

Supplementary Table SIII Tissue-specific independent cis-eQTLs in endometrium.

Signal_Type	Chromosome	Gene_ID	Gene_Symbol	SNP	SNP_BP	hg19_SNP_BP	Effect Allele	Beta	se	Pvalue
Primary	7	ENSG0000002726	AOCI	rs2888675	150844993	150542081	T	1.262	0.163	5.52E-13
Primary	7	ENSG00000005108	THSD7A	rs10216130	11522803	11562430	C	-0.677	0.102	3.52E-10
Primary	19	ENSG00000012124	CD22	rs10411704	35309759	35800662	T	-1.362	0.148	9.28E-17
Primary	16	ENSG00000015413	DPEP1	rs56164821	89606668	89673076	A	-0.626	0.099	1.69E-09
Primary	8	ENSG00000029534	ANK1	rs140702866	41632336	41489855	G	-2.079	0.300	7.08E-11
Primary	1	ENSG00000034971	MYOC	rs235866	171666864	171636004	C	-1.335	0.124	3.54E-21
Primary	2	ENSG00000068781	STON1-GTF2A1L	rs2140551	48595242	48822381	A	1.343	0.162	2.60E-14
Primary	18	ENSG00000079101	CLU1L1	rs1786127	587120	587120	T	-0.752	0.118	1.38E-09
Primary	19	ENSG00000105136	ZNF419	rs10221501	57495307	58006675	A	0.426	0.049	1.14E-15
Primary	11	ENSG00000110660	SLC35F2	rs537312	107784145	107654871	C	-0.264	0.041	1.20E-09
Primary	1	ENSG00000121769	FABP3	rs115552871	31330095	31802942	C	-2.205	0.335	4.85E-10
Primary	6	ENSG00000124588	NQO2	rs4149358	3003736	3003970	A	0.423	0.037	5.27E-23
Primary	11	ENSG00000131620	ANO1	rs7949333	70070640	69916746	C	0.447	0.070	1.75E-09
Primary	5	ENSG00000133710	SPINK5	rs10067434	148025899	147405462	T	-1.361	0.186	8.24E-12
Primary	6	ENSG00000137411	VARS2	rs2249464	30920384	30888161	C	0.229	0.029	2.37E-13
Primary	15	ENSG00000137825	ITPKA	rs116922776	41703122	41995320	A	3.127	0.464	1.92E-10
Primary	2	ENSG00000144488	ESPNL	rs12471185	238127296	239035937	G	-1.087	0.125	1.93E-15
Primary	11	ENSG00000149328	GLB1L2	rs10791356	134351953	134221847	G	-0.594	0.089	2.53E-10
Primary	3	ENSG00000151967	SCHIP1	rs13088856	159837169	159554958	T	0.435	0.049	5.15E-16
Primary	12	ENSG00000153179	RASSF3	rs12426110	64703518	65097298	G	-0.447	0.060	4.52E-12
Primary	5	ENSG00000154162	CDH12	rs11740896	22177378	22177487	C	2.105	0.191	5.41E-22
Primary	7	ENSG00000159860	TCAF2P1	rs12540107	143728285	143425378	T	0.514	0.066	4.34E-13
Primary	6	ENSG00000164440	TXLNB	rs12524691	139294816	139615953	T	-0.840	0.098	3.57E-15
Primary	11	ENSG00000165323	FAT3	rs114973944	92115661	91848827	T	-3.791	0.380	5.20E-19
Primary	19	ENSG00000171903	CYP4F11	rs12985091	15934939	16045749	G	2.074	0.162	2.82E-27
Primary	4	ENSG00000174227	PIGG	rs77516519	521454	515243	A	-0.267	0.041	5.26E-10
Primary	8	ENSG00000176406	RIMS2	rs10097034	103488759	104500987	C	-0.877	0.107	3.19E-14
Primary	11	ENSG00000184795	UNC93B5	rs58894895	67762473	67529944	C	3.018	0.457	4.06E-10
Primary	8	ENSG00000197140	ADAM32	rs11985898	39108494	38966013	A	0.456	0.044	3.49E-20
Primary	6	ENSG00000204525	HLA-C	rs1130838	31269347	31237124	C	-0.562	0.052	3.13E-21
Primary	7	ENSG00000207217	SNORA80D	rs10255418	6031225	6070856	C	1.036	0.109	1.15E-17
Primary	9	ENSG00000226721	EEF1DP2	rs10821027	92844801	95607083	C	0.421	0.054	3.75E-13
Primary	13	ENSG00000234685	NUS1P2	rs9580453	22870149	23444288	T	-1.075	0.126	5.30E-15
Primary	2	ENSG00000237651	C2orf74	rs11125869	61152398	61379533	A	-0.982	0.043	7.02E-56
Primary	4	ENSG00000248763	AC111000.2	rs114278164	69115280	69980998	G	1.874	0.149	1.33E-26

(Continued)

Supplementary Table SIII Continued.

Signal_Type	Chromosome	Gene_ID	Gene_Symbol	SNP	SNP_BP	hg19_SNP_BP	Effect Allele	Beta	se	Pvalue
Primary	5	ENSG00000253953	PCDHGB4	rs114223268	141375665	140755232	C	3.871	0.600	9.71E-10
Primary	17	ENSG00000259024	TVP23C-CDRT4	rs236815	15565130	15468444	C	-1.120	0.176	1.41E-09
Primary	8	ENSG000000261150	EPPK1	rs59265584	143876547	144950715	T	0.701	0.112	2.48E-09
Primary	6	ENSG00000263426	RN7SL47IP	rs114146785	28829320	28797097	A	-1.551	0.184	1.12E-14
Primary	10	ENSG00000271816	BMSIP4	rs10824031	73749515	75509273	T	0.526	0.081	7.55E-10
Primary	18	ENSG00000271982	SNORD58B	rs112025123	49466373	46992743	T	-0.733	0.097	1.69E-12
Primary	5	ENSG00000272674	PCDHB16	rs11741863	141175025	140554606	T	0.395	0.062	1.39E-09
Primary	7	ENSG00000272831	AC027644.3	rs7782418	66671294	66136281	C	-0.388	0.056	7.93E-11
Primary	18	ENSG00000274828	AC068473.5	rs2680752	79673717	77433717	C	0.466	0.040	1.01E-23
Primary	13	ENSG00000275202	ALI161421.1	rs8248	48975435	49549571	C	0.359	0.054	2.53E-10
Primary	7	ENSG00000277149	TYW1B	rs55931045	72737931	72202902	T	-0.924	0.033	5.62E-69
Primary	15	ENSG00000277782	AC068870.2	rs7172647	80992187	81284528	C	0.573	0.057	4.61E-19
Primary	17	ENSG00000278311	GGNBP2	rs12601380	36549144	34904985	A	-0.096	0.015	3.71E-10
Primary	11	ENSG00000278376	AP004609.3	rs526850	118734418	118605127	T	-0.476	0.057	1.92E-14
Primary	15	ENSG00000278662	GOLGA6L10	rs62012043	82227302	82519643	G	0.966	0.139	6.70E-11
Primary	17	ENSG00000278834	AC073508.3	rs1029792	40652689	38808941	T	0.262	0.028	1.50E-17
Primary	11	ENSG00000278879	AP000560.1	rs10899059	75035508	74746553	C	-0.967	0.100	3.35E-18
Primary	2	ENSG00000279267	AL078621.3	rs1448867	113684769	114442346	C	-0.420	0.049	3.10E-15
Primary	17	ENSG00000279602	AC109326.1	rs12942870	43154243	41306260	C	1.650	0.199	2.56E-14
Primary	16	ENSG00000279622	AC025280.2	rs1874010	84926818	84960424	C	-1.752	0.167	1.44E-20
Primary	11	ENSG00000279672	AP006621.5	rs4963153	791462	791462	G	-0.397	0.051	6.63E-13
Primary	6	ENSG00000280128	AL662795.2	rs4711213	30324559	30292336	C	0.285	0.043	4.20E-10
Primary	5	ENSG00000280187	AC022107.1	rs350099	69166129	68461956	T	0.254	0.039	5.15E-10
Primary	1	ENSG00000280670	CCDC163	rs10157597	45524606	45990278	A	-0.784	0.054	3.65E-32
Primary	4	ENSG00000281501	SEPSACS-AS1	rs60527077	25159917	25161539	G	1.794	0.139	1.12E-27
Primary	4	ENSG00000283050	GTF2IP12	rs10434028	119373309	120294464	T	-0.474	0.052	1.41E-16
Secondary	6	ENSG0000179344	H1A-DQB1	rs2105902	32427921	32395698	A	0.759	0.133	1.02E-08
Secondary	6	ENSG00000204525	H1A-C	rs9264419	31262360	31230137	G	0.472	0.069	8.06E-12
Secondary	7	ENSG00000207217	SNORA80D	rs12532895	6003755	6043386	G	1.045	0.177	3.61E-09
Secondary	6	ENSG00000232629	H1A-DQB2	rs1015575	32770338	32738115	G	0.632	0.113	2.35E-08
Secondary	18	ENSG00000274828	AC068473.5	rs472369	79696581	77456581	C	0.197	0.034	4.64E-09
Secondary	17	ENSG00000279602	AC109326.1	rs11656321	43362434	41439802	G	-0.696	0.114	1.19E-09
Secondary	16	ENSG00000279622	AC025280.2	rs9928433	84924808	84958414	A	-1.336	0.191	3.05E-12

Correlation (r_b) of endometrial eQTLs with 48 GTEx Tissues and eQTLGen blood eQTLs. Each tissue is grouped into a biological system and development lineage