	0.040	0.691	-0.02 (-0.09, 0.06)	0.000	0.859	0.017	0.040	0.669	0.02 (-0.06, 0.10)	-0.017	0.046	0.716	-0.02 (-0.11, 0.07)
15315_64	CUTC	CUTC	226	0.010	0.019	0.624	0.01 (-0.03, 0.05)	0.867	0.338	-0.008	0.040	0.847	-0.01 (-0.09, 0.07)	0.001	0.619	0.028	0.035	0.425	0.03 (-0.04, 0.10)	0.017	0.041	0.675	0.02 (-0.06, 0.10)
19188_21	NAP1L4	NAP2L	226	0.009	0.018	0.623	0.01 (-0.03, 0.04)	0.867	0.477	-0.006	0.035	0.866	-0.01 (-0.08, 0.06)	0.001	0.635	-0.044	0.031	0.154	-0.04 (-0.11, 0.02)	-0.039	0.039	0.310	-0.04 (-0.12, 0.04)
2987_37	HIST1H1C	Histone H1	226	-0.010	0.021	0.623	-0.01 (-0.05, 0.03)	0.867	0.002	0.030	0.042	0.473	0.03 (-0.05, 0.11)	-0.003	0.269	0.004	0.038	0.918	3.98e-03 (-0.07, 0.0	-0.006	0.040	0.887	-0.01 (-0.08, 0.07)
3191_50	WFIKKN1	WFKN1	226	-0.009	0.019	0.625	-0.01 (-0.05, 0.03)	0.867	0.330	0.019	0.039	0.619	0.02 (-0.06, 0.10)	-0.002	0.398	0.010	0.038	0.782	0.01 (-0.06, 0.08)	0.000	0.040	0.993	3.73e-04 (-0.08, 0.08)
3488_64	CAT	Catalase	226	-0.009	0.019	0.625	-0.01 (-0.05, 0.03)	0.867	0.432	0.007	0.038	0.854	0.01 (-0.07, 0.08)	-0.001	0.625	-0.027	0.039	0.498	-0.03 (-0.10, 0.05)	-0.020	0.039	0.608	-0.02 (-0.10, 0.06)
6633_43	UPK3BL	UPK3L	226	0.009	0.019	0.624	0.01 (-0.03, 0.05)	0.867	0.068	-0.038	0.041	0.358	-0.04 (-0.12, 0.04)	0.003	0.188	0.018	0.039	0.645	0.02 (-0.06, 0.09)	-0.023	0.040	0.555	-0.02 (-0.10, 0.05)
6917_49	LRRC3	LRRC3	226	0.010	0.020	0.623	0.01 (-0.03, 0.05)	0.867	0.510	0.050	0.039	0.209	0.05 (-0.03, 0.13)	-0.002	0.243	0.016	0.040	0.691	0.02 (-0.06, 0.09)	0.023	0.041	0.574	0.02 (-0.06, 0.10)
7865_126	PLA2G16	HRSL3	226	-0.009	0.019	0.623	-0.01 (-0.05, 0.03)	0.867	0.930	-0.012	0.039	0.750	-0.01 (-0.09, 0.06)	0.000	0.932	-0.033	0.039	0.396	-0.03 (-0.11, 0.04)	-0.007	0.037	0.857	-0.01 (-0.08, 0.07)
8034_6	DRGX	DRGX	226	0.009	0.019	0.625	0.01 (-0.03, 0.05)	0.867	0.213	-0.022	0.040	0.580	-0.02 (-0.10, 0.06)	0.002	0.365	0.050	0.036	0.172	0.05 (-0.02, 0.12)	0.030	0.041	0.471	0.03 (-0.05, 0.11)
8635_283	ZPBP	ZPBP1	226	0.009	0.019	0.624	0.01 (-0.03, 0.05)	0.867	0.085	-0.017	0.042	0.683	-0.02 (-0.10, 0.06)	0.002	0.464	0.022	0.041	0.583	0.02 (-0.06, 0.10)	0.029	0.041	0.483	0.03 (-0.05, 0.11)
9082_25	SEL1L2	SE1L2	226	0.009	0.019	0.624	0.01 (-0.03, 0.05)	0.867	0.063	-0.027	0.042	0.523	-0.03 (-0.11, 0.06)	0.002	0.319	0.005	0.041	0.903	5.00e-03 (-0.08, 0.0	-0.012	0.043	0.788	-0.01 (-0.10, 0.07)
9380_2	PLA2G12B	sPLA(2)-XII	226	-0.013	0.027	0.625	-0.01 (-0.07, 0.04)	0.867	2.96E-15	0.069	0.054	0.203	0.07 (-0.04, 0.17)	-0.005	0.081	0.019	0.041	0.648	0.02 (-0.06, 0.10)	0.058	0.044	0.186	0.06 (-0.03, 0.14)
9856_22	DHPS	DHYS	226	0.010	0.020	0.623	0.01 (-0.03, 0.05)	0.867	0.850	0.023	0.040	0.564	0.02 (-0.05, 0.10)	-0.001	0.701	0.025	0.042	0.554	0.02 (-0.06, 0.11)	0.043	0.043	0.318	0.04 (-0.04, 0.13)
11173_29	MILR1	MILR1	226	-0.009	0.019	0.626	-0.01 (-0.05, 0.03)	0.868	0.760	0.000	0.039	0.992	-4.06e-04 (-0.08, 0.08)	-0.001	0.790	-0.030	0.040	0.460	-0.03 (-0.11, 0.05)	-0.042	0.041	0.304	-0.04 (-0.12, 0.04)
11667_29	TNS2	TENC1	226	-0.010	0.020	0.626	-0.01 (-0.05, 0.03)	0.868	0.610	0.010	0.039	0.790	0.01 (-0.07, 0.09)	-0.001	0.559	0.036	0.033	0.271	0.04 (-0.03, 0.10)	0.054	0.042	0.207	0.05 (-0.03, 0.14)
18214_2	GCLM	GSH0	226	0.009	0.018	0.626	0.01 (-0.03, 0.04)	0.868	0.816	-0.005	0.035	0.895	-4.69e-03 (-0.07, 0.06)	0.001	0.667	-0.035	0.030	0.248	-0.04 (-0.09, 0.02)	-0.047	0.037	0.205	-0.05 (-0.12, 0.03)
3204_2	LTA4H	LKHA4	226	0.009	0.018	0.626	0.01 (-0.03, 0.04)	0.868	0.152	-0.060	0.038	0.116	-0.06 (-0.14, 0.01)	0.004	0.038	-0.020	0.030	0.517	-0.02 (-0.08, 0.04)	-0.049	0.039	0.216	-0.05 (-0.13, 0.03)
3855_56	PRDX1	Peroxiredo	226	-0.009	0.019	0.627	-0.01 (-0.05, 0.03)	0.868	0.838	-0.017	0.039	0.652	-0.02 (-0.09, 0.06)	0.001	0.809	-0.042	0.038	0.266	-0.04 (-0.12, 0.03)	-0.029	0.040	0.472	-0.03 (-0.11, 0.05)
6351_55	CD79B	CD79B	226	0.011	0.022	0.627	0.01 (-0.03, 0.05)	0.868	0.001	0.044	0.045	0.329	0.04 (-0.04, 0.13)	-0.002	0.397	0.080	0.032	0.013	0.08 (0.02, 0.14)	0.101	0.045	0.027	0.10 (0.01, 0.19)
12742_160	TMEM8B	TMM8B	226	0.009	0.019	0.627	0.01 (-0.03, 0.05)	0.868	0.773	0.025	0.039	0.518	0.03 (-0.05, 0.10)	-0.001	0.641	-0.024	0.038	0.539	-0.02 (-0.10, 0.05)	-0.030	0.039	0.436	-0.03 (-0.11, 0.05)
16605_2	C1QTNF9	C1T9A	226	-0.010	0.021	0.628	-0.01 (-0.05, 0.03)	0.868	0.043	0.073	0.042	0.088	0.07 (-0.01, 0.16)	-0.005	0.025	0.013	0.032	0.697	0.01 (-0.05, 0.08)	0.041	0.043	0.335	0.04 (-0.04, 0.13)
9127_4	SLC26A5	S26A5	226	0.009	0.019	0.628	0.01 (-0.03, 0.05)	0.868	0.131	0.046	0.040	0.253	0.05 (-0.03, 0.13)	-0.002	0.292	0.053	0.037	0.151	0.05 (-0.02, 0.12)	0.052	0.042	0.215	0.05 (-0.03, 0.13)
18197_97	CKMT2	KCRS	226	0.010	0.021	0.628	0.01 (-0.03, 0.05)	0.868	0.009	-0.001	0.043	0.975	-1.33e-03 (-0.09, 0.08)	0.001	0.755	0.054	0.037	0.147	0.05 (-0.02, 0.13)	0.032	0.042	0.442	0.03 (-0.05, 0.11)
13412_5	WFDC6	WFDC6	226	0.011	0.023	0.628	0.01 (-0.03, 0.06)	0.869	4.93E-04	0.010	0.046	0.821	0.01 (-0.08, 0.10)	0.000	0.988	0.006	0.043	0.884	0.01 (-0.08, 0.09)	0.004	0.044	0.936	3.58e-03 (-0.08, 0.09)
17432_25	AK4	KAD4	226	0.009	0.019	0.629	0.01 (-0.03, 0.05)	0.869	0.111	-0.045	0.041	0.278	-0.04 (-0.13, 0.04)	0.003	0.131	0.027	0.037	0.471	0.03 (-0.05, 0.10)	0.009	0.042	0.831	0.01 (-0.07, 0.09)
19231_22	PTP4A3	PRL-3	226	0.009	0.019	0.629	0.01 (-0.03, 0.05)	0.869	0.471	-0.009	0.038	0.811	-0.01 (-0.08, 0.07)	0.001	0.582	-0.022	0.038	0.560	-0.02 (-0.10, 0.05)	0.003	0.041	0.947	2.78e-03 (-0.08, 0.08)
5754_76	INSL6	INSL6	226	0.009	0.019	0.629	0.01 (-0.03, 0.05)	0.869	0.737	-0.004	0.039	0.924	-3.72e-03 (-0.08, 0.07)	0.001	0.700	-0.018	0.040	0.658	-0.02 (-0.10, 0.06)	-0.029	0.039	0.447	-0.03 (-0.10, 0.05)
7233_73	P2RX6	P2RX6	226	0.009	0.019	0.629	0.01 (-0.03, 0.05)	0.869	0.915	0.018	0.037	0.624	0.02 (-0.05, 0.09)	-0.001	0.773	0.031	0.036	0.378	0.03 (-0.04, 0.10)	0.018	0.040	0.654	0.02 (-0.06, 0.10)
15301_24	ACRV1	sperm prote	226	-0.009	0.020	0.630	-0.01 (-0.05, 0.03)	0.870	0.061	0.050	0.042	0.238	0.05 (-0.03, 0.13)	-0.004	0.107	0.026	0.039	0.496	0.03 (-0.05, 0.10)	0.023	0.039	0.554	0.02 (-0.05, 0.10)
18381_16	ALDH2	ALDH-E2	226	0.010	0.022	0.631	0.01 (-0.03, 0.05)	0.871	0.001	-0.005	0.044	0.902	-0.01 (-0.09, 0.08)	0.001	0.677	-0.022	0.033	0.512	-0.02 (-0.09, 0.04)	-0.029	0.041	0.479	-0.03 (-0.11, 0.05)
17205_21	RAB5A	RAB5A	226	0.009	0.018	0.632	0.01 (-0.03, 0.04)	0.871	0.832	-0.017	0.037	0.644	-0.02 (-0.09, 0.05)	0.002	0.420	-0.006	0.030	0.845	-0.01 (-0.06, 0.05)	-0.030	0.040	0.444	-0.03 (-0.11, 0.05)
4332_6	CLEC1B	CLC1B	226	-0.010	0.020	0.631	-0.01 (-0.05, 0.03)	0.871	0.048	-0.004	0.040	0.911	-4.49e-03 (-0.08, 0.07)	0.000	0.885	-0.012	0.031	0.699	-0.01 (-0.07, 0.05)	-0.020	0.038	0.610	-0.02 (-0.09, 0.06)
11179_7	TSSK1B	TSSK1	226	-0.009	0.020	0.633	-0.01 (-0.05, 0.03)	0.872	0.467	0.043	0.040	0.280	0.04 (-0.03, 0.12)	-0.003	0.130	-0.024	0.034	0.467	-0.02 (-0.09, 0.04)	-0.013	0.041	0.755	-0.01 (-0.09, 0.07)
12551_3	ITCH	ITCH	226	-0.009	0.020	0.633	-0.01 (-0.05, 0.03)	0.872	0.238	-0.011	0.041	0.789	-0.01 (-0.09, 0.07)	0.000	0.965	-0.005	0.042	0.904	-0.01 (-0.09, 0.08)	0.005	0.042	0.901	0.01 (-0.08, 0.09)
3499_77	IL17B	IL-17B	226	0.009	0.019	0.632	0.01 (-0.03, 0.05)	0.872	0.131	0.057	0.041	0.163	0.06 (-0.02, 0.14)	-0.003	0.178	0.050	0.036	0.166	0.05 (-0.02, 0.12)	0.036	0.041	0.372	0.04 (-0.04, 0.12)
8858_21	BATF3	BATF3	226	0.009	0.019	0.633	0.01 (-0.03, 0.05)	0.872	0.334	0.031	0.040	0.436	0.03 (-0.05, 0.11)	-0.001	0.529	-0.007	0.039	0.865	-0.01 (-0.08, 0.07)	0.024	0.041	0.555	0.02 (-0.06, 0.10)
9449_150	C4BPA	C4b-bindin	226	0.010	0.021	0.633	0.01 (-0.03, 0.05)	0.872	0.009	-0.045	0.043	0.288	-0.05 (-0.13, 0.04)	0.003	0.135	0.040	0.038	0.300	0.04 (-0.04, 0.11)	0.030	0.044	0.501	0.03 (-0.06, 0.12)
10087_10	CRYAA	Alpha cryst	226	0.009	0.020	0.634	0.01 (-0.03, 0.05)	0.873	0.165	0.047	0.041	0.256	0.05 (-0.03, 0.13)	-0.002	0.294	0.047	0.041	0.254	0.05 (-0.03, 0.13)	0.052	0.041	0.204	0.05 (-0.03, 0.13)
10552_88	KLRC4	NKG2F	226	0.009	0.018	0.635	0.01 (-0.03, 0.04)	0.873	0.183	0.052	0.038	0.171	0.05 (-0.02, 0.13)	-0.003	0.188	0.021	0.040	0.600	0.02 (-0.06, 0.10)	0.016	0.043	0.714	0.02 (-0.07, 0.10)
15582_25	FCN1	FCN1	226	-0.009	0.019	0.634	-0.01 (-0.05, 0.03)	0.873	0.132	0.032	0.040	0.433	0.03 (-0.05, 0.11)	-0.003	0.246	-0.004	0.039	0.919	-3.90e-03 (-0.08, 0.	0.007	0.037	0.845	0.01 (-0.07, 0.08)
18192_69	MAGEA5	MAGE-5	226	0.010	0.021	0.635	0.01 (-0.03, 0.05)	0.873	0.035	-0.051	0.042	0.221	-0.05 (-0.13, 0.03)	0.004	0.093	-0.014	0.041	0.722	-0.01 (-0.09, 0.07)	-0.043	0.039	0.263	-0.04 (-0.12, 0.03)
18405_117	AP1S2	AP1S2	226	0.009	0.019	0.634	0.01 (-0.03, 0.05)	0.873	0.429	0.010	0.038	0.800	0.01 (-0.06, 0.08)	0.000	0.981	-0.025	0.036	0.494	-0.02 (-0.09, 0.05)	-0.009	0.039	0.824	-0.01 (-0.08, 0.07)
19279_42	RBP1	CRBP	226	0.010	0.022	0.635	0.01 (-0.03, 0.05)	0.873	0.004	0.005	0.044	0.912	4.89e-03 (-0.08, 0.09)	0.000	0.886	0.034	0.039	0.373	0.03 (-0.04, 0.11)	0.028	0.040	0.486	0.03 (-0.05, 0.11)
4968_50	CAPG	CAPG	226	-0.009	0.019	0.634	-0.01 (-0.05, 0.03)	0.873	0.179	-0.031	0.040	0.446	-0.03 (-0.11, 0.05)	0.001	0.537	0.002	0.038	0.967	1.57e-03 (-0.07, 0.0	-0.021	0.044	0.627	-0.02 (-0.11, 0.06)
5676_54	ASIP	ASIP	226	-0.014	0.030	0.634	-0.01 (-0.07, 0.04)	0.873	1.37E-30	0.068	0.059	0.255	0.07 (-0.05, 0.18)	-0.005	0.114	-0.005	0.038	0.898	-4.93e-03 (-0.08, 0.	-0.003	0.038	0.944	-2.68e-03 (-0.08, 0.07)
9263_57	SIAE	SIAE	226	0.010	0.021	0.635	0.01 (-0.03, 0.05)	0.873	0.006	0.048	0.042	0.249	0.05 (-0.03, 0.13)	-0.002	0.290	-0.007	0.034	0.844	-0.01 (-0.07, 0.06)	0.001	0.038	0.971	1.37e-03 (-0.07, 0.08)
17702_53	UGT1A1	UGT 1A1	226	-0.009	0.019	0.635	-0.01 (-0.05, 0.03)	0.873	0.400	-0.014	0.039	0.727	-0.01 (-0.09, 0.06)	0.000	0.893	-0.037	0.035	0.292	-0.04 (-0.11, 0.03)	-0.017	0.040	0.676	-0.02 (-0.09, 0.06)
8918_64	PTK2B	FAK2	226	0.008	0.018	0.636	0.01 (-0.03, 0.04)	0.874	0.450	-0.036	0.036	0.323	-0.04 (-0.11, 0.04)	0.003	0.160	-0.016	0.036	0.656	-0.02 (-0.09, 0.05)	-0.018	0.036	0.615	-0.02 (-0.09, 0.05)
12747_89	RBM3	RBM3	226	0.009	0.019	0.637	0.01 (-0.03, 0.05)	0.874	0.577	-0.015	0.037	0.685	-0.02 (-0.09, 0.06)	0.001	0.461	-0.008	0.030	0.795	-0.01 (-0.07, 0.05)	-0.045	0.037	0.215	-0.05 (-0.12, 0.03)
8405_108	ADAM10	ADAM 10	226	-0.009	0.019	0.637	-0.01 (-0.05, 0.03)	0.874	0.605	0.023	0.038	0.544	0.02 (-0.05, 0.10)	-0.002	0.333	0.012	0.036	0.733	0.01 (-0.06, 0.08)	-0.010	0.038	0.804	-0.01 (-0.08, 0.07)
7245_2	CELF2	CELF2	226	0.009	0.020	0.637	0.01 (-0.03, 0.05)	0.874	0.025	0.022	0.040	0.583	0.02 (-0.06, 0.10)	-0.001	0.716	-0.001	0.036	0.987	-5.67e-04 (-0.07, 0.	0.008	0.037	0.835	0.01 (-0.06, 0.08)
6259_60	TNC	Tenascin	226	0.009	0.020	0.638	0.01 (-0.03, 0.05)	0.875	0.910	0.006	0.039	0.885	0.01 (-0.07, 0.08)	0.000	0.918	0.017	0.040	0.660	0.02 (-0.06, 0.10)	0.012	0.044	0.792	0.01 (-0.07, 0.10)
8894_80	HNRNPAB	hnRNP A/B	226	0.009	0.018	0.638	0.01 (-0.03, 0.04)	0.875	0.532	-0.028	0.037	0.439	-0.03 (-0.10, 0.04)	0.002	0.247	-0.014	0.037	0.706	-0.01 (-0.09, 0.06)	-0.009	0.041	0.835	-0.01 (-0.09, 0.07)
14026_24	IL17F	IL-17F	226	0.009	0.019	0.639	0.01 (-0.03, 0.05)	0.875	0.681	-0.022	0.038	0.567	-0.02 (-0.10, 0.05)	0.002	0.354	-0.008	0.040	0.840	-0.01 (-0.09, 0.07)	-0.003	0.043	0.949	-2.73e-03 (-0.09, 0.08)
4203_50	CFL1	Cofilin-1	226	0.008	0.017	0.639	0.01 (-0.03, 0.04)	0.876	0.240	-0.009	0.036	0.794	-0.01 (-0.08, 0.06)	0.001	0.575	-0.014	0.035	0.703	-0.01 (-0.08, 0.06)	0.000	0.037	1.000	1.57e-05 (-0.07, 0.07)
15405_23	IFNA4	IFNA4	226	-0.009	0.019	0.639	-0.01 (-0.05, 0.03)	0.876	0.208	0.036	0.040	0.374	0.04 (-0.04, 0.11)	-0.003	0.200	0.026	0.041	0.521	0.03 (-0.05, 0.11)	0.043	0.043	0.322	0.04 (-0.04, 0.13)
10882_12	DSC1	Desmocolli	226	0.009	0.020	0.640	0.01 (-0.03, 0.05)	0.876	0.641	-0.036	0.039	0.358	-0.04 (-0.11, 0.04)	0.003	0.185	-0.023	0.039	0.565	-0.02 (-0.10, 0.05)	-0.015	0.048	0.755	-0.01 (-0.11, 0.08)
13529_39	NAP1L2	NP1L2	226	0.008	0.018	0.640	0.01 (-0.03, 0.04)	0.876	0.492	0.014	0.036	0.694	0.01 (-0.06, 0.09)	0.000	0.852	-0.017	0.035	0.622	-0.02 (-0.09, 0.05)	-0.011	0.039	0.786	-0.01 (-0.09, 0.07)
11198_37	CREB3L1	CR3L1	226	0.009	0.020	0.641	0.01 (-0.03, 0.05)	0.876	0.676	-0.041	0.040	0.297	-0.04 (-0.12, 0.04)	0.003	0.143	0.004	0.039	0.925	3.68e-03 (-0.07, 0.0	-0.027	0.039	0.494	-0.03 (-0.10, 0.05)
11347_9	TALDO1	Transaldola	226	0.010	0.021	0.642	0.01 (-0.03, 0.05)	0.876	0.029	-0.021	0.042	0.621	-0.02 (-0.10, 0.06)	0.002	0.404	-0.033	0.039	0.393	-0.03 (-0.11, 0.04)	-0.042	0.042	0.323	-0.04 (-0.12, 0.04)
11591_43	PRC1	PRC1	226	-0.009	0.020	0.644	-0.01 (-0.05, 0.03)	0.876	0.081	0.021	0.042	0.622	0.02 (-0.06, 0.10)	-0.002	0.415	-0.033	0.037	0.370	-0.03 (-0.11, 0.04)	-0.026	0.040	0.520	-0.03 (-0.10, 0.05)
12662_82	ECH1	ECH1	226	0.009	0.018	0.642	0.01 (-0.03, 0.04)	0.876	0.389	-0.001	0.038	0.982	-8.55e-04 (-0.07, 0.07)	0.001	0.773	-0.015	0.033	0.643	-0.02 (-0.08, 0.05)	-0.032	0.038	0.407	-0.03 (-0.11, 0.04)
13502_2	SLC26A11	S2611	226	0.009	0.019	0.642	0.01 (-0.03, 0.05)	0.876	0.602	0.005	0.039	0.894	0.01 (-0.07, 0.08)	0.000	0.910	0.035	0.033	0.281	0.04 (-0.03, 0.10)	0.034	0.043	0.429	0.03 (-0.05, 0.12)
13694_24	CRLF2	TSLP R	226	0.009	0.020	0.643	0.01 (-0.03, 0.05)	0.876	0.547	0.065	0.039	0.099	0.07 (-0.01, 0.14)	-0.004	0.102	0.060	0.035	0.086	0.06 (-0.01, 0.13)	0.071	0.043	0.101	0.07 (-0.01, 0.16)
14634_13	LHCGR	LSHR	226	-0.009	0.019	0.644	-0.01 (-0.05, 0.03)	0.876	0.194	0.041	0.040	0.312	0.04 (-0.04, 0.12)	-0.003	0.156	0.032	0.035	0.357	0.03 (-0.04, 0.10)	0.043	0.042	0.308	0.04 (-0.04, 0.12)
16583_8	NUDT2	AP4A	226	0.010	0.021	0.643	0.01 (-0.03, 0.05)	0.876	1.63E-04	0.033	0.043	0.451	0.03 (-0.05, 0.12)	-0.001	0.545	-0.015	0.032	0.640	-0.01 (-0.08, 0.05)	-0.006	0.036	0.860	-0.01 (-0.08, 0.06)
16781_2	ENGASE	ENASE	226	0.010	0.021	0.641	0.01 (-0.03, 0.05)	0.876	0.003	0.055	0.043	0.207	0.05 (-0.03, 0.14)	-0.003	0.235	0.013	0.040	0.741	0.01 (-0.06, 0.09)	0.025	0.039	0.529	0.02 (-0.05, 0.10)
17164_15	ANXA4	annexin IV	226	0.008	0.018	0.643	0.01 (-0.03, 0.04)	0.876	0.448	0.031	0.036	0.392	0.03 (-0.04, 0.10)	-0.001	0.469	-0.013	0.033	0.703	-0.01 (-0.08, 0.05)	-0.017	0.039	0.672	-0.02 (-0.09, 0.06)
17816_58	NCALD	NCALD	226	-0.009	0.019	0.643	-0.01 (-0.05, 0.03)	0.876	0.942	-0.004	0.038	0.924	-3.62e-03 (-0.08, 0.07)	0.000	0.877	0.010	0.038	0.799	0.01 (-0.06, 0.08)	0.038	0.042	0.367	0.04 (-0.04, 0.12)
19197_95	ACAT1	THIL	226	0.009	0.019	0.642	0.01 (-0.03, 0.05)	0.876	0.115	-0.032	0.040	0.430	-0.03 (-0.11, 0.05)	0.003	0.246	-0.026	0.032	0.411	-0.03 (-0.09, 0.04)	-0.052	0.039	0.188	-0.05 (-0.13, 0.03)
19222_124	RAB5B	RAB5B	226	-0.009	0.019	0.641	-0.01 (-0.05, 0.03)	0.876	0.865	-0.007	0.038	0.847	-0.01 (-0.08, 0.07)	0.000	0.965	-0.032	0.031	0.305	-0.03 (-0.09, 0.03)	-0.038	0.039	0.331	-0.04 (-0.11, 0.04)
19496_1	NPL	NPL	226	0.010	0.021	0.642	0.01 (-0.03, 0.05)	0.876	0.002	0.020	0.043	0.647	0.02 (-0.06, 0.10)	-0.001	0.793	0.004	0.039	0.911	4.36e-03 (-0.07, 0.0	-0.009	0.040	0.816	-0.01 (-0.09, 0.07)
3305_6	DLL4	DLL4	226	-0.012	0.026	0.641	-0.01 (-0.06, 0.04)	0.876	5.43E-14	0.007	0.053	0.895	0.01 (-0.10, 0.11)	-0.001	0.676	-0.038	0.039	0.328	-0.04 (-0.11, 0.04)	-0.044	0.040	0.267	-0.04 (-0.12, 0.03)
3892_21	MED1	MED-1	226	0.009	0.020	0.643	0.01 (-0.03, 0.05)	0.876	0.014	0.045	0.041	0.274	0.04 (-0.04, 0.12)	-0.002	0.319	0.027	0.040	0.502	0.03 (-0.05, 0.11)	0.049	0.039	0.213	0.05 (-0.03, 0.13)
4961_17	ANXA2	annexin II	226	0.010	0.021	0.644	0.01 (-0.03, 0.05)	0.876	0.013	-0.025	0.042	0.545	-0.03 (-0.11, 0.06)	0.002	0.337	-0.007	0.034	0.831	-0.01 (-0.07, 0.06)	-0.014	0.038	0.713	-0.01 (-0.09, 0.06)
5526_53	TNFRSF18	GITR	226	0.010	0.021	0.641	0.01 (-0.03, 0.05)	0.876	0.048	-0.062	0.041	0.135	-0.06 (-0.14, 0.02)	0.004	0.047	0.005	0.040	0.909	4.59e-03 (-0.07, 0.0	-0.036	0.044	0.421	-0.04 (-0.12, 0.05)
5649_83	PSG4	PSG4	226	-0.009	0.020	0.641	-0.01 (-0.05, 0.03)	0.876	0.971	0.017	0.039	0.664	0.02 (-0.06, 0.09)	-0.002	0.443	-0.005	0.041	0.895	-0.01 (-0.09, 0.07)	-0.017	0.042	0.696	-0.02 (-0.10, 0.07)
5734_13	PVRL4	nectin-4	226	-0.009	0.019	0.643	-0.01 (-0.05, 0.03)	0.876	0.139	0.015	0.041	0.714	0.01 (-0.06, 0.09)	-0.001	0.501	-0.021	0.038	0.575	-0.02 (-0.10, 0.05)	-0.009	0.042	0.826	-0.01 (-0.09, 0.07)
7253_6	QKI	QKI	226	-0.009	0.019	0.644	-0.01 (-0.05, 0.03)	0.876	0.054	-0.029	0.042	0.485	-0.03 (-0.11, 0.05)	0.001	0.576	-0.009	0.041	0.822	-0.01 (-0.09, 0.07)	0.007	0.041	0.872	0.01 (-0.07, 0.09)
8328_9	ETNK1	EKI1	226	0.008	0.018	0.643	0.01 (-0.03, 0.04)	0.876	0.451	0.035	0.037	0.350	0.03 (-0.04, 0.11)	-0.002	0.416	0.015	0.037	0.682	0.02 (-0.06, 0.09)	0.045	0.036	0.220	0.04 (-0.03, 0.12)
8975_26	RQCD1	RCD1	226	-0.008	0.018	0.641	-0.01 (-0.04, 0.03)	0.876	0.602	-0.038	0.036	0.299	-0.04 (-0.11, 0.03)	0.002	0.352	-0.048	0.036	0.181	-0.05 (-0.12, 0.02)	-0.047	0.038	0.219	-0.05 (-0.12, 0.03)
9844_138	ACTN2	ACTN2	226	0.010	0.021	0.643	0.01 (-0.03, 0.05)	0.876	0.012	0.039	0.042	0.352	0.04 (-0.04, 0.12)	-0.002	0.419	0.043	0.032	0.183	0.04 (-0.02, 0.11)	0.049	0.037	0.189	0.05 (-0.02, 0.12)
8767_44	ECE1	Endothelin-	226	0.010	0.021	0.645	0.01 (-0.03, 0.05)	0.877	0.048	-0.018	0.042	0.679	-0.02 (-0.10, 0.07)	0.002	0.460	0.024	0.040	0.549	0.02 (-0.05, 0.10)	0.026	0.040	0.511	0.03 (-0.05, 0.10)
10781_19	CLEC4G	CLC4G	226	0.009	0.020	0.650	0.01 (-0.03, 0.05)	0.877	0.002	-0.041	0.040	0.311	-0.04 (-0.12, 0.04)	0.003	0.154	-0.020	0.035	0.575	-0.02 (-0.09, 0.05)	-0.012	0.038	0.747	-0.01 (-0.09, 0.06)
11229_16	ERN1	ERN1	226	0.008	0.019	0.649	0.01 (-0.03, 0.05)	0.877	0.438	-0.024	0.038	0.517	-0.02 (-0.10, 0.05)	0.002	0.316	-0.029	0.038	0.450	-0.03 (-0.10, 0.05)	-0.018	0.041	0.655	-0.02 (-0.10, 0.06)
11380_84	RBM24	RBM24	226	0.009	0.019	0.647	0.01 (-0.03, 0.05)	0.877	0.220	-0.069	0.040	0.089	-0.07 (-0.15, 0.01)	0.005	0.027	-0.014	0.040	0.718	-0.01 (-0.09, 0.06)	-0.046	0.042	0.275	-0.05 (-0.13, 0.04)
11458_30	PCBP1	PCBP1	226	-0.009	0.019	0.646	-0.01 (-0.05, 0.03)	0.877	0.979	0.029	0.039	0.465	0.03 (-0.05, 0.11)	-0.002	0.270	-0.028	0.039	0.474	-0.03 (-0.10, 0.05)	-0.029	0.036	0.420	-0.03 (-0.10, 0.04)
11566_48	KRT72	Keratin 72	226	-0.009	0.019	0.650	-0.01 (-0.05, 0.03)	0.877	0.180	-0.017	0.041	0.673	-0.02 (-0.10, 0.06)	0.001	0.811	-0.011	0.041	0.793	-0.01 (-0.09, 0.07)	-0.034	0.044	0.439	-0.03 (-0.12, 0.05)
11643_73	DTX3L	DTX3L	226	-0.008	0.018	0.651	-0.01 (-0.04, 0.03)	0.877	0.906	-0.037	0.037	0.312	-0.04 (-0.11, 0.03)	0.002	0.365	-0.003	0.036	0.932	-3.06e-03 (-0.07, 0.	-0.026	0.037	0.480	-0.03 (-0.10, 0.05)
12655_30	NAPB	SNAB	226	-0.009	0.019	0.648	-0.01 (-0.05, 0.03)	0.877	0.319	-0.033	0.040	0.411	-0.03 (-0.11, 0.05)	0.002	0.489	-0.013	0.041	0.759	-0.01 (-0.09, 0.07)	-0.019	0.042	0.659	-0.02 (-0.10, 0.06)
13680_3	NAB2	NAB2	226	0.008	0.018	0.649	0.01 (-0.03, 0.04)	0.877	0.093	0.009	0.039	0.815	0.01 (-0.07, 0.09)	0.000	0.980	-0.012	0.039	0.751	-0.01 (-0.09, 0.06)	-0.030	0.040	0.462	-0.03 (-0.11, 0.05)
15444_45	SERPINB4	SCCA2	226	0.009	0.020	0.650	0.01 (-0.03, 0.05)	0.877	0.871	0.040	0.039	0.316	0.04 (-0.04, 0.12)	-0.002	0.370	0.043	0.036	0.229	0.04 (-0.03, 0.11)	0.032	0.040	0.424	0.03 (-0.05, 0.11)
15666_21	BMP2	BMP-2	226	-0.009	0.019	0.650	-0.01 (-0.05, 0.03)	0.877	0.286	0.076	0.039	0.056	0.08 (-1.39e-03, 0.15)	-0.005	0.014	0.007	0.040	0.864	0.01 (-0.07, 0.08)	0.022	0.040	0.587	0.02 (-0.06, 0.10)
15668_19	BMP8B	BMP-8	226	0.009	0.019	0.650	0.01 (-0.03, 0.05)	0.877	0.084	-0.045	0.041	0.266	-0.05 (-0.12, 0.03)	0.003	0.127	-0.020	0.039	0.608	-0.02 (-0.10, 0.06)	-0.031	0.039	0.423	-0.03 (-0.11, 0.05)
18177_49	NAE1	ULA1	226	-0.009	0.019	0.650	-0.01 (-0.05, 0.03)	0.877	0.962	-0.022	0.039	0.583	-0.02 (-0.10, 0.06)	0.001	0.708	0.018	0.037	0.616	0.02 (-0.05, 0.09)	-0.015	0.041	0.712	-0.02 (-0.10, 0.07)
18190_15	CARD18	ICBR	226	0.010	0.021	0.648	0.01 (-0.03, 0.05)	0.877	0.026	-0.031	0.043	0.468	-0.03 (-0.11, 0.05)	0.003	0.273	0.027	0.041	0.506	0.03 (-0.05, 0.11)	0.007	0.039	0.865	0.01 (-0.07, 0.08)
18268_5	GAGE2A	GAG2A	226	-0.008	0.018	0.648	-0.01 (-0.04, 0.03)	0.877	0.971	-0.014	0.037	0.702	-0.01 (-0.09, 0.06)	0.000	0.857	-0.042	0.037	0.256	-0.04 (-0.11, 0.03)	-0.047	0.039	0.230	-0.05 (-0.12, 0.03)
18312_68	NDRG3	NDRG3	226	-0.009	0.019	0.649	-0.01 (-0.05, 0.03)	0.877	0.455	0.011	0.039	0.778	0.01 (-0.07, 0.09)	-0.001	0.560	-0.032	0.039	0.406	-0.03 (-0.11, 0.04)	-0.017	0.043	0.688	-0.02 (-0.10, 0.07)
19124_9	UBLCP1	UBCP1	226	0.009	0.020	0.647	0.01 (-0.03, 0.05)	0.877	0.021	0.010	0.040	0.807	0.01 (-0.07, 0.09)	0.000	0.984	-0.019	0.036	0.607	-0.02 (-0.09, 0.05)	-0.003	0.039	0.930	-3.44e-03 (-0.08, 0.07)
19132_1	MRPL2	RM02	226	-0.008	0.018	0.650	-0.01 (-0.04, 0.03)	0.877	0.439	-0.013	0.038	0.734	-0.01 (-0.09, 0.06)	0.000	0.893	-0.019	0.035	0.596	-0.02 (-0.09, 0.05)	-0.021	0.041	0.618	-0.02 (-0.10, 0.06)
19270_26	YARS	SYYC	226	-0.009	0.019	0.646	-0.01 (-0.05, 0.03)	0.877	0.915	0.022	0.038	0.566	0.02 (-0.05, 0.10)	-0.002	0.356	-0.030	0.037	0.416	-0.03 (-0.10, 0.04)	-0.010	0.039	0.806	-0.01 (-0.09, 0.07)
19275_68	IDH3G	IDH3G	226	-0.010	0.021	0.645	-0.01 (-0.05, 0.03)	0.877	0.005	0.014	0.042	0.730	0.01 (-0.07, 0.10)	-0.001	0.509	-0.005	0.039	0.898	-0.01 (-0.08, 0.07)	0.003	0.039	0.935	3.17e-03 (-0.07, 0.08)
19555_1	SUMO2	SUMO2	226	0.008	0.018	0.649	0.01 (-0.03, 0.04)	0.877	0.692	-0.009	0.037	0.807	-0.01 (-0.08, 0.06)	0.001	0.589	-0.041	0.033	0.215	-0.04 (-0.11, 0.02)	-0.032	0.040	0.423	-0.03 (-0.11, 0.05)
2773_50	IL10	IL-10	226	0.009	0.019	0.651	0.01 (-0.03, 0.05)	0.877	0.152	0.011	0.041	0.792	0.01 (-0.07, 0.09)	0.000	0.954	0.048	0.039	0.219	0.05 (-0.03, 0.12)	0.054	0.043	0.216	0.05 (-0.03, 0.14)
3199_54	KLK12	kallikrein 1	226	0.009	0.019	0.646	0.01 (-0.03, 0.05)	0.877	0.149	-0.041	0.040	0.304	-0.04 (-0.12, 0.04)	0.003	0.152	-0.006	0.040	0.879	-0.01 (-0.08, 0.07)	-0.021	0.040	0.594	-0.02 (-0.10, 0.06)
3283_21	TGFBI	BGH3	226	-0.008	0.018	0.651	-0.01 (-0.04, 0.03)	0.877	0.070	-0.015	0.040	0.699	-0.02 (-0.09, 0.06)	0.000	0.839	0.004	0.040	0.924	3.85e-03 (-0.08, 0.0	0.018	0.042	0.677	0.02 (-0.07, 0.10)
3413_50	BCL2A1	BFL1	226	-0.008	0.018	0.649	-0.01 (-0.04, 0.03)	0.877	0.115	0.008	0.038	0.844	0.01 (-0.07, 0.08)	-0.001	0.637	-0.012	0.034	0.723	-0.01 (-0.08, 0.06)	0.009	0.039	0.817	0.01 (-0.07, 0.09)
3887_90	KPNB1	IMB1	226	-0.008	0.019	0.648	-0.01 (-0.04, 0.03)	0.877	0.625	-0.004	0.037	0.912	-4.12e-03 (-0.08, 0.07)	0.000	0.894	-0.033	0.035	0.357	-0.03 (-0.10, 0.04)	-0.016	0.039	0.689	-0.02 (-0.09, 0.06)
4548_4	FUT3	Fucosyltran	226	-0.009	0.020	0.646	-0.01 (-0.05, 0.03)	0.877	0.528	0.076	0.039	0.055	0.08 (-1.34e-03, 0.15)	-0.005	0.014	0.043	0.036	0.229	0.04 (-0.03, 0.11)	0.032	0.040	0.421	0.03 (-0.05, 0.11)
5275_28	VAV1	VAV	226	0.008	0.018	0.651	0.01 (-0.03, 0.04)	0.877	0.655	-0.012	0.036	0.743	-0.01 (-0.08, 0.06)	0.001	0.525	-0.032	0.034	0.356	-0.03 (-0.10, 0.04)	-0.025	0.038	0.502	-0.03 (-0.10, 0.05)
6359_50	POMGNT2	AGO61	226	-0.010	0.023	0.650	-0.01 (-0.06, 0.03)	0.877	1.35E-05	0.048	0.046	0.298	0.05 (-0.04, 0.14)	-0.004	0.145	-0.044	0.040	0.268	-0.04 (-0.12, 0.03)	-0.047	0.039	0.225	-0.05 (-0.12, 0.03)
6531_29	FAM162A	F162A	226	-0.009	0.019	0.651	-0.01 (-0.05, 0.03)	0.877	0.034	-0.015	0.039	0.706	-0.01 (-0.09, 0.06)	0.000	0.860	-0.034	0.034	0.314	-0.03 (-0.10, 0.03)	-0.023	0.040	0.569	-0.02 (-0.10, 0.06)
7769_29	SH3BP2	3BP2	226	0.009	0.019	0.646	0.01 (-0.03, 0.05)	0.877	0.335	-0.033	0.038	0.396	-0.03 (-0.11, 0.04)	0.003	0.217	-0.032	0.038	0.395	-0.03 (-0.11, 0.04)	-0.020	0.043	0.639	-0.02 (-0.10, 0.06)
7892_132	KIAA1467	K1467	226	0.009	0.019	0.648	0.01 (-0.03, 0.05)	0.877	0.538	0.044	0.039	0.267	0.04 (-0.03, 0.12)	-0.002	0.309	-0.001	0.039	0.987	-6.27e-04 (-0.08, 0.	0.006	0.041	0.891	0.01 (-0.07, 0.09)
9457_3	CAV2	CAV2	226	0.009	0.019	0.647	0.01 (-0.03, 0.05)	0.877	0.120	0.007	0.041	0.873	0.01 (-0.07, 0.09)	0.000	0.950	0.031	0.031	0.307	0.03 (-0.03, 0.09)	0.035	0.044	0.424	0.04 (-0.05, 0.12)
9482_110	NUDT9	NUDT9	226	0.008	0.018	0.649	0.01 (-0.03, 0.04)	0.877	0.208	-0.006	0.037	0.863	-0.01 (-0.08, 0.07)	0.001	0.654	-0.027	0.030	0.364	-0.03 (-0.09, 0.03)	-0.038	0.035	0.277	-0.04 (-0.11, 0.03)
11683_19	GGA3	GGA3	226	0.008	0.018	0.651	0.01 (-0.03, 0.04)	0.878	0.239	0.000	0.037	0.998	-9.19e-05 (-0.07, 0.07)	0.001	0.801	-0.009	0.031	0.768	-0.01 (-0.07, 0.05)	-0.043	0.038	0.260	-0.04 (-0.12, 0.03)
7880_9	PSMA1	PSA1	226	0.009	0.020	0.652	0.01 (-0.03, 0.05)	0.878	0.287	-0.051	0.040	0.205	-0.05 (-0.13, 0.03)	0.004	0.087	-0.007	0.041	0.869	-0.01 (-0.09, 0.07)	-0.031	0.041	0.453	-0.03 (-0.11, 0.05)
12597_68	ATG5	Autophagy	226	0.008	0.018	0.652	0.01 (-0.03, 0.04)	0.878	0.317	-0.007	0.037	0.849	-0.01 (-0.08, 0.07)	0.001	0.638	-0.009	0.033	0.783	-0.01 (-0.07, 0.06)	-0.009	0.039	0.809	-0.01 (-0.09, 0.07)
18833_76	PEA15	PEA15	226	0.009	0.019	0.652	0.01 (-0.03, 0.05)	0.878	0.144	0.004	0.041	0.920	4.13e-03 (-0.08, 0.09)	0.000	0.897	0.000	0.039	0.990	4.65e-04 (-0.08, 0.0	-0.002	0.038	0.960	-1.91e-03 (-0.08, 0.07)
11118_107	RAB17	RAB17	226	0.009	0.019	0.655	0.01 (-0.03, 0.05)	0.878	0.058	-0.049	0.042	0.238	-0.05 (-0.13, 0.03)	0.004	0.111	0.014	0.042	0.736	0.01 (-0.07, 0.10)	-0.007	0.043	0.876	-0.01 (-0.09, 0.08)
11292_13	SCARA3	SCAR3	226	0.009	0.019	0.654	0.01 (-0.03, 0.05)	0.878	0.165	0.000	0.041	0.995	-2.54e-04 (-0.08, 0.08)	0.001	0.802	0.052	0.037	0.165	0.05 (-0.02, 0.12)	0.039	0.044	0.377	0.04 (-0.05, 0.12)
13470_43	PTH1R	PTH1R	226	0.008	0.019	0.654	0.01 (-0.03, 0.05)	0.878	0.096	0.049	0.040	0.226	0.05 (-0.03, 0.13)	-0.003	0.249	0.046	0.036	0.202	0.05 (-0.02, 0.12)	0.036	0.038	0.342	0.04 (-0.04, 0.11)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
13726_4	CD80	B7	226	0.009	0.020	0.655	0.01 (-0.03, 0.05)	0.878	0.324	0.001	0.040	0.989	5.65e-04 (-0.08, 0.08)	0.001	0.815	0.040	0.035	0.249	0.04 (-0.03, 0.11)	0.032	0.040	0.425	0.03 (-0.05, 0.11)
13937_75	CAND1	CAND1	226	0.008	0.018	0.654	0.01 (-0.03, 0.04)	0.878	0.498	-0.012	0.036	0.735	-0.01 (-0.08, 0.06)	0.001	0.519	-0.057	0.030	0.060	-0.06 (-0.12, 2.45e-	-0.054	0.039	0.166	-0.05 (-0.13, 0.02)
15389_1	FXN	FRDA	226	0.009	0.020	0.655	0.01 (-0.03, 0.05)	0.878	0.393	0.032	0.040	0.420	0.03 (-0.05, 0.11)	-0.001	0.498	0.008	0.040	0.836	0.01 (-0.07, 0.09)	0.018	0.040	0.651	0.02 (-0.06, 0.10)
18905_5	KRT16	Keratin-16	226	-0.009	0.019	0.655	-0.01 (-0.05, 0.03)	0.878	0.131	0.033	0.041	0.428	0.03 (-0.05, 0.11)	-0.003	0.248	0.010	0.033	0.754	0.01 (-0.05, 0.07)	0.015	0.044	0.729	0.02 (-0.07, 0.10)
19504_22	DTYMK	KTHY	226	-0.008	0.019	0.654	-0.01 (-0.04, 0.03)	0.878	0.739	0.000	0.037	0.999	4.85e-05 (-0.07, 0.07)	-0.001	0.797	-0.048	0.036	0.183	-0.05 (-0.12, 0.02)	-0.047	0.036	0.197	-0.05 (-0.12, 0.02)
2682_68	HSPD1	HSP 60	226	-0.009	0.020	0.655	-0.01 (-0.05, 0.03)	0.878	0.035	-0.015	0.040	0.709	-0.02 (-0.09, 0.06)	0.000	0.861	-0.055	0.034	0.110	-0.05 (-0.12, 0.01)	-0.049	0.037	0.185	-0.05 (-0.12, 0.02)
3034_1	GFAP	GFAP	226	0.009	0.019	0.653	0.01 (-0.03, 0.05)	0.878	0.944	0.019	0.039	0.631	0.02 (-0.06, 0.09)	-0.001	0.767	-0.040	0.032	0.206	-0.04 (-0.10, 0.02)	-0.075	0.045	0.097	-0.08 (-0.16, 0.01)
5082_51	IL1RAPL2	IL-1 sR9	226	-0.009	0.019	0.654	-0.01 (-0.05, 0.03)	0.878	0.064	-0.017	0.042	0.678	-0.02 (-0.10, 0.06)	0.001	0.811	-0.003	0.041	0.933	-3.43e-03 (-0.08, 0.	-0.001	0.045	0.976	-1.32e-03 (-0.09, 0.09)
6361_49	PTPRR	PTPRR	226	-0.009	0.019	0.653	-0.01 (-0.05, 0.03)	0.878	0.346	0.012	0.039	0.753	0.01 (-0.06, 0.09)	-0.001	0.539	0.009	0.038	0.813	0.01 (-0.07, 0.08)	-0.012	0.038	0.752	-0.01 (-0.09, 0.06)
6997_32	RAB26	RAB26	226	-0.011	0.024	0.653	-0.01 (-0.06, 0.04)	0.878	4.81E-11	0.029	0.049	0.552	0.03 (-0.07, 0.13)	-0.003	0.347	-0.001	0.037	0.972	-1.28e-03 (-0.07, 0.	0.009	0.040	0.816	0.01 (-0.07, 0.09)
9057_19	ADRM1	ADRM1	226	-0.009	0.019	0.654	-0.01 (-0.05, 0.03)	0.878	0.309	-0.023	0.040	0.562	-0.02 (-0.10, 0.06)	0.001	0.676	-0.016	0.041	0.695	-0.02 (-0.10, 0.06)	-0.026	0.039	0.514	-0.03 (-0.10, 0.05)
9874_28	CDKN2B	p15-INK4b	226	0.009	0.019	0.654	0.01 (-0.03, 0.05)	0.878	0.354	-0.014	0.039	0.713	-0.01 (-0.09, 0.06)	0.001	0.500	0.004	0.040	0.924	3.87e-03 (-0.08, 0.0	-0.010	0.041	0.807	-0.01 (-0.09, 0.07)
11952_1	IGDCC3	IGDC3	226	0.009	0.021	0.656	0.01 (-0.03, 0.05)	0.878	0.013	0.059	0.043	0.169	0.06 (-0.02, 0.14)	-0.003	0.183	0.014	0.041	0.733	0.01 (-0.07, 0.09)	0.019	0.037	0.618	0.02 (-0.05, 0.09)
16805_5	PDE5A	PDE5A	226	0.008	0.019	0.656	0.01 (-0.03, 0.05)	0.878	0.645	0.036	0.038	0.344	0.04 (-0.04, 0.11)	-0.002	0.403	0.000	0.036	0.989	-4.85e-04 (-0.07, 0.	0.005	0.040	0.901	4.97e-03 (-0.07, 0.08)
8878_48	YTHDC1	YTDC1	226	0.009	0.019	0.656	0.01 (-0.03, 0.05)	0.878	0.410	0.034	0.039	0.380	0.03 (-0.04, 0.11)	-0.002	0.448	-0.017	0.036	0.629	-0.02 (-0.09, 0.05)	-0.014	0.038	0.708	-0.01 (-0.09, 0.06)
9118_7	PSD2	PSD2	226	0.008	0.019	0.655	0.01 (-0.03, 0.05)	0.878	0.202	0.053	0.040	0.179	0.05 (-0.02, 0.13)	-0.003	0.193	0.046	0.031	0.131	0.05 (-0.01, 0.11)	0.055	0.039	0.159	0.06 (-0.02, 0.13)
8000_17	KIR2DL5A	KI2LA	226	0.009	0.020	0.656	0.01 (-0.03, 0.05)	0.879	0.380	0.000	0.040	0.998	-1.23e-04 (-0.08, 0.08)	0.001	0.799	-0.028	0.035	0.415	-0.03 (-0.10, 0.04)	-0.019	0.043	0.658	-0.02 (-0.10, 0.06)
17364_8	SNRPB2	RU2B	226	0.008	0.018	0.657	0.01 (-0.03, 0.04)	0.879	0.348	0.045	0.038	0.228	0.05 (-0.03, 0.12)	-0.002	0.255	0.005	0.037	0.890	0.01 (-0.07, 0.08)	0.017	0.037	0.635	0.02 (-0.05, 0.09)
18220_141	SRA1	SRA1	226	-0.008	0.018	0.657	-0.01 (-0.04, 0.03)	0.879	0.188	-0.010	0.038	0.797	-0.01 (-0.08, 0.06)	0.000	0.958	-0.040	0.034	0.240	-0.04 (-0.11, 0.03)	-0.033	0.036	0.362	-0.03 (-0.10, 0.04)
19169_88	FIBP	FIBP	226	0.008	0.018	0.656	0.01 (-0.03, 0.04)	0.879	0.538	-0.011	0.036	0.772	-0.01 (-0.08, 0.06)	0.001	0.557	-0.026	0.034	0.433	-0.03 (-0.09, 0.04)	-0.030	0.039	0.433	-0.03 (-0.11, 0.05)
3630_27	CADM3	Nectin-like	226	-0.008	0.019	0.657	-0.01 (-0.04, 0.03)	0.879	0.789	-0.015	0.038	0.685	-0.02 (-0.09, 0.06)	0.000	0.831	-0.021	0.038	0.582	-0.02 (-0.10, 0.05)	-0.030	0.040	0.457	-0.03 (-0.11, 0.05)
8870_38	NPM1	NPM1	226	-0.009	0.020	0.657	-0.01 (-0.05, 0.03)	0.879	0.173	0.021	0.041	0.609	0.02 (-0.06, 0.10)	-0.002	0.406	0.022	0.036	0.540	0.02 (-0.05, 0.09)	0.011	0.039	0.770	0.01 (-0.06, 0.09)
9753_17	EZR	Ezrin	226	-0.008	0.018	0.657	-0.01 (-0.04, 0.03)	0.879	0.645	-0.043	0.035	0.228	-0.04 (-0.11, 0.03)	0.002	0.256	-0.038	0.037	0.306	-0.04 (-0.11, 0.03)	-0.044	0.035	0.215	-0.04 (-0.11, 0.03)
7879_12	CYP3A4	Cytochrome	226	0.009	0.021	0.658	0.01 (-0.03, 0.05)	0.879	0.017	-0.015	0.043	0.734	-0.01 (-0.10, 0.07)	0.001	0.519	0.024	0.037	0.510	0.02 (-0.05, 0.10)	0.017	0.041	0.674	0.02 (-0.06, 0.10)
12706_2	CDC42BPA	MRCKA	226	-0.009	0.019	0.658	-0.01 (-0.05, 0.03)	0.879	0.707	0.078	0.039	0.046	0.08 (1.63e-03, 0.15)	-0.005	0.011	0.039	0.037	0.301	0.04 (-0.03, 0.11)	0.045	0.038	0.242	0.05 (-0.03, 0.12)
2571_12	IGFBP3	IGFBP-3	226	-0.008	0.018	0.658	-0.01 (-0.04, 0.03)	0.879	0.264	0.016	0.037	0.661	0.02 (-0.06, 0.09)	-0.002	0.453	-0.012	0.037	0.736	-0.01 (-0.08, 0.06)	-0.005	0.035	0.874	-0.01 (-0.07, 0.06)
8458_111	SNCA	a-Synuclein	226	0.008	0.019	0.659	0.01 (-0.03, 0.05)	0.879	0.058	0.042	0.041	0.310	0.04 (-0.04, 0.12)	-0.002	0.350	0.033	0.039	0.403	0.03 (-0.04, 0.11)	0.030	0.044	0.501	0.03 (-0.06, 0.12)
9730_22	GHDC	GHDC	226	0.009	0.020	0.658	0.01 (-0.03, 0.05)	0.879	0.601	0.004	0.039	0.911	4.40e-03 (-0.07, 0.08)	0.000	0.901	0.006	0.032	0.856	0.01 (-0.06, 0.07)	0.029	0.039	0.457	0.03 (-0.05, 0.11)
12695_62	KLHL12	KLH12	226	0.008	0.019	0.660	0.01 (-0.03, 0.05)	0.880	0.587	-0.019	0.039	0.623	-0.02 (-0.10, 0.06)	0.002	0.414	-0.034	0.035	0.331	-0.03 (-0.10, 0.03)	-0.025	0.041	0.539	-0.03 (-0.11, 0.06)
19334_62	TXNDC12	TXD12	226	-0.008	0.018	0.660	-0.01 (-0.04, 0.03)	0.880	0.687	-0.020	0.037	0.578	-0.02 (-0.09, 0.05)	0.001	0.696	-0.017	0.032	0.588	-0.02 (-0.08, 0.05)	-0.031	0.038	0.424	-0.03 (-0.11, 0.04)
2962_50	PTHLH	PTHrP	226	-0.008	0.019	0.660	-0.01 (-0.05, 0.03)	0.880	0.139	0.022	0.040	0.588	0.02 (-0.06, 0.10)	-0.002	0.388	-0.025	0.030	0.409	-0.02 (-0.08, 0.03)	-0.056	0.039	0.159	-0.06 (-0.13, 0.02)
3809_1	FGFR3	FGFR-3	226	0.008	0.019	0.659	0.01 (-0.03, 0.05)	0.880	0.200	-0.002	0.040	0.959	-2.06e-03 (-0.08, 0.08)	0.001	0.763	-0.010	0.038	0.789	-0.01 (-0.08, 0.06)	0.001	0.042	0.987	6.90e-04 (-0.08, 0.08)
9445_44	C19orf18	CS018	226	-0.009	0.019	0.659	-0.01 (-0.05, 0.03)	0.880	0.403	0.040	0.040	0.317	0.04 (-0.04, 0.12)	-0.003	0.161	0.004	0.041	0.916	4.39e-03 (-0.08, 0.0	0.007	0.043	0.875	0.01 (-0.08, 0.09)
7935_26	LARGE	LARGE	226	0.009	0.021	0.660	0.01 (-0.03, 0.05)	0.880	0.001	0.044	0.042	0.289	0.04 (-0.04, 0.13)	-0.002	0.332	0.020	0.038	0.593	0.02 (-0.05, 0.09)	0.028	0.038	0.458	0.03 (-0.05, 0.10)
10608_9	HTN1	HIS1	226	-0.008	0.019	0.661	-0.01 (-0.05, 0.03)	0.880	0.687	-0.020	0.038	0.594	-0.02 (-0.10, 0.05)	0.001	0.716	-0.021	0.039	0.579	-0.02 (-0.10, 0.05)	-0.024	0.039	0.545	-0.02 (-0.10, 0.05)
12616_45	NRBP1	NRBP	226	-0.009	0.021	0.661	-0.01 (-0.05, 0.03)	0.880	0.010	-0.040	0.042	0.342	-0.04 (-0.12, 0.04)	0.002	0.398	0.038	0.034	0.265	0.04 (-0.03, 0.10)	0.019	0.039	0.627	0.02 (-0.06, 0.10)
12698_72	KPNA4	IMA4	226	-0.008	0.018	0.661	-0.01 (-0.04, 0.03)	0.880	0.094	0.005	0.039	0.896	0.01 (-0.07, 0.08)	-0.001	0.699	-0.023	0.037	0.525	-0.02 (-0.10, 0.05)	-0.023	0.038	0.544	-0.02 (-0.10, 0.05)
13642_90	IFIT3	CIG49	226	0.008	0.019	0.661	0.01 (-0.03, 0.05)	0.880	0.316	0.041	0.039	0.287	0.04 (-0.03, 0.12)	-0.002	0.326	0.002	0.038	0.953	2.23e-03 (-0.07, 0.0	0.016	0.041	0.686	0.02 (-0.06, 0.10)
17475_18	PBK	TOPK	226	-0.008	0.019	0.661	-0.01 (-0.05, 0.03)	0.880	0.242	-0.024	0.040	0.559	-0.02 (-0.10, 0.06)	0.001	0.667	0.001	0.040	0.979	1.07e-03 (-0.08, 0.0	-0.014	0.039	0.724	-0.01 (-0.09, 0.06)
5735_54	C1GALT1C	C1GLC	226	0.021	0.049	0.661	0.02 (-0.07, 0.12)	0.880	5.29E-181	0.021	0.099	0.836	0.02 (-0.17, 0.21)	0.000	0.991	-0.047	0.035	0.178	-0.05 (-0.11, 0.02)	-0.026	0.042	0.533	-0.03 (-0.11, 0.06)
8973_23	FCRL4	FCRL4	226	-0.009	0.022	0.661	-0.01 (-0.05, 0.03)	0.880	0.004	0.062	0.043	0.154	0.06 (-0.02, 0.15)	-0.004	0.059	0.037	0.037	0.316	0.04 (-0.04, 0.11)	0.030	0.046	0.512	0.03 (-0.06, 0.12)
10955_4	CLEC10A	CLC10	226	0.008	0.019	0.662	0.01 (-0.03, 0.05)	0.880	0.367	-0.042	0.039	0.278	-0.04 (-0.12, 0.03)	0.003	0.135	-0.012	0.040	0.768	-0.01 (-0.09, 0.07)	0.010	0.039	0.798	0.01 (-0.07, 0.09)
16847_39	RAB3B	RAB3B	226	-0.008	0.018	0.662	-0.01 (-0.04, 0.03)	0.880	0.353	-0.052	0.037	0.158	-0.05 (-0.13, 0.02)	0.003	0.167	-0.051	0.036	0.157	-0.05 (-0.12, 0.02)	-0.041	0.037	0.269	-0.04 (-0.11, 0.03)
10668_5	STX4	STX4	226	-0.008	0.018	0.664	-0.01 (-0.04, 0.03)	0.881	0.348	-0.028	0.037	0.457	-0.03 (-0.10, 0.05)	0.001	0.539	-0.005	0.038	0.901	-4.69e-03 (-0.08, 0.	-0.017	0.039	0.663	-0.02 (-0.09, 0.06)
13613_23	AK5	Adenylate k	226	0.009	0.021	0.664	0.01 (-0.03, 0.05)	0.881	0.040	-0.027	0.043	0.534	-0.03 (-0.11, 0.06)	0.002	0.335	0.012	0.041	0.774	0.01 (-0.07, 0.09)	0.007	0.041	0.868	0.01 (-0.07, 0.09)
15480_2	VNN2	VNN2	226	0.009	0.022	0.664	0.01 (-0.03, 0.05)	0.881	0.001	0.012	0.044	0.781	0.01 (-0.07, 0.10)	0.000	0.942	0.005	0.039	0.904	4.74e-03 (-0.07, 0.0	-0.005	0.039	0.889	-0.01 (-0.08, 0.07)
17725_37	USH1C	USH1C	226	0.008	0.019	0.664	0.01 (-0.03, 0.05)	0.881	0.279	0.006	0.040	0.889	0.01 (-0.07, 0.08)	0.000	0.936	0.056	0.037	0.126	0.06 (-0.02, 0.13)	0.051	0.038	0.183	0.05 (-0.02, 0.13)
18900_37	HRAS	H-ras (WT)	226	0.008	0.018	0.664	0.01 (-0.03, 0.04)	0.881	0.099	-0.016	0.038	0.677	-0.02 (-0.09, 0.06)	0.001	0.475	-0.034	0.034	0.310	-0.03 (-0.10, 0.03)	-0.019	0.039	0.628	-0.02 (-0.10, 0.06)
2871_73	RAD51	RAD51	226	0.008	0.019	0.664	0.01 (-0.03, 0.05)	0.881	0.206	-0.048	0.040	0.228	-0.05 (-0.13, 0.03)	0.004	0.104	-0.003	0.039	0.932	-3.34e-03 (-0.08, 0.	-0.015	0.041	0.721	-0.01 (-0.09, 0.07)
3879_50	CDC37	CDC37	226	0.008	0.019	0.664	0.01 (-0.03, 0.04)	0.881	0.473	0.019	0.037	0.605	0.02 (-0.05, 0.09)	-0.001	0.727	-0.018	0.030	0.546	-0.02 (-0.08, 0.04)	-0.038	0.038	0.317	-0.04 (-0.11, 0.04)
7202_107	SEMA6C	SEMA6C	226	0.009	0.021	0.663	0.01 (-0.03, 0.05)	0.881	0.042	0.025	0.041	0.543	0.03 (-0.06, 0.11)	-0.001	0.650	0.024	0.030	0.412	0.02 (-0.03, 0.08)	0.065	0.045	0.149	0.06 (-0.02, 0.15)
7903_18	VAMP3	VAMP3	226	0.008	0.019	0.663	0.01 (-0.03, 0.05)	0.881	0.569	-0.063	0.038	0.104	-0.06 (-0.14, 0.01)	0.004	0.034	-0.011	0.030	0.718	-0.01 (-0.07, 0.05)	-0.039	0.039	0.316	-0.04 (-0.12, 0.04)
7947_19	ENTHD2	AP4AT	226	-0.008	0.020	0.664	-0.01 (-0.05, 0.03)	0.881	0.106	-0.025	0.042	0.543	-0.03 (-0.11, 0.06)	0.001	0.640	-0.004	0.040	0.929	-3.60e-03 (-0.08, 0.	-0.019	0.040	0.641	-0.02 (-0.10, 0.06)
12724_81	CIRBP	CIRBP	226	0.008	0.018	0.665	0.01 (-0.03, 0.04)	0.882	0.663	-0.007	0.037	0.845	-0.01 (-0.08, 0.07)	0.001	0.637	-0.015	0.030	0.614	-0.02 (-0.07, 0.04)	-0.045	0.039	0.251	-0.04 (-0.12, 0.03)
8945_7	FAM175B	F175B	226	0.008	0.018	0.666	0.01 (-0.03, 0.04)	0.883	0.531	0.013	0.037	0.723	0.01 (-0.06, 0.09)	0.000	0.872	-0.049	0.033	0.143	-0.05 (-0.11, 0.02)	-0.053	0.040	0.193	-0.05 (-0.13, 0.03)
2890_59	CCL28	CCL28	226	-0.010	0.023	0.666	-0.01 (-0.06, 0.04)	0.883	6.47E-07	0.025	0.047	0.600	0.02 (-0.07, 0.12)	-0.002	0.395	-0.018	0.039	0.641	-0.02 (-0.09, 0.06)	-0.012	0.040	0.771	-0.01 (-0.09, 0.07)
7192_37	IFNLR1	CRF2-12	226	-0.008	0.019	0.667	-0.01 (-0.05, 0.03)	0.883	0.632	0.004	0.038	0.907	4.43e-03 (-0.07, 0.08)	-0.001	0.704	-0.017	0.039	0.655	-0.02 (-0.09, 0.06)	0.003	0.036	0.925	3.43e-03 (-0.07, 0.07)
12517_52	PDCD5	TFAR19	226	-0.008	0.019	0.670	-0.01 (-0.04, 0.03)	0.884	0.393	-0.031	0.038	0.418	-0.03 (-0.11, 0.04)	0.001	0.489	-0.039	0.033	0.241	-0.04 (-0.10, 0.03)	-0.056	0.036	0.126	-0.06 (-0.13, 0.02)
12536_46	MTMR6	MTMR6	226	0.008	0.020	0.668	0.01 (-0.03, 0.05)	0.884	0.333	0.032	0.040	0.422	0.03 (-0.05, 0.11)	-0.001	0.493	0.010	0.041	0.813	0.01 (-0.07, 0.09)	0.001	0.043	0.982	9.85e-04 (-0.08, 0.09)
13612_7	CYTIP	CYTIP	226	0.008	0.019	0.670	0.01 (-0.03, 0.05)	0.884	0.532	-0.010	0.039	0.807	-0.01 (-0.09, 0.07)	0.001	0.600	0.033	0.034	0.326	0.03 (-0.03, 0.10)	0.021	0.043	0.631	0.02 (-0.06, 0.10)
14208_3	RBP7	RET7	226	0.008	0.019	0.670	0.01 (-0.03, 0.05)	0.884	0.286	-0.037	0.040	0.353	-0.04 (-0.12, 0.04)	0.003	0.192	0.037	0.036	0.311	0.04 (-0.03, 0.11)	0.024	0.041	0.570	0.02 (-0.06, 0.10)
15403_53	ID2	ID2	226	0.008	0.018	0.668	0.01 (-0.03, 0.04)	0.884	0.799	-0.039	0.037	0.292	-0.04 (-0.11, 0.03)	0.003	0.145	-0.038	0.029	0.187	-0.04 (-0.09, 0.02)	-0.068	0.044	0.120	-0.07 (-0.15, 0.02)
16932_5	SULT1E1	SULT 1E	226	-0.009	0.021	0.669	-0.01 (-0.05, 0.03)	0.884	0.046	-0.020	0.043	0.648	-0.02 (-0.10, 0.06)	0.001	0.778	0.009	0.035	0.800	0.01 (-0.06, 0.08)	-0.013	0.043	0.765	-0.01 (-0.10, 0.07)
17685_9	APOA4	Apo A-IV	226	-0.009	0.022	0.669	-0.01 (-0.05, 0.03)	0.884	0.006	0.019	0.044	0.659	0.02 (-0.07, 0.11)	-0.002	0.452	0.010	0.040	0.794	0.01 (-0.07, 0.09)	0.023	0.039	0.560	0.02 (-0.05, 0.10)
17821_20	NMT2	NMT2	226	0.007	0.017	0.669	0.01 (-0.03, 0.04)	0.884	0.302	-0.023	0.036	0.531	-0.02 (-0.09, 0.05)	0.002	0.337	-0.020	0.030	0.509	-0.02 (-0.08, 0.04)	-0.039	0.040	0.329	-0.04 (-0.12, 0.04)
18236_3	HSPC159	LEGL	226	-0.008	0.019	0.670	-0.01 (-0.04, 0.03)	0.884	0.347	0.013	0.038	0.728	0.01 (-0.06, 0.09)	-0.001	0.522	-0.011	0.038	0.763	-0.01 (-0.09, 0.06)	0.006	0.038	0.872	0.01 (-0.07, 0.08)
19612_3	CD81	CD81	226	0.008	0.020	0.668	0.01 (-0.03, 0.05)	0.884	0.374	0.006	0.040	0.891	0.01 (-0.07, 0.08)	0.000	0.934	-0.014	0.038	0.711	-0.01 (-0.09, 0.06)	0.003	0.042	0.950	2.62e-03 (-0.08, 0.08)
4184_43	EIF4EBP2	4EBP2	226	-0.009	0.020	0.668	-0.01 (-0.05, 0.03)	0.884	0.016	0.005	0.041	0.906	4.84e-03 (-0.08, 0.08)	-0.001	0.704	-0.014	0.040	0.725	-0.01 (-0.09, 0.06)	-0.004	0.041	0.931	-3.55e-03 (-0.08, 0.08)
5714_88	IFNA6	IFNA6	226	0.008	0.019	0.669	0.01 (-0.03, 0.05)	0.884	0.058	-0.002	0.042	0.963	-1.93e-03 (-0.08, 0.08)	0.001	0.779	0.029	0.040	0.460	0.03 (-0.05, 0.11)	0.034	0.043	0.437	0.03 (-0.05, 0.12)
7969_163	WFDC11	WFD11	226	-0.008	0.019	0.669	-0.01 (-0.05, 0.03)	0.884	0.327	0.014	0.040	0.720	0.01 (-0.06, 0.09)	-0.001	0.514	-0.059	0.037	0.111	-0.06 (-0.13, 0.01)	-0.067	0.040	0.101	-0.07 (-0.15, 0.01)
9196_8	LGALS7	Galectin-7	226	0.008	0.019	0.668	0.01 (-0.03, 0.05)	0.884	0.075	0.009	0.041	0.826	0.01 (-0.07, 0.09)	0.000	0.981	0.025	0.040	0.534	0.02 (-0.05, 0.10)	0.029	0.042	0.489	0.03 (-0.05, 0.11)
9495_10	CXCL17	VCC1	226	-0.009	0.021	0.670	-0.01 (-0.05, 0.03)	0.884	0.041	-0.052	0.042	0.214	-0.05 (-0.13, 0.03)	0.003	0.235	0.025	0.034	0.458	0.03 (-0.04, 0.09)	0.001	0.038	0.978	1.03e-03 (-0.07, 0.07)
3143_3	CD4	sCD4	226	-0.009	0.020	0.670	-0.01 (-0.05, 0.03)	0.884	0.012	-0.008	0.041	0.841	-0.01 (-0.09, 0.07)	0.000	0.991	-0.044	0.035	0.204	-0.04 (-0.11, 0.02)	-0.022	0.038	0.572	-0.02 (-0.10, 0.05)
10939_16	PLEKHA4	PKHA4	226	0.008	0.020	0.671	0.01 (-0.03, 0.05)	0.885	0.133	0.045	0.041	0.273	0.05 (-0.04, 0.13)	-0.002	0.302	0.045	0.031	0.151	0.05 (-0.02, 0.11)	0.065	0.039	0.096	0.07 (-0.01, 0.14)
11356_19	DGCR14	DGC14	226	0.008	0.019	0.672	0.01 (-0.03, 0.04)	0.885	0.067	-0.013	0.040	0.748	-0.01 (-0.09, 0.07)	0.001	0.551	-0.029	0.029	0.320	-0.03 (-0.08, 0.03)	-0.081	0.042	0.052	-0.08 (-0.16, 4.30e-04)
14035_13	TIAM1	TIAM1	226	0.008	0.020	0.672	0.01 (-0.03, 0.05)	0.885	0.525	0.074	0.039	0.061	0.07 (-3.15e-03, 0.15)	-0.004	0.056	0.056	0.040	0.164	0.06 (-0.02, 0.13)	0.046	0.043	0.283	0.05 (-0.04, 0.13)
19365_11	BCAT2	BCAT2	226	-0.008	0.018	0.671	-0.01 (-0.04, 0.03)	0.885	0.159	-0.022	0.038	0.564	-0.02 (-0.10, 0.05)	0.001	0.665	-0.015	0.031	0.626	-0.01 (-0.08, 0.05)	-0.036	0.039	0.357	-0.04 (-0.11, 0.04)
5063_12	CD244	CD244	226	-0.008	0.020	0.671	-0.01 (-0.05, 0.03)	0.885	0.262	0.047	0.040	0.250	0.05 (-0.03, 0.13)	-0.003	0.119	-0.011	0.037	0.753	-0.01 (-0.08, 0.06)	0.011	0.040	0.783	0.01 (-0.07, 0.09)
8696_15	GAL3ST1	G3ST1	226	-0.009	0.021	0.672	-0.01 (-0.05, 0.03)	0.885	0.014	-0.088	0.042	0.038	-0.09 (-0.17, -0.01)	0.005	0.032	-0.012	0.040	0.753	-0.01 (-0.09, 0.07)	-0.039	0.039	0.324	-0.04 (-0.11, 0.04)
9897_9	MCM6	MCM6	226	-0.008	0.020	0.671	-0.01 (-0.05, 0.03)	0.885	0.407	-0.012	0.040	0.760	-0.01 (-0.09, 0.07)	0.000	0.911	0.015	0.039	0.705	0.01 (-0.06, 0.09)	-0.007	0.039	0.868	-0.01 (-0.08, 0.07)
16536_3	HMGA1	HMGA1	226	-0.008	0.019	0.672	-0.01 (-0.05, 0.03)	0.885	0.252	0.027	0.040	0.503	0.03 (-0.05, 0.11)	-0.002	0.315	0.030	0.039	0.448	0.03 (-0.05, 0.11)	0.009	0.041	0.831	0.01 (-0.07, 0.09)
3069_52	IGHM IGJ I	IgM	226	0.009	0.022	0.672	0.01 (-0.03, 0.05)	0.885	0.001	0.037	0.043	0.398	0.04 (-0.05, 0.12)	-0.002	0.464	0.046	0.036	0.207	0.05 (-0.03, 0.12)	0.037	0.045	0.419	0.04 (-0.05, 0.13)
12651_21	PDK2	PDK2	226	-0.009	0.021	0.672	-0.01 (-0.05, 0.03)	0.885	0.037	-0.036	0.042	0.392	-0.04 (-0.12, 0.05)	0.002	0.456	-0.024	0.040	0.552	-0.02 (-0.10, 0.05)	-0.044	0.038	0.253	-0.04 (-0.12, 0.03)
5264_65	CALR	calreticulin	226	-0.009	0.022	0.673	-0.01 (-0.05, 0.03)	0.886	0.002	-0.057	0.044	0.194	-0.06 (-0.14, 0.03)	0.003	0.209	-0.062	0.032	0.052	-0.06 (-0.12, 5.49e-	-0.062	0.039	0.115	-0.06 (-0.14, 0.01)
16021_30	CDH8	Cadherin-8	226	0.009	0.021	0.674	0.01 (-0.03, 0.05)	0.886	0.018	-0.031	0.043	0.474	-0.03 (-0.12, 0.05)	0.002	0.287	-0.013	0.038	0.737	-0.01 (-0.09, 0.06)	-0.022	0.043	0.612	-0.02 (-0.11, 0.06)
14587_16	GDF11	GDF-11	226	0.008	0.019	0.674	0.01 (-0.03, 0.05)	0.886	0.536	0.009	0.039	0.822	0.01 (-0.07, 0.09)	0.000	0.985	0.031	0.038	0.420	0.03 (-0.04, 0.11)	0.023	0.041	0.581	0.02 (-0.06, 0.10)
13525_17	KCNG4	KCNG4	226	0.009	0.021	0.675	0.01 (-0.03, 0.05)	0.887	0.024	-0.050	0.042	0.235	-0.05 (-0.13, 0.03)	0.004	0.108	-0.027	0.042	0.513	-0.03 (-0.11, 0.05)	-0.061	0.042	0.154	-0.06 (-0.14, 0.02)
15675_3	CEBPB	CEBPB	226	0.008	0.019	0.675	0.01 (-0.03, 0.05)	0.887	0.051	-0.033	0.042	0.426	-0.03 (-0.12, 0.05)	0.003	0.255	-0.009	0.041	0.832	-0.01 (-0.09, 0.07)	-0.013	0.042	0.756	-0.01 (-0.10, 0.07)
16908_5	OMG	OMGP	226	-0.008	0.019	0.675	-0.01 (-0.05, 0.03)	0.887	0.083	0.065	0.040	0.108	0.06 (-0.01, 0.14)	-0.005	0.038	-0.051	0.037	0.169	-0.05 (-0.12, 0.02)	-0.045	0.039	0.251	-0.05 (-0.12, 0.03)
13067_5	PRKG1	KGP1B	226	0.008	0.018	0.675	0.01 (-0.03, 0.04)	0.887	0.089	-0.007	0.039	0.858	-0.01 (-0.08, 0.07)	0.001	0.666	-0.037	0.031	0.223	-0.04 (-0.10, 0.02)	-0.043	0.039	0.274	-0.04 (-0.12, 0.03)
14008_22	DCP1A	DCP1A	226	-0.008	0.019	0.675	-0.01 (-0.04, 0.03)	0.887	0.502	0.061	0.038	0.110	0.06 (-0.01, 0.13)	-0.004	0.038	0.035	0.033	0.295	0.03 (-0.03, 0.10)	0.040	0.041	0.331	0.04 (-0.04, 0.12)
14028_22	PIK3C2A	P3C2A	226	-0.008	0.019	0.676	-0.01 (-0.04, 0.03)	0.887	0.053	-0.013	0.041	0.753	-0.01 (-0.09, 0.07)	0.000	0.888	0.042	0.034	0.215	0.04 (-0.02, 0.11)	0.052	0.043	0.232	0.05 (-0.03, 0.14)
2864_2	MAP2K1	MEK1	226	0.008	0.019	0.676	0.01 (-0.03, 0.05)	0.887	0.746	0.032	0.038	0.405	0.03 (-0.04, 0.11)	-0.001	0.471	0.003	0.039	0.938	3.02e-03 (-0.07, 0.0	0.028	0.039	0.471	0.03 (-0.05, 0.11)
10981_56	NRG3	NRG3	226	0.009	0.021	0.676	0.01 (-0.03, 0.05)	0.887	0.045	0.050	0.042	0.238	0.05 (-0.03, 0.13)	-0.003	0.263	0.012	0.039	0.762	0.01 (-0.06, 0.09)	0.036	0.041	0.378	0.04 (-0.04, 0.12)
11154_3	NFE2L1	NF2L1	226	0.008	0.019	0.677	0.01 (-0.03, 0.04)	0.887	0.754	-0.053	0.038	0.161	-0.05 (-0.13, 0.02)	0.004	0.064	-0.033	0.038	0.377	-0.03 (-0.11, 0.04)	-0.049	0.038	0.192	-0.05 (-0.12, 0.02)
14063_17	OSM	OSM	226	0.008	0.019	0.677	0.01 (-0.03, 0.05)	0.887	0.395	-0.032	0.039	0.412	-0.03 (-0.11, 0.04)	0.003	0.239	-0.023	0.035	0.505	-0.02 (-0.09, 0.04)	-0.021	0.039	0.582	-0.02 (-0.10, 0.05)
4499_21	PDGFA	PDGF-AA	226	0.008	0.018	0.676	0.01 (-0.03, 0.04)	0.887	0.062	0.009	0.039	0.823	0.01 (-0.07, 0.09)	0.000	0.971	-0.013	0.033	0.697	-0.01 (-0.08, 0.05)	-0.018	0.040	0.646	-0.02 (-0.10, 0.06)
9333_59	ERP27	ERP27	226	0.008	0.020	0.677	0.01 (-0.03, 0.05)	0.887	0.478	0.002	0.040	0.966	1.71e-03 (-0.08, 0.08)	0.000	0.851	0.020	0.038	0.593	0.02 (-0.05, 0.09)	-0.017	0.036	0.644	-0.02 (-0.09, 0.05)
12548_75	RRAGC	RRAGC	226	-0.008	0.019	0.678	-0.01 (-0.05, 0.03)	0.888	0.388	0.016	0.040	0.680	0.02 (-0.06, 0.09)	-0.002	0.478	-0.047	0.038	0.218	-0.05 (-0.12, 0.03)	-0.059	0.040	0.148	-0.06 (-0.14, 0.02)
19145_4	MREG	MREG	226	0.008	0.019	0.678	0.01 (-0.03, 0.05)	0.888	0.454	0.024	0.039	0.535	0.02 (-0.05, 0.10)	-0.001	0.632	0.041	0.038	0.274	0.04 (-0.03, 0.11)	0.033	0.039	0.395	0.03 (-0.04, 0.11)
4342_10	ICAM1	sICAM-1	226	-0.011	0.025	0.678	-0.01 (-0.06, 0.04)	0.888	1.12E-09	0.009	0.051	0.863	0.01 (-0.09, 0.11)	-0.001	0.663	0.007	0.040	0.866	0.01 (-0.07, 0.08)	0.007	0.041	0.864	0.01 (-0.07, 0.09)
9816_37	ISOC1	ISOC1	226	0.008	0.019	0.678	0.01 (-0.03, 0.04)	0.888	0.333	0.019	0.038	0.612	0.02 (-0.06, 0.09)	-0.001	0.724	0.001	0.039	0.970	1.46e-03 (-0.07, 0.0	0.004	0.040	0.911	4.49e-03 (-0.07, 0.08)
12812_25	ACYP2	ACYP2	226	0.008	0.018	0.679	0.01 (-0.03, 0.04)	0.888	0.440	0.011	0.037	0.759	0.01 (-0.06, 0.08)	0.000	0.905	-0.020	0.036	0.580	-0.02 (-0.09, 0.05)	-0.005	0.036	0.879	-0.01 (-0.08, 0.07)
15497_9	HS3ST1	HS3S1	226	0.008	0.019	0.679	0.01 (-0.03, 0.05)	0.888	0.081	0.048	0.041	0.247	0.05 (-0.03, 0.13)	-0.002	0.266	0.024	0.031	0.446	0.02 (-0.04, 0.09)	0.117	0.045	0.010	0.12 (0.03, 0.20)
10056_5	FOXM1	FOXM1	226	0.007	0.018	0.679	0.01 (-0.03, 0.04)	0.888	0.326	0.008	0.037	0.830	0.01 (-0.07, 0.08)	0.000	0.987	-0.034	0.032	0.285	-0.03 (-0.10, 0.03)	-0.031	0.038	0.411	-0.03 (-0.10, 0.04)
14099_20	PSMA4	PSA4	226	-0.009	0.022	0.679	-0.01 (-0.05, 0.03)	0.888	0.011	0.014	0.044	0.743	0.01 (-0.07, 0.10)	-0.001	0.540	-0.043	0.040	0.291	-0.04 (-0.12, 0.04)	-0.055	0.041	0.178	-0.06 (-0.14, 0.02)
15457_14	ANPEP	Aminopepti	226	-0.008	0.019	0.679	-0.01 (-0.05, 0.03)	0.888	0.325	0.018	0.040	0.643	0.02 (-0.06, 0.10)	-0.002	0.444	0.015	0.038	0.689	0.02 (-0.06, 0.09)	0.015	0.046	0.736	0.02 (-0.07, 0.10)
12524_18	SAT2	SAT2	226	-0.008	0.019	0.680	-0.01 (-0.05, 0.03)	0.888	0.591	-0.014	0.039	0.722	-0.01 (-0.09, 0.06)	0.000	0.862	-0.012	0.034	0.731	-0.01 (-0.08, 0.05)	-0.015	0.039	0.694	-0.02 (-0.09, 0.06)
2429_27	C8A	C8	226	0.008	0.019	0.680	0.01 (-0.03, 0.04)	0.888	0.162	-0.052	0.040	0.191	-0.05 (-0.13, 0.03)	0.004	0.084	-0.024	0.037	0.517	-0.02 (-0.10, 0.05)	-0.032	0.040	0.418	-0.03 (-0.11, 0.05)
6453_70	LILRB4	LIRB4	226	-0.009	0.023	0.680	-0.01 (-0.05, 0.04)	0.888	3.67E-05	-0.010	0.046	0.827	-0.01 (-0.10, 0.08)	0.000	0.987	-0.053	0.032	0.096	-0.05 (-0.12, 0.01)	-0.067	0.037	0.074	-0.07 (-0.14, 0.01)
3059_50	TNFSF13B	BAFF	226	-0.009	0.022	0.680	-0.01 (-0.05, 0.03)	0.889	0.002	0.017	0.043	0.704	0.02 (-0.07, 0.10)	-0.002	0.501	0.025	0.040	0.523	0.03 (-0.05, 0.10)	0.027	0.042	0.526	0.03 (-0.06, 0.11)
13719_19	PAK4	PAK4	226	0.007	0.018	0.681	0.01 (-0.03, 0.04)	0.889	0.843	-0.007	0.036	0.858	-0.01 (-0.08, 0.06)	0.001	0.659	-0.011	0.029	0.719	-0.01 (-0.07, 0.05)	-0.035	0.038	0.355	-0.04 (-0.11, 0.04)
13979_3	SLC26A7	S26A7	226	0.008	0.020	0.681	0.01 (-0.03, 0.05)	0.889	0.021	0.022	0.041	0.582	0.02 (-0.06, 0.10)	-0.001	0.690	-0.048	0.032	0.138	-0.05 (-0.11, 0.02)	-0.045	0.035	0.200	-0.04 (-0.11, 0.02)
17490_4	SH3BGRL3	SH3BGRL3	226	0.007	0.018	0.681	0.01 (-0.03, 0.04)	0.889	0.832	0.003	0.036	0.928	3.29e-03 (-0.07, 0.07)	0.000	0.896	-0.022	0.034	0.522	-0.02 (-0.09, 0.04)	-0.026	0.035	0.469	-0.03 (-0.10, 0.04)
10041_3	HNF4A	HNF4A	226	0.008	0.020	0.681	0.01 (-0.03, 0.05)	0.889	0.026	-0.007	0.040	0.865	-0.01 (-0.09, 0.07)	0.001	0.668	-0.025	0.032	0.427	-0.03 (-0.09, 0.04)	-0.031	0.039	0.422	-0.03 (-0.11, 0.04)
10721_76	HSPA1A	HSP 70	226	0.008	0.021	0.682	0.01 (-0.03, 0.05)	0.889	0.004	-0.010	0.042	0.808	-0.01 (-0.09, 0.07)	0.001	0.608	0.014	0.034	0.669	0.01 (-0.05, 0.08)	-0.012	0.037	0.752	-0.01 (-0.09, 0.06)
13377_3	CYB561D1	C56D1	226	-0.008	0.019	0.682	-0.01 (-0.04, 0.03)	0.889	0.066	0.014	0.041	0.740	0.01 (-0.07, 0.09)	-0.001	0.548	0.008	0.032	0.815	0.01 (-0.06, 0.07)	0.018	0.040	0.660	0.02 (-0.06, 0.10)
17362_5	VHL	VHL	226	0.008	0.020	0.682	0.01 (-0.03, 0.05)	0.889	0.952	0.017	0.039	0.671	0.02 (-0.06, 0.09)	-0.001	0.799	0.016	0.036	0.653	0.02 (-0.05, 0.09)	0.018	0.041	0.666	0.02 (-0.06, 0.10)
17699_43	TIMELESS	TIMELESS	226	0.008	0.019	0.682	0.01 (-0.03, 0.04)	0.889	0.093	0.108	0.040	0.007	0.11 (0.03, 0.19)	-0.006	0.004	0.077	0.033	0.018	0.08 (0.01, 0.14)	0.077	0.040	0.053	0.08 (-4.65e-04, 0.16)
2806_49	ACVR1B	Activin RIB	226	-0.008	0.019	0.682	-0.01 (-0.04, 0.03)	0.889	0.075	0.015	0.040	0.710	0.02 (-0.06, 0.09)	-0.001	0.518	0.013	0.036	0.729	0.01 (-0.06, 0.08)	-0.018	0.040	0.658	-0.02 (-0.10, 0.06)
5897_58	GRP	Gastrin-rele	226	-0.008	0.019	0.682	-0.01 (-0.05, 0.03)	0.889	0.144	0.001	0.041	0.983	8.82e-04 (-0.08, 0.08)	-0.001	0.805	0.003	0.039	0.949	2.51e-03 (-0.07, 0.0	0.003	0.041	0.949	2.59e-03 (-0.08, 0.08)
12449_16	PPIH	PPIH	226	0.007	0.018	0.683	0.01 (-0.03, 0.04)	0.890	0.631	0.021	0.036	0.564	0.02 (-0.05, 0.09)	-0.001	0.666	-0.014	0.035	0.687	-0.01 (-0.08, 0.05)	-0.018	0.041	0.660	-0.02 (-0.10, 0.06)
7110_2	DNAJB11	DJB11	226	-0.007	0.018	0.683	-0.01 (-0.04, 0.03)	0.890	0.230	-0.024	0.038	0.530	-0.02 (-0.10, 0.05)	0.001	0.618	-0.033	0.038	0.389	-0.03 (-0.11, 0.04)	-0.004	0.038	0.912	-4.26e-03 (-0.08, 0.07)
19240_265	PDAP1	HAP28	226	0.007	0.018	0.684	0.01 (-0.03, 0.04)	0.890	0.509	-0.005	0.037	0.885	-0.01 (-0.08, 0.07)	0.001	0.690	-0.024	0.030	0.413	-0.02 (-0.08, 0.03)	-0.028	0.038	0.463	-0.03 (-0.10, 0.05)
7717_95	CFTR	CFTR	226	0.009	0.023	0.684	0.01 (-0.04, 0.05)	0.890	1.92E-04	-0.007	0.046	0.871	-0.01 (-0.10, 0.08)	0.001	0.675	-0.040	0.043	0.349	-0.04 (-0.12, 0.04)	-0.045	0.047	0.337	-0.04 (-0.14, 0.05)
15581_16	FANK1	FANK1	226	0.008	0.019	0.685	0.01 (-0.03, 0.05)	0.892	0.281	0.022	0.040	0.588	0.02 (-0.06, 0.10)	-0.001	0.690	0.013	0.041	0.742	0.01 (-0.07, 0.09)	0.016	0.040	0.683	0.02 (-0.06, 0.09)
16551_14	STAT5B	STA5B	226	-0.008	0.021	0.686	-0.01 (-0.05, 0.03)	0.892	0.048	-0.010	0.042	0.816	-0.01 (-0.09, 0.07)	0.000	0.970	0.025	0.036	0.498	0.02 (-0.05, 0.10)	0.009	0.046	0.840	0.01 (-0.08, 0.10)
18226_148	COX5A	COX5A	226	-0.008	0.020	0.686	-0.01 (-0.05, 0.03)	0.892	0.039	-0.018	0.040	0.650	-0.02 (-0.10, 0.06)	0.001	0.771	-0.037	0.031	0.236	-0.04 (-0.10, 0.02)	-0.036	0.040	0.364	-0.04 (-0.11, 0.04)
10575_31	PUF60	PUF60	226	0.007	0.019	0.687	0.01 (-0.03, 0.04)	0.892	0.488	0.019	0.037	0.617	0.02 (-0.05, 0.09)	-0.001	0.729	0.009	0.037	0.817	0.01 (-0.06, 0.08)	0.002	0.039	0.959	2.01e-03 (-0.07, 0.08)
11287_14	CYB5A	Cytochrome	226	-0.008	0.019	0.686	-0.01 (-0.05, 0.03)	0.892	0.142	0.039	0.041	0.338	0.04 (-0.04, 0.12)	-0.003	0.186	0.006	0.031	0.853	0.01 (-0.06, 0.07)	0.045	0.040	0.264	0.04 (-0.03, 0.12)
17332_3	ADPRHL2	ARHL2	226	-0.007	0.018	0.687	-0.01 (-0.04, 0.03)	0.892	0.307	-0.022	0.038	0.557	-0.02 (-0.10, 0.05)	0.001	0.651	-0.074	0.031	0.016	-0.07 (-0.13, -0.01)	-0.077	0.038	0.045	-0.08 (-0.15, -2.00e-03)
17786_5	GGPS1	GGPPS	226	0.007	0.018	0.687	0.01 (-0.03, 0.04)	0.892	0.834	0.037	0.037	0.320	0.04 (-0.04, 0.11)	-0.002	0.360	-0.003	0.037	0.941	-2.68e-03 (-0.07, 0.	-0.010	0.042	0.806	-0.01 (-0.09, 0.07)
18187_16	ASPA	ACY2	226	0.008	0.019	0.687	0.01 (-0.03, 0.04)	0.892	0.309	-0.015	0.039	0.691	-0.02 (-0.09, 0.06)	0.001	0.495	-0.004	0.038	0.909	-4.37e-03 (-0.08, 0.	-0.014	0.039	0.714	-0.01 (-0.09, 0.06)
3168_8	ADAMTS5	ADAMTS-5	226	-0.007	0.018	0.686	-0.01 (-0.04, 0.03)	0.892	0.417	0.017	0.037	0.647	0.02 (-0.06, 0.09)	-0.002	0.450	-0.011	0.037	0.760	-0.01 (-0.08, 0.06)	-0.009	0.037	0.817	-0.01 (-0.08, 0.06)
3868_8	SGTA	SGTA	226	0.007	0.018	0.687	0.01 (-0.03, 0.04)	0.892	0.769	-0.004	0.037	0.913	-4.02e-03 (-0.08, 0.07)	0.001	0.722	-0.019	0.033	0.560	-0.02 (-0.08, 0.05)	-0.013	0.039	0.747	-0.01 (-0.09, 0.06)
8357_43	SULT4A1	ST4A1	226	0.008	0.019	0.687	0.01 (-0.03, 0.05)	0.892	0.275	0.007	0.040	0.860	0.01 (-0.07, 0.08)	0.000	0.983	0.028	0.039	0.479	0.03 (-0.05, 0.10)	0.027	0.042	0.518	0.03 (-0.06, 0.11)
4562_1	NXPH1	NXPH1	226	0.008	0.020	0.688	0.01 (-0.03, 0.05)	0.892	0.671	-0.075	0.039	0.059	-0.07 (-0.15, 2.51e-03)	0.005	0.017	-0.025	0.035	0.467	-0.03 (-0.09, 0.04)	-0.033	0.041	0.415	-0.03 (-0.11, 0.05)
12740_55	FEV	FEV	226	0.007	0.018	0.688	0.01 (-0.03, 0.04)	0.892	0.498	-0.027	0.036	0.459	-0.03 (-0.10, 0.04)	0.002	0.280	-0.028	0.029	0.325	-0.03 (-0.08, 0.03)	-0.066	0.039	0.093	-0.07 (-0.14, 0.01)
3616_3	GNS	GNS	226	0.009	0.023	0.688	0.01 (-0.04, 0.05)	0.892	2.33E-04	-0.015	0.045	0.735	-0.02 (-0.10, 0.07)	0.002	0.536	-0.025	0.037	0.506	-0.02 (-0.10, 0.05)	-0.012	0.040	0.762	-0.01 (-0.09, 0.07)
10049_112	TERF1	TERF1	226	0.008	0.019	0.689	0.01 (-0.03, 0.05)	0.893	0.375	-0.008	0.040	0.842	-0.01 (-0.09, 0.07)	0.001	0.649	-0.009	0.039	0.811	-0.01 (-0.09, 0.07)	-0.001	0.038	0.982	-8.65e-04 (-0.07, 0.07)
8402_22	CYTL1	CYTL1	226	0.008	0.019	0.689	0.01 (-0.03, 0.05)	0.893	0.398	0.032	0.040	0.418	0.03 (-0.05, 0.11)	-0.002	0.479	-0.012	0.038	0.758	-0.01 (-0.09, 0.06)	0.003	0.042	0.942	3.09e-03 (-0.08, 0.09)
12463_7	KLHL13	KLH13	226	-0.008	0.019	0.690	-0.01 (-0.05, 0.03)	0.893	0.108	-0.012	0.041	0.767	-0.01 (-0.09, 0.07)	0.000	0.899	0.053	0.034	0.122	0.05 (-0.01, 0.12)	0.029	0.042	0.491	0.03 (-0.05, 0.11)
14216_35	DDX46	DDX46	226	-0.008	0.019	0.690	-0.01 (-0.05, 0.03)	0.893	0.175	-0.039	0.040	0.327	-0.04 (-0.12, 0.04)	0.002	0.363	0.001	0.038	0.985	7.16e-04 (-0.07, 0.0	-0.021	0.040	0.610	-0.02 (-0.10, 0.06)
15300_66	CCDC134	CC134	226	0.007	0.018	0.690	0.01 (-0.03, 0.04)	0.893	0.302	-0.016	0.037	0.669	-0.02 (-0.09, 0.06)	0.001	0.474	-0.022	0.030	0.467	-0.02 (-0.08, 0.04)	-0.036	0.039	0.355	-0.04 (-0.11, 0.04)
19557_3	KLB	KLOTB	226	0.009	0.022	0.689	0.01 (-0.03, 0.05)	0.893	0.001	0.009	0.043	0.838	0.01 (-0.08, 0.09)	0.000	0.994	0.039	0.042	0.348	0.04 (-0.04, 0.12)	0.020	0.045	0.651	0.02 (-0.07, 0.11)
5066_134	CD300C	CLM6	226	0.009	0.021	0.690	0.01 (-0.03, 0.05)	0.893	0.011	0.011	0.043	0.808	0.01 (-0.07, 0.10)	0.000	0.958	0.009	0.043	0.826	0.01 (-0.07, 0.09)	0.038	0.042	0.361	0.04 (-0.04, 0.12)
9815_5	ARHGAP1	RHG01	226	-0.007	0.019	0.690	-0.01 (-0.04, 0.03)	0.893	0.983	-0.024	0.038	0.527	-0.02 (-0.10, 0.05)	0.001	0.617	-0.024	0.035	0.482	-0.02 (-0.09, 0.04)	-0.013	0.039	0.745	-0.01 (-0.09, 0.06)
13977_28	BARD1	BARD1	226	0.008	0.019	0.691	0.01 (-0.03, 0.05)	0.893	0.724	0.010	0.039	0.803	0.01 (-0.07, 0.09)	0.000	0.952	0.068	0.032	0.031	0.07 (0.01, 0.13)	0.069	0.038	0.069	0.07 (-4.98e-03, 0.14)
3070_1	IL2	IL-2	226	0.007	0.018	0.691	0.01 (-0.03, 0.04)	0.893	0.632	0.037	0.037	0.320	0.04 (-0.04, 0.11)	-0.002	0.359	0.036	0.031	0.245	0.04 (-0.02, 0.10)	0.056	0.041	0.168	0.06 (-0.02, 0.14)
10703_203	SUDS3	SDS3	226	-0.008	0.019	0.691	-0.01 (-0.05, 0.03)	0.893	0.825	-0.030	0.039	0.437	-0.03 (-0.11, 0.05)	0.001	0.504	-0.023	0.037	0.543	-0.02 (-0.10, 0.05)	-0.017	0.038	0.651	-0.02 (-0.09, 0.06)
17333_20	ACADM	ACADM	226	-0.007	0.018	0.691	-0.01 (-0.04, 0.03)	0.893	0.374	-0.024	0.037	0.514	-0.02 (-0.10, 0.05)	0.001	0.598	-0.029	0.032	0.355	-0.03 (-0.09, 0.03)	-0.032	0.042	0.443	-0.03 (-0.11, 0.05)
18876_77	CHST4	CHST4	226	-0.008	0.021	0.691	-0.01 (-0.05, 0.03)	0.893	0.046	-0.004	0.042	0.929	-3.76e-03 (-0.09, 0.08)	0.000	0.901	-0.002	0.042	0.961	-2.03e-03 (-0.08, 0.	0.005	0.043	0.915	4.55e-03 (-0.08, 0.09)
18332_17	CPLX1	CPLX1	226	0.008	0.019	0.691	0.01 (-0.03, 0.05)	0.893	0.454	0.050	0.039	0.201	0.05 (-0.03, 0.13)	-0.003	0.212	0.021	0.039	0.590	0.02 (-0.06, 0.10)	0.033	0.041	0.428	0.03 (-0.05, 0.11)
12507_16	ITPKC	IP3KC	226	0.008	0.019	0.693	0.01 (-0.03, 0.05)	0.893	0.350	0.079	0.039	0.046	0.08 (1.84e-03, 0.16)	-0.004	0.038	0.032	0.034	0.337	0.03 (-0.03, 0.10)	0.062	0.045	0.167	0.06 (-0.03, 0.15)
12771_19	ZNF180	ZN180	226	-0.008	0.019	0.692	-0.01 (-0.05, 0.03)	0.893	0.727	0.022	0.039	0.571	0.02 (-0.05, 0.10)	-0.002	0.380	-0.022	0.038	0.567	-0.02 (-0.10, 0.05)	-0.023	0.042	0.585	-0.02 (-0.11, 0.06)
17383_4	STARD5	STAR5	226	-0.007	0.019	0.692	-0.01 (-0.04, 0.03)	0.893	0.468	0.029	0.037	0.440	0.03 (-0.04, 0.10)	-0.002	0.265	-0.002	0.041	0.964	-1.83e-03 (-0.08, 0.	-0.008	0.043	0.845	-0.01 (-0.09, 0.08)
6420_4	SDHAF2	SDHF2	226	0.007	0.018	0.693	0.01 (-0.03, 0.04)	0.893	0.854	0.024	0.037	0.512	0.02 (-0.05, 0.10)	-0.001	0.596	0.010	0.038	0.784	0.01 (-0.06, 0.08)	0.013	0.038	0.736	0.01 (-0.06, 0.09)
6527_1	TRIL	TRIL	226	-0.007	0.018	0.692	-0.01 (-0.04, 0.03)	0.893	0.479	-0.036	0.037	0.326	-0.04 (-0.11, 0.04)	0.002	0.365	-0.023	0.037	0.547	-0.02 (-0.10, 0.05)	-0.026	0.037	0.478	-0.03 (-0.10, 0.05)
6921_24	B4GALT3	B4GT3	226	-0.008	0.019	0.693	-0.01 (-0.05, 0.03)	0.893	0.709	0.032	0.039	0.417	0.03 (-0.04, 0.11)	-0.002	0.246	-0.021	0.039	0.598	-0.02 (-0.10, 0.06)	-0.004	0.042	0.928	-3.77e-03 (-0.09, 0.08)
8399_6	STK17B	DRAK2	226	0.007	0.019	0.693	0.01 (-0.03, 0.04)	0.893	0.654	0.012	0.038	0.755	0.01 (-0.06, 0.09)	0.000	0.893	0.003	0.040	0.932	3.38e-03 (-0.07, 0.0	-0.001	0.040	0.975	-1.24e-03 (-0.08, 0.08)
9383_24	CHI3L2	CH3L2	226	0.008	0.019	0.693	0.01 (-0.03, 0.05)	0.893	0.336	-0.017	0.039	0.657	-0.02 (-0.09, 0.06)	0.002	0.464	0.042	0.035	0.229	0.04 (-0.03, 0.11)	0.016	0.040	0.695	0.02 (-0.06, 0.09)
11955_1	ARHGAP1	RHG01	226	0.007	0.019	0.694	0.01 (-0.03, 0.04)	0.894	0.891	0.006	0.038	0.885	0.01 (-0.07, 0.08)	0.000	0.953	0.041	0.036	0.258	0.04 (-0.03, 0.11)	0.039	0.038	0.298	0.04 (-0.03, 0.11)
13427_66	MAN1C1	MA1C1	226	-0.008	0.021	0.694	-0.01 (-0.05, 0.03)	0.894	0.036	0.105	0.042	0.012	0.10 (0.02, 0.19)	-0.007	0.002	0.050	0.034	0.144	0.05 (-0.02, 0.12)	0.069	0.044	0.116	0.07 (-0.02, 0.15)
11186_12	TMEM52	TMM52	226	0.008	0.020	0.695	0.01 (-0.03, 0.05)	0.894	0.319	0.067	0.040	0.098	0.07 (-0.01, 0.14)	-0.004	0.091	0.036	0.039	0.345	0.04 (-0.04, 0.11)	0.030	0.042	0.468	0.03 (-0.05, 0.11)
12787_47	ZNF134	ZN134	226	-0.008	0.020	0.694	-0.01 (-0.05, 0.03)	0.894	0.419	0.030	0.040	0.455	0.03 (-0.05, 0.11)	-0.002	0.279	-0.018	0.040	0.648	-0.02 (-0.10, 0.06)	-0.010	0.043	0.824	-0.01 (-0.09, 0.08)
14116_129	S100A4	S100A4	226	0.007	0.018	0.694	0.01 (-0.03, 0.04)	0.894	0.195	0.044	0.039	0.255	0.04 (-0.03, 0.12)	-0.002	0.274	-0.007	0.039	0.854	-0.01 (-0.08, 0.07)	-0.020	0.040	0.615	-0.02 (-0.10, 0.06)
4976_57	CRK	CRK	226	0.007	0.018	0.695	0.01 (-0.03, 0.04)	0.894	0.624	0.002	0.037	0.966	1.56e-03 (-0.07, 0.07)	0.000	0.861	-0.036	0.035	0.303	-0.04 (-0.10, 0.03)	-0.026	0.035	0.456	-0.03 (-0.10, 0.04)
2605_49	TNFRSF8	CD30	226	0.008	0.019	0.696	0.01 (-0.03, 0.05)	0.895	0.106	-0.032	0.041	0.436	-0.03 (-0.11, 0.05)	0.002	0.268	-0.018	0.039	0.642	-0.02 (-0.09, 0.06)	-0.002	0.043	0.963	-1.99e-03 (-0.09, 0.08)
3836_51	UFM1	UFM1	226	0.007	0.018	0.696	0.01 (-0.03, 0.04)	0.895	0.838	-0.002	0.036	0.965	-1.58e-03 (-0.07, 0.07)	0.001	0.785	-0.023	0.031	0.458	-0.02 (-0.08, 0.04)	-0.019	0.035	0.585	-0.02 (-0.09, 0.05)
4240_31	PKM2	M2-PK	226	0.007	0.018	0.695	0.01 (-0.03, 0.04)	0.895	0.573	-0.017	0.036	0.646	-0.02 (-0.09, 0.05)	0.001	0.452	-0.006	0.030	0.851	-0.01 (-0.06, 0.05)	-0.059	0.042	0.164	-0.06 (-0.14, 0.02)
10040_63	TP63	P73L	226	-0.008	0.019	0.697	-0.01 (-0.05, 0.03)	0.895	0.589	-0.041	0.039	0.293	-0.04 (-0.12, 0.04)	0.002	0.323	-0.029	0.031	0.360	-0.03 (-0.09, 0.03)	-0.060	0.041	0.142	-0.06 (-0.14, 0.02)
11089_7	IGHA1	IgA	226	0.009	0.023	0.698	0.01 (-0.04, 0.05)	0.895	1.67E-04	-0.018	0.046	0.695	-0.02 (-0.11, 0.07)	0.002	0.501	-0.012	0.041	0.773	-0.01 (-0.09, 0.07)	-0.009	0.041	0.823	-0.01 (-0.09, 0.07)
11360_39	RRM1	RRM1	226	-0.008	0.019	0.698	-0.01 (-0.05, 0.03)	0.895	0.131	-0.004	0.041	0.932	-3.54e-03 (-0.08, 0.08)	0.000	0.911	-0.045	0.038	0.238	-0.04 (-0.12, 0.03)	-0.039	0.040	0.330	-0.04 (-0.12, 0.04)
11617_1	ITGAL	LFA-1 alpha	226	0.007	0.019	0.698	0.01 (-0.03, 0.04)	0.895	0.259	0.014	0.040	0.732	0.01 (-0.06, 0.09)	0.000	0.857	-0.011	0.038	0.767	-0.01 (-0.09, 0.06)	0.001	0.038	0.976	1.14e-03 (-0.07, 0.08)
12815_9	IARS	SYIC	226	-0.007	0.019	0.697	-0.01 (-0.04, 0.03)	0.895	0.151	-0.034	0.040	0.401	-0.03 (-0.11, 0.05)	0.002	0.450	-0.035	0.038	0.354	-0.04 (-0.11, 0.04)	-0.021	0.041	0.613	-0.02 (-0.10, 0.06)
12957_62	UQCRB	UCR6	226	0.008	0.019	0.696	0.01 (-0.03, 0.05)	0.895	0.268	-0.022	0.040	0.586	-0.02 (-0.10, 0.06)	0.002	0.399	0.033	0.034	0.328	0.03 (-0.03, 0.10)	0.012	0.044	0.778	0.01 (-0.07, 0.10)
13129_40	LDLR	LDLR	226	0.008	0.019	0.698	0.01 (-0.03, 0.05)	0.895	0.756	-0.007	0.039	0.859	-0.01 (-0.08, 0.07)	0.001	0.670	0.016	0.041	0.701	0.02 (-0.06, 0.10)	0.006	0.042	0.888	0.01 (-0.08, 0.09)
18884_22	DNAJB4	DNJB4	226	0.007	0.019	0.696	0.01 (-0.03, 0.04)	0.895	0.271	0.000	0.039	0.991	-4.51e-04 (-0.08, 0.08)	0.000	0.818	-0.021	0.038	0.583	-0.02 (-0.09, 0.05)	-0.006	0.039	0.871	-0.01 (-0.08, 0.07)
18890_227	FGB	Fibrinogen	226	0.007	0.019	0.696	0.01 (-0.03, 0.04)	0.895	0.052	-0.041	0.041	0.315	-0.04 (-0.12, 0.04)	0.003	0.173	0.033	0.040	0.409	0.03 (-0.05, 0.11)	0.027	0.043	0.531	0.03 (-0.06, 0.11)
2611_72	TYRO3	Dtk	226	-0.007	0.018	0.699	-0.01 (-0.04, 0.03)	0.895	0.876	0.006	0.037	0.869	0.01 (-0.07, 0.08)	-0.001	0.681	0.022	0.037	0.555	0.02 (-0.05, 0.10)	0.023	0.040	0.563	0.02 (-0.05, 0.10)
6969_14	WFDC5	WFDC5	226	0.007	0.019	0.698	0.01 (-0.03, 0.04)	0.895	0.371	-0.018	0.039	0.636	-0.02 (-0.09, 0.06)	0.002	0.445	0.003	0.039	0.934	3.26e-03 (-0.07, 0.0	0.000	0.041	1.000	-1.34e-05 (-0.08, 0.08)
8011_96	PAPL	PAPL	226	-0.008	0.020	0.697	-0.01 (-0.05, 0.03)	0.895	0.216	0.021	0.041	0.615	0.02 (-0.06, 0.10)	-0.002	0.428	0.050	0.034	0.142	0.05 (-0.02, 0.12)	0.055	0.039	0.164	0.06 (-0.02, 0.13)
8297_8	DNAJC10	DJC10	226	0.007	0.018	0.699	0.01 (-0.03, 0.04)	0.895	0.597	0.009	0.036	0.802	0.01 (-0.06, 0.08)	0.000	0.946	-0.012	0.030	0.683	-0.01 (-0.07, 0.05)	-0.022	0.040	0.575	-0.02 (-0.10, 0.06)
8660_5	OLFML3	OLFL3	226	0.009	0.022	0.698	0.01 (-0.04, 0.05)	0.895	3.87E-04	0.001	0.045	0.979	1.19e-03 (-0.09, 0.09)	0.000	0.848	0.033	0.039	0.396	0.03 (-0.04, 0.11)	0.024	0.044	0.576	0.02 (-0.06, 0.11)
9223_11	MANF	ARMET	226	0.007	0.018	0.699	0.01 (-0.03, 0.04)	0.895	0.422	-0.024	0.036	0.499	-0.02 (-0.09, 0.05)	0.002	0.319	-0.032	0.029	0.259	-0.03 (-0.09, 0.02)	-0.051	0.039	0.194	-0.05 (-0.13, 0.03)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
9932_49	SEMA4F	SEM4F	226	0.008	0.020	0.697	0.01 (-0.03, 0.05)	0.895	0.059	-0.006	0.042	0.882	-0.01 (-0.09, 0.08)	0.001	0.705	0.005	0.040	0.896	0.01 (-0.07, 0.08)	0.030	0.039	0.439	0.03 (-0.05, 0.11)
6625_31	ATAD1	ATAD1	226	0.007	0.019	0.699	0.01 (-0.03, 0.04)	0.895	0.971	0.008	0.037	0.838	0.01 (-0.07, 0.08)	0.000	0.989	-0.014	0.032	0.665	-0.01 (-0.08, 0.05)	-0.006	0.038	0.872	-0.01 (-0.08, 0.07)
15374_15	GKN1	CA11 prote	226	-0.007	0.019	0.699	-0.01 (-0.05, 0.03)	0.895	0.638	-0.038	0.039	0.327	-0.04 (-0.11, 0.04)	0.002	0.364	0.001	0.039	0.989	5.18e-04 (-0.08, 0.0	-0.018	0.040	0.646	-0.02 (-0.10, 0.06)
4220_39	FER	FER	226	0.007	0.018	0.700	0.01 (-0.03, 0.04)	0.895	0.853	-0.024	0.037	0.520	-0.02 (-0.10, 0.05)	0.002	0.336	-0.026	0.030	0.387	-0.03 (-0.08, 0.03)	-0.022	0.040	0.588	-0.02 (-0.10, 0.06)
2640_3	MST1R	MSP R	226	0.008	0.021	0.700	0.01 (-0.03, 0.05)	0.896	0.025	-0.038	0.043	0.371	-0.04 (-0.12, 0.05)	0.003	0.211	0.000	0.042	0.998	8.95e-05 (-0.08, 0.0	-0.011	0.042	0.791	-0.01 (-0.09, 0.07)
9887_40	RBBP6	RBBP6	226	-0.007	0.019	0.700	-0.01 (-0.04, 0.03)	0.896	0.169	-0.006	0.039	0.881	-0.01 (-0.08, 0.07)	0.000	0.969	-0.002	0.039	0.950	-2.43e-03 (-0.08, 0.	-0.001	0.039	0.986	-6.92e-04 (-0.08, 0.08)
19570_12	FGF8	FGF-8	226	-0.007	0.019	0.700	-0.01 (-0.04, 0.03)	0.896	0.185	-0.010	0.039	0.796	-0.01 (-0.09, 0.07)	0.000	0.930	-0.028	0.031	0.374	-0.03 (-0.09, 0.03)	-0.023	0.040	0.572	-0.02 (-0.10, 0.06)
12444_39	NR5A2	NR5A2	226	-0.007	0.019	0.701	-0.01 (-0.05, 0.03)	0.896	0.321	0.015	0.040	0.700	0.02 (-0.06, 0.09)	-0.001	0.511	0.018	0.039	0.642	0.02 (-0.06, 0.09)	0.009	0.038	0.819	0.01 (-0.07, 0.08)
13111_79	BCL6	BCL6	226	-0.007	0.019	0.701	-0.01 (-0.05, 0.03)	0.896	0.488	-0.085	0.039	0.030	-0.08 (-0.16, -0.01)	0.005	0.022	-0.021	0.039	0.584	-0.02 (-0.10, 0.05)	-0.026	0.042	0.533	-0.03 (-0.11, 0.06)
2599_51	TNFSF9	4-1BB ligan	226	-0.007	0.019	0.701	-0.01 (-0.04, 0.03)	0.896	0.327	0.001	0.039	0.978	1.11e-03 (-0.08, 0.08)	-0.001	0.805	-0.003	0.040	0.939	-3.05e-03 (-0.08, 0.	-0.016	0.039	0.683	-0.02 (-0.09, 0.06)
7076_17	ECEL1	ECEL1	226	-0.007	0.019	0.701	-0.01 (-0.04, 0.03)	0.896	0.362	-0.034	0.039	0.390	-0.03 (-0.11, 0.04)	0.002	0.439	-0.004	0.037	0.923	-3.62e-03 (-0.08, 0.	-0.034	0.036	0.356	-0.03 (-0.10, 0.04)
18402_1	AMMECR1	AMERL	226	0.007	0.018	0.702	0.01 (-0.03, 0.04)	0.896	0.120	0.027	0.039	0.482	0.03 (-0.05, 0.10)	-0.001	0.547	-0.010	0.039	0.793	-0.01 (-0.09, 0.07)	-0.009	0.041	0.835	-0.01 (-0.09, 0.07)
7741_111	RTF1	RTF1	226	-0.007	0.019	0.702	-0.01 (-0.05, 0.03)	0.896	0.819	-0.007	0.039	0.867	-0.01 (-0.08, 0.07)	0.000	0.979	0.025	0.034	0.467	0.03 (-0.04, 0.09)	0.004	0.041	0.929	3.66e-03 (-0.08, 0.08)
17808_37	NIT2	NIT2	226	0.007	0.018	0.702	0.01 (-0.03, 0.04)	0.896	0.077	-0.017	0.039	0.673	-0.02 (-0.09, 0.06)	0.001	0.490	-0.022	0.034	0.524	-0.02 (-0.09, 0.05)	-0.014	0.040	0.735	-0.01 (-0.09, 0.06)
17449_23	CD9	CD9	226	0.007	0.020	0.703	0.01 (-0.03, 0.05)	0.897	0.239	-0.020	0.041	0.630	-0.02 (-0.10, 0.06)	0.002	0.444	0.029	0.033	0.371	0.03 (-0.03, 0.09)	0.022	0.046	0.626	0.02 (-0.07, 0.11)
18449_33	PPIG	PPIG	226	0.007	0.019	0.704	0.01 (-0.03, 0.05)	0.897	0.342	-0.027	0.040	0.499	-0.03 (-0.10, 0.05)	0.002	0.321	0.033	0.038	0.394	0.03 (-0.04, 0.11)	0.015	0.043	0.723	0.02 (-0.07, 0.10)
6991_24	FUT9	FUT9	226	0.007	0.020	0.703	0.01 (-0.03, 0.05)	0.897	0.401	-0.020	0.040	0.624	-0.02 (-0.10, 0.06)	0.002	0.436	-0.025	0.039	0.524	-0.02 (-0.10, 0.05)	-0.024	0.044	0.577	-0.02 (-0.11, 0.06)
8221_19	MIF	MIF	226	0.007	0.019	0.703	0.01 (-0.03, 0.04)	0.897	0.377	-0.019	0.039	0.625	-0.02 (-0.09, 0.06)	0.002	0.437	-0.007	0.035	0.847	-0.01 (-0.07, 0.06)	-0.010	0.041	0.811	-0.01 (-0.09, 0.07)
19136_22	ALDH6A1	MMSA	226	-0.008	0.020	0.704	-0.01 (-0.05, 0.03)	0.897	0.035	0.006	0.040	0.873	0.01 (-0.07, 0.08)	-0.001	0.689	-0.028	0.037	0.460	-0.03 (-0.10, 0.05)	-0.012	0.039	0.753	-0.01 (-0.09, 0.06)
13936_24	PGK2	PGK2	226	-0.007	0.019	0.704	-0.01 (-0.04, 0.03)	0.898	0.356	-0.020	0.039	0.615	-0.02 (-0.10, 0.06)	0.001	0.714	-0.005	0.039	0.904	-4.70e-03 (-0.08, 0.	0.002	0.041	0.963	1.90e-03 (-0.08, 0.08)
15365_41	BAI3	BAI3	226	-0.007	0.019	0.704	-0.01 (-0.05, 0.03)	0.898	0.526	0.084	0.039	0.035	0.08 (0.01, 0.16)	-0.006	0.008	0.035	0.034	0.313	0.03 (-0.03, 0.10)	0.046	0.041	0.267	0.05 (-0.03, 0.13)
5335_73	ANXA6	annexin VI	226	-0.007	0.018	0.704	-0.01 (-0.04, 0.03)	0.898	0.102	-0.035	0.039	0.378	-0.03 (-0.11, 0.04)	0.002	0.417	-0.036	0.036	0.326	-0.04 (-0.11, 0.04)	-0.031	0.042	0.457	-0.03 (-0.11, 0.05)
10008_43	GUCA1A	GUC1A	226	-0.008	0.020	0.705	-0.01 (-0.05, 0.03)	0.898	0.035	-0.021	0.041	0.605	-0.02 (-0.10, 0.06)	0.001	0.704	0.051	0.032	0.108	0.05 (-0.01, 0.11)	0.062	0.048	0.198	0.06 (-0.03, 0.16)
11490_42	UBL4A	UBL4A	226	0.007	0.018	0.708	0.01 (-0.03, 0.04)	0.898	0.935	0.006	0.036	0.870	0.01 (-0.07, 0.08)	0.000	0.980	-0.014	0.033	0.671	-0.01 (-0.08, 0.05)	-0.007	0.038	0.855	-0.01 (-0.08, 0.07)
11546_7	CYGB	CYGB	226	-0.008	0.021	0.707	-0.01 (-0.05, 0.03)	0.898	0.017	-0.025	0.043	0.563	-0.02 (-0.11, 0.06)	0.001	0.652	-0.002	0.040	0.954	-2.31e-03 (-0.08, 0.	-0.012	0.046	0.797	-0.01 (-0.10, 0.08)
11615_16	DAPP1	DAPP1	226	0.007	0.019	0.706	0.01 (-0.03, 0.04)	0.898	0.772	0.014	0.038	0.710	0.01 (-0.06, 0.09)	0.000	0.831	-0.003	0.037	0.937	-2.92e-03 (-0.08, 0.	0.009	0.040	0.831	0.01 (-0.07, 0.09)
12490_92	LAMTOR3	LTOR3	226	-0.007	0.019	0.708	-0.01 (-0.05, 0.03)	0.898	0.779	0.016	0.039	0.686	0.02 (-0.06, 0.09)	-0.001	0.497	-0.020	0.039	0.607	-0.02 (-0.10, 0.06)	-0.002	0.040	0.969	-1.59e-03 (-0.08, 0.08)
13130_150	HK2	HXK2	226	0.007	0.019	0.707	0.01 (-0.03, 0.04)	0.898	0.689	-0.010	0.038	0.788	-0.01 (-0.09, 0.06)	0.001	0.601	0.000	0.038	0.999	-2.93e-05 (-0.08, 0.	-0.005	0.041	0.900	-0.01 (-0.09, 0.07)
17739_1	HADH	HCDH	226	-0.007	0.018	0.706	-0.01 (-0.04, 0.03)	0.898	0.102	-0.015	0.038	0.704	-0.01 (-0.09, 0.06)	0.000	0.815	-0.052	0.031	0.097	-0.05 (-0.11, 0.01)	-0.046	0.039	0.244	-0.05 (-0.12, 0.03)
18301_10	NAIF1	NAIF1	226	0.007	0.018	0.707	0.01 (-0.03, 0.04)	0.898	0.613	-0.018	0.036	0.618	-0.02 (-0.09, 0.05)	0.002	0.430	-0.001	0.031	0.980	-7.82e-04 (-0.06, 0.	-0.021	0.041	0.620	-0.02 (-0.10, 0.06)
19277_4	TSTD1	KAT	226	0.007	0.018	0.706	0.01 (-0.03, 0.04)	0.898	0.362	0.011	0.036	0.761	0.01 (-0.06, 0.08)	0.000	0.889	-0.009	0.036	0.812	-0.01 (-0.08, 0.06)	0.004	0.038	0.925	3.61e-03 (-0.07, 0.08)
3452_17	LCK	LCK	226	0.007	0.019	0.706	0.01 (-0.03, 0.04)	0.898	0.343	-0.018	0.039	0.653	-0.02 (-0.09, 0.06)	0.002	0.466	-0.007	0.034	0.833	-0.01 (-0.07, 0.06)	-0.030	0.039	0.449	-0.03 (-0.11, 0.05)
3592_4	CAMK1	CAMK1	226	-0.007	0.019	0.707	-0.01 (-0.04, 0.03)	0.898	0.792	-0.030	0.038	0.429	-0.03 (-0.11, 0.04)	0.001	0.485	-0.033	0.038	0.389	-0.03 (-0.11, 0.04)	-0.006	0.038	0.865	-0.01 (-0.08, 0.07)
4158_54	PLAU	uPA	226	-0.007	0.019	0.708	-0.01 (-0.04, 0.03)	0.898	0.200	0.055	0.039	0.162	0.05 (-0.02, 0.13)	-0.004	0.070	-0.010	0.039	0.803	-0.01 (-0.09, 0.07)	-0.012	0.041	0.770	-0.01 (-0.09, 0.07)
5031_10	SPTAN1	SPTA2	226	-0.007	0.019	0.708	-0.01 (-0.05, 0.03)	0.898	0.220	0.096	0.040	0.017	0.10 (0.02, 0.17)	-0.006	0.003	0.020	0.041	0.624	0.02 (-0.06, 0.10)	0.035	0.040	0.377	0.04 (-0.04, 0.11)
5650_9	PDIA6	PDIA6	226	0.007	0.018	0.707	0.01 (-0.03, 0.04)	0.898	0.568	-0.022	0.035	0.530	-0.02 (-0.09, 0.05)	0.002	0.349	-0.023	0.029	0.425	-0.02 (-0.08, 0.03)	-0.049	0.037	0.184	-0.05 (-0.12, 0.02)
6214_84	IFNA8	IFNA8	226	-0.008	0.021	0.707	-0.01 (-0.05, 0.03)	0.898	0.041	-0.001	0.043	0.983	-8.99e-04 (-0.08, 0.08)	0.000	0.849	0.013	0.041	0.753	0.01 (-0.07, 0.09)	0.014	0.046	0.758	0.01 (-0.08, 0.10)
7928_183	TPST1	TPST1	226	0.007	0.018	0.708	0.01 (-0.03, 0.04)	0.898	0.058	0.009	0.039	0.826	0.01 (-0.07, 0.09)	0.000	0.957	-0.006	0.039	0.886	-0.01 (-0.08, 0.07)	-0.011	0.039	0.771	-0.01 (-0.09, 0.07)
8465_52	CTSH	Cathepsin	226	-0.007	0.019	0.707	-0.01 (-0.04, 0.03)	0.898	0.155	-0.007	0.040	0.863	-0.01 (-0.09, 0.07)	0.000	0.996	0.030	0.039	0.439	0.03 (-0.05, 0.11)	0.027	0.043	0.523	0.03 (-0.06, 0.11)
9077_10	MAN1A2	MA1A2	226	-0.012	0.032	0.708	-0.01 (-0.07, 0.05)	0.898	4.89E-37	0.019	0.064	0.773	0.02 (-0.11, 0.14)	-0.002	0.585	-0.016	0.041	0.701	-0.02 (-0.10, 0.07)	-0.020	0.041	0.618	-0.02 (-0.10, 0.06)
9957_9	RNF114	RN114	226	0.007	0.019	0.706	0.01 (-0.03, 0.04)	0.898	0.093	0.018	0.040	0.654	0.02 (-0.06, 0.10)	-0.001	0.754	0.044	0.040	0.264	0.04 (-0.03, 0.12)	0.059	0.044	0.182	0.06 (-0.03, 0.14)
12581_39	IMPA2	IMPA2	226	0.007	0.020	0.710	0.01 (-0.03, 0.05)	0.898	0.520	0.012	0.039	0.758	0.01 (-0.06, 0.09)	0.000	0.887	0.014	0.041	0.732	0.01 (-0.07, 0.09)	0.023	0.042	0.590	0.02 (-0.06, 0.11)
14688_6	PTPN7	PTN7	226	-0.007	0.019	0.710	-0.01 (-0.04, 0.03)	0.898	0.312	-0.023	0.039	0.549	-0.02 (-0.10, 0.05)	0.001	0.629	0.005	0.038	0.902	4.64e-03 (-0.07, 0.0	-0.010	0.041	0.802	-0.01 (-0.09, 0.07)
5020_50	PGK1	phosphogly	226	-0.007	0.018	0.710	-0.01 (-0.04, 0.03)	0.898	0.242	0.015	0.037	0.689	0.01 (-0.06, 0.09)	-0.001	0.505	0.014	0.034	0.681	0.01 (-0.05, 0.08)	0.003	0.038	0.931	3.28e-03 (-0.07, 0.08)
5034_79	PRSS2	Trypsin 2	226	0.011	0.029	0.710	0.01 (-0.05, 0.07)	0.898	6.95E-24	0.133	0.057	0.022	0.13 (0.02, 0.25)	-0.008	0.015	0.060	0.032	0.063	0.06 (-3.22e-03, 0.1	0.064	0.039	0.097	0.06 (-0.01, 0.14)
6900_30	UBE2J1	UB2J1	226	-0.007	0.019	0.710	-0.01 (-0.05, 0.03)	0.898	0.141	-0.040	0.041	0.327	-0.04 (-0.12, 0.04)	0.002	0.354	-0.049	0.037	0.193	-0.05 (-0.12, 0.02)	-0.032	0.042	0.440	-0.03 (-0.11, 0.05)
7113_1	GRPEL1	GRPE1	226	0.007	0.018	0.710	0.01 (-0.03, 0.04)	0.898	0.311	-0.001	0.037	0.969	-1.44e-03 (-0.07, 0.07)	0.001	0.801	-0.034	0.035	0.323	-0.03 (-0.10, 0.03)	-0.027	0.040	0.498	-0.03 (-0.10, 0.05)
8100_15	ADM2	ADM2	226	0.007	0.019	0.710	0.01 (-0.03, 0.04)	0.898	0.137	0.040	0.040	0.315	0.04 (-0.04, 0.12)	-0.002	0.339	0.030	0.040	0.443	0.03 (-0.05, 0.11)	0.056	0.042	0.183	0.06 (-0.03, 0.14)
9290_8	RMDN3	RMD3	226	-0.007	0.019	0.709	-0.01 (-0.04, 0.03)	0.898	0.109	0.030	0.040	0.460	0.03 (-0.05, 0.11)	-0.002	0.293	0.016	0.040	0.687	0.02 (-0.06, 0.09)	0.035	0.044	0.420	0.04 (-0.05, 0.12)
9735_44	CD96	TACT	226	-0.007	0.019	0.709	-0.01 (-0.04, 0.03)	0.898	0.720	0.043	0.038	0.260	0.04 (-0.03, 0.12)	-0.003	0.131	0.032	0.033	0.340	0.03 (-0.03, 0.10)	0.025	0.040	0.532	0.03 (-0.05, 0.10)
14655_1	DNAJC17	DJC17	226	0.007	0.018	0.711	0.01 (-0.03, 0.04)	0.899	0.104	0.018	0.038	0.635	0.02 (-0.06, 0.09)	-0.001	0.729	-0.035	0.033	0.288	-0.03 (-0.10, 0.03)	-0.034	0.041	0.406	-0.03 (-0.11, 0.05)
12895_28	DGKB	DGKB	226	-0.007	0.018	0.711	-0.01 (-0.04, 0.03)	0.899	0.848	-0.015	0.037	0.693	-0.01 (-0.09, 0.06)	0.000	0.808	-0.006	0.032	0.847	-0.01 (-0.07, 0.06)	0.011	0.040	0.791	0.01 (-0.07, 0.09)
10562_42	NETO2	NETO2	226	0.007	0.019	0.712	0.01 (-0.03, 0.05)	0.900	0.423	0.034	0.040	0.387	0.03 (-0.04, 0.11)	-0.002	0.431	0.052	0.032	0.102	0.05 (-0.01, 0.12)	0.056	0.039	0.152	0.06 (-0.02, 0.13)
13230_174	IGHG2	IgG2, Kapp	226	-0.007	0.019	0.713	-0.01 (-0.04, 0.03)	0.900	0.322	0.043	0.039	0.278	0.04 (-0.03, 0.12)	-0.003	0.146	0.043	0.037	0.240	0.04 (-0.03, 0.12)	0.045	0.042	0.291	0.04 (-0.04, 0.13)
14309_8	HNRNPH1	HNRH1	226	0.007	0.019	0.712	0.01 (-0.03, 0.05)	0.900	0.863	0.032	0.039	0.420	0.03 (-0.04, 0.11)	-0.002	0.472	0.016	0.041	0.702	0.02 (-0.06, 0.10)	0.003	0.041	0.947	2.77e-03 (-0.08, 0.08)
16620_26	LY75	LY75	226	0.008	0.021	0.713	0.01 (-0.03, 0.05)	0.900	0.027	0.035	0.042	0.409	0.03 (-0.05, 0.12)	-0.002	0.459	0.002	0.034	0.962	1.60e-03 (-0.06, 0.0	-0.020	0.040	0.626	-0.02 (-0.10, 0.06)
3761_4	PTGS2	COX-2	226	0.008	0.021	0.712	0.01 (-0.03, 0.05)	0.900	0.001	0.008	0.043	0.846	0.01 (-0.08, 0.09)	0.000	0.990	-0.012	0.037	0.740	-0.01 (-0.08, 0.06)	0.001	0.039	0.977	1.13e-03 (-0.07, 0.08)
4963_19	ARPP19	ARP19	226	0.007	0.018	0.712	0.01 (-0.03, 0.04)	0.900	0.420	0.021	0.037	0.567	0.02 (-0.05, 0.09)	-0.001	0.652	-0.014	0.031	0.656	-0.01 (-0.08, 0.05)	-0.038	0.040	0.341	-0.04 (-0.12, 0.04)
12619_14	PPM1A	Protein pho	226	0.007	0.019	0.713	0.01 (-0.03, 0.04)	0.900	0.501	0.008	0.037	0.834	0.01 (-0.07, 0.08)	0.000	0.974	-0.014	0.036	0.689	-0.01 (-0.08, 0.06)	0.000	0.040	0.991	-4.30e-04 (-0.08, 0.08)
12411_60	MAX	MAX	226	-0.007	0.018	0.715	-0.01 (-0.04, 0.03)	0.900	0.324	-0.033	0.037	0.375	-0.03 (-0.11, 0.04)	0.002	0.414	-0.033	0.033	0.326	-0.03 (-0.10, 0.03)	-0.027	0.034	0.424	-0.03 (-0.09, 0.04)
12801_33	IRF2	IRF2	226	0.007	0.019	0.715	0.01 (-0.03, 0.04)	0.900	0.050	0.007	0.041	0.860	0.01 (-0.07, 0.09)	0.000	0.992	-0.015	0.034	0.656	-0.02 (-0.08, 0.05)	-0.012	0.039	0.762	-0.01 (-0.09, 0.06)
14237_1	HSPA1A	HSP 70	226	0.008	0.022	0.718	0.01 (-0.03, 0.05)	0.900	0.006	0.022	0.044	0.612	0.02 (-0.06, 0.11)	-0.001	0.705	0.046	0.038	0.227	0.05 (-0.03, 0.12)	0.036	0.042	0.386	0.04 (-0.05, 0.12)
14271_23	RAB6B	RAB6B	226	-0.007	0.018	0.714	-0.01 (-0.04, 0.03)	0.900	0.685	-0.010	0.037	0.796	-0.01 (-0.08, 0.06)	0.000	0.929	-0.018	0.037	0.631	-0.02 (-0.09, 0.05)	0.009	0.038	0.822	0.01 (-0.07, 0.08)
15674_3	CD79A	CD79A	226	0.007	0.018	0.717	0.01 (-0.03, 0.04)	0.900	0.377	-0.023	0.038	0.537	-0.02 (-0.10, 0.05)	0.002	0.360	-0.043	0.033	0.194	-0.04 (-0.11, 0.02)	-0.037	0.040	0.355	-0.04 (-0.12, 0.04)
16814_13	FHL1	SLIM 1	226	0.008	0.022	0.716	0.01 (-0.03, 0.05)	0.900	0.014	-0.033	0.043	0.447	-0.03 (-0.12, 0.05)	0.003	0.279	0.007	0.041	0.856	0.01 (-0.07, 0.09)	0.010	0.041	0.812	0.01 (-0.07, 0.09)
17436_193	CSNK1G2	CSNK1G2	226	0.007	0.018	0.715	0.01 (-0.03, 0.04)	0.900	0.563	0.002	0.036	0.953	2.16e-03 (-0.07, 0.07)	0.000	0.888	-0.041	0.034	0.224	-0.04 (-0.11, 0.02)	-0.023	0.040	0.574	-0.02 (-0.10, 0.06)
17735_130	GABARAP	GBRAP	226	0.006	0.018	0.718	0.01 (-0.03, 0.04)	0.900	0.282	-0.049	0.037	0.187	-0.05 (-0.12, 0.02)	0.003	0.086	-0.011	0.036	0.752	-0.01 (-0.08, 0.06)	0.003	0.039	0.943	2.82e-03 (-0.07, 0.08)
18182_24	PCK1	PCKGC	226	0.007	0.019	0.714	0.01 (-0.03, 0.05)	0.900	0.146	-0.050	0.041	0.225	-0.05 (-0.13, 0.03)	0.004	0.111	-0.004	0.040	0.920	-3.98e-03 (-0.08, 0.	0.002	0.042	0.969	1.64e-03 (-0.08, 0.08)
18898_36	HDGFL1	HDGL1	226	0.007	0.020	0.714	0.01 (-0.03, 0.05)	0.900	0.522	0.063	0.039	0.109	0.06 (-0.01, 0.14)	-0.004	0.101	0.042	0.036	0.250	0.04 (-0.03, 0.11)	0.063	0.046	0.178	0.06 (-0.03, 0.15)
19177_7	MOBKL1A	MOL1A	226	0.006	0.017	0.713	0.01 (-0.03, 0.04)	0.900	0.479	-0.005	0.035	0.880	-0.01 (-0.07, 0.06)	0.001	0.701	-0.044	0.030	0.146	-0.04 (-0.10, 0.02)	-0.026	0.038	0.490	-0.03 (-0.10, 0.05)
19239_5	ARF1	ARF1	226	-0.007	0.021	0.718	-0.01 (-0.05, 0.03)	0.900	0.036	0.044	0.041	0.287	0.04 (-0.04, 0.13)	-0.003	0.152	-0.005	0.040	0.903	-4.89e-03 (-0.08, 0.	0.002	0.041	0.961	2.04e-03 (-0.08, 0.08)
19255_124	NXT2	NXT2	226	-0.007	0.019	0.716	-0.01 (-0.04, 0.03)	0.900	0.102	0.022	0.041	0.589	0.02 (-0.06, 0.10)	-0.002	0.413	0.024	0.038	0.517	0.02 (-0.05, 0.10)	0.002	0.043	0.960	2.15e-03 (-0.08, 0.09)
2734_49	NCR2	NKp44	226	-0.007	0.020	0.717	-0.01 (-0.05, 0.03)	0.900	0.046	-0.021	0.040	0.601	-0.02 (-0.10, 0.06)	0.001	0.693	-0.015	0.031	0.638	-0.01 (-0.08, 0.05)	-0.014	0.038	0.708	-0.01 (-0.09, 0.06)
3083_71	EDA2R	XEDAR	226	0.008	0.022	0.717	0.01 (-0.03, 0.05)	0.900	0.001	0.036	0.044	0.405	0.04 (-0.05, 0.12)	-0.002	0.452	0.002	0.038	0.960	1.92e-03 (-0.07, 0.0	0.038	0.040	0.344	0.04 (-0.04, 0.12)
3221_54	SFRP1	SARP-2	226	0.008	0.022	0.718	0.01 (-0.04, 0.05)	0.900	5.95E-06	0.020	0.045	0.659	0.02 (-0.07, 0.11)	-0.001	0.762	0.011	0.040	0.785	0.01 (-0.07, 0.09)	0.024	0.044	0.586	0.02 (-0.06, 0.11)
3486_58	FGF1	b-ECGF	226	-0.007	0.019	0.715	-0.01 (-0.04, 0.03)	0.900	0.787	-0.026	0.038	0.498	-0.03 (-0.10, 0.05)	0.001	0.567	-0.007	0.038	0.851	-0.01 (-0.08, 0.07)	-0.044	0.039	0.255	-0.04 (-0.12, 0.03)
4292_5	NAPA	SNAA	226	0.006	0.018	0.714	0.01 (-0.03, 0.04)	0.900	0.731	-0.020	0.035	0.582	-0.02 (-0.09, 0.05)	0.002	0.399	-0.047	0.030	0.118	-0.05 (-0.11, 0.01)	-0.065	0.040	0.099	-0.07 (-0.14, 0.01)
5268_49	MMP16	MMP-16	226	-0.008	0.021	0.716	-0.01 (-0.05, 0.03)	0.900	0.012	0.055	0.042	0.194	0.06 (-0.03, 0.14)	-0.004	0.089	-0.006	0.040	0.878	-0.01 (-0.08, 0.07)	-0.004	0.041	0.925	-3.87e-03 (-0.08, 0.08)
7108_7	SMIM24	CS077	226	-0.007	0.020	0.717	-0.01 (-0.05, 0.03)	0.900	0.911	0.036	0.039	0.356	0.04 (-0.04, 0.11)	-0.003	0.204	-0.030	0.038	0.430	-0.03 (-0.10, 0.04)	-0.034	0.040	0.396	-0.03 (-0.11, 0.04)
7262_191	CHST14	CHSTE	226	-0.007	0.019	0.717	-0.01 (-0.05, 0.03)	0.900	0.773	0.044	0.039	0.262	0.04 (-0.03, 0.12)	-0.003	0.134	0.021	0.035	0.559	0.02 (-0.05, 0.09)	0.029	0.041	0.480	0.03 (-0.05, 0.11)
7267_2	SPTLC2	LCB2	226	0.007	0.019	0.714	0.01 (-0.03, 0.04)	0.900	0.079	0.004	0.041	0.929	3.70e-03 (-0.08, 0.08)	0.000	0.926	0.047	0.036	0.199	0.05 (-0.02, 0.12)	0.037	0.040	0.358	0.04 (-0.04, 0.11)
8882_1	ADAM17	ADAM 17	226	-0.007	0.019	0.718	-0.01 (-0.04, 0.03)	0.900	0.225	-0.027	0.040	0.497	-0.03 (-0.11, 0.05)	0.001	0.559	0.002	0.034	0.944	2.36e-03 (-0.06, 0.0	-0.021	0.044	0.639	-0.02 (-0.11, 0.07)
8893_29	PARP1	PARP	226	-0.007	0.019	0.715	-0.01 (-0.04, 0.03)	0.900	0.280	0.042	0.039	0.282	0.04 (-0.03, 0.12)	-0.003	0.149	0.042	0.035	0.224	0.04 (-0.03, 0.11)	0.026	0.037	0.486	0.03 (-0.05, 0.10)
9070_1	C17orf67	CQ067	226	0.007	0.019	0.716	0.01 (-0.03, 0.04)	0.900	0.134	0.032	0.040	0.419	0.03 (-0.05, 0.11)	-0.002	0.463	-0.031	0.032	0.340	-0.03 (-0.09, 0.03)	-0.010	0.040	0.809	-0.01 (-0.09, 0.07)
9310_2	CD8B	CD8B	226	0.007	0.019	0.718	0.01 (-0.03, 0.04)	0.900	0.441	-0.034	0.039	0.391	-0.03 (-0.11, 0.04)	0.003	0.233	0.007	0.041	0.872	0.01 (-0.07, 0.09)	-0.013	0.039	0.751	-0.01 (-0.09, 0.06)
9576_58	MNX1	MNX1	226	0.007	0.019	0.715	0.01 (-0.03, 0.05)	0.900	0.529	0.024	0.039	0.534	0.02 (-0.05, 0.10)	-0.001	0.611	0.018	0.041	0.655	0.02 (-0.06, 0.10)	0.027	0.042	0.529	0.03 (-0.06, 0.11)
17742_2	RRAS	RRAS	226	-0.007	0.019	0.718	-0.01 (-0.04, 0.03)	0.900	0.181	-0.047	0.040	0.245	-0.05 (-0.13, 0.03)	0.003	0.253	-0.037	0.037	0.327	-0.04 (-0.11, 0.04)	-0.044	0.039	0.258	-0.04 (-0.12, 0.03)
18895_54	GSTM4	GSTM4	226	-0.007	0.019	0.719	-0.01 (-0.04, 0.03)	0.901	0.775	-0.060	0.039	0.126	-0.06 (-0.14, 0.02)	0.003	0.120	-0.039	0.037	0.288	-0.04 (-0.11, 0.03)	-0.037	0.041	0.366	-0.04 (-0.12, 0.04)
17455_42	FOLR1	FOLR1	226	-0.007	0.019	0.719	-0.01 (-0.04, 0.03)	0.901	0.689	0.019	0.038	0.612	0.02 (-0.06, 0.09)	-0.002	0.430	-0.009	0.038	0.813	-0.01 (-0.08, 0.07)	0.014	0.042	0.742	0.01 (-0.07, 0.10)
7923_41	SEMA4C	SEM4C	226	-0.007	0.020	0.719	-0.01 (-0.05, 0.03)	0.901	0.024	0.013	0.041	0.751	0.01 (-0.07, 0.09)	-0.001	0.568	0.009	0.036	0.798	0.01 (-0.06, 0.08)	0.002	0.044	0.957	2.33e-03 (-0.08, 0.09)
7943_16	CUZD1	CUZD1	226	-0.009	0.025	0.719	-0.01 (-0.06, 0.04)	0.901	1.38E-09	-0.024	0.051	0.635	-0.02 (-0.12, 0.08)	0.001	0.732	0.031	0.039	0.436	0.03 (-0.05, 0.11)	0.025	0.043	0.569	0.02 (-0.06, 0.11)
14624_51	CTCF	CTCF	226	-0.007	0.019	0.720	-0.01 (-0.04, 0.03)	0.901	0.067	-0.002	0.042	0.971	-1.54e-03 (-0.08, 0.08)	0.000	0.882	-0.023	0.040	0.555	-0.02 (-0.10, 0.05)	-0.017	0.042	0.677	-0.02 (-0.10, 0.06)
9565_6	PAWR	PAWR	226	0.006	0.018	0.720	0.01 (-0.03, 0.04)	0.901	0.723	0.008	0.036	0.817	0.01 (-0.06, 0.08)	0.000	0.951	-0.019	0.035	0.589	-0.02 (-0.09, 0.05)	0.001	0.036	0.968	1.42e-03 (-0.07, 0.07)
3357_67	CDK2	CDK2/cycli	226	0.007	0.019	0.720	0.01 (-0.03, 0.04)	0.901	0.358	0.012	0.040	0.762	0.01 (-0.07, 0.09)	0.000	0.883	-0.010	0.037	0.790	-0.01 (-0.08, 0.06)	0.011	0.041	0.797	0.01 (-0.07, 0.09)
3405_6	UFC1	UFC1	226	0.007	0.019	0.721	0.01 (-0.03, 0.04)	0.902	0.802	-0.004	0.037	0.922	-3.65e-03 (-0.08, 0.07)	0.001	0.752	-0.043	0.032	0.176	-0.04 (-0.10, 0.02)	-0.039	0.037	0.290	-0.04 (-0.11, 0.03)
13534_20	MYOM2	MYOM2	226	0.007	0.019	0.722	0.01 (-0.03, 0.04)	0.903	0.090	0.011	0.040	0.779	0.01 (-0.07, 0.09)	0.000	0.895	0.036	0.036	0.313	0.04 (-0.03, 0.11)	0.026	0.045	0.558	0.03 (-0.06, 0.11)
12799_65	DNAJC27	DJC27	226	-0.007	0.020	0.723	-0.01 (-0.05, 0.03)	0.904	0.529	-0.002	0.039	0.962	-1.87e-03 (-0.08, 0.08)	0.000	0.883	-0.038	0.035	0.273	-0.04 (-0.11, 0.03)	-0.036	0.042	0.393	-0.04 (-0.12, 0.05)
12508_9	VPS24	CHMP3	226	0.006	0.018	0.725	0.01 (-0.03, 0.04)	0.904	0.256	-0.001	0.038	0.987	-6.18e-04 (-0.07, 0.07)	0.000	0.831	-0.029	0.036	0.418	-0.03 (-0.10, 0.04)	-0.010	0.036	0.777	-0.01 (-0.08, 0.06)
14095_1	KLRK1	NKG2D	226	-0.007	0.019	0.725	-0.01 (-0.04, 0.03)	0.904	0.597	-0.019	0.039	0.629	-0.02 (-0.10, 0.06)	0.001	0.722	-0.028	0.039	0.465	-0.03 (-0.10, 0.05)	-0.033	0.041	0.419	-0.03 (-0.11, 0.05)
19110_6	MEMO1	MEMO1	226	0.006	0.018	0.725	0.01 (-0.03, 0.04)	0.904	0.470	-0.025	0.037	0.495	-0.03 (-0.10, 0.05)	0.002	0.324	-0.027	0.034	0.420	-0.03 (-0.09, 0.04)	-0.019	0.038	0.622	-0.02 (-0.09, 0.06)
19356_20	TOM1L2	TM1L2	226	0.007	0.021	0.724	0.01 (-0.03, 0.05)	0.904	0.045	-0.028	0.042	0.498	-0.03 (-0.11, 0.05)	0.002	0.326	0.020	0.041	0.629	0.02 (-0.06, 0.10)	0.003	0.042	0.951	2.56e-03 (-0.08, 0.08)
2612_5	EIF5	eIF-5	226	0.007	0.019	0.724	0.01 (-0.03, 0.04)	0.904	0.641	-0.039	0.039	0.316	-0.04 (-0.11, 0.04)	0.003	0.175	-0.055	0.033	0.100	-0.05 (-0.12, 0.01)	-0.054	0.040	0.173	-0.05 (-0.13, 0.02)
4970_55	CA2	carbonic an	226	-0.007	0.020	0.725	-0.01 (-0.05, 0.03)	0.904	0.522	0.033	0.039	0.402	0.03 (-0.04, 0.11)	-0.002	0.244	0.026	0.039	0.517	0.03 (-0.05, 0.10)	0.027	0.043	0.534	0.03 (-0.06, 0.11)
7224_11	TRAT1	TRAT1	226	-0.006	0.018	0.724	-0.01 (-0.04, 0.03)	0.904	0.441	0.010	0.037	0.786	0.01 (-0.06, 0.08)	-0.001	0.608	0.005	0.038	0.899	4.89e-03 (-0.07, 0.0	-0.004	0.040	0.925	-3.76e-03 (-0.08, 0.07)
8467_9	INHBA	Activin AB	226	-0.007	0.021	0.723	-0.01 (-0.05, 0.03)	0.904	0.015	-0.008	0.043	0.847	-0.01 (-0.09, 0.08)	0.000	0.983	0.022	0.036	0.534	0.02 (-0.05, 0.09)	-0.003	0.042	0.940	-3.17e-03 (-0.09, 0.08)
8863_3	PIK3R1	P85A	226	-0.007	0.019	0.723	-0.01 (-0.04, 0.03)	0.904	0.513	0.012	0.039	0.755	0.01 (-0.06, 0.09)	-0.001	0.574	-0.061	0.035	0.087	-0.06 (-0.13, 0.01)	-0.062	0.047	0.190	-0.06 (-0.15, 0.03)
9051_13	IL32	IL32	226	-0.007	0.019	0.724	-0.01 (-0.05, 0.03)	0.904	0.214	0.022	0.041	0.586	0.02 (-0.06, 0.10)	-0.002	0.412	0.011	0.039	0.780	0.01 (-0.07, 0.09)	-0.001	0.044	0.974	-1.42e-03 (-0.09, 0.08)
18271_43	OXSM	OXSM	226	0.007	0.020	0.725	0.01 (-0.03, 0.05)	0.904	0.014	-0.008	0.040	0.850	-0.01 (-0.09, 0.07)	0.001	0.676	-0.018	0.029	0.525	-0.02 (-0.08, 0.04)	-0.025	0.039	0.524	-0.03 (-0.10, 0.05)
6965_19	CNTNAP2	CNTP2	226	0.007	0.020	0.726	0.01 (-0.03, 0.05)	0.904	0.023	0.038	0.040	0.352	0.04 (-0.04, 0.12)	-0.002	0.383	-0.013	0.038	0.738	-0.01 (-0.09, 0.06)	0.022	0.041	0.594	0.02 (-0.06, 0.10)
7743_5	TIMM50	TIM50	226	0.006	0.018	0.726	0.01 (-0.03, 0.04)	0.904	0.474	0.006	0.037	0.865	0.01 (-0.07, 0.08)	0.000	0.998	-0.003	0.036	0.931	-3.12e-03 (-0.07, 0.	0.001	0.036	0.987	5.73e-04 (-0.07, 0.07)
4719_58	PDIA3	Protein disu	226	0.006	0.018	0.726	0.01 (-0.03, 0.04)	0.904	0.402	-0.029	0.036	0.417	-0.03 (-0.10, 0.04)	0.002	0.257	-0.052	0.031	0.091	-0.05 (-0.11, 0.01)	-0.039	0.038	0.311	-0.04 (-0.11, 0.04)
12426_19	MOB1A	MOL1B	226	0.007	0.019	0.727	0.01 (-0.03, 0.04)	0.905	0.915	-0.021	0.038	0.587	-0.02 (-0.10, 0.05)	0.002	0.409	-0.018	0.038	0.628	-0.02 (-0.09, 0.06)	-0.017	0.041	0.687	-0.02 (-0.10, 0.06)
18175_65	VAT1	VAT1	226	0.007	0.019	0.727	0.01 (-0.03, 0.04)	0.905	0.357	0.079	0.038	0.039	0.08 (4.40e-03, 0.15)	-0.005	0.029	0.074	0.033	0.022	0.07 (0.01, 0.14)	0.083	0.040	0.040	0.08 (4.24e-03, 0.16)
8874_53	CLN5	CLN5	226	0.007	0.019	0.727	0.01 (-0.03, 0.04)	0.905	0.393	0.049	0.040	0.215	0.05 (-0.03, 0.13)	-0.003	0.219	0.037	0.039	0.343	0.04 (-0.04, 0.11)	0.026	0.036	0.469	0.03 (-0.04, 0.10)
14203_3	ANXA7	ANXA7	226	-0.007	0.019	0.727	-0.01 (-0.04, 0.03)	0.905	0.552	0.008	0.038	0.830	0.01 (-0.07, 0.08)	-0.001	0.655	-0.032	0.033	0.337	-0.03 (-0.10, 0.03)	-0.020	0.036	0.581	-0.02 (-0.09, 0.05)
5343_74	CPE	CBPE	226	0.009	0.025	0.728	0.01 (-0.04, 0.06)	0.906	3.99E-08	0.003	0.050	0.954	2.87e-03 (-0.10, 0.10)	0.000	0.895	0.067	0.036	0.064	0.07 (-3.97e-03, 0.1	0.045	0.040	0.263	0.04 (-0.03, 0.12)
4867_15	VEGFA	VEGF121	226	0.007	0.019	0.729	0.01 (-0.03, 0.04)	0.906	0.316	-0.023	0.040	0.561	-0.02 (-0.10, 0.06)	0.002	0.389	-0.026	0.037	0.490	-0.03 (-0.10, 0.05)	-0.024	0.040	0.550	-0.02 (-0.10, 0.06)
7852_9	MTIF3	IF3M	226	-0.006	0.018	0.729	-0.01 (-0.04, 0.03)	0.906	0.115	-0.010	0.038	0.800	-0.01 (-0.08, 0.07)	0.000	0.917	-0.034	0.032	0.297	-0.03 (-0.10, 0.03)	-0.042	0.039	0.275	-0.04 (-0.12, 0.03)
18409_61	ARF5	ARF5	226	-0.007	0.019	0.729	-0.01 (-0.04, 0.03)	0.907	0.055	0.004	0.042	0.924	4.00e-03 (-0.08, 0.09)	-0.001	0.770	0.016	0.039	0.685	0.02 (-0.06, 0.09)	-0.002	0.044	0.965	-1.94e-03 (-0.09, 0.08)
10045_47	CUL3	CUL3	226	-0.006	0.018	0.729	-0.01 (-0.04, 0.03)	0.907	0.697	0.036	0.037	0.328	0.04 (-0.04, 0.11)	-0.003	0.186	-0.012	0.038	0.762	-0.01 (-0.09, 0.06)	-0.021	0.038	0.578	-0.02 (-0.10, 0.05)
18310_26	SEPW1	SELW	226	0.007	0.019	0.730	0.01 (-0.03, 0.04)	0.907	0.096	0.003	0.040	0.950	2.52e-03 (-0.08, 0.08)	0.000	0.909	0.007	0.040	0.869	0.01 (-0.07, 0.09)	0.003	0.037	0.938	2.89e-03 (-0.07, 0.08)
4192_10	AKR1A1	AK1A1	226	0.006	0.018	0.730	0.01 (-0.03, 0.04)	0.907	0.108	-0.020	0.038	0.604	-0.02 (-0.09, 0.05)	0.002	0.433	-0.043	0.035	0.216	-0.04 (-0.11, 0.03)	-0.053	0.040	0.195	-0.05 (-0.13, 0.03)
8360_169	NCR1	NKp46	226	-0.007	0.021	0.730	-0.01 (-0.05, 0.03)	0.907	0.029	0.052	0.042	0.212	0.05 (-0.03, 0.13)	-0.004	0.102	-0.008	0.039	0.849	-0.01 (-0.08, 0.07)	0.015	0.044	0.733	0.02 (-0.07, 0.10)
13512_28	HNRNPR	HNRPR	226	-0.007	0.019	0.731	-0.01 (-0.04, 0.03)	0.908	0.300	-0.043	0.040	0.281	-0.04 (-0.12, 0.04)	0.002	0.293	0.005	0.042	0.898	0.01 (-0.08, 0.09)	0.002	0.044	0.966	1.89e-03 (-0.08, 0.09)
3365_7	DKK4	Dkk-4	226	0.007	0.021	0.731	0.01 (-0.03, 0.05)	0.908	3.80E-04	0.015	0.043	0.729	0.01 (-0.07, 0.10)	0.000	0.839	-0.021	0.034	0.536	-0.02 (-0.09, 0.05)	-0.016	0.039	0.674	-0.02 (-0.09, 0.06)
4440_15	FCRL3	FCRL3	226	0.008	0.023	0.731	0.01 (-0.04, 0.05)	0.908	0.001	0.032	0.046	0.485	0.03 (-0.06, 0.12)	-0.002	0.543	-0.006	0.038	0.883	-0.01 (-0.08, 0.07)	0.019	0.041	0.652	0.02 (-0.06, 0.10)
5019_16	UCHL1	PGP9.5	226	0.006	0.018	0.731	0.01 (-0.03, 0.04)	0.908	0.183	-0.003	0.038	0.938	-2.97e-03 (-0.08, 0.07)	0.001	0.782	-0.002	0.038	0.954	-2.18e-03 (-0.08, 0.	-0.012	0.040	0.760	-0.01 (-0.09, 0.07)
9248_36	MYDGF	CS010	226	0.006	0.019	0.732	0.01 (-0.03, 0.04)	0.908	0.855	0.008	0.038	0.835	0.01 (-0.07, 0.08)	0.000	0.965	-0.006	0.035	0.875	-0.01 (-0.07, 0.06)	-0.004	0.041	0.928	-3.71e-03 (-0.08, 0.08)
13940_19	IFI16	IP16	226	0.007	0.021	0.732	0.01 (-0.03, 0.05)	0.908	0.010	0.033	0.041	0.424	0.03 (-0.05, 0.11)	-0.002	0.468	0.028	0.039	0.471	0.03 (-0.05, 0.10)	0.020	0.039	0.605	0.02 (-0.06, 0.10)
14249_68	MID2	TRIM1	226	-0.007	0.019	0.733	-0.01 (-0.04, 0.03)	0.908	0.098	0.045	0.041	0.276	0.04 (-0.04, 0.13)	-0.003	0.151	0.042	0.034	0.220	0.04 (-0.03, 0.11)	0.042	0.045	0.356	0.04 (-0.05, 0.13)
7905_30	HP	HPT	226	0.007	0.019	0.733	0.01 (-0.03, 0.04)	0.908	0.133	-0.052	0.041	0.204	-0.05 (-0.13, 0.03)	0.004	0.100	-0.022	0.039	0.573	-0.02 (-0.10, 0.06)	-0.033	0.041	0.412	-0.03 (-0.11, 0.05)
7065_1	G6B	G6B	226	-0.006	0.019	0.733	-0.01 (-0.04, 0.03)	0.908	0.122	0.001	0.040	0.975	1.22e-03 (-0.08, 0.08)	0.000	0.826	-0.013	0.034	0.697	-0.01 (-0.08, 0.05)	-0.026	0.038	0.492	-0.03 (-0.10, 0.05)
19139_3	HSF2BP	HSF2B	226	0.007	0.019	0.734	0.01 (-0.03, 0.04)	0.909	0.133	0.016	0.041	0.699	0.02 (-0.06, 0.10)	-0.001	0.794	0.009	0.039	0.823	0.01 (-0.07, 0.09)	0.000	0.040	0.991	-4.30e-04 (-0.08, 0.08)
3313_21	FCN2	FCN2	226	0.006	0.019	0.734	0.01 (-0.03, 0.04)	0.909	0.180	0.027	0.039	0.497	0.03 (-0.05, 0.10)	-0.001	0.550	0.046	0.036	0.208	0.05 (-0.03, 0.12)	0.040	0.041	0.325	0.04 (-0.04, 0.12)
3873_51	TPO	TMA	226	0.007	0.019	0.734	0.01 (-0.03, 0.04)	0.909	0.050	-0.022	0.042	0.601	-0.02 (-0.11, 0.06)	0.002	0.435	-0.012	0.041	0.763	-0.01 (-0.09, 0.07)	-0.009	0.037	0.804	-0.01 (-0.08, 0.06)
7231_37	TMPRSS11	TM11A	226	-0.007	0.019	0.734	-0.01 (-0.04, 0.03)	0.909	0.291	0.007	0.040	0.868	0.01 (-0.07, 0.08)	-0.001	0.703	-0.011	0.041	0.788	-0.01 (-0.09, 0.07)	-0.009	0.039	0.818	-0.01 (-0.09, 0.07)
9490_3	C4orf32	CD032	226	-0.007	0.021	0.734	-0.01 (-0.05, 0.03)	0.909	0.008	-0.038	0.043	0.380	-0.04 (-0.12, 0.05)	0.002	0.413	0.009	0.034	0.797	0.01 (-0.06, 0.08)	-0.028	0.041	0.499	-0.03 (-0.11, 0.05)
5900_11	HINT1	HINT1	226	0.006	0.019	0.734	0.01 (-0.03, 0.04)	0.909	0.254	0.007	0.039	0.849	0.01 (-0.07, 0.08)	0.000	0.975	-0.054	0.033	0.097	-0.05 (-0.12, 0.01)	-0.052	0.044	0.236	-0.05 (-0.14, 0.03)
18913_3	CCNH	Cyclin H	226	-0.007	0.020	0.735	-0.01 (-0.04, 0.03)	0.909	0.401	0.011	0.040	0.779	0.01 (-0.07, 0.09)	-0.001	0.607	-0.014	0.042	0.735	-0.01 (-0.10, 0.07)	0.002	0.045	0.969	1.75e-03 (-0.09, 0.09)
3448_13	INSR	IR	226	-0.010	0.030	0.735	-0.01 (-0.07, 0.05)	0.909	2.71E-34	0.095	0.061	0.122	0.09 (-0.02, 0.21)	-0.007	0.049	0.027	0.033	0.422	0.03 (-0.04, 0.09)	0.036	0.040	0.358	0.04 (-0.04, 0.11)
10391_1	ANGPTL3	ANGL3	226	0.006	0.019	0.735	0.01 (-0.03, 0.04)	0.909	0.070	-0.029	0.041	0.480	-0.03 (-0.11, 0.05)	0.002	0.320	0.041	0.033	0.211	0.04 (-0.02, 0.10)	0.037	0.041	0.366	0.04 (-0.04, 0.12)
10938_13	CD58	sLFA-3	226	-0.006	0.019	0.737	-0.01 (-0.04, 0.03)	0.909	0.118	-0.035	0.041	0.388	-0.04 (-0.12, 0.04)	0.002	0.416	-0.048	0.033	0.153	-0.05 (-0.11, 0.02)	-0.065	0.042	0.126	-0.07 (-0.15, 0.02)
19296_51	MYL7	MLRA	226	-0.007	0.020	0.737	-0.01 (-0.04, 0.03)	0.909	0.486	-0.004	0.039	0.910	-4.44e-03 (-0.08, 0.07)	0.000	0.951	0.015	0.041	0.716	0.01 (-0.07, 0.10)	0.026	0.043	0.546	0.03 (-0.06, 0.11)
19518_12	HK3	HXK3	226	0.007	0.020	0.737	0.01 (-0.03, 0.04)	0.909	0.688	-0.025	0.039	0.533	-0.02 (-0.10, 0.05)	0.002	0.363	0.019	0.041	0.635	0.02 (-0.06, 0.10)	0.010	0.042	0.808	0.01 (-0.07, 0.09)
2876_74	TOP1	Topoisomer	226	-0.006	0.019	0.736	-0.01 (-0.04, 0.03)	0.909	0.222	-0.024	0.039	0.541	-0.02 (-0.10, 0.05)	0.001	0.604	-0.005	0.038	0.906	-4.52e-03 (-0.08, 0.	-0.005	0.038	0.894	-0.01 (-0.08, 0.07)
3201_49	KLK5	kallikrein 5	226	-0.006	0.019	0.737	-0.01 (-0.04, 0.03)	0.909	0.971	0.004	0.039	0.924	3.69e-03 (-0.07, 0.08)	-0.001	0.763	-0.009	0.040	0.820	-0.01 (-0.09, 0.07)	-0.030	0.038	0.430	-0.03 (-0.10, 0.04)
3350_53	CAMK2A	CAMK2A	226	-0.006	0.018	0.737	-0.01 (-0.04, 0.03)	0.909	0.109	-0.035	0.038	0.367	-0.03 (-0.11, 0.04)	0.002	0.391	-0.045	0.036	0.213	-0.05 (-0.12, 0.03)	-0.058	0.041	0.152	-0.06 (-0.14, 0.02)
4546_27	ADGRE2	EMR2	226	0.006	0.019	0.737	0.01 (-0.03, 0.04)	0.909	0.272	0.099	0.038	0.010	0.10 (0.02, 0.17)	-0.006	0.005	0.038	0.038	0.320	0.04 (-0.04, 0.11)	0.046	0.041	0.263	0.05 (-0.03, 0.13)
7770_25	NFU1	NFU1	226	0.006	0.018	0.736	0.01 (-0.03, 0.04)	0.909	0.461	-0.012	0.037	0.734	-0.01 (-0.08, 0.06)	0.001	0.560	-0.032	0.031	0.302	-0.03 (-0.09, 0.03)	-0.046	0.035	0.189	-0.05 (-0.11, 0.02)
8318_13	SPRED1	SPRE1	226	-0.007	0.020	0.736	-0.01 (-0.04, 0.03)	0.909	0.570	0.013	0.039	0.742	0.01 (-0.06, 0.09)	-0.001	0.568	0.014	0.041	0.727	0.01 (-0.07, 0.09)	0.002	0.043	0.961	2.10e-03 (-0.08, 0.09)
9182_3	LRP1	sLRP1	226	-0.006	0.019	0.736	-0.01 (-0.04, 0.03)	0.909	0.249	-0.021	0.039	0.586	-0.02 (-0.10, 0.06)	0.001	0.660	-0.023	0.037	0.538	-0.02 (-0.10, 0.05)	-0.041	0.042	0.334	-0.04 (-0.12, 0.04)
9215_117	USP25	UBP25	226	-0.006	0.019	0.737	-0.01 (-0.04, 0.03)	0.909	0.464	-0.036	0.038	0.348	-0.04 (-0.11, 0.04)	0.002	0.373	0.003	0.032	0.938	2.54e-03 (-0.06, 0.0	-0.002	0.041	0.955	-2.29e-03 (-0.08, 0.08)
13488_3	ARFIP1	ARFP1	226	0.006	0.018	0.738	0.01 (-0.03, 0.04)	0.909	0.416	-0.001	0.037	0.989	-5.12e-04 (-0.07, 0.07)	0.000	0.837	-0.030	0.032	0.350	-0.03 (-0.09, 0.03)	-0.029	0.041	0.483	-0.03 (-0.11, 0.05)
19228_11	BAG2	BAG-2	226	-0.006	0.018	0.738	-0.01 (-0.04, 0.03)	0.909	0.090	-0.006	0.040	0.885	-0.01 (-0.08, 0.07)	0.000	0.990	-0.006	0.038	0.882	-0.01 (-0.08, 0.07)	-0.004	0.037	0.923	-3.63e-03 (-0.08, 0.07)
7890_68	DPP10	DPP10	226	0.006	0.019	0.738	0.01 (-0.03, 0.04)	0.909	0.592	-0.002	0.039	0.960	-1.96e-03 (-0.08, 0.07)	0.001	0.803	-0.013	0.039	0.748	-0.01 (-0.09, 0.06)	0.000	0.039	0.999	-4.38e-05 (-0.08, 0.08)
12656_1	KLC1	KLC1	226	0.006	0.018	0.738	0.01 (-0.03, 0.04)	0.909	0.201	-0.043	0.038	0.257	-0.04 (-0.12, 0.03)	0.003	0.137	-0.035	0.035	0.312	-0.04 (-0.10, 0.03)	-0.028	0.038	0.464	-0.03 (-0.10, 0.05)
12338_27	EGFLAM	EGFLA	226	-0.006	0.018	0.739	-0.01 (-0.04, 0.03)	0.910	0.187	0.034	0.038	0.383	0.03 (-0.04, 0.11)	-0.002	0.235	0.016	0.038	0.670	0.02 (-0.06, 0.09)	0.018	0.043	0.677	0.02 (-0.07, 0.10)
19523_215	PARK7	PARK7	226	0.006	0.018	0.739	0.01 (-0.03, 0.04)	0.910	0.856	-0.022	0.035	0.543	-0.02 (-0.09, 0.05)	0.002	0.373	-0.034	0.029	0.235	-0.03 (-0.09, 0.02)	-0.049	0.036	0.178	-0.05 (-0.12, 0.02)
4144_13	CCL13	MCP-4	226	-0.006	0.019	0.739	-0.01 (-0.04, 0.03)	0.910	0.054	0.065	0.041	0.115	0.06 (-0.02, 0.14)	-0.004	0.047	0.014	0.040	0.723	0.01 (-0.06, 0.09)	0.017	0.039	0.663	0.02 (-0.06, 0.09)
13985_12	SMURF2	SMUF2	226	0.006	0.020	0.740	0.01 (-0.03, 0.04)	0.911	0.357	0.031	0.040	0.442	0.03 (-0.05, 0.11)	-0.002	0.484	0.036	0.039	0.359	0.04 (-0.04, 0.11)	0.020	0.040	0.614	0.02 (-0.06, 0.10)
9930_48	GABBR2	GABR2	226	-0.006	0.020	0.741	-0.01 (-0.04, 0.03)	0.912	0.120	0.011	0.042	0.795	0.01 (-0.07, 0.09)	-0.001	0.633	0.007	0.041	0.869	0.01 (-0.07, 0.09)	0.000	0.042	0.996	2.03e-04 (-0.08, 0.08)
4862_63	BMPR2	BMP RII	226	-0.006	0.019	0.741	-0.01 (-0.04, 0.03)	0.912	0.401	-0.030	0.039	0.451	-0.03 (-0.11, 0.05)	0.001	0.495	-0.035	0.038	0.355	-0.04 (-0.11, 0.04)	-0.010	0.041	0.814	-0.01 (-0.09, 0.07)
12422_143	ALOX15B	LX15B	226	-0.006	0.020	0.742	-0.01 (-0.04, 0.03)	0.912	0.831	0.019	0.039	0.633	0.02 (-0.06, 0.10)	-0.002	0.461	0.031	0.039	0.419	0.03 (-0.04, 0.11)	0.026	0.037	0.487	0.03 (-0.05, 0.10)
7099_33	FSTL5	FSTL5	226	-0.006	0.020	0.742	-0.01 (-0.04, 0.03)	0.912	0.355	0.027	0.040	0.506	0.03 (-0.05, 0.11)	-0.002	0.342	0.022	0.038	0.562	0.02 (-0.05, 0.10)	0.001	0.043	0.987	6.87e-04 (-0.08, 0.09)
7878_2	SEC61B	SC61B	226	0.006	0.019	0.742	0.01 (-0.03, 0.04)	0.912	0.749	0.009	0.038	0.813	0.01 (-0.07, 0.08)	0.000	0.933	-0.003	0.035	0.938	-2.70e-03 (-0.07, 0.	-0.001	0.040	0.972	-1.38e-03 (-0.08, 0.08)
7117_21	SERPINI2	SPI2	226	0.006	0.020	0.743	0.01 (-0.03, 0.04)	0.913	0.123	0.031	0.041	0.453	0.03 (-0.05, 0.11)	-0.002	0.492	0.048	0.036	0.179	0.05 (-0.02, 0.12)	0.052	0.044	0.240	0.05 (-0.03, 0.14)
12001_7	TJP1	ZO1	226	0.006	0.019	0.743	0.01 (-0.03, 0.04)	0.913	0.089	-0.018	0.041	0.657	-0.02 (-0.10, 0.06)	0.002	0.492	0.026	0.034	0.457	0.03 (-0.04, 0.09)	-0.011	0.041	0.786	-0.01 (-0.09, 0.07)
18404_22	ANKRD54	ANR54	226	0.006	0.019	0.743	0.01 (-0.03, 0.04)	0.913	0.445	-0.021	0.039	0.590	-0.02 (-0.10, 0.06)	0.002	0.420	-0.025	0.037	0.503	-0.03 (-0.10, 0.05)	-0.014	0.040	0.730	-0.01 (-0.09, 0.06)
8064_125	PVR	Poliovirus r	226	-0.006	0.019	0.743	-0.01 (-0.04, 0.03)	0.913	0.317	0.023	0.039	0.549	0.02 (-0.05, 0.10)	-0.002	0.382	-0.053	0.036	0.140	-0.05 (-0.12, 0.02)	-0.048	0.044	0.270	-0.05 (-0.13, 0.04)
8825_4	PILRA	PILRA	226	-0.006	0.019	0.743	-0.01 (-0.04, 0.03)	0.913	0.509	0.015	0.039	0.703	0.01 (-0.06, 0.09)	-0.001	0.532	0.055	0.033	0.102	0.05 (-0.01, 0.12)	0.065	0.042	0.127	0.06 (-0.02, 0.15)
13044_5	TSG101	TS101	226	0.006	0.018	0.744	0.01 (-0.03, 0.04)	0.913	0.685	-0.008	0.037	0.828	-0.01 (-0.08, 0.06)	0.001	0.662	-0.013	0.033	0.689	-0.01 (-0.08, 0.05)	-0.006	0.035	0.854	-0.01 (-0.07, 0.06)
13487_24	UNC93B1	UN93B	226	0.007	0.021	0.745	0.01 (-0.03, 0.05)	0.913	0.048	-0.014	0.043	0.750	-0.01 (-0.10, 0.07)	0.001	0.581	0.043	0.037	0.239	0.04 (-0.03, 0.12)	0.041	0.042	0.326	0.04 (-0.04, 0.12)
18232_42	PIP4K2B	PI42B	226	-0.006	0.018	0.745	-0.01 (-0.04, 0.03)	0.913	0.687	-0.017	0.037	0.652	-0.02 (-0.09, 0.06)	0.001	0.738	-0.012	0.032	0.709	-0.01 (-0.07, 0.05)	-0.029	0.041	0.487	-0.03 (-0.11, 0.05)
19122_47	MYL12B	ML12B	226	0.006	0.019	0.745	0.01 (-0.03, 0.04)	0.913	0.652	0.007	0.038	0.855	0.01 (-0.07, 0.08)	0.000	0.980	-0.025	0.035	0.475	-0.02 (-0.09, 0.04)	-0.013	0.042	0.760	-0.01 (-0.09, 0.07)
4359_87	DYRK3	DYRK3	226	0.006	0.020	0.745	0.01 (-0.03, 0.04)	0.913	0.353	-0.030	0.040	0.455	-0.03 (-0.11, 0.05)	0.002	0.297	-0.016	0.041	0.687	-0.02 (-0.10, 0.06)	-0.037	0.040	0.357	-0.04 (-0.11, 0.04)
8004_15	GAPDHS	G3PT	226	0.006	0.019	0.745	0.01 (-0.03, 0.04)	0.913	0.163	0.011	0.040	0.776	0.01 (-0.07, 0.09)	0.000	0.880	0.013	0.039	0.750	0.01 (-0.06, 0.09)	-0.009	0.044	0.843	-0.01 (-0.09, 0.08)
11358_15	GRB10	GRB10	226	0.006	0.018	0.746	0.01 (-0.03, 0.04)	0.914	0.746	-0.024	0.036	0.510	-0.02 (-0.10, 0.05)	0.002	0.345	-0.041	0.030	0.177	-0.04 (-0.10, 0.02)	-0.053	0.038	0.169	-0.05 (-0.13, 0.02)
18241_18	CPOX	HEM6	226	-0.007	0.021	0.746	-0.01 (-0.05, 0.03)	0.914	0.013	0.109	0.042	0.009	0.11 (0.03, 0.19)	-0.007	0.002	0.012	0.032	0.717	0.01 (-0.05, 0.08)	0.066	0.045	0.146	0.07 (-0.02, 0.16)
8794_13	DPEP1	DPEP1	226	-0.007	0.023	0.746	-0.01 (-0.05, 0.04)	0.914	7.64E-05	0.033	0.046	0.474	0.03 (-0.06, 0.12)	-0.002	0.313	0.011	0.042	0.797	0.01 (-0.07, 0.09)	-0.001	0.047	0.989	-6.36e-04 (-0.09, 0.09)
4989_7	FGG	Fibrinogen	226	-0.007	0.023	0.747	-0.01 (-0.05, 0.04)	0.915	6.03E-05	-0.070	0.045	0.125	-0.07 (-0.16, 0.02)	0.004	0.113	-0.004	0.038	0.920	-3.80e-03 (-0.08, 0.	-0.041	0.043	0.342	-0.04 (-0.13, 0.04)
14227_21	MYL6B	MYL6B	226	0.007	0.021	0.748	0.01 (-0.03, 0.05)	0.915	0.014	0.010	0.043	0.816	0.01 (-0.07, 0.09)	0.000	0.933	-0.033	0.038	0.380	-0.03 (-0.11, 0.04)	-0.009	0.042	0.823	-0.01 (-0.09, 0.07)
8459_10	BMP6	BMP-6	226	-0.006	0.019	0.748	-0.01 (-0.04, 0.03)	0.915	0.501	0.062	0.038	0.107	0.06 (-0.01, 0.14)	-0.004	0.042	0.027	0.033	0.423	0.03 (-0.04, 0.09)	0.058	0.043	0.178	0.06 (-0.03, 0.14)
9219_70	NENF	NENF	226	0.006	0.020	0.748	0.01 (-0.03, 0.04)	0.915	0.485	0.000	0.039	0.990	4.87e-04 (-0.08, 0.08)	0.000	0.866	-0.013	0.039	0.744	-0.01 (-0.09, 0.06)	-0.002	0.038	0.954	-2.17e-03 (-0.08, 0.07)
11247_20	NAGS	NAGS	226	0.006	0.019	0.748	0.01 (-0.03, 0.04)	0.915	0.254	-0.011	0.040	0.775	-0.01 (-0.09, 0.07)	0.001	0.613	-0.002	0.040	0.954	-2.30e-03 (-0.08, 0.	-0.006	0.040	0.884	-0.01 (-0.08, 0.07)
16927_9	F13A1	Coagulatio	226	0.006	0.019	0.748	0.01 (-0.03, 0.04)	0.915	0.604	0.002	0.039	0.963	1.77e-03 (-0.07, 0.08)	0.000	0.896	0.026	0.035	0.461	0.03 (-0.04, 0.10)	0.017	0.040	0.670	0.02 (-0.06, 0.10)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
3484_60	AGT	Angiotensir	226	-0.007	0.023	0.748	-0.01 (-0.05, 0.04)	0.915	3.54E-06	0.049	0.046	0.293	0.05 (-0.04, 0.14)	-0.004	0.163	0.001	0.039	0.987	6.38e-04 (-0.08, 0.0	0.038	0.042	0.365	0.04 (-0.04, 0.12)
11816_84	JAK2	JAK2	226	-0.006	0.019	0.749	-0.01 (-0.04, 0.03)	0.916	0.658	-0.020	0.039	0.597	-0.02 (-0.10, 0.06)	0.001	0.670	-0.019	0.040	0.636	-0.02 (-0.10, 0.06)	-0.026	0.039	0.506	-0.03 (-0.10, 0.05)
18419_20	ARPC5	p16-ARC	226	0.007	0.021	0.749	0.01 (-0.04, 0.05)	0.916	0.017	-0.007	0.043	0.879	-0.01 (-0.09, 0.08)	0.001	0.721	-0.007	0.041	0.863	-0.01 (-0.09, 0.07)	0.001	0.044	0.986	7.45e-04 (-0.08, 0.09)
5671_1	CTRB1	Chymotryps	226	0.011	0.033	0.749	0.01 (-0.05, 0.08)	0.916	2.04E-41	0.157	0.066	0.017	0.16 (0.03, 0.29)	-0.009	0.011	0.034	0.037	0.358	0.03 (-0.04, 0.11)	0.041	0.038	0.284	0.04 (-0.03, 0.12)
5927_4	WISP3	WISP-3	226	0.007	0.021	0.749	0.01 (-0.03, 0.05)	0.916	0.039	0.029	0.043	0.494	0.03 (-0.05, 0.11)	-0.001	0.545	0.035	0.040	0.376	0.04 (-0.04, 0.11)	0.043	0.045	0.337	0.04 (-0.04, 0.13)
9531_24	LST1	LST1	226	-0.006	0.018	0.750	-0.01 (-0.04, 0.03)	0.916	0.407	-0.018	0.037	0.632	-0.02 (-0.09, 0.05)	0.001	0.710	-0.003	0.037	0.938	-2.83e-03 (-0.07, 0.0	0.001	0.036	0.978	9.71e-04 (-0.07, 0.07)
5089_11	IL7R	IL-7 Ra	226	0.006	0.019	0.750	0.01 (-0.03, 0.04)	0.916	0.250	0.080	0.040	0.047	0.08 (1.67e-03, 0.16)	-0.005	0.034	0.059	0.037	0.109	0.06 (-0.01, 0.13)	0.055	0.044	0.211	0.06 (-0.03, 0.14)
10053_5	ILK	ILK1	226	0.006	0.019	0.752	0.01 (-0.03, 0.04)	0.916	0.572	0.035	0.038	0.351	0.04 (-0.04, 0.11)	-0.002	0.372	0.000	0.035	0.996	1.84e-04 (-0.07, 0.0	0.007	0.039	0.853	0.01 (-0.07, 0.08)
10917_40	GNGT2	GBGT2	226	-0.007	0.021	0.752	-0.01 (-0.05, 0.03)	0.916	0.044	0.018	0.042	0.674	0.02 (-0.06, 0.10)	-0.002	0.507	-0.005	0.039	0.906	-4.60e-03 (-0.08, 0.0	-0.028	0.037	0.446	-0.03 (-0.10, 0.04)
11382_5	BLVRA	BIEA	226	-0.005	0.017	0.751	-0.01 (-0.04, 0.03)	0.916	0.785	-0.012	0.035	0.726	-0.01 (-0.08, 0.06)	0.000	0.824	-0.041	0.034	0.222	-0.04 (-0.11, 0.02)	-0.045	0.040	0.254	-0.05 (-0.12, 0.03)
12396_19	HIBCH	HIBCH	226	-0.006	0.018	0.751	-0.01 (-0.04, 0.03)	0.916	0.295	-0.007	0.037	0.855	-0.01 (-0.08, 0.07)	0.000	0.973	-0.042	0.033	0.207	-0.04 (-0.11, 0.02)	-0.021	0.038	0.585	-0.02 (-0.10, 0.05)
12637_7	CRAT	CACP	226	0.006	0.018	0.751	0.01 (-0.03, 0.04)	0.916	0.313	-0.025	0.037	0.496	-0.03 (-0.10, 0.05)	0.002	0.336	-0.036	0.034	0.289	-0.04 (-0.10, 0.03)	-0.015	0.037	0.695	-0.01 (-0.09, 0.06)
17345_12	ZADH2	ZADH2	226	0.006	0.018	0.751	0.01 (-0.03, 0.04)	0.916	0.074	-0.021	0.038	0.577	-0.02 (-0.10, 0.05)	0.002	0.417	-0.024	0.030	0.430	-0.02 (-0.08, 0.04)	-0.045	0.037	0.235	-0.04 (-0.12, 0.03)
2500_2	ANGPT4	Angiopoieti	226	-0.006	0.019	0.752	-0.01 (-0.04, 0.03)	0.916	0.044	-0.031	0.039	0.423	-0.03 (-0.11, 0.05)	0.002	0.458	-0.043	0.029	0.137	-0.04 (-0.10, 0.01)	-0.036	0.040	0.359	-0.04 (-0.11, 0.04)
2789_26	MMP7	MMP-7	226	-0.006	0.020	0.752	-0.01 (-0.05, 0.03)	0.916	0.025	0.011	0.040	0.787	0.01 (-0.07, 0.09)	-0.001	0.623	0.016	0.037	0.671	0.02 (-0.06, 0.09)	0.004	0.039	0.926	3.60e-03 (-0.07, 0.08)
2870_29	RAC1	RAC1	226	0.006	0.018	0.752	0.01 (-0.03, 0.04)	0.916	0.596	-0.002	0.036	0.951	-2.19e-03 (-0.07, 0.07)	0.000	0.802	-0.054	0.029	0.062	-0.05 (-0.11, 2.63e-0	-0.054	0.040	0.182	-0.05 (-0.13, 0.03)
8086_49	ITM2B	ITM2B	226	-0.008	0.024	0.751	-0.01 (-0.06, 0.04)	0.916	1.50E-09	-0.027	0.049	0.590	-0.03 (-0.12, 0.07)	0.001	0.659	0.020	0.039	0.601	0.02 (-0.06, 0.10)	0.036	0.042	0.391	0.04 (-0.05, 0.12)
9764_79	HNRNPF	HNRPF	226	-0.006	0.018	0.752	-0.01 (-0.04, 0.03)	0.916	0.823	-0.004	0.037	0.911	-4.11e-03 (-0.08, 0.07)	0.000	0.959	-0.036	0.033	0.277	-0.04 (-0.10, 0.03)	-0.020	0.039	0.600	-0.02 (-0.10, 0.06)
9937_7	GJA1	CXA1	226	-0.006	0.019	0.752	-0.01 (-0.04, 0.03)	0.916	0.792	-0.006	0.038	0.882	-0.01 (-0.08, 0.07)	0.000	0.992	0.031	0.033	0.356	0.03 (-0.03, 0.10)	0.011	0.041	0.795	0.01 (-0.07, 0.09)
9942_2	NXT1	NXT1	226	0.007	0.022	0.753	0.01 (-0.04, 0.05)	0.916	0.002	0.049	0.044	0.268	0.05 (-0.04, 0.14)	-0.003	0.273	0.024	0.040	0.545	0.02 (-0.05, 0.10)	0.010	0.041	0.807	0.01 (-0.07, 0.09)
13429_3	WFDC10A	WF10A	226	-0.006	0.019	0.753	-0.01 (-0.04, 0.03)	0.916	0.405	-0.048	0.038	0.207	-0.05 (-0.12, 0.03)	0.003	0.202	0.029	0.034	0.394	0.03 (-0.04, 0.10)	0.014	0.039	0.718	0.01 (-0.06, 0.09)
10015_119	KCNAB2	KCAB2	226	0.006	0.018	0.754	0.01 (-0.03, 0.04)	0.917	0.681	0.019	0.036	0.588	0.02 (-0.05, 0.09)	-0.001	0.657	-0.020	0.033	0.551	-0.02 (-0.08, 0.04)	-0.007	0.037	0.855	-0.01 (-0.08, 0.07)
19119_10	DDIT3	DDIT3	226	-0.006	0.020	0.754	-0.01 (-0.04, 0.03)	0.917	0.055	0.011	0.042	0.801	0.01 (-0.07, 0.09)	-0.001	0.648	-0.014	0.034	0.678	-0.01 (-0.08, 0.05)	-0.007	0.043	0.861	-0.01 (-0.09, 0.08)
13554_78	REPIN1	REPI1	226	-0.006	0.019	0.754	-0.01 (-0.04, 0.03)	0.917	0.141	-0.024	0.041	0.564	-0.02 (-0.10, 0.06)	0.001	0.621	0.049	0.034	0.148	0.05 (-0.02, 0.12)	0.018	0.044	0.685	0.02 (-0.07, 0.10)
11254_13	PAPLN	PPN	226	-0.006	0.019	0.755	-0.01 (-0.04, 0.03)	0.917	0.920	0.022	0.038	0.564	0.02 (-0.05, 0.10)	-0.002	0.400	-0.030	0.035	0.396	-0.03 (-0.10, 0.04)	-0.025	0.042	0.551	-0.03 (-0.11, 0.06)
11308_8	CREB3L4	CR3L4	226	-0.007	0.023	0.755	-0.01 (-0.05, 0.04)	0.917	2.80E-06	0.059	0.047	0.211	0.06 (-0.03, 0.15)	-0.004	0.105	-0.007	0.043	0.870	-0.01 (-0.09, 0.08)	-0.023	0.044	0.605	-0.02 (-0.11, 0.06)
13503_19	ARL6IP5	PRAF3	226	0.006	0.018	0.756	0.01 (-0.03, 0.04)	0.917	0.291	0.027	0.038	0.468	0.03 (-0.05, 0.10)	-0.001	0.507	-0.024	0.034	0.489	-0.02 (-0.09, 0.04)	-0.013	0.038	0.746	-0.01 (-0.09, 0.06)
19293_6	VPS26A	VP26A	226	0.006	0.018	0.756	0.01 (-0.03, 0.04)	0.917	0.751	-0.027	0.037	0.474	-0.03 (-0.10, 0.05)	0.002	0.316	-0.027	0.031	0.380	-0.03 (-0.09, 0.03)	-0.056	0.037	0.128	-0.06 (-0.13, 0.02)
3627_71	MMEL1	MMEL2	226	0.006	0.019	0.755	0.01 (-0.03, 0.04)	0.917	0.603	-0.058	0.038	0.127	-0.06 (-0.13, 0.02)	0.004	0.053	-0.025	0.031	0.406	-0.03 (-0.09, 0.03)	-0.046	0.040	0.250	-0.05 (-0.12, 0.03)
7163_26	LACRT	lacritin	226	-0.006	0.019	0.756	-0.01 (-0.04, 0.03)	0.917	0.282	0.043	0.039	0.274	0.04 (-0.03, 0.12)	-0.003	0.152	0.016	0.039	0.678	0.02 (-0.06, 0.09)	0.007	0.039	0.865	0.01 (-0.07, 0.08)
9783_75	DNAJC11	DJC11	226	0.006	0.019	0.755	0.01 (-0.03, 0.04)	0.917	0.591	-0.012	0.038	0.762	-0.01 (-0.09, 0.06)	0.001	0.599	0.017	0.037	0.634	0.02 (-0.05, 0.09)	-0.001	0.039	0.988	-5.89e-04 (-0.08, 0.08)
8273_84	IL31RA	IL31R	226	-0.006	0.020	0.756	-0.01 (-0.04, 0.03)	0.918	0.802	0.014	0.039	0.715	0.01 (-0.06, 0.09)	-0.001	0.550	-0.018	0.041	0.662	-0.02 (-0.10, 0.06)	-0.022	0.041	0.589	-0.02 (-0.10, 0.06)
12714_38	AP1G2	AP1G2	226	0.006	0.018	0.757	0.01 (-0.03, 0.04)	0.918	0.381	0.000	0.037	0.992	3.91e-04 (-0.07, 0.07)	0.000	0.871	-0.022	0.030	0.466	-0.02 (-0.08, 0.04)	-0.026	0.040	0.521	-0.03 (-0.10, 0.05)
2333_72	TGFB1	TGF-b1	226	0.006	0.018	0.757	0.01 (-0.03, 0.04)	0.918	0.203	-0.011	0.038	0.762	-0.01 (-0.09, 0.06)	0.001	0.604	-0.029	0.037	0.431	-0.03 (-0.10, 0.04)	-0.019	0.039	0.627	-0.02 (-0.10, 0.06)
5613_75	LAT2	NTAL	226	-0.006	0.020	0.757	-0.01 (-0.04, 0.03)	0.918	0.153	-0.027	0.041	0.508	-0.03 (-0.11, 0.05)	0.001	0.552	-0.034	0.039	0.379	-0.03 (-0.11, 0.04)	-0.016	0.041	0.692	-0.02 (-0.10, 0.06)
3376_49	IL17RD	IL-17 RD	226	-0.006	0.019	0.757	-0.01 (-0.04, 0.03)	0.918	0.959	0.039	0.038	0.309	0.04 (-0.04, 0.11)	-0.003	0.178	0.000	0.040	0.994	-3.00e-04 (-0.08, 0.0	-0.008	0.039	0.831	-0.01 (-0.08, 0.07)
9402_18	DCBLD1	DCBD1	226	0.006	0.019	0.758	0.01 (-0.03, 0.04)	0.918	0.328	-0.018	0.040	0.649	-0.02 (-0.10, 0.06)	0.002	0.486	-0.026	0.033	0.435	-0.03 (-0.09, 0.04)	-0.021	0.045	0.638	-0.02 (-0.11, 0.07)
16883_57	RAB4A	RAB4A	226	0.006	0.018	0.758	0.01 (-0.03, 0.04)	0.918	0.315	0.009	0.038	0.818	0.01 (-0.06, 0.08)	0.000	0.926	-0.009	0.032	0.787	-0.01 (-0.07, 0.05)	-0.028	0.037	0.454	-0.03 (-0.10, 0.05)
9475_22	GPX5	GPX5	226	0.006	0.020	0.758	0.01 (-0.03, 0.04)	0.918	0.693	-0.033	0.040	0.408	-0.03 (-0.11, 0.04)	0.002	0.259	-0.007	0.038	0.864	-0.01 (-0.08, 0.07)	-0.005	0.043	0.904	-0.01 (-0.09, 0.08)
12709_63	H1FX	H1X	226	-0.006	0.018	0.758	-0.01 (-0.04, 0.03)	0.919	0.060	0.000	0.040	0.999	5.11e-05 (-0.08, 0.08)	0.000	0.869	0.018	0.038	0.633	0.02 (-0.06, 0.09)	0.019	0.040	0.635	0.02 (-0.06, 0.10)
12535_2	XRCC1	XRCC1	226	-0.006	0.019	0.759	-0.01 (-0.04, 0.03)	0.919	0.369	0.026	0.040	0.514	0.03 (-0.05, 0.10)	-0.002	0.355	-0.028	0.038	0.471	-0.03 (-0.10, 0.05)	-0.012	0.041	0.764	-0.01 (-0.09, 0.07)
17155_1	VPS28	VPS28 prot	226	-0.007	0.021	0.759	-0.01 (-0.05, 0.04)	0.919	0.019	-0.054	0.043	0.210	-0.05 (-0.14, 0.03)	0.003	0.204	0.006	0.040	0.887	0.01 (-0.07, 0.08)	-0.030	0.041	0.475	-0.03 (-0.11, 0.05)
6393_63	HSP90B1	Endoplasm	226	0.005	0.018	0.760	0.01 (-0.03, 0.04)	0.919	0.368	-0.030	0.036	0.412	-0.03 (-0.10, 0.04)	0.002	0.264	-0.043	0.033	0.190	-0.04 (-0.11, 0.02)	-0.037	0.036	0.310	-0.04 (-0.11, 0.03)
11157_35	HSPA1A	HSP 70	226	0.005	0.018	0.761	0.01 (-0.03, 0.04)	0.920	0.224	-0.035	0.037	0.345	-0.04 (-0.11, 0.04)	0.003	0.209	-0.004	0.029	0.884	-4.18e-03 (-0.06, 0.0	-0.047	0.040	0.246	-0.05 (-0.13, 0.03)
15503_15	LEFTY2	Lefty-A	226	0.005	0.018	0.761	0.01 (-0.03, 0.04)	0.920	0.826	-0.008	0.036	0.826	-0.01 (-0.08, 0.06)	0.001	0.669	-0.025	0.032	0.447	-0.02 (-0.09, 0.04)	-0.031	0.037	0.406	-0.03 (-0.10, 0.04)
17806_6	SDCBP	Syntenin 1	226	0.006	0.019	0.761	0.01 (-0.03, 0.04)	0.920	0.261	-0.021	0.039	0.595	-0.02 (-0.10, 0.06)	0.002	0.435	-0.026	0.036	0.477	-0.03 (-0.10, 0.05)	-0.032	0.043	0.460	-0.03 (-0.12, 0.05)
8067_21	KCNE3	KCNE3	226	0.006	0.019	0.761	0.01 (-0.03, 0.04)	0.920	0.589	-0.048	0.038	0.209	-0.05 (-0.12, 0.03)	0.003	0.105	0.029	0.035	0.413	0.03 (-0.04, 0.10)	0.010	0.040	0.804	0.01 (-0.07, 0.09)
9583_17	RNF24	RNF24	226	0.006	0.019	0.761	0.01 (-0.03, 0.04)	0.920	0.175	0.028	0.041	0.488	0.03 (-0.05, 0.11)	-0.001	0.527	0.052	0.034	0.129	0.05 (-0.01, 0.12)	0.058	0.044	0.186	0.06 (-0.03, 0.14)
19266_35	G3BP1	G3BP1	226	0.006	0.018	0.762	0.01 (-0.03, 0.04)	0.920	0.782	-0.017	0.037	0.640	-0.02 (-0.09, 0.06)	0.001	0.476	-0.006	0.030	0.839	-0.01 (-0.06, 0.05)	-0.025	0.041	0.539	-0.03 (-0.11, 0.05)
15545_13	PPP3R1	Calcineurin	226	0.006	0.018	0.762	0.01 (-0.03, 0.04)	0.921	0.247	0.012	0.038	0.752	0.01 (-0.06, 0.09)	0.000	0.844	-0.022	0.035	0.540	-0.02 (-0.09, 0.05)	0.004	0.038	0.926	3.60e-03 (-0.07, 0.08)
13743_56	CUL4B	CUL4B	226	-0.006	0.019	0.762	-0.01 (-0.04, 0.03)	0.921	0.745	-0.017	0.038	0.655	-0.02 (-0.09, 0.06)	0.001	0.733	0.021	0.036	0.560	0.02 (-0.05, 0.09)	0.002	0.039	0.960	1.93e-03 (-0.07, 0.08)
4150_75	PLG	Plasmin	226	0.006	0.021	0.763	0.01 (-0.03, 0.05)	0.921	0.042	-0.029	0.042	0.501	-0.03 (-0.11, 0.05)	0.002	0.344	-0.007	0.042	0.869	-0.01 (-0.09, 0.08)	-0.016	0.040	0.699	-0.02 (-0.09, 0.06)
4541_49	CDON	CDON	226	0.006	0.019	0.763	0.01 (-0.03, 0.04)	0.921	0.168	0.054	0.039	0.175	0.05 (-0.02, 0.13)	-0.003	0.162	0.005	0.039	0.903	4.73e-03 (-0.07, 0.0	0.011	0.040	0.779	0.01 (-0.07, 0.09)
6123_69	TP53	p53	226	-0.006	0.019	0.763	-0.01 (-0.04, 0.03)	0.921	0.686	-0.029	0.039	0.465	-0.03 (-0.11, 0.05)	0.001	0.503	-0.011	0.040	0.792	-0.01 (-0.09, 0.07)	-0.024	0.041	0.562	-0.02 (-0.10, 0.06)
6897_38	B3GAT3	B3GA3	226	-0.006	0.021	0.763	-0.01 (-0.05, 0.04)	0.921	0.001	-0.019	0.043	0.668	-0.02 (-0.10, 0.07)	0.001	0.747	0.015	0.039	0.695	0.02 (-0.06, 0.09)	-0.006	0.043	0.890	-0.01 (-0.09, 0.08)
11110_4	TMEM119	TM119	226	0.006	0.019	0.764	0.01 (-0.03, 0.04)	0.921	0.733	-0.007	0.038	0.856	-0.01 (-0.08, 0.07)	0.001	0.703	-0.023	0.039	0.554	-0.02 (-0.10, 0.05)	-0.042	0.041	0.305	-0.04 (-0.12, 0.04)
12484_67	PITPNB	PIPNB	226	0.006	0.020	0.764	0.01 (-0.03, 0.04)	0.921	0.091	-0.057	0.042	0.173	-0.06 (-0.14, 0.02)	0.004	0.084	0.012	0.040	0.756	0.01 (-0.07, 0.09)	0.001	0.041	0.971	1.48e-03 (-0.08, 0.08)
12862_14	NEDD9	CASL	226	0.006	0.019	0.764	0.01 (-0.03, 0.04)	0.921	0.862	0.032	0.039	0.415	0.03 (-0.04, 0.11)	-0.002	0.442	0.025	0.036	0.476	0.03 (-0.04, 0.10)	0.018	0.037	0.635	0.02 (-0.06, 0.09)
2635_61	LAYN	Layilin	226	-0.006	0.021	0.764	-0.01 (-0.05, 0.04)	0.921	0.025	-0.037	0.043	0.388	-0.04 (-0.12, 0.05)	0.002	0.410	-0.033	0.037	0.378	-0.03 (-0.11, 0.04)	-0.027	0.039	0.489	-0.03 (-0.10, 0.05)
13116_25	CD177	CD177	226	0.006	0.020	0.766	0.01 (-0.03, 0.04)	0.922	0.315	0.021	0.040	0.601	0.02 (-0.06, 0.10)	-0.001	0.663	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	-0.005	0.041	0.895	-0.01 (-0.09, 0.08)
17393_13	ACADS	SCAD	226	0.006	0.020	0.765	0.01 (-0.03, 0.04)	0.922	0.087	-0.004	0.042	0.916	-4.45e-03 (-0.09, 0.08)	0.001	0.778	0.037	0.033	0.255	0.04 (-0.03, 0.10)	0.065	0.044	0.144	0.07 (-0.02, 0.15)
19388_2	CDH12	Cadherin-1	226	-0.006	0.019	0.765	-0.01 (-0.04, 0.03)	0.922	0.953	-0.054	0.039	0.173	-0.05 (-0.13, 0.02)	0.003	0.162	-0.039	0.039	0.321	-0.04 (-0.12, 0.04)	-0.031	0.044	0.487	-0.03 (-0.12, 0.06)
3374_49	HCK	HCK	226	0.006	0.019	0.765	0.01 (-0.03, 0.04)	0.922	0.254	0.005	0.039	0.895	0.01 (-0.07, 0.08)	0.000	0.990	0.002	0.039	0.951	2.41e-03 (-0.07, 0.0	0.006	0.041	0.875	0.01 (-0.07, 0.09)
4564_2	PLXNC1	PLXC1	226	0.006	0.019	0.766	0.01 (-0.03, 0.04)	0.922	0.582	0.047	0.037	0.211	0.05 (-0.03, 0.12)	-0.003	0.204	-0.006	0.038	0.879	-0.01 (-0.08, 0.07)	0.010	0.044	0.813	0.01 (-0.08, 0.10)
6234_74	VIT	VITRN	226	-0.005	0.018	0.765	-0.01 (-0.04, 0.03)	0.922	0.267	0.022	0.037	0.555	0.02 (-0.05, 0.10)	-0.002	0.398	0.020	0.036	0.567	0.02 (-0.05, 0.09)	-0.012	0.040	0.767	-0.01 (-0.09, 0.07)
6580_29	PZP	Pregnancy	226	-0.004	0.015	0.766	-4.41e-03 (-0.03, 0.02	0.922	0.004	-0.034	0.030	0.262	-0.03 (-0.09, 0.02)	0.002	0.262	-0.047	0.025	0.060	-0.05 (-0.10, 1.89e-0	-0.047	0.026	0.075	-0.05 (-0.10, 4.48e-03)
7849_3	QPCT	Glutaminyl	226	-0.006	0.020	0.766	-0.01 (-0.05, 0.03)	0.922	0.024	-0.012	0.041	0.768	-0.01 (-0.09, 0.07)	0.000	0.865	-0.015	0.040	0.705	-0.02 (-0.09, 0.06)	-0.044	0.038	0.253	-0.04 (-0.12, 0.03)
9513_9	FGF22	FGF22	226	0.006	0.019	0.766	0.01 (-0.03, 0.04)	0.922	0.339	0.055	0.039	0.160	0.06 (-0.02, 0.13)	-0.003	0.146	0.033	0.038	0.384	0.03 (-0.04, 0.11)	0.020	0.039	0.616	0.02 (-0.06, 0.10)
9026_40	BTNL8	BTNL8	226	0.006	0.019	0.767	0.01 (-0.03, 0.04)	0.922	0.057	0.018	0.041	0.663	0.02 (-0.06, 0.10)	-0.001	0.731	-0.014	0.037	0.699	-0.01 (-0.09, 0.06)	-0.014	0.039	0.727	-0.01 (-0.09, 0.06)
9384_17	CAMP	Cathelicidir	226	0.007	0.022	0.767	0.01 (-0.04, 0.05)	0.922	0.002	0.018	0.045	0.693	0.02 (-0.07, 0.11)	-0.001	0.775	0.007	0.038	0.845	0.01 (-0.07, 0.08)	0.018	0.039	0.646	0.02 (-0.06, 0.10)
17462_19	IRF1	IRF1	226	0.006	0.019	0.767	0.01 (-0.03, 0.04)	0.922	0.097	-0.065	0.041	0.116	-0.06 (-0.15, 0.02)	0.004	0.049	0.016	0.033	0.639	0.02 (-0.05, 0.08)	0.010	0.044	0.814	0.01 (-0.08, 0.10)
10512_13	CSF2RB	IL3RB	226	-0.006	0.019	0.768	-0.01 (-0.04, 0.03)	0.923	0.060	0.012	0.041	0.768	0.01 (-0.07, 0.09)	-0.001	0.619	-0.001	0.040	0.975	-1.27e-03 (-0.08, 0.0	-0.019	0.041	0.641	-0.02 (-0.10, 0.06)
13650_11	KCNIP1	KCIP1	226	0.006	0.019	0.768	0.01 (-0.03, 0.04)	0.923	0.425	-0.015	0.039	0.700	-0.01 (-0.09, 0.06)	0.001	0.542	0.015	0.040	0.708	0.01 (-0.06, 0.09)	0.020	0.041	0.622	0.02 (-0.06, 0.10)
13740_51	FRZB	sFRP-3	226	0.006	0.021	0.768	0.01 (-0.04, 0.05)	0.923	0.017	0.028	0.043	0.514	0.03 (-0.06, 0.11)	-0.001	0.559	-0.018	0.039	0.647	-0.02 (-0.09, 0.06)	0.000	0.039	0.990	4.96e-04 (-0.08, 0.08)
17805_35	SMNDC1	SPF30	226	0.005	0.018	0.768	0.01 (-0.03, 0.04)	0.923	0.054	0.064	0.040	0.107	0.06 (-0.01, 0.14)	-0.004	0.089	-0.002	0.039	0.969	-1.52e-03 (-0.08, 0.0	0.013	0.038	0.728	0.01 (-0.06, 0.09)
2708_54	TNFSF18	TNFSF18	226	0.006	0.022	0.769	0.01 (-0.04, 0.05)	0.923	0.009	-0.010	0.044	0.813	-0.01 (-0.10, 0.08)	0.001	0.659	0.013	0.042	0.752	0.01 (-0.07, 0.10)	0.034	0.043	0.434	0.03 (-0.05, 0.12)
13963_7	TOLLIP	tollip	226	-0.005	0.018	0.769	-0.01 (-0.04, 0.03)	0.923	0.605	0.007	0.037	0.852	0.01 (-0.06, 0.08)	-0.001	0.702	-0.016	0.036	0.652	-0.02 (-0.09, 0.05)	-0.009	0.036	0.802	-0.01 (-0.08, 0.06)
18863_176	CHST2	CHST2	226	-0.006	0.020	0.771	-0.01 (-0.04, 0.03)	0.924	0.780	0.032	0.039	0.414	0.03 (-0.04, 0.11)	-0.002	0.269	0.037	0.030	0.218	0.04 (-0.02, 0.09)	0.056	0.038	0.149	0.06 (-0.02, 0.13)
3471_49	STK16	STK16	226	-0.006	0.019	0.771	-0.01 (-0.04, 0.03)	0.924	0.446	-0.042	0.039	0.291	-0.04 (-0.12, 0.04)	0.002	0.293	-0.027	0.040	0.502	-0.03 (-0.11, 0.05)	-0.027	0.039	0.488	-0.03 (-0.10, 0.05)
4706_17	EPB41	41	226	-0.005	0.018	0.770	-0.01 (-0.04, 0.03)	0.924	0.657	-0.038	0.036	0.303	-0.04 (-0.11, 0.03)	0.002	0.307	-0.060	0.032	0.058	-0.06 (-0.12, 2.10e-0	-0.076	0.042	0.071	-0.08 (-0.16, 0.01)
10454_99	DNAJC16	DJC16	226	0.005	0.018	0.772	0.01 (-0.03, 0.04)	0.924	0.407	-0.003	0.037	0.940	-2.81e-03 (-0.08, 0.07)	0.001	0.802	-0.014	0.037	0.699	-0.01 (-0.09, 0.06)	0.020	0.039	0.603	0.02 (-0.06, 0.10)
11281_6	GRB7	GRB7	226	0.006	0.019	0.771	0.01 (-0.03, 0.04)	0.924	0.163	-0.039	0.041	0.338	-0.04 (-0.12, 0.04)	0.003	0.207	0.005	0.040	0.909	4.55e-03 (-0.07, 0.0	-0.013	0.043	0.762	-0.01 (-0.10, 0.07)
12872_35	CNGA2	CNGA2	226	-0.006	0.019	0.772	-0.01 (-0.04, 0.03)	0.924	0.141	-0.039	0.041	0.341	-0.04 (-0.12, 0.04)	0.002	0.348	-0.001	0.041	0.986	-7.06e-04 (-0.08, 0.0	-0.013	0.038	0.738	-0.01 (-0.09, 0.06)
15635_4	SMOC2	SMOC2	226	0.006	0.021	0.772	0.01 (-0.04, 0.05)	0.924	0.006	0.012	0.042	0.785	0.01 (-0.07, 0.09)	0.000	0.881	0.013	0.040	0.742	0.01 (-0.06, 0.09)	0.044	0.040	0.274	0.04 (-0.03, 0.12)
17694_32	PSME2	PSME2	226	-0.005	0.019	0.772	-0.01 (-0.04, 0.03)	0.924	0.694	-0.029	0.037	0.434	-0.03 (-0.10, 0.04)	0.001	0.462	-0.034	0.030	0.255	-0.03 (-0.09, 0.02)	-0.066	0.041	0.107	-0.07 (-0.15, 0.01)
3738_54	CSF1	CSF-1	226	0.006	0.022	0.772	0.01 (-0.04, 0.05)	0.924	0.005	0.053	0.044	0.230	0.05 (-0.03, 0.14)	-0.003	0.224	-0.008	0.040	0.842	-0.01 (-0.09, 0.07)	-0.003	0.038	0.946	-2.57e-03 (-0.08, 0.07)
5114_65	PRLR	Prolactin R	226	-0.006	0.019	0.771	-0.01 (-0.04, 0.03)	0.924	0.286	0.061	0.040	0.121	0.06 (-0.02, 0.14)	-0.004	0.052	0.003	0.044	0.947	2.95e-03 (-0.08, 0.0	-0.007	0.044	0.882	-0.01 (-0.09, 0.08)
7257_18	PTH2	TIP39	226	-0.006	0.020	0.772	-0.01 (-0.04, 0.03)	0.924	0.943	-0.018	0.039	0.655	-0.02 (-0.09, 0.06)	0.001	0.727	-0.002	0.042	0.970	-1.59e-03 (-0.08, 0.0	-0.008	0.039	0.839	-0.01 (-0.09, 0.07)
8989_40	SCUBE1	SCUB1	226	0.006	0.020	0.772	0.01 (-0.03, 0.04)	0.924	0.001	0.019	0.040	0.627	0.02 (-0.06, 0.10)	-0.001	0.693	0.044	0.036	0.223	0.04 (-0.03, 0.12)	0.048	0.039	0.217	0.05 (-0.03, 0.12)
9343_16	IL2RB	IL-2 sRb	226	-0.005	0.019	0.772	-0.01 (-0.04, 0.03)	0.924	0.594	0.000	0.038	0.993	3.24e-04 (-0.07, 0.07)	0.000	0.861	-0.059	0.033	0.080	-0.06 (-0.12, 0.01)	-0.053	0.039	0.172	-0.05 (-0.13, 0.02)
2823_7	COMMD7	COMMD7	226	-0.005	0.018	0.773	-0.01 (-0.04, 0.03)	0.925	0.261	0.014	0.038	0.702	0.01 (-0.06, 0.09)	-0.001	0.549	0.011	0.035	0.750	0.01 (-0.06, 0.08)	-0.003	0.035	0.922	-3.43e-03 (-0.07, 0.07)
10767_52	GPR64	GPR64	226	-0.005	0.019	0.776	-0.01 (-0.04, 0.03)	0.925	0.491	0.063	0.038	0.104	0.06 (-0.01, 0.14)	-0.004	0.042	0.023	0.034	0.504	0.02 (-0.04, 0.09)	0.019	0.040	0.641	0.02 (-0.06, 0.10)
10830_5	EFCAB14	K0494	226	-0.006	0.019	0.773	-0.01 (-0.04, 0.03)	0.925	0.753	0.003	0.039	0.936	3.15e-03 (-0.07, 0.08)	-0.001	0.797	-0.004	0.040	0.916	-4.24e-03 (-0.08, 0.0	-0.020	0.040	0.620	-0.02 (-0.10, 0.06)
11338_49	BLK	BLK	226	0.005	0.019	0.779	0.01 (-0.03, 0.04)	0.925	0.565	0.016	0.039	0.681	0.02 (-0.06, 0.09)	-0.001	0.754	-0.013	0.039	0.735	-0.01 (-0.09, 0.06)	-0.007	0.041	0.862	-0.01 (-0.09, 0.07)
12345_4	ANAPC10	APC10	226	0.005	0.018	0.775	0.01 (-0.03, 0.04)	0.925	0.186	0.011	0.038	0.771	0.01 (-0.06, 0.09)	0.000	0.858	-0.040	0.031	0.207	-0.04 (-0.10, 0.02)	-0.038	0.036	0.303	-0.04 (-0.11, 0.03)
12659_13	OLA1	GTPB9	226	0.005	0.017	0.778	4.94e-03 (-0.03, 0.04)	0.925	0.864	-0.012	0.035	0.739	-0.01 (-0.08, 0.06)	0.001	0.586	-0.039	0.033	0.237	-0.04 (-0.10, 0.03)	-0.051	0.037	0.167	-0.05 (-0.12, 0.02)
12711_19	GJA8	CXA8	226	-0.005	0.019	0.778	-0.01 (-0.04, 0.03)	0.925	0.469	0.030	0.039	0.435	0.03 (-0.05, 0.11)	-0.002	0.289	0.029	0.037	0.438	0.03 (-0.04, 0.10)	0.028	0.039	0.472	0.03 (-0.05, 0.11)
13375_48	SYNGR3	SNG3	226	0.006	0.020	0.776	0.01 (-0.03, 0.04)	0.925	0.189	0.023	0.041	0.583	0.02 (-0.06, 0.10)	-0.001	0.634	0.002	0.040	0.956	2.24e-03 (-0.08, 0.0	-0.001	0.040	0.973	-1.36e-03 (-0.08, 0.08)
13567_1	DPYSL2	DPYL2	226	-0.005	0.019	0.779	-0.01 (-0.04, 0.03)	0.925	0.692	-0.036	0.038	0.355	-0.04 (-0.11, 0.04)	0.002	0.365	-0.058	0.033	0.084	-0.06 (-0.12, 0.01)	-0.066	0.043	0.122	-0.07 (-0.15, 0.02)
15376_134	CTSE	CATE	226	-0.005	0.019	0.777	-0.01 (-0.04, 0.03)	0.925	0.106	0.066	0.040	0.105	0.07 (-0.01, 0.14)	-0.004	0.044	0.062	0.033	0.066	0.06 (-3.97e-03, 0.1	0.052	0.040	0.202	0.05 (-0.03, 0.13)
15412_40	BIRC7	KIAP	226	0.005	0.019	0.779	0.01 (-0.03, 0.04)	0.925	0.243	0.073	0.040	0.071	0.07 (-0.01, 0.15)	-0.004	0.055	0.019	0.039	0.618	0.02 (-0.06, 0.10)	0.022	0.045	0.632	0.02 (-0.07, 0.11)
15446_25	NRG1	SMDF	226	-0.006	0.023	0.780	-0.01 (-0.05, 0.04)	0.925	6.79E-05	-0.017	0.047	0.722	-0.02 (-0.11, 0.07)	0.001	0.802	-0.038	0.037	0.296	-0.04 (-0.11, 0.03)	-0.025	0.045	0.582	-0.02 (-0.11, 0.06)
15523_9	ALAD	HEM2	226	-0.005	0.019	0.780	-0.01 (-0.04, 0.03)	0.925	0.853	0.010	0.039	0.789	0.01 (-0.07, 0.09)	-0.001	0.639	-0.033	0.039	0.400	-0.03 (-0.11, 0.04)	-0.044	0.045	0.325	-0.04 (-0.13, 0.04)
16298_84	PLA2G2D	sPLA(2)-IID	226	0.006	0.019	0.776	0.01 (-0.03, 0.04)	0.925	0.480	0.026	0.039	0.513	0.03 (-0.05, 0.10)	-0.001	0.554	0.038	0.032	0.225	0.04 (-0.02, 0.10)	0.065	0.043	0.129	0.07 (-0.02, 0.15)
16322_10	PACAP	PACAP	226	0.006	0.021	0.779	0.01 (-0.03, 0.05)	0.925	0.033	0.000	0.042	0.998	7.97e-05 (-0.08, 0.08)	0.000	0.875	-0.017	0.038	0.665	-0.02 (-0.09, 0.06)	-0.002	0.041	0.957	-2.23e-03 (-0.08, 0.08)
16755_195	GDF3	GDF-3	226	0.006	0.020	0.778	0.01 (-0.03, 0.04)	0.925	0.293	-0.027	0.040	0.497	-0.03 (-0.11, 0.05)	0.002	0.348	0.024	0.040	0.540	0.02 (-0.05, 0.10)	0.022	0.040	0.591	0.02 (-0.06, 0.10)
17209_27	SULT2B1	ST2B1	226	0.006	0.019	0.775	0.01 (-0.03, 0.04)	0.925	0.159	-0.046	0.041	0.258	-0.05 (-0.13, 0.03)	0.003	0.145	0.020	0.041	0.628	0.02 (-0.06, 0.10)	-0.008	0.045	0.854	-0.01 (-0.10, 0.08)
17453_34	CP	Ceruloplas	226	-0.006	0.021	0.778	-0.01 (-0.05, 0.04)	0.925	0.022	-0.048	0.042	0.254	-0.05 (-0.13, 0.03)	0.003	0.249	-0.019	0.039	0.629	-0.02 (-0.10, 0.06)	-0.028	0.041	0.498	-0.03 (-0.11, 0.05)
17466_72	ACSF2	ACSF2	226	0.005	0.018	0.780	4.95e-03 (-0.03, 0.04)	0.925	0.154	0.017	0.037	0.643	0.02 (-0.06, 0.09)	-0.001	0.703	-0.042	0.030	0.169	-0.04 (-0.10, 0.02)	-0.029	0.039	0.469	-0.03 (-0.11, 0.05)
17703_40	GMNN	GEMI	226	-0.005	0.019	0.777	-0.01 (-0.04, 0.03)	0.925	0.880	-0.023	0.039	0.551	-0.02 (-0.10, 0.05)	0.001	0.600	-0.003	0.039	0.939	-3.00e-03 (-0.08, 0.0	0.001	0.042	0.989	5.53e-04 (-0.08, 0.08)
18270_10	TAF10	TAF10	226	-0.005	0.019	0.779	-0.01 (-0.04, 0.03)	0.925	0.091	-0.058	0.041	0.159	-0.06 (-0.14, 0.02)	0.003	0.142	0.015	0.038	0.691	0.02 (-0.06, 0.09)	-0.004	0.039	0.925	-3.69e-03 (-0.08, 0.07)
18389_11	IFNA1	IFNA1	226	0.006	0.020	0.778	0.01 (-0.03, 0.04)	0.925	0.914	-0.023	0.039	0.565	-0.02 (-0.10, 0.05)	0.002	0.410	-0.043	0.036	0.236	-0.04 (-0.11, 0.03)	-0.045	0.043	0.298	-0.04 (-0.13, 0.04)
19187_21	STAMBP	STABP	226	0.005	0.018	0.775	0.01 (-0.03, 0.04)	0.925	0.803	-0.005	0.036	0.891	-0.01 (-0.08, 0.07)	0.001	0.748	-0.025	0.030	0.416	-0.02 (-0.08, 0.03)	-0.041	0.040	0.311	-0.04 (-0.12, 0.04)
19271_64	GNAI1	GNAI1	226	0.005	0.019	0.780	0.01 (-0.03, 0.04)	0.925	0.219	-0.028	0.039	0.474	-0.03 (-0.10, 0.05)	0.002	0.328	-0.014	0.029	0.628	-0.01 (-0.07, 0.04)	-0.041	0.036	0.257	-0.04 (-0.11, 0.03)
2468_62	CCL20	MIP-3a	226	-0.005	0.019	0.779	-0.01 (-0.04, 0.03)	0.925	0.157	-0.011	0.040	0.788	-0.01 (-0.09, 0.07)	0.000	0.876	-0.043	0.035	0.217	-0.04 (-0.11, 0.03)	-0.024	0.040	0.543	-0.02 (-0.10, 0.05)
2780_35	LTF	Lactoferrin	226	0.006	0.021	0.777	0.01 (-0.04, 0.05)	0.925	0.044	-0.025	0.042	0.551	-0.03 (-0.11, 0.06)	0.002	0.396	0.013	0.041	0.741	0.01 (-0.07, 0.09)	0.007	0.044	0.880	0.01 (-0.08, 0.09)
3194_36	GP6	GPVI	226	0.005	0.018	0.778	0.01 (-0.03, 0.04)	0.925	0.835	-0.034	0.036	0.348	-0.03 (-0.10, 0.04)	0.002	0.214	-0.028	0.030	0.345	-0.03 (-0.09, 0.03)	-0.038	0.038	0.317	-0.04 (-0.11, 0.04)
4188_1	AKR7A2	Aflatoxin B1	226	-0.005	0.019	0.778	-0.01 (-0.04, 0.03)	0.925	0.206	-0.017	0.039	0.663	-0.02 (-0.09, 0.06)	0.001	0.729	-0.013	0.031	0.682	-0.01 (-0.07, 0.05)	-0.024	0.039	0.528	-0.02 (-0.10, 0.05)
4693_72	HIBADH	3HIDH	226	0.005	0.019	0.778	0.01 (-0.03, 0.04)	0.925	0.533	-0.021	0.039	0.597	-0.02 (-0.10, 0.06)	0.002	0.441	-0.030	0.037	0.426	-0.03 (-0.10, 0.04)	-0.014	0.038	0.709	-0.01 (-0.09, 0.06)
5204_13	PSME3	PSME3	226	0.005	0.019	0.774	0.01 (-0.03, 0.04)	0.925	0.109	-0.007	0.040	0.867	-0.01 (-0.08, 0.07)	0.001	0.728	-0.017	0.031	0.594	-0.02 (-0.08, 0.04)	-0.005	0.041	0.907	-4.85e-03 (-0.09, 0.08)
6416_8	GKN2	GKN2	226	-0.006	0.021	0.780	-0.01 (-0.05, 0.04)	0.925	0.011	-0.062	0.042	0.142	-0.06 (-0.15, 0.02)	0.004	0.125	0.021	0.035	0.546	0.02 (-0.05, 0.09)	0.012	0.037	0.741	0.01 (-0.06, 0.09)
6629_3	DEFB1	HBD-1	226	0.007	0.026	0.778	0.01 (-0.04, 0.06)	0.925	1.00E-12	0.035	0.053	0.510	0.03 (-0.07, 0.14)	-0.002	0.550	0.031	0.034	0.373	0.03 (-0.04, 0.10)	0.043	0.040	0.279	0.04 (-0.03, 0.12)
7808_5	GLCE	GLCE	226	0.015	0.054	0.775	0.02 (-0.09, 0.12)	0.925	1.59E-234	-0.043	0.108	0.694	-0.04 (-0.25, 0.17)	0.004	0.537	-0.079	0.032	0.013	-0.08 (-0.14, -0.02)	-0.060	0.045	0.187	-0.06 (-0.15, 0.03)
7822_11	HRASLS2	HRSL2	226	-0.005	0.020	0.780	-0.01 (-0.04, 0.03)	0.925	0.931	-0.013	0.039	0.748	-0.01 (-0.09, 0.06)	0.000	0.833	0.011	0.033	0.732	0.01 (-0.05, 0.08)	0.023	0.042	0.585	0.02 (-0.06, 0.11)
8040_9	LEMD1	LEMD1	226	0.005	0.017	0.776	4.97e-03 (-0.03, 0.04)	0.925	0.133	0.001	0.037	0.983	8.01e-04 (-0.07, 0.07)	0.000	0.897	-0.041	0.032	0.201	-0.04 (-0.10, 0.02)	-0.031	0.037	0.415	-0.03 (-0.10, 0.04)
8079_39	EID3	EID3	226	-0.006	0.021	0.774	-0.01 (-0.05, 0.04)	0.925	0.025	-0.031	0.042	0.467	-0.03 (-0.11, 0.05)	0.002	0.501	0.001	0.041	0.986	7.12e-04 (-0.08, 0.0	0.000	0.042	0.999	-5.91e-05 (-0.08, 0.08)
8948_13	ADAM19	ADA19	226	-0.005	0.020	0.780	-0.01 (-0.04, 0.03)	0.925	0.115	-0.013	0.042	0.762	-0.01 (-0.09, 0.07)	0.000	0.844	-0.008	0.032	0.808	-0.01 (-0.07, 0.06)	-0.031	0.043	0.472	-0.03 (-0.11, 0.05)
9831_12	G3BP2	G3BP2	226	0.005	0.018	0.776	0.01 (-0.03, 0.04)	0.925	0.596	-0.008	0.037	0.821	-0.01 (-0.08, 0.06)	0.001	0.673	-0.017	0.030	0.573	-0.02 (-0.08, 0.04)	-0.023	0.039	0.557	-0.02 (-0.10, 0.05)
9889_42	AFAP1L1	AF1L1	226	-0.005	0.020	0.780	-0.01 (-0.04, 0.03)	0.925	0.196	0.040	0.041	0.329	0.04 (-0.04, 0.12)	-0.003	0.202	0.040	0.037	0.277	0.04 (-0.03, 0.11)	0.038	0.041	0.352	0.04 (-0.04, 0.12)
9929_16	HSD17B7	DHB7	226	-0.005	0.019	0.778	-0.01 (-0.04, 0.03)	0.925	0.279	0.006	0.040	0.880	0.01 (-0.07, 0.08)	-0.001	0.741	-0.016	0.039	0.676	-0.02 (-0.09, 0.06)	-0.006	0.039	0.872	-0.01 (-0.08, 0.07)
9864_38	TTC1	TTC1	226	-0.005	0.018	0.781	-0.01 (-0.04, 0.03)	0.925	0.816	-0.013	0.037	0.729	-0.01 (-0.08, 0.06)	0.000	0.810	-0.025	0.030	0.398	-0.03 (-0.08, 0.03)	-0.036	0.038	0.342	-0.04 (-0.11, 0.04)
11094_104	CLC	LPPL	226	0.005	0.019	0.782	0.01 (-0.03, 0.04)	0.926	0.225	-0.075	0.040	0.063	-0.07 (-0.15, 3.62e-03)	0.005	0.022	-0.029	0.033	0.386	-0.03 (-0.09, 0.04)	-0.073	0.046	0.112	-0.07 (-0.16, 0.02)
13575_40	DVL2	DVL2	226	0.005	0.019	0.782	0.01 (-0.03, 0.04)	0.926	0.141	0.025	0.041	0.533	0.03 (-0.05, 0.11)	-0.001	0.570	-0.012	0.039	0.760	-0.01 (-0.09, 0.07)	0.001	0.039	0.985	7.41e-04 (-0.08, 0.08)
14268_4	SRXN1	SRXN1	226	0.005	0.019	0.782	0.01 (-0.03, 0.04)	0.926	0.882	-0.019	0.038	0.619	-0.02 (-0.09, 0.06)	0.002	0.466	0.011	0.040	0.790	0.01 (-0.07, 0.09)	0.007	0.042	0.872	0.01 (-0.08, 0.09)
6467_65	POGLUT1	KTEL1	226	0.005	0.018	0.782	0.01 (-0.03, 0.04)	0.926	0.264	-0.016	0.038	0.677	-0.02 (-0.09, 0.06)	0.001	0.527	-0.028	0.037	0.441	-0.03 (-0.10, 0.04)	-0.008	0.038	0.831	-0.01 (-0.08, 0.07)
11606_22	DNAJB6	DNJB6	226	0.005	0.018	0.783	4.93e-03 (-0.03, 0.04)	0.926	0.378	-0.007	0.037	0.839	-0.01 (-0.08, 0.06)	0.001	0.697	0.003	0.036	0.944	2.54e-03 (-0.07, 0.0	-0.021	0.038	0.570	-0.02 (-0.10, 0.05)
2774_10	IL16	IL-16	226	0.005	0.019	0.783	0.01 (-0.03, 0.04)	0.926	0.261	-0.007	0.040	0.864	-0.01 (-0.09, 0.07)	0.001	0.726	-0.044	0.035	0.218	-0.04 (-0.11, 0.03)	-0.036	0.038	0.343	-0.04 (-0.11, 0.04)
14633_26	TMEM185A	T185A	226	0.006	0.022	0.783	0.01 (-0.04, 0.05)	0.926	0.008	-0.049	0.043	0.256	-0.05 (-0.13, 0.04)	0.003	0.143	-0.005	0.042	0.913	-4.60e-03 (-0.09, 0.0	-0.035	0.042	0.412	-0.03 (-0.12, 0.05)
17697_2	OVCA2	OVCA2	226	0.005	0.018	0.784	4.92e-03 (-0.03, 0.04)	0.927	0.606	0.015	0.036	0.688	0.01 (-0.06, 0.09)	-0.001	0.759	-0.026	0.031	0.402	-0.03 (-0.09, 0.03)	-0.031	0.036	0.386	-0.03 (-0.10, 0.04)
4903_72	PPP3CA	Calcineurin	226	0.005	0.018	0.784	4.92e-03 (-0.03, 0.04)	0.927	0.801	0.025	0.036	0.492	0.02 (-0.05, 0.10)	-0.001	0.526	-0.013	0.032	0.691	-0.01 (-0.08, 0.05)	0.005	0.036	0.887	0.01 (-0.07, 0.08)
7917_17	CPD	CBPD	226	0.006	0.022	0.784	0.01 (-0.04, 0.05)	0.927	0.003	0.005	0.044	0.906	0.01 (-0.08, 0.09)	0.000	0.983	0.009	0.042	0.836	0.01 (-0.07, 0.09)	0.008	0.042	0.854	0.01 (-0.07, 0.09)
12754_14	CSDC2	CSDC2	226	0.005	0.019	0.785	0.01 (-0.03, 0.04)	0.928	0.384	-0.028	0.040	0.479	-0.03 (-0.11, 0.05)	0.002	0.333	0.018	0.041	0.664	0.02 (-0.06, 0.10)	0.032	0.040	0.429	0.03 (-0.05, 0.11)
8556_5	FAM134B	F134B	226	-0.005	0.019	0.785	-0.01 (-0.04, 0.03)	0.928	0.345	0.013	0.039	0.743	0.01 (-0.06, 0.09)	-0.001	0.596	0.032	0.038	0.400	0.03 (-0.04, 0.11)	0.026	0.044	0.558	0.03 (-0.06, 0.11)
12533_135	CYTH2	CYH2	226	-0.005	0.020	0.786	-0.01 (-0.04, 0.03)	0.928	0.406	-0.034	0.040	0.388	-0.03 (-0.11, 0.04)	0.002	0.400	0.035	0.036	0.332	0.04 (-0.04, 0.11)	0.007	0.041	0.855	0.01 (-0.07, 0.09)
12804_5	GMEB2	GMEB2	226	0.005	0.018	0.786	4.90e-03 (-0.03, 0.04)	0.928	0.737	-0.008	0.036	0.836	-0.01 (-0.08, 0.06)	0.001	0.695	-0.011	0.037	0.754	-0.01 (-0.08, 0.06)	-0.016	0.037	0.664	-0.02 (-0.09, 0.06)
13658_31	PDGFC	PDGF-CC	226	-0.005	0.019	0.786	-0.01 (-0.04, 0.03)	0.928	0.529	-0.016	0.038	0.674	-0.02 (-0.09, 0.06)	0.001	0.742	-0.037	0.036	0.297	-0.04 (-0.11, 0.03)	-0.026	0.041	0.526	-0.03 (-0.11, 0.05)
17692_2	BTN3A3	BT3A3	226	0.006	0.022	0.786	0.01 (-0.04, 0.05)	0.928	0.002	0.037	0.045	0.407	0.04 (-0.05, 0.13)	-0.002	0.423	-0.066	0.034	0.052	-0.07 (-0.13, 7.03e-0	-0.066	0.041	0.110	-0.07 (-0.15, 0.01)
5002_76	MMP14	MMP-14	226	-0.006	0.021	0.785	-0.01 (-0.05, 0.04)	0.928	0.031	-0.054	0.042	0.206	-0.05 (-0.14, 0.03)	0.003	0.194	-0.004	0.039	0.919	-3.96e-03 (-0.08, 0.0	0.017	0.038	0.653	0.02 (-0.06, 0.09)
6398_12	LONP1	LONM	226	0.005	0.018	0.786	4.94e-03 (-0.03, 0.04)	0.928	0.372	-0.004	0.037	0.914	-4.00e-03 (-0.08, 0.07)	0.001	0.782	-0.012	0.033	0.717	-0.01 (-0.08, 0.05)	-0.009	0.038	0.814	-0.01 (-0.08, 0.07)
7752_31	CLEC4D	CLC4D	226	0.005	0.020	0.786	0.01 (-0.03, 0.04)	0.928	0.064	-0.019	0.042	0.654	-0.02 (-0.10, 0.06)	0.002	0.509	0.010	0.041	0.817	0.01 (-0.07, 0.09)	0.016	0.046	0.728	0.02 (-0.07, 0.11)
12646_2	RPE	RPE	226	0.005	0.018	0.787	4.98e-03 (-0.03, 0.04)	0.928	0.682	0.001	0.037	0.981	9.07e-04 (-0.07, 0.07)	0.000	0.900	-0.036	0.036	0.323	-0.04 (-0.11, 0.04)	-0.032	0.042	0.454	-0.03 (-0.11, 0.05)
13032_1	BECN1	BECN1	226	0.005	0.019	0.787	0.01 (-0.03, 0.04)	0.928	0.189	-0.054	0.041	0.182	-0.05 (-0.13, 0.03)	0.004	0.092	0.019	0.035	0.577	0.02 (-0.05, 0.09)	0.017	0.040	0.674	0.02 (-0.06, 0.10)
7016_12	GCNT1	GCNT1	226	0.005	0.019	0.787	0.01 (-0.03, 0.04)	0.928	0.305	0.027	0.039	0.485	0.03 (-0.05, 0.10)	-0.001	0.513	0.038	0.036	0.292	0.04 (-0.03, 0.11)	0.038	0.044	0.383	0.04 (-0.05, 0.12)
11212_7	TXNDC5	TXND5	226	0.005	0.019	0.790	0.01 (-0.03, 0.04)	0.929	0.043	-0.021	0.039	0.595	-0.02 (-0.10, 0.06)	0.002	0.445	-0.040	0.031	0.185	-0.04 (-0.10, 0.02)	-0.047	0.040	0.233	-0.05 (-0.12, 0.03)
13609_11	GTF2I	GTF2I	226	-0.005	0.019	0.789	-4.95e-03 (-0.04, 0.03	0.929	0.141	0.041	0.039	0.296	0.04 (-0.04, 0.12)	-0.003	0.177	0.002	0.039	0.966	1.64e-03 (-0.07, 0.0	0.010	0.037	0.782	0.01 (-0.06, 0.08)
17857_6	ACADL	ACADL	226	-0.005	0.019	0.790	-0.01 (-0.04, 0.03)	0.929	0.727	0.008	0.038	0.831	0.01 (-0.07, 0.08)	-0.001	0.691	0.028	0.035	0.431	0.03 (-0.04, 0.10)	0.025	0.039	0.514	0.03 (-0.05, 0.10)
19572_10	CEBPG	CEBPG	226	-0.005	0.019	0.788	-0.01 (-0.04, 0.03)	0.929	0.269	-0.006	0.040	0.886	-0.01 (-0.08, 0.07)	0.000	0.987	0.031	0.039	0.428	0.03 (-0.05, 0.11)	0.017	0.044	0.698	0.02 (-0.07, 0.10)
2750_3	APOA1	Apo A-I	226	0.006	0.022	0.789	0.01 (-0.04, 0.05)	0.929	0.001	0.050	0.043	0.253	0.05 (-0.04, 0.14)	-0.003	0.244	0.029	0.040	0.459	0.03 (-0.05, 0.11)	0.025	0.041	0.538	0.03 (-0.06, 0.11)
2855_49	MAPK3	ERK-1	226	-0.008	0.029	0.790	-0.01 (-0.07, 0.05)	0.929	9.24E-33	0.031	0.059	0.603	0.03 (-0.09, 0.15)	-0.002	0.453	-0.023	0.032	0.482	-0.02 (-0.09, 0.04)	-0.016	0.036	0.651	-0.02 (-0.09, 0.05)
5098_79	KLRF1	KLRF1	226	0.005	0.019	0.789	0.01 (-0.03, 0.04)	0.929	0.990	0.032	0.039	0.417	0.03 (-0.05, 0.11)	-0.002	0.434	0.041	0.036	0.254	0.04 (-0.03, 0.11)	0.036	0.045	0.426	0.04 (-0.05, 0.12)
7894_155	FGF3	FGF-3	226	0.005	0.019	0.789	0.01 (-0.03, 0.04)	0.929	0.725	0.089	0.038	0.019	0.09 (0.02, 0.16)	-0.005	0.011	0.055	0.034	0.105	0.05 (-0.01, 0.12)	0.044	0.040	0.280	0.04 (-0.04, 0.12)
8272_22	HSD17B7	DHB7	226	-0.005	0.020	0.789	-0.01 (-0.04, 0.03)	0.929	0.276	0.015	0.041	0.703	0.02 (-0.06, 0.09)	-0.001	0.556	0.035	0.038	0.366	0.03 (-0.04, 0.11)	0.016	0.041	0.701	0.02 (-0.07, 0.10)
9032_30	ROS1	ROS1	226	0.006	0.021	0.790	0.01 (-0.04, 0.05)	0.929	0.024	-0.026	0.043	0.539	-0.03 (-0.11, 0.06)	0.002	0.390	0.015	0.041	0.718	0.01 (-0.07, 0.10)	-0.020	0.041	0.619	-0.02 (-0.10, 0.06)
8899_75	UGT1A8	UD18	226	-0.005	0.019	0.791	-0.01 (-0.04, 0.03)	0.930	0.220	0.055	0.040	0.170	0.06 (-0.02, 0.13)	-0.004	0.085	-0.005	0.031	0.866	-0.01 (-0.07, 0.06)	0.080	0.050	0.110	0.08 (-0.02, 0.18)
10621_26	PRR16	PRR16	226	-0.005	0.019	0.792	-4.92e-03 (-0.04, 0.03	0.930	0.674	0.009	0.038	0.816	0.01 (-0.07, 0.08)	-0.001	0.676	-0.034	0.037	0.360	-0.03 (-0.11, 0.04)	-0.040	0.041	0.327	-0.04 (-0.12, 0.04)
12522_6	RAD23B	RD23B	226	-0.005	0.019	0.792	-0.01 (-0.04, 0.03)	0.930	0.926	0.008	0.038	0.841	0.01 (-0.07, 0.08)	-0.001	0.703	0.001	0.040	0.987	6.58e-04 (-0.08, 0.0	-0.011	0.038	0.779	-0.01 (-0.09, 0.06)
13493_5	GRID1	GRID1	226	-0.005	0.019	0.793	-0.01 (-0.04, 0.03)	0.930	0.366	-0.034	0.039	0.384	-0.03 (-0.11, 0.04)	0.002	0.392	0.007	0.037	0.855	0.01 (-0.07, 0.08)	-0.020	0.038	0.594	-0.02 (-0.09, 0.05)
14144_3	HIST3H2A	H2A3	226	0.005	0.020	0.793	0.01 (-0.03, 0.04)	0.930	0.033	0.019	0.041	0.637	0.02 (-0.06, 0.10)	-0.001	0.693	-0.002	0.038	0.953	-2.24e-03 (-0.08, 0.0	0.019	0.040	0.626	0.02 (-0.06, 0.10)
14175_78	SCP2D1	SCP2D	226	0.005	0.019	0.793	0.01 (-0.03, 0.04)	0.930	0.398	0.027	0.040	0.503	0.03 (-0.05, 0.10)	-0.001	0.533	0.017	0.035	0.624	0.02 (-0.05, 0.09)	0.026	0.042	0.540	0.03 (-0.06, 0.11)
14291_53	AGAP2	AGAP2	226	0.005	0.018	0.793	4.79e-03 (-0.03, 0.04)	0.930	0.142	-0.021	0.039	0.592	-0.02 (-0.10, 0.05)	0.002	0.448	-0.026	0.034	0.432	-0.03 (-0.09, 0.04)	-0.014	0.039	0.718	-0.01 (-0.09, 0.06)
16606_85	AKR1B1	Aldose redu	226	0.005	0.018	0.793	4.83e-03 (-0.03, 0.04)	0.930	0.269	-0.019	0.038	0.616	-0.02 (-0.09, 0.06)	0.001	0.469	-0.040	0.035	0.250	-0.04 (-0.11, 0.03)	-0.029	0.038	0.451	-0.03 (-0.10, 0.05)
17370_186	ABHD10	ABHDA	226	-0.005	0.018	0.793	-4.68e-03 (-0.04, 0.03	0.930	0.187	0.005	0.037	0.904	4.51e-03 (-0.07, 0.08)	-0.001	0.778	-0.036	0.034	0.296	-0.04 (-0.10, 0.03)	-0.009	0.039	0.812	-0.01 (-0.09, 0.07)
19224_5	EIF1AY	IF1AY	226	-0.005	0.019	0.791	-0.01 (-0.04, 0.03)	0.930	0.859	-0.016	0.038	0.683	-0.02 (-0.09, 0.06)	0.001	0.749	-0.040	0.032	0.206	-0.04 (-0.10, 0.02)	-0.055	0.041	0.183	-0.06 (-0.14, 0.03)
3302_58	CST7	CYTF	226	0.005	0.019	0.792	0.01 (-0.03, 0.04)	0.930	0.424	-0.083	0.039	0.035	-0.08 (-0.16, -0.01)	0.006	0.010	-0.053	0.032	0.102	-0.05 (-0.12, 0.01)	-0.061	0.044	0.163	-0.06 (-0.15, 0.02)
3583_54	ARSA	Arylsulfatas	226	-0.005	0.019	0.792	-0.01 (-0.04, 0.03)	0.930	0.105	-0.015	0.041	0.721	-0.01 (-0.09, 0.07)	0.001	0.787	-0.034	0.035	0.323	-0.03 (-0.10, 0.03)	-0.037	0.041	0.373	-0.04 (-0.12, 0.04)
4126_22	BPI	BPI	226	0.006	0.022	0.793	0.01 (-0.04, 0.05)	0.930	0.001	0.019	0.045	0.665	0.02 (-0.07, 0.11)	-0.001	0.727	0.042	0.034	0.223	0.04 (-0.03, 0.11)	0.039	0.040	0.323	0.04 (-0.04, 0.12)
6245_4	PVRL2	Nectin-2	226	0.005	0.019	0.792	0.01 (-0.03, 0.04)	0.930	0.360	0.017	0.040	0.668	0.02 (-0.06, 0.10)	-0.001	0.729	0.009	0.039	0.819	0.01 (-0.07, 0.09)	0.017	0.042	0.690	0.02 (-0.07, 0.10)
9014_18	TMEM25	TMM25	226	-0.005	0.019	0.793	-0.01 (-0.04, 0.03)	0.930	0.456	-0.035	0.039	0.365	-0.03 (-0.11, 0.04)	0.002	0.372	-0.007	0.040	0.867	-0.01 (-0.08, 0.07)	0.000	0.044	0.995	2.54e-04 (-0.09, 0.09)
7761_125	CHKB	CHKB	226	-0.005	0.019	0.794	-4.88e-03 (-0.04, 0.03	0.930	0.075	0.003	0.040	0.934	3.36e-03 (-0.08, 0.08)	-0.001	0.814	-0.031	0.038	0.421	-0.03 (-0.11, 0.04)	-0.003	0.035	0.931	-3.08e-03 (-0.07, 0.07)
8298_8	SSMEM1	CG045	226	0.005	0.018	0.794	4.65e-03 (-0.03, 0.04)	0.930	0.386	0.033	0.036	0.359	0.03 (-0.04, 0.10)	-0.002	0.363	-0.021	0.032	0.508	-0.02 (-0.08, 0.04)	-0.015	0.037	0.689	-0.01 (-0.09, 0.06)
6210_100	IFNA5	IFNA5	226	0.005	0.019	0.795	0.01 (-0.03, 0.04)	0.931	0.098	-0.045	0.041	0.275	-0.05 (-0.13, 0.04)	0.003	0.162	-0.012	0.039	0.762	-0.01 (-0.09, 0.07)	-0.002	0.045	0.964	-2.03e-03 (-0.09, 0.09)
11433_11	TCTN2	TECT2	226	0.005	0.019	0.795	4.98e-03 (-0.03, 0.04)	0.931	0.197	0.061	0.040	0.128	0.06 (-0.02, 0.14)	-0.004	0.107	0.018	0.040	0.662	0.02 (-0.06, 0.10)	0.027	0.040	0.489	0.03 (-0.05, 0.11)
10761_5	TMED2	TMED2	226	-0.006	0.022	0.796	-0.01 (-0.05, 0.04)	0.931	0.002	-0.004	0.044	0.921	-4.36e-03 (-0.09, 0.08)	0.000	0.974	-0.030	0.040	0.462	-0.03 (-0.11, 0.05)	-0.027	0.043	0.536	-0.03 (-0.11, 0.06)
11364_18	MFN1	MFN1	226	-0.005	0.019	0.796	-0.01 (-0.04, 0.03)	0.931	0.412	0.018	0.039	0.655	0.02 (-0.06, 0.10)	-0.001	0.509	-0.043	0.039	0.261	-0.04 (-0.12, 0.03)	-0.031	0.043	0.468	-0.03 (-0.11, 0.05)
13599_15	RABEPK	RABEK	226	-0.005	0.019	0.796	-0.01 (-0.04, 0.03)	0.931	0.383	-0.033	0.040	0.407	-0.03 (-0.11, 0.04)	0.002	0.418	0.009	0.038	0.809	0.01 (-0.06, 0.08)	-0.016	0.037	0.663	-0.02 (-0.09, 0.06)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
4545_53	DNAJC19	DnaJ homo	226	0.005	0.018	0.797	4.65e-03 (-0.03, 0.04)	0.932	0.249	0.005	0.037	0.897	4.85e-03 (-0.07, 0.08)	0.000	0.995	-0.044	0.031	0.161	-0.04 (-0.11, 0.02)	-0.051	0.038	0.178	-0.05 (-0.13, 0.02)
13482_14	CNOT1	CNOT1	226	-0.005	0.018	0.797	-4.66e-03 (-0.04, 0.03	0.932	0.686	-0.034	0.036	0.347	-0.03 (-0.11, 0.04)	0.002	0.349	-0.049	0.033	0.139	-0.05 (-0.11, 0.02)	-0.040	0.039	0.304	-0.04 (-0.12, 0.04)
9003_99	MARCO	MARCO	226	0.005	0.019	0.797	4.99e-03 (-0.03, 0.04)	0.932	0.192	-0.010	0.041	0.813	-0.01 (-0.09, 0.07)	0.001	0.679	0.007	0.038	0.862	0.01 (-0.07, 0.08)	-0.003	0.038	0.933	-3.25e-03 (-0.08, 0.07)
12358_6	IGBP1	IGBP1	226	0.005	0.018	0.797	4.72e-03 (-0.03, 0.04)	0.932	0.419	0.013	0.037	0.735	0.01 (-0.06, 0.09)	0.000	0.807	-0.030	0.031	0.331	-0.03 (-0.09, 0.03)	-0.051	0.041	0.222	-0.05 (-0.13, 0.03)
7740_33	FATE1	FATE1	226	0.005	0.019	0.797	4.78e-03 (-0.03, 0.04)	0.932	0.580	0.029	0.038	0.442	0.03 (-0.04, 0.10)	-0.002	0.460	0.025	0.038	0.518	0.02 (-0.05, 0.10)	0.014	0.036	0.699	0.01 (-0.06, 0.08)
4280_47	PSMA2	PSA2	226	0.006	0.021	0.798	0.01 (-0.04, 0.05)	0.932	0.006	-0.019	0.043	0.660	-0.02 (-0.10, 0.07)	0.002	0.514	0.011	0.040	0.776	0.01 (-0.07, 0.09)	0.032	0.042	0.450	0.03 (-0.05, 0.11)
17331_138	KREMEN1	KREM1	226	0.006	0.023	0.798	0.01 (-0.04, 0.05)	0.932	8.81E-06	0.059	0.046	0.202	0.06 (-0.03, 0.15)	-0.003	0.186	-0.023	0.040	0.569	-0.02 (-0.10, 0.06)	0.001	0.042	0.975	1.32e-03 (-0.08, 0.08)
5888_29	EIF5A	eIF-5A-1	226	-0.005	0.018	0.798	-4.69e-03 (-0.04, 0.03	0.932	0.674	0.012	0.037	0.752	0.01 (-0.06, 0.08)	-0.001	0.610	-0.022	0.032	0.485	-0.02 (-0.09, 0.04)	-0.021	0.035	0.543	-0.02 (-0.09, 0.05)
6528_95	EXTL2	EXTL2	226	0.006	0.022	0.799	0.01 (-0.04, 0.05)	0.932	0.010	-0.029	0.043	0.509	-0.03 (-0.11, 0.06)	0.002	0.365	-0.028	0.040	0.484	-0.03 (-0.11, 0.05)	-0.041	0.039	0.293	-0.04 (-0.12, 0.04)
11465_4	GPR135	GP135	226	-0.005	0.020	0.801	-4.93e-03 (-0.04, 0.03	0.933	0.183	-0.078	0.041	0.056	-0.08 (-0.16, 1.72e-03)	0.005	0.040	-0.042	0.035	0.237	-0.04 (-0.11, 0.03)	-0.048	0.041	0.233	-0.05 (-0.13, 0.03)
11827_7	RORC	RORG	226	-0.005	0.019	0.801	-4.83e-03 (-0.04, 0.03	0.933	0.107	0.023	0.041	0.574	0.02 (-0.06, 0.10)	-0.002	0.434	-0.031	0.038	0.417	-0.03 (-0.10, 0.04)	-0.018	0.045	0.694	-0.02 (-0.11, 0.07)
12475_48	CLIC5	CLIC5	226	0.005	0.020	0.801	0.01 (-0.03, 0.04)	0.933	0.002	0.039	0.040	0.338	0.04 (-0.04, 0.12)	-0.002	0.337	-0.006	0.035	0.854	-0.01 (-0.08, 0.06)	-0.021	0.036	0.556	-0.02 (-0.09, 0.05)
14670_1	SKIL	SKIL	226	0.004	0.017	0.800	4.42e-03 (-0.03, 0.04)	0.933	0.360	-0.015	0.036	0.675	-0.01 (-0.08, 0.05)	0.001	0.532	-0.006	0.036	0.876	-0.01 (-0.08, 0.06)	0.005	0.038	0.897	4.88e-03 (-0.07, 0.08)
17400_71	ACOT8	ACOT8	226	0.005	0.019	0.800	4.72e-03 (-0.03, 0.04)	0.933	0.178	-0.008	0.039	0.836	-0.01 (-0.08, 0.07)	0.001	0.706	-0.036	0.035	0.314	-0.04 (-0.10, 0.03)	-0.036	0.037	0.337	-0.04 (-0.11, 0.04)
17686_27	TBCB	TBCB	226	-0.005	0.019	0.800	-4.85e-03 (-0.04, 0.03	0.933	0.938	0.047	0.039	0.225	0.05 (-0.03, 0.12)	-0.003	0.123	-0.024	0.038	0.534	-0.02 (-0.10, 0.05)	-0.028	0.035	0.438	-0.03 (-0.10, 0.04)
4543_65	COL23A1	CONA1	226	0.005	0.018	0.801	4.50e-03 (-0.03, 0.04)	0.933	0.122	-0.025	0.038	0.514	-0.02 (-0.10, 0.05)	0.002	0.375	-0.034	0.029	0.253	-0.03 (-0.09, 0.02)	-0.046	0.039	0.248	-0.05 (-0.12, 0.03)
4907_56	FGA	D-dimer	226	-0.006	0.023	0.800	-0.01 (-0.05, 0.04)	0.933	2.85E-05	-0.058	0.046	0.202	-0.06 (-0.15, 0.03)	0.003	0.185	0.010	0.037	0.784	0.01 (-0.06, 0.08)	-0.027	0.042	0.519	-0.03 (-0.11, 0.05)
6086_15	CHRDL2	CRDL2	226	-0.005	0.019	0.800	-4.75e-03 (-0.04, 0.03	0.933	0.405	-0.036	0.038	0.347	-0.04 (-0.11, 0.04)	0.002	0.348	-0.027	0.034	0.433	-0.03 (-0.09, 0.04)	-0.006	0.044	0.890	-0.01 (-0.09, 0.08)
7980_72	B3GNT2	B3GN2	226	0.008	0.030	0.801	0.01 (-0.05, 0.07)	0.933	1.85E-29	0.110	0.060	0.068	0.11 (-0.01, 0.23)	-0.006	0.051	0.034	0.040	0.391	0.03 (-0.04, 0.11)	0.055	0.042	0.194	0.05 (-0.03, 0.14)
8045_3	KIR3DL3	KI3L3	226	-0.005	0.020	0.801	-4.93e-03 (-0.04, 0.03	0.933	0.227	-0.007	0.041	0.864	-0.01 (-0.09, 0.07)	0.000	0.954	-0.014	0.042	0.745	-0.01 (-0.10, 0.07)	-0.002	0.047	0.966	-2.00e-03 (-0.09, 0.09)
8346_9	DPP7	DPP2	226	0.005	0.019	0.801	4.69e-03 (-0.03, 0.04)	0.933	0.420	0.008	0.038	0.843	0.01 (-0.07, 0.08)	0.000	0.931	0.010	0.036	0.790	0.01 (-0.06, 0.08)	-0.003	0.037	0.936	-2.98e-03 (-0.08, 0.07)
12462_20	SETMAR	SETMR	226	-0.005	0.019	0.802	-4.86e-03 (-0.04, 0.03	0.933	0.532	0.050	0.039	0.202	0.05 (-0.03, 0.13)	-0.003	0.107	0.035	0.039	0.370	0.04 (-0.04, 0.11)	0.029	0.044	0.509	0.03 (-0.06, 0.12)
14011_17	S100A11	S100A11	226	-0.005	0.019	0.802	-4.88e-03 (-0.04, 0.03	0.933	0.168	-0.006	0.041	0.877	-0.01 (-0.09, 0.07)	0.000	0.967	-0.002	0.043	0.963	-2.04e-03 (-0.09, 0.	0.013	0.049	0.785	0.01 (-0.08, 0.11)
3489_9	CNTF	CNTF	226	-0.005	0.019	0.802	-4.70e-03 (-0.04, 0.03	0.933	0.915	-0.021	0.038	0.578	-0.02 (-0.09, 0.05)	0.001	0.619	-0.031	0.039	0.425	-0.03 (-0.11, 0.05)	-0.046	0.041	0.261	-0.05 (-0.13, 0.03)
13094_75	RSPO3	RSPO3	226	-0.006	0.022	0.803	-0.01 (-0.05, 0.04)	0.934	7.38E-05	-0.023	0.045	0.617	-0.02 (-0.11, 0.07)	0.001	0.665	-0.013	0.039	0.749	-0.01 (-0.09, 0.06)	-0.018	0.037	0.621	-0.02 (-0.09, 0.05)
17722_5	FKBP4	FKBP52 pr	226	0.005	0.019	0.803	4.76e-03 (-0.03, 0.04)	0.934	0.936	-0.030	0.038	0.442	-0.03 (-0.10, 0.05)	0.002	0.304	-0.035	0.033	0.285	-0.04 (-0.10, 0.03)	-0.044	0.040	0.278	-0.04 (-0.12, 0.03)
18285_6	SVIP	SVIP	226	0.005	0.020	0.803	4.86e-03 (-0.03, 0.04)	0.934	0.583	-0.035	0.039	0.380	-0.03 (-0.11, 0.04)	0.002	0.249	-0.002	0.040	0.952	-2.39e-03 (-0.08, 0.	-0.001	0.037	0.976	-1.13e-03 (-0.07, 0.07)
19258_24	GCDH	GCDH	226	-0.005	0.022	0.803	-0.01 (-0.05, 0.04)	0.934	9.34E-06	-0.003	0.044	0.950	-2.76e-03 (-0.09, 0.08)	0.000	0.944	-0.041	0.032	0.202	-0.04 (-0.10, 0.02)	-0.035	0.040	0.381	-0.04 (-0.11, 0.04)
6713_4	LRP11	LRP11	226	-0.005	0.019	0.804	-4.76e-03 (-0.04, 0.03	0.934	0.210	0.053	0.040	0.182	0.05 (-0.02, 0.13)	-0.004	0.094	0.032	0.035	0.353	0.03 (-0.04, 0.10)	0.032	0.039	0.414	0.03 (-0.04, 0.11)
11516_7	FABP1	FABPL	226	0.005	0.021	0.804	0.01 (-0.04, 0.05)	0.934	0.028	0.020	0.042	0.636	0.02 (-0.06, 0.10)	-0.001	0.687	0.005	0.037	0.885	0.01 (-0.07, 0.08)	0.004	0.039	0.921	3.85e-03 (-0.07, 0.08)
12381_26	CBR1	CBR1	226	-0.005	0.022	0.805	-0.01 (-0.05, 0.04)	0.935	0.008	0.031	0.044	0.482	0.03 (-0.05, 0.12)	-0.002	0.342	0.010	0.040	0.805	0.01 (-0.07, 0.09)	-0.003	0.044	0.949	-2.83e-03 (-0.09, 0.08)
8845_2	ADAMTS3	ATS3	226	-0.005	0.019	0.805	-4.78e-03 (-0.04, 0.03	0.935	0.586	0.026	0.039	0.500	0.03 (-0.05, 0.10)	-0.002	0.359	0.008	0.041	0.845	0.01 (-0.07, 0.09)	-0.014	0.042	0.731	-0.01 (-0.10, 0.07)
13574_50	RND1	RND1	226	0.005	0.021	0.806	0.01 (-0.04, 0.05)	0.936	0.016	-0.044	0.043	0.311	-0.04 (-0.13, 0.04)	0.003	0.191	0.026	0.040	0.508	0.03 (-0.05, 0.10)	-0.009	0.045	0.833	-0.01 (-0.10, 0.08)
10589_7	RAET1L	RET1L	226	-0.005	0.020	0.807	-4.79e-03 (-0.04, 0.03	0.936	0.337	-0.005	0.040	0.906	-4.75e-03 (-0.08, 0.07)	0.000	0.999	-0.010	0.042	0.804	-0.01 (-0.09, 0.07)	-0.025	0.043	0.560	-0.03 (-0.11, 0.06)
10933_107	CALN1	CABP8	226	0.005	0.020	0.806	4.78e-03 (-0.03, 0.04)	0.936	0.179	-0.005	0.041	0.896	-0.01 (-0.09, 0.08)	0.001	0.776	0.007	0.041	0.863	0.01 (-0.07, 0.09)	0.004	0.041	0.926	3.84e-03 (-0.08, 0.08)
8903_1	COX6C	COX6C	226	0.005	0.022	0.807	0.01 (-0.04, 0.05)	0.936	2.13E-04	0.056	0.045	0.212	0.06 (-0.03, 0.14)	-0.003	0.194	0.006	0.033	0.843	0.01 (-0.06, 0.07)	0.053	0.044	0.232	0.05 (-0.03, 0.14)
13062_4	GMFG	GMFG	226	0.005	0.019	0.807	4.61e-03 (-0.03, 0.04)	0.936	0.480	-0.007	0.038	0.853	-0.01 (-0.08, 0.07)	0.001	0.724	-0.024	0.039	0.536	-0.02 (-0.10, 0.05)	-0.026	0.041	0.528	-0.03 (-0.11, 0.05)
15440_57	PCSK2	NEC2	226	-0.005	0.019	0.807	-4.74e-03 (-0.04, 0.03	0.936	0.156	-0.011	0.041	0.791	-0.01 (-0.09, 0.07)	0.000	0.863	-0.026	0.035	0.459	-0.03 (-0.09, 0.04)	-0.014	0.039	0.729	-0.01 (-0.09, 0.06)
17172_19	STATH	STAT	226	-0.005	0.020	0.807	-4.77e-03 (-0.04, 0.03	0.936	0.067	0.028	0.042	0.510	0.03 (-0.05, 0.11)	-0.002	0.374	-0.024	0.035	0.481	-0.02 (-0.09, 0.04)	-0.007	0.042	0.874	-0.01 (-0.09, 0.08)
10530_8	PSMB6	PSB6	226	-0.005	0.019	0.808	-4.73e-03 (-0.04, 0.03	0.936	0.534	0.026	0.039	0.510	0.03 (-0.05, 0.10)	-0.002	0.369	0.020	0.040	0.615	0.02 (-0.06, 0.10)	0.019	0.041	0.642	0.02 (-0.06, 0.10)
12650_43	GNAI3	GNAI3	226	-0.005	0.019	0.809	-4.59e-03 (-0.04, 0.03	0.937	0.213	0.013	0.040	0.752	0.01 (-0.07, 0.09)	-0.001	0.619	-0.018	0.039	0.645	-0.02 (-0.10, 0.06)	-0.023	0.039	0.549	-0.02 (-0.10, 0.05)
13969_24	KPNA6	IMA7	226	0.004	0.018	0.809	4.41e-03 (-0.03, 0.04)	0.937	0.572	0.011	0.037	0.766	0.01 (-0.06, 0.08)	0.000	0.838	-0.042	0.032	0.198	-0.04 (-0.11, 0.02)	-0.024	0.039	0.544	-0.02 (-0.10, 0.05)
17737_7	IVD	IVD	226	-0.004	0.018	0.810	-4.43e-03 (-0.04, 0.03	0.937	0.087	0.002	0.039	0.963	1.84e-03 (-0.08, 0.08)	0.000	0.855	-0.028	0.036	0.449	-0.03 (-0.10, 0.04)	-0.021	0.042	0.615	-0.02 (-0.10, 0.06)
17778_19	RAB32	RAB32	226	0.004	0.018	0.810	4.26e-03 (-0.03, 0.04)	0.937	0.305	-0.002	0.037	0.948	-2.37e-03 (-0.07, 0.07)	0.000	0.835	0.009	0.031	0.761	0.01 (-0.05, 0.07)	0.007	0.039	0.861	0.01 (-0.07, 0.08)
19207_119	ADK	ADK	226	0.004	0.019	0.809	4.48e-03 (-0.03, 0.04)	0.937	0.122	0.029	0.040	0.462	0.03 (-0.05, 0.11)	-0.002	0.474	0.000	0.039	0.993	-3.30e-04 (-0.08, 0.	0.012	0.042	0.768	0.01 (-0.07, 0.09)
5727_35	B3GALTL	B3GLT	226	0.004	0.019	0.809	4.49e-03 (-0.03, 0.04)	0.937	0.858	-0.007	0.038	0.849	-0.01 (-0.08, 0.07)	0.001	0.722	0.004	0.037	0.915	3.96e-03 (-0.07, 0.0	-0.022	0.037	0.563	-0.02 (-0.09, 0.05)
6518_85	GHRL	ghrelin	226	0.004	0.018	0.809	4.39e-03 (-0.03, 0.04)	0.937	0.318	-0.048	0.037	0.199	-0.05 (-0.12, 0.03)	0.003	0.106	-0.005	0.030	0.868	-4.92e-03 (-0.06, 0.	-0.032	0.041	0.429	-0.03 (-0.11, 0.05)
8046_9	LGALS1	Galectin-1	226	-0.005	0.020	0.809	-4.70e-03 (-0.04, 0.03	0.937	0.962	0.056	0.039	0.159	0.06 (-0.02, 0.13)	-0.004	0.079	0.029	0.041	0.486	0.03 (-0.05, 0.11)	0.040	0.043	0.358	0.04 (-0.04, 0.12)
9335_28	PSG9	PSG9	226	0.005	0.019	0.810	4.58e-03 (-0.03, 0.04)	0.937	0.711	0.019	0.038	0.621	0.02 (-0.06, 0.09)	-0.001	0.666	0.004	0.040	0.920	4.06e-03 (-0.08, 0.0	0.005	0.040	0.894	0.01 (-0.07, 0.08)
14283_12	RAB14	RAB14	226	0.005	0.021	0.810	0.01 (-0.04, 0.05)	0.937	0.014	0.013	0.042	0.754	0.01 (-0.07, 0.10)	-0.001	0.823	-0.005	0.042	0.910	-4.82e-03 (-0.09, 0.	-0.011	0.043	0.794	-0.01 (-0.10, 0.07)
11468_15	RBM19	RBM19	226	-0.005	0.019	0.811	-4.62e-03 (-0.04, 0.03	0.937	0.635	0.047	0.039	0.223	0.05 (-0.03, 0.12)	-0.003	0.124	0.032	0.039	0.416	0.03 (-0.04, 0.11)	0.037	0.040	0.363	0.04 (-0.04, 0.12)
11263_57	CASQ1	CASQ1	226	-0.005	0.022	0.811	-0.01 (-0.05, 0.04)	0.937	0.001	-0.006	0.045	0.901	-0.01 (-0.09, 0.08)	0.000	0.994	0.044	0.040	0.271	0.04 (-0.03, 0.12)	0.045	0.040	0.255	0.05 (-0.03, 0.12)
12703_6	NEK7	NEK7	226	0.004	0.019	0.812	4.49e-03 (-0.03, 0.04)	0.937	0.660	0.017	0.038	0.658	0.02 (-0.06, 0.09)	-0.001	0.708	-0.011	0.032	0.741	-0.01 (-0.07, 0.05)	-0.010	0.041	0.808	-0.01 (-0.09, 0.07)
4209_60	VTA1	DRG-1	226	0.004	0.018	0.811	4.35e-03 (-0.03, 0.04)	0.937	0.908	0.003	0.037	0.931	3.19e-03 (-0.07, 0.08)	0.000	0.971	-0.014	0.031	0.648	-0.01 (-0.08, 0.05)	-0.016	0.039	0.691	-0.02 (-0.09, 0.06)
5885_55	EIF4H	eIF-4H	226	0.004	0.018	0.812	4.37e-03 (-0.03, 0.04)	0.937	0.696	-0.028	0.037	0.455	-0.03 (-0.10, 0.04)	0.002	0.319	-0.027	0.034	0.427	-0.03 (-0.09, 0.04)	-0.016	0.040	0.683	-0.02 (-0.09, 0.06)
11327_56	CLK2	CLK2	226	-0.005	0.019	0.812	-4.57e-03 (-0.04, 0.03	0.938	0.178	-0.085	0.040	0.034	-0.09 (-0.16, -0.01)	0.005	0.021	-0.028	0.042	0.500	-0.03 (-0.11, 0.05)	-0.033	0.040	0.402	-0.03 (-0.11, 0.04)
14674_63	PACSIN3	PACN3	226	0.004	0.019	0.812	4.48e-03 (-0.03, 0.04)	0.938	0.643	0.013	0.038	0.724	0.01 (-0.06, 0.09)	-0.001	0.787	-0.009	0.038	0.811	-0.01 (-0.08, 0.07)	-0.016	0.042	0.696	-0.02 (-0.10, 0.07)
16809_1	NME4	NDKM	226	0.005	0.020	0.813	4.68e-03 (-0.03, 0.04)	0.938	0.042	0.000	0.040	0.992	3.77e-04 (-0.08, 0.08)	0.000	0.901	-0.025	0.036	0.490	-0.03 (-0.10, 0.05)	-0.015	0.040	0.703	-0.02 (-0.09, 0.06)
3845_51	DYNLRB1	DLRB1	226	0.004	0.019	0.813	4.43e-03 (-0.03, 0.04)	0.938	0.895	-0.015	0.038	0.687	-0.02 (-0.09, 0.06)	0.001	0.549	-0.029	0.030	0.340	-0.03 (-0.09, 0.03)	-0.046	0.041	0.260	-0.05 (-0.13, 0.03)
4500_50	CLEC11A	SCGF-alph	226	-0.005	0.022	0.813	-0.01 (-0.05, 0.04)	0.938	0.003	-0.024	0.044	0.590	-0.02 (-0.11, 0.06)	0.001	0.627	-0.059	0.031	0.060	-0.06 (-0.12, 2.46e-	-0.051	0.037	0.169	-0.05 (-0.12, 0.02)
13498_1	MIOX	MIOX	226	-0.005	0.021	0.815	-4.95e-03 (-0.05, 0.04	0.939	0.023	0.012	0.043	0.787	0.01 (-0.07, 0.10)	-0.001	0.657	0.043	0.038	0.256	0.04 (-0.03, 0.12)	0.034	0.038	0.376	0.03 (-0.04, 0.11)
15381_45	DDR2	Discoidin d	226	-0.005	0.020	0.814	-4.61e-03 (-0.04, 0.03	0.939	0.038	-0.049	0.039	0.215	-0.05 (-0.13, 0.03)	0.003	0.196	-0.038	0.036	0.298	-0.04 (-0.11, 0.03)	-0.028	0.037	0.448	-0.03 (-0.10, 0.04)
17736_105	APTX	APTX	226	0.004	0.019	0.814	4.34e-03 (-0.03, 0.04)	0.939	0.817	0.018	0.037	0.635	0.02 (-0.06, 0.09)	-0.001	0.680	0.052	0.031	0.092	0.05 (-0.01, 0.11)	0.047	0.040	0.233	0.05 (-0.03, 0.12)
18387_7	ST13	suppressio	226	-0.005	0.020	0.815	-4.58e-03 (-0.04, 0.03	0.939	0.707	-0.039	0.039	0.322	-0.04 (-0.12, 0.04)	0.002	0.313	-0.027	0.042	0.516	-0.03 (-0.11, 0.06)	-0.058	0.043	0.174	-0.06 (-0.14, 0.03)
3210_1	METAP1	METAP1	226	-0.004	0.017	0.815	-3.98e-03 (-0.04, 0.03	0.939	0.873	0.000	0.034	0.996	1.69e-04 (-0.07, 0.07)	0.000	0.889	0.002	0.036	0.947	2.41e-03 (-0.07, 0.0	0.007	0.036	0.851	0.01 (-0.06, 0.08)
3852_19	DNAJB1	HSP 40	226	0.004	0.018	0.815	4.18e-03 (-0.03, 0.04)	0.939	0.550	-0.021	0.036	0.559	-0.02 (-0.09, 0.05)	0.002	0.420	-0.028	0.034	0.424	-0.03 (-0.10, 0.04)	-0.020	0.037	0.582	-0.02 (-0.09, 0.05)
10672_75	SFTPB	SP-B	226	-0.004	0.019	0.816	-4.44e-03 (-0.04, 0.03	0.940	0.526	0.001	0.038	0.971	1.42e-03 (-0.07, 0.08)	0.000	0.861	0.024	0.032	0.457	0.02 (-0.04, 0.09)	0.037	0.042	0.378	0.04 (-0.05, 0.12)
18158_45	CASP8	Caspase-8	226	-0.005	0.020	0.816	-4.55e-03 (-0.04, 0.03	0.940	0.525	-0.043	0.039	0.271	-0.04 (-0.12, 0.03)	0.002	0.257	-0.015	0.040	0.710	-0.01 (-0.09, 0.06)	-0.015	0.046	0.746	-0.02 (-0.11, 0.08)
6593_5	GALNT3	GALT3	226	0.005	0.021	0.817	4.76e-03 (-0.04, 0.05)	0.940	0.030	0.058	0.041	0.160	0.06 (-0.02, 0.14)	-0.003	0.137	0.015	0.039	0.690	0.02 (-0.06, 0.09)	0.015	0.040	0.698	0.02 (-0.06, 0.09)
12726_3	RFXAP	RFXAP	226	0.004	0.019	0.817	4.29e-03 (-0.03, 0.04)	0.940	0.248	0.035	0.038	0.363	0.04 (-0.04, 0.11)	-0.002	0.358	-0.044	0.030	0.147	-0.04 (-0.10, 0.02)	-0.052	0.037	0.157	-0.05 (-0.12, 0.02)
12661_44	GABARAPL	GBRL1	226	-0.004	0.018	0.818	-4.16e-03 (-0.04, 0.03	0.940	0.285	-0.055	0.037	0.140	-0.06 (-0.13, 0.02)	0.003	0.117	-0.048	0.035	0.170	-0.05 (-0.12, 0.02)	-0.026	0.042	0.533	-0.03 (-0.11, 0.06)
14094_29	HBEGF	HB-EGF	226	0.005	0.024	0.817	0.01 (-0.04, 0.05)	0.940	1.98E-09	0.023	0.048	0.627	0.02 (-0.07, 0.12)	-0.001	0.669	0.007	0.037	0.861	0.01 (-0.07, 0.08)	0.015	0.040	0.705	0.02 (-0.06, 0.09)
14153_8	EFNA3	Ephrin-A3	226	0.004	0.019	0.818	4.42e-03 (-0.03, 0.04)	0.940	0.273	0.111	0.039	0.005	0.11 (0.03, 0.19)	-0.007	0.002	0.022	0.039	0.580	0.02 (-0.06, 0.10)	0.016	0.043	0.715	0.02 (-0.07, 0.10)
9060_27	IGSF9B	TUTLB	226	0.004	0.019	0.818	4.34e-03 (-0.03, 0.04)	0.940	0.505	0.033	0.038	0.388	0.03 (-0.04, 0.11)	-0.002	0.388	0.012	0.040	0.767	0.01 (-0.07, 0.09)	0.005	0.040	0.897	0.01 (-0.07, 0.08)
10582_36	POMK	SG196	226	-0.004	0.019	0.819	-4.44e-03 (-0.04, 0.03	0.940	0.255	-0.046	0.040	0.257	-0.05 (-0.12, 0.03)	0.003	0.238	0.001	0.041	0.972	1.45e-03 (-0.08, 0.0	0.006	0.039	0.876	0.01 (-0.07, 0.08)
10848_137	BTNL3	BTNL3	226	0.004	0.019	0.820	4.41e-03 (-0.03, 0.04)	0.940	0.438	0.027	0.039	0.489	0.03 (-0.05, 0.10)	-0.001	0.503	0.043	0.037	0.251	0.04 (-0.03, 0.12)	0.035	0.039	0.372	0.03 (-0.04, 0.11)
11325_8	BTG2	BTG2	226	-0.004	0.020	0.818	-4.48e-03 (-0.04, 0.03	0.940	0.193	-0.015	0.041	0.711	-0.02 (-0.10, 0.07)	0.001	0.764	0.026	0.036	0.466	0.03 (-0.04, 0.10)	0.018	0.041	0.660	0.02 (-0.06, 0.10)
11699_16	PTP4A2	TP4A2	226	-0.004	0.018	0.819	-4.18e-03 (-0.04, 0.03	0.940	0.654	-0.027	0.037	0.461	-0.03 (-0.10, 0.05)	0.001	0.472	-0.030	0.036	0.402	-0.03 (-0.10, 0.04)	-0.014	0.040	0.734	-0.01 (-0.09, 0.07)
12557_18	NOVA1	NOVA1	226	-0.004	0.020	0.819	-4.46e-03 (-0.04, 0.03	0.940	0.468	0.022	0.039	0.583	0.02 (-0.06, 0.10)	-0.002	0.445	-0.010	0.035	0.786	-0.01 (-0.08, 0.06)	-0.010	0.038	0.792	-0.01 (-0.08, 0.06)
13490_1	MPP6	MPP6	226	0.004	0.019	0.819	4.28e-03 (-0.03, 0.04)	0.940	0.105	-0.009	0.040	0.830	-0.01 (-0.09, 0.07)	0.001	0.711	-0.010	0.040	0.809	-0.01 (-0.09, 0.07)	-0.005	0.041	0.894	-0.01 (-0.08, 0.07)
13535_2	COL4A3BP	C43BP	226	-0.004	0.018	0.821	-4.07e-03 (-0.04, 0.03	0.940	0.745	-0.042	0.036	0.252	-0.04 (-0.11, 0.03)	0.002	0.234	-0.025	0.038	0.508	-0.02 (-0.10, 0.05)	-0.024	0.036	0.506	-0.02 (-0.09, 0.05)
15612_5	LIN7B	LIN7B	226	0.004	0.019	0.822	4.21e-03 (-0.03, 0.04)	0.940	0.370	0.006	0.038	0.883	0.01 (-0.07, 0.08)	0.000	0.966	-0.035	0.036	0.322	-0.04 (-0.11, 0.03)	-0.044	0.036	0.229	-0.04 (-0.12, 0.03)
18156_7	ATG3	ATG3	226	-0.004	0.019	0.821	-4.40e-03 (-0.04, 0.03	0.940	0.131	0.001	0.041	0.986	7.14e-04 (-0.08, 0.08)	0.000	0.887	-0.020	0.040	0.610	-0.02 (-0.10, 0.06)	-0.020	0.043	0.644	-0.02 (-0.10, 0.06)
19154_41	SERPINE2	Protease ne	226	0.004	0.018	0.821	4.16e-03 (-0.03, 0.04)	0.940	0.633	-0.047	0.037	0.200	-0.05 (-0.12, 0.02)	0.003	0.109	-0.016	0.032	0.613	-0.02 (-0.08, 0.05)	-0.012	0.038	0.744	-0.01 (-0.09, 0.06)
2760_2	FAM107A	DRR1	226	0.004	0.019	0.822	4.39e-03 (-0.03, 0.04)	0.940	0.129	-0.025	0.041	0.551	-0.02 (-0.11, 0.06)	0.002	0.419	0.032	0.038	0.397	0.03 (-0.04, 0.11)	0.022	0.044	0.625	0.02 (-0.07, 0.11)
3005_5	PTPN1	PTP-1B	226	-0.004	0.018	0.819	-4.22e-03 (-0.04, 0.03	0.940	0.513	-0.061	0.037	0.104	-0.06 (-0.13, 0.01)	0.004	0.081	-0.033	0.037	0.379	-0.03 (-0.11, 0.04)	-0.036	0.040	0.368	-0.04 (-0.11, 0.04)
3470_1	SELE	sE-Selectin	226	-0.017	0.076	0.820	-0.02 (-0.17, 0.13)	0.940	0.00E+00	0.046	0.154	0.765	0.05 (-0.25, 0.35)	-0.004	0.635	0.050	0.039	0.201	0.05 (-0.03, 0.13)	0.046	0.041	0.259	0.05 (-0.03, 0.13)
4154_57	SELP	P-Selectin	226	-0.005	0.021	0.819	-4.87e-03 (-0.05, 0.04	0.940	5.30E-05	-0.011	0.043	0.800	-0.01 (-0.10, 0.07)	0.000	0.871	-0.004	0.030	0.894	-4.06e-03 (-0.06, 0.	-0.009	0.037	0.818	-0.01 (-0.08, 0.06)
4556_10	IL34	IL-34	226	0.004	0.019	0.822	4.28e-03 (-0.03, 0.04)	0.940	0.292	-0.048	0.039	0.217	-0.05 (-0.13, 0.03)	0.003	0.122	0.000	0.041	0.991	4.68e-04 (-0.08, 0.0	-0.021	0.040	0.598	-0.02 (-0.10, 0.06)
5178_5	PDE7A	PDE7A	226	0.004	0.019	0.822	4.34e-03 (-0.03, 0.04)	0.940	0.264	-0.005	0.040	0.908	-4.62e-03 (-0.08, 0.07)	0.001	0.797	-0.036	0.039	0.358	-0.04 (-0.11, 0.04)	-0.025	0.041	0.541	-0.03 (-0.11, 0.06)
7191_32	SLMAP	SLMAP	226	0.004	0.019	0.820	4.28e-03 (-0.03, 0.04)	0.940	0.241	-0.012	0.039	0.759	-0.01 (-0.09, 0.06)	0.001	0.632	0.006	0.038	0.874	0.01 (-0.07, 0.08)	0.019	0.041	0.638	0.02 (-0.06, 0.10)
7201_5	ISCU	ISCU	226	-0.004	0.019	0.819	-4.44e-03 (-0.04, 0.03	0.940	0.043	-0.028	0.039	0.476	-0.03 (-0.10, 0.05)	0.001	0.490	-0.052	0.031	0.098	-0.05 (-0.11, 0.01)	-0.054	0.041	0.190	-0.05 (-0.13, 0.03)
7989_5	C1orf226	CA226	226	-0.004	0.019	0.822	-4.28e-03 (-0.04, 0.03	0.940	0.986	0.003	0.038	0.947	2.54e-03 (-0.07, 0.08)	0.000	0.838	-0.008	0.039	0.836	-0.01 (-0.09, 0.07)	0.020	0.041	0.630	0.02 (-0.06, 0.10)
9257_14	TACO1	TACO1	226	-0.004	0.018	0.822	-4.00e-03 (-0.04, 0.03	0.940	0.135	-0.030	0.038	0.430	-0.03 (-0.10, 0.04)	0.002	0.431	-0.029	0.028	0.298	-0.03 (-0.08, 0.03)	-0.049	0.036	0.178	-0.05 (-0.12, 0.02)
9350_3	FSTL4	FSTL4	226	-0.005	0.021	0.821	-4.78e-03 (-0.05, 0.04	0.940	0.043	0.035	0.042	0.404	0.04 (-0.05, 0.12)	-0.003	0.276	-0.012	0.035	0.739	-0.01 (-0.08, 0.06)	-0.005	0.041	0.912	-4.58e-03 (-0.09, 0.08)
9842_2	CTNNB1	b-Catenin	226	-0.004	0.019	0.821	-4.37e-03 (-0.04, 0.03	0.940	0.352	-0.076	0.039	0.054	-0.08 (-0.15, 8.61e-04)	0.004	0.036	-0.065	0.033	0.046	-0.07 (-0.13, -1.10e-	-0.092	0.045	0.042	-0.09 (-0.18, -3.78e-03)
3299_29	CNTN5	Contactin-5	226	0.005	0.021	0.822	4.78e-03 (-0.04, 0.05)	0.940	0.010	0.074	0.043	0.082	0.07 (-0.01, 0.16)	-0.004	0.061	-0.003	0.039	0.948	-2.55e-03 (-0.08, 0.	0.024	0.045	0.592	0.02 (-0.06, 0.11)
9767_22	RIPPLY1	RIPP1	226	-0.004	0.020	0.822	-4.39e-03 (-0.04, 0.03	0.940	0.586	0.032	0.039	0.422	0.03 (-0.05, 0.11)	-0.002	0.292	0.003	0.040	0.944	2.79e-03 (-0.08, 0.0	-0.004	0.041	0.926	-3.77e-03 (-0.08, 0.08)
4493_92	IL11	IL-11	226	0.004	0.019	0.823	4.15e-03 (-0.03, 0.04)	0.941	0.342	0.047	0.038	0.217	0.05 (-0.03, 0.12)	-0.003	0.195	-0.020	0.035	0.571	-0.02 (-0.09, 0.05)	-0.003	0.041	0.944	-2.88e-03 (-0.08, 0.08)
3414_40	BMX	BMX	226	-0.004	0.019	0.824	-4.13e-03 (-0.04, 0.03	0.941	0.262	0.011	0.039	0.782	0.01 (-0.06, 0.09)	-0.001	0.658	-0.029	0.037	0.427	-0.03 (-0.10, 0.04)	-0.009	0.042	0.835	-0.01 (-0.09, 0.07)
3799_11	CA3	Carbonic a	226	0.004	0.019	0.824	4.19e-03 (-0.03, 0.04)	0.941	0.329	-0.013	0.039	0.734	-0.01 (-0.09, 0.06)	0.001	0.606	-0.025	0.039	0.517	-0.03 (-0.10, 0.05)	-0.020	0.038	0.596	-0.02 (-0.10, 0.05)
4472_5	TPM2	Tropomyosi	226	0.004	0.019	0.824	4.24e-03 (-0.03, 0.04)	0.941	0.151	-0.052	0.040	0.195	-0.05 (-0.13, 0.03)	0.004	0.107	-0.003	0.040	0.937	-3.16e-03 (-0.08, 0.	-0.022	0.041	0.590	-0.02 (-0.10, 0.06)
9102_28	ZFYVE27	ZFY27	226	0.004	0.019	0.824	4.15e-03 (-0.03, 0.04)	0.941	0.213	-0.007	0.039	0.853	-0.01 (-0.08, 0.07)	0.001	0.737	-0.010	0.037	0.785	-0.01 (-0.08, 0.06)	0.001	0.037	0.983	7.78e-04 (-0.07, 0.07)
9994_217	ATP4B	ATP4B	226	0.004	0.019	0.824	4.23e-03 (-0.03, 0.04)	0.941	0.066	-0.030	0.041	0.459	-0.03 (-0.11, 0.05)	0.002	0.331	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	0.018	0.039	0.636	0.02 (-0.06, 0.09)
11593_21	CXCL9	MIG	226	0.004	0.019	0.825	4.30e-03 (-0.03, 0.04)	0.942	0.996	0.066	0.039	0.094	0.07 (-0.01, 0.14)	-0.004	0.071	0.050	0.033	0.134	0.05 (-0.02, 0.11)	0.057	0.038	0.134	0.06 (-0.02, 0.13)
10663_42	INSIG1	INSI1	226	-0.004	0.020	0.825	-4.32e-03 (-0.04, 0.03	0.942	0.712	0.022	0.039	0.579	0.02 (-0.06, 0.10)	-0.002	0.444	0.008	0.039	0.834	0.01 (-0.07, 0.09)	0.019	0.039	0.627	0.02 (-0.06, 0.10)
12696_166	PRMT3	ANM3	226	0.004	0.019	0.825	4.19e-03 (-0.03, 0.04)	0.942	0.988	-0.004	0.038	0.925	-3.60e-03 (-0.08, 0.07)	0.000	0.815	-0.016	0.035	0.652	-0.02 (-0.08, 0.05)	-0.009	0.036	0.813	-0.01 (-0.08, 0.06)
15678_71	DKK2	DKK2	226	0.005	0.021	0.825	4.66e-03 (-0.04, 0.05)	0.942	0.001	0.013	0.043	0.753	0.01 (-0.07, 0.10)	-0.001	0.812	-0.014	0.038	0.712	-0.01 (-0.09, 0.06)	-0.025	0.041	0.546	-0.02 (-0.10, 0.06)
12869_68	DDX6	DDX6	226	-0.004	0.019	0.827	-4.10e-03 (-0.04, 0.03	0.943	0.785	-0.013	0.038	0.723	-0.01 (-0.09, 0.06)	0.001	0.777	-0.036	0.030	0.242	-0.04 (-0.10, 0.02)	-0.043	0.040	0.289	-0.04 (-0.12, 0.04)
14615_46	KRTAP2-4	KRA24	226	-0.004	0.020	0.827	-4.38e-03 (-0.04, 0.03	0.943	0.030	0.015	0.041	0.708	0.02 (-0.06, 0.09)	-0.001	0.579	0.023	0.035	0.516	0.02 (-0.05, 0.09)	0.020	0.042	0.638	0.02 (-0.06, 0.10)
16618_7	CD69	CD69	226	0.005	0.022	0.828	4.74e-03 (-0.04, 0.05)	0.943	2.62E-04	0.011	0.044	0.809	0.01 (-0.08, 0.10)	0.000	0.878	-0.030	0.037	0.409	-0.03 (-0.10, 0.04)	-0.024	0.039	0.546	-0.02 (-0.10, 0.05)
3044_3	CCL18	PARC	226	0.005	0.021	0.828	4.66e-03 (-0.04, 0.05)	0.943	0.002	-0.031	0.043	0.467	-0.03 (-0.12, 0.05)	0.002	0.336	0.010	0.032	0.745	0.01 (-0.05, 0.07)	-0.009	0.044	0.837	-0.01 (-0.10, 0.08)
4322_28	AMN	AMNLS	226	0.004	0.019	0.827	4.19e-03 (-0.03, 0.04)	0.943	0.529	-0.001	0.039	0.977	-1.11e-03 (-0.08, 0.07)	0.000	0.875	-0.014	0.039	0.715	-0.01 (-0.09, 0.06)	0.006	0.043	0.882	0.01 (-0.08, 0.09)
8265_225	TMPO	LAP2B	226	-0.004	0.018	0.828	-4.01e-03 (-0.04, 0.03	0.943	0.229	-0.021	0.038	0.585	-0.02 (-0.10, 0.05)	0.001	0.611	-0.034	0.036	0.358	-0.03 (-0.11, 0.04)	-0.030	0.037	0.413	-0.03 (-0.10, 0.04)
9841_197	PAICS	Multifunctio	226	-0.004	0.019	0.828	-4.21e-03 (-0.04, 0.03	0.943	0.966	-0.035	0.039	0.375	-0.03 (-0.11, 0.04)	0.002	0.370	-0.031	0.039	0.421	-0.03 (-0.11, 0.05)	-0.027	0.037	0.458	-0.03 (-0.10, 0.04)
17158_17	UBE2G1	UB2G1	226	-0.004	0.018	0.829	-3.96e-03 (-0.04, 0.03	0.944	0.212	0.004	0.038	0.912	4.25e-03 (-0.07, 0.08)	-0.001	0.805	0.010	0.038	0.790	0.01 (-0.06, 0.08)	0.007	0.040	0.858	0.01 (-0.07, 0.09)
8055_33	DGCR2	IDD	226	0.004	0.020	0.829	4.22e-03 (-0.03, 0.04)	0.944	0.286	-0.018	0.040	0.649	-0.02 (-0.10, 0.06)	0.001	0.519	-0.007	0.038	0.852	-0.01 (-0.08, 0.07)	-0.027	0.039	0.486	-0.03 (-0.10, 0.05)
12387_7	PDLIM4	PDLI4	226	-0.004	0.019	0.829	-4.16e-03 (-0.04, 0.03	0.944	0.581	0.068	0.039	0.082	0.07 (-0.01, 0.14)	-0.004	0.034	0.002	0.034	0.961	1.67e-03 (-0.07, 0.0	0.004	0.042	0.928	3.75e-03 (-0.08, 0.09)
8772_5	EFNB2	EFNB2	226	0.004	0.019	0.829	4.07e-03 (-0.03, 0.04)	0.944	0.358	0.039	0.039	0.316	0.04 (-0.04, 0.11)	-0.002	0.301	0.047	0.037	0.207	0.05 (-0.03, 0.12)	0.041	0.041	0.310	0.04 (-0.04, 0.12)
9779_63	HERPUD2	HERP2	226	0.004	0.019	0.830	4.18e-03 (-0.03, 0.04)	0.944	0.841	-0.018	0.039	0.648	-0.02 (-0.09, 0.06)	0.001	0.517	-0.025	0.038	0.505	-0.03 (-0.10, 0.05)	0.001	0.037	0.977	1.08e-03 (-0.07, 0.07)
9895_77	ERCC4	XPF	226	0.004	0.020	0.830	4.21e-03 (-0.03, 0.04)	0.944	0.784	0.048	0.040	0.224	0.05 (-0.03, 0.13)	-0.003	0.201	0.060	0.038	0.117	0.06 (-0.02, 0.14)	0.065	0.041	0.115	0.07 (-0.02, 0.15)
3387_1	PAK3	PAK3	226	0.004	0.019	0.830	4.10e-03 (-0.03, 0.04)	0.945	0.086	-0.055	0.041	0.179	-0.06 (-0.14, 0.02)	0.004	0.096	0.010	0.040	0.799	0.01 (-0.07, 0.09)	-0.026	0.042	0.533	-0.03 (-0.11, 0.06)
13083_18	VARS	SYVC	226	-0.005	0.022	0.832	-4.55e-03 (-0.05, 0.04	0.945	0.011	-0.008	0.043	0.861	-0.01 (-0.09, 0.08)	0.000	0.936	0.022	0.040	0.593	0.02 (-0.06, 0.10)	0.013	0.044	0.773	0.01 (-0.07, 0.10)
13563_259	ACBD7	ACBD7	226	0.004	0.020	0.832	4.14e-03 (-0.03, 0.04)	0.945	0.284	0.024	0.040	0.560	0.02 (-0.06, 0.10)	-0.001	0.579	0.000	0.037	1.000	0.00e+00 (-0.07, 0.	0.001	0.039	0.989	5.64e-04 (-0.08, 0.08)
19249_18	KARS	SYK	226	0.004	0.019	0.833	3.93e-03 (-0.03, 0.04)	0.945	0.694	-0.022	0.037	0.552	-0.02 (-0.10, 0.05)	0.002	0.421	-0.029	0.031	0.357	-0.03 (-0.09, 0.03)	-0.047	0.039	0.223	-0.05 (-0.12, 0.03)
19259_176	EIF2S1	IF2A	226	-0.004	0.018	0.832	-3.88e-03 (-0.04, 0.03	0.945	0.790	-0.016	0.037	0.673	-0.02 (-0.09, 0.06)	0.001	0.715	-0.042	0.035	0.236	-0.04 (-0.11, 0.03)	-0.028	0.037	0.453	-0.03 (-0.10, 0.05)
3195_50	GNLY	Granulysin	226	-0.005	0.022	0.832	-4.67e-03 (-0.05, 0.04	0.945	0.003	0.013	0.044	0.772	0.01 (-0.07, 0.10)	-0.001	0.649	0.017	0.037	0.651	0.02 (-0.06, 0.09)	0.000	0.046	1.000	2.25e-05 (-0.09, 0.09)
4135_84	IGHE IGK@	IgE	226	0.005	0.022	0.831	4.70e-03 (-0.04, 0.05)	0.945	0.002	-0.056	0.044	0.210	-0.06 (-0.14, 0.03)	0.004	0.118	-0.034	0.041	0.398	-0.03 (-0.11, 0.05)	-0.043	0.044	0.327	-0.04 (-0.13, 0.04)
4807_13	COL8A1	CO8A1	226	-0.004	0.020	0.832	-4.16e-03 (-0.04, 0.03	0.945	0.588	-0.021	0.040	0.594	-0.02 (-0.10, 0.06)	0.001	0.622	0.013	0.040	0.757	0.01 (-0.07, 0.09)	0.005	0.041	0.896	0.01 (-0.08, 0.09)
9719_145	MMP16	MMP-16	226	-0.005	0.021	0.832	-4.55e-03 (-0.05, 0.04	0.945	0.019	-0.017	0.043	0.697	-0.02 (-0.10, 0.07)	0.001	0.743	-0.016	0.040	0.686	-0.02 (-0.09, 0.06)	-0.027	0.040	0.493	-0.03 (-0.11, 0.05)
7846_44	PSG11	PSG11	226	0.004	0.019	0.833	4.05e-03 (-0.03, 0.04)	0.946	0.138	-0.042	0.041	0.299	-0.04 (-0.12, 0.04)	0.003	0.190	0.027	0.033	0.418	0.03 (-0.04, 0.09)	0.035	0.042	0.401	0.04 (-0.05, 0.12)
2805_6	ACE2	ACE2	226	0.004	0.019	0.834	3.89e-03 (-0.03, 0.04)	0.947	0.824	0.014	0.037	0.712	0.01 (-0.06, 0.09)	-0.001	0.760	-0.029	0.037	0.436	-0.03 (-0.10, 0.04)	-0.016	0.042	0.704	-0.02 (-0.10, 0.07)
10362_35	MYC	c-Myc	226	-0.004	0.021	0.836	-4.26e-03 (-0.04, 0.04	0.948	0.037	-0.063	0.041	0.127	-0.06 (-0.14, 0.02)	0.004	0.101	-0.048	0.033	0.149	-0.05 (-0.11, 0.02)	-0.078	0.045	0.085	-0.08 (-0.17, 0.01)
12350_86	ETS2	ETS2	226	0.004	0.019	0.836	3.98e-03 (-0.03, 0.04)	0.948	0.258	0.061	0.040	0.124	0.06 (-0.02, 0.14)	-0.004	0.097	0.030	0.040	0.449	0.03 (-0.05, 0.11)	0.009	0.040	0.831	0.01 (-0.07, 0.09)
18319_7	PDHX	ODPX	226	0.004	0.020	0.836	4.14e-03 (-0.04, 0.04)	0.948	0.006	-0.022	0.040	0.590	-0.02 (-0.10, 0.06)	0.002	0.460	-0.015	0.031	0.623	-0.02 (-0.08, 0.05)	-0.042	0.039	0.286	-0.04 (-0.12, 0.03)
14025_18	TNFRSF9	4-1BB	226	0.004	0.019	0.836	4.00e-03 (-0.03, 0.04)	0.948	0.388	0.051	0.039	0.198	0.05 (-0.03, 0.13)	-0.003	0.172	0.044	0.038	0.244	0.04 (-0.03, 0.12)	0.041	0.040	0.308	0.04 (-0.04, 0.12)
18877_15	CNN2	CNN2	226	0.004	0.018	0.836	3.66e-03 (-0.03, 0.04)	0.948	0.294	-0.001	0.037	0.972	-1.29e-03 (-0.07, 0.07)	0.000	0.876	-0.023	0.034	0.505	-0.02 (-0.09, 0.04)	-0.025	0.036	0.494	-0.02 (-0.09, 0.05)
11324_3	PXDNL	PXDNL	226	0.004	0.019	0.837	3.98e-03 (-0.03, 0.04)	0.948	0.246	0.010	0.040	0.802	0.01 (-0.07, 0.09)	0.000	0.860	-0.020	0.037	0.583	-0.02 (-0.09, 0.05)	0.016	0.042	0.698	0.02 (-0.07, 0.10)
12030_82	DES	Desmin	226	0.004	0.019	0.838	3.97e-03 (-0.03, 0.04)	0.948	0.270	-0.060	0.040	0.133	-0.06 (-0.14, 0.02)	0.004	0.065	-0.033	0.037	0.380	-0.03 (-0.11, 0.04)	-0.022	0.041	0.600	-0.02 (-0.10, 0.06)
12436_84	GSTO1	GST omeg	226	-0.004	0.019	0.837	-3.97e-03 (-0.04, 0.03	0.948	0.061	-0.051	0.042	0.221	-0.05 (-0.13, 0.03)	0.003	0.194	-0.038	0.038	0.316	-0.04 (-0.11, 0.04)	-0.043	0.041	0.297	-0.04 (-0.12, 0.04)
15358_28	SCG5	7B2	226	0.004	0.021	0.837	4.26e-03 (-0.04, 0.04)	0.948	0.040	-0.068	0.041	0.100	-0.07 (-0.15, 0.01)	0.005	0.045	-0.014	0.040	0.728	-0.01 (-0.09, 0.06)	-0.030	0.041	0.455	-0.03 (-0.11, 0.05)
18871_24	AIF1L	AIF1L	226	0.004	0.019	0.839	3.90e-03 (-0.03, 0.04)	0.948	0.107	0.041	0.041	0.314	0.04 (-0.04, 0.12)	-0.002	0.293	0.055	0.037	0.140	0.05 (-0.02, 0.13)	0.068	0.047	0.156	0.07 (-0.03, 0.16)
3003_29	NCR3	NKp30	226	-0.004	0.019	0.838	-3.98e-03 (-0.04, 0.03	0.948	0.171	0.023	0.041	0.571	0.02 (-0.06, 0.10)	-0.002	0.445	-0.033	0.038	0.383	-0.03 (-0.11, 0.04)	-0.019	0.045	0.665	-0.02 (-0.11, 0.07)
3651_50	KDR	VEGF sR2	226	-0.008	0.038	0.839	-0.01 (-0.08, 0.07)	0.948	9.58E-82	0.058	0.077	0.455	0.06 (-0.09, 0.21)	-0.004	0.329	0.056	0.038	0.146	0.06 (-0.02, 0.13)	0.036	0.039	0.363	0.04 (-0.04, 0.11)
3773_15	TEK	sTie-2	226	0.004	0.022	0.837	4.41e-03 (-0.04, 0.05)	0.948	0.005	0.085	0.043	0.049	0.09 (9.45e-04, 0.17)	-0.005	0.031	0.024	0.033	0.481	0.02 (-0.04, 0.09)	0.017	0.041	0.682	0.02 (-0.06, 0.10)
4123_60	FGF4	FGF-4	226	-0.004	0.020	0.839	-4.02e-03 (-0.04, 0.03	0.948	0.022	-0.016	0.040	0.692	-0.02 (-0.09, 0.06)	0.001	0.733	-0.050	0.030	0.093	-0.05 (-0.11, 0.01)	-0.070	0.038	0.072	-0.07 (-0.14, 0.01)
4306_4	TKT	Transketola	226	-0.004	0.018	0.839	-3.58e-03 (-0.04, 0.03	0.948	0.566	-0.012	0.035	0.737	-0.01 (-0.08, 0.06)	0.001	0.786	-0.040	0.029	0.167	-0.04 (-0.10, 0.02)	-0.044	0.036	0.227	-0.04 (-0.11, 0.03)
5441_67	TNNI3	Troponin I	226	0.004	0.021	0.839	4.24e-03 (-0.04, 0.05)	0.948	0.032	0.045	0.042	0.287	0.04 (-0.04, 0.13)	-0.003	0.266	-0.002	0.041	0.963	-1.92e-03 (-0.08, 0.	-0.010	0.046	0.825	-0.01 (-0.10, 0.08)
5954_62	PTH	PTH	226	0.005	0.022	0.839	4.50e-03 (-0.04, 0.05)	0.948	0.001	0.053	0.044	0.232	0.05 (-0.03, 0.14)	-0.003	0.208	0.052	0.037	0.159	0.05 (-0.02, 0.13)	0.031	0.040	0.444	0.03 (-0.05, 0.11)
7006_4	COL25A1	COPA1	226	0.004	0.019	0.839	3.84e-03 (-0.03, 0.04)	0.948	0.197	-0.018	0.040	0.645	-0.02 (-0.10, 0.06)	0.001	0.521	0.015	0.039	0.706	0.01 (-0.06, 0.09)	0.005	0.037	0.903	4.55e-03 (-0.07, 0.08)
9055_81	MYZAP	MYZAP	226	0.004	0.020	0.837	4.01e-03 (-0.03, 0.04)	0.948	0.553	0.056	0.039	0.153	0.06 (-0.02, 0.13)	-0.003	0.126	0.018	0.041	0.653	0.02 (-0.06, 0.10)	0.025	0.040	0.536	0.03 (-0.05, 0.10)
9249_17	TMEM9	TMEM9	226	-0.004	0.019	0.838	-3.96e-03 (-0.04, 0.03	0.948	0.573	-0.021	0.039	0.596	-0.02 (-0.10, 0.06)	0.001	0.622	-0.033	0.038	0.385	-0.03 (-0.11, 0.04)	-0.009	0.040	0.819	-0.01 (-0.09, 0.07)
18396_10	AES	AES	226	0.004	0.019	0.840	3.86e-03 (-0.03, 0.04)	0.949	0.155	0.002	0.040	0.953	2.39e-03 (-0.08, 0.08)	0.000	0.967	-0.018	0.039	0.638	-0.02 (-0.09, 0.06)	0.003	0.039	0.935	3.21e-03 (-0.07, 0.08)
12788_6	CCDC101	SGF29	226	-0.004	0.020	0.841	-3.92e-03 (-0.04, 0.03	0.950	0.085	0.043	0.042	0.300	0.04 (-0.04, 0.13)	-0.003	0.193	0.023	0.036	0.527	0.02 (-0.05, 0.09)	0.001	0.038	0.982	8.50e-04 (-0.07, 0.08)
14662_6	MZF1	MZF1	226	0.004	0.020	0.842	3.94e-03 (-0.03, 0.04)	0.950	0.039	0.047	0.040	0.238	0.05 (-0.03, 0.12)	-0.003	0.213	0.061	0.033	0.069	0.06 (-4.78e-03, 0.1	0.059	0.037	0.116	0.06 (-0.01, 0.13)
19640_2	PTH	Parathyroid	226	-0.004	0.020	0.842	-3.91e-03 (-0.04, 0.03	0.950	0.615	0.028	0.039	0.481	0.03 (-0.05, 0.11)	-0.002	0.354	0.055	0.037	0.141	0.05 (-0.02, 0.13)	0.079	0.042	0.059	0.08 (-2.72e-03, 0.16)
15339_32	CFL2	COF2	226	0.004	0.019	0.843	3.81e-03 (-0.03, 0.04)	0.951	0.316	0.003	0.040	0.943	2.83e-03 (-0.07, 0.08)	0.000	0.977	-0.012	0.042	0.770	-0.01 (-0.10, 0.07)	-0.009	0.043	0.835	-0.01 (-0.09, 0.08)
9005_16	PLXNA1	PLXA1	226	0.004	0.020	0.843	4.05e-03 (-0.04, 0.04)	0.951	0.011	0.064	0.041	0.118	0.06 (-0.02, 0.14)	-0.004	0.091	0.040	0.036	0.275	0.04 (-0.03, 0.11)	0.044	0.042	0.291	0.04 (-0.04, 0.13)
12617_2	STK24	STK24	226	0.004	0.019	0.844	3.78e-03 (-0.03, 0.04)	0.951	0.853	0.042	0.039	0.284	0.04 (-0.03, 0.12)	-0.002	0.262	0.008	0.037	0.828	0.01 (-0.06, 0.08)	0.018	0.038	0.637	0.02 (-0.06, 0.09)
2607_54	CRLF1	CLF-1/CLC	226	-0.004	0.019	0.844	-3.74e-03 (-0.04, 0.03	0.951	0.604	0.006	0.038	0.872	0.01 (-0.07, 0.08)	-0.001	0.765	0.014	0.037	0.696	0.01 (-0.06, 0.09)	0.012	0.041	0.777	0.01 (-0.07, 0.09)
2875_15	TBP	TBP	226	0.004	0.019	0.844	3.73e-03 (-0.03, 0.04)	0.951	0.348	0.007	0.039	0.858	0.01 (-0.07, 0.08)	0.000	0.923	-0.018	0.032	0.569	-0.02 (-0.08, 0.04)	-0.034	0.043	0.420	-0.03 (-0.12, 0.05)
11480_1	ALDH3A1	Aldehyde d	226	0.004	0.019	0.845	3.81e-03 (-0.03, 0.04)	0.951	0.196	0.052	0.041	0.203	0.05 (-0.03, 0.13)	-0.003	0.175	0.007	0.041	0.861	0.01 (-0.07, 0.09)	-0.012	0.042	0.785	-0.01 (-0.09, 0.07)
11967_23	CRABP1	RABP1	226	0.004	0.020	0.845	3.82e-03 (-0.03, 0.04)	0.951	0.060	-0.014	0.042	0.745	-0.01 (-0.10, 0.07)	0.001	0.633	0.038	0.037	0.299	0.04 (-0.03, 0.11)	0.027	0.038	0.485	0.03 (-0.05, 0.10)
18274_2	SERF2	SERF2	226	0.004	0.019	0.845	3.78e-03 (-0.03, 0.04)	0.951	0.148	-0.028	0.041	0.494	-0.03 (-0.11, 0.05)	0.002	0.371	-0.004	0.037	0.918	-3.83e-03 (-0.08, 0.	0.013	0.043	0.768	0.01 (-0.07, 0.10)
6597_24	FAM174A	TM157	226	0.004	0.021	0.845	4.06e-03 (-0.04, 0.04)	0.951	0.029	0.042	0.042	0.319	0.04 (-0.04, 0.12)	-0.002	0.300	0.016	0.037	0.664	0.02 (-0.06, 0.09)	0.006	0.041	0.892	0.01 (-0.07, 0.09)
19127_1	HSPB6	HSPB6	226	0.004	0.019	0.845	3.76e-03 (-0.03, 0.04)	0.952	0.047	-0.002	0.039	0.965	-1.72e-03 (-0.08, 0.07)	0.000	0.871	0.007	0.033	0.822	0.01 (-0.06, 0.07)	-0.018	0.039	0.644	-0.02 (-0.10, 0.06)
19437_61	VEGFA	L-VEGF165	226	0.004	0.019	0.846	3.72e-03 (-0.03, 0.04)	0.952	0.118	0.003	0.041	0.938	3.16e-03 (-0.08, 0.08)	0.000	0.987	0.019	0.037	0.599	0.02 (-0.05, 0.09)	0.017	0.041	0.675	0.02 (-0.06, 0.10)
2619_72	TACSTD2	GA733-1 pr	226	0.004	0.019	0.846	3.75e-03 (-0.03, 0.04)	0.952	0.448	-0.006	0.039	0.869	-0.01 (-0.08, 0.07)	0.001	0.763	-0.048	0.035	0.173	-0.05 (-0.12, 0.02)	-0.032	0.040	0.430	-0.03 (-0.11, 0.05)
10339_48	ENO2	NSE	226	0.004	0.019	0.846	3.76e-03 (-0.03, 0.04)	0.952	0.283	0.029	0.040	0.467	0.03 (-0.05, 0.11)	-0.002	0.465	0.007	0.040	0.857	0.01 (-0.07, 0.08)	-0.003	0.038	0.937	-3.01e-03 (-0.08, 0.07)
11207_3	MSR1	Macrophag	226	0.004	0.019	0.847	3.74e-03 (-0.03, 0.04)	0.952	0.559	0.021	0.039	0.597	0.02 (-0.06, 0.10)	-0.001	0.619	0.043	0.035	0.221	0.04 (-0.03, 0.11)	0.040	0.038	0.299	0.04 (-0.04, 0.12)
8601_167	LRP1	sLRP1	226	0.004	0.019	0.847	3.74e-03 (-0.03, 0.04)	0.953	0.468	-0.011	0.039	0.783	-0.01 (-0.09, 0.07)	0.001	0.670	-0.007	0.040	0.866	-0.01 (-0.08, 0.07)	-0.005	0.042	0.913	-4.65e-03 (-0.09, 0.08)
13959_7	LAP3	LAP	226	-0.004	0.019	0.847	-3.62e-03 (-0.04, 0.03	0.953	0.338	0.027	0.039	0.478	0.03 (-0.05, 0.10)	-0.002	0.355	-0.007	0.032	0.814	-0.01 (-0.07, 0.05)	-0.026	0.039	0.506	-0.03 (-0.10, 0.05)
14286_2	NFATC1	NF-ATc1	226	0.004	0.020	0.848	3.74e-03 (-0.03, 0.04)	0.953	0.081	-0.046	0.042	0.273	-0.05 (-0.13, 0.04)	0.003	0.172	-0.028	0.039	0.480	-0.03 (-0.11, 0.05)	-0.036	0.042	0.392	-0.04 (-0.12, 0.05)
15576_158	RNASE3	ECP	226	-0.004	0.021	0.848	-4.05e-03 (-0.05, 0.04	0.953	0.034	0.043	0.043	0.310	0.04 (-0.04, 0.13)	-0.003	0.201	-0.011	0.041	0.779	-0.01 (-0.09, 0.07)	-0.006	0.042	0.888	-0.01 (-0.09, 0.08)
17746_77	FIS1	FIS1	226	0.003	0.018	0.848	3.41e-03 (-0.03, 0.04)	0.953	0.533	0.031	0.036	0.391	0.03 (-0.04, 0.10)	-0.002	0.379	-0.001	0.034	0.976	-1.05e-03 (-0.07, 0.	0.018	0.036	0.619	0.02 (-0.05, 0.09)
7060_2	ERO1L	ERO1A	226	-0.004	0.021	0.848	-4.13e-03 (-0.05, 0.04	0.953	0.016	-0.052	0.043	0.226	-0.05 (-0.14, 0.03)	0.003	0.199	-0.029	0.033	0.375	-0.03 (-0.09, 0.03)	-0.058	0.043	0.175	-0.06 (-0.14, 0.03)
7161_25	H6PD	G6PE	226	-0.006	0.030	0.848	-0.01 (-0.07, 0.05)	0.953	1.79E-29	0.038	0.061	0.533	0.04 (-0.08, 0.16)	-0.003	0.408	0.021	0.039	0.589	0.02 (-0.06, 0.10)	0.012	0.040	0.770	0.01 (-0.07, 0.09)
4569_52	SORCS2	SORC2	226	-0.004	0.020	0.849	-3.72e-03 (-0.04, 0.03	0.953	0.187	-0.031	0.041	0.445	-0.03 (-0.11, 0.05)	0.002	0.438	-0.030	0.034	0.370	-0.03 (-0.10, 0.04)	-0.046	0.039	0.242	-0.05 (-0.12, 0.03)
6469_62	LY6G6D	LY66D	226	-0.004	0.022	0.849	-4.11e-03 (-0.05, 0.04	0.953	0.013	-0.014	0.044	0.748	-0.01 (-0.10, 0.07)	0.001	0.793	0.022	0.038	0.569	0.02 (-0.05, 0.10)	0.013	0.042	0.755	0.01 (-0.07, 0.09)
15419_15	MMP20	MMP20	226	-0.004	0.020	0.850	-3.71e-03 (-0.04, 0.03	0.954	0.622	-0.018	0.039	0.645	-0.02 (-0.10, 0.06)	0.001	0.672	0.001	0.039	0.970	1.47e-03 (-0.07, 0.0	0.022	0.040	0.588	0.02 (-0.06, 0.10)
10959_125	BET1L	BET1L	226	0.004	0.019	0.851	3.59e-03 (-0.03, 0.04)	0.954	0.316	-0.007	0.039	0.868	-0.01 (-0.08, 0.07)	0.001	0.767	-0.001	0.032	0.976	-9.50e-04 (-0.06, 0.	-0.039	0.044	0.379	-0.04 (-0.13, 0.05)
13653_335	MACROD1	MACD1	226	0.004	0.019	0.851	3.62e-03 (-0.03, 0.04)	0.954	0.083	-0.052	0.041	0.210	-0.05 (-0.13, 0.03)	0.003	0.123	-0.025	0.040	0.523	-0.03 (-0.10, 0.05)	-0.027	0.039	0.489	-0.03 (-0.10, 0.05)
17850_42	KLF4	KLF4	226	0.004	0.019	0.850	3.67e-03 (-0.03, 0.04)	0.954	0.820	-0.019	0.039	0.621	-0.02 (-0.10, 0.06)	0.001	0.498	0.006	0.039	0.887	0.01 (-0.07, 0.08)	0.001	0.039	0.984	8.12e-04 (-0.08, 0.08)
18868_7	CBX3	CBX3	226	0.003	0.018	0.850	3.49e-03 (-0.03, 0.04)	0.954	0.617	0.029	0.037	0.440	0.03 (-0.04, 0.10)	-0.002	0.435	-0.015	0.033	0.658	-0.01 (-0.08, 0.05)	-0.008	0.041	0.853	-0.01 (-0.09, 0.07)
2877_3	UBE2I	UBC9	226	-0.003	0.018	0.851	-3.46e-03 (-0.04, 0.03	0.954	0.870	-0.007	0.037	0.849	-0.01 (-0.08, 0.07)	0.000	0.911	-0.031	0.036	0.391	-0.03 (-0.10, 0.04)	-0.026	0.039	0.500	-0.03 (-0.10, 0.05)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
3419_49	CAMK2D	CAMK2D	226	-0.003	0.018	0.851	-3.40e-03 (-0.04, 0.03	0.954	0.193	-0.035	0.038	0.355	-0.04 (-0.11, 0.04)	0.002	0.336	-0.045	0.032	0.159	-0.04 (-0.11, 0.02)	-0.051	0.038	0.187	-0.05 (-0.13, 0.02)
4997_19	EIF4A3	IF4A3	226	0.003	0.019	0.851	3.49e-03 (-0.03, 0.04)	0.954	0.256	0.010	0.039	0.801	0.01 (-0.07, 0.09)	0.000	0.853	-0.025	0.039	0.520	-0.03 (-0.10, 0.05)	-0.017	0.042	0.675	-0.02 (-0.10, 0.06)
10496_11	CLCA1	CaCC	226	-0.004	0.019	0.855	-3.55e-03 (-0.04, 0.03	0.954	0.906	0.008	0.039	0.830	0.01 (-0.07, 0.08)	-0.001	0.725	0.001	0.031	0.968	1.25e-03 (-0.06, 0.0	0.001	0.045	0.974	1.45e-03 (-0.09, 0.09)
12386_11	RNPEP	AMPB	226	-0.003	0.019	0.854	-3.42e-03 (-0.04, 0.03	0.954	0.064	0.030	0.040	0.461	0.03 (-0.05, 0.11)	-0.002	0.343	0.026	0.035	0.465	0.03 (-0.04, 0.09)	0.003	0.042	0.937	3.34e-03 (-0.08, 0.09)
12504_26	LMOD1	LMOD1	226	-0.004	0.021	0.854	-3.88e-03 (-0.05, 0.04	0.954	0.030	0.013	0.043	0.758	0.01 (-0.07, 0.10)	-0.001	0.646	0.018	0.039	0.636	0.02 (-0.06, 0.09)	0.021	0.039	0.588	0.02 (-0.06, 0.10)
12891_1	MICALL2	MILK2	226	0.004	0.019	0.854	3.56e-03 (-0.03, 0.04)	0.954	0.321	-0.046	0.040	0.241	-0.05 (-0.12, 0.03)	0.003	0.146	0.011	0.039	0.780	0.01 (-0.07, 0.09)	-0.005	0.040	0.901	-4.97e-03 (-0.08, 0.07)
13055_53	PSD	PSD1	226	-0.004	0.024	0.853	-4.40e-03 (-0.05, 0.04	0.954	2.79E-07	-0.058	0.048	0.224	-0.06 (-0.15, 0.04)	0.003	0.195	0.029	0.040	0.470	0.03 (-0.05, 0.11)	0.029	0.041	0.491	0.03 (-0.05, 0.11)
14091_42	CBR3	Carbonyl re	226	-0.004	0.019	0.852	-3.50e-03 (-0.04, 0.03	0.954	0.322	-0.008	0.039	0.833	-0.01 (-0.08, 0.07)	0.000	0.890	-0.035	0.032	0.275	-0.04 (-0.10, 0.03)	-0.060	0.044	0.175	-0.06 (-0.15, 0.03)
16081_38	AKR1B10	Aldose redu	226	0.004	0.019	0.853	3.52e-03 (-0.03, 0.04)	0.954	0.134	-0.077	0.040	0.054	-0.08 (-0.16, 8.04e-04)	0.005	0.020	-0.014	0.040	0.727	-0.01 (-0.09, 0.06)	-0.038	0.039	0.335	-0.04 (-0.11, 0.04)
17319_1	SELH	SELH	226	-0.003	0.018	0.854	-3.38e-03 (-0.04, 0.03	0.954	0.552	-0.003	0.037	0.934	-3.06e-03 (-0.08, 0.07)	0.000	0.992	-0.007	0.038	0.857	-0.01 (-0.08, 0.07)	0.001	0.036	0.971	1.29e-03 (-0.07, 0.07)
19638_9	PDYN	Dynorphin	226	0.004	0.022	0.852	4.03e-03 (-0.04, 0.05)	0.954	2.56E-04	0.023	0.044	0.603	0.02 (-0.06, 0.11)	-0.001	0.622	0.002	0.039	0.963	1.82e-03 (-0.07, 0.0	0.000	0.042	0.991	-4.51e-04 (-0.08, 0.08)
3187_52	CRISP3	CRIS3	226	-0.004	0.021	0.855	-3.90e-03 (-0.05, 0.04	0.954	0.011	-0.029	0.043	0.507	-0.03 (-0.11, 0.06)	0.002	0.509	-0.041	0.041	0.316	-0.04 (-0.12, 0.04)	-0.078	0.043	0.072	-0.08 (-0.16, 0.01)
3853_56	MDH1	MDHC	226	0.003	0.018	0.855	3.21e-03 (-0.03, 0.04)	0.954	0.850	-0.011	0.035	0.754	-0.01 (-0.08, 0.06)	0.001	0.642	-0.042	0.033	0.193	-0.04 (-0.11, 0.02)	-0.051	0.037	0.176	-0.05 (-0.12, 0.02)
4718_5	PPIB	PPIB	226	0.004	0.020	0.855	3.57e-03 (-0.03, 0.04)	0.954	0.585	0.070	0.039	0.075	0.07 (-0.01, 0.15)	-0.004	0.052	0.036	0.039	0.353	0.04 (-0.04, 0.11)	0.031	0.042	0.453	0.03 (-0.05, 0.11)
4923_79	AMH	MIS	226	0.003	0.019	0.855	3.44e-03 (-0.03, 0.04)	0.954	0.327	0.020	0.039	0.606	0.02 (-0.06, 0.10)	-0.001	0.622	0.025	0.034	0.458	0.03 (-0.04, 0.09)	0.038	0.038	0.321	0.04 (-0.04, 0.11)
5017_19	PRDX5	Peroxiredo	226	-0.003	0.019	0.853	-3.46e-03 (-0.04, 0.03	0.954	0.305	0.008	0.038	0.833	0.01 (-0.07, 0.08)	-0.001	0.729	-0.005	0.040	0.896	-0.01 (-0.08, 0.07)	0.014	0.041	0.733	0.01 (-0.07, 0.09)
7180_114	IFNA14	IFN14	226	0.004	0.019	0.854	3.55e-03 (-0.03, 0.04)	0.954	0.831	0.028	0.039	0.475	0.03 (-0.05, 0.10)	-0.002	0.473	0.009	0.040	0.829	0.01 (-0.07, 0.09)	0.019	0.040	0.626	0.02 (-0.06, 0.10)
7738_299	STX2	STX2	226	0.004	0.021	0.853	3.87e-03 (-0.04, 0.04)	0.954	0.022	0.012	0.042	0.769	0.01 (-0.07, 0.09)	-0.001	0.816	0.062	0.033	0.059	0.06 (-2.42e-03, 0.1	0.066	0.043	0.132	0.07 (-0.02, 0.15)
7856_51	FAM151A	F151A	226	0.004	0.020	0.855	3.71e-03 (-0.04, 0.04)	0.954	0.007	0.069	0.041	0.088	0.07 (-0.01, 0.15)	-0.004	0.063	0.048	0.033	0.138	0.05 (-0.02, 0.11)	0.041	0.038	0.278	0.04 (-0.03, 0.12)
8993_151	RIPK2	RIPK2	226	0.004	0.019	0.854	3.51e-03 (-0.03, 0.04)	0.954	0.719	0.011	0.038	0.782	0.01 (-0.06, 0.09)	0.000	0.831	0.027	0.040	0.488	0.03 (-0.05, 0.11)	0.029	0.043	0.504	0.03 (-0.06, 0.11)
9989_12	LRRC24	LRC24	226	-0.004	0.019	0.853	-3.60e-03 (-0.04, 0.03	0.954	0.818	0.062	0.039	0.115	0.06 (-0.01, 0.14)	-0.004	0.055	0.040	0.038	0.291	0.04 (-0.03, 0.11)	0.041	0.041	0.319	0.04 (-0.04, 0.12)
10078_5	BAG3	BAG3	226	-0.004	0.019	0.856	-3.52e-03 (-0.04, 0.03	0.955	0.065	0.024	0.042	0.571	0.02 (-0.06, 0.11)	-0.002	0.454	0.040	0.039	0.302	0.04 (-0.04, 0.12)	0.040	0.044	0.369	0.04 (-0.05, 0.13)
12691_44	SHMT2	GLYM	226	-0.003	0.019	0.857	-3.34e-03 (-0.04, 0.03	0.955	0.106	-0.008	0.040	0.839	-0.01 (-0.09, 0.07)	0.000	0.891	-0.021	0.030	0.484	-0.02 (-0.08, 0.04)	-0.038	0.038	0.321	-0.04 (-0.11, 0.04)
18832_65	SAA2	SAA2	226	0.003	0.019	0.856	3.48e-03 (-0.03, 0.04)	0.955	0.350	-0.014	0.039	0.733	-0.01 (-0.09, 0.06)	0.001	0.621	-0.001	0.040	0.972	-1.38e-03 (-0.08, 0.	0.007	0.040	0.870	0.01 (-0.07, 0.08)
19383_131	CINP	CINP	226	-0.003	0.019	0.856	-3.48e-03 (-0.04, 0.03	0.955	0.426	0.004	0.039	0.908	4.49e-03 (-0.07, 0.08)	0.000	0.814	-0.033	0.037	0.368	-0.03 (-0.10, 0.04)	-0.024	0.039	0.545	-0.02 (-0.10, 0.05)
3043_49	SPARC	ON	226	0.003	0.018	0.856	3.23e-03 (-0.03, 0.04)	0.955	0.482	-0.033	0.036	0.359	-0.03 (-0.10, 0.04)	0.002	0.246	-0.013	0.031	0.675	-0.01 (-0.07, 0.05)	-0.038	0.037	0.314	-0.04 (-0.11, 0.04)
4276_10	PEBP1	prostatic bi	226	0.003	0.017	0.857	3.15e-03 (-0.03, 0.04)	0.955	0.665	-0.020	0.035	0.566	-0.02 (-0.09, 0.05)	0.001	0.445	-0.054	0.032	0.096	-0.05 (-0.12, 0.01)	-0.074	0.041	0.072	-0.07 (-0.15, 0.01)
9532_5	WBP1L	WBP1L	226	0.004	0.020	0.857	3.53e-03 (-0.03, 0.04)	0.955	0.470	-0.035	0.039	0.369	-0.04 (-0.11, 0.04)	0.002	0.255	0.002	0.040	0.966	1.74e-03 (-0.08, 0.0	-0.023	0.040	0.573	-0.02 (-0.10, 0.06)
9986_14	NPW	Neuropepti	226	0.004	0.022	0.857	4.05e-03 (-0.04, 0.05)	0.955	6.13E-06	0.011	0.045	0.807	0.01 (-0.08, 0.10)	0.000	0.859	0.013	0.038	0.738	0.01 (-0.06, 0.09)	-0.018	0.039	0.653	-0.02 (-0.09, 0.06)
19316_2	HSCB	HSC20	226	-0.004	0.021	0.857	-3.82e-03 (-0.05, 0.04	0.955	0.020	-0.055	0.043	0.196	-0.06 (-0.14, 0.03)	0.003	0.165	-0.012	0.040	0.767	-0.01 (-0.09, 0.07)	-0.021	0.039	0.582	-0.02 (-0.10, 0.05)
15529_33	CSRP1	Cysteine a	226	-0.003	0.019	0.857	-3.44e-03 (-0.04, 0.03	0.955	0.900	0.007	0.039	0.849	0.01 (-0.07, 0.08)	-0.001	0.747	-0.036	0.038	0.349	-0.04 (-0.11, 0.04)	-0.025	0.043	0.562	-0.02 (-0.11, 0.06)
9550_153	TTC17	TTC17	226	-0.004	0.022	0.858	-3.89e-03 (-0.05, 0.04	0.955	0.007	-0.037	0.044	0.397	-0.04 (-0.12, 0.05)	0.002	0.383	-0.024	0.039	0.530	-0.02 (-0.10, 0.05)	-0.004	0.039	0.923	-3.72e-03 (-0.08, 0.07)
16836_1	CFHR3	FHR3	226	-0.004	0.022	0.859	-3.90e-03 (-0.05, 0.04	0.956	0.004	0.029	0.044	0.510	0.03 (-0.06, 0.12)	-0.002	0.390	-0.017	0.041	0.678	-0.02 (-0.10, 0.06)	0.014	0.042	0.738	0.01 (-0.07, 0.10)
18918_86	PDE4A	PDE4A	226	-0.003	0.019	0.859	-3.43e-03 (-0.04, 0.03	0.956	0.087	0.039	0.041	0.347	0.04 (-0.04, 0.12)	-0.003	0.239	-0.037	0.037	0.311	-0.04 (-0.11, 0.04)	-0.020	0.044	0.643	-0.02 (-0.11, 0.07)
3795_6	ADAM9	ADAM 9	226	0.003	0.019	0.861	3.38e-03 (-0.03, 0.04)	0.958	0.243	0.038	0.040	0.340	0.04 (-0.04, 0.12)	-0.002	0.316	-0.008	0.041	0.848	-0.01 (-0.09, 0.07)	-0.014	0.040	0.732	-0.01 (-0.09, 0.06)
13497_34	EIF3J	EIF3J	226	-0.003	0.018	0.861	-3.13e-03 (-0.04, 0.03	0.958	0.396	-0.028	0.037	0.438	-0.03 (-0.10, 0.04)	0.002	0.427	-0.038	0.035	0.278	-0.04 (-0.11, 0.03)	-0.028	0.038	0.467	-0.03 (-0.10, 0.05)
4149_8	PDGFB	PDGF-BB	226	0.003	0.018	0.861	3.18e-03 (-0.03, 0.04)	0.958	0.294	0.020	0.038	0.601	0.02 (-0.05, 0.09)	-0.001	0.613	-0.015	0.033	0.657	-0.01 (-0.08, 0.05)	-0.023	0.040	0.575	-0.02 (-0.10, 0.06)
15384_15	KL	KLOTHO	226	-0.004	0.021	0.862	-3.59e-03 (-0.04, 0.04	0.958	0.016	0.053	0.042	0.202	0.05 (-0.03, 0.13)	-0.004	0.117	-0.003	0.040	0.947	-2.63e-03 (-0.08, 0.	-0.010	0.042	0.802	-0.01 (-0.09, 0.07)
3400_49	TBK1	TBK1	226	0.003	0.019	0.862	3.22e-03 (-0.03, 0.04)	0.958	0.141	-0.008	0.039	0.844	-0.01 (-0.08, 0.07)	0.001	0.748	-0.007	0.035	0.839	-0.01 (-0.08, 0.06)	0.003	0.040	0.940	3.05e-03 (-0.08, 0.08)
10076_1	AP4M1	AP4M1	226	0.003	0.018	0.864	3.15e-03 (-0.03, 0.04)	0.959	0.604	-0.014	0.037	0.709	-0.01 (-0.09, 0.06)	0.001	0.598	-0.007	0.039	0.851	-0.01 (-0.08, 0.07)	0.008	0.040	0.833	0.01 (-0.07, 0.09)
13465_5	RCAN1	CCP1	226	-0.003	0.019	0.864	-3.31e-03 (-0.04, 0.03	0.959	0.311	0.038	0.040	0.341	0.04 (-0.04, 0.12)	-0.003	0.234	0.026	0.041	0.527	0.03 (-0.05, 0.11)	0.030	0.044	0.497	0.03 (-0.06, 0.12)
13530_5	UTS2R	UR2R	226	-0.003	0.019	0.864	-3.33e-03 (-0.04, 0.03	0.959	0.749	-0.076	0.039	0.052	-0.08 (-0.15, 3.80e-04)	0.005	0.033	-0.032	0.041	0.435	-0.03 (-0.11, 0.05)	-0.086	0.037	0.022	-0.09 (-0.16, -0.01)
13691_10	SLC5A8	SC5A8	226	0.004	0.025	0.863	4.38e-03 (-0.05, 0.05)	0.959	4.80E-11	-0.029	0.051	0.576	-0.03 (-0.13, 0.07)	0.002	0.458	0.045	0.039	0.247	0.04 (-0.03, 0.12)	0.023	0.041	0.581	0.02 (-0.06, 0.10)
14107_1	MTHFS	MTHFS	226	0.003	0.019	0.863	3.20e-03 (-0.03, 0.04)	0.959	0.244	0.003	0.039	0.947	2.58e-03 (-0.07, 0.08)	0.000	0.985	-0.044	0.034	0.191	-0.04 (-0.11, 0.02)	-0.027	0.039	0.491	-0.03 (-0.10, 0.05)
3758_68	PROC	Activated P	226	-0.004	0.021	0.864	-3.61e-03 (-0.04, 0.04	0.959	0.013	0.042	0.042	0.328	0.04 (-0.04, 0.12)	-0.003	0.221	0.006	0.039	0.887	0.01 (-0.07, 0.08)	0.049	0.038	0.204	0.05 (-0.03, 0.12)
8394_56	RNASE2	RNase 2	226	-0.004	0.022	0.863	-3.75e-03 (-0.05, 0.04	0.959	0.007	0.024	0.044	0.580	0.02 (-0.06, 0.11)	-0.002	0.462	0.008	0.040	0.837	0.01 (-0.07, 0.09)	0.008	0.037	0.828	0.01 (-0.06, 0.08)
8891_7	CPVL	CPVL	226	-0.003	0.019	0.864	-3.24e-03 (-0.04, 0.03	0.959	0.855	0.054	0.038	0.161	0.05 (-0.02, 0.13)	-0.004	0.087	0.000	0.041	1.000	-1.93e-05 (-0.08, 0.	-0.004	0.040	0.919	-4.13e-03 (-0.08, 0.07)
10818_36	SMPD1	ASM	226	-0.004	0.025	0.865	-4.27e-03 (-0.05, 0.04	0.959	3.92E-09	0.002	0.051	0.962	2.38e-03 (-0.10, 0.10)	0.000	0.880	-0.018	0.042	0.674	-0.02 (-0.10, 0.06)	-0.045	0.039	0.241	-0.05 (-0.12, 0.03)
11626_7	UBE2V1	UB2V1	226	-0.003	0.017	0.866	-2.96e-03 (-0.04, 0.03	0.959	0.630	-0.018	0.035	0.613	-0.02 (-0.09, 0.05)	0.001	0.627	-0.057	0.031	0.066	-0.06 (-0.12, 3.70e-	-0.056	0.038	0.147	-0.06 (-0.13, 0.02)
13042_7	KCNA10	KCA10	226	-0.003	0.019	0.866	-3.23e-03 (-0.04, 0.03	0.959	0.052	-0.006	0.042	0.888	-0.01 (-0.09, 0.08)	0.000	0.942	-0.008	0.041	0.843	-0.01 (-0.09, 0.07)	-0.002	0.038	0.948	-2.46e-03 (-0.08, 0.07)
13522_20	VSNL1	VISL1	226	-0.003	0.019	0.866	-3.29e-03 (-0.04, 0.03	0.959	0.415	-0.024	0.040	0.544	-0.02 (-0.10, 0.05)	0.001	0.546	-0.055	0.036	0.120	-0.06 (-0.13, 0.01)	-0.055	0.041	0.181	-0.05 (-0.14, 0.03)
2668_70	CAPN1	Calpain I	226	-0.003	0.019	0.866	-3.29e-03 (-0.04, 0.03	0.959	0.026	-0.012	0.039	0.757	-0.01 (-0.09, 0.06)	0.001	0.795	-0.030	0.030	0.310	-0.03 (-0.09, 0.03)	-0.049	0.040	0.221	-0.05 (-0.13, 0.03)
2697_7	PF4	PF-4	226	0.003	0.017	0.866	2.95e-03 (-0.03, 0.04)	0.959	0.146	-0.024	0.037	0.512	-0.02 (-0.10, 0.05)	0.002	0.396	-0.002	0.030	0.959	-1.53e-03 (-0.06, 0.	-0.024	0.037	0.518	-0.02 (-0.10, 0.05)
4985_11	FABP5	FABPE	226	0.004	0.021	0.865	3.59e-03 (-0.04, 0.04)	0.959	0.048	-0.063	0.042	0.140	-0.06 (-0.15, 0.02)	0.004	0.072	-0.048	0.039	0.216	-0.05 (-0.12, 0.03)	-0.050	0.043	0.248	-0.05 (-0.14, 0.03)
8909_77	GNPDA1	GNPI1	226	0.003	0.020	0.866	3.30e-03 (-0.03, 0.04)	0.959	0.842	0.032	0.039	0.423	0.03 (-0.05, 0.11)	-0.002	0.409	0.052	0.035	0.135	0.05 (-0.02, 0.12)	0.032	0.047	0.502	0.03 (-0.06, 0.12)
8565_160	PLVAP	PLVAP	226	-0.003	0.019	0.867	-3.24e-03 (-0.04, 0.03	0.959	0.776	0.029	0.039	0.455	0.03 (-0.05, 0.11)	-0.002	0.339	0.032	0.039	0.408	0.03 (-0.04, 0.11)	0.029	0.038	0.442	0.03 (-0.04, 0.10)
6558_5	COLEC10	COL10	226	0.003	0.019	0.867	3.25e-03 (-0.03, 0.04)	0.960	0.211	0.014	0.041	0.728	0.01 (-0.07, 0.09)	-0.001	0.758	0.030	0.033	0.369	0.03 (-0.04, 0.09)	0.035	0.043	0.420	0.03 (-0.05, 0.12)
10553_8	TOR1AIP2	TOIP2	226	-0.003	0.019	0.868	-3.11e-03 (-0.04, 0.03	0.960	0.276	0.015	0.039	0.704	0.01 (-0.06, 0.09)	-0.001	0.596	-0.033	0.035	0.341	-0.03 (-0.10, 0.04)	-0.018	0.038	0.634	-0.02 (-0.09, 0.06)
12758_47	GRID2	GRID2	226	-0.003	0.021	0.867	-3.47e-03 (-0.04, 0.04	0.960	0.012	0.050	0.042	0.233	0.05 (-0.03, 0.13)	-0.003	0.142	0.048	0.034	0.154	0.05 (-0.02, 0.11)	0.036	0.039	0.355	0.04 (-0.04, 0.11)
18191_23	RANBP1	RANG	226	0.003	0.018	0.868	3.03e-03 (-0.03, 0.04)	0.960	0.847	-0.001	0.037	0.968	-1.49e-03 (-0.07, 0.07)	0.000	0.887	-0.044	0.034	0.195	-0.04 (-0.11, 0.02)	-0.040	0.040	0.317	-0.04 (-0.12, 0.04)
8069_85	CD3E	CD3E	226	0.003	0.021	0.868	3.49e-03 (-0.04, 0.04)	0.960	0.008	0.060	0.042	0.153	0.06 (-0.02, 0.14)	-0.004	0.121	0.049	0.031	0.120	0.05 (-0.01, 0.11)	0.075	0.042	0.077	0.07 (-0.01, 0.16)
12702_13	PELI2	PELI2	226	-0.003	0.019	0.869	-3.09e-03 (-0.04, 0.03	0.960	0.127	-0.024	0.040	0.544	-0.02 (-0.10, 0.05)	0.001	0.542	0.013	0.038	0.724	0.01 (-0.06, 0.09)	0.010	0.038	0.793	0.01 (-0.06, 0.08)
10535_25	COX6A2	CX6A2	226	-0.003	0.020	0.870	-3.21e-03 (-0.04, 0.04	0.961	0.146	-0.025	0.041	0.543	-0.03 (-0.11, 0.06)	0.001	0.541	0.000	0.041	0.991	4.82e-04 (-0.08, 0.0	-0.005	0.043	0.914	-4.60e-03 (-0.09, 0.08)
12761_12	APBB2	APBB2	226	-0.003	0.019	0.870	-3.17e-03 (-0.04, 0.03	0.961	0.270	0.077	0.040	0.052	0.08 (-4.00e-04, 0.16)	-0.005	0.020	-0.001	0.031	0.965	-1.37e-03 (-0.06, 0.	0.027	0.043	0.529	0.03 (-0.06, 0.11)
12855_16	CASS4	CT032	226	-0.003	0.018	0.869	-2.99e-03 (-0.04, 0.03	0.961	0.619	0.000	0.037	0.997	1.39e-04 (-0.07, 0.07)	0.000	0.922	-0.024	0.036	0.511	-0.02 (-0.09, 0.05)	-0.006	0.038	0.867	-0.01 (-0.08, 0.07)
5090_49	LILRB1	ILT-2	226	-0.004	0.023	0.870	-3.83e-03 (-0.05, 0.04	0.961	2.69E-06	0.052	0.047	0.271	0.05 (-0.04, 0.14)	-0.003	0.173	0.026	0.035	0.456	0.03 (-0.04, 0.09)	0.019	0.040	0.633	0.02 (-0.06, 0.10)
6395_58	GPHA2	GPHA2	226	0.003	0.020	0.869	3.23e-03 (-0.04, 0.04)	0.961	0.124	-0.013	0.042	0.760	-0.01 (-0.09, 0.07)	0.001	0.659	0.040	0.038	0.288	0.04 (-0.03, 0.11)	0.047	0.044	0.286	0.05 (-0.04, 0.13)
9021_1	HAVCR1	TIM-1	226	0.003	0.018	0.869	3.02e-03 (-0.03, 0.04)	0.961	0.279	0.001	0.038	0.976	1.14e-03 (-0.07, 0.08)	0.000	0.955	-0.021	0.038	0.578	-0.02 (-0.10, 0.05)	-0.022	0.038	0.556	-0.02 (-0.10, 0.05)
18340_2	PSMB4	Proteasome	226	0.004	0.021	0.870	3.51e-03 (-0.04, 0.05)	0.961	0.017	0.031	0.043	0.472	0.03 (-0.05, 0.12)	-0.002	0.462	-0.005	0.037	0.882	-0.01 (-0.08, 0.07)	-0.013	0.042	0.761	-0.01 (-0.09, 0.07)
10695_12	WFDC10B	WF10B	226	-0.003	0.020	0.871	-3.19e-03 (-0.04, 0.04	0.961	0.251	-0.001	0.041	0.974	-1.34e-03 (-0.08, 0.08)	0.000	0.958	0.027	0.036	0.460	0.03 (-0.04, 0.10)	0.014	0.042	0.732	0.01 (-0.07, 0.10)
11355_10	EIF5A2	IF5A2	226	0.003	0.018	0.871	2.91e-03 (-0.03, 0.04)	0.961	0.803	-0.006	0.036	0.861	-0.01 (-0.08, 0.06)	0.001	0.769	0.021	0.037	0.558	0.02 (-0.05, 0.09)	0.004	0.036	0.904	4.38e-03 (-0.07, 0.08)
5583_62	RYK	RYK	226	0.003	0.019	0.871	3.15e-03 (-0.03, 0.04)	0.961	0.306	0.064	0.040	0.110	0.06 (-0.01, 0.14)	-0.004	0.080	0.019	0.038	0.611	0.02 (-0.05, 0.09)	0.019	0.042	0.658	0.02 (-0.06, 0.10)
6706_18	ALPPL2	PPBN	226	0.003	0.019	0.870	3.18e-03 (-0.03, 0.04)	0.961	0.083	-0.002	0.042	0.965	-1.86e-03 (-0.08, 0.08)	0.000	0.890	-0.031	0.040	0.446	-0.03 (-0.11, 0.05)	-0.034	0.043	0.433	-0.03 (-0.12, 0.05)
12571_14	ARL3	ARL3	226	-0.003	0.018	0.871	-2.95e-03 (-0.04, 0.03	0.961	0.379	-0.016	0.037	0.664	-0.02 (-0.09, 0.06)	0.001	0.682	-0.029	0.034	0.390	-0.03 (-0.10, 0.04)	-0.022	0.039	0.561	-0.02 (-0.10, 0.05)
4967_1	C1QBP	C1QBP	226	-0.004	0.022	0.871	-3.56e-03 (-0.05, 0.04	0.961	3.66E-04	-0.036	0.044	0.418	-0.04 (-0.12, 0.05)	0.002	0.401	0.012	0.042	0.782	0.01 (-0.07, 0.09)	0.020	0.039	0.611	0.02 (-0.06, 0.10)
8859_51	CA11	CAH11	226	-0.003	0.018	0.872	-2.87e-03 (-0.04, 0.03	0.961	0.549	0.018	0.036	0.612	0.02 (-0.05, 0.09)	-0.001	0.498	-0.016	0.038	0.670	-0.02 (-0.09, 0.06)	-0.039	0.040	0.340	-0.04 (-0.12, 0.04)
12434_25	IST1	K0174	226	0.003	0.018	0.874	2.84e-03 (-0.03, 0.04)	0.961	0.411	0.017	0.037	0.648	0.02 (-0.05, 0.09)	-0.001	0.663	-0.029	0.035	0.402	-0.03 (-0.10, 0.04)	-0.024	0.036	0.504	-0.02 (-0.09, 0.05)
12538_19	RGS7	RGS7	226	0.003	0.022	0.876	3.44e-03 (-0.04, 0.05)	0.961	0.002	-0.002	0.044	0.961	-2.17e-03 (-0.09, 0.08)	0.000	0.884	0.014	0.039	0.716	0.01 (-0.06, 0.09)	-0.019	0.042	0.652	-0.02 (-0.10, 0.06)
12784_10	APBB3	APBB3	226	0.003	0.019	0.873	3.09e-03 (-0.03, 0.04)	0.961	0.270	0.079	0.040	0.046	0.08 (1.85e-03, 0.16)	-0.005	0.027	0.041	0.036	0.253	0.04 (-0.03, 0.11)	0.021	0.037	0.577	0.02 (-0.05, 0.09)
12882_7	PARP11	PAR11	226	0.003	0.019	0.874	3.01e-03 (-0.03, 0.04)	0.961	0.076	-0.004	0.041	0.913	-4.46e-03 (-0.08, 0.08)	0.000	0.833	-0.037	0.033	0.261	-0.04 (-0.10, 0.03)	-0.037	0.040	0.353	-0.04 (-0.11, 0.04)
12988_49	EWSR1	EWS	226	-0.003	0.019	0.876	-2.97e-03 (-0.04, 0.03	0.961	0.381	0.010	0.039	0.799	0.01 (-0.07, 0.09)	-0.001	0.703	0.020	0.039	0.615	0.02 (-0.06, 0.10)	0.033	0.040	0.413	0.03 (-0.05, 0.11)
13463_1	PXDN	PXDN	226	0.003	0.020	0.876	3.18e-03 (-0.04, 0.04)	0.961	0.017	-0.053	0.041	0.195	-0.05 (-0.13, 0.03)	0.004	0.114	-0.022	0.039	0.569	-0.02 (-0.10, 0.05)	-0.045	0.038	0.233	-0.04 (-0.12, 0.03)
14052_26	UNC13A	UN13A	226	-0.003	0.020	0.876	-3.06e-03 (-0.04, 0.04	0.961	0.942	0.015	0.039	0.701	0.02 (-0.06, 0.09)	-0.001	0.595	-0.013	0.040	0.749	-0.01 (-0.09, 0.07)	-0.015	0.042	0.723	-0.01 (-0.10, 0.07)
15486_126	AOC1	ABP1	226	-0.003	0.022	0.874	-3.50e-03 (-0.05, 0.04	0.961	0.001	-0.018	0.044	0.694	-0.02 (-0.10, 0.07)	0.001	0.717	-0.007	0.040	0.871	-0.01 (-0.09, 0.07)	-0.029	0.043	0.492	-0.03 (-0.11, 0.05)
17344_23	STOML1	STML1	226	-0.003	0.019	0.874	-3.07e-03 (-0.04, 0.03	0.961	0.459	0.023	0.039	0.559	0.02 (-0.05, 0.10)	-0.002	0.445	-0.004	0.037	0.919	-3.78e-03 (-0.08, 0.	0.019	0.039	0.630	0.02 (-0.06, 0.09)
17802_4	NANS	SIAS	226	0.003	0.019	0.875	2.95e-03 (-0.03, 0.04)	0.961	0.954	0.004	0.038	0.915	4.07e-03 (-0.07, 0.08)	0.000	0.973	-0.012	0.034	0.737	-0.01 (-0.08, 0.06)	0.000	0.036	0.990	-4.49e-04 (-0.07, 0.07)
17829_2	TREX2	TREX2	226	0.003	0.020	0.874	3.09e-03 (-0.04, 0.04)	0.961	0.138	0.009	0.041	0.828	0.01 (-0.07, 0.09)	0.000	0.869	0.026	0.040	0.516	0.03 (-0.05, 0.10)	0.030	0.041	0.472	0.03 (-0.05, 0.11)
18170_46	PYCR1	P5CR1	226	-0.003	0.019	0.876	-3.04e-03 (-0.04, 0.04	0.961	0.639	0.020	0.039	0.608	0.02 (-0.06, 0.10)	-0.001	0.496	0.004	0.041	0.928	3.70e-03 (-0.08, 0.0	-0.001	0.039	0.978	-1.11e-03 (-0.08, 0.08)
18228_30	NOP16	NOP16	226	-0.003	0.019	0.875	-2.98e-03 (-0.04, 0.03	0.961	0.124	0.014	0.040	0.722	0.01 (-0.06, 0.09)	-0.001	0.621	-0.005	0.038	0.889	-0.01 (-0.08, 0.07)	0.004	0.038	0.913	4.15e-03 (-0.07, 0.08)
19134_66	POLR2K	RPAB4	226	0.003	0.018	0.876	2.81e-03 (-0.03, 0.04)	0.961	0.726	0.024	0.036	0.515	0.02 (-0.05, 0.09)	-0.001	0.508	-0.023	0.031	0.451	-0.02 (-0.08, 0.04)	-0.014	0.040	0.721	-0.01 (-0.09, 0.06)
19223_6	RAB1A	RAB1A	226	-0.003	0.019	0.874	-3.01e-03 (-0.04, 0.03	0.961	0.140	-0.001	0.040	0.971	-1.48e-03 (-0.08, 0.08)	0.000	0.965	-0.029	0.038	0.455	-0.03 (-0.10, 0.05)	-0.012	0.043	0.780	-0.01 (-0.10, 0.07)
19620_16	DLG2	DLG2	226	-0.003	0.018	0.876	-2.86e-03 (-0.04, 0.03	0.961	0.780	-0.030	0.037	0.421	-0.03 (-0.10, 0.04)	0.002	0.402	-0.050	0.034	0.142	-0.05 (-0.12, 0.02)	-0.044	0.037	0.237	-0.04 (-0.12, 0.03)
2953_31	CGA	Luteinizing	226	-0.003	0.016	0.875	-2.54e-03 (-0.03, 0.03	0.961	0.593	-0.003	0.033	0.934	-2.71e-03 (-0.07, 0.06)	0.000	0.995	-0.035	0.031	0.257	-0.03 (-0.09, 0.03)	-0.021	0.034	0.547	-0.02 (-0.09, 0.05)
3727_35	PYY	PYY	226	0.003	0.019	0.876	3.03e-03 (-0.03, 0.04)	0.961	0.547	0.011	0.039	0.785	0.01 (-0.07, 0.09)	0.000	0.822	-0.020	0.035	0.566	-0.02 (-0.09, 0.05)	-0.028	0.045	0.534	-0.03 (-0.12, 0.06)
4986_59	PTK2	FAK1	226	-0.003	0.020	0.872	-3.15e-03 (-0.04, 0.04	0.961	0.775	0.062	0.039	0.118	0.06 (-0.02, 0.14)	-0.004	0.059	0.007	0.041	0.867	0.01 (-0.07, 0.09)	0.015	0.041	0.721	0.01 (-0.07, 0.10)
5363_51	SEMA3E	Semaphori	226	-0.003	0.019	0.874	-3.05e-03 (-0.04, 0.03	0.961	0.084	0.047	0.041	0.260	0.05 (-0.03, 0.13)	-0.003	0.167	0.017	0.039	0.671	0.02 (-0.06, 0.09)	-0.008	0.042	0.841	-0.01 (-0.09, 0.07)
6649_51	NTN1	NET1	226	0.003	0.021	0.872	3.31e-03 (-0.04, 0.04)	0.961	0.019	0.040	0.041	0.341	0.04 (-0.04, 0.12)	-0.002	0.315	0.041	0.038	0.288	0.04 (-0.03, 0.12)	0.036	0.036	0.325	0.04 (-0.04, 0.11)
9341_1	PDGFD	PDGFD	226	0.003	0.018	0.872	2.88e-03 (-0.03, 0.04)	0.961	0.232	0.015	0.037	0.679	0.02 (-0.06, 0.09)	-0.001	0.698	0.005	0.037	0.887	0.01 (-0.07, 0.08)	0.004	0.039	0.927	3.53e-03 (-0.07, 0.08)
9893_27	OAZ1	Ornithine de	226	0.003	0.019	0.876	2.90e-03 (-0.03, 0.04)	0.961	0.302	-0.036	0.038	0.345	-0.04 (-0.11, 0.04)	0.002	0.241	-0.016	0.039	0.683	-0.02 (-0.09, 0.06)	-0.010	0.042	0.818	-0.01 (-0.09, 0.07)
9918_23	CALB1	Calbindin D	226	-0.003	0.019	0.876	-2.93e-03 (-0.04, 0.03	0.961	0.243	0.015	0.039	0.696	0.02 (-0.06, 0.09)	-0.001	0.591	-0.001	0.033	0.979	-8.90e-04 (-0.07, 0.	0.007	0.040	0.857	0.01 (-0.07, 0.09)
11116_16	C11orf87	CK087	226	0.003	0.022	0.878	3.38e-03 (-0.04, 0.05)	0.961	0.005	0.051	0.044	0.245	0.05 (-0.03, 0.14)	-0.003	0.210	0.040	0.033	0.234	0.04 (-0.03, 0.11)	0.046	0.043	0.278	0.05 (-0.04, 0.13)
17515_6	HSPA13	STCH	226	-0.003	0.021	0.878	-3.23e-03 (-0.04, 0.04	0.961	0.006	0.020	0.042	0.637	0.02 (-0.06, 0.10)	-0.001	0.528	-0.038	0.042	0.359	-0.04 (-0.12, 0.04)	-0.048	0.037	0.198	-0.05 (-0.12, 0.02)
3447_64	CXCL8	IL-8	226	0.003	0.019	0.878	2.97e-03 (-0.03, 0.04)	0.961	0.397	0.040	0.039	0.307	0.04 (-0.04, 0.12)	-0.002	0.276	0.010	0.041	0.806	0.01 (-0.07, 0.09)	0.036	0.040	0.370	0.04 (-0.04, 0.11)
5094_62	AMICA1	JAML1	226	-0.003	0.019	0.877	-3.01e-03 (-0.04, 0.04	0.961	0.770	-0.030	0.039	0.443	-0.03 (-0.11, 0.05)	0.002	0.426	-0.011	0.040	0.778	-0.01 (-0.09, 0.07)	-0.026	0.042	0.541	-0.03 (-0.11, 0.06)
5861_78	HAAO	3HAO	226	0.003	0.019	0.878	2.92e-03 (-0.03, 0.04)	0.961	0.054	0.006	0.041	0.885	0.01 (-0.07, 0.09)	0.000	0.932	-0.015	0.039	0.693	-0.02 (-0.09, 0.06)	-0.002	0.046	0.961	-2.26e-03 (-0.09, 0.09)
6407_63	LAD1	LAD1	226	0.003	0.019	0.877	2.98e-03 (-0.03, 0.04)	0.961	0.183	0.065	0.040	0.106	0.07 (-0.01, 0.14)	-0.004	0.076	0.016	0.039	0.688	0.02 (-0.06, 0.09)	0.001	0.041	0.972	1.45e-03 (-0.08, 0.08)
9934_29	PITPNA	PIPNA	226	-0.003	0.019	0.877	-2.91e-03 (-0.04, 0.03	0.961	0.409	-0.009	0.038	0.807	-0.01 (-0.08, 0.07)	0.000	0.847	-0.028	0.035	0.421	-0.03 (-0.10, 0.04)	-0.020	0.040	0.613	-0.02 (-0.10, 0.06)
12781_2	TARBP2	TRBP2	226	-0.003	0.019	0.879	-2.85e-03 (-0.04, 0.03	0.962	0.787	-0.040	0.038	0.287	-0.04 (-0.11, 0.03)	0.002	0.255	-0.054	0.034	0.117	-0.05 (-0.12, 0.01)	-0.068	0.038	0.073	-0.07 (-0.14, 0.01)
11098_1	PDXK	PDXK	226	-0.003	0.019	0.880	-2.94e-03 (-0.04, 0.04	0.962	0.480	0.031	0.039	0.434	0.03 (-0.05, 0.11)	-0.002	0.324	0.026	0.037	0.472	0.03 (-0.05, 0.10)	0.005	0.040	0.901	4.99e-03 (-0.07, 0.08)
16851_50	SCO2	SCO2	226	0.003	0.018	0.880	2.71e-03 (-0.03, 0.04)	0.962	0.610	-0.036	0.036	0.313	-0.04 (-0.11, 0.03)	0.002	0.212	-0.021	0.031	0.490	-0.02 (-0.08, 0.04)	-0.052	0.040	0.196	-0.05 (-0.13, 0.03)
19294_26	CRIPT	CRIPT	226	0.003	0.022	0.880	3.29e-03 (-0.04, 0.05)	0.962	0.006	-0.022	0.044	0.610	-0.02 (-0.11, 0.06)	0.002	0.500	0.004	0.041	0.925	3.91e-03 (-0.08, 0.0	-0.001	0.043	0.984	-8.86e-04 (-0.09, 0.08)
3347_9	ADRBK1	BARK1	226	0.003	0.018	0.880	2.77e-03 (-0.03, 0.04)	0.962	0.834	-0.006	0.037	0.875	-0.01 (-0.08, 0.07)	0.001	0.789	-0.040	0.031	0.198	-0.04 (-0.10, 0.02)	-0.044	0.042	0.294	-0.04 (-0.13, 0.04)
5481_16	RASA1	RASA1	226	-0.003	0.019	0.880	-2.89e-03 (-0.04, 0.03	0.962	0.526	0.018	0.039	0.633	0.02 (-0.06, 0.09)	-0.001	0.524	0.007	0.038	0.856	0.01 (-0.07, 0.08)	-0.004	0.041	0.917	-4.27e-03 (-0.08, 0.08)
17398_55	HMOX1	HO-1	226	-0.003	0.022	0.881	-3.28e-03 (-0.05, 0.04	0.962	0.001	0.076	0.044	0.083	0.08 (-0.01, 0.16)	-0.005	0.037	0.018	0.032	0.575	0.02 (-0.04, 0.08)	0.015	0.038	0.691	0.02 (-0.06, 0.09)
8080_24	MSMP	PSMP	226	-0.003	0.019	0.880	-2.88e-03 (-0.04, 0.03	0.962	0.095	-0.001	0.041	0.981	-9.58e-04 (-0.08, 0.08)	0.000	0.957	0.010	0.040	0.809	0.01 (-0.07, 0.09)	0.009	0.037	0.811	0.01 (-0.06, 0.08)
9451_20	UMOD	Uromodulin	226	0.003	0.018	0.881	2.77e-03 (-0.03, 0.04)	0.962	0.405	0.027	0.038	0.472	0.03 (-0.05, 0.10)	-0.002	0.457	0.021	0.035	0.541	0.02 (-0.05, 0.09)	0.023	0.039	0.545	0.02 (-0.05, 0.10)
11486_26	ZNF174	ZN174	226	-0.003	0.019	0.882	-2.89e-03 (-0.04, 0.04	0.963	0.118	0.012	0.041	0.769	0.01 (-0.07, 0.09)	-0.001	0.676	0.018	0.041	0.654	0.02 (-0.06, 0.10)	0.010	0.044	0.815	0.01 (-0.08, 0.10)
12368_18	KAT2B	PCAF	226	0.003	0.019	0.884	2.72e-03 (-0.03, 0.04)	0.963	0.122	0.033	0.040	0.404	0.03 (-0.04, 0.11)	-0.002	0.378	-0.023	0.035	0.514	-0.02 (-0.09, 0.05)	0.005	0.041	0.906	4.82e-03 (-0.08, 0.08)
13228_75	MDM2	MDM2	226	-0.003	0.020	0.882	-2.92e-03 (-0.04, 0.04	0.963	0.452	-0.008	0.040	0.850	-0.01 (-0.09, 0.07)	0.000	0.894	-0.017	0.041	0.673	-0.02 (-0.10, 0.06)	0.003	0.043	0.950	2.66e-03 (-0.08, 0.09)
15566_10	CNN1	Calponin-1	226	-0.003	0.019	0.884	-2.79e-03 (-0.04, 0.03	0.963	0.017	0.014	0.038	0.706	0.01 (-0.06, 0.09)	-0.001	0.605	-0.019	0.036	0.596	-0.02 (-0.09, 0.05)	-0.024	0.036	0.507	-0.02 (-0.10, 0.05)
16792_4	SIGLEC5	Siglec-5	226	0.003	0.019	0.884	2.84e-03 (-0.04, 0.04)	0.963	0.530	-0.028	0.039	0.478	-0.03 (-0.10, 0.05)	0.002	0.368	0.004	0.042	0.922	4.09e-03 (-0.08, 0.0	-0.008	0.044	0.850	-0.01 (-0.09, 0.08)
17676_13	TRIP10	CIP4	226	0.003	0.018	0.883	2.72e-03 (-0.03, 0.04)	0.963	0.587	0.016	0.037	0.672	0.02 (-0.06, 0.09)	-0.001	0.687	0.013	0.030	0.660	0.01 (-0.05, 0.07)	0.001	0.039	0.989	5.42e-04 (-0.08, 0.08)
18277_28	TRIAP1	TRIA1	226	0.003	0.019	0.883	2.85e-03 (-0.04, 0.04)	0.963	0.956	0.012	0.039	0.761	0.01 (-0.06, 0.09)	-0.001	0.790	0.011	0.038	0.769	0.01 (-0.06, 0.09)	0.014	0.038	0.721	0.01 (-0.06, 0.09)
3171_57	APP	amyloid pre	226	0.003	0.018	0.884	2.58e-03 (-0.03, 0.04)	0.963	0.335	-0.018	0.036	0.613	-0.02 (-0.09, 0.05)	0.001	0.507	-0.001	0.030	0.971	-1.06e-03 (-0.06, 0.	-0.015	0.038	0.685	-0.02 (-0.09, 0.06)
5112_73	CD200	OX2G	226	-0.004	0.028	0.883	-4.08e-03 (-0.06, 0.05	0.963	2.10E-17	0.079	0.056	0.159	0.08 (-0.03, 0.19)	-0.005	0.088	0.030	0.040	0.459	0.03 (-0.05, 0.11)	0.029	0.042	0.493	0.03 (-0.05, 0.11)
6576_1	ART4	ART4	226	0.003	0.019	0.883	2.80e-03 (-0.03, 0.04)	0.963	0.236	0.051	0.040	0.202	0.05 (-0.03, 0.13)	-0.003	0.165	0.053	0.037	0.147	0.05 (-0.02, 0.12)	0.053	0.042	0.205	0.05 (-0.03, 0.14)
6920_1	GFRAL	GFRAL	226	0.003	0.019	0.883	2.85e-03 (-0.04, 0.04)	0.963	0.547	0.008	0.039	0.834	0.01 (-0.07, 0.08)	0.000	0.876	0.026	0.037	0.482	0.03 (-0.05, 0.10)	0.024	0.039	0.540	0.02 (-0.05, 0.10)
7193_98	PCDHAC1	PCDC1	226	-0.003	0.018	0.882	-2.70e-03 (-0.04, 0.03	0.963	0.798	-0.021	0.037	0.570	-0.02 (-0.09, 0.05)	0.001	0.570	-0.028	0.030	0.356	-0.03 (-0.09, 0.03)	-0.020	0.037	0.587	-0.02 (-0.09, 0.05)
7551_33	LRRC32	LRC32	226	0.005	0.032	0.882	4.71e-03 (-0.06, 0.07)	0.963	8.55E-48	0.045	0.064	0.479	0.05 (-0.08, 0.17)	-0.003	0.465	0.006	0.038	0.866	0.01 (-0.07, 0.08)	-0.001	0.040	0.986	-7.05e-04 (-0.08, 0.08)
9064_12	RNF215	RN215	226	-0.003	0.019	0.882	-2.76e-03 (-0.04, 0.03	0.963	0.772	-0.026	0.037	0.486	-0.03 (-0.10, 0.05)	0.001	0.473	-0.027	0.032	0.401	-0.03 (-0.09, 0.04)	-0.027	0.040	0.494	-0.03 (-0.11, 0.05)
9114_84	UMODL1	UROL1	226	0.003	0.020	0.881	2.92e-03 (-0.04, 0.04)	0.963	0.255	-0.013	0.041	0.755	-0.01 (-0.09, 0.07)	0.001	0.659	-0.045	0.036	0.209	-0.05 (-0.12, 0.03)	-0.042	0.042	0.317	-0.04 (-0.12, 0.04)
9226_6	TMUB2	TMUB2	226	0.003	0.019	0.884	2.84e-03 (-0.04, 0.04)	0.963	0.132	0.006	0.041	0.884	0.01 (-0.07, 0.09)	0.000	0.930	-0.004	0.041	0.925	-3.91e-03 (-0.08, 0.	-0.008	0.044	0.859	-0.01 (-0.09, 0.08)
9923_6	SOS1	SOS1	226	-0.003	0.020	0.884	-2.85e-03 (-0.04, 0.04	0.963	0.435	0.055	0.039	0.167	0.05 (-0.02, 0.13)	-0.004	0.094	0.037	0.033	0.264	0.04 (-0.03, 0.10)	0.043	0.039	0.270	0.04 (-0.03, 0.12)
18821_9	C4A	C4a	226	0.003	0.019	0.885	2.81e-03 (-0.04, 0.04)	0.963	0.479	-0.018	0.039	0.639	-0.02 (-0.10, 0.06)	0.001	0.534	-0.029	0.037	0.424	-0.03 (-0.10, 0.04)	-0.017	0.036	0.651	-0.02 (-0.09, 0.05)
9486_13	DEFB125	DB125	226	-0.003	0.020	0.886	-2.81e-03 (-0.04, 0.04	0.964	0.408	-0.005	0.040	0.909	-4.58e-03 (-0.08, 0.07)	0.000	0.959	-0.032	0.039	0.416	-0.03 (-0.11, 0.04)	-0.029	0.044	0.507	-0.03 (-0.12, 0.06)
9950_229	LAG3	LAG-3	226	0.003	0.021	0.886	3.03e-03 (-0.04, 0.04)	0.964	0.034	0.010	0.043	0.812	0.01 (-0.07, 0.09)	0.000	0.848	-0.011	0.041	0.779	-0.01 (-0.09, 0.07)	-0.015	0.040	0.715	-0.01 (-0.09, 0.06)
17140_57	PDGFD	PDGFD	226	0.003	0.020	0.886	2.91e-03 (-0.04, 0.04)	0.964	0.044	0.028	0.041	0.495	0.03 (-0.05, 0.11)	-0.002	0.481	0.006	0.040	0.890	0.01 (-0.07, 0.08)	0.028	0.042	0.515	0.03 (-0.06, 0.11)
5837_49	LIFR	LIF sR	226	-0.003	0.020	0.886	-2.93e-03 (-0.04, 0.04	0.964	0.026	0.100	0.041	0.015	0.10 (0.02, 0.18)	-0.006	0.004	0.049	0.037	0.176	0.05 (-0.02, 0.12)	0.044	0.038	0.252	0.04 (-0.03, 0.12)
6425_87	MMP19	MMP19	226	0.003	0.022	0.886	3.12e-03 (-0.04, 0.05)	0.964	0.001	-0.003	0.044	0.950	-2.75e-03 (-0.09, 0.08)	0.000	0.878	-0.037	0.037	0.324	-0.04 (-0.11, 0.04)	-0.022	0.040	0.579	-0.02 (-0.10, 0.06)
8066_38	SYT9	SYT9	226	0.003	0.019	0.887	2.75e-03 (-0.04, 0.04)	0.964	0.210	-0.016	0.040	0.699	-0.02 (-0.09, 0.06)	0.001	0.600	0.034	0.034	0.321	0.03 (-0.03, 0.10)	0.015	0.039	0.703	0.01 (-0.06, 0.09)
15472_16	LRP11	LRP11	226	0.003	0.021	0.887	2.97e-03 (-0.04, 0.04)	0.964	0.044	0.045	0.042	0.288	0.04 (-0.04, 0.13)	-0.003	0.253	0.047	0.035	0.182	0.05 (-0.02, 0.12)	0.016	0.043	0.703	0.02 (-0.07, 0.10)
2247_20	PROK1	EG-VEGF	226	-0.003	0.019	0.887	-2.74e-03 (-0.04, 0.04	0.964	0.111	0.016	0.041	0.700	0.02 (-0.06, 0.10)	-0.001	0.603	0.011	0.041	0.794	0.01 (-0.07, 0.09)	0.004	0.042	0.917	4.42e-03 (-0.08, 0.09)
9329_28	TREML1	TRML1	226	-0.003	0.018	0.888	-2.60e-03 (-0.04, 0.03	0.964	0.484	-0.021	0.037	0.582	-0.02 (-0.09, 0.05)	0.001	0.580	-0.038	0.034	0.269	-0.04 (-0.10, 0.03)	-0.018	0.040	0.652	-0.02 (-0.10, 0.06)
9826_135	FHIT	Fragile histi	226	-0.003	0.018	0.888	-2.56e-03 (-0.04, 0.03	0.964	0.800	-0.011	0.036	0.766	-0.01 (-0.08, 0.06)	0.001	0.793	0.004	0.030	0.905	3.58e-03 (-0.06, 0.0	-0.014	0.042	0.739	-0.01 (-0.10, 0.07)
10647_18	ASCC1	ASCC1	226	-0.003	0.018	0.888	-2.55e-03 (-0.04, 0.03	0.964	0.587	-0.029	0.037	0.426	-0.03 (-0.10, 0.04)	0.002	0.403	-0.033	0.032	0.299	-0.03 (-0.10, 0.03)	-0.034	0.040	0.405	-0.03 (-0.11, 0.05)
10800_15	SERPINH1	Collagen-bi	226	-0.002	0.018	0.891	-2.41e-03 (-0.04, 0.03	0.964	0.778	-0.026	0.035	0.462	-0.03 (-0.10, 0.04)	0.001	0.442	-0.019	0.028	0.483	-0.02 (-0.07, 0.03)	-0.029	0.039	0.461	-0.03 (-0.11, 0.05)
12016_60	CBL	CBL	226	-0.003	0.018	0.890	-2.54e-03 (-0.04, 0.03	0.964	0.465	0.016	0.037	0.671	0.02 (-0.06, 0.09)	-0.001	0.569	-0.004	0.039	0.918	-4.02e-03 (-0.08, 0.	-0.002	0.041	0.952	-2.45e-03 (-0.08, 0.08)
12357_41	SNAP29	SNP29	226	-0.003	0.018	0.892	-2.50e-03 (-0.04, 0.03	0.964	0.755	-0.018	0.037	0.635	-0.02 (-0.09, 0.06)	0.001	0.639	-0.047	0.036	0.197	-0.05 (-0.12, 0.02)	-0.049	0.037	0.195	-0.05 (-0.12, 0.02)
12420_10	GPD1L	GPD1L	226	-0.003	0.019	0.891	-2.65e-03 (-0.04, 0.04	0.964	0.061	-0.074	0.042	0.078	-0.07 (-0.16, 0.01)	0.004	0.051	-0.022	0.041	0.592	-0.02 (-0.10, 0.06)	-0.032	0.040	0.427	-0.03 (-0.11, 0.05)
15375_49	CPB1	Carboxype	226	-0.004	0.031	0.892	-4.20e-03 (-0.06, 0.06	0.964	1.01E-32	0.121	0.062	0.051	0.12 (3.30e-04, 0.24)	-0.008	0.020	0.007	0.039	0.847	0.01 (-0.07, 0.08)	0.016	0.039	0.686	0.02 (-0.06, 0.09)
15540_6	VIM	Vimentin	226	0.003	0.021	0.889	2.87e-03 (-0.04, 0.04)	0.964	0.005	-0.017	0.042	0.686	-0.02 (-0.10, 0.06)	0.001	0.586	-0.002	0.040	0.953	-2.33e-03 (-0.08, 0.	-0.004	0.038	0.925	-3.64e-03 (-0.08, 0.07)
18243_9	CMPK1	Cytidylate k	226	-0.003	0.019	0.889	-2.66e-03 (-0.04, 0.03	0.964	0.158	0.007	0.040	0.863	0.01 (-0.07, 0.09)	-0.001	0.784	-0.012	0.038	0.751	-0.01 (-0.09, 0.06)	0.015	0.044	0.727	0.02 (-0.07, 0.10)
18837_9	SGTB	SGTB	226	-0.003	0.020	0.891	-2.67e-03 (-0.04, 0.04	0.964	0.665	-0.028	0.039	0.481	-0.03 (-0.10, 0.05)	0.002	0.463	0.017	0.036	0.645	0.02 (-0.05, 0.09)	0.005	0.042	0.897	0.01 (-0.08, 0.09)
18904_23	CAMK4	KCC4	226	-0.003	0.019	0.890	-2.68e-03 (-0.04, 0.04	0.964	0.600	0.047	0.039	0.227	0.05 (-0.03, 0.12)	-0.003	0.142	0.029	0.039	0.457	0.03 (-0.05, 0.11)	0.022	0.041	0.590	0.02 (-0.06, 0.10)
18909_11	EXOSC8	EXOS8	226	-0.003	0.019	0.891	-2.63e-03 (-0.04, 0.03	0.964	0.775	0.042	0.038	0.276	0.04 (-0.03, 0.12)	-0.003	0.183	0.008	0.039	0.828	0.01 (-0.07, 0.08)	0.040	0.041	0.330	0.04 (-0.04, 0.12)
3052_8	FASLG	Fas ligand,	226	0.003	0.019	0.892	2.57e-03 (-0.03, 0.04)	0.964	0.762	0.007	0.038	0.860	0.01 (-0.07, 0.08)	0.000	0.900	0.037	0.040	0.350	0.04 (-0.04, 0.11)	0.052	0.044	0.238	0.05 (-0.03, 0.14)
3322_52	LRIG3	LRIG3	226	-0.003	0.018	0.889	-2.56e-03 (-0.04, 0.03	0.964	0.862	0.056	0.037	0.133	0.06 (-0.02, 0.13)	-0.004	0.071	0.032	0.035	0.359	0.03 (-0.04, 0.10)	0.035	0.043	0.423	0.03 (-0.05, 0.12)
3449_58	SERPINA4	Kallistatin	226	0.003	0.021	0.891	2.88e-03 (-0.04, 0.04)	0.964	0.028	0.077	0.042	0.067	0.08 (-0.01, 0.16)	-0.005	0.043	0.031	0.041	0.457	0.03 (-0.05, 0.11)	0.024	0.042	0.575	0.02 (-0.06, 0.11)
5615_62	FAM172A	F172A	226	0.003	0.019	0.890	2.59e-03 (-0.03, 0.04)	0.964	0.821	-0.011	0.038	0.770	-0.01 (-0.09, 0.06)	0.001	0.677	-0.043	0.032	0.187	-0.04 (-0.11, 0.02)	-0.044	0.038	0.250	-0.04 (-0.12, 0.03)
7070_25	KEL	KELL	226	0.003	0.019	0.890	2.67e-03 (-0.04, 0.04)	0.964	0.135	0.026	0.041	0.532	0.03 (-0.05, 0.11)	-0.001	0.519	-0.007	0.039	0.865	-0.01 (-0.08, 0.07)	0.013	0.038	0.738	0.01 (-0.06, 0.09)
7146_16	PDIA4	PDIA4	226	0.003	0.019	0.891	2.59e-03 (-0.03, 0.04)	0.964	0.445	0.018	0.038	0.631	0.02 (-0.06, 0.09)	-0.001	0.634	-0.031	0.038	0.422	-0.03 (-0.11, 0.04)	-0.041	0.041	0.314	-0.04 (-0.12, 0.04)
7920_30	ST8SIA2	SIA8B	226	0.003	0.020	0.892	2.66e-03 (-0.04, 0.04)	0.964	0.865	0.050	0.039	0.202	0.05 (-0.03, 0.13)	-0.003	0.164	0.043	0.036	0.233	0.04 (-0.03, 0.11)	0.017	0.036	0.645	0.02 (-0.05, 0.09)
8021_59	MRPL14	RM14	226	-0.003	0.019	0.891	-2.61e-03 (-0.04, 0.03	0.964	0.440	-0.014	0.039	0.712	-0.01 (-0.09, 0.06)	0.001	0.728	-0.045	0.032	0.156	-0.05 (-0.11, 0.02)	-0.044	0.038	0.253	-0.04 (-0.12, 0.03)
8468_19	KLK3	PSA	226	0.002	0.012	0.889	1.72e-03 (-0.02, 0.03)	0.964	0.429	0.043	0.025	0.082	0.04 (-0.01, 0.09)	-0.003	0.054	0.021	0.024	0.389	0.02 (-0.03, 0.07)	0.013	0.024	0.597	0.01 (-0.03, 0.06)
9030_56	C17orf89	CQ089	226	-0.003	0.018	0.889	-2.54e-03 (-0.04, 0.03	0.964	0.078	-0.025	0.039	0.528	-0.02 (-0.10, 0.05)	0.001	0.515	-0.022	0.038	0.561	-0.02 (-0.10, 0.05)	0.020	0.042	0.639	0.02 (-0.06, 0.10)
9049_2	SLC16A3	MOT4	226	-0.003	0.019	0.888	-2.73e-03 (-0.04, 0.04	0.964	0.186	0.012	0.041	0.777	0.01 (-0.07, 0.09)	-0.001	0.686	0.017	0.040	0.676	0.02 (-0.06, 0.09)	0.011	0.045	0.800	0.01 (-0.08, 0.10)
9401_57	TRABD2A	CB089	226	-0.003	0.018	0.889	-2.55e-03 (-0.04, 0.03	0.964	0.394	0.002	0.037	0.961	1.84e-03 (-0.07, 0.08)	0.000	0.893	-0.023	0.035	0.508	-0.02 (-0.09, 0.05)	-0.012	0.037	0.747	-0.01 (-0.09, 0.06)
11459_81	ELL	ELL	226	0.003	0.022	0.894	2.93e-03 (-0.04, 0.05)	0.965	0.005	-0.016	0.044	0.724	-0.02 (-0.10, 0.07)	0.001	0.629	0.040	0.036	0.266	0.04 (-0.03, 0.11)	0.017	0.043	0.698	0.02 (-0.07, 0.10)
12743_18	BAG5	BAG5	226	0.003	0.020	0.894	2.61e-03 (-0.04, 0.04)	0.965	0.459	-0.007	0.040	0.863	-0.01 (-0.08, 0.07)	0.001	0.784	0.025	0.037	0.493	0.03 (-0.05, 0.10)	0.035	0.045	0.442	0.03 (-0.05, 0.12)
17856_23	NT5M	NT5M	226	0.002	0.018	0.894	2.36e-03 (-0.03, 0.04)	0.965	0.108	0.007	0.038	0.851	0.01 (-0.07, 0.08)	0.000	0.885	-0.048	0.031	0.123	-0.05 (-0.11, 0.01)	-0.034	0.037	0.356	-0.03 (-0.11, 0.04)
4771_10	SMPDL3A	ASM3A	226	-0.002	0.019	0.893	-2.48e-03 (-0.04, 0.03	0.965	0.594	0.037	0.037	0.318	0.04 (-0.04, 0.11)	-0.002	0.220	0.039	0.035	0.262	0.04 (-0.03, 0.11)	0.026	0.039	0.515	0.03 (-0.05, 0.10)
6354_13	HEPHL1	HPHL1	226	0.003	0.021	0.894	2.83e-03 (-0.04, 0.04)	0.965	0.039	-0.037	0.043	0.391	-0.04 (-0.12, 0.05)	0.002	0.287	0.013	0.042	0.755	0.01 (-0.07, 0.10)	0.010	0.043	0.821	0.01 (-0.07, 0.09)
7207_4	IK	RED	226	0.002	0.019	0.894	2.50e-03 (-0.03, 0.04)	0.965	0.695	0.027	0.038	0.477	0.03 (-0.05, 0.10)	-0.002	0.457	-0.046	0.033	0.165	-0.05 (-0.11, 0.02)	-0.039	0.039	0.327	-0.04 (-0.12, 0.04)
13545_97	EIF1AD	EIF1A	226	0.002	0.019	0.895	2.47e-03 (-0.03, 0.04)	0.965	0.529	-0.015	0.038	0.694	-0.01 (-0.09, 0.06)	0.001	0.597	-0.020	0.031	0.532	-0.02 (-0.08, 0.04)	-0.045	0.041	0.272	-0.04 (-0.12, 0.04)
15482_12	A2ML1	A2ML1	226	-0.003	0.022	0.895	-2.85e-03 (-0.05, 0.04	0.965	0.012	0.074	0.043	0.088	0.07 (-0.01, 0.16)	-0.005	0.041	0.058	0.037	0.120	0.06 (-0.01, 0.13)	0.054	0.049	0.279	0.05 (-0.04, 0.15)
17726_3	SAR1A	SAR1A	226	-0.002	0.018	0.895	-2.32e-03 (-0.04, 0.03	0.965	0.644	-0.012	0.035	0.727	-0.01 (-0.08, 0.06)	0.001	0.744	-0.032	0.031	0.299	-0.03 (-0.09, 0.03)	-0.041	0.037	0.277	-0.04 (-0.11, 0.03)
18414_26	ARL5A	ARL5A	226	0.003	0.019	0.894	2.56e-03 (-0.04, 0.04)	0.965	0.755	0.074	0.039	0.059	0.07 (-2.39e-03, 0.15)	-0.004	0.036	0.025	0.032	0.449	0.02 (-0.04, 0.09)	0.075	0.048	0.119	0.07 (-0.02, 0.17)
3538_26	DDC	dopa decar	226	-0.003	0.020	0.895	-2.58e-03 (-0.04, 0.04	0.965	0.468	0.076	0.039	0.055	0.08 (-1.23e-03, 0.15)	-0.005	0.022	0.034	0.037	0.362	0.03 (-0.04, 0.11)	0.033	0.038	0.391	0.03 (-0.04, 0.11)
8061_102	FAM171B	F171B	226	-0.003	0.019	0.895	-2.56e-03 (-0.04, 0.04	0.965	0.618	-0.029	0.039	0.462	-0.03 (-0.11, 0.05)	0.002	0.440	0.003	0.036	0.935	2.94e-03 (-0.07, 0.0	-0.006	0.042	0.893	-0.01 (-0.09, 0.08)
7071_23	MAN1B1	MA1B1	226	0.003	0.019	0.896	2.51e-03 (-0.03, 0.04)	0.965	0.531	0.081	0.039	0.036	0.08 (0.01, 0.16)	-0.005	0.019	0.019	0.031	0.524	0.02 (-0.04, 0.08)	0.042	0.040	0.302	0.04 (-0.04, 0.12)
9345_436	WFDC13	WFD13	226	-0.003	0.020	0.896	-2.54e-03 (-0.04, 0.04	0.966	0.046	-0.014	0.039	0.726	-0.01 (-0.09, 0.06)	0.001	0.742	-0.015	0.037	0.684	-0.02 (-0.09, 0.06)	-0.004	0.039	0.916	-4.16e-03 (-0.08, 0.07)
11402_17	KMT2C	KMT2C	226	-0.003	0.021	0.899	-2.66e-03 (-0.04, 0.04	0.966	0.033	0.040	0.042	0.342	0.04 (-0.04, 0.12)	-0.003	0.244	0.009	0.036	0.810	0.01 (-0.06, 0.08)	-0.013	0.048	0.791	-0.01 (-0.11, 0.08)
12453_161	NXF1	NXF1	226	0.002	0.018	0.899	2.30e-03 (-0.03, 0.04)	0.966	0.113	0.039	0.039	0.316	0.04 (-0.04, 0.11)	-0.002	0.277	-0.043	0.031	0.170	-0.04 (-0.10, 0.02)	-0.046	0.039	0.241	-0.05 (-0.12, 0.03)
12783_29	HNRNPM	HNRPM	226	0.002	0.018	0.898	2.31e-03 (-0.03, 0.04)	0.966	0.074	0.034	0.039	0.384	0.03 (-0.04, 0.11)	-0.002	0.350	-0.033	0.034	0.330	-0.03 (-0.10, 0.03)	-0.018	0.039	0.636	-0.02 (-0.09, 0.06)
12786_61	GPCPD1	GDE5	226	0.002	0.018	0.898	2.34e-03 (-0.03, 0.04)	0.966	0.717	-0.012	0.037	0.744	-0.01 (-0.08, 0.06)	0.001	0.653	-0.024	0.034	0.487	-0.02 (-0.09, 0.04)	-0.019	0.038	0.616	-0.02 (-0.09, 0.05)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				Inverse variance weighted						MR Egger						Weighted median				Weighted mode			
SomaLogic	Gene	Protein	nsnp	b.ivw	se.ivw	pval.ivw	CI.ivw	FDR.ivw	Q_pval	b.egger	se.egger	pval.egger	CI.egger	egger_inte	egger_pval	b.median	se.median	pval.media	CI.median	b.mode	se.mode	pval.mode	CI.mode
12854_3	TEAD3	TEAD3	226	0.003	0.020	0.897	2.53e-03 (-0.04, 0.04)	0.966	0.109	0.045	0.042	0.276	0.05 (-0.04, 0.13)	-0.003	0.236	-0.004	0.040	0.915	-4.29e-03 (-0.08, 0.	0.008	0.042	0.851	0.01 (-0.07, 0.09)
14151_4	ISG15	UCRP	226	0.002	0.019	0.898	2.45e-03 (-0.03, 0.04)	0.966	0.943	-0.006	0.039	0.871	-0.01 (-0.08, 0.07)	0.001	0.795	-0.036	0.034	0.287	-0.04 (-0.10, 0.03)	-0.031	0.040	0.441	-0.03 (-0.11, 0.05)
19516_10	HMGA2	HMGA2	226	-0.002	0.019	0.900	-2.40e-03 (-0.04, 0.03	0.966	0.178	-0.003	0.040	0.933	-3.39e-03 (-0.08, 0.08)	0.000	0.977	-0.040	0.037	0.275	-0.04 (-0.11, 0.03)	-0.060	0.045	0.187	-0.06 (-0.15, 0.03)
2819_23	CDH5	Cadherin-5	226	0.003	0.027	0.897	3.48e-03 (-0.05, 0.06)	0.966	7.77E-16	0.052	0.054	0.341	0.05 (-0.05, 0.16)	-0.003	0.307	0.021	0.035	0.534	0.02 (-0.05, 0.09)	0.003	0.041	0.939	3.13e-03 (-0.08, 0.08)
3450_4	KLK6	Kallikrein 6	226	0.002	0.019	0.900	2.41e-03 (-0.03, 0.04)	0.966	0.096	-0.059	0.041	0.145	-0.06 (-0.14, 0.02)	0.004	0.081	0.009	0.040	0.832	0.01 (-0.07, 0.09)	-0.018	0.041	0.666	-0.02 (-0.10, 0.06)
3628_3	MAP2K2	MP2K2	226	-0.002	0.019	0.899	-2.46e-03 (-0.04, 0.04	0.966	0.881	-0.070	0.039	0.072	-0.07 (-0.15, 0.01)	0.004	0.046	-0.057	0.036	0.114	-0.06 (-0.13, 0.01)	-0.053	0.042	0.207	-0.05 (-0.13, 0.03)
4138_25	IL20	IL-20	226	-0.002	0.018	0.899	-2.29e-03 (-0.04, 0.03	0.966	0.182	-0.018	0.038	0.642	-0.02 (-0.09, 0.06)	0.001	0.641	-0.048	0.033	0.152	-0.05 (-0.11, 0.02)	-0.050	0.043	0.243	-0.05 (-0.13, 0.03)
4566_24	RSPO2	RSPO2	226	-0.002	0.019	0.898	-2.41e-03 (-0.04, 0.03	0.966	0.418	0.031	0.038	0.420	0.03 (-0.04, 0.11)	-0.002	0.317	0.002	0.037	0.952	2.19e-03 (-0.07, 0.0	0.000	0.037	0.990	4.84e-04 (-0.07, 0.07)
5743_82	CARTPT	CART	226	-0.002	0.019	0.899	-2.45e-03 (-0.04, 0.04	0.966	0.312	0.022	0.040	0.584	0.02 (-0.06, 0.10)	-0.002	0.483	-0.023	0.033	0.481	-0.02 (-0.09, 0.04)	-0.003	0.045	0.943	-3.21e-03 (-0.09, 0.08)
6526_77	OBP2A	OBP2A	226	-0.002	0.019	0.898	-2.45e-03 (-0.04, 0.03	0.966	0.165	0.007	0.040	0.859	0.01 (-0.07, 0.09)	-0.001	0.783	-0.028	0.037	0.449	-0.03 (-0.10, 0.04)	-0.018	0.041	0.657	-0.02 (-0.10, 0.06)
8242_9	CLEC2L	CLC2L	226	0.003	0.021	0.900	2.63e-03 (-0.04, 0.04)	0.966	0.036	0.020	0.042	0.629	0.02 (-0.06, 0.10)	-0.001	0.628	-0.008	0.039	0.842	-0.01 (-0.08, 0.07)	0.025	0.041	0.540	0.03 (-0.05, 0.11)
8834_58	CANX	Calnexin	226	0.002	0.019	0.898	2.42e-03 (-0.03, 0.04)	0.966	0.811	-0.001	0.038	0.986	-6.61e-04 (-0.08, 0.07)	0.000	0.926	0.001	0.040	0.986	6.81e-04 (-0.08, 0.0	0.002	0.042	0.969	1.62e-03 (-0.08, 0.08)
13931_22	PSMD9	PSMD9	226	-0.002	0.019	0.900	-2.44e-03 (-0.04, 0.04	0.966	0.605	0.002	0.039	0.961	1.93e-03 (-0.07, 0.08)	0.000	0.898	-0.019	0.040	0.637	-0.02 (-0.10, 0.06)	-0.014	0.040	0.720	-0.01 (-0.09, 0.06)
17673_34	CA5B	Carbonic A	226	0.002	0.019	0.901	2.35e-03 (-0.03, 0.04)	0.966	0.728	-0.024	0.038	0.529	-0.02 (-0.10, 0.05)	0.002	0.426	-0.007	0.035	0.850	-0.01 (-0.08, 0.06)	-0.017	0.043	0.694	-0.02 (-0.10, 0.07)
8269_327	ARSK	ARSK	226	0.003	0.024	0.901	2.97e-03 (-0.04, 0.05)	0.966	4.11E-07	0.097	0.048	0.042	0.10 (4.13e-03, 0.19)	-0.006	0.023	0.058	0.037	0.117	0.06 (-0.01, 0.13)	0.038	0.039	0.332	0.04 (-0.04, 0.11)
8569_147	ARL8B	ARL8B	226	0.002	0.018	0.900	2.26e-03 (-0.03, 0.04)	0.966	0.297	-0.014	0.037	0.715	-0.01 (-0.09, 0.06)	0.001	0.624	-0.043	0.035	0.220	-0.04 (-0.11, 0.03)	-0.044	0.040	0.274	-0.04 (-0.12, 0.03)
9595_11	B4GALT2	B4GT2	226	-0.003	0.025	0.901	-3.11e-03 (-0.05, 0.05	0.966	6.01E-11	0.066	0.050	0.192	0.07 (-0.03, 0.16)	-0.004	0.116	0.028	0.037	0.448	0.03 (-0.04, 0.10)	0.025	0.039	0.522	0.03 (-0.05, 0.10)
17852_5	PPME1	PPME1	226	-0.002	0.019	0.901	-2.33e-03 (-0.04, 0.03	0.966	0.755	-0.006	0.038	0.881	-0.01 (-0.08, 0.07)	0.000	0.919	-0.049	0.032	0.134	-0.05 (-0.11, 0.01)	-0.052	0.041	0.199	-0.05 (-0.13, 0.03)
16756_30	GDF7	GDF7	226	-0.002	0.020	0.902	-2.39e-03 (-0.04, 0.04	0.967	0.528	0.035	0.039	0.376	0.03 (-0.04, 0.11)	-0.002	0.276	-0.028	0.035	0.438	-0.03 (-0.10, 0.04)	-0.020	0.039	0.610	-0.02 (-0.10, 0.06)
17781_191	MAP1LC3A	MLP3A	226	-0.003	0.021	0.903	-2.52e-03 (-0.04, 0.04	0.967	0.044	-0.057	0.041	0.169	-0.06 (-0.14, 0.02)	0.003	0.130	-0.053	0.031	0.084	-0.05 (-0.11, 0.01)	-0.086	0.041	0.038	-0.09 (-0.17, -0.01)
12403_30	RAB39B	RB39B	226	-0.003	0.021	0.903	-2.52e-03 (-0.04, 0.04	0.968	0.023	-0.026	0.042	0.538	-0.03 (-0.11, 0.06)	0.001	0.522	-0.011	0.041	0.787	-0.01 (-0.09, 0.07)	-0.026	0.040	0.511	-0.03 (-0.10, 0.05)
15449_33	TIMD4	TIM-4	226	0.003	0.024	0.904	2.92e-03 (-0.04, 0.05)	0.968	4.08E-07	-0.069	0.048	0.153	-0.07 (-0.16, 0.03)	0.005	0.087	-0.014	0.040	0.723	-0.01 (-0.09, 0.06)	-0.020	0.036	0.582	-0.02 (-0.09, 0.05)
18859_7	EIF4EBP3	4EBP3	226	-0.002	0.019	0.904	-2.33e-03 (-0.04, 0.04	0.968	0.372	0.002	0.040	0.964	1.77e-03 (-0.08, 0.08)	0.000	0.905	0.012	0.036	0.739	0.01 (-0.06, 0.08)	0.008	0.042	0.846	0.01 (-0.07, 0.09)
19209_6	NFKBIA	IKB-alpha	226	0.002	0.020	0.904	2.35e-03 (-0.04, 0.04)	0.968	0.065	0.026	0.042	0.532	0.03 (-0.06, 0.11)	-0.001	0.512	-0.027	0.032	0.404	-0.03 (-0.09, 0.04)	-0.022	0.040	0.587	-0.02 (-0.10, 0.06)
19482_11	HDHD3	HDHD3	226	0.002	0.018	0.904	2.15e-03 (-0.03, 0.04)	0.968	0.238	0.012	0.037	0.748	0.01 (-0.06, 0.08)	-0.001	0.761	-0.035	0.033	0.284	-0.04 (-0.10, 0.03)	-0.038	0.038	0.329	-0.04 (-0.11, 0.04)
2992_59	IL17RA	IL-17 sR	226	-0.002	0.019	0.904	-2.33e-03 (-0.04, 0.04	0.968	0.423	0.003	0.039	0.930	3.48e-03 (-0.07, 0.08)	0.000	0.866	0.038	0.038	0.318	0.04 (-0.04, 0.11)	0.019	0.046	0.678	0.02 (-0.07, 0.11)
9187_2	HMGN1	HMGN1	226	0.002	0.019	0.904	2.30e-03 (-0.03, 0.04)	0.968	0.162	0.000	0.040	0.990	-4.83e-04 (-0.08, 0.08)	0.000	0.936	0.031	0.039	0.428	0.03 (-0.05, 0.11)	0.035	0.043	0.415	0.04 (-0.05, 0.12)
9412_52	ACVR2B	Activin RIIB	226	-0.003	0.021	0.903	-2.57e-03 (-0.04, 0.04	0.968	0.041	0.012	0.043	0.771	0.01 (-0.07, 0.10)	-0.001	0.686	0.028	0.041	0.492	0.03 (-0.05, 0.11)	0.016	0.040	0.685	0.02 (-0.06, 0.10)
19392_6	DDAH1	DDAH1	226	-0.002	0.019	0.905	-2.30e-03 (-0.04, 0.04	0.968	0.420	-0.001	0.039	0.981	-9.21e-04 (-0.08, 0.08)	0.000	0.968	-0.003	0.039	0.946	-2.64e-03 (-0.08, 0.	-0.012	0.039	0.753	-0.01 (-0.09, 0.06)
5183_53	PRKAA1	AMPK a1b1	226	0.002	0.019	0.906	2.27e-03 (-0.04, 0.04)	0.968	0.538	0.022	0.039	0.562	0.02 (-0.05, 0.10)	-0.001	0.549	0.005	0.038	0.895	0.01 (-0.07, 0.08)	0.013	0.037	0.722	0.01 (-0.06, 0.08)
5612_16	HINT2	HINT2	226	-0.002	0.018	0.906	-2.15e-03 (-0.04, 0.03	0.968	0.471	-0.010	0.037	0.781	-0.01 (-0.08, 0.06)	0.001	0.800	-0.031	0.036	0.388	-0.03 (-0.10, 0.04)	-0.015	0.037	0.693	-0.01 (-0.09, 0.06)
11513_92	CD38	CD38	226	-0.002	0.019	0.906	-2.29e-03 (-0.04, 0.04	0.969	0.420	-0.035	0.039	0.370	-0.04 (-0.11, 0.04)	0.002	0.334	-0.005	0.040	0.894	-0.01 (-0.08, 0.07)	-0.021	0.039	0.589	-0.02 (-0.10, 0.06)
10606_34	TOR1AIP1	TOIP1	226	0.002	0.020	0.909	2.25e-03 (-0.04, 0.04)	0.969	0.014	-0.038	0.040	0.337	-0.04 (-0.12, 0.04)	0.003	0.241	-0.043	0.029	0.141	-0.04 (-0.10, 0.01)	-0.086	0.040	0.035	-0.09 (-0.16, -0.01)
12843_6	ZNF410	ZN410	226	0.002	0.020	0.909	2.23e-03 (-0.04, 0.04)	0.969	0.376	-0.028	0.040	0.484	-0.03 (-0.11, 0.05)	0.002	0.384	-0.012	0.041	0.765	-0.01 (-0.09, 0.07)	-0.015	0.047	0.745	-0.02 (-0.11, 0.08)
13449_25	SF3B4	SF3B4	226	-0.002	0.019	0.909	-2.21e-03 (-0.04, 0.04	0.969	0.941	0.003	0.039	0.939	2.97e-03 (-0.07, 0.08)	0.000	0.878	0.022	0.038	0.565	0.02 (-0.05, 0.10)	0.030	0.040	0.445	0.03 (-0.05, 0.11)
13453_2	MRPL33	RM33	226	0.002	0.019	0.908	2.21e-03 (-0.04, 0.04)	0.969	0.652	0.045	0.039	0.249	0.04 (-0.03, 0.12)	-0.003	0.207	0.058	0.033	0.085	0.06 (-0.01, 0.12)	0.051	0.042	0.218	0.05 (-0.03, 0.13)
14061_48	TNFSF11	sRANKL	226	-0.002	0.020	0.909	-2.24e-03 (-0.04, 0.04	0.969	0.465	0.002	0.040	0.951	2.44e-03 (-0.08, 0.08)	0.000	0.892	-0.004	0.042	0.929	-3.74e-03 (-0.09, 0.	0.003	0.044	0.941	3.28e-03 (-0.08, 0.09)
14129_1	IFNA7	IFNA7	226	-0.002	0.020	0.908	-2.26e-03 (-0.04, 0.04	0.969	0.225	0.012	0.041	0.771	0.01 (-0.07, 0.09)	-0.001	0.690	0.027	0.033	0.405	0.03 (-0.04, 0.09)	0.073	0.045	0.109	0.07 (-0.02, 0.16)
14623_26	SUMO3	SUMO3	226	0.002	0.018	0.908	2.11e-03 (-0.03, 0.04)	0.969	0.545	-0.008	0.037	0.832	-0.01 (-0.08, 0.06)	0.001	0.756	-0.045	0.034	0.183	-0.05 (-0.11, 0.02)	-0.045	0.037	0.227	-0.04 (-0.12, 0.03)
14748_31	ARHGAP5	RHG05	226	-0.002	0.018	0.907	-2.10e-03 (-0.04, 0.03	0.969	0.709	-0.018	0.036	0.619	-0.02 (-0.09, 0.05)	0.001	0.613	-0.046	0.030	0.130	-0.05 (-0.11, 0.01)	-0.036	0.036	0.328	-0.04 (-0.11, 0.04)
15633_6	RBP4	RBP	226	-0.003	0.022	0.908	-2.55e-03 (-0.05, 0.04	0.969	1.14E-05	0.036	0.044	0.416	0.04 (-0.05, 0.12)	-0.002	0.316	0.022	0.039	0.571	0.02 (-0.05, 0.10)	0.003	0.038	0.934	3.20e-03 (-0.07, 0.08)
19561_216	PLXND1	PLXD1	226	0.005	0.041	0.907	4.83e-03 (-0.08, 0.09)	0.969	4.73E-102	0.075	0.083	0.367	0.07 (-0.09, 0.24)	-0.004	0.331	0.088	0.035	0.012	0.09 (0.02, 0.16)	0.089	0.041	0.030	0.09 (0.01, 0.17)
3312_64	FCGR1A	FCGR1	226	-0.002	0.019	0.907	-2.21e-03 (-0.04, 0.04	0.969	0.135	0.030	0.040	0.450	0.03 (-0.05, 0.11)	-0.002	0.351	-0.012	0.037	0.749	-0.01 (-0.08, 0.06)	0.008	0.039	0.848	0.01 (-0.07, 0.08)
7208_60	MGAT4C	MGT4C	226	0.002	0.019	0.909	2.19e-03 (-0.04, 0.04)	0.969	0.396	0.018	0.039	0.650	0.02 (-0.06, 0.09)	-0.001	0.647	0.049	0.035	0.160	0.05 (-0.02, 0.12)	0.062	0.045	0.162	0.06 (-0.02, 0.15)
7835_2	BNIP3L	BNI3L	226	0.002	0.019	0.909	2.17e-03 (-0.03, 0.04)	0.969	0.630	0.004	0.038	0.916	4.03e-03 (-0.07, 0.08)	0.000	0.955	-0.029	0.037	0.444	-0.03 (-0.10, 0.04)	0.001	0.042	0.974	1.38e-03 (-0.08, 0.08)
7982_10	MRPL32	RM32	226	-0.002	0.020	0.907	-2.27e-03 (-0.04, 0.04	0.969	0.889	0.040	0.039	0.311	0.04 (-0.04, 0.12)	-0.003	0.218	0.043	0.035	0.214	0.04 (-0.02, 0.11)	0.030	0.041	0.470	0.03 (-0.05, 0.11)
8358_30	PRDX3	Peroxiredo	226	-0.002	0.018	0.908	-2.11e-03 (-0.04, 0.03	0.969	0.396	-0.023	0.037	0.533	-0.02 (-0.10, 0.05)	0.001	0.514	-0.028	0.030	0.360	-0.03 (-0.09, 0.03)	-0.029	0.038	0.451	-0.03 (-0.10, 0.05)
9846_32	ARHGDIB	Rho-GDI be	226	-0.002	0.018	0.908	-2.04e-03 (-0.04, 0.03	0.969	0.495	-0.016	0.036	0.665	-0.02 (-0.09, 0.05)	0.001	0.665	-0.035	0.029	0.230	-0.04 (-0.09, 0.02)	-0.062	0.039	0.111	-0.06 (-0.14, 0.01)
9954_2	NPIPB3	NPPL3	226	0.002	0.019	0.908	2.26e-03 (-0.04, 0.04)	0.969	0.130	-0.032	0.041	0.438	-0.03 (-0.11, 0.05)	0.002	0.339	0.017	0.036	0.641	0.02 (-0.05, 0.09)	0.000	0.040	0.992	-3.91e-04 (-0.08, 0.08)
19556_12	CR1	Complemen	226	-0.002	0.022	0.910	-2.43e-03 (-0.04, 0.04	0.969	0.010	-0.044	0.043	0.308	-0.04 (-0.13, 0.04)	0.003	0.267	-0.029	0.040	0.474	-0.03 (-0.11, 0.05)	-0.037	0.041	0.372	-0.04 (-0.12, 0.04)
9117_4	IL36G	IL-1F9	226	-0.002	0.019	0.910	-2.15e-03 (-0.04, 0.04	0.969	0.071	0.077	0.041	0.059	0.08 (-2.65e-03, 0.16)	-0.005	0.026	0.029	0.030	0.331	0.03 (-0.03, 0.09)	0.069	0.040	0.084	0.07 (-0.01, 0.15)
5947_90	THPO	Tpo	226	0.002	0.019	0.911	2.14e-03 (-0.04, 0.04)	0.969	0.466	0.005	0.039	0.890	0.01 (-0.07, 0.08)	0.000	0.923	-0.018	0.034	0.600	-0.02 (-0.08, 0.05)	-0.011	0.041	0.787	-0.01 (-0.09, 0.07)
11370_20	INPP5E	INP5E	226	0.002	0.018	0.912	2.00e-03 (-0.03, 0.04)	0.970	0.083	0.006	0.039	0.870	0.01 (-0.07, 0.08)	0.000	0.898	-0.020	0.030	0.512	-0.02 (-0.08, 0.04)	-0.036	0.042	0.396	-0.04 (-0.12, 0.05)
12751_26	ZHX1	ZHX1	226	-0.002	0.019	0.912	-2.16e-03 (-0.04, 0.04	0.970	0.627	-0.017	0.039	0.661	-0.02 (-0.09, 0.06)	0.001	0.658	-0.027	0.038	0.485	-0.03 (-0.10, 0.05)	-0.030	0.043	0.478	-0.03 (-0.11, 0.05)
10623_19	MUC1	MUC1	226	-0.002	0.020	0.913	-2.13e-03 (-0.04, 0.04	0.970	0.779	-0.069	0.039	0.082	-0.07 (-0.15, 0.01)	0.004	0.052	-0.010	0.040	0.805	-0.01 (-0.09, 0.07)	-0.014	0.041	0.739	-0.01 (-0.09, 0.07)
12356_65	SRI	Sorcin	226	-0.002	0.019	0.913	-2.06e-03 (-0.04, 0.03	0.970	0.372	0.004	0.039	0.918	3.96e-03 (-0.07, 0.08)	0.000	0.857	-0.031	0.040	0.436	-0.03 (-0.11, 0.05)	-0.033	0.043	0.453	-0.03 (-0.12, 0.05)
13711_10	CLTC	CLH1	226	-0.002	0.019	0.912	-2.14e-03 (-0.04, 0.04	0.970	0.406	-0.007	0.040	0.868	-0.01 (-0.08, 0.07)	0.000	0.897	-0.028	0.038	0.462	-0.03 (-0.10, 0.05)	-0.008	0.043	0.847	-0.01 (-0.09, 0.08)
19163_26	LRRC59	LRC59	226	0.002	0.019	0.912	2.05e-03 (-0.03, 0.04)	0.970	0.500	-0.005	0.038	0.884	-0.01 (-0.08, 0.07)	0.000	0.817	-0.011	0.029	0.711	-0.01 (-0.07, 0.05)	-0.037	0.040	0.356	-0.04 (-0.12, 0.04)
4212_5	EPS15L1	EP15R	226	-0.002	0.018	0.913	-1.97e-03 (-0.04, 0.03	0.970	0.739	-0.031	0.036	0.397	-0.03 (-0.10, 0.04)	0.002	0.361	-0.043	0.034	0.211	-0.04 (-0.11, 0.02)	-0.042	0.040	0.300	-0.04 (-0.12, 0.04)
4455_89	MFGE8	MFGM	226	-0.002	0.021	0.913	-2.32e-03 (-0.04, 0.04	0.970	0.006	0.057	0.042	0.180	0.06 (-0.03, 0.14)	-0.004	0.109	0.024	0.039	0.540	0.02 (-0.05, 0.10)	0.022	0.040	0.586	0.02 (-0.06, 0.10)
8386_11	PATE1	PATE	226	0.002	0.019	0.913	2.11e-03 (-0.04, 0.04)	0.970	0.260	-0.007	0.040	0.855	-0.01 (-0.09, 0.07)	0.001	0.786	-0.014	0.040	0.733	-0.01 (-0.09, 0.06)	0.008	0.043	0.845	0.01 (-0.08, 0.09)
2449_1	PLA2G5	GV	226	0.002	0.020	0.913	2.18e-03 (-0.04, 0.04)	0.970	0.030	0.044	0.040	0.274	0.04 (-0.03, 0.12)	-0.003	0.231	0.008	0.039	0.836	0.01 (-0.07, 0.08)	0.000	0.041	0.994	-3.35e-04 (-0.08, 0.08)
17793_4	DIRAS1	DIRA1	226	-0.002	0.019	0.914	-2.10e-03 (-0.04, 0.04	0.970	0.374	-0.030	0.040	0.448	-0.03 (-0.11, 0.05)	0.002	0.416	-0.053	0.037	0.157	-0.05 (-0.13, 0.02)	-0.056	0.043	0.193	-0.06 (-0.14, 0.03)
9638_2	TIGIT	TIGIT	226	0.002	0.019	0.914	2.06e-03 (-0.04, 0.04)	0.970	0.658	0.034	0.038	0.371	0.03 (-0.04, 0.11)	-0.002	0.333	0.035	0.037	0.344	0.03 (-0.04, 0.11)	0.015	0.040	0.707	0.02 (-0.06, 0.09)
10714_7	ACE	ACE	226	0.003	0.027	0.915	2.88e-03 (-0.05, 0.06)	0.971	3.39E-14	0.050	0.054	0.356	0.05 (-0.06, 0.16)	-0.003	0.316	0.015	0.041	0.708	0.02 (-0.07, 0.10)	0.008	0.041	0.855	0.01 (-0.07, 0.09)
17814_8	BPNT1	BPNT1	226	-0.002	0.018	0.915	-1.97e-03 (-0.04, 0.03	0.971	0.263	0.010	0.038	0.794	0.01 (-0.07, 0.09)	-0.001	0.720	-0.025	0.035	0.472	-0.03 (-0.09, 0.04)	0.000	0.039	0.998	7.93e-05 (-0.08, 0.08)
11220_53	C10orf105	CJ105	226	0.002	0.019	0.917	2.00e-03 (-0.04, 0.04)	0.971	0.788	0.070	0.039	0.070	0.07 (-0.01, 0.15)	-0.004	0.043	0.028	0.039	0.469	0.03 (-0.05, 0.11)	0.029	0.041	0.478	0.03 (-0.05, 0.11)
11422_2	DLX3	DLX3	226	-0.002	0.019	0.917	-1.96e-03 (-0.04, 0.03	0.971	0.338	0.003	0.038	0.943	2.73e-03 (-0.07, 0.08)	0.000	0.889	-0.017	0.037	0.641	-0.02 (-0.09, 0.06)	0.006	0.038	0.879	0.01 (-0.07, 0.08)
11607_15	BRD1	BRD1	226	0.002	0.019	0.917	2.02e-03 (-0.04, 0.04)	0.971	0.754	0.100	0.039	0.011	0.10 (0.02, 0.18)	-0.006	0.004	0.063	0.036	0.079	0.06 (-0.01, 0.13)	0.065	0.042	0.125	0.06 (-0.02, 0.15)
12409_90	RAB7B	RAB7B	226	-0.002	0.019	0.917	-2.00e-03 (-0.04, 0.04	0.971	0.050	0.017	0.042	0.690	0.02 (-0.07, 0.10)	-0.001	0.607	-0.034	0.038	0.374	-0.03 (-0.11, 0.04)	-0.024	0.040	0.552	-0.02 (-0.10, 0.05)
12417_46	TPRKB	TPRKB	226	0.002	0.019	0.917	1.97e-03 (-0.03, 0.04)	0.971	0.309	-0.044	0.039	0.252	-0.04 (-0.12, 0.03)	0.003	0.169	0.017	0.040	0.679	0.02 (-0.06, 0.09)	0.026	0.041	0.531	0.03 (-0.06, 0.11)
13590_1	REXO2	ORN	226	0.002	0.018	0.918	1.82e-03 (-0.03, 0.04)	0.971	0.600	-0.031	0.036	0.387	-0.03 (-0.10, 0.04)	0.002	0.292	-0.038	0.028	0.175	-0.04 (-0.09, 0.02)	-0.073	0.042	0.082	-0.07 (-0.16, 0.01)
17837_5	CLIC2	CLIC2	226	0.002	0.019	0.916	1.95e-03 (-0.03, 0.04)	0.971	0.090	0.001	0.040	0.986	6.79e-04 (-0.08, 0.08)	0.000	0.971	-0.034	0.038	0.379	-0.03 (-0.11, 0.04)	-0.027	0.045	0.554	-0.03 (-0.12, 0.06)
18823_52	HIST3H2B	H2B3B	226	0.002	0.019	0.917	1.94e-03 (-0.03, 0.04)	0.971	0.154	0.030	0.040	0.455	0.03 (-0.05, 0.11)	-0.002	0.421	0.016	0.038	0.670	0.02 (-0.06, 0.09)	0.027	0.037	0.470	0.03 (-0.05, 0.10)
4318_12	PTPN6	PTP-1C	226	0.002	0.019	0.916	2.01e-03 (-0.04, 0.04)	0.971	0.233	0.010	0.040	0.803	0.01 (-0.07, 0.09)	0.000	0.819	0.025	0.040	0.542	0.02 (-0.05, 0.10)	0.024	0.042	0.562	0.02 (-0.06, 0.11)
5713_9	IFNL3	IFN-lambda	226	-0.002	0.019	0.916	-2.03e-03 (-0.04, 0.04	0.971	0.169	-0.008	0.041	0.843	-0.01 (-0.09, 0.07)	0.000	0.865	-0.006	0.040	0.877	-0.01 (-0.08, 0.07)	-0.017	0.043	0.682	-0.02 (-0.10, 0.07)
7054_87	CLEC2D	CLC2D	226	0.002	0.019	0.918	1.94e-03 (-0.03, 0.04)	0.971	0.094	-0.037	0.040	0.352	-0.04 (-0.12, 0.04)	0.002	0.260	-0.013	0.038	0.738	-0.01 (-0.09, 0.06)	-0.007	0.042	0.866	-0.01 (-0.09, 0.07)
7785_1	EFNB3	Ephrin-B3	226	0.002	0.019	0.918	1.99e-03 (-0.04, 0.04)	0.971	0.526	-0.002	0.039	0.956	-2.16e-03 (-0.08, 0.07)	0.000	0.902	0.039	0.032	0.222	0.04 (-0.02, 0.10)	0.031	0.041	0.445	0.03 (-0.05, 0.11)
9453_12	VEGFB	VEGF-B	226	0.002	0.019	0.916	2.05e-03 (-0.04, 0.04)	0.971	0.935	0.056	0.039	0.155	0.06 (-0.02, 0.13)	-0.003	0.115	0.018	0.035	0.608	0.02 (-0.05, 0.09)	0.024	0.040	0.557	0.02 (-0.06, 0.10)
9959_60	TMEM59L	TM59L	226	-0.002	0.019	0.918	-1.97e-03 (-0.04, 0.04	0.971	0.375	-0.025	0.039	0.517	-0.03 (-0.10, 0.05)	0.001	0.491	-0.011	0.040	0.779	-0.01 (-0.09, 0.07)	0.004	0.038	0.916	3.98e-03 (-0.07, 0.08)
16769_20	RAC3	RAC3	226	0.002	0.018	0.918	1.84e-03 (-0.03, 0.04)	0.971	0.562	-0.016	0.036	0.660	-0.02 (-0.09, 0.05)	0.001	0.572	-0.024	0.036	0.498	-0.02 (-0.09, 0.05)	-0.022	0.039	0.575	-0.02 (-0.10, 0.05)
9443_137	CTSK	cathepsin K	226	0.002	0.020	0.919	2.00e-03 (-0.04, 0.04)	0.971	0.243	-0.008	0.041	0.849	-0.01 (-0.09, 0.07)	0.001	0.782	0.035	0.039	0.370	0.03 (-0.04, 0.11)	0.047	0.042	0.266	0.05 (-0.04, 0.13)
11837_7	TNFRSF18	GITR	226	0.002	0.021	0.919	2.14e-03 (-0.04, 0.04)	0.972	0.023	-0.013	0.043	0.766	-0.01 (-0.10, 0.07)	0.001	0.689	0.009	0.040	0.830	0.01 (-0.07, 0.09)	-0.016	0.041	0.701	-0.02 (-0.10, 0.06)
5724_58	SBSN	SBSN	226	0.002	0.019	0.919	1.91e-03 (-0.04, 0.04)	0.972	0.248	-0.051	0.039	0.192	-0.05 (-0.13, 0.03)	0.003	0.119	-0.042	0.035	0.223	-0.04 (-0.11, 0.03)	-0.047	0.042	0.264	-0.05 (-0.13, 0.04)
3296_92	CNTN2	CNTN2	226	-0.002	0.021	0.920	-2.10e-03 (-0.04, 0.04	0.972	0.022	0.009	0.042	0.839	0.01 (-0.07, 0.09)	-0.001	0.770	-0.015	0.040	0.706	-0.01 (-0.09, 0.06)	-0.024	0.043	0.570	-0.02 (-0.11, 0.06)
10438_19	CSF2RA	CSF2R	226	0.002	0.019	0.921	1.93e-03 (-0.04, 0.04)	0.972	0.792	-0.067	0.039	0.090	-0.07 (-0.14, 0.01)	0.004	0.045	-0.021	0.038	0.580	-0.02 (-0.10, 0.05)	-0.016	0.041	0.702	-0.02 (-0.10, 0.06)
10924_258	CYB5D2	NEUFC	226	-0.002	0.023	0.921	-2.31e-03 (-0.05, 0.04	0.972	4.60E-06	0.059	0.047	0.209	0.06 (-0.03, 0.15)	-0.004	0.133	0.055	0.035	0.118	0.05 (-0.01, 0.12)	0.057	0.040	0.157	0.06 (-0.02, 0.13)
4129_72	CFB	Factor B	226	-0.002	0.023	0.921	-2.31e-03 (-0.05, 0.04	0.972	2.29E-05	-0.079	0.046	0.091	-0.08 (-0.17, 0.01)	0.005	0.059	0.002	0.040	0.962	1.91e-03 (-0.08, 0.0	0.004	0.037	0.910	4.22e-03 (-0.07, 0.08)
6079_59	ACPL2	ACPL2	226	-0.002	0.019	0.920	-1.92e-03 (-0.04, 0.04	0.972	0.079	-0.019	0.041	0.643	-0.02 (-0.10, 0.06)	0.001	0.631	-0.017	0.039	0.671	-0.02 (-0.09, 0.06)	-0.008	0.040	0.849	-0.01 (-0.09, 0.07)
8355_80	ISM1	ISM1	226	0.002	0.019	0.921	1.90e-03 (-0.04, 0.04)	0.972	0.501	0.029	0.039	0.449	0.03 (-0.05, 0.10)	-0.002	0.415	-0.040	0.035	0.261	-0.04 (-0.11, 0.03)	-0.025	0.039	0.532	-0.02 (-0.10, 0.05)
10710_23	ZPBP2	ZPBP2	226	-0.002	0.019	0.922	-1.89e-03 (-0.04, 0.04	0.973	0.058	0.010	0.042	0.819	0.01 (-0.07, 0.09)	-0.001	0.752	0.040	0.034	0.239	0.04 (-0.03, 0.11)	0.029	0.043	0.499	0.03 (-0.06, 0.11)
11562_9	POLE2	DPOE2	226	-0.002	0.020	0.922	-1.91e-03 (-0.04, 0.04	0.973	0.195	0.010	0.041	0.806	0.01 (-0.07, 0.09)	-0.001	0.736	0.004	0.040	0.930	3.56e-03 (-0.08, 0.0	0.001	0.041	0.978	1.11e-03 (-0.08, 0.08)
13457_33	ELF5	ELF5	226	0.002	0.019	0.923	1.89e-03 (-0.04, 0.04)	0.973	0.074	0.051	0.042	0.224	0.05 (-0.03, 0.13)	-0.003	0.178	0.064	0.036	0.076	0.06 (-0.01, 0.13)	0.074	0.044	0.094	0.07 (-0.01, 0.16)
17671_58	ING4	ING4	226	-0.002	0.019	0.923	-1.87e-03 (-0.04, 0.04	0.973	0.073	0.016	0.042	0.707	0.02 (-0.07, 0.10)	-0.001	0.628	-0.008	0.035	0.808	-0.01 (-0.08, 0.06)	0.010	0.040	0.799	0.01 (-0.07, 0.09)
18208_3	CCNB2	CCNB2	226	0.002	0.020	0.923	1.90e-03 (-0.04, 0.04)	0.973	0.098	-0.023	0.042	0.578	-0.02 (-0.11, 0.06)	0.002	0.488	0.014	0.040	0.723	0.01 (-0.06, 0.09)	-0.008	0.040	0.831	-0.01 (-0.09, 0.07)
2597_8	VEGFA	VEGF	226	-0.002	0.019	0.922	-1.86e-03 (-0.04, 0.04	0.973	0.506	0.007	0.038	0.853	0.01 (-0.07, 0.08)	-0.001	0.788	-0.006	0.040	0.871	-0.01 (-0.08, 0.07)	-0.024	0.042	0.565	-0.02 (-0.11, 0.06)
4912_17	GOT1	GOT1	226	-0.002	0.019	0.922	-1.81e-03 (-0.04, 0.03	0.973	0.653	-0.004	0.037	0.908	-4.34e-03 (-0.08, 0.07)	0.000	0.938	-0.002	0.039	0.966	-1.65e-03 (-0.08, 0.	0.007	0.042	0.871	0.01 (-0.07, 0.09)
9995_6	DUT	DUT	226	-0.002	0.018	0.922	-1.75e-03 (-0.04, 0.03	0.973	0.444	-0.039	0.036	0.283	-0.04 (-0.11, 0.03)	0.002	0.237	-0.038	0.030	0.211	-0.04 (-0.10, 0.02)	-0.039	0.035	0.265	-0.04 (-0.11, 0.03)
14045_12	NCOA2	NCOA2	226	-0.002	0.023	0.924	-2.15e-03 (-0.05, 0.04	0.974	0.001	-0.049	0.045	0.279	-0.05 (-0.14, 0.04)	0.003	0.233	-0.039	0.039	0.324	-0.04 (-0.12, 0.04)	-0.053	0.040	0.183	-0.05 (-0.13, 0.02)
13459_30	TOR4A	CI167	194	-0.002	0.020	0.925	-1.84e-03 (-0.04, 0.04	0.974	0.833	-0.026	0.039	0.497	-0.03 (-0.10, 0.05)	0.002	0.464	0.011	0.039	0.781	0.01 (-0.06, 0.09)	0.001	0.039	0.972	1.35e-03 (-0.07, 0.08)
10058_1	RAD23A	RD23A	226	0.002	0.019	0.926	1.74e-03 (-0.03, 0.04)	0.974	0.778	0.012	0.038	0.744	0.01 (-0.06, 0.09)	-0.001	0.746	-0.032	0.036	0.374	-0.03 (-0.10, 0.04)	-0.040	0.041	0.332	-0.04 (-0.12, 0.04)
13066_42	EDC4	EDC4	226	0.002	0.018	0.926	1.67e-03 (-0.03, 0.04)	0.974	0.065	-0.018	0.039	0.636	-0.02 (-0.09, 0.06)	0.001	0.552	-0.019	0.037	0.595	-0.02 (-0.09, 0.05)	-0.008	0.037	0.824	-0.01 (-0.08, 0.06)
6231_46	STC2	STC2	226	-0.002	0.020	0.926	-1.83e-03 (-0.04, 0.04	0.974	0.368	-0.065	0.040	0.107	-0.06 (-0.14, 0.01)	0.004	0.072	-0.033	0.032	0.305	-0.03 (-0.10, 0.03)	-0.062	0.043	0.150	-0.06 (-0.15, 0.02)
9774_59	RNF150	RN150	226	-0.002	0.019	0.926	-1.79e-03 (-0.04, 0.04	0.974	0.505	-0.016	0.039	0.676	-0.02 (-0.09, 0.06)	0.001	0.669	0.021	0.036	0.560	0.02 (-0.05, 0.09)	0.002	0.040	0.964	1.84e-03 (-0.08, 0.08)
9872_23	CTNNA2	CTNA2	226	0.002	0.020	0.926	1.82e-03 (-0.04, 0.04)	0.974	0.277	-0.037	0.040	0.365	-0.04 (-0.12, 0.04)	0.002	0.273	0.013	0.039	0.730	0.01 (-0.06, 0.09)	0.003	0.039	0.932	3.37e-03 (-0.07, 0.08)
13073_14	ANP32A	AN32A	226	-0.002	0.019	0.926	-1.80e-03 (-0.04, 0.04	0.975	0.201	-0.003	0.041	0.934	-3.37e-03 (-0.08, 0.08)	0.000	0.965	0.018	0.038	0.634	0.02 (-0.06, 0.09)	0.009	0.040	0.820	0.01 (-0.07, 0.09)
14143_8	HIST2H2B	H2B2E	226	-0.002	0.019	0.926	-1.74e-03 (-0.04, 0.04	0.975	0.113	0.037	0.040	0.360	0.04 (-0.04, 0.12)	-0.002	0.270	0.019	0.039	0.614	0.02 (-0.06, 0.10)	0.021	0.036	0.567	0.02 (-0.05, 0.09)
11442_1	DNER	DNER	226	0.002	0.019	0.928	1.75e-03 (-0.04, 0.04)	0.976	0.498	0.001	0.039	0.972	1.34e-03 (-0.07, 0.08)	0.000	0.990	0.002	0.033	0.939	2.50e-03 (-0.06, 0.0	0.008	0.042	0.844	0.01 (-0.07, 0.09)
13526_5	SSB	LA	226	0.002	0.019	0.928	1.75e-03 (-0.04, 0.04)	0.976	0.286	0.081	0.039	0.041	0.08 (3.91e-03, 0.16)	-0.005	0.021	-0.027	0.035	0.452	-0.03 (-0.10, 0.04)	-0.003	0.042	0.938	-3.24e-03 (-0.09, 0.08)
3358_51	CDK5	CDK5/p35	226	0.002	0.019	0.928	1.73e-03 (-0.04, 0.04)	0.976	0.197	-0.052	0.040	0.196	-0.05 (-0.13, 0.03)	0.003	0.124	0.000	0.039	0.997	1.61e-04 (-0.08, 0.0	-0.013	0.039	0.740	-0.01 (-0.09, 0.06)
11239_49	TMPRSS6	TMPS6	226	-0.002	0.020	0.929	-1.74e-03 (-0.04, 0.04	0.977	0.137	-0.036	0.042	0.382	-0.04 (-0.12, 0.04)	0.002	0.338	0.016	0.041	0.695	0.02 (-0.06, 0.10)	0.015	0.040	0.708	0.02 (-0.06, 0.09)
7825_7	ABHD12	ABD12	226	0.002	0.019	0.929	1.68e-03 (-0.04, 0.04)	0.977	0.059	0.019	0.041	0.635	0.02 (-0.06, 0.10)	-0.001	0.617	0.002	0.040	0.959	2.05e-03 (-0.08, 0.0	0.025	0.047	0.599	0.02 (-0.07, 0.12)
18194_18	FABP9	FABP9	226	0.002	0.019	0.930	1.67e-03 (-0.04, 0.04)	0.978	0.358	-0.050	0.039	0.203	-0.05 (-0.13, 0.03)	0.003	0.130	-0.021	0.041	0.604	-0.02 (-0.10, 0.06)	-0.031	0.042	0.453	-0.03 (-0.11, 0.05)
11128_29	TMEM132C	T132C	226	-0.002	0.020	0.931	-1.70e-03 (-0.04, 0.04	0.978	0.077	-0.019	0.042	0.657	-0.02 (-0.10, 0.06)	0.001	0.641	-0.034	0.041	0.399	-0.03 (-0.11, 0.05)	-0.041	0.040	0.306	-0.04 (-0.12, 0.04)
13958_5	RBM46	RBM46	226	-0.002	0.019	0.931	-1.66e-03 (-0.04, 0.04	0.978	0.455	0.031	0.039	0.430	0.03 (-0.05, 0.11)	-0.002	0.339	0.031	0.038	0.413	0.03 (-0.04, 0.11)	0.058	0.039	0.137	0.06 (-0.02, 0.13)
5001_6	SCGB2A1	Mammaglo	226	0.002	0.018	0.931	1.58e-03 (-0.03, 0.04)	0.978	0.428	-0.020	0.037	0.583	-0.02 (-0.09, 0.05)	0.001	0.496	-0.019	0.037	0.608	-0.02 (-0.09, 0.05)	0.000	0.040	1.000	2.52e-05 (-0.08, 0.08)
8261_51	STOM	STOM	226	-0.002	0.019	0.931	-1.68e-03 (-0.04, 0.04	0.978	0.481	0.060	0.039	0.126	0.06 (-0.02, 0.14)	-0.004	0.070	0.044	0.038	0.242	0.04 (-0.03, 0.12)	0.038	0.042	0.364	0.04 (-0.04, 0.12)
8687_26	TMEM106B	T106B	226	-0.003	0.029	0.932	-2.52e-03 (-0.06, 0.05	0.978	1.64E-24	0.069	0.059	0.240	0.07 (-0.05, 0.18)	-0.004	0.161	0.029	0.042	0.492	0.03 (-0.05, 0.11)	0.031	0.043	0.470	0.03 (-0.05, 0.11)
10011_65	OCRL	OCRL	226	0.002	0.019	0.932	1.61e-03 (-0.04, 0.04)	0.978	0.393	0.014	0.038	0.710	0.01 (-0.06, 0.09)	-0.001	0.704	0.024	0.038	0.532	0.02 (-0.05, 0.10)	0.020	0.038	0.609	0.02 (-0.06, 0.09)
19328_51	CHEK2	Chk2	226	-0.002	0.019	0.932	-1.58e-03 (-0.04, 0.03	0.978	0.146	0.031	0.039	0.424	0.03 (-0.05, 0.11)	-0.002	0.333	0.031	0.035	0.373	0.03 (-0.04, 0.10)	0.022	0.040	0.571	0.02 (-0.06, 0.10)
9594_30	SLC30A5	ZNT5	226	0.001	0.018	0.932	1.49e-03 (-0.03, 0.04)	0.978	0.167	0.018	0.037	0.619	0.02 (-0.05, 0.09)	-0.001	0.598	-0.015	0.035	0.673	-0.01 (-0.08, 0.05)	-0.019	0.035	0.585	-0.02 (-0.09, 0.05)
10089_7	ASMTL	ASML	226	0.001	0.019	0.941	1.38e-03 (-0.03, 0.04)	0.978	0.794	0.023	0.037	0.540	0.02 (-0.05, 0.10)	-0.001	0.507	-0.029	0.032	0.368	-0.03 (-0.09, 0.03)	-0.015	0.043	0.723	-0.02 (-0.10, 0.07)
11279_42	GABBR1	GABR1	226	-0.001	0.019	0.938	-1.50e-03 (-0.04, 0.04	0.978	0.312	0.004	0.040	0.921	3.95e-03 (-0.07, 0.08)	0.000	0.875	0.027	0.036	0.456	0.03 (-0.04, 0.10)	0.017	0.041	0.677	0.02 (-0.06, 0.10)
11696_7	CRABP2	RABP2	226	-0.001	0.019	0.940	-1.39e-03 (-0.04, 0.03	0.978	0.082	-0.016	0.040	0.684	-0.02 (-0.09, 0.06)	0.001	0.668	-0.004	0.038	0.923	-3.63e-03 (-0.08, 0.	-0.024	0.041	0.558	-0.02 (-0.11, 0.06)
11872_9	PCDHGB1	PCDGD	226	0.002	0.021	0.938	1.66e-03 (-0.04, 0.04)	0.978	0.011	0.010	0.043	0.810	0.01 (-0.07, 0.09)	-0.001	0.816	0.027	0.042	0.521	0.03 (-0.06, 0.11)	0.065	0.041	0.112	0.07 (-0.02, 0.15)
11910_27	DLX4	DLX4	226	0.001	0.018	0.941	1.35e-03 (-0.03, 0.04)	0.978	0.776	-0.040	0.037	0.272	-0.04 (-0.11, 0.03)	0.003	0.191	-0.040	0.035	0.247	-0.04 (-0.11, 0.03)	-0.024	0.036	0.500	-0.02 (-0.09, 0.05)
12347_29	CCM2	CCM2	226	-0.001	0.018	0.941	-1.36e-03 (-0.04, 0.03	0.978	0.135	-0.015	0.039	0.693	-0.02 (-0.09, 0.06)	0.001	0.678	0.016	0.038	0.677	0.02 (-0.06, 0.09)	0.028	0.041	0.492	0.03 (-0.05, 0.11)
12737_12	PLS1	PLSI	226	-0.001	0.019	0.939	-1.45e-03 (-0.04, 0.04	0.978	0.242	0.002	0.039	0.963	1.81e-03 (-0.08, 0.08)	0.000	0.924	-0.032	0.033	0.324	-0.03 (-0.10, 0.03)	-0.052	0.042	0.224	-0.05 (-0.13, 0.03)
14034_22	TACSTD2	GA733-1 pr	226	-0.001	0.019	0.939	-1.47e-03 (-0.04, 0.04	0.978	0.978	0.048	0.039	0.213	0.05 (-0.03, 0.12)	-0.003	0.140	0.036	0.031	0.241	0.04 (-0.02, 0.10)	0.073	0.043	0.091	0.07 (-0.01, 0.16)
15436_40	RAMP1	RAMP1	226	-0.002	0.020	0.934	-1.63e-03 (-0.04, 0.04	0.978	0.234	-0.014	0.041	0.723	-0.01 (-0.09, 0.07)	0.001	0.717	-0.043	0.039	0.279	-0.04 (-0.12, 0.03)	-0.041	0.042	0.330	-0.04 (-0.12, 0.04)
15574_37	CCNA2	Cyclin A	226	0.001	0.019	0.942	1.41e-03 (-0.04, 0.04)	0.978	0.586	0.061	0.039	0.118	0.06 (-0.02, 0.14)	-0.004	0.079	0.026	0.040	0.507	0.03 (-0.05, 0.10)	0.031	0.043	0.476	0.03 (-0.05, 0.12)
16760_2	IL26	IL-26	226	-0.002	0.023	0.941	-1.67e-03 (-0.05, 0.04	0.978	0.001	-0.012	0.046	0.794	-0.01 (-0.10, 0.08)	0.001	0.796	0.017	0.042	0.682	0.02 (-0.06, 0.10)	0.006	0.040	0.890	0.01 (-0.07, 0.08)
17154_2	PTGES3	TEBP	226	-0.001	0.019	0.940	-1.45e-03 (-0.04, 0.04	0.978	0.377	-0.062	0.039	0.114	-0.06 (-0.14, 0.01)	0.004	0.075	-0.017	0.040	0.660	-0.02 (-0.10, 0.06)	-0.036	0.041	0.381	-0.04 (-0.12, 0.04)
18866_8	PPP3R2	CANB2	226	0.002	0.021	0.938	1.66e-03 (-0.04, 0.04)	0.978	0.007	-0.048	0.043	0.264	-0.05 (-0.13, 0.04)	0.003	0.183	0.027	0.037	0.469	0.03 (-0.05, 0.10)	-0.008	0.043	0.855	-0.01 (-0.09, 0.08)
19278_19	RAB1B	RAB1B	226	-0.001	0.017	0.936	-1.39e-03 (-0.04, 0.03	0.978	0.527	-0.026	0.035	0.462	-0.03 (-0.09, 0.04)	0.002	0.423	-0.058	0.030	0.056	-0.06 (-0.12, 1.39e-	-0.050	0.038	0.189	-0.05 (-0.12, 0.02)
19290_5	HPRT1	HPRT	226	0.001	0.017	0.936	1.37e-03 (-0.03, 0.03)	0.978	0.758	0.012	0.034	0.728	0.01 (-0.05, 0.08)	-0.001	0.723	-0.006	0.035	0.862	-0.01 (-0.07, 0.06)	-0.018	0.035	0.606	-0.02 (-0.09, 0.05)
19379_154	RAB3D	RAB3D	226	-0.001	0.018	0.934	-1.48e-03 (-0.04, 0.03	0.978	0.226	-0.012	0.037	0.746	-0.01 (-0.09, 0.06)	0.001	0.743	-0.038	0.034	0.269	-0.04 (-0.10, 0.03)	-0.018	0.037	0.630	-0.02 (-0.09, 0.05)
19578_19	DOK2	DOK2	226	0.001	0.019	0.937	1.49e-03 (-0.04, 0.04)	0.978	0.758	-0.006	0.038	0.880	-0.01 (-0.08, 0.07)	0.000	0.827	-0.027	0.032	0.406	-0.03 (-0.09, 0.04)	-0.041	0.040	0.309	-0.04 (-0.12, 0.04)
19596_18	BRF1	BRF-1	226	-0.002	0.019	0.937	-1.53e-03 (-0.04, 0.04	0.978	0.212	-0.028	0.041	0.494	-0.03 (-0.11, 0.05)	0.002	0.456	0.022	0.036	0.544	0.02 (-0.05, 0.09)	0.011	0.039	0.769	0.01 (-0.06, 0.09)
2190_55	F11	Coagulatio	226	-0.002	0.022	0.942	-1.59e-03 (-0.04, 0.04	0.978	0.009	0.028	0.044	0.520	0.03 (-0.06, 0.11)	-0.002	0.434	0.005	0.033	0.882	4.86e-03 (-0.06, 0.0	0.044	0.045	0.332	0.04 (-0.04, 0.13)
3294_55	CFC1	CFC1	226	-0.001	0.018	0.937	-1.44e-03 (-0.04, 0.03	0.978	0.394	-0.023	0.037	0.531	-0.02 (-0.10, 0.05)	0.001	0.499	-0.053	0.031	0.090	-0.05 (-0.11, 0.01)	-0.067	0.041	0.102	-0.07 (-0.15, 0.01)
3320_49	IGFBP7	IGFBP-7	226	0.002	0.021	0.939	1.63e-03 (-0.04, 0.04)	0.978	0.016	-0.010	0.043	0.806	-0.01 (-0.09, 0.07)	0.001	0.743	-0.029	0.039	0.453	-0.03 (-0.11, 0.05)	-0.018	0.042	0.673	-0.02 (-0.10, 0.06)
3340_53	THBS4	TSP4	226	0.002	0.019	0.934	1.57e-03 (-0.04, 0.04)	0.978	0.061	-0.046	0.041	0.268	-0.05 (-0.13, 0.03)	0.003	0.187	-0.032	0.037	0.397	-0.03 (-0.10, 0.04)	-0.053	0.046	0.255	-0.05 (-0.14, 0.04)
4141_79	CXCL10	IP-10	226	0.002	0.019	0.938	1.51e-03 (-0.04, 0.04)	0.978	0.108	0.017	0.041	0.688	0.02 (-0.06, 0.10)	-0.001	0.674	-0.009	0.031	0.778	-0.01 (-0.07, 0.05)	-0.050	0.044	0.257	-0.05 (-0.14, 0.04)
4143_74	XCL1	Lymphotact	226	0.002	0.021	0.942	1.57e-03 (-0.04, 0.04)	0.978	0.002	-0.012	0.043	0.775	-0.01 (-0.10, 0.07)	0.001	0.711	-0.002	0.040	0.956	-2.19e-03 (-0.08, 0.	-0.005	0.037	0.886	-0.01 (-0.08, 0.07)
4163_5	H2AFZ	Histone H2	226	0.002	0.021	0.936	1.68e-03 (-0.04, 0.04)	0.978	0.034	0.029	0.042	0.495	0.03 (-0.05, 0.11)	-0.002	0.460	0.025	0.040	0.535	0.03 (-0.05, 0.10)	0.006	0.044	0.900	0.01 (-0.08, 0.09)
4551_72	ADGRG5	GP114	226	-0.001	0.019	0.941	-1.45e-03 (-0.04, 0.04	0.978	0.291	0.013	0.040	0.740	0.01 (-0.07, 0.09)	-0.001	0.671	0.000	0.042	0.997	-1.76e-04 (-0.08, 0.	0.020	0.043	0.651	0.02 (-0.06, 0.10)
4557_61	KIRREL3	KIRR3	226	0.001	0.019	0.940	1.47e-03 (-0.04, 0.04)	0.978	0.082	0.040	0.042	0.339	0.04 (-0.04, 0.12)	-0.002	0.288	-0.018	0.039	0.652	-0.02 (-0.09, 0.06)	0.006	0.041	0.891	0.01 (-0.07, 0.09)
5225_50	CSNK2A1	CK2-A1:B	226	0.001	0.018	0.938	1.42e-03 (-0.03, 0.04)	0.978	0.771	-0.011	0.037	0.775	-0.01 (-0.08, 0.06)	0.001	0.708	-0.021	0.033	0.521	-0.02 (-0.09, 0.04)	-0.026	0.039	0.513	-0.03 (-0.10, 0.05)
5392_73	FAS	Fas, soluble	226	-0.002	0.020	0.934	-1.63e-03 (-0.04, 0.04	0.978	0.049	0.028	0.040	0.486	0.03 (-0.05, 0.11)	-0.002	0.396	0.038	0.033	0.247	0.04 (-0.03, 0.10)	0.024	0.039	0.541	0.02 (-0.05, 0.10)
5468_67	IL17RC	IL-17 RC	226	-0.001	0.019	0.940	-1.43e-03 (-0.04, 0.04	0.978	0.463	-0.002	0.038	0.967	-1.58e-03 (-0.08, 0.07)	0.000	0.996	0.004	0.038	0.911	4.27e-03 (-0.07, 0.0	0.007	0.039	0.858	0.01 (-0.07, 0.08)
5491_12	SPOCK2	Testican-2	226	-0.002	0.021	0.938	-1.62e-03 (-0.04, 0.04	0.978	0.003	0.067	0.042	0.111	0.07 (-0.02, 0.15)	-0.004	0.060	0.039	0.036	0.284	0.04 (-0.03, 0.11)	0.039	0.043	0.362	0.04 (-0.05, 0.12)
5605_77	MFNG	MFNG	226	0.002	0.019	0.935	1.59e-03 (-0.04, 0.04)	0.978	0.632	0.032	0.039	0.420	0.03 (-0.04, 0.11)	-0.002	0.377	-0.020	0.041	0.629	-0.02 (-0.10, 0.06)	-0.018	0.044	0.674	-0.02 (-0.10, 0.07)
6371_50	ANGPTL7	ANGL7	226	0.002	0.020	0.933	1.64e-03 (-0.04, 0.04)	0.978	0.846	0.024	0.039	0.549	0.02 (-0.05, 0.10)	-0.001	0.521	0.000	0.042	0.999	-5.06e-05 (-0.08, 0.	0.005	0.044	0.916	4.62e-03 (-0.08, 0.09)
6444_15	PSG3	PSG3	226	0.002	0.020	0.936	1.57e-03 (-0.04, 0.04)	0.978	0.847	0.010	0.039	0.796	0.01 (-0.07, 0.09)	-0.001	0.801	-0.007	0.040	0.853	-0.01 (-0.09, 0.07)	0.012	0.042	0.774	0.01 (-0.07, 0.10)
6621_10	RLN2	REL2	226	-0.002	0.020	0.934	-1.62e-03 (-0.04, 0.04	0.978	0.419	-0.056	0.040	0.158	-0.06 (-0.13, 0.02)	0.003	0.115	0.001	0.041	0.973	1.40e-03 (-0.08, 0.0	-0.010	0.040	0.805	-0.01 (-0.09, 0.07)
7009_8	CD72	CD72	226	0.001	0.019	0.939	1.48e-03 (-0.04, 0.04)	0.978	0.362	-0.036	0.039	0.365	-0.04 (-0.11, 0.04)	0.002	0.277	-0.033	0.040	0.403	-0.03 (-0.11, 0.04)	-0.043	0.040	0.284	-0.04 (-0.12, 0.04)
7132_55	C1QL4	C1QL4	226	0.001	0.020	0.941	1.45e-03 (-0.04, 0.04)	0.978	0.405	0.012	0.040	0.763	0.01 (-0.07, 0.09)	-0.001	0.759	-0.006	0.038	0.874	-0.01 (-0.08, 0.07)	-0.001	0.038	0.988	-5.71e-04 (-0.07, 0.07)
7265_32	OSTN	OSTN	226	0.002	0.021	0.940	1.61e-03 (-0.04, 0.04)	0.978	0.019	0.034	0.043	0.436	0.03 (-0.05, 0.12)	-0.002	0.393	0.046	0.038	0.230	0.05 (-0.03, 0.12)	0.029	0.044	0.516	0.03 (-0.06, 0.12)
8252_2	NOTUM	NOTUM	226	0.002	0.024	0.937	1.86e-03 (-0.04, 0.05)	0.978	2.23E-06	0.023	0.048	0.625	0.02 (-0.07, 0.12)	-0.001	0.604	0.043	0.041	0.295	0.04 (-0.04, 0.12)	0.066	0.040	0.102	0.07 (-0.01, 0.15)
8258_22	UXS1	UXS1	226	0.001	0.019	0.936	1.50e-03 (-0.03, 0.04)	0.978	0.108	0.008	0.040	0.836	0.01 (-0.07, 0.09)	0.000	0.846	-0.039	0.035	0.270	-0.04 (-0.11, 0.03)	-0.037	0.040	0.352	-0.04 (-0.12, 0.04)
8404_102	BOLA2	BolA-like pr	226	0.002	0.022	0.939	1.64e-03 (-0.04, 0.04)	0.978	0.012	0.034	0.044	0.439	0.03 (-0.05, 0.12)	-0.002	0.396	-0.017	0.041	0.676	-0.02 (-0.10, 0.06)	0.006	0.045	0.888	0.01 (-0.08, 0.09)
8992_1	TMEM2	TMEM2	226	-0.002	0.021	0.942	-1.53e-03 (-0.04, 0.04	0.978	0.045	0.121	0.041	0.004	0.12 (0.04, 0.20)	-0.008	0.001	0.039	0.033	0.240	0.04 (-0.03, 0.10)	0.050	0.040	0.212	0.05 (-0.03, 0.13)
9172_69	MMP8	MMP-8	226	-0.002	0.029	0.935	-2.34e-03 (-0.06, 0.05	0.978	2.46E-22	-0.007	0.058	0.905	-0.01 (-0.12, 0.11)	0.000	0.927	0.023	0.041	0.567	0.02 (-0.06, 0.10)	0.011	0.042	0.793	0.01 (-0.07, 0.09)
9197_4	LGALS9	LEG9	226	0.002	0.019	0.935	1.56e-03 (-0.04, 0.04)	0.978	0.445	-0.018	0.038	0.634	-0.02 (-0.09, 0.06)	0.001	0.552	0.005	0.039	0.905	4.67e-03 (-0.07, 0.0	-0.009	0.042	0.833	-0.01 (-0.09, 0.07)
9288_7	FKBP7	FKBP7	226	0.001	0.018	0.940	1.38e-03 (-0.03, 0.04)	0.978	0.277	-0.027	0.038	0.477	-0.03 (-0.10, 0.05)	0.002	0.389	-0.028	0.033	0.387	-0.03 (-0.09, 0.04)	-0.005	0.043	0.911	-4.76e-03 (-0.09, 0.08)
9524_46	SPATA31D	S31D4	226	-0.001	0.019	0.940	-1.47e-03 (-0.04, 0.04	0.978	0.693	-0.074	0.039	0.059	-0.07 (-0.15, 2.42e-03)	0.005	0.033	0.005	0.040	0.909	4.58e-03 (-0.07, 0.0	-0.010	0.045	0.818	-0.01 (-0.10, 0.08)
5231_79	PCSK9	PCSK9	226	-0.002	0.024	0.942	-1.73e-03 (-0.05, 0.04	0.978	4.93E-08	0.006	0.048	0.902	0.01 (-0.09, 0.10)	0.000	0.855	0.011	0.041	0.783	0.01 (-0.07, 0.09)	0.022	0.041	0.600	0.02 (-0.06, 0.10)
11302_237	TNR	TENR	226	-0.001	0.019	0.943	-1.34e-03 (-0.04, 0.04	0.979	0.650	-0.025	0.038	0.501	-0.03 (-0.10, 0.05)	0.002	0.463	0.018	0.038	0.638	0.02 (-0.06, 0.09)	0.023	0.041	0.586	0.02 (-0.06, 0.10)
12715_30	DCP1B	DCP1B	226	0.001	0.019	0.943	1.37e-03 (-0.04, 0.04)	0.979	0.477	0.058	0.039	0.136	0.06 (-0.02, 0.13)	-0.004	0.094	0.039	0.038	0.298	0.04 (-0.03, 0.11)	0.024	0.041	0.551	0.02 (-0.06, 0.10)
16305_10	CDH11	Cadherin-1	226	0.001	0.019	0.943	1.40e-03 (-0.04, 0.04)	0.979	0.107	-0.095	0.041	0.020	-0.10 (-0.18, -0.02)	0.006	0.007	-0.069	0.033	0.039	-0.07 (-0.13, -3.36e-	-0.069	0.040	0.083	-0.07 (-0.15, 0.01)
18375_28	IL1F5	IL-1F5	226	-0.001	0.019	0.943	-1.36e-03 (-0.04, 0.04	0.979	0.067	-0.058	0.041	0.155	-0.06 (-0.14, 0.02)	0.004	0.110	-0.018	0.039	0.648	-0.02 (-0.10, 0.06)	-0.044	0.039	0.266	-0.04 (-0.12, 0.03)
3881_49	DYNLL1	DLC8	226	-0.001	0.020	0.943	-1.39e-03 (-0.04, 0.04	0.979	0.922	0.023	0.039	0.555	0.02 (-0.05, 0.10)	-0.002	0.471	0.035	0.036	0.333	0.03 (-0.04, 0.10)	0.029	0.039	0.465	0.03 (-0.05, 0.11)
6577_64	LAMA4	LAMA4	226	-0.001	0.020	0.943	-1.40e-03 (-0.04, 0.04	0.979	0.656	0.011	0.039	0.781	0.01 (-0.07, 0.09)	-0.001	0.718	-0.007	0.038	0.843	-0.01 (-0.08, 0.07)	0.010	0.041	0.818	0.01 (-0.07, 0.09)
4294_16	SPHK1	Sphingosin	226	-0.001	0.018	0.944	-1.28e-03 (-0.04, 0.03	0.979	0.424	-0.004	0.037	0.920	-3.71e-03 (-0.08, 0.07)	0.000	0.939	-0.007	0.032	0.819	-0.01 (-0.07, 0.06)	-0.026	0.040	0.512	-0.03 (-0.10, 0.05)
14186_13	RFFL	RFFL	226	-0.001	0.019	0.944	-1.36e-03 (-0.04, 0.04	0.979	0.345	0.028	0.040	0.486	0.03 (-0.05, 0.11)	-0.002	0.400	0.004	0.042	0.916	4.43e-03 (-0.08, 0.0	-0.013	0.047	0.790	-0.01 (-0.11, 0.08)
3859_50	PSMA1	PSA1	226	0.001	0.019	0.944	1.29e-03 (-0.03, 0.04)	0.979	0.102	0.006	0.040	0.871	0.01 (-0.07, 0.08)	0.000	0.881	-0.031	0.038	0.418	-0.03 (-0.11, 0.04)	0.013	0.047	0.783	0.01 (-0.08, 0.10)
12842_43	STX10	STX10	226	0.001	0.019	0.945	1.29e-03 (-0.04, 0.04)	0.979	0.889	0.011	0.038	0.771	0.01 (-0.06, 0.08)	-0.001	0.768	-0.021	0.036	0.572	-0.02 (-0.09, 0.05)	-0.022	0.039	0.578	-0.02 (-0.10, 0.05)
19113_66	SH3BGRL2	SH3L2	226	0.001	0.018	0.945	1.20e-03 (-0.03, 0.04)	0.980	0.169	-0.016	0.037	0.666	-0.02 (-0.09, 0.06)	0.001	0.593	-0.040	0.030	0.191	-0.04 (-0.10, 0.02)	-0.051	0.039	0.199	-0.05 (-0.13, 0.03)
8785_1	ARMC5	ARMC5	226	-0.001	0.022	0.946	-1.49e-03 (-0.04, 0.04	0.980	0.004	0.027	0.044	0.535	0.03 (-0.06, 0.11)	-0.002	0.451	0.045	0.032	0.165	0.04 (-0.02, 0.11)	0.038	0.039	0.329	0.04 (-0.04, 0.11)
17693_2	SEPTIN6	Septin-6	226	-0.001	0.019	0.946	-1.30e-03 (-0.04, 0.04	0.980	0.640	-0.014	0.039	0.719	-0.01 (-0.09, 0.06)	0.001	0.707	-0.026	0.033	0.436	-0.03 (-0.09, 0.04)	-0.024	0.044	0.595	-0.02 (-0.11, 0.06)
7085_81	CDSN	CDSN	226	-0.001	0.019	0.946	-1.28e-03 (-0.04, 0.04	0.980	0.089	-0.024	0.040	0.547	-0.02 (-0.10, 0.05)	0.001	0.511	-0.045	0.036	0.210	-0.04 (-0.11, 0.03)	-0.053	0.044	0.229	-0.05 (-0.14, 0.03)
15567_2	CD247	CD3-zeta	226	-0.001	0.019	0.947	-1.26e-03 (-0.04, 0.04	0.981	0.099	-0.024	0.041	0.564	-0.02 (-0.10, 0.06)	0.001	0.529	0.018	0.036	0.627	0.02 (-0.05, 0.09)	0.002	0.041	0.965	1.82e-03 (-0.08, 0.08)
4785_30	SERPINA6	CBG	226	0.001	0.019	0.948	1.28e-03 (-0.04, 0.04)	0.981	0.185	-0.002	0.041	0.970	-1.54e-03 (-0.08, 0.08)	0.000	0.937	-0.023	0.040	0.572	-0.02 (-0.10, 0.06)	-0.004	0.042	0.919	-4.32e-03 (-0.09, 0.08)
6342_10	NPNT	Nephronect	226	-0.001	0.019	0.948	-1.27e-03 (-0.04, 0.04	0.981	0.982	0.032	0.039	0.410	0.03 (-0.04, 0.11)	-0.002	0.324	-0.018	0.032	0.576	-0.02 (-0.08, 0.05)	-0.024	0.039	0.535	-0.02 (-0.10, 0.05)

Table S5. Association of type 2 diabetes with Fenland plasma protein.

Protein				**Inverse variance weighted**						**MR Egger**						**Weighted median**				**Weighted mode**			
SomaLogic	**Gene**	**Protein**	**nsnp**	**b.ivw**	**se.ivw**	**pval.ivw**	**CI.ivw**	**FDR.ivw**	**Q_pval**	**b.egger**	**se.egger**	**pval.egger**	**CI.egger**	**egger_inte**	**egger_pval**	**b.median**	**se.median**	**pval.media**	**CI.median**	**b.mode**	**se.mode**	**pval.mode**	**CI.mode**
13374_4	DEFB113	DB113	226	0.001	0.019	0.949	1.25e-03 (-0.04, 0.04)	0.981	0.362	0.024	0.040	0.541	0.02 (-0.05, 0.10)	-0.001	0.505	-0.011	0.037	0.768	-0.01 (-0.08, 0.06)	-0.005	0.038	0.898	-4.93e-03 (-0.08, 0.07)
17828_3	S100A14	S100A14	226	-0.001	0.020	0.949	-1.26e-03 (-0.04, 0.04	0.981	0.889	0.048	0.039	0.222	0.05 (-0.03, 0.13)	-0.003	0.149	0.035	0.037	0.351	0.03 (-0.04, 0.11)	0.043	0.040	0.277	0.04 (-0.03, 0.12)
18165_181	UBE2V2	UB2V2	226	0.001	0.018	0.949	1.16e-03 (-0.03, 0.04)	0.981	0.419	0.010	0.037	0.783	0.01 (-0.06, 0.08)	-0.001	0.778	-0.030	0.034	0.387	-0.03 (-0.10, 0.04)	-0.028	0.036	0.432	-0.03 (-0.10, 0.04)
15306_20	IGJ	IgJ	226	-0.001	0.019	0.950	-1.20e-03 (-0.04, 0.04	0.982	0.339	-0.027	0.039	0.495	-0.03 (-0.10, 0.05)	0.002	0.453	-0.014	0.041	0.734	-0.01 (-0.09, 0.07)	-0.003	0.042	0.938	-3.24e-03 (-0.09, 0.08)
16746_12	INHBB	Activin B	226	0.001	0.019	0.950	1.17e-03 (-0.04, 0.04)	0.982	0.097	-0.029	0.040	0.478	-0.03 (-0.11, 0.05)	0.002	0.395	-0.005	0.031	0.862	-0.01 (-0.07, 0.06)	0.017	0.037	0.653	0.02 (-0.06, 0.09)
2827_23	CX3CL1	Fractalkine/	226	-0.001	0.019	0.950	-1.17e-03 (-0.04, 0.04	0.982	0.647	-0.029	0.038	0.454	-0.03 (-0.10, 0.05)	0.002	0.408	0.010	0.035	0.785	0.01 (-0.06, 0.08)	-0.027	0.044	0.544	-0.03 (-0.11, 0.06)
5091_28	LILRB2	ILT-4	226	-0.001	0.022	0.951	-1.36e-03 (-0.04, 0.04	0.982	0.001	0.036	0.045	0.414	0.04 (-0.05, 0.12)	-0.002	0.329	-0.018	0.039	0.646	-0.02 (-0.09, 0.06)	-0.017	0.040	0.678	-0.02 (-0.10, 0.06)
5596_75	CD5	CD5	226	0.001	0.018	0.951	1.13e-03 (-0.03, 0.04)	0.982	0.518	0.023	0.037	0.538	0.02 (-0.05, 0.10)	-0.001	0.500	0.013	0.036	0.719	0.01 (-0.06, 0.08)	0.012	0.037	0.749	0.01 (-0.06, 0.08)
5909_51	NME1	Nucleoside	226	0.001	0.018	0.950	1.14e-03 (-0.03, 0.04)	0.982	0.874	-0.011	0.036	0.757	-0.01 (-0.08, 0.06)	0.001	0.695	-0.009	0.032	0.772	-0.01 (-0.07, 0.05)	-0.028	0.036	0.427	-0.03 (-0.10, 0.04)
8838_10	CASC4	CASC4	226	-0.002	0.037	0.951	-2.27e-03 (-0.07, 0.07	0.982	6.69E-77	0.019	0.074	0.800	0.02 (-0.13, 0.16)	-0.001	0.744	-0.004	0.033	0.904	-3.98e-03 (-0.07, 0.	0.004	0.045	0.925	4.25e-03 (-0.08, 0.09)
9294_45	MFAP2	MFAP2	226	0.001	0.023	0.950	1.44e-03 (-0.04, 0.05)	0.982	3.26E-05	-0.071	0.046	0.126	-0.07 (-0.16, 0.02)	0.005	0.072	-0.067	0.037	0.068	-0.07 (-0.14, 4.86e-	-0.058	0.040	0.145	-0.06 (-0.14, 0.02)
9582_93	SUSD1	SUSD1	226	-0.001	0.020	0.950	-1.22e-03 (-0.04, 0.04	0.982	0.129	0.007	0.042	0.870	0.01 (-0.07, 0.09)	-0.001	0.824	-0.029	0.039	0.458	-0.03 (-0.11, 0.05)	-0.030	0.043	0.485	-0.03 (-0.12, 0.05)
12395_86	DARS2	SYDM	226	-0.001	0.018	0.951	-1.10e-03 (-0.04, 0.03	0.982	0.133	-0.020	0.038	0.607	-0.02 (-0.09, 0.06)	0.001	0.575	-0.021	0.030	0.492	-0.02 (-0.08, 0.04)	-0.036	0.037	0.338	-0.04 (-0.11, 0.04)
8955_60	GLT8D1	GL8D1	226	0.001	0.020	0.952	1.18e-03 (-0.04, 0.04)	0.982	0.285	-0.093	0.040	0.020	-0.09 (-0.17, -0.02)	0.006	0.007	-0.018	0.031	0.551	-0.02 (-0.08, 0.04)	-0.050	0.036	0.168	-0.05 (-0.12, 0.02)
17337_1	YY1	TYY1	226	-0.001	0.018	0.953	-1.10e-03 (-0.04, 0.04	0.983	0.327	-0.045	0.038	0.232	-0.05 (-0.12, 0.03)	0.003	0.179	0.004	0.038	0.911	4.27e-03 (-0.07, 0.0	0.026	0.038	0.493	0.03 (-0.05, 0.10)
2647_66	GDI2	Rab GDP d	226	0.001	0.018	0.953	1.03e-03 (-0.03, 0.04)	0.983	0.820	-0.028	0.035	0.422	-0.03 (-0.10, 0.04)	0.002	0.338	-0.046	0.029	0.106	-0.05 (-0.10, 0.01)	-0.070	0.041	0.087	-0.07 (-0.15, 0.01)
6433_57	FAM20A	FA20A	226	0.001	0.018	0.953	1.06e-03 (-0.03, 0.04)	0.983	0.165	0.000	0.038	0.994	-2.92e-04 (-0.08, 0.07)	0.000	0.968	0.006	0.038	0.880	0.01 (-0.07, 0.08)	0.013	0.038	0.745	0.01 (-0.06, 0.09)
11231_12	FDX1L	ADXL	226	-0.001	0.019	0.954	-1.11e-03 (-0.04, 0.04	0.984	0.882	0.040	0.039	0.306	0.04 (-0.04, 0.12)	-0.003	0.225	0.033	0.036	0.362	0.03 (-0.04, 0.10)	0.009	0.043	0.835	0.01 (-0.08, 0.09)
5339_49	S100A9	calgranulin	226	0.001	0.019	0.954	1.10e-03 (-0.04, 0.04)	0.984	0.400	-0.024	0.039	0.545	-0.02 (-0.10, 0.05)	0.002	0.466	0.013	0.035	0.719	0.01 (-0.06, 0.08)	0.005	0.040	0.907	4.65e-03 (-0.07, 0.08)
17450_51	HARS	Histidyl-tRN	226	0.001	0.019	0.955	1.05e-03 (-0.04, 0.04)	0.984	0.654	0.001	0.038	0.986	6.40e-04 (-0.07, 0.07)	0.000	0.990	-0.012	0.030	0.682	-0.01 (-0.07, 0.05)	-0.016	0.037	0.668	-0.02 (-0.09, 0.06)
15299_102	MESDC2	MESD2	226	0.001	0.018	0.956	9.92e-04 (-0.03, 0.04)	0.985	0.701	-0.022	0.036	0.545	-0.02 (-0.09, 0.05)	0.001	0.466	-0.003	0.031	0.925	-2.96e-03 (-0.06, 0.	-0.007	0.035	0.844	-0.01 (-0.08, 0.06)
3213_65	NID1	Nidogen	226	-0.001	0.018	0.956	-9.97e-04 (-0.04, 0.03	0.985	0.219	-0.045	0.038	0.237	-0.04 (-0.12, 0.03)	0.003	0.183	-0.025	0.037	0.490	-0.03 (-0.10, 0.05)	-0.043	0.039	0.267	-0.04 (-0.12, 0.03)
9176_3	MUC1	MUC1	226	0.001	0.021	0.956	1.17e-03 (-0.04, 0.04)	0.985	0.018	-0.071	0.042	0.097	-0.07 (-0.15, 0.01)	0.004	0.052	0.009	0.040	0.830	0.01 (-0.07, 0.09)	-0.008	0.044	0.862	-0.01 (-0.09, 0.08)
19289_29	UROD	DCUP	226	-0.001	0.019	0.957	-1.05e-03 (-0.04, 0.04	0.985	0.728	-0.028	0.039	0.467	-0.03 (-0.10, 0.05)	0.002	0.420	-0.016	0.041	0.694	-0.02 (-0.10, 0.06)	-0.018	0.045	0.681	-0.02 (-0.11, 0.07)
11096_57	N6AMT1	HEMK2	226	-0.001	0.019	0.957	-9.90e-04 (-0.04, 0.04	0.985	0.246	0.039	0.038	0.308	0.04 (-0.04, 0.11)	-0.003	0.228	-0.001	0.039	0.984	-7.87e-04 (-0.08, 0.	0.012	0.038	0.749	0.01 (-0.06, 0.09)
16613_3	CDH17	CAD17	226	0.001	0.024	0.957	1.28e-03 (-0.05, 0.05)	0.985	1.18E-06	0.055	0.048	0.255	0.05 (-0.04, 0.15)	-0.003	0.201	0.046	0.034	0.178	0.05 (-0.02, 0.11)	0.043	0.039	0.268	0.04 (-0.03, 0.12)
17335_18	VAMP2	VAMP2	226	-0.001	0.020	0.957	-1.05e-03 (-0.04, 0.04	0.985	0.645	-0.035	0.039	0.382	-0.03 (-0.11, 0.04)	0.002	0.329	-0.013	0.033	0.697	-0.01 (-0.08, 0.05)	-0.066	0.040	0.103	-0.07 (-0.14, 0.01)
19303_64	PET117	PT117	226	0.001	0.019	0.958	1.01e-03 (-0.04, 0.04)	0.985	0.073	0.004	0.041	0.921	4.09e-03 (-0.08, 0.08)	0.000	0.931	0.041	0.036	0.260	0.04 (-0.03, 0.11)	0.023	0.037	0.526	0.02 (-0.05, 0.10)
19560_23	PLXNA4	PLXA4	226	0.001	0.022	0.958	1.17e-03 (-0.04, 0.04)	0.986	2.40E-05	0.007	0.045	0.875	0.01 (-0.08, 0.10)	0.000	0.880	-0.022	0.035	0.524	-0.02 (-0.09, 0.05)	-0.026	0.038	0.503	-0.03 (-0.10, 0.05)
2816_50	BCAM	BCAM	226	-0.001	0.027	0.958	-1.42e-03 (-0.05, 0.05	0.986	1.11E-19	0.013	0.055	0.816	0.01 (-0.09, 0.12)	-0.001	0.765	-0.011	0.037	0.772	-0.01 (-0.08, 0.06)	-0.033	0.040	0.410	-0.03 (-0.11, 0.05)
15435_4	PNP	PNP	226	0.001	0.018	0.959	9.03e-04 (-0.03, 0.04)	0.986	0.701	-0.029	0.035	0.418	-0.03 (-0.10, 0.04)	0.002	0.336	-0.051	0.033	0.122	-0.05 (-0.11, 0.01)	-0.067	0.039	0.091	-0.07 (-0.14, 0.01)
17797_1	CUL1	CUL1	226	-0.001	0.019	0.959	-9.74e-04 (-0.04, 0.04	0.986	0.495	0.043	0.038	0.265	0.04 (-0.03, 0.12)	-0.003	0.189	0.021	0.037	0.578	0.02 (-0.05, 0.09)	0.026	0.039	0.498	0.03 (-0.05, 0.10)
3434_34	FN1	FN1.3	226	0.001	0.019	0.959	9.82e-04 (-0.04, 0.04)	0.986	0.841	0.006	0.039	0.881	0.01 (-0.07, 0.08)	0.000	0.886	-0.016	0.036	0.659	-0.02 (-0.09, 0.05)	-0.025	0.040	0.540	-0.02 (-0.10, 0.05)
6940_18	JPH1	JPH1	226	0.001	0.019	0.959	9.95e-04 (-0.04, 0.04)	0.986	0.414	0.042	0.040	0.295	0.04 (-0.04, 0.12)	-0.003	0.239	0.002	0.031	0.952	1.86e-03 (-0.06, 0.0	0.019	0.039	0.631	0.02 (-0.06, 0.10)
8018_43	VSIG2	VSIG2	226	0.001	0.019	0.959	9.83e-04 (-0.04, 0.04)	0.986	0.813	-0.043	0.038	0.261	-0.04 (-0.12, 0.03)	0.003	0.185	-0.039	0.033	0.236	-0.04 (-0.10, 0.03)	-0.056	0.042	0.179	-0.06 (-0.14, 0.03)
3040_59	CCL3	MIP-1a	226	-0.001	0.019	0.960	-9.67e-04 (-0.04, 0.04	0.986	0.350	-0.017	0.039	0.674	-0.02 (-0.09, 0.06)	0.001	0.648	-0.022	0.033	0.497	-0.02 (-0.09, 0.04)	-0.048	0.043	0.268	-0.05 (-0.13, 0.04)
4460_8	PDPK1	PDPK1	226	0.001	0.018	0.960	9.11e-04 (-0.03, 0.04)	0.986	0.596	-0.012	0.036	0.736	-0.01 (-0.08, 0.06)	0.001	0.676	-0.034	0.037	0.354	-0.03 (-0.11, 0.04)	-0.016	0.036	0.651	-0.02 (-0.09, 0.05)
10613_33	CASC4	CASC4	226	0.002	0.040	0.963	1.86e-03 (-0.08, 0.08)	0.986	2.77E-112	-0.012	0.080	0.876	-0.01 (-0.17, 0.14)	0.001	0.837	0.006	0.033	0.857	0.01 (-0.06, 0.07)	-0.019	0.040	0.628	-0.02 (-0.10, 0.06)
13093_6	SECTM1	SECTM1	226	0.001	0.024	0.962	1.14e-03 (-0.05, 0.05)	0.986	1.42E-06	0.013	0.048	0.782	0.01 (-0.08, 0.11)	-0.001	0.770	-0.002	0.039	0.954	-2.27e-03 (-0.08, 0.	0.031	0.039	0.426	0.03 (-0.04, 0.11)
17320_19	AASDHPP	ADPPT	226	0.001	0.018	0.963	8.61e-04 (-0.04, 0.04)	0.986	0.762	0.002	0.037	0.967	1.53e-03 (-0.07, 0.07)	0.000	0.984	-0.017	0.029	0.561	-0.02 (-0.07, 0.04)	-0.026	0.039	0.513	-0.03 (-0.10, 0.05)
17336_54	CREB3L2	CR3L2	226	-0.001	0.020	0.962	-9.33e-04 (-0.04, 0.04	0.986	0.494	0.070	0.039	0.077	0.07 (-0.01, 0.15)	-0.004	0.039	0.026	0.031	0.413	0.03 (-0.04, 0.09)	0.048	0.042	0.257	0.05 (-0.03, 0.13)
18290_6	ANXA8	Annexin A8	226	0.001	0.020	0.961	9.47e-04 (-0.04, 0.04)	0.986	0.262	0.009	0.041	0.821	0.01 (-0.07, 0.09)	-0.001	0.816	0.015	0.037	0.690	0.01 (-0.06, 0.09)	-0.009	0.041	0.825	-0.01 (-0.09, 0.07)
19590_46	SFTPD	SP-D	226	-0.001	0.022	0.962	-1.06e-03 (-0.04, 0.04	0.986	0.001	-0.039	0.045	0.377	-0.04 (-0.13, 0.05)	0.002	0.322	-0.052	0.037	0.164	-0.05 (-0.12, 0.02)	-0.052	0.042	0.216	-0.05 (-0.13, 0.03)
4392_54	FGF12	FGF-12	226	-0.001	0.019	0.961	-9.14e-04 (-0.04, 0.04	0.986	0.067	0.049	0.040	0.225	0.05 (-0.03, 0.13)	-0.003	0.155	0.029	0.037	0.426	0.03 (-0.04, 0.10)	0.031	0.038	0.412	0.03 (-0.04, 0.11)
7090_17	GALNT1	GALT1	226	-0.001	0.023	0.963	-1.07e-03 (-0.05, 0.04	0.986	5.91E-05	0.017	0.046	0.716	0.02 (-0.07, 0.11)	-0.001	0.656	0.042	0.038	0.271	0.04 (-0.03, 0.12)	0.034	0.041	0.406	0.03 (-0.05, 0.11)
7105_7	CABLES2	CABL2	226	-0.001	0.018	0.961	-8.94e-04 (-0.04, 0.03	0.986	0.954	-0.042	0.037	0.253	-0.04 (-0.11, 0.03)	0.003	0.198	-0.048	0.035	0.172	-0.05 (-0.12, 0.02)	-0.055	0.041	0.176	-0.06 (-0.13, 0.02)
9600_55	THSD7A	THS7A	226	-0.001	0.020	0.962	-9.30e-04 (-0.04, 0.04	0.986	0.523	0.013	0.040	0.752	0.01 (-0.06, 0.09)	-0.001	0.695	-0.026	0.034	0.450	-0.03 (-0.09, 0.04)	-0.044	0.043	0.309	-0.04 (-0.13, 0.04)
9925_56	SCARF2	SREC-II	226	-0.001	0.019	0.962	-9.00e-04 (-0.04, 0.04	0.986	0.256	0.047	0.039	0.230	0.05 (-0.03, 0.12)	-0.003	0.159	0.013	0.037	0.718	0.01 (-0.06, 0.09)	-0.001	0.038	0.985	-7.22e-04 (-0.08, 0.07)
13984_23	DDX25	DDX25	226	0.001	0.019	0.963	8.86e-04 (-0.04, 0.04)	0.987	0.369	-0.035	0.039	0.372	-0.04 (-0.11, 0.04)	0.002	0.292	0.005	0.037	0.886	0.01 (-0.07, 0.08)	-0.021	0.039	0.595	-0.02 (-0.10, 0.06)
9907_216	TNKS	Tankyrase-	226	0.001	0.019	0.963	8.88e-04 (-0.04, 0.04)	0.987	0.563	0.008	0.039	0.835	0.01 (-0.07, 0.08)	0.000	0.831	0.024	0.037	0.528	0.02 (-0.05, 0.10)	0.007	0.039	0.864	0.01 (-0.07, 0.08)
18330_7	PGM2	PGM2	226	-0.001	0.019	0.964	-8.50e-04 (-0.04, 0.04	0.987	0.894	0.017	0.038	0.658	0.02 (-0.06, 0.09)	-0.001	0.592	-0.009	0.036	0.801	-0.01 (-0.08, 0.06)	-0.021	0.039	0.587	-0.02 (-0.10, 0.06)
18878_15	GREM1	GREM1	226	0.001	0.023	0.964	1.03e-03 (-0.04, 0.05)	0.987	1.70E-04	-0.012	0.045	0.791	-0.01 (-0.10, 0.08)	0.001	0.740	0.021	0.039	0.590	0.02 (-0.06, 0.10)	0.008	0.042	0.855	0.01 (-0.08, 0.09)
16596_25	GLRX3	GLRX3	226	-0.001	0.018	0.964	-8.08e-04 (-0.04, 0.03	0.987	0.885	-0.005	0.036	0.894	-4.88e-03 (-0.08, 0.07)	0.000	0.898	-0.034	0.033	0.303	-0.03 (-0.10, 0.03)	-0.025	0.037	0.492	-0.03 (-0.10, 0.05)
5749_53	CLPS	COL	226	0.001	0.023	0.965	1.00e-03 (-0.04, 0.05)	0.988	1.19E-04	0.096	0.045	0.036	0.10 (0.01, 0.18)	-0.006	0.017	0.017	0.033	0.593	0.02 (-0.05, 0.08)	0.055	0.048	0.251	0.06 (-0.04, 0.15)
8479_4	MMP10	MMP-10	226	0.001	0.019	0.965	8.31e-04 (-0.04, 0.04)	0.988	0.120	0.006	0.041	0.881	0.01 (-0.07, 0.09)	0.000	0.882	-0.018	0.040	0.658	-0.02 (-0.10, 0.06)	0.006	0.043	0.894	0.01 (-0.08, 0.09)
9212_22	CTSF	CATF	226	-0.001	0.027	0.965	-1.18e-03 (-0.05, 0.05	0.988	5.08E-16	0.036	0.055	0.511	0.04 (-0.07, 0.14)	-0.002	0.435	0.010	0.034	0.768	0.01 (-0.06, 0.08)	0.033	0.041	0.424	0.03 (-0.05, 0.11)
3038_9	CXCL11	I-TAC	226	-0.001	0.021	0.966	-8.79e-04 (-0.04, 0.04	0.988	0.006	-0.011	0.042	0.790	-0.01 (-0.09, 0.07)	0.001	0.777	-0.037	0.031	0.231	-0.04 (-0.10, 0.02)	-0.047	0.040	0.248	-0.05 (-0.13, 0.03)
3603_60	CLEC7A	CLC7A	226	-0.001	0.020	0.966	-8.51e-04 (-0.04, 0.04	0.988	0.007	0.019	0.040	0.635	0.02 (-0.06, 0.10)	-0.001	0.568	-0.026	0.035	0.452	-0.03 (-0.10, 0.04)	-0.013	0.039	0.730	-0.01 (-0.09, 0.06)
6240_70	RSPO1	RSPO1	226	-0.001	0.021	0.966	-8.78e-04 (-0.04, 0.04	0.988	0.028	0.024	0.042	0.564	0.02 (-0.06, 0.11)	-0.002	0.491	0.033	0.040	0.404	0.03 (-0.05, 0.11)	0.034	0.044	0.448	0.03 (-0.05, 0.12)
7779_86	CHST11	CHSTB	226	-0.001	0.030	0.966	-1.29e-03 (-0.06, 0.06	0.988	4.47E-33	-0.026	0.061	0.670	-0.03 (-0.15, 0.09)	0.002	0.641	-0.064	0.036	0.074	-0.06 (-0.13, 0.01)	-0.067	0.037	0.069	-0.07 (-0.14, 4.95e-03)
17403_14	ACADSB	acyl-Coenz	226	-0.001	0.019	0.967	-7.55e-04 (-0.04, 0.04	0.988	0.057	0.007	0.040	0.863	0.01 (-0.07, 0.09)	0.000	0.825	-0.016	0.034	0.635	-0.02 (-0.08, 0.05)	-0.002	0.041	0.957	-2.20e-03 (-0.08, 0.08)
18327_6	SNX5	SNX5	226	-0.001	0.018	0.968	-7.48e-04 (-0.04, 0.04	0.988	0.524	-0.027	0.037	0.469	-0.03 (-0.10, 0.05)	0.002	0.417	-0.027	0.036	0.463	-0.03 (-0.10, 0.04)	-0.015	0.038	0.688	-0.02 (-0.09, 0.06)
19617_5	PTGR1	LTB4DH	226	0.001	0.019	0.967	7.92e-04 (-0.04, 0.04)	0.988	0.050	-0.037	0.042	0.376	-0.04 (-0.12, 0.04)	0.002	0.298	-0.047	0.037	0.203	-0.05 (-0.12, 0.03)	-0.041	0.041	0.320	-0.04 (-0.12, 0.04)
4993_16	GSTA3	GSTA3	226	-0.001	0.020	0.968	-7.94e-04 (-0.04, 0.04	0.988	0.174	-0.005	0.041	0.910	-4.66e-03 (-0.09, 0.08)	0.000	0.914	-0.018	0.041	0.654	-0.02 (-0.10, 0.06)	-0.004	0.042	0.931	-3.64e-03 (-0.09, 0.08)
9319_59	TMED4	TMED4	226	0.001	0.019	0.967	7.95e-04 (-0.04, 0.04)	0.988	0.200	0.033	0.041	0.415	0.03 (-0.05, 0.11)	-0.002	0.359	0.041	0.041	0.322	0.04 (-0.04, 0.12)	0.058	0.041	0.151	0.06 (-0.02, 0.14)
3346_72	AURKB	AURKB	226	-0.001	0.019	0.969	-7.66e-04 (-0.04, 0.04	0.989	0.364	-0.040	0.040	0.319	-0.04 (-0.12, 0.04)	0.002	0.260	-0.020	0.040	0.615	-0.02 (-0.10, 0.06)	-0.039	0.040	0.328	-0.04 (-0.12, 0.04)
10580_14	SFTA2	SFTA2	226	0.001	0.019	0.969	7.48e-04 (-0.04, 0.04)	0.989	0.603	-0.032	0.039	0.406	-0.03 (-0.11, 0.04)	0.002	0.327	0.023	0.039	0.548	0.02 (-0.05, 0.10)	0.023	0.042	0.584	0.02 (-0.06, 0.10)
15614_168	LILRA2	LIRA2	226	0.001	0.019	0.969	7.33e-04 (-0.04, 0.04)	0.989	0.230	0.017	0.039	0.669	0.02 (-0.06, 0.09)	-0.001	0.637	0.018	0.032	0.568	0.02 (-0.04, 0.08)	0.037	0.041	0.364	0.04 (-0.04, 0.12)
17355_56	SYT4	SYT4	226	0.001	0.018	0.970	6.76e-04 (-0.03, 0.04)	0.989	0.633	-0.042	0.036	0.248	-0.04 (-0.11, 0.03)	0.003	0.177	-0.016	0.036	0.652	-0.02 (-0.09, 0.05)	0.005	0.038	0.896	0.01 (-0.07, 0.08)
12532_28	CDC34	UB2R1	226	0.001	0.019	0.970	7.30e-04 (-0.04, 0.04)	0.989	0.862	-0.041	0.039	0.289	-0.04 (-0.12, 0.04)	0.003	0.214	-0.039	0.031	0.211	-0.04 (-0.10, 0.02)	-0.039	0.043	0.368	-0.04 (-0.12, 0.05)
5822_22	GDNF	GDNF	226	0.001	0.019	0.970	7.22e-04 (-0.04, 0.04)	0.990	0.600	0.053	0.039	0.173	0.05 (-0.02, 0.13)	-0.003	0.122	-0.013	0.037	0.718	-0.01 (-0.09, 0.06)	0.009	0.043	0.835	0.01 (-0.07, 0.09)
9116_28	HEPACAM	HECA2	226	0.001	0.019	0.971	7.08e-04 (-0.04, 0.04)	0.990	0.295	-0.055	0.040	0.170	-0.05 (-0.13, 0.02)	0.003	0.109	-0.021	0.037	0.579	-0.02 (-0.09, 0.05)	-0.028	0.043	0.517	-0.03 (-0.11, 0.06)
9927_96	TNS4	TENS4	226	-0.001	0.020	0.971	-7.07e-04 (-0.04, 0.04	0.990	0.197	0.073	0.041	0.075	0.07 (-0.01, 0.15)	-0.005	0.039	0.038	0.035	0.282	0.04 (-0.03, 0.11)	0.024	0.043	0.577	0.02 (-0.06, 0.11)
6447_73	PTX3	PTX3	226	-0.001	0.022	0.972	-7.67e-04 (-0.04, 0.04	0.990	0.009	-0.035	0.044	0.421	-0.04 (-0.12, 0.05)	0.002	0.364	0.023	0.036	0.518	0.02 (-0.05, 0.09)	0.010	0.041	0.800	0.01 (-0.07, 0.09)
8345_27	GPX7	GPX7	226	-0.001	0.020	0.972	-7.26e-04 (-0.04, 0.04	0.990	0.017	-0.070	0.041	0.087	-0.07 (-0.15, 0.01)	0.004	0.051	-0.053	0.034	0.116	-0.05 (-0.12, 0.01)	-0.054	0.040	0.179	-0.05 (-0.13, 0.02)
12594_5	GCA	GRAN	226	-0.001	0.019	0.972	-6.55e-04 (-0.04, 0.04	0.990	0.601	-0.031	0.038	0.417	-0.03 (-0.11, 0.04)	0.002	0.360	0.016	0.038	0.670	0.02 (-0.06, 0.09)	0.011	0.041	0.788	0.01 (-0.07, 0.09)
9840_2	CDC42	Cdc42Hs	226	-0.001	0.018	0.972	-6.11e-04 (-0.04, 0.03	0.990	0.470	-0.020	0.036	0.572	-0.02 (-0.09, 0.05)	0.001	0.528	-0.034	0.029	0.232	-0.03 (-0.09, 0.02)	-0.052	0.037	0.156	-0.05 (-0.12, 0.02)
9880_33	TDO2	T23O	226	-0.001	0.019	0.972	-6.44e-04 (-0.04, 0.04	0.990	0.372	0.032	0.038	0.395	0.03 (-0.04, 0.11)	-0.002	0.318	0.000	0.038	0.991	-4.31e-04 (-0.07, 0.	0.021	0.038	0.573	0.02 (-0.05, 0.10)
10627_87	APLP2	APLP2	226	-0.001	0.019	0.975	-6.05e-04 (-0.04, 0.04	0.991	0.028	-0.012	0.039	0.764	-0.01 (-0.09, 0.07)	0.001	0.742	-0.028	0.034	0.402	-0.03 (-0.09, 0.04)	-0.020	0.042	0.631	-0.02 (-0.10, 0.06)
11493_169	DYNLL2	DYL2	226	0.001	0.017	0.975	5.52e-04 (-0.03, 0.03)	0.991	0.751	-0.025	0.035	0.482	-0.02 (-0.09, 0.04)	0.002	0.408	-0.053	0.028	0.060	-0.05 (-0.11, 2.31e-	-0.060	0.038	0.113	-0.06 (-0.13, 0.01)
12516_13	TEAD4	TEAD4	226	-0.001	0.020	0.976	-5.89e-04 (-0.04, 0.04	0.991	0.311	0.019	0.040	0.629	0.02 (-0.06, 0.10)	-0.001	0.566	-0.018	0.035	0.606	-0.02 (-0.09, 0.05)	-0.010	0.038	0.787	-0.01 (-0.08, 0.06)
13625_19	SSB	LA	226	0.001	0.019	0.977	5.73e-04 (-0.04, 0.04)	0.991	0.855	-0.008	0.039	0.831	-0.01 (-0.09, 0.07)	0.001	0.793	-0.025	0.039	0.518	-0.03 (-0.10, 0.05)	-0.035	0.042	0.401	-0.04 (-0.12, 0.05)
13681_173	CSNK2A2	CSK22	226	-0.001	0.022	0.975	-6.66e-04 (-0.04, 0.04	0.991	0.012	0.010	0.044	0.817	0.01 (-0.08, 0.10)	-0.001	0.777	0.032	0.039	0.415	0.03 (-0.04, 0.11)	0.021	0.041	0.606	0.02 (-0.06, 0.10)
13700_10	ANXA2	annexin II	226	-0.001	0.022	0.976	-6.63e-04 (-0.04, 0.04	0.991	0.002	-0.034	0.044	0.444	-0.03 (-0.12, 0.05)	0.002	0.388	-0.035	0.039	0.371	-0.03 (-0.11, 0.04)	-0.019	0.042	0.648	-0.02 (-0.10, 0.06)
19141_22	DAP	DAP1	226	-0.001	0.020	0.974	-6.41e-04 (-0.04, 0.04	0.991	0.958	0.003	0.039	0.948	2.57e-03 (-0.07, 0.08)	0.000	0.925	-0.024	0.039	0.541	-0.02 (-0.10, 0.05)	-0.012	0.040	0.775	-0.01 (-0.09, 0.07)
19586_89	RAB3C	RAB3C	226	-0.001	0.019	0.973	-6.28e-04 (-0.04, 0.04	0.991	0.914	0.018	0.038	0.628	0.02 (-0.06, 0.09)	-0.001	0.563	-0.011	0.036	0.752	-0.01 (-0.08, 0.06)	0.010	0.037	0.795	0.01 (-0.06, 0.08)
2811_27	ANGPT1	Angiopoieti	226	0.001	0.019	0.976	5.73e-04 (-0.04, 0.04)	0.991	0.065	0.000	0.041	1.000	1.29e-05 (-0.08, 0.08)	0.000	0.987	0.024	0.038	0.525	0.02 (-0.05, 0.10)	0.037	0.039	0.345	0.04 (-0.04, 0.11)
3332_57	HFE2	RGM-C	226	0.001	0.021	0.976	6.50e-04 (-0.04, 0.04)	0.991	0.015	-0.022	0.043	0.620	-0.02 (-0.11, 0.06)	0.001	0.556	-0.013	0.040	0.750	-0.01 (-0.09, 0.07)	-0.027	0.040	0.497	-0.03 (-0.11, 0.05)
3397_7	PTPN11	SHP-2	226	-0.001	0.019	0.976	-5.83e-04 (-0.04, 0.04	0.991	0.083	0.015	0.041	0.717	0.01 (-0.07, 0.10)	-0.001	0.664	0.015	0.040	0.698	0.02 (-0.06, 0.09)	0.021	0.038	0.588	0.02 (-0.05, 0.10)
3473_78	MPL	Thrombopo	226	0.001	0.018	0.973	6.14e-04 (-0.04, 0.04)	0.991	0.099	-0.007	0.039	0.864	-0.01 (-0.08, 0.07)	0.000	0.830	-0.054	0.033	0.099	-0.05 (-0.12, 0.01)	-0.059	0.042	0.158	-0.06 (-0.14, 0.02)
4374_45	GDF15	MIC-1	226	-0.001	0.019	0.976	-5.83e-04 (-0.04, 0.04	0.991	0.020	-0.007	0.039	0.866	-0.01 (-0.08, 0.07)	0.000	0.859	0.005	0.034	0.878	0.01 (-0.06, 0.07)	-0.017	0.038	0.643	-0.02 (-0.09, 0.06)
5227_60	PDK1	PDK1	226	0.001	0.018	0.974	6.07e-04 (-0.04, 0.04)	0.991	0.249	-0.017	0.038	0.653	-0.02 (-0.09, 0.06)	0.001	0.592	-0.045	0.037	0.218	-0.05 (-0.12, 0.03)	-0.037	0.041	0.370	-0.04 (-0.12, 0.04)
5480_49	CCL5	RANTES	226	0.001	0.020	0.976	5.97e-04 (-0.04, 0.04)	0.991	0.005	0.000	0.041	0.998	-9.08e-05 (-0.08, 0.08)	0.000	0.984	-0.014	0.036	0.692	-0.01 (-0.08, 0.06)	-0.001	0.037	0.989	-5.08e-04 (-0.07, 0.07)
5593_11	PDIA5	PDIA5	226	-0.001	0.019	0.976	-5.82e-04 (-0.04, 0.04	0.991	0.601	0.041	0.038	0.287	0.04 (-0.03, 0.12)	-0.003	0.214	0.025	0.037	0.512	0.02 (-0.05, 0.10)	0.048	0.039	0.220	0.05 (-0.03, 0.12)
6352_8	INSRR	INSRR	226	-0.001	0.019	0.976	-5.82e-04 (-0.04, 0.04	0.991	0.506	0.009	0.039	0.816	0.01 (-0.07, 0.09)	-0.001	0.775	0.019	0.030	0.518	0.02 (-0.04, 0.08)	0.029	0.039	0.464	0.03 (-0.05, 0.11)
7806_33	B4GALT7	B4GT7	226	-0.001	0.021	0.976	-6.12e-04 (-0.04, 0.04	0.991	0.009	-0.025	0.042	0.548	-0.03 (-0.11, 0.06)	0.002	0.499	-0.021	0.036	0.562	-0.02 (-0.09, 0.05)	-0.026	0.041	0.530	-0.03 (-0.11, 0.05)
8307_47	C11orf68	CK068	226	-0.001	0.018	0.977	-5.34e-04 (-0.04, 0.04	0.991	0.434	-0.009	0.037	0.813	-0.01 (-0.08, 0.06)	0.001	0.798	-0.025	0.032	0.439	-0.02 (-0.09, 0.04)	-0.029	0.039	0.454	-0.03 (-0.10, 0.05)
9110_2	SYT17	SYT17	226	-0.001	0.018	0.975	-5.58e-04 (-0.04, 0.03	0.991	0.266	-0.018	0.037	0.626	-0.02 (-0.09, 0.06)	0.001	0.586	-0.031	0.031	0.313	-0.03 (-0.09, 0.03)	-0.040	0.037	0.278	-0.04 (-0.11, 0.03)
12425_104	ARF6	ARF6	226	-0.001	0.019	0.977	-5.44e-04 (-0.04, 0.04	0.991	0.403	0.015	0.039	0.692	0.02 (-0.06, 0.09)	-0.001	0.637	-0.011	0.038	0.762	-0.01 (-0.09, 0.06)	-0.016	0.040	0.690	-0.02 (-0.09, 0.06)
17791_25	HPCAL1	HPCL1	226	0.001	0.019	0.977	5.31e-04 (-0.04, 0.04)	0.991	0.424	0.021	0.038	0.580	0.02 (-0.05, 0.10)	-0.001	0.535	0.027	0.036	0.464	0.03 (-0.04, 0.10)	0.011	0.038	0.781	0.01 (-0.06, 0.09)
19236_24	SUB1	TCP4	226	-0.001	0.020	0.978	-5.60e-04 (-0.04, 0.04	0.991	0.024	-0.036	0.040	0.371	-0.04 (-0.12, 0.04)	0.002	0.311	0.000	0.038	0.995	2.31e-04 (-0.07, 0.0	-0.019	0.039	0.625	-0.02 (-0.10, 0.06)
9869_28	NFKB1	NF-kappa-	226	-0.001	0.018	0.978	-5.13e-04 (-0.04, 0.04	0.991	0.363	-0.011	0.038	0.775	-0.01 (-0.08, 0.06)	0.001	0.753	-0.035	0.032	0.279	-0.03 (-0.10, 0.03)	-0.028	0.038	0.471	-0.03 (-0.10, 0.05)
9997_12	UBXN4	UBXN4	226	-0.001	0.018	0.978	-5.18e-04 (-0.04, 0.04	0.991	0.560	-0.001	0.037	0.979	-9.89e-04 (-0.07, 0.07)	0.000	0.988	0.007	0.030	0.822	0.01 (-0.05, 0.07)	-0.004	0.038	0.916	-4.05e-03 (-0.08, 0.07)
11174_8	THSD7A	THS7A	226	-0.001	0.019	0.979	-5.01e-04 (-0.04, 0.04	0.991	0.349	-0.074	0.040	0.065	-0.07 (-0.15, 4.06e-03)	0.005	0.035	-0.023	0.032	0.486	-0.02 (-0.09, 0.04)	-0.039	0.046	0.395	-0.04 (-0.13, 0.05)
12460_18	PSMA7	PSA7	226	0.000	0.019	0.980	-4.83e-04 (-0.04, 0.04	0.991	0.196	-0.005	0.040	0.902	-4.88e-03 (-0.08, 0.07)	0.000	0.898	-0.050	0.034	0.138	-0.05 (-0.12, 0.02)	-0.063	0.040	0.120	-0.06 (-0.14, 0.02)
16621_77	APOA1BP	AIBP	226	0.000	0.018	0.979	4.72e-04 (-0.03, 0.03)	0.991	0.597	-0.017	0.035	0.640	-0.02 (-0.09, 0.05)	0.001	0.579	-0.027	0.038	0.478	-0.03 (-0.10, 0.05)	-0.037	0.038	0.324	-0.04 (-0.11, 0.04)
18926_7	PSMA3	PSA3	226	0.001	0.019	0.978	5.25e-04 (-0.04, 0.04)	0.991	0.132	0.020	0.041	0.620	0.02 (-0.06, 0.10)	-0.001	0.578	0.002	0.040	0.966	1.72e-03 (-0.08, 0.0	-0.001	0.043	0.975	-1.35e-03 (-0.09, 0.08)
18935_14	TLR5	TLR5	226	0.001	0.021	0.980	5.29e-04 (-0.04, 0.04)	0.991	0.001	-0.006	0.042	0.893	-0.01 (-0.09, 0.08)	0.000	0.865	0.011	0.036	0.754	0.01 (-0.06, 0.08)	-0.008	0.037	0.833	-0.01 (-0.08, 0.06)
19143_38	CYB5R2	NB5R2	226	0.000	0.019	0.980	-4.87e-04 (-0.04, 0.04	0.991	0.154	-0.042	0.040	0.299	-0.04 (-0.12, 0.04)	0.003	0.237	-0.038	0.032	0.233	-0.04 (-0.10, 0.02)	-0.056	0.037	0.137	-0.06 (-0.13, 0.02)
6461_54	APOC3	Apo C-III	226	-0.001	0.027	0.979	-7.00e-04 (-0.05, 0.05	0.991	4.02E-16	0.011	0.055	0.835	0.01 (-0.10, 0.12)	-0.001	0.799	0.067	0.036	0.060	0.07 (-2.90e-03, 0.1	0.078	0.036	0.032	0.08 (0.01, 0.15)
6941_11	SUMF1	SUMF1	226	0.001	0.021	0.980	5.32e-04 (-0.04, 0.04)	0.991	0.029	0.007	0.042	0.864	0.01 (-0.08, 0.09)	0.000	0.856	0.010	0.042	0.817	0.01 (-0.07, 0.09)	0.014	0.042	0.745	0.01 (-0.07, 0.10)
9855_10	RHOA	Rho A	226	0.000	0.018	0.979	-4.71e-04 (-0.04, 0.03	0.991	0.397	-0.017	0.036	0.640	-0.02 (-0.09, 0.05)	0.001	0.601	-0.051	0.029	0.076	-0.05 (-0.11, 0.01)	-0.059	0.040	0.135	-0.06 (-0.14, 0.02)
6324_11	DNASE1L2	DNSL2	226	-0.001	0.021	0.980	-5.16e-04 (-0.04, 0.04	0.991	0.010	0.008	0.042	0.844	0.01 (-0.07, 0.09)	-0.001	0.809	0.025	0.034	0.465	0.03 (-0.04, 0.09)	0.005	0.043	0.913	4.70e-03 (-0.08, 0.09)
12605_1	EXOSC3	Exosome c	226	0.000	0.020	0.981	-4.63e-04 (-0.04, 0.04	0.991	0.154	0.013	0.041	0.761	0.01 (-0.07, 0.09)	-0.001	0.716	-0.009	0.041	0.833	-0.01 (-0.09, 0.07)	-0.016	0.041	0.702	-0.02 (-0.10, 0.06)
15636_49	SORCS1	SORC1	226	0.000	0.019	0.981	-4.45e-04 (-0.04, 0.04	0.991	0.112	0.074	0.040	0.066	0.07 (-4.56e-03, 0.15)	-0.005	0.034	0.054	0.036	0.129	0.05 (-0.02, 0.12)	0.061	0.040	0.122	0.06 (-0.02, 0.14)
4217_49	HSD17B10	ERAB	226	0.000	0.018	0.982	4.09e-04 (-0.03, 0.04)	0.991	0.527	-0.009	0.036	0.792	-0.01 (-0.08, 0.06)	0.001	0.752	-0.037	0.030	0.214	-0.04 (-0.10, 0.02)	-0.048	0.039	0.215	-0.05 (-0.12, 0.03)
4931_59	F3	TF	226	0.000	0.019	0.981	-4.58e-04 (-0.04, 0.04	0.991	0.819	0.023	0.038	0.558	0.02 (-0.05, 0.10)	-0.001	0.491	-0.015	0.039	0.696	-0.02 (-0.09, 0.06)	0.010	0.046	0.830	0.01 (-0.08, 0.10)
6404_20	C1QL1	C1QRF	226	0.000	0.018	0.981	-4.25e-04 (-0.04, 0.03	0.991	0.462	0.041	0.036	0.248	0.04 (-0.03, 0.11)	-0.003	0.179	0.059	0.031	0.056	0.06 (-1.52e-03, 0.1	0.048	0.036	0.182	0.05 (-0.02, 0.12)
6570_1	COL13A1	CODA1	226	0.000	0.019	0.981	4.38e-04 (-0.04, 0.04)	0.991	0.177	0.046	0.039	0.234	0.05 (-0.03, 0.12)	-0.003	0.175	0.050	0.033	0.127	0.05 (-0.01, 0.11)	0.050	0.041	0.229	0.05 (-0.03, 0.13)
9050_170	RSRP1	CA063	226	0.000	0.019	0.981	-4.51e-04 (-0.04, 0.04	0.991	0.491	-0.009	0.039	0.812	-0.01 (-0.09, 0.07)	0.001	0.794	-0.040	0.036	0.263	-0.04 (-0.11, 0.03)	-0.034	0.043	0.431	-0.03 (-0.12, 0.05)
3396_54	REN	Renin	226	0.000	0.019	0.982	-4.28e-04 (-0.04, 0.04	0.991	0.108	0.038	0.040	0.348	0.04 (-0.04, 0.12)	-0.002	0.275	0.005	0.029	0.857	0.01 (-0.05, 0.06)	0.030	0.044	0.489	0.03 (-0.06, 0.12)
16297_14	ROBO4	ROBO4	226	0.000	0.019	0.982	-4.30e-04 (-0.04, 0.04	0.991	0.057	0.040	0.042	0.346	0.04 (-0.04, 0.12)	-0.002	0.273	0.016	0.039	0.681	0.02 (-0.06, 0.09)	0.031	0.037	0.403	0.03 (-0.04, 0.10)
16857_2	RAB2A	RAB2A	226	0.000	0.018	0.982	4.11e-04 (-0.04, 0.04)	0.991	0.274	-0.001	0.038	0.979	-9.77e-04 (-0.08, 0.07)	0.000	0.966	-0.012	0.035	0.742	-0.01 (-0.08, 0.06)	-0.008	0.041	0.836	-0.01 (-0.09, 0.07)
16892_23	ENPP2	ENPP2	226	0.000	0.018	0.983	-3.68e-04 (-0.03, 0.03	0.992	0.045	0.028	0.036	0.437	0.03 (-0.04, 0.10)	-0.002	0.365	0.038	0.029	0.185	0.04 (-0.02, 0.09)	0.029	0.035	0.402	0.03 (-0.04, 0.10)
5095_21	KIR2DL4	KI2L4	226	0.000	0.019	0.983	-3.93e-04 (-0.04, 0.04	0.992	0.129	-0.025	0.040	0.529	-0.03 (-0.10, 0.05)	0.002	0.476	-0.040	0.035	0.250	-0.04 (-0.11, 0.03)	-0.037	0.035	0.290	-0.04 (-0.11, 0.03)
5852_6	S100A12	S100A12	226	0.000	0.019	0.984	3.87e-04 (-0.04, 0.04)	0.992	0.438	-0.025	0.039	0.521	-0.02 (-0.10, 0.05)	0.002	0.452	0.008	0.038	0.837	0.01 (-0.07, 0.08)	0.001	0.038	0.977	1.11e-03 (-0.07, 0.08)
6545_58	PRNP	PRIO	226	0.000	0.019	0.984	3.86e-04 (-0.04, 0.04)	0.992	0.325	-0.053	0.039	0.170	-0.05 (-0.13, 0.02)	0.003	0.111	-0.010	0.039	0.794	-0.01 (-0.09, 0.07)	-0.024	0.037	0.514	-0.02 (-0.10, 0.05)
3175_51	ADAMTS13	ATS13	226	0.000	0.025	0.985	4.70e-04 (-0.05, 0.05)	0.993	5.78E-11	0.006	0.050	0.907	0.01 (-0.09, 0.10)	0.000	0.901	-0.023	0.040	0.566	-0.02 (-0.10, 0.05)	-0.033	0.040	0.408	-0.03 (-0.11, 0.04)
10624_45	SPINK13	ISK13	226	0.000	0.019	0.986	3.34e-04 (-0.04, 0.04)	0.994	0.114	-0.007	0.042	0.870	-0.01 (-0.09, 0.07)	0.000	0.844	0.005	0.040	0.907	4.68e-03 (-0.07, 0.0	0.004	0.040	0.919	4.11e-03 (-0.07, 0.08)
19194_9	DTD1	Histidyl-tRN	226	0.000	0.019	0.987	3.08e-04 (-0.04, 0.04)	0.994	0.704	-0.003	0.038	0.937	-2.98e-03 (-0.08, 0.07)	0.000	0.920	-0.029	0.033	0.384	-0.03 (-0.09, 0.04)	-0.034	0.035	0.344	-0.03 (-0.10, 0.04)
4464_10	SIGLEC1	Sialoadhes	226	0.000	0.019	0.988	2.98e-04 (-0.04, 0.04)	0.995	0.167	-0.021	0.040	0.604	-0.02 (-0.10, 0.06)	0.001	0.544	-0.031	0.036	0.384	-0.03 (-0.10, 0.04)	-0.009	0.037	0.810	-0.01 (-0.08, 0.06)
18210_12	SPIN1	SPIN1	226	0.000	0.019	0.989	-2.70e-04 (-0.04, 0.04	0.995	0.660	-0.036	0.039	0.349	-0.04 (-0.11, 0.04)	0.002	0.284	0.013	0.034	0.694	0.01 (-0.05, 0.08)	0.004	0.040	0.929	3.53e-03 (-0.07, 0.08)
19225_11	BLNK	BLNK	226	0.000	0.019	0.989	2.76e-04 (-0.04, 0.04)	0.995	0.838	-0.001	0.039	0.979	-1.02e-03 (-0.08, 0.08)	0.000	0.969	0.000	0.038	0.999	-4.93e-05 (-0.07, 0.	0.020	0.037	0.585	0.02 (-0.05, 0.09)
3893_64	MSLN	Mesothelin	226	0.000	0.019	0.989	2.74e-04 (-0.04, 0.04)	0.995	0.387	-0.024	0.039	0.541	-0.02 (-0.10, 0.05)	0.001	0.477	-0.031	0.032	0.330	-0.03 (-0.09, 0.03)	-0.079	0.050	0.117	-0.08 (-0.18, 0.02)
5062_60	CD226	CD226	226	0.000	0.018	0.988	-2.73e-04 (-0.04, 0.04	0.995	0.080	-0.004	0.040	0.920	-3.98e-03 (-0.08, 0.07)	0.000	0.914	-0.026	0.034	0.440	-0.03 (-0.09, 0.04)	-0.026	0.038	0.502	-0.03 (-0.10, 0.05)
9081_39	SLC30A3	ZNT3	226	0.000	0.019	0.989	-2.69e-04 (-0.04, 0.04	0.995	0.108	-0.015	0.041	0.705	-0.02 (-0.09, 0.06)	0.001	0.668	0.020	0.035	0.555	0.02 (-0.05, 0.09)	0.000	0.044	0.998	-1.33e-04 (-0.09, 0.09)
2860_19	KPNA2	Karyopheri	226	0.000	0.023	0.989	3.11e-04 (-0.04, 0.05)	0.995	3.20E-07	0.013	0.046	0.777	0.01 (-0.08, 0.10)	-0.001	0.750	-0.024	0.040	0.540	-0.02 (-0.10, 0.05)	-0.026	0.037	0.485	-0.03 (-0.10, 0.05)
2632_5	IL12RB1	IL-12 Rb1	226	0.000	0.022	0.990	-2.85e-04 (-0.04, 0.04	0.996	0.004	-0.040	0.044	0.362	-0.04 (-0.13, 0.05)	0.002	0.297	-0.040	0.040	0.318	-0.04 (-0.12, 0.04)	-0.060	0.042	0.152	-0.06 (-0.14, 0.02)
10551_7	LAT	LAT	226	0.000	0.021	0.991	2.44e-04 (-0.04, 0.04)	0.996	0.027	-0.054	0.043	0.209	-0.05 (-0.14, 0.03)	0.003	0.147	-0.048	0.037	0.187	-0.05 (-0.12, 0.02)	-0.045	0.044	0.305	-0.05 (-0.13, 0.04)
2967_8	VCAM1	VCAM-1	226	0.000	0.021	0.991	2.49e-04 (-0.04, 0.04)	0.996	0.022	-0.019	0.043	0.657	-0.02 (-0.10, 0.06)	0.001	0.605	-0.023	0.040	0.566	-0.02 (-0.10, 0.05)	-0.035	0.041	0.394	-0.04 (-0.12, 0.05)
3401_8	PTPN2	TCPTP	226	0.000	0.019	0.991	2.22e-04 (-0.04, 0.04)	0.996	0.322	-0.009	0.040	0.821	-0.01 (-0.09, 0.07)	0.001	0.789	-0.008	0.039	0.838	-0.01 (-0.09, 0.07)	-0.001	0.039	0.984	-7.74e-04 (-0.08, 0.08)
7898_29	MDM1	MDM1	226	0.000	0.019	0.991	-2.14e-04 (-0.04, 0.04	0.996	0.889	-0.020	0.039	0.602	-0.02 (-0.10, 0.06)	0.001	0.553	-0.053	0.032	0.095	-0.05 (-0.12, 0.01)	-0.056	0.043	0.201	-0.06 (-0.14, 0.03)
10499_1	TMEM106A	T106A	226	0.000	0.019	0.992	-1.94e-04 (-0.04, 0.04	0.997	0.080	-0.015	0.040	0.710	-0.02 (-0.09, 0.06)	0.001	0.672	-0.009	0.039	0.820	-0.01 (-0.08, 0.07)	0.003	0.039	0.939	2.98e-03 (-0.07, 0.08)
18894_1	GPX2	GPX2	226	0.000	0.020	0.993	1.83e-04 (-0.04, 0.04)	0.997	0.846	-0.003	0.040	0.937	-3.13e-03 (-0.08, 0.07)	0.000	0.923	-0.017	0.035	0.622	-0.02 (-0.09, 0.05)	-0.012	0.042	0.771	-0.01 (-0.10, 0.07)
15448_47	SQSTM1	SQSTM	226	0.000	0.020	0.993	1.67e-04 (-0.04, 0.04)	0.997	0.399	-0.014	0.040	0.722	-0.01 (-0.09, 0.06)	0.001	0.679	0.012	0.038	0.759	0.01 (-0.06, 0.09)	0.013	0.043	0.769	0.01 (-0.07, 0.10)
2617_56	ERBB3	ERBB3	226	0.000	0.018	0.993	1.54e-04 (-0.04, 0.04)	0.997	0.254	0.061	0.037	0.100	0.06 (-0.01, 0.13)	-0.004	0.059	0.024	0.040	0.547	0.02 (-0.05, 0.10)	0.011	0.044	0.793	0.01 (-0.07, 0.10)
8659_68	G6B	G6B	226	0.000	0.019	0.993	-1.64e-04 (-0.04, 0.04	0.997	0.125	-0.035	0.041	0.401	-0.03 (-0.12, 0.05)	0.002	0.336	-0.031	0.037	0.401	-0.03 (-0.10, 0.04)	-0.026	0.043	0.552	-0.03 (-0.11, 0.06)
10563_13	LYSMD3	LYSM3	226	0.000	0.020	0.994	1.56e-04 (-0.04, 0.04)	0.998	0.187	-0.006	0.041	0.879	-0.01 (-0.09, 0.07)	0.000	0.857	0.009	0.040	0.824	0.01 (-0.07, 0.09)	0.008	0.043	0.852	0.01 (-0.08, 0.09)
6402_8	PILRA	PILRA isof	226	0.000	0.020	0.994	1.54e-04 (-0.04, 0.04)	0.998	0.860	-0.040	0.039	0.305	-0.04 (-0.12, 0.04)	0.003	0.236	0.005	0.040	0.907	4.65e-03 (-0.07, 0.0	0.014	0.041	0.733	0.01 (-0.07, 0.09)
12455_48	MYNN	MYNN	226	0.000	0.019	0.995	1.25e-04 (-0.04, 0.04)	0.998	0.138	-0.037	0.041	0.367	-0.04 (-0.12, 0.04)	0.002	0.297	0.029	0.035	0.402	0.03 (-0.04, 0.10)	0.032	0.041	0.442	0.03 (-0.05, 0.11)
12669_30	HECW1	HECW1	226	0.000	0.020	0.995	-1.25e-04 (-0.04, 0.04	0.998	0.606	-0.023	0.039	0.560	-0.02 (-0.10, 0.05)	0.001	0.505	0.036	0.037	0.326	0.04 (-0.04, 0.11)	0.016	0.039	0.682	0.02 (-0.06, 0.09)
15471_29	PNLIPRP2	LIPR2	226	0.000	0.022	0.995	1.39e-04 (-0.04, 0.04)	0.998	0.002	0.096	0.044	0.031	0.10 (0.01, 0.18)	-0.006	0.013	0.028	0.037	0.443	0.03 (-0.04, 0.10)	0.024	0.039	0.541	0.02 (-0.05, 0.10)
17675_17	ACOT13	ACO13	226	0.000	0.018	0.995	1.21e-04 (-0.04, 0.04)	0.998	0.640	-0.015	0.037	0.693	-0.01 (-0.09, 0.06)	0.001	0.647	-0.014	0.030	0.645	-0.01 (-0.07, 0.05)	-0.044	0.035	0.210	-0.04 (-0.11, 0.02)
10956_82	GCSH	GCSH	226	0.000	0.020	0.996	1.07e-04 (-0.04, 0.04)	0.998	0.708	0.015	0.039	0.708	0.01 (-0.06, 0.09)	-0.001	0.668	-0.033	0.038	0.386	-0.03 (-0.11, 0.04)	-0.024	0.044	0.575	-0.02 (-0.11, 0.06)
5628_21	SEMA3G	SEM3G	226	0.000	0.023	0.996	-1.28e-04 (-0.04, 0.04	0.998	1.20E-04	0.037	0.046	0.424	0.04 (-0.05, 0.13)	-0.002	0.355	-0.004	0.042	0.923	-4.00e-03 (-0.09, 0.	0.014	0.044	0.753	0.01 (-0.07, 0.10)
10816_150	PILRA	PILRA isof	226	0.000	0.020	0.996	1.01e-04 (-0.04, 0.04)	0.998	0.779	-0.046	0.039	0.247	-0.05 (-0.12, 0.03)	0.003	0.181	-0.002	0.039	0.954	-2.26e-03 (-0.08, 0.	-0.019	0.040	0.630	-0.02 (-0.10, 0.06)
11989_35	EMC1	EMC1	226	0.000	0.019	0.997	-6.75e-05 (-0.04, 0.04	0.999	0.446	0.069	0.039	0.078	0.07 (-0.01, 0.14)	-0.004	0.042	-0.007	0.031	0.827	-0.01 (-0.07, 0.05)	-0.020	0.048	0.678	-0.02 (-0.11, 0.07)
13604_27	NEURL1	NEUL1	226	0.000	0.019	0.997	-6.13e-05 (-0.04, 0.04	0.999	0.075	-0.007	0.041	0.862	-0.01 (-0.09, 0.07)	0.000	0.842	0.031	0.033	0.349	0.03 (-0.03, 0.10)	0.020	0.043	0.645	0.02 (-0.06, 0.10)
18216_22	IL11RA	IL-11 RA	226	0.000	0.021	0.997	6.73e-05 (-0.04, 0.04)	0.999	0.003	0.065	0.042	0.130	0.06 (-0.02, 0.15)	-0.004	0.082	0.042	0.036	0.251	0.04 (-0.03, 0.11)	0.027	0.044	0.535	0.03 (-0.06, 0.11)
4910_21	PLA2G1B	GIB	226	0.000	0.023	0.997	7.45e-05 (-0.05, 0.05)	0.999	2.04E-05	0.106	0.046	0.022	0.11 (0.02, 0.20)	-0.007	0.009	0.033	0.035	0.347	0.03 (-0.04, 0.10)	0.023	0.039	0.556	0.02 (-0.05, 0.10)
6350_43	APOC2	Apo C-II	226	0.000	0.019	0.997	-8.22e-05 (-0.04, 0.04	0.999	0.449	0.028	0.039	0.477	0.03 (-0.05, 0.11)	-0.002	0.412	0.065	0.034	0.053	0.07 (-8.24e-04, 0.1	0.058	0.042	0.166	0.06 (-0.02, 0.14)
9952_57	TFAM	TFAM	226	0.000	0.018	0.997	-7.09e-05 (-0.04, 0.04	0.999	0.226	0.011	0.038	0.781	0.01 (-0.06, 0.08)	-0.001	0.747	0.015	0.029	0.610	0.02 (-0.04, 0.07)	-0.014	0.040	0.716	-0.01 (-0.09, 0.06)
12764_3	ELMO1	ELMO1	226	0.000	0.019	0.998	-4.12e-05 (-0.04, 0.04	0.999	0.159	0.027	0.041	0.516	0.03 (-0.05, 0.11)	-0.002	0.454	-0.026	0.036	0.477	-0.03 (-0.10, 0.05)	-0.007	0.042	0.872	-0.01 (-0.09, 0.07)
15314_49	CLIC4	CLIC4	226	0.000	0.018	0.998	-3.94e-05 (-0.03, 0.03	0.999	0.454	-0.024	0.036	0.508	-0.02 (-0.09, 0.05)	0.001	0.447	-0.046	0.031	0.134	-0.05 (-0.11, 0.01)	-0.071	0.038	0.063	-0.07 (-0.15, 3.47e-03)
12445_50	ANKRD27	ANR27	226	0.000	0.019	0.999	-2.62e-05 (-0.04, 0.04	1.000	0.306	-0.027	0.039	0.494	-0.03 (-0.10, 0.05)	0.002	0.431	0.022	0.034	0.512	0.02 (-0.04, 0.09)	-0.002	0.040	0.967	-1.65e-03 (-0.08, 0.08)
15670_15	C1QL2	C1QL2	226	0.000	0.019	0.999	1.22e-05 (-0.04, 0.04)	1.000	0.170	-0.061	0.040	0.131	-0.06 (-0.14, 0.02)	0.004	0.082	-0.030	0.041	0.464	-0.03 (-0.11, 0.05)	-0.053	0.041	0.199	-0.05 (-0.13, 0.03)
5636_10	MFAP4	MFAP4	226	0.000	0.022	0.999	1.88e-05 (-0.04, 0.04)	1.000	0.001	0.050	0.044	0.258	0.05 (-0.04, 0.14)	-0.003	0.193	0.001	0.038	0.972	1.35e-03 (-0.07, 0.0	0.001	0.042	0.978	1.18e-03 (-0.08, 0.08)
2809_25	ADAMTS4	ADAMTS-4	226	0.000	0.020	1.000	6.97e-06 (-0.04, 0.04)	1.000	0.258	-0.025	0.041	0.544	-0.02 (-0.10, 0.05)	0.002	0.484	-0.045	0.036	0.215	-0.04 (-0.12, 0.03)	-0.040	0.039	0.306	-0.04 (-0.12, 0.04)

FDR, false discovery rate. CI, confidence interval.

Table S6. Association of putative type 2 diabetes-associated proteins in deCODE with gastrointestinal diseases.

Index SNP	SomaLogic	UniProt	Gene	GI outcomes	FDR *	b	se	pval	OR (95% CI)	snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
rs1229984	9834_62	P00325	ADH1B	Cirrhosis	0.003	0.719	0.183	8.96E-05	2.05 (1.43,2.94)	0.001	1.97E-05	TRUE	2.17E-09
rs2602844	8325_37	P08319	ADH4	Cholelithiasis	0.014	0.229	0.067	0.001	1.26 (1.10,1.43)	0.005	1.47E-05	TRUE	6.15E-34
rs35246623	4435_66	Q6UWV6	ENPP7	Cholelithiasis	0.013	0.038	0.011	4.19E-04	1.04 (1.02,1.06)	0.025	1.60E-05	TRUE	2.00E-183
rs10952549	3431_54	P21709	EPHA1	Cholecystitis	0.036	-0.140	0.043	0.001	0.87 (0.80,0.95)	0.025	1.46E-05	TRUE	2.28E-183
rs34356500	15562_24	P08236	GUSB	Nonalcoholic fatty liver disease	0.003	0.654	0.167	8.61E-05	1.92 (1.39,2.67)	0.008	1.98E-05	TRUE	3.42E-56
rs11809759	10462_14	Q9Y5Q6	INSL5	Gastric ulcer	0.020	-0.941	0.261	3.18E-04	0.39 (0.23,0.65)	0.001	1.88E-05	TRUE	9.57E-10
rs2228603	15573_110	O14594	NCAN	Nonalcoholic fatty liver disease	8.58E-17	-1.092	0.124	1.34E-18	0.34 (0.26,0.43)	0.012	9.93E-05	TRUE	1.06E-74
rs2228603	15573_110	O14594	NCAN	Cirrhosis	1.18E-08	-0.625	0.098	1.85E-10	0.54 (0.44,0.65)	0.012	5.21E-05	TRUE	8.60E-79
rs212100	9829_91	Q06520	SULT2A1	Cholelithiasis	8.19E-44	0.683	0.048	1.28E-45	1.98 (1.80,2.18)	0.011	2.62E-04	TRUE	8.04E-61
rs212100	9829_91	Q06520	SULT2A1	Cholecystitis	0.036	0.374	0.111	0.001	1.45 (1.17,1.81)	0.011	1.54E-05	TRUE	6.07E-78
rs35894069	5939_42	O43508	TNFSF12	Diverticular disease	0.018	0.102	0.028	2.78E-04	1.11 (1.05,1.17)	0.025	1.92E-05	TRUE	1.20E-181
rs10403399	3232_28	P13686	ACP5	Chronic gastritis (Atrophic gastritis)	0.192	0.218	0.073	0.003	1.24 (1.08,1.43)	0.018	1.27E-05	TRUE	7.49E-127
rs10403399	3232_28	P13686	ACP5	Cholecystitis	0.666	-0.138	0.084	0.100	0.87 (0.74,1.03)	0.018	3.69E-06	TRUE	3.35E-130
rs10403399	3232_28	P13686	ACP5	Nonalcoholic fatty liver disease	0.795	-0.138	0.112	0.218	0.87 (0.70,1.08)	0.018	1.94E-06	TRUE	1.29E-131
rs10403399	3232_28	P13686	ACP5	Cholelithiasis	0.788	-0.034	0.035	0.341	0.97 (0.90,1.04)	0.018	1.18E-06	TRUE	3.59E-132
rs10403399	3232_28	P13686	ACP5	Gastric ulcer	0.849	-0.054	0.071	0.451	0.95 (0.82,1.09)	0.018	8.20E-07	TRUE	7.07E-132
rs10403399	3232_28	P13686	ACP5	Acute gastritis	0.939	0.149	0.118	0.209	1.16 (0.92,1.46)	0.018	2.25E-06	TRUE	8.70E-131
rs10403399	3232_28	P13686	ACP5	Gastroesophageal reflux disease	0.949	0.015	0.037	0.682	1.02 (0.94,1.09)	0.018	2.26E-07	TRUE	4.93E-133
rs10403399	3232_28	P13686	ACP5	Irritable bowel syndrome	0.993	0.020	0.060	0.732	1.02 (0.91,1.15)	0.018	1.85E-07	TRUE	2.15E-132
rs10403399	3232_28	P13686	ACP5	Diverticular disease	1.000	0.000	0.033	1.000	1.00 (0.94,1.07)	0.018	5.65E-11	TRUE	1.21E-133
rs10403399	3232_28	P13686	ACP5	Cirrhosis	1.000	0.009	0.085	0.920	1.01 (0.85,1.19)	0.018	1.32E-08	TRUE	3.87E-134
rs148804382	3343_1	Q03154	ACY1	Diverticular disease	0.238	0.101	0.045	0.025	1.11 (1.01,1.21)	0.014	7.22E-06	TRUE	6.78E-103
rs148804382	3343_1	Q03154	ACY1	Cholelithiasis	0.582	0.084	0.050	0.091	1.09 (0.99,1.20)	0.014	3.70E-06	TRUE	1.01E-104
rs148804382	3343_1	Q03154	ACY1	Gastroesophageal reflux disease	0.773	0.043	0.052	0.410	1.04 (0.94,1.16)	0.014	9.34E-07	TRUE	3.97E-106
rs148804382	3343_1	Q03154	ACY1	Gastric ulcer	0.967	0.021	0.097	0.829	1.02 (0.85,1.23)	0.014	6.75E-08	TRUE	4.07E-107
rs148804382	3343_1	Q03154	ACY1	Acute gastritis	0.964	0.034	0.164	0.838	1.03 (0.75,1.43)	0.014	5.94E-08	TRUE	3.33E-107
rs148804382	3343_1	Q03154	ACY1	Cirrhosis	1.000	-0.111	0.115	0.338	0.90 (0.71,1.12)	0.014	1.18E-06	TRUE	3.13E-106
rs148804382	3343_1	Q03154	ACY1	Nonalcoholic fatty liver disease	0.981	0.031	0.151	0.839	1.03 (0.77,1.39)	0.014	5.29E-08	TRUE	9.89E-108
rs148804382	3343_1	Q03154	ACY1	Chronic gastritis (Atrophic gastritis)	0.993	0.014	0.116	0.906	1.01 (0.81,1.27)	0.014	1.99E-08	TRUE	1.98E-107
rs148804382	3343_1	Q03154	ACY1	Irritable bowel syndrome	0.993	-0.001	0.082	0.993	1.00 (0.85,1.17)	0.014	1.11E-10	TRUE	3.20E-107
rs148804382	3343_1	Q03154	ACY1	Cholecystitis	0.983	0.024	0.115	0.835	1.02 (0.82,1.28)	0.014	5.97E-08	TRUE	2.16E-107
rs11534419	6379_62	Q86TH1	ADAMTSL2	Gastroesophageal reflux disease	0.773	0.070	0.071	0.323	1.07 (0.93,1.23)	0.005	1.36E-06	TRUE	7.56E-35
rs11534419	6379_62	Q86TH1	ADAMTSL2	Gastric ulcer	0.741	-0.131	0.133	0.324	0.88 (0.68,1.14)	0.005	1.40E-06	TRUE	9.46E-35
rs11534419	6379_62	Q86TH1	ADAMTSL2	Cirrhosis	0.798	-0.242	0.160	0.131	0.79 (0.57,1.07)	0.005	2.91E-06	TRUE	2.06E-34
rs11534419	6379_62	Q86TH1	ADAMTSL2	Cholelithiasis	0.823	-0.041	0.066	0.534	0.96 (0.84,1.09)	0.005	5.15E-07	TRUE	2.22E-35
rs11534419	6379_62	Q86TH1	ADAMTSL2	Chronic gastritis (Atrophic gastritis)	0.843	-0.173	0.135	0.201	0.84 (0.65,1.10)	0.005	2.30E-06	TRUE	1.87E-34
rs11534419	6379_62	Q86TH1	ADAMTSL2	Acute gastritis	0.964	-0.024	0.222	0.913	0.98 (0.63,1.51)	0.005	1.65E-08	TRUE	8.06E-36
rs11534419	6379_62	Q86TH1	ADAMTSL2	Nonalcoholic fatty liver disease	0.981	-0.016	0.210	0.939	0.98 (0.65,1.49)	0.005	7.84E-09	TRUE	5.04E-36
rs11534419	6379_62	Q86TH1	ADAMTSL2	Irritable bowel syndrome	0.993	0.031	0.112	0.779	1.03 (0.83,1.28)	0.005	1.20E-07	TRUE	1.78E-35
rs11534419	6379_62	Q86TH1	ADAMTSL2	Cholecystitis	0.983	0.032	0.157	0.838	1.03 (0.76,1.41)	0.005	5.75E-08	TRUE	9.05E-36
rs11534419	6379_62	Q86TH1	ADAMTSL2	Diverticular disease	1.000	0.031	0.064	0.622	1.03 (0.91,1.17)	0.005	3.60E-07	TRUE	2.49E-35
rs1229984	9834_62	P00325	ADH1B	Nonalcoholic fatty liver disease	0.309	0.524	0.240	0.029	1.69 (1.06,2.70)	0.001	6.12E-06	TRUE	2.21E-10
rs1229984	9834_62	P00325	ADH1B	Cholelithiasis	0.664	-0.112	0.083	0.179	0.89 (0.76,1.05)	0.001	2.33E-06	TRUE	7.06E-11
rs1229984	9834_62	P00325	ADH1B	Gastric ulcer	0.715	0.181	0.153	0.236	1.20 (0.89,1.62)	0.001	2.02E-06	TRUE	6.92E-11
rs1229984	9834_62	P00325	ADH1B	Chronic gastritis (Atrophic gastritis)	0.843	0.320	0.226	0.156	1.38 (0.88,2.14)	0.001	2.84E-06	TRUE	9.34E-11
rs1229984	9834_62	P00325	ADH1B	Gastroesophageal reflux disease	0.959	-0.014	0.083	0.866	0.99 (0.84,1.16)	0.001	3.89E-08	TRUE	1.42E-11
rs1229984	9834_62	P00325	ADH1B	Acute gastritis	0.964	-0.088	0.269	0.744	0.92 (0.54,1.55)	0.001	1.53E-07	TRUE	1.89E-11
rs1229984	9834_62	P00325	ADH1B	Irritable bowel syndrome	0.993	-0.051	0.133	0.704	0.95 (0.73,1.23)	0.001	2.21E-07	TRUE	2.28E-11
rs1229984	9834_62	P00325	ADH1B	Cholecystitis	0.983	0.036	0.185	0.845	1.04 (0.72,1.49)	0.001	5.26E-08	TRUE	1.48E-11
rs1229984	9834_62	P00325	ADH1B	Diverticular disease	1.000	0.000	0.068	0.995	1.00 (0.87,1.14)	0.001	4.38E-11	TRUE	1.18E-11
rs2602844	8325_37	P08319	ADH4	Cholecystitis	0.256	0.364	0.162	0.024	1.44 (1.05,1.98)	0.005	6.99E-06	TRUE	4.95E-35
rs2602844	8325_37	P08319	ADH4	Gastroesophageal reflux disease	0.689	0.085	0.072	0.237	1.09 (0.95,1.25)	0.005	1.92E-06	TRUE	2.71E-36
rs2602844	8325_37	P08319	ADH4	Gastric ulcer	0.708	-0.192	0.136	0.158	0.83 (0.63,1.08)	0.005	2.89E-06	TRUE	6.76E-36
rs2602844	8325_37	P08319	ADH4	Cirrhosis	0.798	-0.249	0.163	0.127	0.78 (0.57,1.07)	0.005	2.97E-06	TRUE	4.67E-36
rs2602844	8325_37	P08319	ADH4	Nonalcoholic fatty liver disease	0.795	-0.256	0.216	0.236	0.77 (0.51,1.18)	0.005	1.82E-06	TRUE	1.96E-36
rs2602844	8325_37	P08319	ADH4	Acute gastritis	0.964	-0.221	0.227	0.329	0.80 (0.51,1.25)	0.005	1.35E-06	TRUE	1.86E-36
rs2602844	8325_37	P08319	ADH4	Chronic gastritis (Atrophic gastritis)	0.993	0.007	0.139	0.963	1.01 (0.77,1.32)	0.005	3.50E-09	TRUE	1.34E-37
rs2602844	8325_37	P08319	ADH4	Irritable bowel syndrome	0.993	-0.050	0.114	0.658	0.95 (0.76,1.19)	0.005	2.96E-07	TRUE	5.90E-37
rs2602844	8325_37	P08319	ADH4	Diverticular disease	1.000	0.007	0.064	0.919	1.01 (0.89,1.14)	0.005	1.32E-08	TRUE	1.65E-37
rs143257534	3554_24	Q15848	ADIPOQ	Cholecystitis	0.171	0.228	0.086	0.008	1.26 (1.06,1.49)	0.020	9.56E-06	TRUE	1.67E-141
rs143257534	3554_24	Q15848	ADIPOQ	Cirrhosis	0.363	0.190	0.087	0.030	1.21 (1.02,1.44)	0.020	6.07E-06	TRUE	3.30E-143
rs143257534	3554_24	Q15848	ADIPOQ	Nonalcoholic fatty liver disease	0.635	0.174	0.115	0.129	1.19 (0.95,1.49)	0.020	2.96E-06	TRUE	1.01E-144
rs143257534	3554_24	Q15848	ADIPOQ	Cholelithiasis	0.788	0.033	0.036	0.357	1.03 (0.96,1.11)	0.020	1.10E-06	TRUE	4.68E-146
rs143257534	3554_24	Q15848	ADIPOQ	Chronic gastritis (Atrophic gastritis)	0.859	0.072	0.076	0.340	1.07 (0.93,1.25)	0.020	1.28E-06	TRUE	2.62E-145
rs143257534	3554_24	Q15848	ADIPOQ	Gastric ulcer	0.849	0.054	0.073	0.454	1.06 (0.92,1.22)	0.020	8.08E-07	TRUE	1.20E-145
rs143257534	3554_24	Q15848	ADIPOQ	Gastroesophageal reflux disease	0.937	0.019	0.039	0.619	1.02 (0.95,1.10)	0.020	3.38E-07	TRUE	1.20E-146
rs143257534	3554_24	Q15848	ADIPOQ	Acute gastritis	0.964	-0.009	0.121	0.940	0.99 (0.78,1.26)	0.020	8.02E-09	TRUE	2.14E-147
rs143257534	3554_24	Q15848	ADIPOQ	Irritable bowel syndrome	0.993	0.044	0.061	0.472	1.04 (0.93,1.18)	0.020	7.97E-07	TRUE	3.33E-145
rs143257534	3554_24	Q15848	ADIPOQ	Diverticular disease	1.000	0.011	0.034	0.744	1.01 (0.95,1.08)	0.020	1.54E-07	TRUE	1.08E-146
rs72858937	4763_31	P43652	AFM	Cirrhosis	0.798	0.125	0.092	0.176	1.13 (0.95,1.36)	0.012	2.35E-06	TRUE	4.08E-90
rs72858937	4763_31	P43652	AFM	Nonalcoholic fatty liver disease	0.795	0.154	0.122	0.205	1.17 (0.92,1.48)	0.012	2.06E-06	TRUE	2.86E-90
rs72858937	4763_31	P43652	AFM	Diverticular disease	0.748	0.040	0.036	0.257	1.04 (0.97,1.12)	0.012	1.85E-06	TRUE	6.36E-90
rs72858937	4763_31	P43652	AFM	Cholelithiasis	0.823	0.024	0.039	0.540	1.02 (0.95,1.11)	0.012	4.86E-07	TRUE	1.95E-91
rs72858937	4763_31	P43652	AFM	Acute gastritis	0.964	0.115	0.130	0.378	1.12 (0.87,1.45)	0.012	1.11E-06	TRUE	1.82E-90
rs72858937	4763_31	P43652	AFM	Cholecystitis	0.942	-0.082	0.091	0.372	0.92 (0.77,1.10)	0.012	1.09E-06	TRUE	1.23E-90
rs72858937	4763_31	P43652	AFM	Gastric ulcer	0.953	0.030	0.077	0.693	1.03 (0.89,1.20)	0.012	2.24E-07	TRUE	2.36E-91
rs72858937	4763_31	P43652	AFM	Gastroesophageal reflux disease	0.959	-0.011	0.041	0.788	0.99 (0.91,1.07)	0.012	9.96E-08	TRUE	7.96E-92
rs72858937	4763_31	P43652	AFM	Chronic gastritis (Atrophic gastritis)	0.993	0.001	0.087	0.993	1.00 (0.84,1.19)	0.012	1.15E-10	TRUE	3.40E-92
rs72858937	4763_31	P43652	AFM	Irritable bowel syndrome	0.993	-0.017	0.065	0.792	0.98 (0.87,1.12)	0.012	1.06E-07	TRUE	2.62E-91
rs4970394	15483_377	O00468	AGRN	Nonalcoholic fatty liver disease	0.160	-0.251	0.097	0.010	0.78 (0.64,0.94)	0.023	8.56E-06	TRUE	9.87E-165
rs4970394	15483_377	O00468	AGRN	Gastroesophageal reflux disease	0.192	0.082	0.033	0.012	1.09 (1.02,1.16)	0.023	8.67E-06	TRUE	3.23E-164
rs4970394	15483_377	O00468	AGRN	Cholelithiasis	0.277	0.063	0.031	0.039	1.07 (1.00,1.13)	0.023	5.49E-06	TRUE	5.88E-166
rs4970394	15483_377	O00468	AGRN	Cholecystitis	0.731	0.090	0.073	0.217	1.09 (0.95,1.26)	0.023	2.09E-06	TRUE	1.67E-167
rs4970394	15483_377	O00468	AGRN	Gastric ulcer	0.720	-0.068	0.062	0.270	0.93 (0.83,1.05)	0.023	1.75E-06	TRUE	2.19E-167
rs4970394	15483_377	O00468	AGRN	Diverticular disease	0.829	-0.028	0.029	0.324	0.97 (0.92,1.03)	0.023	1.38E-06	TRUE	1.02E-167
rs4970394	15483_377	O00468	AGRN	Chronic gastritis (Atrophic gastritis)	0.859	0.044	0.063	0.487	1.04 (0.92,1.18)	0.023	6.81E-07	TRUE	1.19E-168
rs4970394	15483_377	O00468	AGRN	Acute gastritis	0.939	0.128	0.103	0.210	1.14 (0.93,1.39)	0.023	2.23E-06	TRUE	4.22E-167
rs4970394	15483_377	O00468	AGRN	Irritable bowel syndrome	0.993	-0.056	0.051	0.280	0.95 (0.86,1.05)	0.023	1.79E-06	TRUE	7.92E-167
rs4970394	15483_377	O00468	AGRN	Cirrhosis	1.000	-0.021	0.074	0.782	0.98 (0.85,1.13)	0.023	9.80E-08	TRUE	1.59E-170
rs348452	11265_8	P00352	ALDH1A1	Nonalcoholic fatty liver disease	0.488	0.479	0.256	0.061	1.61 (0.98,2.67)	0.003	4.50E-06	TRUE	1.12E-24
rs348452	11265_8	P00352	ALDH1A1	Cholelithiasis	0.664	0.105	0.081	0.194	1.11 (0.95,1.30)	0.003	2.17E-06	TRUE	3.27E-25
rs348452	11265_8	P00352	ALDH1A1	Gastroesophageal reflux disease	0.686	0.104	0.086	0.225	1.11 (0.94,1.31)	0.003	2.00E-06	TRUE	3.36E-25
rs348452	11265_8	P00352	ALDH1A1	Gastric ulcer	0.715	-0.187	0.162	0.248	0.83 (0.60,1.14)	0.003	1.92E-06	TRUE	3.63E-25
rs348452	11265_8	P00352	ALDH1A1	Chronic gastritis (Atrophic gastritis)	0.859	0.159	0.170	0.349	1.17 (0.84,1.64)	0.003	1.25E-06	TRUE	2.05E-25
rs348452	11265_8	P00352	ALDH1A1	Acute gastritis	0.964	0.066	0.271	0.809	1.07 (0.63,1.82)	0.003	8.28E-08	TRUE	4.17E-26
rs348452	11265_8	P00352	ALDH1A1	Cholecystitis	0.942	0.121	0.192	0.530	1.13 (0.77,1.64)	0.003	5.45E-07	TRUE	9.10E-26
rs348452	11265_8	P00352	ALDH1A1	Irritable bowel syndrome	0.993	0.034	0.136	0.804	1.03 (0.79,1.35)	0.003	9.71E-08	TRUE	5.39E-26
rs348452	11265_8	P00352	ALDH1A1	Diverticular disease	1.000	0.039	0.076	0.613	1.04 (0.89,1.21)	0.003	3.75E-07	TRUE	8.09E-26
rs348452	11265_8	P00352	ALDH1A1	Cirrhosis	1.000	-0.004	0.195	0.984	1.00 (0.68,1.46)	0.003	6.24E-10	TRUE	1.89E-26
rs2020854	12370_30	Q13790	APOF	Diverticular disease	0.208	-0.114	0.046	0.013	0.89 (0.82,0.98)	0.013	8.93E-06	TRUE	1.37E-92
rs2020854	12370_30	Q13790	APOF	Cholecystitis	0.666	0.192	0.118	0.104	1.21 (0.96,1.53)	0.013	3.63E-06	TRUE	1.39E-94
rs2020854	12370_30	Q13790	APOF	Gastroesophageal reflux disease	0.773	-0.047	0.052	0.367	0.95 (0.86,1.06)	0.013	1.11E-06	TRUE	5.33E-96
rs2020854	12370_30	Q13790	APOF	Chronic gastritis (Atrophic gastritis)	0.843	-0.141	0.104	0.174	0.87 (0.71,1.06)	0.013	2.62E-06	TRUE	6.22E-95
rs2020854	12370_30	Q13790	APOF	Cholelithiasis	0.846	-0.025	0.049	0.608	0.98 (0.89,1.07)	0.013	3.39E-07	TRUE	4.92E-97
rs2020854	12370_30	Q13790	APOF	Gastric ulcer	0.967	-0.031	0.098	0.750	0.97 (0.80,1.17)	0.013	1.47E-07	TRUE	6.80E-97
rs2020854	12370_30	Q13790	APOF	Acute gastritis	0.964	-0.011	0.164	0.945	0.99 (0.72,1.36)	0.013	6.78E-09	TRUE	1.89E-97
rs2020854	12370_30	Q13790	APOF	Nonalcoholic fatty liver disease	0.981	-0.113	0.154	0.462	0.89 (0.66,1.21)	0.013	6.97E-07	TRUE	1.21E-96
rs2020854	12370_30	Q13790	APOF	Irritable bowel syndrome	0.993	-0.035	0.083	0.670	0.97 (0.82,1.13)	0.013	2.77E-07	TRUE	2.35E-96
rs2020854	12370_30	Q13790	APOF	Cirrhosis	1.000	0.002	0.117	0.985	1.00 (0.80,1.26)	0.013	4.35E-10	TRUE	5.11E-98
rs76034548	15499_11	O75882	ATRN	Cirrhosis	0.363	0.135	0.064	0.034	1.14 (1.01,1.30)	0.025	5.79E-06	TRUE	3.30E-187
rs76034548	15499_11	O75882	ATRN	Cholelithiasis	0.622	0.039	0.026	0.136	1.04 (0.99,1.10)	0.025	2.88E-06	TRUE	8.47E-189
rs76034548	15499_11	O75882	ATRN	Gastric ulcer	0.708	0.076	0.053	0.152	1.08 (0.97,1.20)	0.025	2.95E-06	TRUE	8.14E-188
rs76034548	15499_11	O75882	ATRN	Gastroesophageal reflux disease	0.773	0.022	0.028	0.426	1.02 (0.97,1.08)	0.025	8.69E-07	TRUE	4.14E-190
rs76034548	15499_11	O75882	ATRN	Chronic gastritis (Atrophic gastritis)	0.859	0.051	0.055	0.358	1.05 (0.94,1.17)	0.025	1.19E-06	TRUE	1.80E-189
rs76034548	15499_11	O75882	ATRN	Acute gastritis	0.964	0.096	0.088	0.275	1.10 (0.93,1.31)	0.025	1.70E-06	TRUE	6.84E-189
rs76034548	15499_11	O75882	ATRN	Cholecystitis	0.942	0.044	0.063	0.484	1.05 (0.92,1.18)	0.025	6.71E-07	TRUE	2.29E-190
rs76034548	15499_11	O75882	ATRN	Nonalcoholic fatty liver disease	0.981	0.056	0.084	0.502	1.06 (0.90,1.25)	0.025	5.78E-07	TRUE	4.57E-191
rs76034548	15499_11	O75882	ATRN	Irritable bowel syndrome	0.993	0.034	0.045	0.446	1.03 (0.95,1.13)	0.025	8.93E-07	TRUE	4.92E-189
rs76034548	15499_11	O75882	ATRN	Diverticular disease	1.000	-0.005	0.025	0.827	0.99 (0.95,1.04)	0.025	6.87E-08	TRUE	3.04E-191
rs13100619	15644_1	P43251	BTD	Acute gastritis	0.964	0.004	0.055	0.949	1.00 (0.90,1.12)	0.025	5.78E-09	TRUE	8.84E-192
rs13100619	15644_1	P43251	BTD	Chronic gastritis (Atrophic gastritis)	0.859	0.023	0.035	0.509	1.02 (0.96,1.09)	0.025	6.16E-07	TRUE	3.43E-190
rs13100619	15644_1	P43251	BTD	Cholecystitis	0.983	-0.014	0.039	0.729	0.99 (0.91,1.07)	0.025	1.65E-07	TRUE	2.44E-191
rs13100619	15644_1	P43251	BTD	Cholelithiasis	0.906	-0.006	0.017	0.732	0.99 (0.96,1.03)	0.025	1.51E-07	TRUE	6.97E-192
rs13100619	15644_1	P43251	BTD	Cirrhosis	1.000	0.003	0.040	0.944	1.00 (0.93,1.08)	0.025	6.28E-09	TRUE	1.08E-192
rs13100619	15644_1	P43251	BTD	Diverticular disease	1.000	-0.010	0.016	0.540	0.99 (0.96,1.02)	0.025	5.44E-07	TRUE	4.01E-190
rs13100619	15644_1	P43251	BTD	Gastric ulcer	0.967	-0.004	0.033	0.898	1.00 (0.93,1.06)	0.025	2.38E-08	TRUE	1.72E-191
rs13100619	15644_1	P43251	BTD	Gastroesophageal reflux disease	0.959	0.003	0.018	0.871	1.00 (0.97,1.04)	0.025	3.69E-08	TRUE	7.41E-192
rs13100619	15644_1	P43251	BTD	Irritable bowel syndrome	0.993	-0.019	0.028	0.494	0.98 (0.93,1.04)	0.025	7.16E-07	TRUE	2.89E-189
rs13100619	15644_1	P43251	BTD	Nonalcoholic fatty liver disease	0.795	0.063	0.053	0.234	1.06 (0.96,1.18)	0.025	1.82E-06	TRUE	1.12E-189
rs3859101	15487_164	P23141	CES1	Nonalcoholic fatty liver disease	0.623	0.789	0.487	0.105	2.20 (0.85,5.71)	0.001	3.38E-06	TRUE	2.82E-07
rs3859101	15487_164	P23141	CES1	Cholelithiasis	0.823	0.093	0.151	0.536	1.10 (0.82,1.47)	0.001	4.95E-07	TRUE	9.14E-08
rs3859101	15487_164	P23141	CES1	Gastroesophageal reflux disease	0.949	0.068	0.161	0.673	1.07 (0.78,1.47)	0.001	2.41E-07	TRUE	7.64E-08
rs3859101	15487_164	P23141	CES1	Gastric ulcer	0.967	-0.082	0.307	0.791	0.92 (0.50,1.68)	0.001	1.02E-07	TRUE	6.65E-08
rs3859101	15487_164	P23141	CES1	Acute gastritis	0.964	0.101	0.505	0.841	1.11 (0.41,2.98)	0.001	5.70E-08	TRUE	6.07E-08
rs3859101	15487_164	P23141	CES1	Chronic gastritis (Atrophic gastritis)	0.974	-0.079	0.297	0.791	0.92 (0.52,1.66)	0.001	9.84E-08	TRUE	6.51E-08
rs3859101	15487_164	P23141	CES1	Cirrhosis	1.000	0.279	0.370	0.451	1.32 (0.64,2.73)	0.001	7.27E-07	TRUE	1.06E-07
rs3859101	15487_164	P23141	CES1	Irritable bowel syndrome	0.993	-0.159	0.255	0.535	0.85 (0.52,1.41)	0.001	5.92E-07	TRUE	1.10E-07
rs3859101	15487_164	P23141	CES1	Cholecystitis	0.983	-0.085	0.363	0.815	0.92 (0.45,1.87)	0.001	7.57E-08	TRUE	6.13E-08
rs3859101	15487_164	P23141	CES1	Diverticular disease	1.000	0.010	0.147	0.947	1.01 (0.76,1.35)	0.001	6.95E-09	TRUE	5.21E-08
rs28590506	13460_4	O15335	CHAD	Gastric ulcer	0.803	-0.283	0.313	0.364	0.75 (0.41,1.39)	0.001	1.19E-06	TRUE	3.37E-08
rs28590506	13460_4	O15335	CHAD	Gastroesophageal reflux disease	0.837	0.109	0.165	0.510	1.11 (0.81,1.54)	0.001	6.02E-07	TRUE	2.33E-08
rs28590506	13460_4	O15335	CHAD	Acute gastritis	0.939	-0.876	0.520	0.092	0.42 (0.15,1.16)	0.001	4.02E-06	TRUE	8.61E-08
rs28590506	13460_4	O15335	CHAD	Cholelithiasis	0.918	-0.039	0.155	0.803	0.96 (0.71,1.30)	0.001	8.03E-08	TRUE	1.32E-08
rs28590506	13460_4	O15335	CHAD	Nonalcoholic fatty liver disease	0.981	-0.270	0.493	0.584	0.76 (0.29,2.01)	0.001	3.88E-07	TRUE	1.89E-08
rs28590506	13460_4	O15335	CHAD	Chronic gastritis (Atrophic gastritis)	0.993	0.029	0.324	0.928	1.03 (0.55,1.94)	0.001	1.15E-08	TRUE	1.17E-08
rs28590506	13460_4	O15335	CHAD	Irritable bowel syndrome	0.993	0.078	0.262	0.767	1.08 (0.65,1.81)	0.001	1.33E-07	TRUE	1.65E-08

Table S6. Association of putative type 2 diabetes-associated proteins in deCODE with gastrointestinal diseases.

Index SNP	SomaLogic	UniProt	Gene	GI outcomes	FDR *	b	se	pval	OR (95% CI)	snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
rs28590506	13460_4	O15335	CHAD	Cholecystitis	0.983	0.109	0.369	0.768	1.11 (0.54,2.30)	0.001	1.17E-07	TRUE	1.47E-08
rs28590506	13460_4	O15335	CHAD	Diverticular disease	1.000	0.062	0.148	0.674	1.06 (0.80,1.42)	0.001	2.52E-07	TRUE	1.81E-08
rs28590506	13460_4	O15335	CHAD	Cirrhosis	1.000	0.109	0.375	0.772	1.11 (0.53,2.32)	0.001	1.08E-07	TRUE	1.38E-08
rs1908671	9416_77	P14384	CPM	Cholecystitis	0.256	0.454	0.194	0.020	1.57 (1.08,2.31)	0.004	7.47E-06	TRUE	1.94E-25
rs1908671	9416_77	P14384	CPM	Gastric ulcer	0.708	0.228	0.164	0.164	1.26 (0.91,1.73)	0.004	2.78E-06	TRUE	2.76E-26
rs1908671	9416_77	P14384	CPM	Nonalcoholic fatty liver disease	0.795	0.329	0.259	0.204	1.39 (0.84,2.31)	0.004	2.07E-06	TRUE	1.29E-26
rs1908671	9416_77	P14384	CPM	Cholelithiasis	0.788	0.081	0.082	0.323	1.08 (0.92,1.27)	0.004	1.26E-06	TRUE	7.04E-27
rs1908671	9416_77	P14384	CPM	Diverticular disease	0.813	0.079	0.077	0.305	1.08 (0.93,1.26)	0.004	1.52E-06	TRUE	1.17E-26
rs1908671	9416_77	P14384	CPM	Chronic gastritis (Atrophic gastritis)	0.859	0.136	0.173	0.430	1.15 (0.82,1.61)	0.004	8.77E-07	TRUE	6.13E-27
rs1908671	9416_77	P14384	CPM	Gastroesophageal reflux disease	0.959	0.007	0.087	0.937	1.01 (0.85,1.19)	0.004	7.81E-09	TRUE	1.03E-27
rs1908671	9416_77	P14384	CPM	Acute gastritis	0.964	0.029	0.274	0.917	1.03 (0.60,1.76)	0.004	1.59E-08	TRUE	1.24E-27
rs1908671	9416_77	P14384	CPM	Irritable bowel syndrome	0.924	0.168	0.138	0.225	1.18 (0.90,1.55)	0.004	2.28E-06	TRUE	2.43E-26
rs1908671	9416_77	P14384	CPM	Cirrhosis	1.000	-0.001	0.197	0.996	1.00 (0.68,1.47)	0.004	2.06E-11	TRUE	7.22E-28
rs2645398	8007_19	P07858	CTSB	Cholelithiasis	0.077	-0.090	0.032	0.005	0.91 (0.86,0.97)	0.025	1.00E-05	TRUE	2.34E-185
rs2645398	8007_19	P07858	CTSB	Cirrhosis	0.304	0.185	0.079	0.019	1.20 (1.03,1.41)	0.025	7.04E-06	TRUE	1.25E-186
rs2645398	8007_19	P07858	CTSB	Chronic gastritis (Atrophic gastritis)	0.859	-0.050	0.066	0.444	0.95 (0.84,1.08)	0.025	8.27E-07	TRUE	6.75E-190
rs2645398	8007_19	P07858	CTSB	Acute gastritis	0.964	0.119	0.109	0.273	1.13 (0.91,1.40)	0.025	1.71E-06	TRUE	6.98E-189
rs2645398	8007_19	P07858	CTSB	Nonalcoholic fatty liver disease	0.910	0.102	0.104	0.327	1.11 (0.90,1.36)	0.025	1.23E-06	TRUE	3.08E-190
rs2645398	8007_19	P07858	CTSB	Gastroesophageal reflux disease	0.959	0.006	0.035	0.860	1.01 (0.94,1.08)	0.025	4.42E-08	TRUE	8.18E-192
rs2645398	8007_19	P07858	CTSB	Gastric ulcer	0.967	0.007	0.066	0.912	1.01 (0.88,1.15)	0.025	1.73E-08	TRUE	1.52E-191
rs2645398	8007_19	P07858	CTSB	Irritable bowel syndrome	0.993	0.033	0.055	0.551	1.03 (0.93,1.15)	0.025	5.46E-07	TRUE	1.62E-189
rs2645398	8007_19	P07858	CTSB	Cholecystitis	0.996	-0.003	0.078	0.969	1.00 (0.86,1.16)	0.025	2.15E-09	TRUE	3.43E-192
rs2645398	8007_19	P07858	CTSB	Diverticular disease	1.000	-0.008	0.031	0.792	0.99 (0.93,1.05)	0.025	1.02E-07	TRUE	4.15E-191
rs55861089	5508_62	P07339	CTSD	Gastric ulcer	0.368	0.202	0.085	0.018	1.22 (1.03,1.45)	0.018	8.03E-06	TRUE	1.44E-130
rs55861089	5508_62	P07339	CTSD	Cholelithiasis	0.620	0.067	0.043	0.122	1.07 (0.98,1.16)	0.018	3.07E-06	TRUE	2.47E-133
rs55861089	5508_62	P07339	CTSD	Chronic gastritis (Atrophic gastritis)	0.859	0.069	0.098	0.485	1.07 (0.88,1.30)	0.018	6.90E-07	TRUE	1.27E-134
rs55861089	5508_62	P07339	CTSD	Acute gastritis	0.939	0.246	0.144	0.087	1.28 (0.96,1.69)	0.018	4.17E-06	TRUE	3.48E-132
rs55861089	5508_62	P07339	CTSD	Gastroesophageal reflux disease	0.959	0.010	0.045	0.818	1.01 (0.92,1.10)	0.018	7.19E-08	TRUE	6.29E-136
rs55861089	5508_62	P07339	CTSD	Diverticular disease	0.958	0.029	0.039	0.464	1.03 (0.95,1.11)	0.018	7.66E-07	TRUE	2.07E-134
rs55861089	5508_62	P07339	CTSD	Nonalcoholic fatty liver disease	0.981	0.018	0.133	0.895	1.02 (0.78,1.32)	0.018	2.25E-08	TRUE	1.48E-136
rs55861089	5508_62	P07339	CTSD	Cirrhosis	1.000	0.081	0.101	0.422	1.08 (0.89,1.32)	0.018	8.26E-07	TRUE	4.70E-135
rs55861089	5508_62	P07339	CTSD	Irritable bowel syndrome	0.993	0.006	0.072	0.928	1.01 (0.87,1.16)	0.018	1.29E-08	TRUE	1.73E-135
rs55861089	5508_62	P07339	CTSD	Cholecystitis	0.996	0.006	0.100	0.951	1.01 (0.83,1.23)	0.018	4.91E-09	TRUE	2.58E-136
rs10900074	9278_9	P48061	CXCL12	Cholelithiasis	0.248	0.244	0.113	0.031	1.28 (1.02,1.59)	0.002	5.96E-06	TRUE	1.47E-12
rs1023264	3516_60	P48061	CXCL12	Chronic gastritis (Atrophic gastritis)	0.589	0.267	0.115	0.020	1.31 (1.04,1.63)	0.007	7.67E-06	TRUE	3.86E-48
rs1023264	3516_60	P48061	CXCL12	Gastric ulcer	0.708	0.147	0.110	0.180	1.16 (0.93,1.44)	0.007	2.59E-06	TRUE	1.85E-49
rs10900074	9278_9	P48061	CXCL12	Cholecystitis	0.718	0.362	0.270	0.181	1.44 (0.84,2.44)	0.002	2.45E-06	TRUE	4.86E-13
rs1023264	3516_60	P48061	CXCL12	Gastroesophageal reflux disease	0.757	0.062	0.058	0.284	1.06 (0.95,1.19)	0.007	1.57E-06	TRUE	5.34E-50
rs10900074	9278_9	P48061	CXCL12	Irritable bowel syndrome	0.798	0.314	0.192	0.101	1.37 (0.94,1.99)	0.002	4.14E-06	TRUE	1.06E-12
rs1023264	3516_60	P48061	CXCL12	Cholelithiasis	0.823	0.039	0.055	0.476	1.04 (0.93,1.16)	0.007	6.56E-07	TRUE	1.18E-50
rs10900074	9278_9	P48061	CXCL12	Chronic gastritis (Atrophic gastritis)	0.859	0.179	0.234	0.444	1.20 (0.76,1.89)	0.002	8.33E-07	TRUE	2.07E-13
rs1023264	3516_60	P48061	CXCL12	Acute gastritis	0.939	-0.298	0.184	0.104	0.74 (0.52,1.06)	0.007	3.76E-06	TRUE	4.26E-49
rs1023264	3516_60	P48061	CXCL12	Cholecystitis	0.942	-0.092	0.130	0.478	0.91 (0.71,1.18)	0.007	6.87E-07	TRUE	1.66E-50
rs1023264	3516_60	P48061	CXCL12	Nonalcoholic fatty liver disease	0.931	-0.162	0.173	0.349	0.85 (0.61,1.19)	0.007	1.12E-06	TRUE	2.26E-50
rs10900074	9278_9	P48061	CXCL12	Gastroesophageal reflux disease	0.959	0.014	0.121	0.907	1.01 (0.80,1.29)	0.002	1.73E-08	TRUE	6.71E-14
rs10900074	9278_9	P48061	CXCL12	Acute gastritis	0.964	0.195	0.381	0.608	1.22 (0.58,2.56)	0.002	3.77E-07	TRUE	1.39E-13
rs10900074	9278_9	P48061	CXCL12	Gastric ulcer	0.967	-0.009	0.228	0.967	0.99 (0.63,1.55)	0.002	2.57E-09	TRUE	6.42E-14
rs10900074	9278_9	P48061	CXCL12	Nonalcoholic fatty liver disease	0.981	-0.031	0.360	0.930	0.97 (0.48,1.96)	0.002	9.76E-09	TRUE	5.90E-14
rs1023264	3516_60	P48061	CXCL12	Irritable bowel syndrome	0.993	-0.003	0.092	0.976	1.00 (0.83,1.19)	0.007	1.13E-09	TRUE	3.43E-51
rs1023264	3516_60	P48061	CXCL12	Diverticular disease	1.000	0.016	0.052	0.759	1.02 (0.92,1.12)	0.007	1.42E-07	TRUE	6.17E-51
rs1023264	3516_60	P48061	CXCL12	Cirrhosis	1.000	0.043	0.132	0.745	1.04 (0.81,1.35)	0.007	1.37E-07	TRUE	3.31E-51
rs10900074	9278_9	P48061	CXCL12	Cirrhosis	1.000	-0.121	0.274	0.658	0.89 (0.52,1.51)	0.002	2.50E-07	TRUE	1.03E-13
rs10900074	9278_9	P48061	CXCL12	Diverticular disease	1.000	-0.003	0.107	0.977	1.00 (0.81,1.23)	0.002	8.69E-10	TRUE	6.22E-14
rs12948284	17758_79	Q7Z4W1	DCXR	Gastroesophageal reflux disease	0.544	-0.167	0.086	0.051	0.85 (0.71,1.00)	0.003	5.22E-06	TRUE	2.91E-25
rs12948284	17758_79	Q7Z4W1	DCXR	Gastric ulcer	0.708	0.225	0.162	0.165	1.25 (0.91,1.72)	0.003	2.79E-06	TRUE	1.01E-25
rs12948284	17758_79	Q7Z4W1	DCXR	Cirrhosis	0.798	0.270	0.194	0.164	1.31 (0.90,1.92)	0.003	2.47E-06	TRUE	6.20E-26
rs12948284	17758_79	Q7Z4W1	DCXR	Irritable bowel syndrome	0.798	-0.231	0.135	0.088	0.79 (0.61,1.03)	0.003	4.45E-06	TRUE	2.82E-25
rs12948284	17758_79	Q7Z4W1	DCXR	Cholelithiasis	0.823	0.065	0.080	0.419	1.07 (0.91,1.25)	0.003	8.36E-07	TRUE	1.73E-26
rs12948284	17758_79	Q7Z4W1	DCXR	Chronic gastritis (Atrophic gastritis)	0.887	0.069	0.166	0.677	1.07 (0.77,1.48)	0.003	2.51E-07	TRUE	9.61E-27
rs12948284	17758_79	Q7Z4W1	DCXR	Acute gastritis	0.964	-0.253	0.270	0.348	0.78 (0.46,1.32)	0.003	1.26E-06	TRUE	3.36E-26
rs12948284	17758_79	Q7Z4W1	DCXR	Diverticular disease	0.939	-0.059	0.076	0.434	0.94 (0.81,1.09)	0.003	8.83E-07	TRUE	2.42E-26
rs12948284	17758_79	Q7Z4W1	DCXR	Nonalcoholic fatty liver disease	0.981	0.080	0.256	0.753	1.08 (0.66,1.79)	0.003	1.28E-07	TRUE	5.62E-27
rs12948284	17758_79	Q7Z4W1	DCXR	Cholecystitis	0.996	-0.017	0.192	0.931	0.98 (0.68,1.43)	0.003	1.01E-08	TRUE	4.00E-27
rs78111814	9175_48	O60469	DSCAM	Cholelithiasis	0.620	0.075	0.049	0.126	1.08 (0.98,1.19)	0.010	3.01E-06	TRUE	6.08E-75
rs78111814	9175_48	O60469	DSCAM	Gastric ulcer	0.741	-0.100	0.101	0.323	0.90 (0.74,1.10)	0.010	1.41E-06	TRUE	2.21E-75
rs78111814	9175_48	O60469	DSCAM	Cirrhosis	0.798	-0.160	0.122	0.187	0.85 (0.67,1.08)	0.010	2.23E-06	TRUE	2.49E-75
rs78111814	9175_48	O60469	DSCAM	Chronic gastritis (Atrophic gastritis)	0.859	-0.089	0.096	0.351	0.91 (0.76,1.10)	0.010	1.23E-06	TRUE	1.42E-75
rs78111814	9175_48	O60469	DSCAM	Acute gastritis	0.964	-0.152	0.165	0.357	0.86 (0.62,1.19)	0.010	1.21E-06	TRUE	1.50E-75
rs78111814	9175_48	O60469	DSCAM	Gastroesophageal reflux disease	0.959	0.009	0.053	0.871	1.01 (0.91,1.12)	0.010	3.56E-08	TRUE	4.85E-77
rs78111814	9175_48	O60469	DSCAM	Nonalcoholic fatty liver disease	0.981	-0.014	0.160	0.933	0.99 (0.72,1.35)	0.010	8.96E-09	TRUE	2.12E-77
rs78111814	9175_48	O60469	DSCAM	Irritable bowel syndrome	0.993	0.045	0.084	0.593	1.05 (0.89,1.23)	0.010	4.39E-07	TRUE	6.38E-76
rs78111814	9175_48	O60469	DSCAM	Cholecystitis	0.996	0.004	0.119	0.973	1.00 (0.79,1.27)	0.010	1.45E-09	TRUE	2.92E-77
rs78111814	9175_48	O60469	DSCAM	Diverticular disease	1.000	-0.003	0.049	0.945	1.00 (0.91,1.10)	0.010	6.43E-09	TRUE	5.04E-77
rs2586528	16616_137	P13929	ENO3	Acute gastritis	0.964	-0.053	0.091	0.558	0.95 (0.79,1.13)	0.025	4.87E-07	TRUE	2.59E-190
rs2586528	16616_137	P13929	ENO3	Chronic gastritis (Atrophic gastritis)	0.843	0.069	0.055	0.211	1.07 (0.96,1.19)	0.025	2.20E-06	TRUE	1.50E-188
rs2586528	16616_137	P13929	ENO3	Cholecystitis	0.942	-0.041	0.065	0.527	0.96 (0.84,1.09)	0.025	5.52E-07	TRUE	1.51E-190
rs2586528	16616_137	P13929	ENO3	Cholelithiasis	0.823	-0.021	0.027	0.451	0.98 (0.93,1.03)	0.025	7.28E-07	TRUE	8.77E-191
rs2586528	16616_137	P13929	ENO3	Cirrhosis	1.000	0.008	0.066	0.903	1.01 (0.89,1.15)	0.025	1.91E-08	TRUE	1.49E-192
rs2586528	16616_137	P13929	ENO3	Diverticular disease	0.208	0.065	0.026	0.013	1.07 (1.01,1.12)	0.025	8.85E-06	TRUE	6.75E-185
rs2586528	16616_137	P13929	ENO3	Gastric ulcer	0.967	0.006	0.055	0.908	1.01 (0.90,1.12)	0.025	1.85E-08	TRUE	1.56E-191
rs2586528	16616_137	P13929	ENO3	Gastroesophageal reflux disease	0.959	0.008	0.029	0.779	1.01 (0.95,1.07)	0.025	1.07E-07	TRUE	1.54E-191
rs2586528	16616_137	P13929	ENO3	Irritable bowel syndrome	0.993	0.007	0.046	0.872	1.01 (0.92,1.10)	0.025	4.12E-08	TRUE	8.94E-191
rs2586528	16616_137	P13929	ENO3	Nonalcoholic fatty liver disease	0.878	0.090	0.087	0.302	1.09 (0.92,1.30)	0.025	1.37E-06	TRUE	4.27E-190
rs35246623	4435_66	Q6UWV6	ENPP7	Diverticular disease	0.320	-0.021	0.010	0.047	0.98 (0.96,1.00)	0.025	5.71E-06	TRUE	2.95E-186
rs35246623	4435_66	Q6UWV6	ENPP7	Gastric ulcer	0.708	0.038	0.022	0.082	1.04 (1.00,1.08)	0.025	4.35E-06	TRUE	5.89E-187
rs35246623	4435_66	Q6UWV6	ENPP7	Cholecystitis	0.823	0.028	0.026	0.283	1.03 (0.98,1.08)	0.025	1.58E-06	TRUE	2.47E-189
rs35246623	4435_66	Q6UWV6	ENPP7	Chronic gastritis (Atrophic gastritis)	0.859	-0.020	0.022	0.356	0.98 (0.94,1.02)	0.025	1.20E-06	TRUE	1.86E-189
rs35246623	4435_66	Q6UWV6	ENPP7	Gastroesophageal reflux disease	0.959	0.004	0.012	0.747	1.00 (0.98,1.03)	0.025	1.46E-07	TRUE	2.08E-191
rs35246623	4435_66	Q6UWV6	ENPP7	Acute gastritis	0.964	0.015	0.036	0.685	1.01 (0.95,1.09)	0.025	2.35E-07	TRUE	8.15E-191
rs35246623	4435_66	Q6UWV6	ENPP7	Nonalcoholic fatty liver disease	0.981	-0.018	0.034	0.605	0.98 (0.92,1.05)	0.025	3.44E-07	TRUE	1.77E-191
rs35246623	4435_66	Q6UWV6	ENPP7	Irritable bowel syndrome	0.993	0.002	0.018	0.911	1.00 (0.97,1.04)	0.025	1.87E-08	TRUE	6.25E-191
rs35246623	4435_66	Q6UWV6	ENPP7	Cirrhosis	1.000	-0.002	0.026	0.927	1.00 (0.95,1.05)	0.025	1.04E-08	TRUE	1.22E-192
rs10952549	3431_54	P21709	EPHA1	Diverticular disease	0.649	0.022	0.017	0.209	1.02 (0.99,1.06)	0.025	2.28E-06	TRUE	2.59E-188
rs10952549	3431_54	P21709	EPHA1	Gastroesophageal reflux disease	0.773	-0.018	0.019	0.356	0.98 (0.95,1.02)	0.025	1.18E-06	TRUE	9.47E-190
rs10952549	3431_54	P21709	EPHA1	Cholelithiasis	0.739	-0.020	0.018	0.254	0.98 (0.95,1.01)	0.025	1.68E-06	TRUE	9.82E-190
rs10952549	3431_54	P21709	EPHA1	Chronic gastritis (Atrophic gastritis)	0.859	-0.041	0.036	0.254	0.96 (0.89,1.03)	0.025	1.83E-06	TRUE	7.47E-189
rs10952549	3431_54	P21709	EPHA1	Gastric ulcer	0.967	0.007	0.037	0.853	1.01 (0.94,1.08)	0.025	4.97E-08	TRUE	2.50E-191
rs10952549	3431_54	P21709	EPHA1	Acute gastritis	0.964	0.034	0.061	0.572	1.03 (0.92,1.17)	0.025	4.53E-07	TRUE	2.27E-190
rs10952549	3431_54	P21709	EPHA1	Nonalcoholic fatty liver disease	0.981	-0.018	0.058	0.753	0.98 (0.88,1.10)	0.025	1.27E-07	TRUE	5.06E-192
rs10952549	3431_54	P21709	EPHA1	Irritable bowel syndrome	0.993	-0.027	0.030	0.370	0.97 (0.92,1.03)	0.025	1.22E-06	TRUE	1.16E-188
rs10952549	3431_54	P21709	EPHA1	Cirrhosis	1.000	-0.008	0.044	0.851	0.99 (0.91,1.08)	0.025	4.47E-08	TRUE	2.22E-192
rs2460137	7206_20	P09467	FBP1	Diverticular disease	0.649	-0.152	0.116	0.189	0.86 (0.69,1.08)	0.004	2.48E-06	TRUE	5.09E-29
rs2460137	7206_20	P09467	FBP1	Gastroesophageal reflux disease	0.773	0.105	0.117	0.371	1.11 (0.88,1.40)	0.004	1.09E-06	TRUE	1.45E-29
rs2460137	7206_20	P09467	FBP1	Cirrhosis	0.798	-0.394	0.278	0.156	0.67 (0.39,1.16)	0.004	2.58E-06	TRUE	3.89E-29
rs2460137	7206_20	P09467	FBP1	Chronic gastritis (Atrophic gastritis)	0.859	0.217	0.185	0.240	1.24 (0.87,1.78)	0.004	1.95E-06	TRUE	3.32E-29
rs2460137	7206_20	P09467	FBP1	Cholelithiasis	0.845	-0.058	0.105	0.581	0.94 (0.77,1.16)	0.004	3.91E-07	TRUE	5.08E-30
rs2460137	7206_20	P09467	FBP1	Gastric ulcer	0.967	-0.058	0.229	0.799	0.94 (0.60,1.48)	0.004	9.36E-08	TRUE	3.58E-30
rs2460137	7206_20	P09467	FBP1	Acute gastritis	0.964	-0.046	0.359	0.897	0.95 (0.47,1.93)	0.004	2.36E-08	TRUE	2.50E-30
rs2460137	7206_20	P09467	FBP1	Nonalcoholic fatty liver disease	0.981	0.148	0.369	0.689	1.16 (0.56,2.39)	0.004	2.06E-07	TRUE	3.46E-30
rs2460137	7206_20	P09467	FBP1	Irritable bowel syndrome	0.993	-0.040	0.186	0.830	0.96 (0.67,1.38)	0.004	6.99E-08	TRUE	4.04E-30
rs2460137	7206_20	P09467	FBP1	Cholecystitis	0.983	0.064	0.267	0.810	1.07 (0.63,1.80)	0.004	7.87E-08	TRUE	2.91E-30
rs76908507	3367_8	Q9UGM5	FETUB	Gastroesophageal reflux disease	0.773	0.032	0.041	0.435	1.03 (0.95,1.12)	0.017	8.44E-07	TRUE	3.09E-124
rs76908507	3367_8	Q9UGM5	FETUB	Cholelithiasis	0.788	0.037	0.039	0.342	1.04 (0.96,1.12)	0.017	1.17E-06	TRUE	3.07E-124
rs76908507	3367_8	Q9UGM5	FETUB	Cholecystitis	0.823	0.099	0.091	0.279	1.10 (0.92,1.32)	0.017	1.61E-06	TRUE	1.45E-123
rs76908507	3367_8	Q9UGM5	FETUB	Gastric ulcer	0.849	0.062	0.076	0.420	1.06 (0.92,1.24)	0.017	9.39E-07	TRUE	7.58E-124
rs76908507	3367_8	Q9UGM5	FETUB	Chronic gastritis (Atrophic gastritis)	0.887	0.038	0.085	0.658	1.04 (0.88,1.23)	0.017	2.77E-07	TRUE	8.30E-125
rs76908507	3367_8	Q9UGM5	FETUB	Diverticular disease	0.939	0.028	0.035	0.435	1.03 (0.96,1.10)	0.017	8.81E-07	TRUE	6.57E-124
rs76908507	3367_8	Q9UGM5	FETUB	Acute gastritis	0.964	-0.014	0.130	0.913	0.99 (0.76,1.27)	0.017	1.71E-08	TRUE	1.66E-125
rs76908507	3367_8	Q9UGM5	FETUB	Nonalcoholic fatty liver disease	0.981	0.018	0.120	0.879	1.02 (0.80,1.29)	0.017	2.98E-08	TRUE	5.11E-126
rs76908507	3367_8	Q9UGM5	FETUB	Irritable bowel syndrome	0.993	-0.007	0.065	0.916	0.99 (0.87,1.13)	0.017	1.74E-08	TRUE	4.79E-125
rs76908507	3367_8	Q9UGM5	FETUB	Cirrhosis	1.000	-0.022	0.092	0.807	0.98 (0.82,1.17)	0.017	7.67E-08	TRUE	7.93E-126
rs61735836	9213_24	O95954	FTCD	Gastroesophageal reflux disease	0.358	0.046	0.021	0.028	1.05 (1.00,1.09)	0.025	6.58E-06	TRUE	2.76E-186
rs61735836	9213_24	O95954	FTCD	Diverticular disease	0.395	0.035	0.019	0.074	1.04 (1.00,1.08)	0.025	4.56E-06	TRUE	7.47E-187
rs61735836	9213_24	O95954	FTCD	Gastric ulcer	0.741	0.040	0.040	0.320	1.04 (0.96,1.13)	0.025	1.43E-06	TRUE	4.83E-189
rs61735836	9213_24	O95954	FTCD	Cholelithiasis	0.788	0.018	0.019	0.355	1.02 (0.98,1.06)	0.025	1.12E-06	TRUE	2.65E-190
rs61735836	9213_24	O95954	FTCD	Irritable bowel syndrome	0.798	-0.052	0.033	0.119	0.95 (0.89,1.01)	0.025	3.72E-06	TRUE	9.74E-187
rs61735836	9213_24	O95954	FTCD	Chronic gastritis (Atrophic gastritis)	0.880	0.021	0.037	0.564	1.02 (0.95,1.10)	0.025	4.71E-07	TRUE	2.02E-190
rs61735836	9213_24	O95954	FTCD	Acute gastritis	0.964	0.041	0.066	0.535	1.04 (0.92,1.18)	0.025	5.48E-07	TRUE	3.26E-190
rs61735836	9213_24	O95954	FTCD	Nonalcoholic fatty liver disease	0.981	0.008	0.064	0.906	1.01 (0.89,1.14)	0.025	1.77E-08	TRUE	1.50E-192
rs61735836	9213_24	O95954	FTCD	Cirrhosis	1.000	0.038	0.048	0.437	1.04 (0.94,1.14)	0.025	7.72E-07	TRUE	8.46E-191
rs61735836	9213_24	O95954	FTCD	Cholecystitis	0.996	0.001	0.048	0.985	1.00 (0.91,1.10)	0.025	5.04E-10	TRUE	3.01E-192
rs4550150	3314_74	P56159	GFRA1	Diverticular disease	0.218	-0.090	0.038	0.017	0.91 (0.85,0.98)	0.013	8.13E-06	TRUE	1.98E-93
rs4550150	3314_74	P56159	GFRA1	Gastric ulcer	0.368	-0.199	0.080	0.013	0.82 (0.70,0.96)	0.013	8.78E-06	TRUE	3.03E-93
rs4550150	3314_74	P56159	GFRA1	Nonalcoholic fatty liver disease	0.699	0.182	0.127	0.153	1.20 (0.93,1.54)	0.013	2.63E-06	TRUE	5.90E-96
rs4550150	3314_74	P56159	GFRA1	Cholecystitis	0.718	-0.122	0.096	0.202	0.89 (0.73,1.07)	0.013	2.23E-06	TRUE	6.86E-96
rs4550150	3314_74	P56159	GFRA1	Cholelithiasis	0.823	-0.026	0.040	0.519	0.97 (0.90,1.05)	0.013	5.42E-07	TRUE	2.08E-97
rs4550150	3314_74	P56159	GFRA1	Chronic gastritis (Atrophic gastritis)	0.843	0.138	0.084	0.100	1.15 (0.97,1.35)	0.013	3.84E-06	TRUE	5.46E-95
rs4550150	3314_74	P56159	GFRA1	Acute gastritis	0.964	-0.113	0.134	0.400	0.89 (0.69,1.16)	0.013	1.01E-06	TRUE	1.55E-96
rs4550150	3314_74	P56159	GFRA1	Gastroesophageal reflux disease	0.959	0.003	0.043	0.944	1.00 (0.92,1.09)	0.013	6.05E-09	TRUE	2.88E-98
rs4550150	3314_74	P56159	GFRA1	Irritable bowel syndrome	0.993	0.003	0.068	0.970	1.00 (0.88,1.14)	0.013	1.95E-09	TRUE	8.67E-98
rs4550150	3314_74	P56159	GFRA1	Cirrhosis	1.000	0.055	0.097	0.574	1.06 (0.87,1.28)	0.013	4.07E-07	TRUE	1.30E-97
rs3780126	9370_69	Q92820	GGH	Cholecystitis	0.208	0.150	0.060	0.013	1.16 (1.03,1.31)	0.025	8.52E-06	TRUE	1.88E-185
rs3780126	9370_69	Q92820	GGH	Cholelithiasis	0.238	0.056	0.025	0.026	1.06 (1.01,1.11)	0.025	6.50E-06	TRUE	8.52E-187
rs3780126	9370_69	Q92820	GGH	Chronic gastritis (Atrophic gastritis)	0.589	0.112	0.051	0.030	1.12 (1.01,1.24)	0.025	6.64E-06	TRUE	5.35E-186
rs3780126	9370_69	Q92820	GGH	Gastroesophageal reflux disease	0.643	0.036	0.027	0.187	1.04 (0.98,1.09)	0.025	2.43E-06	TRUE	1.22E-188
rs3780126	9370_69	Q92820	GGH	Irritable bowel syndrome	0.704	0.108	0.042	0.011	1.11 (1.03,1.21)	0.025	9.98E-06	TRUE	6.92E-184

Table S6. Association of putative type 2 diabetes-associated proteins in deCODE with gastrointestinal diseases.

Index SNP	SomaLogic	UniProt	Gene	GI outcomes	FDR *	b	se	pval	OR (95% CI)	snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
rs3780126	9370_69	Q92820	GGH	Diverticular disease	0.649	0.030	0.024	0.209	1.03 (0.98,1.08)	0.025	2.32E-06	TRUE	2.78E-188
rs3780126	9370_69	Q92820	GGH	Gastric ulcer	0.708	0.068	0.051	0.178	1.07 (0.97,1.18)	0.025	2.62E-06	TRUE	4.75E-188
rs3780126	9370_69	Q92820	GGH	Acute gastritis	0.964	0.076	0.085	0.367	1.08 (0.91,1.27)	0.025	1.16E-06	TRUE	2.01E-189
rs3780126	9370_69	Q92820	GGH	Nonalcoholic fatty liver disease	0.981	0.005	0.080	0.948	1.01 (0.86,1.18)	0.025	5.38E-09	TRUE	1.08E-192
rs3780126	9370_69	Q92820	GGH	Cirrhosis	1.000	-0.030	0.061	0.627	0.97 (0.86,1.09)	0.025	3.01E-07	TRUE	1.40E-191
rs4610468	2948_58	P10912	GHR	Gastroesophageal reflux disease	0.567	-0.128	0.068	0.062	0.88 (0.77,1.01)	0.013	4.77E-06	TRUE	2.96E-94
rs4610468	2948_58	P10912	GHR	Gastric ulcer	0.708	0.217	0.120	0.072	1.24 (0.98,1.57)	0.013	4.67E-06	TRUE	4.51E-94
rs4610468	2948_58	P10912	GHR	Acute gastritis	0.939	0.310	0.223	0.164	1.36 (0.88,2.11)	0.013	2.75E-06	TRUE	5.97E-95
rs4610468	2948_58	P10912	GHR	Nonalcoholic fatty liver disease	0.878	-0.196	0.188	0.297	0.82 (0.57,1.19)	0.013	1.40E-06	TRUE	3.43E-96
rs4610468	2948_58	P10912	GHR	Cholelithiasis	0.947	0.009	0.071	0.903	1.01 (0.88,1.16)	0.013	1.87E-08	TRUE	6.51E-98
rs4610468	2948_58	P10912	GHR	Cholecystitis	0.942	-0.093	0.147	0.527	0.91 (0.68,1.22)	0.013	5.48E-07	TRUE	1.19E-96
rs4610468	2948_58	P10912	GHR	Chronic gastritis (Atrophic gastritis)	0.993	-0.008	0.397	0.984	0.99 (0.46,2.16)	0.013	5.96E-10	TRUE	1.02E-97
rs4610468	2948_58	P10912	GHR	Irritable bowel syndrome	0.993	-0.009	0.109	0.933	0.99 (0.80,1.23)	0.013	1.02E-08	TRUE	3.42E-97
rs4610468	2948_58	P10912	GHR	Diverticular disease	1.000	0.012	0.053	0.815	1.01 (0.91,1.12)	0.013	7.80E-08	TRUE	3.36E-97
rs4610468	2948_58	P10912	GHR	Cirrhosis	1.000	0.027	0.143	0.851	1.03 (0.78,1.36)	0.013	4.46E-08	TRUE	7.94E-98
rs76829642	13697_51	P21695	GPD1	Cholecystitis	0.718	0.326	0.253	0.198	1.38 (0.84,2.27)	0.001	2.27E-06	TRUE	1.48E-09
rs76829642	13697_51	P21695	GPD1	Cholelithiasis	0.906	-0.042	0.111	0.709	0.96 (0.77,1.19)	0.001	1.82E-07	TRUE	4.01E-10
rs76829642	13697_51	P21695	GPD1	Gastric ulcer	0.953	0.086	0.212	0.684	1.09 (0.72,1.65)	0.001	2.39E-07	TRUE	4.77E-10
rs76829642	13697_51	P21695	GPD1	Gastroesophageal reflux disease	0.959	0.012	0.114	0.915	1.01 (0.81,1.27)	0.001	1.57E-08	TRUE	2.96E-10
rs76829642	13697_51	P21695	GPD1	Acute gastritis	0.964	-0.194	0.368	0.599	0.82 (0.40,1.70)	0.001	3.94E-07	TRUE	5.56E-10
rs76829642	13697_51	P21695	GPD1	Nonalcoholic fatty liver disease	0.981	0.023	0.332	0.945	1.02 (0.53,1.96)	0.001	6.13E-09	TRUE	2.64E-10
rs76829642	13697_51	P21695	GPD1	Cirrhosis	1.000	-0.181	0.252	0.473	0.83 (0.51,1.37)	0.001	6.60E-07	TRUE	6.27E-10
rs76829642	13697_51	P21695	GPD1	Chronic gastritis (Atrophic gastritis)	0.993	-0.033	0.270	0.902	0.97 (0.57,1.64)	0.001	2.13E-08	TRUE	3.12E-10
rs76829642	13697_51	P21695	GPD1	Irritable bowel syndrome	0.993	0.115	0.182	0.528	1.12 (0.79,1.60)	0.001	6.11E-07	TRUE	7.15E-10
rs76829642	13697_51	P21695	GPD1	Diverticular disease	1.000	0.046	0.096	0.634	1.05 (0.87,1.26)	0.001	3.26E-07	TRUE	5.25E-10
rs10985149	16607_78	P06396	GSN	Acute gastritis	0.964	0.019	0.132	0.887	1.02 (0.79,1.32)	0.009	2.86E-08	TRUE	2.05E-71
rs10985149	16607_78	P06396	GSN	Chronic gastritis (Atrophic gastritis)	0.993	0.004	0.075	0.954	1.00 (0.87,1.16)	0.009	4.82E-09	TRUE	1.38E-71
rs10985149	16607_78	P06396	GSN	Cholecystitis	0.717	0.134	0.095	0.156	1.14 (0.95,1.38)	0.009	2.77E-06	TRUE	2.06E-69
rs10985149	16607_78	P06396	GSN	Cholelithiasis	0.713	0.047	0.039	0.228	1.05 (0.97,1.13)	0.009	1.88E-06	TRUE	5.28E-70
rs10985149	16607_78	P06396	GSN	Cirrhosis	1.000	-0.064	0.098	0.513	0.94 (0.77,1.14)	0.009	5.49E-07	TRUE	6.23E-71
rs10985149	16607_78	P06396	GSN	Diverticular disease	1.000	-0.021	0.039	0.591	0.98 (0.91,1.06)	0.009	4.13E-07	TRUE	1.06E-70
rs10985149	16607_78	P06396	GSN	Gastric ulcer	0.708	0.143	0.081	0.076	1.15 (0.99,1.35)	0.009	4.54E-06	TRUE	1.34E-68
rs10985149	16607_78	P06396	GSN	Gastroesophageal reflux disease	0.837	-0.029	0.042	0.489	0.97 (0.89,1.05)	0.009	6.52E-07	TRUE	1.25E-70
rs10985149	16607_78	P06396	GSN	Irritable bowel syndrome	0.924	0.080	0.067	0.231	1.08 (0.95,1.23)	0.009	2.20E-06	TRUE	2.72E-69
rs10985149	16607_78	P06396	GSN	Nonalcoholic fatty liver disease	0.981	-0.068	0.128	0.592	0.93 (0.73,1.20)	0.009	3.68E-07	TRUE	4.04E-71
rs2144693	17138_8	P08263	GSTA1	Cholelithiasis	0.664	-0.039	0.030	0.197	0.96 (0.91,1.02)	0.025	2.18E-06	TRUE	2.61E-189
rs2144693	17138_8	P08263	GSTA1	Gastric ulcer	0.708	-0.100	0.061	0.099	0.90 (0.80,1.02)	0.025	3.93E-06	TRUE	3.37E-187
rs2144693	17138_8	P08263	GSTA1	Gastroesophageal reflux disease	0.773	-0.026	0.032	0.415	0.97 (0.91,1.04)	0.025	9.15E-07	TRUE	4.72E-190
rs2144693	17138_8	P08263	GSTA1	Chronic gastritis (Atrophic gastritis)	0.843	-0.084	0.063	0.183	0.92 (0.81,1.04)	0.025	2.51E-06	TRUE	2.56E-188
rs2144693	17138_8	P08263	GSTA1	Acute gastritis	0.964	0.104	0.102	0.304	1.11 (0.91,1.35)	0.025	1.50E-06	TRUE	4.47E-189
rs2144693	17138_8	P08263	GSTA1	Nonalcoholic fatty liver disease	0.981	-0.055	0.096	0.565	0.95 (0.78,1.14)	0.025	4.22E-07	TRUE	2.51E-191
rs2144693	17138_8	P08263	GSTA1	Irritable bowel syndrome	0.993	-0.001	0.051	0.988	1.00 (0.90,1.10)	0.025	2.13E-10	TRUE	3.22E-191
rs2144693	17138_8	P08263	GSTA1	Cholecystitis	0.983	-0.019	0.072	0.794	0.98 (0.85,1.13)	0.025	9.28E-08	TRUE	1.40E-191
rs2144693	17138_8	P08263	GSTA1	Cirrhosis	1.000	-0.013	0.073	0.861	0.99 (0.86,1.14)	0.025	4.04E-08	TRUE	2.10E-192
rs2144693	17138_8	P08263	GSTA1	Diverticular disease	1.000	0.009	0.029	0.749	1.01 (0.95,1.07)	0.025	1.54E-07	TRUE	6.16E-191
rs34356500	15562_24	P08236	GUSB	Cholecystitis	0.265	0.273	0.125	0.029	1.31 (1.03,1.68)	0.008	6.56E-06	TRUE	1.87E-58
rs34356500	15562_24	P08236	GUSB	Diverticular disease	0.404	-0.086	0.050	0.082	0.92 (0.83,1.01)	0.008	4.37E-06	TRUE	6.20E-59
rs34356500	15562_24	P08236	GUSB	Gastroesophageal reflux disease	0.589	-0.096	0.056	0.086	0.91 (0.81,1.01)	0.008	4.09E-06	TRUE	3.71E-59
rs34356500	15562_24	P08236	GUSB	Gastric ulcer	0.715	-0.126	0.106	0.231	0.88 (0.72,1.08)	0.008	2.07E-06	TRUE	8.86E-60
rs34356500	15562_24	P08236	GUSB	Cirrhosis	0.798	0.181	0.126	0.152	1.20 (0.94,1.54)	0.008	2.62E-06	TRUE	7.45E-60
rs34356500	15562_24	P08236	GUSB	Irritable bowel syndrome	0.798	-0.134	0.088	0.128	0.87 (0.74,1.04)	0.008	3.52E-06	TRUE	5.02E-59
rs34356500	15562_24	P08236	GUSB	Cholelithiasis	0.823	0.036	0.052	0.493	1.04 (0.94,1.15)	0.008	5.99E-07	TRUE	6.04E-61
rs34356500	15562_24	P08236	GUSB	Chronic gastritis (Atrophic gastritis)	0.859	-0.123	0.109	0.261	0.88 (0.71,1.10)	0.008	1.79E-06	TRUE	5.73E-60
rs34356500	15562_24	P08236	GUSB	Acute gastritis	0.939	0.264	0.176	0.133	1.30 (0.92,1.84)	0.008	3.21E-06	TRUE	2.38E-59
rs3828998	2771_35	P08833	IGFBP1	Cholelithiasis	0.664	0.126	0.098	0.196	1.13 (0.94,1.37)	0.003	2.15E-06	TRUE	3.14E-19
rs3828998	2771_35	P08833	IGFBP1	Gastric ulcer	0.708	-0.303	0.195	0.120	0.74 (0.50,1.08)	0.003	3.48E-06	TRUE	7.41E-19
rs3828998	2771_35	P08833	IGFBP1	Acute gastritis	0.939	-0.446	0.326	0.172	0.64 (0.34,1.21)	0.003	2.67E-06	TRUE	4.94E-19
rs3828998	2771_35	P08833	IGFBP1	Chronic gastritis (Atrophic gastritis)	0.881	-0.098	0.203	0.631	0.91 (0.61,1.35)	0.003	3.29E-07	TRUE	8.21E-20
rs3828998	2771_35	P08833	IGFBP1	Gastroesophageal reflux disease	0.959	0.039	0.104	0.708	1.04 (0.85,1.27)	0.003	1.90E-07	TRUE	6.12E-20
rs3828998	2771_35	P08833	IGFBP1	Nonalcoholic fatty liver disease	0.981	0.161	0.309	0.602	1.17 (0.64,2.16)	0.003	3.48E-07	TRUE	7.04E-20
rs3828998	2771_35	P08833	IGFBP1	Irritable bowel syndrome	0.993	0.052	0.164	0.751	1.05 (0.76,1.45)	0.003	1.52E-07	TRUE	7.17E-20
rs3828998	2771_35	P08833	IGFBP1	Cholecystitis	0.983	0.085	0.231	0.715	1.09 (0.69,1.71)	0.003	1.83E-07	TRUE	6.05E-20
rs3828998	2771_35	P08833	IGFBP1	Diverticular disease	1.000	0.005	0.092	0.955	1.01 (0.84,1.20)	0.003	5.22E-09	TRUE	3.64E-20
rs3828998	2771_35	P08833	IGFBP1	Cirrhosis	1.000	0.133	0.234	0.571	1.14 (0.72,1.81)	0.003	4.10E-07	TRUE	7.63E-20
rs4674100	8469_41	P18065	IGFBP2	Gastroesophageal reflux disease	0.589	0.264	0.151	0.081	1.30 (0.97,1.75)	0.001	4.18E-06	TRUE	3.33E-08
rs4674100	8469_41	P18065	IGFBP2	Cholecystitis	0.823	-0.382	0.338	0.258	0.68 (0.35,1.32)	0.001	1.76E-06	TRUE	1.55E-08
rs4674100	8469_41	P18065	IGFBP2	Chronic gastritis (Atrophic gastritis)	0.859	0.176	0.285	0.537	1.19 (0.68,2.09)	0.001	5.36E-07	TRUE	8.37E-09
rs4674100	8469_41	P18065	IGFBP2	Gastric ulcer	0.967	-0.065	0.285	0.819	0.94 (0.54,1.64)	0.001	7.73E-08	TRUE	5.17E-09
rs4674100	8469_41	P18065	IGFBP2	Cholelithiasis	0.947	0.019	0.141	0.891	1.02 (0.77,1.34)	0.001	2.25E-08	TRUE	4.11E-09
rs4674100	8469_41	P18065	IGFBP2	Acute gastritis	0.964	-0.113	0.474	0.812	0.89 (0.35,2.26)	0.001	8.20E-08	TRUE	5.17E-09
rs4674100	8469_41	P18065	IGFBP2	Cirrhosis	1.000	-0.338	0.343	0.325	0.71 (0.36,1.40)	0.001	1.25E-06	TRUE	1.18E-08
rs4674100	8469_41	P18065	IGFBP2	Nonalcoholic fatty liver disease	0.981	0.384	0.451	0.394	1.47 (0.61,3.55)	0.001	9.30E-07	TRUE	1.00E-08
rs4674100	8469_41	P18065	IGFBP2	Irritable bowel syndrome	0.993	0.118	0.238	0.620	1.13 (0.71,1.79)	0.001	3.78E-07	TRUE	7.91E-09
rs4674100	8469_41	P18065	IGFBP2	Diverticular disease	1.000	0.067	0.136	0.622	1.07 (0.82,1.39)	0.001	3.46E-07	TRUE	7.27E-09
rs55871806	14079_14	Q13478	IL18R1	Diverticular disease	0.337	0.034	0.018	0.058	1.03 (1.00,1.07)	0.025	5.17E-06	TRUE	1.58E-186
rs55871806	14079_14	Q13478	IL18R1	Nonalcoholic fatty liver disease	0.488	-0.112	0.060	0.060	0.89 (0.80,1.00)	0.025	4.52E-06	TRUE	7.48E-188
rs55871806	14079_14	Q13478	IL18R1	Cholelithiasis	0.611	-0.030	0.019	0.105	0.97 (0.94,1.01)	0.025	3.43E-06	TRUE	1.98E-188
rs55871806	14079_14	Q13478	IL18R1	Chronic gastritis (Atrophic gastritis)	0.859	-0.028	0.037	0.443	0.97 (0.90,1.05)	0.025	8.31E-07	TRUE	6.83E-190
rs55871806	14079_14	Q13478	IL18R1	Gastric ulcer	0.852	-0.025	0.038	0.506	0.98 (0.91,1.05)	0.025	6.39E-07	TRUE	5.71E-190
rs55871806	14079_14	Q13478	IL18R1	Gastroesophageal reflux disease	0.937	0.009	0.020	0.635	1.01 (0.97,1.05)	0.025	3.15E-07	TRUE	5.53E-191
rs55871806	14079_14	Q13478	IL18R1	Acute gastritis	0.964	-0.008	0.062	0.897	0.99 (0.88,1.12)	0.025	2.34E-08	TRUE	1.34E-191
rs55871806	14079_14	Q13478	IL18R1	Irritable bowel syndrome	0.993	0.008	0.032	0.794	1.01 (0.95,1.07)	0.025	1.07E-07	TRUE	1.74E-190
rs55871806	14079_14	Q13478	IL18R1	Cholecystitis	0.996	0.005	0.045	0.903	1.01 (0.92,1.10)	0.025	2.06E-08	TRUE	5.82E-192
rs55871806	14079_14	Q13478	IL18R1	Cirrhosis	1.000	-0.024	0.045	0.599	0.98 (0.89,1.07)	0.025	3.56E-07	TRUE	1.82E-191
rs55709272	5353_89	P18510	IL1RN	Nonalcoholic fatty liver disease	0.085	0.383	0.134	0.004	1.47 (1.13,1.91)	0.014	1.06E-05	TRUE	2.38E-101
rs55709272	5353_89	P18510	IL1RN	Gastroesophageal reflux disease	0.589	-0.076	0.045	0.092	0.93 (0.85,1.01)	0.014	3.86E-06	TRUE	2.86E-103
rs55709272	5353_89	P18510	IL1RN	Cirrhosis	0.798	0.143	0.102	0.161	1.15 (0.94,1.41)	0.014	2.51E-06	TRUE	3.10E-104
rs55709272	5353_89	P18510	IL1RN	Acute gastritis	0.939	0.209	0.142	0.141	1.23 (0.93,1.63)	0.014	3.07E-06	TRUE	1.89E-103
rs55709272	5353_89	P18510	IL1RN	Gastric ulcer	0.967	0.015	0.085	0.863	1.01 (0.86,1.20)	0.014	4.24E-08	TRUE	4.40E-106
rs55709272	5353_89	P18510	IL1RN	Cholelithiasis	0.948	0.003	0.042	0.947	1.00 (0.92,1.09)	0.014	5.69E-09	TRUE	7.81E-107
rs55709272	5353_89	P18510	IL1RN	Chronic gastritis (Atrophic gastritis)	0.978	0.020	0.089	0.825	1.02 (0.86,1.21)	0.014	6.77E-08	TRUE	4.32E-106
rs55709272	5353_89	P18510	IL1RN	Irritable bowel syndrome	0.993	-0.002	0.071	0.981	1.00 (0.87,1.15)	0.014	7.47E-10	TRUE	4.58E-106
rs55709272	5353_89	P18510	IL1RN	Cholecystitis	0.983	-0.046	0.100	0.647	0.96 (0.78,1.16)	0.014	2.89E-07	TRUE	9.53E-106
rs55709272	5353_89	P18510	IL1RN	Diverticular disease	1.000	0.003	0.040	0.944	1.00 (0.93,1.08)	0.014	5.89E-09	TRUE	2.59E-106
rs3809113	6408_2	P55103	INHBC	Nonalcoholic fatty liver disease	0.583	0.408	0.235	0.082	1.50 (0.95,2.38)	0.003	3.89E-06	TRUE	5.74E-26
rs3809113	6408_2	P55103	INHBC	Gastroesophageal reflux disease	0.617	-0.126	0.078	0.106	0.88 (0.76,1.03)	0.003	3.56E-06	TRUE	5.72E-26
rs3809113	6408_2	P55103	INHBC	Diverticular disease	0.649	0.088	0.070	0.213	1.09 (0.95,1.25)	0.003	2.25E-06	TRUE	3.05E-26
rs3809113	6408_2	P55103	INHBC	Gastric ulcer	0.849	-0.107	0.148	0.468	0.90 (0.67,1.20)	0.003	7.56E-07	TRUE	8.80E-27
rs3809113	6408_2	P55103	INHBC	Chronic gastritis (Atrophic gastritis)	0.859	-0.094	0.148	0.526	0.91 (0.68,1.22)	0.003	5.63E-07	TRUE	6.56E-27
rs3809113	6408_2	P55103	INHBC	Cholelithiasis	0.948	0.006	0.073	0.937	1.01 (0.87,1.16)	0.003	7.18E-09	TRUE	1.36E-27
rs3809113	6408_2	P55103	INHBC	Acute gastritis	0.964	-0.028	0.246	0.909	0.97 (0.60,1.58)	0.003	1.80E-08	TRUE	1.96E-27
rs3809113	6408_2	P55103	INHBC	Irritable bowel syndrome	0.993	-0.124	0.124	0.317	0.88 (0.69,1.13)	0.003	1.53E-06	TRUE	2.19E-26
rs3809113	6408_2	P55103	INHBC	Cholecystitis	0.983	-0.084	0.176	0.633	0.92 (0.65,1.30)	0.003	3.14E-07	TRUE	4.14E-27
rs3809113	6408_2	P55103	INHBC	Cirrhosis	1.000	0.035	0.178	0.845	1.04 (0.73,1.47)	0.003	4.97E-08	TRUE	1.75E-27
rs11809759	10462_14	Q9Y5Q6	INSL5	Diverticular disease	0.572	-0.186	0.124	0.132	0.83 (0.65,1.06)	0.001	3.27E-06	TRUE	4.68E-11
rs11809759	10462_14	Q9Y5Q6	INSL5	Gastroesophageal reflux disease	0.643	-0.178	0.138	0.197	0.84 (0.64,1.10)	0.001	2.26E-06	TRUE	3.03E-11
rs11809759	10462_14	Q9Y5Q6	INSL5	Cholelithiasis	0.823	-0.092	0.131	0.480	0.91 (0.71,1.18)	0.001	6.65E-07	TRUE	1.20E-11
rs11809759	10462_14	Q9Y5Q6	INSL5	Chronic gastritis (Atrophic gastritis)	0.881	-0.138	0.268	0.608	0.87 (0.52,1.47)	0.001	3.72E-07	TRUE	1.01E-11
rs11809759	10462_14	Q9Y5Q6	INSL5	Acute gastritis	0.964	0.293	0.434	0.500	1.34 (0.57,3.14)	0.001	6.45E-07	TRUE	1.31E-11
rs11809759	10462_14	Q9Y5Q6	INSL5	Nonalcoholic fatty liver disease	0.981	-0.026	0.411	0.949	0.97 (0.44,2.18)	0.001	5.03E-09	TRUE	4.55E-12
rs11809759	10462_14	Q9Y5Q6	INSL5	Irritable bowel syndrome	0.993	-0.017	0.220	0.937	0.98 (0.64,1.51)	0.001	9.02E-09	TRUE	5.78E-12
rs11809759	10462_14	Q9Y5Q6	INSL5	Cholecystitis	0.996	-0.038	0.308	0.901	0.96 (0.53,1.76)	0.001	2.03E-08	TRUE	5.37E-12
rs11809759	10462_14	Q9Y5Q6	INSL5	Cirrhosis	1.000	0.000	0.314	1.000	1.00 (0.54,1.85)	0.001	2.01E-14	TRUE	4.15E-12
rs3826311	5000_52	Q08380	LGALS3BP	Gastroesophageal reflux disease	0.746	0.057	0.052	0.268	1.06 (0.96,1.17)	0.010	1.67E-06	TRUE	1.41E-75
rs3826311	5000_52	Q08380	LGALS3BP	Irritable bowel syndrome	0.798	-0.144	0.082	0.079	0.87 (0.74,1.02)	0.010	4.73E-06	TRUE	7.03E-74
rs3826311	5000_52	Q08380	LGALS3BP	Cholelithiasis	0.906	-0.018	0.049	0.711	0.98 (0.89,1.08)	0.010	1.79E-07	TRUE	4.64E-77
rs3826311	5000_52	Q08380	LGALS3BP	Gastric ulcer	0.967	-0.026	0.097	0.793	0.97 (0.81,1.18)	0.010	1.00E-07	TRUE	7.63E-77
rs3826311	5000_52	Q08380	LGALS3BP	Acute gastritis	0.964	-0.025	0.163	0.877	0.98 (0.71,1.34)	0.010	3.32E-08	TRUE	4.37E-77
rs3826311	5000_52	Q08380	LGALS3BP	Nonalcoholic fatty liver disease	0.981	0.010	0.154	0.950	1.01 (0.75,1.36)	0.010	4.99E-09	TRUE	1.30E-77
rs3826311	5000_52	Q08380	LGALS3BP	Chronic gastritis (Atrophic gastritis)	0.993	-0.012	0.100	0.904	0.99 (0.81,1.20)	0.010	2.02E-08	TRUE	3.53E-77
rs3826311	5000_52	Q08380	LGALS3BP	Cholecystitis	0.983	0.055	0.116	0.632	1.06 (0.84,1.33)	0.010	3.14E-07	TRUE	1.17E-76
rs3826311	5000_52	Q08380	LGALS3BP	Cirrhosis	1.000	0.011	0.117	0.928	1.01 (0.80,1.27)	0.010	1.05E-08	TRUE	1.43E-77
rs3826311	5000_52	Q08380	LGALS3BP	Diverticular disease	1.000	0.015	0.046	0.753	1.01 (0.93,1.11)	0.010	1.45E-07	TRUE	9.41E-77
rs11886092	19361_78	O15232	MATN3	Diverticular disease	0.238	0.042	0.019	0.026	1.04 (1.00,1.08)	0.025	7.18E-06	TRUE	1.38E-185
rs11886092	19361_78	O15232	MATN3	Chronic gastritis (Atrophic gastritis)	0.589	0.084	0.042	0.045	1.09 (1.00,1.18)	0.025	5.67E-06	TRUE	1.89E-186
rs11886092	19361_78	O15232	MATN3	Nonalcoholic fatty liver disease	0.623	-0.103	0.064	0.107	0.90 (0.80,1.02)	0.025	3.35E-06	TRUE	1.53E-188
rs11886092	19361_78	O15232	MATN3	Gastroesophageal reflux disease	0.773	0.019	0.021	0.367	1.02 (0.98,1.06)	0.025	1.12E-06	TRUE	8.21E-190
rs11886092	19361_78	O15232	MATN3	Acute gastritis	0.939	0.106	0.067	0.115	1.11 (0.97,1.27)	0.025	3.55E-06	TRUE	1.57E-187
rs11886092	19361_78	O15232	MATN3	Gastric ulcer	0.953	0.016	0.040	0.700	1.02 (0.94,1.10)	0.025	2.19E-07	TRUE	9.44E-191
rs11886092	19361_78	O15232	MATN3	Cholecystitis	0.942	-0.036	0.048	0.456	0.97 (0.88,1.06)	0.025	7.59E-07	TRUE	3.04E-190
rs11886092	19361_78	O15232	MATN3	Cholelithiasis	0.948	0.001	0.020	0.948	1.00 (0.96,1.04)	0.025	4.71E-09	TRUE	1.22E-192
rs11886092	19361_78	O15232	MATN3	Irritable bowel syndrome	0.993	0.021	0.034	0.532	1.02 (0.96,1.09)	0.025	6.03E-07	TRUE	1.99E-189
rs11886092	19361_78	O15232	MATN3	Cirrhosis	1.000	-0.007	0.048	0.878	0.99 (0.90,1.09)	0.025	2.95E-08	TRUE	1.79E-192
rs181929025	10521_10	Q9BRK3	MXRA8	Gastroesophageal reflux disease	0.635	0.212	0.136	0.119	1.24 (0.95,1.61)	0.003	3.34E-06	TRUE	5.17E-20
rs181929025	10521_10	Q9BRK3	MXRA8	Cholecystitis	0.717	-0.409	0.290	0.159	0.66 (0.38,1.17)	0.003	2.73E-06	TRUE	3.83E-20
rs181929025	10521_10	Q9BRK3	MXRA8	Irritable bowel syndrome	0.798	0.307	0.215	0.153	1.36 (0.89,2.07)	0.003	3.14E-06	TRUE	5.96E-20
rs181929025	10521_10	Q9BRK3	MXRA8	Chronic gastritis (Atrophic gastritis)	0.859	0.629	0.786	0.423	1.88 (0.40,8.75)	0.003	9.05E-07	TRUE	1.22E-20
rs181929025	10521_10	Q9BRK3	MXRA8	Cholelithiasis	0.844	-0.080	0.140	0.567	0.92 (0.70,1.21)	0.003	4.24E-07	TRUE	6.04E-21
rs181929025	10521_10	Q9BRK3	MXRA8	Gastric ulcer	0.967	-0.079	0.239	0.739	0.92 (0.58,1.47)	0.003	1.60E-07	TRUE	4.86E-21
rs181929025	10521_10	Q9BRK3	MXRA8	Acute gastritis	0.964	-0.250	0.444	0.574	0.78 (0.33,1.86)	0.003	4.51E-07	TRUE	7.62E-21
rs181929025	10521_10	Q9BRK3	MXRA8	Nonalcoholic fatty liver disease	0.981	0.144	0.374	0.701	1.15 (0.55,2.40)	0.003	1.90E-07	TRUE	4.08E-21
rs181929025	10521_10	Q9BRK3	MXRA8	Diverticular disease	1.000	-0.048	0.104	0.645	0.95 (0.78,1.17)	0.003	3.07E-07	TRUE	6.35E-21
rs181929025	10521_10	Q9BRK3	MXRA8	Cirrhosis	1.000	0.133	0.283	0.638	1.14 (0.66,1.99)	0.003	2.84E-07	TRUE	4.82E-21
rs2228603	15573_110	O14594	NCAN	Gastroesophageal reflux disease	0.128	-0.127	0.045	0.004	0.88 (0.81,0.96)	0.012	1.12E-05	TRUE	1.65E-84
rs2228603	15573_110	O14594	NCAN	Gastric ulcer	0.368	-0.191	0.084	0.023	0.83 (0.70,0.97)	0.012	7.40E-06	TRUE	2.78E-85
rs2228603	15573_110	O14594	NCAN	Irritable bowel syndrome	0.725	-0.150	0.071	0.034	0.86 (0.75,0.99)	0.012	6.94E-06	TRUE	3.73E-85

Table S6. Association of putative type 2 diabetes-associated proteins in deCODE with gastrointestinal diseases.

Index SNP	SomaLogic	UniProt	Gene	GI outcomes	FDR *	b	se	pval	OR (95% CI)	snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
rs2228603	15573_110	O14594	NCAN	Cholelithiasis	0.823	0.033	0.042	0.436	1.03 (0.95,1.12)	0.012	7.89E-07	TRUE	1.31E-88
rs2228603	15573_110	O14594	NCAN	Chronic gastritis (Atrophic gastritis)	0.859	-0.092	0.088	0.295	0.91 (0.77,1.08)	0.012	1.54E-06	TRUE	1.06E-87
rs2228603	15573_110	O14594	NCAN	Cholecystitis	0.942	0.082	0.100	0.411	1.09 (0.89,1.32)	0.012	9.31E-07	TRUE	2.93E-88
rs2228603	15573_110	O14594	NCAN	Acute gastritis	0.964	0.080	0.140	0.568	1.08 (0.82,1.43)	0.012	4.66E-07	TRUE	1.48E-88
rs2228603	15573_110	O14594	NCAN	Diverticular disease	1.000	-0.012	0.040	0.756	0.99 (0.91,1.07)	0.012	1.37E-07	TRUE	5.20E-89
rs6656887	7179_69	O94856	NFASC	Chronic gastritis (Atrophic gastritis)	0.859	0.033	0.052	0.529	1.03 (0.93,1.15)	0.025	5.57E-07	TRUE	2.78E-190
rs6656887	7179_69	O94856	NFASC	Cholelithiasis	0.909	-0.008	0.025	0.753	0.99 (0.95,1.04)	0.025	1.29E-07	TRUE	5.95E-192
rs6656887	7179_69	O94856	NFASC	Gastric ulcer	0.953	0.019	0.049	0.691	1.02 (0.93,1.12)	0.025	2.28E-07	TRUE	9.97E-191
rs6656887	7179_69	O94856	NFASC	Gastroesophageal reflux disease	0.959	-0.008	0.026	0.771	0.99 (0.94,1.04)	0.025	1.18E-07	TRUE	1.69E-191
rs6656887	7179_69	O94856	NFASC	Acute gastritis	0.964	-0.041	0.082	0.615	0.96 (0.82,1.13)	0.025	3.60E-07	TRUE	1.52E-190
rs6656887	7179_69	O94856	NFASC	Nonalcoholic fatty liver disease	0.981	0.017	0.077	0.823	1.02 (0.87,1.18)	0.025	6.45E-08	TRUE	2.89E-192
rs6656887	7179_69	O94856	NFASC	Irritable bowel syndrome	0.993	-0.012	0.041	0.766	0.99 (0.91,1.07)	0.025	1.33E-07	TRUE	2.15E-190
rs6656887	7179_69	O94856	NFASC	Cholecystitis	0.983	-0.012	0.058	0.841	0.99 (0.88,1.11)	0.025	5.50E-08	TRUE	9.54E-192
rs6656887	7179_69	O94856	NFASC	Cirrhosis	1.000	-0.020	0.059	0.736	0.98 (0.87,1.10)	0.025	1.47E-07	TRUE	5.68E-192
rs6656887	7179_69	O94856	NFASC	Diverticular disease	1.000	-0.004	0.023	0.872	1.00 (0.95,1.04)	0.025	3.80E-08	TRUE	2.11E-191
rs198379	7655_11	P16860	NPPB	Acute gastritis	0.964	0.044	0.097	0.651	1.04 (0.86,1.26)	0.025	2.92E-07	TRUE	1.10E-190
rs198379	7655_11	P16860	NPPB	Chronic gastritis (Atrophic gastritis)	0.881	0.029	0.060	0.633	1.03 (0.91,1.16)	0.025	3.21E-07	TRUE	1.05E-190
rs198379	7655_11	P16860	NPPB	Cholecystitis	0.942	0.044	0.069	0.527	1.04 (0.91,1.20)	0.025	5.51E-07	TRUE	1.51E-190
rs198379	7655_11	P16860	NPPB	Cholelithiasis	0.238	0.064	0.029	0.025	1.07 (1.01,1.13)	0.025	6.40E-06	TRUE	7.64E-187
rs198379	7655_11	P16860	NPPB	Cirrhosis	1.000	-0.048	0.070	0.488	0.95 (0.83,1.09)	0.025	6.13E-07	TRUE	5.02E-191
rs198379	7655_11	P16860	NPPB	Diverticular disease	0.649	0.037	0.028	0.181	1.04 (0.98,1.10)	0.025	2.63E-06	TRUE	4.74E-188
rs198379	7655_11	P16860	NPPB	Gastric ulcer	0.715	0.066	0.058	0.257	1.07 (0.95,1.20)	0.025	1.85E-06	TRUE	1.18E-188
rs198379	7655_11	P16860	NPPB	Gastroesophageal reflux disease	0.643	-0.039	0.031	0.201	0.96 (0.91,1.02)	0.025	2.21E-06	TRUE	8.31E-189
rs198379	7655_11	P16860	NPPB	Irritable bowel syndrome	0.798	0.072	0.049	0.140	1.07 (0.98,1.18)	0.025	3.34E-06	TRUE	5.67E-187
rs198379	7655_11	P16860	NPPB	Nonalcoholic fatty liver disease	0.981	0.026	0.092	0.780	1.03 (0.86,1.23)	0.025	9.93E-08	TRUE	4.04E-192
rs7289344	15511_37	O95502	NPTXR	Cholelithiasis	0.077	0.037	0.013	0.006	1.04 (1.01,1.06)	0.025	9.62E-06	TRUE	1.65E-185
rs7289344	15511_37	O95502	NPTXR	Cirrhosis	0.883	-0.040	0.035	0.251	0.96 (0.90,1.03)	0.025	1.69E-06	TRUE	8.35E-190
rs7289344	15511_37	O95502	NPTXR	Chronic gastritis (Atrophic gastritis)	0.843	0.031	0.025	0.208	1.03 (0.98,1.08)	0.025	2.23E-06	TRUE	1.60E-188
rs7289344	15511_37	O95502	NPTXR	Acute gastritis	0.964	0.051	0.046	0.269	1.05 (0.96,1.15)	0.025	1.75E-06	TRUE	7.54E-189
rs7289344	15511_37	O95502	NPTXR	Cholecystitis	0.942	0.029	0.034	0.396	1.03 (0.96,1.10)	0.025	9.85E-07	TRUE	5.86E-190
rs7289344	15511_37	O95502	NPTXR	Gastric ulcer	0.953	-0.012	0.029	0.684	0.99 (0.93,1.05)	0.025	2.40E-07	TRUE	1.06E-190
rs7289344	15511_37	O95502	NPTXR	Diverticular disease	0.939	0.011	0.014	0.439	1.01 (0.98,1.04)	0.025	8.61E-07	TRUE	1.12E-189
rs7289344	15511_37	O95502	NPTXR	Gastroesophageal reflux disease	0.959	0.003	0.015	0.840	1.00 (0.97,1.03)	0.025	5.52E-08	TRUE	9.36E-192
rs7289344	15511_37	O95502	NPTXR	Irritable bowel syndrome	0.993	-0.006	0.024	0.799	0.99 (0.95,1.04)	0.025	1.01E-07	TRUE	1.66E-190
rs7289344	15511_37	O95502	NPTXR	Nonalcoholic fatty liver disease	0.998	0.000	0.046	0.998	1.00 (0.91,1.10)	0.025	1.07E-11	TRUE	7.35E-193
rs844124	11313_100	P61457	PCBD1	Gastroesophageal reflux disease	0.149	0.181	0.066	0.007	1.20 (1.05,1.36)	0.006	1.01E-05	TRUE	4.08E-44
rs844124	11313_100	P61457	PCBD1	Nonalcoholic fatty liver disease	0.309	0.438	0.198	0.027	1.55 (1.05,2.28)	0.006	6.30E-06	TRUE	5.35E-45
rs844124	11313_100	P61457	PCBD1	Cholelithiasis	0.823	0.045	0.063	0.468	1.05 (0.93,1.18)	0.006	6.95E-07	TRUE	6.67E-47
rs844124	11313_100	P61457	PCBD1	Chronic gastritis (Atrophic gastritis)	0.859	0.100	0.130	0.441	1.11 (0.86,1.43)	0.006	8.40E-07	TRUE	1.26E-46
rs844124	11313_100	P61457	PCBD1	Cholecystitis	0.880	0.145	0.149	0.330	1.16 (0.86,1.55)	0.006	1.31E-06	TRUE	1.99E-46
rs844124	11313_100	P61457	PCBD1	Acute gastritis	0.939	-0.482	0.209	0.021	0.62 (0.41,0.93)	0.006	7.60E-06	TRUE	1.63E-44
rs844124	11313_100	P61457	PCBD1	Gastric ulcer	0.967	-0.009	0.125	0.940	0.99 (0.78,1.27)	0.006	8.27E-09	TRUE	1.55E-47
rs844124	11313_100	P61457	PCBD1	Irritable bowel syndrome	0.924	0.126	0.105	0.230	1.13 (0.92,1.39)	0.006	2.21E-06	TRUE	8.65E-46
rs844124	11313_100	P61457	PCBD1	Diverticular disease	1.000	0.002	0.059	0.979	1.00 (0.89,1.12)	0.006	1.36E-09	TRUE	1.33E-47
rs844124	11313_100	P61457	PCBD1	Cirrhosis	1.000	0.043	0.150	0.775	1.04 (0.78,1.40)	0.006	1.07E-07	TRUE	1.65E-47
rs575280	4459_68	Q16549	PCSK7	Chronic gastritis (Atrophic gastritis)	0.704	-0.110	0.060	0.066	0.90 (0.80,1.01)	0.025	4.76E-06	TRUE	6.47E-187
rs575280	4459_68	Q16549	PCSK7	Cholecystitis	0.880	-0.069	0.070	0.319	0.93 (0.81,1.07)	0.025	1.36E-06	TRUE	1.49E-189
rs575280	4459_68	Q16549	PCSK7	Cholelithiasis	0.947	-0.005	0.029	0.863	0.99 (0.94,1.05)	0.025	4.04E-08	TRUE	2.51E-192
rs575280	4459_68	Q16549	PCSK7	Gastroesophageal reflux disease	0.959	0.003	0.031	0.928	1.00 (0.94,1.07)	0.025	1.04E-08	TRUE	4.54E-192
rs575280	4459_68	Q16549	PCSK7	Acute gastritis	0.964	0.025	0.098	0.798	1.03 (0.85,1.24)	0.025	9.35E-08	TRUE	3.08E-191
rs575280	4459_68	Q16549	PCSK7	Gastric ulcer	0.967	-0.006	0.059	0.924	0.99 (0.89,1.12)	0.025	1.33E-08	TRUE	1.39E-191
rs575280	4459_68	Q16549	PCSK7	Nonalcoholic fatty liver disease	0.981	-0.055	0.093	0.558	0.95 (0.79,1.14)	0.025	4.41E-07	TRUE	2.71E-191
rs575280	4459_68	Q16549	PCSK7	Cirrhosis	1.000	0.050	0.071	0.480	1.05 (0.92,1.21)	0.025	6.41E-07	TRUE	5.53E-191
rs575280	4459_68	Q16549	PCSK7	Irritable bowel syndrome	0.993	0.009	0.050	0.854	1.01 (0.92,1.11)	0.025	5.08E-08	TRUE	1.01E-190
rs575280	4459_68	Q16549	PCSK7	Diverticular disease	1.000	0.006	0.028	0.822	1.01 (0.95,1.06)	0.025	7.15E-08	TRUE	3.13E-191
rs748844	3216_2	P01833	PIGR	Gastric ulcer	0.886	0.061	0.103	0.554	1.06 (0.87,1.30)	0.008	5.05E-07	TRUE	1.77E-60
rs748844	3216_2	P01833	PIGR	Acute gastritis	0.939	0.219	0.173	0.205	1.25 (0.89,1.75)	0.008	2.30E-06	TRUE	1.88E-59
rs748844	3216_2	P01833	PIGR	Gastroesophageal reflux disease	0.894	-0.031	0.055	0.573	0.97 (0.87,1.08)	0.008	4.32E-07	TRUE	1.09E-60
rs748844	3216_2	P01833	PIGR	Chronic gastritis (Atrophic gastritis)	0.887	-0.042	0.107	0.693	0.96 (0.78,1.18)	0.008	2.19E-07	TRUE	7.42E-61
rs748844	3216_2	P01833	PIGR	Cholelithiasis	0.906	-0.018	0.051	0.722	0.98 (0.89,1.09)	0.008	1.67E-07	TRUE	3.60E-61
rs748844	3216_2	P01833	PIGR	Cholecystitis	0.942	0.085	0.122	0.487	1.09 (0.86,1.38)	0.008	6.59E-07	TRUE	1.75E-60
rs748844	3216_2	P01833	PIGR	Nonalcoholic fatty liver disease	0.981	0.133	0.164	0.417	1.14 (0.83,1.57)	0.008	8.50E-07	TRUE	1.64E-60
rs748844	3216_2	P01833	PIGR	Irritable bowel syndrome	0.993	0.082	0.087	0.345	1.09 (0.92,1.29)	0.008	1.37E-06	TRUE	1.08E-59
rs748844	3216_2	P01833	PIGR	Cirrhosis	1.000	-0.020	0.124	0.870	0.98 (0.77,1.25)	0.008	3.34E-08	TRUE	1.70E-61
rs748844	3216_2	P01833	PIGR	Diverticular disease	1.000	0.020	0.049	0.679	1.02 (0.93,1.12)	0.008	2.48E-07	TRUE	9.25E-61
rs2020921	2212_69	P00750	PLAT	Gastric ulcer	0.708	0.130	0.101	0.199	1.14 (0.93,1.39)	0.018	2.38E-06	TRUE	1.37E-134
rs2020921	2212_69	P00750	PLAT	Cholelithiasis	0.713	-0.064	0.054	0.234	0.94 (0.84,1.04)	0.018	1.83E-06	TRUE	1.24E-135
rs2020921	2212_69	P00750	PLAT	Gastroesophageal reflux disease	0.773	0.047	0.056	0.400	1.05 (0.94,1.17)	0.018	9.71E-07	TRUE	5.17E-136
rs2020921	2212_69	P00750	PLAT	Irritable bowel syndrome	0.798	0.123	0.088	0.162	1.13 (0.95,1.34)	0.018	2.99E-06	TRUE	8.44E-134
rs2020921	2212_69	P00750	PLAT	Acute gastritis	0.939	-0.334	0.176	0.057	0.72 (0.51,1.01)	0.018	5.16E-06	TRUE	3.18E-133
rs2020921	2212_69	P00750	PLAT	Chronic gastritis (Atrophic gastritis)	0.978	0.030	0.134	0.825	1.03 (0.79,1.34)	0.018	6.96E-08	TRUE	2.93E-137
rs2020921	2212_69	P00750	PLAT	Nonalcoholic fatty liver disease	0.981	-0.051	0.159	0.750	0.95 (0.70,1.30)	0.018	1.31E-07	TRUE	1.19E-137
rs2020921	2212_69	P00750	PLAT	Cholecystitis	0.983	0.045	0.122	0.712	1.05 (0.82,1.33)	0.018	1.87E-07	TRUE	4.16E-137
rs2020921	2212_69	P00750	PLAT	Cirrhosis	1.000	-0.064	0.121	0.595	0.94 (0.74,1.19)	0.018	3.63E-07	TRUE	3.53E-137
rs2020921	2212_69	P00750	PLAT	Diverticular disease	1.000	0.007	0.046	0.881	1.01 (0.92,1.10)	0.018	3.23E-08	TRUE	2.67E-137
rs9532075	3457_57	Q15063	POSTN	Cholecystitis	0.717	0.140	0.098	0.151	1.15 (0.95,1.39)	0.013	2.82E-06	TRUE	1.42E-93
rs9532075	3457_57	Q15063	POSTN	Gastric ulcer	0.741	-0.086	0.083	0.295	0.92 (0.78,1.08)	0.013	1.58E-06	TRUE	4.68E-94
rs9532075	3457_57	Q15063	POSTN	Cholelithiasis	0.947	0.005	0.041	0.902	1.01 (0.93,1.09)	0.013	2.03E-08	TRUE	2.28E-96
rs9532075	3457_57	Q15063	POSTN	Acute gastritis	0.964	-0.017	0.137	0.903	0.98 (0.75,1.29)	0.013	2.08E-08	TRUE	6.01E-96
rs9532075	3457_57	Q15063	POSTN	Gastroesophageal reflux disease	0.990	0.001	0.044	0.990	1.00 (0.92,1.09)	0.013	3.92E-10	TRUE	2.50E-96
rs9532075	3457_57	Q15063	POSTN	Chronic gastritis (Atrophic gastritis)	0.993	-0.003	0.084	0.968	1.00 (0.85,1.17)	0.013	2.52E-09	TRUE	3.82E-96
rs9532075	3457_57	Q15063	POSTN	Irritable bowel syndrome	0.993	0.021	0.069	0.765	1.02 (0.89,1.17)	0.013	1.40E-07	TRUE	3.23E-95
rs9532075	3457_57	Q15063	POSTN	Nonalcoholic fatty liver disease	0.998	-0.001	0.131	0.997	1.00 (0.77,1.29)	0.013	3.56E-11	TRUE	1.25E-96
rs9532075	3457_57	Q15063	POSTN	Diverticular disease	1.000	0.015	0.039	0.700	1.02 (0.94,1.10)	0.013	2.21E-07	TRUE	2.34E-95
rs9532075	3457_57	Q15063	POSTN	Cirrhosis	1.000	0.048	0.099	0.629	1.05 (0.86,1.27)	0.013	3.00E-07	TRUE	9.93E-96
rs2229437	5722_78	P42785	PRCP	Gastroesophageal reflux disease	0.773	0.039	0.048	0.425	1.04 (0.95,1.14)	0.010	8.63E-07	TRUE	7.20E-78
rs2229437	5722_78	P42785	PRCP	Chronic gastritis (Atrophic gastritis)	0.859	-0.080	0.096	0.401	0.92 (0.77,1.11)	0.010	1.00E-06	TRUE	1.19E-77
rs2229437	5722_78	P42785	PRCP	Gastric ulcer	0.849	0.077	0.091	0.400	1.08 (0.90,1.29)	0.010	1.02E-06	TRUE	1.46E-77
rs2229437	5722_78	P42785	PRCP	Cholecystitis	0.942	-0.088	0.108	0.413	0.92 (0.74,1.13)	0.010	9.17E-07	TRUE	8.02E-78
rs2229437	5722_78	P42785	PRCP	Cholelithiasis	0.906	-0.015	0.045	0.736	0.98 (0.90,1.08)	0.010	1.42E-07	TRUE	6.76E-79
rs2229437	5722_78	P42785	PRCP	Diverticular disease	0.939	0.033	0.043	0.440	1.03 (0.95,1.12)	0.010	8.68E-07	TRUE	1.10E-77
rs2229437	5722_78	P42785	PRCP	Acute gastritis	0.964	0.106	0.152	0.487	1.11 (0.82,1.50)	0.010	6.83E-07	TRUE	7.00E-78
rs2229437	5722_78	P42785	PRCP	Nonalcoholic fatty liver disease	0.981	-0.113	0.144	0.431	0.89 (0.67,1.18)	0.010	7.97E-07	TRUE	3.81E-78
rs2229437	5722_78	P42785	PRCP	Irritable bowel syndrome	0.993	0.019	0.077	0.804	1.02 (0.88,1.18)	0.010	9.34E-08	TRUE	2.23E-78
rs2229437	5722_78	P42785	PRCP	Cirrhosis	1.000	-0.016	0.109	0.885	0.98 (0.79,1.22)	0.010	2.62E-08	TRUE	2.97E-79
rs11064432	19241_31	P82980	RBP5	Diverticular disease	0.208	-0.338	0.134	0.012	0.71 (0.55,0.93)	0.001	9.12E-06	TRUE	5.64E-08
rs11064432	19241_31	P82980	RBP5	Cholecystitis	0.592	0.602	0.337	0.074	1.83 (0.94,3.54)	0.001	4.37E-06	TRUE	2.05E-08
rs11064432	19241_31	P82980	RBP5	Gastric ulcer	0.708	0.394	0.286	0.169	1.48 (0.85,2.60)	0.001	2.73E-06	TRUE	1.34E-08
rs11064432	19241_31	P82980	RBP5	Nonalcoholic fatty liver disease	0.819	-0.508	0.447	0.256	0.60 (0.25,1.45)	0.001	1.66E-06	TRUE	8.23E-09
rs11064432	19241_31	P82980	RBP5	Chronic gastritis (Atrophic gastritis)	0.859	0.235	0.297	0.430	1.26 (0.71,2.26)	0.001	8.82E-07	TRUE	6.05E-09
rs11064432	19241_31	P82980	RBP5	Cholelithiasis	0.846	0.075	0.142	0.597	1.08 (0.82,1.42)	0.001	3.60E-07	TRUE	3.88E-09
rs11064432	19241_31	P82980	RBP5	Gastroesophageal reflux disease	0.882	-0.090	0.151	0.551	0.91 (0.68,1.23)	0.001	4.91E-07	TRUE	4.53E-09
rs11064432	19241_31	P82980	RBP5	Acute gastritis	0.964	0.215	0.475	0.652	1.24 (0.49,3.15)	0.001	2.90E-07	TRUE	3.91E-09
rs11064432	19241_31	P82980	RBP5	Irritable bowel syndrome	0.993	-0.232	0.239	0.333	0.79 (0.50,1.27)	0.001	1.44E-06	TRUE	8.65E-09
rs11064432	19241_31	P82980	RBP5	Cirrhosis	1.000	0.177	0.342	0.606	1.19 (0.61,2.34)	0.001	3.42E-07	TRUE	3.78E-09
rs2795496	3220_40	P07949	RET	Diverticular disease	0.280	0.056	0.026	0.035	1.06 (1.00,1.11)	0.025	6.39E-06	TRUE	6.18E-186
rs2795496	3220_40	P07949	RET	Nonalcoholic fatty liver disease	0.629	0.139	0.089	0.118	1.15 (0.97,1.37)	0.025	3.13E-06	TRUE	1.09E-188
rs2795496	3220_40	P07949	RET	Cholelithiasis	0.664	-0.037	0.028	0.197	0.96 (0.91,1.02)	0.025	2.17E-06	TRUE	2.54E-189
rs2795496	3220_40	P07949	RET	Gastric ulcer	0.708	0.072	0.056	0.198	1.08 (0.96,1.20)	0.025	2.38E-06	TRUE	3.18E-188
rs2795496	3220_40	P07949	RET	Cholecystitis	0.717	-0.092	0.067	0.168	0.91 (0.80,1.04)	0.025	2.61E-06	TRUE	1.71E-188
rs2795496	3220_40	P07949	RET	Cirrhosis	0.798	0.101	0.068	0.134	1.11 (0.97,1.26)	0.025	2.89E-06	TRUE	7.23E-189
rs2795496	3220_40	P07949	RET	Irritable bowel syndrome	0.798	0.067	0.047	0.158	1.07 (0.97,1.17)	0.025	3.06E-06	TRUE	3.72E-187
rs2795496	3220_40	P07949	RET	Chronic gastritis (Atrophic gastritis)	0.859	0.040	0.060	0.505	1.04 (0.93,1.17)	0.025	6.31E-07	TRUE	3.62E-190
rs2795496	3220_40	P07949	RET	Acute gastritis	0.964	-0.091	0.095	0.337	0.91 (0.76,1.10)	0.025	1.32E-06	TRUE	2.94E-189
rs2795496	3220_40	P07949	RET	Gastroesophageal reflux disease	0.937	-0.014	0.030	0.644	0.99 (0.93,1.05)	0.025	2.95E-07	TRUE	5.01E-191
rs175206	5105_2	Q9BZR6	RTN4R	Chronic gastritis (Atrophic gastritis)	0.589	0.119	0.060	0.046	1.13 (1.00,1.27)	0.025	5.61E-06	TRUE	1.76E-186
rs175206	5105_2	Q9BZR6	RTN4R	Irritable bowel syndrome	0.725	0.108	0.048	0.026	1.11 (1.01,1.23)	0.025	7.61E-06	TRUE	8.23E-185
rs175206	5105_2	Q9BZR6	RTN4R	Cirrhosis	0.883	0.078	0.070	0.262	1.08 (0.94,1.24)	0.025	1.61E-06	TRUE	7.10E-190
rs175206	5105_2	Q9BZR6	RTN4R	Gastroesophageal reflux disease	0.837	-0.020	0.031	0.505	0.98 (0.92,1.04)	0.025	6.15E-07	TRUE	1.85E-190
rs175206	5105_2	Q9BZR6	RTN4R	Gastric ulcer	0.849	0.040	0.058	0.491	1.04 (0.93,1.17)	0.025	6.90E-07	TRUE	6.76E-190
rs175206	5105_2	Q9BZR6	RTN4R	Cholelithiasis	0.918	0.008	0.029	0.796	1.01 (0.95,1.07)	0.025	9.12E-08	TRUE	4.36E-192
rs175206	5105_2	Q9BZR6	RTN4R	Acute gastritis	0.964	-0.014	0.097	0.888	0.99 (0.82,1.19)	0.025	2.90E-08	TRUE	1.48E-191
rs175206	5105_2	Q9BZR6	RTN4R	Nonalcoholic fatty liver disease	0.981	0.027	0.092	0.765	1.03 (0.86,1.23)	0.025	1.13E-07	TRUE	4.54E-192
rs175206	5105_2	Q9BZR6	RTN4R	Cholecystitis	0.983	0.034	0.069	0.615	1.04 (0.90,1.18)	0.025	3.43E-07	TRUE	6.44E-191
rs175206	5105_2	Q9BZR6	RTN4R	Diverticular disease	1.000	-0.005	0.027	0.851	0.99 (0.94,1.05)	0.025	4.87E-08	TRUE	2.43E-191
rs59096313	9211_19	P36955	SERPINF1	Diverticular disease	0.320	0.070	0.036	0.050	1.07 (1.00,1.15)	0.025	5.50E-06	TRUE	2.32E-186
rs59096313	9211_19	P36955	SERPINF1	Gastroesophageal reflux disease	0.643	0.049	0.036	0.172	1.05 (0.98,1.13)	0.025	2.57E-06	TRUE	1.56E-188
rs59096313	9211_19	P36955	SERPINF1	Cholelithiasis	0.823	-0.026	0.032	0.420	0.97 (0.91,1.04)	0.025	8.43E-07	TRUE	1.25E-190
rs59096313	9211_19	P36955	SERPINF1	Gastric ulcer	0.849	-0.057	0.071	0.425	0.94 (0.82,1.09)	0.025	9.22E-07	TRUE	1.36E-189
rs59096313	9211_19	P36955	SERPINF1	Acute gastritis	0.964	0.077	0.111	0.489	1.08 (0.87,1.34)	0.025	6.82E-07	TRUE	5.18E-190
rs59096313	9211_19	P36955	SERPINF1	Nonalcoholic fatty liver disease	0.981	0.043	0.114	0.706	1.04 (0.84,1.30)	0.025	1.83E-07	TRUE	7.45E-192
rs59096313	9211_19	P36955	SERPINF1	Cirrhosis	1.000	0.066	0.086	0.444	1.07 (0.90,1.27)	0.025	7.52E-07	TRUE	7.95E-191
rs59096313	9211_19	P36955	SERPINF1	Chronic gastritis (Atrophic gastritis)	0.993	-0.004	0.057	0.943	1.00 (0.89,1.11)	0.025	7.71E-09	TRUE	7.80E-192
rs59096313	9211_19	P36955	SERPINF1	Irritable bowel syndrome	0.993	-0.042	0.057	0.462	0.96 (0.86,1.07)	0.025	8.28E-07	TRUE	4.08E-189
rs59096313	9211_19	P36955	SERPINF1	Cholecystitis	0.996	0.000	0.083	0.996	1.00 (0.85,1.18)	0.025	2.07E-11	TRUE	2.73E-192
rs858519	4929_55	P04278	SHBG	Diverticular disease	0.572	0.062	0.041	0.134	1.06 (0.98,1.15)	0.012	3.24E-06	TRUE	1.60E-87
rs858519	4929_55	P04278	SHBG	Gastroesophageal reflux disease	0.643	-0.067	0.046	0.144	0.93 (0.85,1.02)	0.012	2.91E-06	TRUE	7.11E-88
rs858519	4929_55	P04278	SHBG	Cholelithiasis	0.788	-0.045	0.044	0.304	0.96 (0.88,1.04)	0.012	1.38E-06	TRUE	6.02E-89
rs858519	4929_55	P04278	SHBG	Chronic gastritis (Atrophic gastritis)	0.843	0.134	0.091	0.142	1.14 (0.96,1.37)	0.012	3.05E-06	TRUE	1.09E-87
rs858519	4929_55	P04278	SHBG	Acute gastritis	0.939	-0.179	0.146	0.220	0.84 (0.63,1.11)	0.012	2.14E-06	TRUE	4.21E-88
rs858519	4929_55	P04278	SHBG	Gastric ulcer	0.953	-0.040	0.088	0.646	0.96 (0.81,1.14)	0.012	3.03E-07	TRUE	1.64E-89
rs858519	4929_55	P04278	SHBG	Nonalcoholic fatty liver disease	0.981	-0.112	0.138	0.419	0.89 (0.68,1.17)	0.012	8.41E-07	TRUE	2.17E-89
rs858519	4929_55	P04278	SHBG	Cirrhosis	1.000	-0.077	0.105	0.465	0.93 (0.75,1.14)	0.012	6.78E-07	TRUE	1.51E-89
rs858519	4929_55	P04278	SHBG	Irritable bowel syndrome	0.993	-0.063	0.073	0.393	0.94 (0.81,1.08)	0.012	1.12E-06	TRUE	2.02E-88
rs858519	4929_55	P04278	SHBG	Cholecystitis	0.983	0.027	0.104	0.798	1.03 (0.84,1.26)	0.012	8.98E-08	TRUE	4.00E-90
rs2695234	5660_51	P08294	SOD3	Gastroesophageal reflux disease	0.643	-0.036	0.026	0.179	0.97 (0.92,1.02)	0.025	2.50E-06	TRUE	1.38E-188

Table S6. Association of putative type 2 diabetes-associated proteins in deCODE with gastrointestinal diseases.

Index SNP	SomaLogic	UniProt	Gene	GI outcomes	FDR *	b	se	pval	OR (95% CI)	snp_r2.exposure	snp_r2.outcome	correct_causal_direction	steiger_pval
rs2695234	5660_51	P08294	SOD3	Diverticular disease	0.649	0.032	0.024	0.176	1.03 (0.99,1.08)	0.025	2.62E-06	TRUE	4.70E-188
rs2695234	5660_51	P08294	SOD3	Irritable bowel syndrome	0.798	-0.072	0.042	0.088	0.93 (0.86,1.01)	0.025	4.48E-06	TRUE	2.65E-186
rs2695234	5660_51	P08294	SOD3	Chronic gastritis (Atrophic gastritis)	0.881	-0.025	0.050	0.613	0.97 (0.88,1.08)	0.025	3.61E-07	TRUE	1.26E-190
rs2695234	5660_51	P08294	SOD3	Cholelithiasis	0.923	0.006	0.025	0.822	1.01 (0.96,1.06)	0.025	6.59E-08	TRUE	3.40E-192
rs2695234	5660_51	P08294	SOD3	Acute gastritis	0.964	0.018	0.083	0.831	1.02 (0.86,1.20)	0.025	6.53E-08	TRUE	2.35E-191
rs2695234	5660_51	P08294	SOD3	Gastric ulcer	0.967	-0.003	0.050	0.956	1.00 (0.90,1.10)	0.025	4.23E-09	TRUE	1.06E-191
rs2695234	5660_51	P08294	SOD3	Nonalcoholic fatty liver disease	0.981	-0.021	0.079	0.787	0.98 (0.84,1.14)	0.025	9.38E-08	TRUE	3.85E-192
rs2695234	5660_51	P08294	SOD3	Cirrhosis	1.000	-0.052	0.061	0.387	0.95 (0.84,1.07)	0.025	9.61E-07	TRUE	1.47E-190
rs2695234	5660_51	P08294	SOD3	Cholecystitis	0.983	0.021	0.059	0.727	1.02 (0.91,1.15)	0.025	1.67E-07	TRUE	2.47E-191
rs72722045	15447_45	Q00796	SORD	Cirrhosis	0.304	-0.213	0.088	0.016	0.81 (0.68,0.96)	0.019	7.48E-06	TRUE	4.04E-141
rs72722045	15447_45	Q00796	SORD	Gastroesophageal reflux disease	0.643	0.058	0.039	0.134	1.06 (0.98,1.14)	0.019	3.05E-06	TRUE	1.04E-142
rs72722045	15447_45	Q00796	SORD	Cholelithiasis	0.821	-0.031	0.036	0.385	0.97 (0.90,1.04)	0.019	9.77E-07	TRUE	1.25E-144
rs72722045	15447_45	Q00796	SORD	Gastric ulcer	0.876	0.046	0.073	0.534	1.05 (0.91,1.21)	0.019	5.62E-07	TRUE	2.09E-144
rs72722045	15447_45	Q00796	SORD	Chronic gastritis (Atrophic gastritis)	0.881	-0.037	0.074	0.615	0.96 (0.83,1.11)	0.019	3.54E-07	TRUE	7.26E-145
rs72722045	15447_45	Q00796	SORD	Acute gastritis	0.964	0.031	0.122	0.798	1.03 (0.81,1.31)	0.019	9.24E-08	TRUE	2.11E-145
rs72722045	15447_45	Q00796	SORD	Nonalcoholic fatty liver disease	0.981	-0.070	0.116	0.543	0.93 (0.74,1.17)	0.019	4.75E-07	TRUE	2.72E-145
rs72722045	15447_45	Q00796	SORD	Irritable bowel syndrome	0.993	0.068	0.061	0.264	1.07 (0.95,1.21)	0.019	1.90E-06	TRUE	1.13E-142
rs72722045	15447_45	Q00796	SORD	Cholecystitis	0.983	-0.042	0.087	0.629	0.96 (0.81,1.14)	0.019	3.19E-07	TRUE	4.01E-145
rs72722045	15447_45	Q00796	SORD	Diverticular disease	1.000	-0.012	0.035	0.734	0.99 (0.92,1.06)	0.019	1.64E-07	TRUE	4.03E-145
rs212100	9829_91	Q06520	SULT2A1	Gastric ulcer	0.715	-0.112	0.094	0.236	0.89 (0.74,1.08)	0.011	2.04E-06	TRUE	1.54E-81
rs212100	9829_91	Q06520	SULT2A1	Cirrhosis	0.873	-0.136	0.113	0.232	0.87 (0.70,1.09)	0.011	1.84E-06	TRUE	4.39E-82
rs212100	9829_91	Q06520	SULT2A1	Chronic gastritis (Atrophic gastritis)	0.906	-0.035	0.098	0.722	0.97 (0.80,1.17)	0.011	1.79E-07	TRUE	3.62E-83
rs212100	9829_91	Q06520	SULT2A1	Gastroesophageal reflux disease	0.959	-0.017	0.050	0.727	0.98 (0.89,1.08)	0.011	1.66E-07	TRUE	2.62E-83
rs212100	9829_91	Q06520	SULT2A1	Acute gastritis	0.981	-0.004	0.157	0.981	1.00 (0.73,1.36)	0.011	8.68E-10	TRUE	9.64E-84
rs212100	9829_91	Q06520	SULT2A1	Nonalcoholic fatty liver disease	0.981	0.079	0.149	0.597	1.08 (0.81,1.45)	0.011	3.60E-07	TRUE	3.03E-83
rs212100	9829_91	Q06520	SULT2A1	Irritable bowel syndrome	0.993	-0.021	0.079	0.793	0.98 (0.84,1.14)	0.011	1.05E-07	TRUE	5.54E-83
rs212100	9829_91	Q06520	SULT2A1	Diverticular disease	1.000	-0.007	0.044	0.882	0.99 (0.91,1.08)	0.011	3.16E-08	TRUE	1.80E-83
rs59178722	3009_3	Q03167	TGFBR3	Gastroesophageal reflux disease	0.643	0.121	0.084	0.152	1.13 (0.96,1.33)	0.003	2.78E-06	TRUE	3.77E-24
rs59178722	3009_3	Q03167	TGFBR3	Cholelithiasis	0.788	0.080	0.080	0.317	1.08 (0.93,1.27)	0.003	1.30E-06	TRUE	1.21E-24
rs59178722	3009_3	Q03167	TGFBR3	Cirrhosis	0.873	0.233	0.192	0.224	1.26 (0.87,1.84)	0.003	1.88E-06	TRUE	1.84E-24
rs59178722	3009_3	Q03167	TGFBR3	Chronic gastritis (Atrophic gastritis)	0.843	0.212	0.159	0.183	1.24 (0.90,1.69)	0.003	2.50E-06	TRUE	3.43E-24
rs59178722	3009_3	Q03167	TGFBR3	Gastric ulcer	0.849	0.114	0.161	0.479	1.12 (0.82,1.54)	0.003	7.30E-07	TRUE	9.13E-25
rs59178722	3009_3	Q03167	TGFBR3	Diverticular disease	0.939	-0.066	0.077	0.388	0.94 (0.81,1.09)	0.003	1.08E-06	TRUE	1.29E-24
rs59178722	3009_3	Q03167	TGFBR3	Acute gastritis	0.964	0.191	0.267	0.474	1.21 (0.72,2.04)	0.003	7.30E-07	TRUE	8.87E-25
rs59178722	3009_3	Q03167	TGFBR3	Nonalcoholic fatty liver disease	0.981	0.121	0.255	0.636	1.13 (0.68,1.86)	0.003	2.89E-07	TRUE	3.74E-25
rs59178722	3009_3	Q03167	TGFBR3	Irritable bowel syndrome	0.993	0.129	0.134	0.338	1.14 (0.87,1.48)	0.003	1.41E-06	TRUE	2.04E-24
rs59178722	3009_3	Q03167	TGFBR3	Cholecystitis	0.983	0.042	0.190	0.824	1.04 (0.72,1.51)	0.003	6.63E-08	TRUE	2.56E-25
rs35894069	5939_42	O43508	TNFSF12	Gastroesophageal reflux disease	0.773	-0.026	0.031	0.406	0.97 (0.92,1.04)	0.025	9.35E-07	TRUE	5.00E-190
rs35894069	5939_42	O43508	TNFSF12	Acute gastritis	0.939	-0.126	0.100	0.207	0.88 (0.73,1.07)	0.025	2.27E-06	TRUE	2.06E-188
rs35894069	5939_42	O43508	TNFSF12	Cholelithiasis	0.884	0.014	0.030	0.649	1.01 (0.96,1.07)	0.025	2.78E-07	TRUE	1.49E-191
rs35894069	5939_42	O43508	TNFSF12	Chronic gastritis (Atrophic gastritis)	0.887	0.025	0.062	0.689	1.03 (0.91,1.16)	0.025	2.25E-07	TRUE	6.36E-191
rs35894069	5939_42	O43508	TNFSF12	Gastric ulcer	0.953	-0.030	0.059	0.619	0.97 (0.86,1.09)	0.025	3.60E-07	TRUE	1.94E-190
rs35894069	5939_42	O43508	TNFSF12	Nonalcoholic fatty liver disease	0.981	-0.016	0.094	0.866	0.98 (0.82,1.18)	0.025	3.77E-08	TRUE	2.09E-192
rs35894069	5939_42	O43508	TNFSF12	Irritable bowel syndrome	0.993	0.031	0.050	0.539	1.03 (0.93,1.14)	0.025	5.81E-07	TRUE	1.84E-189
rs35894069	5939_42	O43508	TNFSF12	Cholecystitis	0.996	0.006	0.070	0.936	1.01 (0.88,1.15)	0.025	8.51E-09	TRUE	4.40E-192
rs35894069	5939_42	O43508	TNFSF12	Cirrhosis	1.000	-0.004	0.071	0.958	1.00 (0.87,1.15)	0.025	3.85E-09	TRUE	9.84E-193
rs4794183	3235_50	Q8TEU8	WFIKKN2	Gastroesophageal reflux disease	0.128	0.068	0.023	0.003	1.07 (1.02,1.12)	0.025	1.20E-05	TRUE	3.43E-184
rs4794183	3235_50	Q8TEU8	WFIKKN2	Cholecystitis	0.717	0.077	0.051	0.133	1.08 (0.98,1.19)	0.025	3.10E-06	TRUE	3.71E-188
rs4794183	3235_50	Q8TEU8	WFIKKN2	Diverticular disease	0.801	0.022	0.020	0.288	1.02 (0.98,1.06)	0.025	1.62E-06	TRUE	7.29E-189
rs4794183	3235_50	Q8TEU8	WFIKKN2	Chronic gastritis (Atrophic gastritis)	0.843	0.065	0.044	0.139	1.07 (0.98,1.16)	0.025	3.08E-06	TRUE	6.45E-188
rs4794183	3235_50	Q8TEU8	WFIKKN2	Cholelithiasis	0.918	-0.006	0.021	0.784	0.99 (0.95,1.04)	0.025	9.28E-08	TRUE	4.42E-192
rs4794183	3235_50	Q8TEU8	WFIKKN2	Gastric ulcer	0.967	-0.008	0.043	0.846	0.99 (0.91,1.08)	0.025	5.36E-08	TRUE	2.62E-191
rs4794183	3235_50	Q8TEU8	WFIKKN2	Acute gastritis	0.964	0.006	0.072	0.932	1.01 (0.87,1.16)	0.025	1.02E-08	TRUE	1.01E-191
rs4794183	3235_50	Q8TEU8	WFIKKN2	Nonalcoholic fatty liver disease	0.981	0.037	0.069	0.586	1.04 (0.91,1.19)	0.025	3.80E-07	TRUE	2.09E-191
rs4794183	3235_50	Q8TEU8	WFIKKN2	Irritable bowel syndrome	0.993	0.031	0.036	0.386	1.03 (0.96,1.11)	0.025	1.16E-06	TRUE	9.98E-189
rs4794183	3235_50	Q8TEU8	WFIKKN2	Cirrhosis	1.000	-0.016	0.052	0.764	0.98 (0.89,1.09)	0.025	1.16E-07	TRUE	4.51E-192

* False discovery rate (FDR) based on Benjamini-Hochberg approach and performed by each gastrointestinal outcomes.

Table S7. Association of putative type 2 diabetes-associated proteins in UKB-PPP with gastrointestinal diseases.

Index SNP	**Gene**	**UniProt**	**OID**	**GI outcomes**	**b**	**se**	**pval**	**OR (95% CI)**	**snp_r2.exp**	**snp_r2.out**	**correct_ca**	**steiger_pval**
rs1614972	ADH1B	P00325	OID30612	Cirrhosis	0.595	0.408	0.145	1.81 (0.82,4.03)	0.001	2.71E-06	TRUE	1.53E-07
rs75045569	EPHA1	P21709	OID20677	Cholecystitis	0.044	0.091	0.629	1.05 (0.87,1.25)	0.014	3.20E-07	TRUE	1.52E-159
rs34356500	GUSB	P08236	OID20296	Nonalcoholic fatty liver disease	0.742	0.189	8.61E-05	2.10 (1.45,3.04)	0.006	1.98E-05	TRUE	1.20E-57
rs11809759	INSL5	Q9Y5Q6	OID31448	Gastric ulcer	-0.300	0.083	3.18E-04	0.74 (0.63,0.87)	0.011	1.88E-05	TRUE	2.39E-111
rs3761077	NCAN	O14594	OID21055	Nonalcoholic fatty liver disease	-1.195	0.155	1.07E-14	0.30 (0.22,0.41)	0.008	7.67E-05	TRUE	5.77E-79
rs3761077	NCAN	O14594	OID21055	Cirrhosis	-0.737	0.121	1.09E-09	0.48 (0.38,0.61)	0.008	4.76E-05	TRUE	1.93E-82
rs212100	SULT2A1	Q06520	OID20508	Cholelithiasis	0.383	0.027	1.28E-45	1.47 (1.39,1.55)	0.017	0.000262	TRUE	9.48E-145
rs212100	SULT2A1	Q06520	OID20508	Cholecystitis	0.209	0.062	8.03E-04	1.23 (1.09,1.39)	0.017	1.54E-05	TRUE	1.78E-176
rs4968200	TNFSF12	O43508	OID20624	Diverticular disease	0.140	0.032	1.08E-05	1.15 (1.08,1.22)	0.017	2.78E-05	TRUE	3.65E-172

CI, confidence interval; GI, gastrointestinal; OR, odd ratio.

Table S8. Association of putative type 2 diabetes-associated proteins in Fenland with gastrointestinal diseases.

Index SNP	SomaLogic	Gene	Protein	Description	GI outcomes	b	se	pval	OR (95% CI)	snp_r2.exp	snp_r2.out	correct_ca	steiger_pval
rs1229984	9834-62	ADH1B	ADH1B	Alcohol dehydrogenase 1B	Cirrhosis	1.249	0.319	8.96E-05	3.49 (1.87,6.51)	0.004	1.97E-05	TRUE	3.20E-10
rs1800759	8325-37	ADH4	ADH4	Alcohol dehydrogenase 4	Cholelithiasis	0.183	0.069	8.54E-03	1.20 (1.05,1.38)	0.006	8.85E-06	TRUE	4.89E-15
rs41277428	3431-54	EPHA1	EphA1	Ephrin type-A receptor 1	Cholecystitis	-0.015	0.024	0.542	0.99 (0.94,1.03)	0.082	5.11E-07	TRUE	1.11E-199
rs9530	15562-24	GUSB	BGLR	Beta-glucuronidase	Nonalcoholic fatty liver disease	0.582	0.159	2.51E-04	1.79 (1.31,2.44)	0.013	1.72E-05	TRUE	2.01E-29
rs11809759	10462-14	INSL5	INSL5	Insulin-like peptide INSL5	Gastric ulcer	-0.507	0.141	3.18E-04	0.60 (0.46,0.79)	0.005	1.88E-05	TRUE	1.23E-12
rs2228603	15573-110	NCAN	CSPG3	Neurocan core protein	Nonalcoholic fatty liver disease	-1.268	0.144	1.34E-18	0.28 (0.21,0.37)	0.014	9.93E-05	TRUE	3.02E-29
rs2228603	15573-110	NCAN	CSPG3	Neurocan core protein	Cirrhosis	-0.725	0.114	1.85E-10	0.48 (0.39,0.61)	0.014	5.21E-05	TRUE	1.20E-30
rs10426201	9829-91	SULT2A1	SULT 2A1	Bile salt sulfotransferase	Cholelithiasis	0.497	0.039	1.28E-36	1.64 (1.52,1.77)	0.018	0.000208	TRUE	8.19E-36
rs10426201	9829-91	SULT2A1	SULT 2A1	Bile salt sulfotransferase	Cholecystitis	0.302	0.092	1.03E-03	1.35 (1.13,1.62)	0.018	1.48E-05	TRUE	5.68E-42
rs62061198	5939-42	TNFSF12	TWEAK	Tumor necrosis factor ligand superfamily member 12	Diverticular disease	0.046	0.018	8.55E-03	1.05 (1.01,1.08)	0.082	1.00E-05	TRUE	2.99E-196

CI, confidence interval; GI, gastrointestinal; OR, odd ratio.

Table S9. Colocalization analysis of identified protein-gastrointestinal pairs in deCODE, UKB-PPP, and Fenland.

					window ± 500kb						**window ± 1000kb**					
Database	**SomaLogic**	**Gene**	**UniProt**	**GI outcomes**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**
deCODE	9834_62	ADH1B	P00325	Cirrhosis	5991	7.42E-07	1.19E-06	3.29E-02	0.052	0.915	11147	6.53E-07	1.11E-06	0.026	0.043	0.931
deCODE	8325_37	ADH4	P08319	Cholelithiasis	5983	8.85E-34	3.70E-34	4.25E-01	0.177	0.397	11068	9.64E-34	5.03E-34	0.419	0.218	0.363
deCODE	4435_66	ENPP7	Q6UWV6	Cholelithiasis	6793	0	0	2.20E-03	0.981	0.017	12899	0	0	0.003	0.969	0.028
deCODE	3431_54	EPHA1	P21709	Cholecystitis	3167	0	0	0.777	0.207	0.016	6699	0	0	0.670	0.317	0.013
deCODE	15562_24	GUSB	P08236	Nonalcoholic fatty liver disease	5782	3.08E-104	1.47E-103	1.71E-01	0.813	0.017	11340	3.38E-104	1.78E-103	0.157	0.826	0.017
deCODE	10462_14	INSL5	Q9Y5Q6	Gastric ulcer	5033	1.46E-07	5.90E-08	1.69E-01	0.068	0.763	10053	1.12E-07	8.46E-08	0.129	0.097	0.774
deCODE	15573_110	NCAN	O14594	Cirrhosis	4665	3.66E-100	1.19E-86	3.07E-14	1.000	1.93E-07	10375	3.55E-100	1.25E-86	2.83E-14	1.000	1.91E-07
deCODE	15573_110	NCAN	O14594	Nonalcoholic fatty liver disease	4665	3.60E-103	1.18E-86	3.02E-17	0.992	0.008	10374	4.60E-103	1.24E-86	3.67E-17	0.991	0.009
deCODE	9829_91	SULT2A1	Q06520	Cholecystitis	6065	4.03E-82	2.17E-82	2.39E-01	0.128	0.633	10900	3.81E-82	3.75E-82	0.207	0.203	0.589
deCODE	9829_91	SULT2A1	Q06520	Cholelithiasis	6067	1.30E-122	1.16E-83	7.71E-42	0.006	0.994	10903	6.06E-123	8.80E-84	3.29E-42	0.004	0.996
deCODE	5939_42	TNFSF12	O43508	Diverticular disease	5059	0	0	2.96E-03	0.997	0.001	10354	0	0	0.004	0.996	0.001
Database	**OID**	**Gene**	**UniProt**	**Outcomes**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**
UKB-PPP	OID30612	ADH1B	P00325	Cirrhosis	4098	1.43E-33	1.77E-33	0.359319	0.446	0.195	8694	1.32E-33	1.97E-33	0.328	0.491	0.181
UKB-PPP	OID20677	EPHA1	P21709	Cholecystitis	2621	3.05E-165	6.35E-166	0.818744	0.171	0.011	4374	2.79E-165	9.05E-166	0.748	0.243	0.009
UKB-PPP	OID20296	GUSB	P08236	Nonalcoholic fatty liver disease	4968	3.76E-64	1.87E-63	4.37E-02	0.216	0.740	8665	3.68E-64	2.02E-63	0.043	0.234	0.723
UKB-PPP	OID31448	INSL5	Q9Y5Q6	Gastric ulcer	3783	3.46E-124	8.02E-125	0.170214	0.039	0.791	8647	2.65E-124	1.43E-124	0.130	0.069	0.800
UKB-PPP	OID21055	NCAN	O14594	Cirrhosis	3957	7.06E-109	2.30E-95	3.07E-14	1.000	4.78E-08	7922	6.27E-109	2.30E-95	0.000	1.000	4.25E-08
UKB-PPP	OID21055	NCAN	O14594	Nonalcoholic fatty liver disease	3957	6.78E-112	2.29E-95	2.95E-17	0.999	0.001	7922	7.96E-112	2.30E-95	0.000	0.999	0.001
UKB-PPP	OID20508	SULT2A1	Q06520	Cholecystitis	5172	1.58E-300	7.33E-301	0.206033	0.095	0.699	8618	1.46E-300	1.31E-300	0.190	0.171	0.638
UKB-PPP	OID20508	SULT2A1	Q06520	Cholelithiasis	5172	0.00E+00	2.94E-302	4.30E-42	0.003	0.997	8618	0	2.30E-302	0	0.002	0.998
UKB-PPP	OID20624	TNFSF12	O43508	Diverticular disease	4512	0.00E+00	0.00E+00	2.80E-03	0.997	4.85E-04	8024	0	0.E+00	0.003	0.996	0.001
Database	**SomaLogic**	**Gene**	**UniProt**	**Outcomes**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**	**nsnps**	**PP.H0.abf**	**PP.H1.abf**	**PP.H2.abf**	**PP.H3.abf**	**PP.H4.abf**
Fenland	9834_62	ADH1B	P00325	Cirrhosis	3772	4.97E-07	6.22E-07	2.92E-02	0.036	0.935	6433	4.94E-07	6.62E-07	0.029	0.038	0.933
Fenland	8325-37	ADH4	P08319	Cholelithiasis	3764	1.81E-10	3.95E-11	0.730824	0.159	0.110	6082	1.76E-10	4.47E-11	0.713	0.180	0.107
Fenland	3431-54	EPHA1	P21709	Cholecystitis	1612	0	0	0.887437	0.095	0.017	3888	0	0	0.818	0.166	0.016
Fenland	15562_24	GUSB	P08236	Nonalcoholic fatty liver disease	1874	1.53E-26	2.26E-26	9.09E-02	0.134	0.775	4645	1.11E-26	6.44E-26	0.064	0.373	0.562
Fenland	10462-14	INSL5	Q9Y5Q6	Gastric ulcer	3160	2.06E-09	5.54E-10	0.135	0.036	0.829	5793	2.03E-09	7.60E-10	0.134	0.049	0.817
Fenland	15573-110	NCAN	O14594	Cirrhosis	2333	1.24E-41	4.54E-28	2.73E-14	1.000	1.77E-07	5412	1.24E-41	4.55E-28	2.73E-14	1.000	1.77E-07
Fenland	15573-110	NCAN	O14594	Nonalcoholic fatty liver disease	2333	1.56E-44	4.50E-28	3.44E-17	0.992	0.008	5412	1.56E-44	4.52E-28	3.44E-17	0.992	0.008
Fenland	9829-91	SULT2A1	Q06520	Cholecystitis	3701	1.58E-39	4.61E-40	0.277111	0.080	0.643	6158	1.45E-39	8.79E-40	0.254	0.153	0.593
Fenland	9829_91	SULT2A1	Q06520	Cholelithiasis	3701	1.45E-79	2.30E-40	2.54E-41	0.039	0.961	6158	1.44E-79	2.28E-40	2.52E-41	0.039	0.961
Fenland	5939_42	TNFSF12	O43508	Diverticular disease	2727	0	4.9406564	3.31E-03	0.996	3.88E-04	5816	0	4.94065645	0.003	0.996	3.88E-04

Table S10. Mediation analysis of identified protein between type 2 diabetes and gastrointestinal diseases in deCODE, UKB-PPP, and Fenland.

Database	Index SNP	SomaLogic	UniProt	Gene	Outcomes	b (T2D-GI)	se (T2D-GI)	pval (T2D-GI)	b (T2D-protein)	se (T2D-protein)	pval (T2D-protein)	b (protein-GI)	se (protein-GI)	pval (protein-GI)	Mediation *	b_mediation	se_mediation	p_mediation	mediation proportion estimate	se_mediation proportion	Mediation proportion (95% CI)
deCODE	rs1229984	9834_62	P00325	ADH1B	Cirrhosis	0.111	0.046	0.015	0.067	0.014	9.32E-07	0.719	0.183	8.96E-05	Yes	0.048	0.016	0.002	0.429	0.140	42.92 (15.49,70.36)
deCODE	rs2602844	8325_37	P08319	ADH4	Cholelithiasis	0.077	0.021	3.12E-04	0.122	0.015	1.36E-15	0.229	0.067	0.001	Yes	0.028	0.009	0.002	0.362	0.115	36.19 (13.62,58.76)
deCODE	rs35246623	4435_66	Q6UWV6	ENPP7	Cholelithiasis	0.077	0.021	3.12E-04	0.077	0.013	2.18E-09	0.038	0.011	4.19E-04	Yes	0.003	0.001	0.003	0.038	0.013	3.79 (1.31,6.27)
deCODE	rs10952549	3431_54	P21709	EPHA1	Cholecystitis	0.099	0.029	0.001	0.051	0.013	7.01E-05	-0.140	0.043	0.001	No	NA	NA	NA	NA	NA	NA
deCODE	rs34356500	15562_24	P08236	GUSB	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	0.121	0.018	6.46E-12	0.654	0.167	8.61E-05	Yes	0.079	0.023	0.001	0.256	0.075	25.65 (10.87,40.42)
deCODE	rs11809759	10462_14	Q9Y5Q6	INSL5	Gastric ulcer	0.096	0.021	5.37E-06	0.038	0.012	0.001	-0.941	0.261	3.18E-04	No	NA	NA	NA	NA	NA	NA
deCODE	rs2228603	15573_110	O14594	NCAN	Cirrhosis	0.111	0.046	0.015	-0.057	0.017	0.001	-0.625	0.098	1.85E-10	Yes	0.035	0.012	0.003	0.318	0.109	31.78 (10.50,53.05)
deCODE	rs2228603	15573_110	O14594	NCAN	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	-0.057	0.017	0.001	-1.092	0.124	1.34E-18	Yes	0.062	0.020	0.002	0.201	0.065	20.13 (7.35,32.91)
deCODE	rs212100	9829_91	Q06520	SULT2A1	Cholecystitis	0.099	0.029	0.001	0.082	0.014	1.43E-08	0.374	0.111	0.001	Yes	0.031	0.011	0.004	0.309	0.107	30.91 (9.99,51.83)
deCODE	rs212100	9829_91	Q06520	SULT2A1	Cholelithiasis	0.077	0.021	3.12E-04	0.082	0.014	1.43E-08	0.683	0.048	1.28E-45	Yes	0.056	0.011	1.39E-07	0.728	0.138	72.79 (45.70,99.88)
deCODE	rs35894069	5939_42	O43508	TNFSF12	Diverticular disease	0.034	0.016	0.035	-0.047	0.013	3.57E-04	0.102	0.028	2.78E-04	No	NA	NA	NA	NA	NA	NA

Database	Index SNP	OID	UniProt	Gene	Outcomes	b (T2D-GI)	se (T2D-GI)	pval (T2D-GI)	b (T2D-protein)	se (T2D-protein)	pval (T2D-protein)	b (protein-GI)	se (protein-GI)	pval (protein-GI)	Mediation *	b_mediation	se_medediation	p_mediation	Proportion mediation estimate	se_proportion mediation	Mediation proportion (95% CI)
UKB-PPP	rs1614972	OID30612	P00325	ADH1B	Cirrhosis	0.111	0.046	0.015	0.093	0.017	1.02E-07	0.595	0.408	0.145	Yes	0.055	0.039	0.159	0.496	0.353	49.62 (0,118.75)
UKB-PPP	rs75045569	OID20677	P21709	EPHA1	Cholecystitis	0.099	0.029	0.001	0.032	0.015	0.028	0.044	0.091	0.629	Yes	0.001	0.003	0.637	0.014	0.031	1.44 (0,7.44)
UKB-PPP	rs34356500	OID20296	P08236	GUSB	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	0.092	0.021	1.53E-05	0.742	0.189	8.61E-05	Yes	0.068	0.023	0.004	0.221	0.076	22.13 (7.21,37.04)
UKB-PPP	rs11809759	OID31448	Q9Y5Q6	INSL5	Gastric ulcer	0.096	0.021	5.37E-06	0.073	0.018	6.11E-05	-0.300	0.083	3.18E-04	No	NA	NA	NA	NA	NA	NA
UKB-PPP	rs3761077	OID21055	O14594	NCAN	Cirrhosis	0.111	0.046	0.015	-0.090	0.021	2.88E-05	-0.737	0.121	1.09E-09	Yes	0.066	0.019	0.001	0.594	0.172	59.37 (25.63,93.12)
UKB-PPP	rs3761077	OID21055	O14594	NCAN	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	-0.090	0.021	2.88E-05	-1.195	0.155	1.07E-14	Yes	0.107	0.029	2.34E-04	0.349	0.095	34.90 (16.31,53.50)
UKB-PPP	rs212100	OID20508	Q06520	SULT2A1	Cholecystitis	0.099	0.029	0.001	0.067	0.015	1.20E-05	0.209	0.062	0.001	Yes	0.014	0.005	0.008	0.141	0.053	14.10 (3.72,24.49)
UKB-PPP	rs212100	OID20508	Q06520	SULT2A1	Cholelithiasis	0.077	0.021	3.12E-04	0.067	0.015	1.20E-05	0.383	0.027	1.28E-45	Yes	0.026	0.006	2.88E-05	0.332	0.079	33.24 (17.66,48.82)
UKB-PPP	rs4968200	OID20624	O43508	TNFSF12	Diverticular disease	0.034	0.016	0.035	-0.068	0.017	7.11E-05	0.140	0.032	1.08E-05	No	NA	NA	NA	NA	NA	NA

Database	Index SNP	SomaLogic	UniProt	Gene	Outcomes	b (T2D-GI)	se (T2D-GI)	pval (T2D-GI)	b (T2D-protein)	se (T2D-protein)	pval (T2D-protein)	b (protein-GI)	se (protein-GI)	pval (protein-GI)	Mediation *	b_mediation	se_mediation	p_mediation	Proportion mediation estimate	se_proportion mediation	Mediation proportion (95% CI)
Fenland	rs1229984	9834_62	P00325	ADH1B	Cirrhosis	0.111	0.046	0.015	0.041	0.019	0.027	1.249	0.319	8.96E-05	Yes	0.051	0.027	0.054	0.459	0.238	45.94 (0,92.64)
Fenland	rs1800759	8325_37	P08319	ADH4	Cholelithiasis	0.077	0.021	3.12E-04	0.099	0.022	6.85E-06	0.183	0.069	0.009	Yes	0.018	0.008	0.023	0.234	0.103	23.40 (3.20,43.61)
Fenland	rs41277428	3431_54	P21709	EPHA1	Cholecystitis	0.099	0.029	0.001	0.040	0.019	0.029	-0.015	0.024	0.542	No	NA	NA	NA	NA	NA	NA
Fenland	rs9530	15562_24	P08236	GUSB	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	0.107	0.023	5.39E-06	0.582	0.159	2.51E-04	Yes	0.062	0.022	0.004	0.202	0.071	20.19 (6.31,34.06)
Fenland	rs11809759	10462_14	Q9Y5Q6	INSL5	Gastric ulcer	0.096	0.021	5.37E-06	0.053	0.019	0.007	-0.507	0.141	3.18E-04	No	NA	NA	NA	NA	NA	NA
Fenland	rs2228603	15573_110	O14594	NCAN	Cirrhosis	0.111	0.046	0.015	-0.056	0.024	0.017	-0.725	0.114	1.85E-10	Yes	0.041	0.018	0.026	0.367	0.165	36.72 (4.41,69.03)
Fenland	rs2228603	15573_110	O14594	NCAN	Nonalcoholic fatty liver disease	0.307	0.060	2.94E-07	-0.056	0.024	0.017	-1.268	0.144	1.34E-18	Yes	0.072	0.031	0.022	0.233	0.101	23.28 (3.40,43.16)
Fenland	rs10426201	9829_91	Q06520	SULT2A1	Cholecystitis	0.099	0.029	0.001	0.055	0.021	0.009	0.302	0.092	0.001	Yes	0.017	0.008	0.041	0.168	0.082	16.79 (0.71,32.86)
Fenland	rs10426201	9829_91	Q06520	SULT2A1	Cholelithiasis	0.077	0.021	3.12E-04	0.055	0.021	0.009	0.497	0.039	1.28E-36	Yes	0.027	0.011	0.010	0.356	0.139	35.63 (8.40,62.86)
Fenland	rs62061198	5939_42	O43508	TNFSF12	Diverticular disease	0.034	0.016	0.035	-0.057	0.021	0.008	0.046	0.018	0.009	No	NA	NA	NA	NA	NA	NA

* Mediation effect exist or not.
se, standard error

Table S11. Appraisal of druggability.

Uniport	Gene	Target name	Pipeline	Drug name	Indication/associated conditions
Q06520	*SULT2A1*	Bile salt sulfotransferase	Approved	Abiraterone*	An antiandrogen used in the treatment of metastatic castration-resistant prostate cancer and metastatic high-risk castration-sensitive prostate cancer.
				Tamoxifen*	A selective estrogen receptor modulator used to treat estrogen receptor positive breast cancer, reduce the risk of invasive breast cancer following surgery, or reduce the risk of breast cancer in high-risk women.
				Prasterone*	A steroid formulated as a vaginal insert indicated for the treatment of moderate to severe dyspareunia associated with menopausal vulvar and vaginal atrophy.
				Palbociclib*	An endocrine-based chemotherapeutic agent used in combination with other antineoplastic agents to treat HER2-negative and HR-positive advanced or metastatic breast cancer.
				Dehydroepiandrosterone (Launched) †	Menopause
			In clinical trials	Adenosine 3',5'-diphosphate*†	NA
				Aetiocholanolone *	NA
				Mercuric iodide *	NA
				Benfluralin (Phase 3) †	NA
				3-alpha-hydroxy-5-beta-androstan-17-one †	NA
			Preclinical	Propacetamol*	A paracetamol prodrug of intravenous administration used to control fever and pain of perioperative period in multimodal analgesia therapy.
P00325	*ADH1B*	Alcohol dehydrogenase 1B	Approved	NADH*	Some evidence suggests that NADH might be useful in treating Parkinson's disease, chronic fatigue syndrome, Alzheimer's disease and cardiovascular disease.
				Fomepizole*	An antidote for ethylene glycol (such as antifreeze) or methanol poisoning, or for use in suspected ethylene glycol or methanol ingestion, either alone or in combination with hemodialysis
				Glycerin*	A solvent, emollient, pharmaceutical agent, and sweetening agent.
				Ethanol*	For therapeutic neurolysis of nerves or ganglia for the relief of intractable chronic pain in such conditions as inoperable cancer and trigeminal neuralgia (tic douloureux), in patients for whom neurosurgical procedures are contraindicated.
			In clinical trials	N-Benzylformamide*	NA
				4-Iodopyrazole*	NA
				Cyclohexanol*	NA
				N-Heptylformamide*	NA
				Nicotinamide adenine dinucleotide phosphate*	NA
				Coenzyme-I (Phase 2) †	NA
P08319	*ADH4*	Alcohol dehydrogenase 4	Approved	NADH*	Some evidence suggests that NADH might be useful in treating Parkinson's disease, chronic fatigue syndrome, Alzheimer's disease and cardiovascular disease.
				Ethanol*	For therapeutic neurolysis of nerves or ganglia for the relief of intractable chronic pain in such conditions as inoperable cancer and trigeminal neuralgia (tic douloureux), in patients for whom neurosurgical procedures are contraindicated.
			In clinical trials	Cyclohexylformamide*	NA
				Coenzyme-I (Phase 2) †	NA
Q6UWV6	*ENPP7*	Ectonucleotide pyrophosphatase/phosphodiesterase family member 7	Druggable §	NA	NA
P21709	*EPHA1*	Ephrin type-A receptor 1	Approved	Fostamatinib*	Fostamatinib is a spleen tyrosine kinase inhibitor used to treat chronic immune thrombocytopenia after attempting one other treatment.
				Vandetanib †	Meduallary thyroid cancer (MTC)
Q9Y5Q6	*INSL5*	Insulin-like peptide INSL5	Not listed as druggable target §	NA	NA
O14594	*NCAN*	Neurocan core protein	Approved	Hyaluronic-acid †	Osteoarthritis, interstitial cystitis (IC)
P08236	*GUSB*	Beta-glucuronidase	Approved	Chondroitin sulfate*	Symptomatic treatment of Arthritis, backache, muscle pain, muscle ache.
				Tyropanoic acid *	For use in cholecystography (X-ray diagnosis/imaging of gallstones).
O43508	*TNFSF12*	Tumor necrosis factor ligand superfamily member 12	In clinical trials	RO-5458640 (Phase 1) †	Neoplasms
				BIIB-023 (Phase 2) †	Lupus Nephritis; Arthritis, Rheumatoid

* Identified in DrugBank
‡Identified in ChEMBL databases
† Identified in Connectivity Map
§ Identified in Dependency Map
NA, not available