

Supplementary Table SIV Transcriptome-wide significant genes associated with endometriosis.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000214199	2	106 697 331	106 698 676	5.495	3.90E-08	EEF1A1P12
ENSG00000144057	2	106 801 600	106 887 108	5.533	3.15E-08	ST6GAL2
ENSG00000187699	2	189 879 609	190 203 484	-4.808	1.52E-06	C2orf88
ENSG00000114933	2	205 993 721	206 086 303	4.767	1.87E-06	INO80D
ENSG00000134853	4	54 229 097	54 298 247	-11.049	0	PDGFRA
ENSG00000157404	4	54 657 918	54 740 715	-5.189	2.11E-07	KIT
ENSG00000128052	4	55 078 477	55 125 589	-5.047	4.48E-07	KDR
ENSG00000128039	4	55 346 109	55 373 096	-5.027	4.99E-07	SRD5A3
ENSG00000134851	4	55 395 957	55 453 397	-5.015	5.29E-07	TMEM165
ENSG00000134852	4	55 427 903	55 547 138	-5.001	5.72E-07	CLOCK
ENSG00000090989	4	55 853 616	55 905 034	-5.179	2.23E-07	EXOC1
ENSG00000174799	4	55 948 871	56 033 363	-5.202	1.98E-07	CEP135
ENSG00000109265	4	56 049 073	56 328 625	-4.911	9.06E-07	KIAA1211
ENSG00000109323	4	102 631 488	102 760 994	-6.170	6.81E-10	MANBA
ENSG00000230069	4	102 727 274	102 730 721	-6.289	3.19E-10	LRRC37A15P
ENSG00000248971	4	102 728 746	102 730 171	-6.280	3.37E-10	KRT8P46
ENSG00000109332	4	102 794 383	102 868 896	-6.200	5.66E-10	UBE2D3
ENSG00000246560	4	102 828 055	102 844 075	-6.113	9.79E-10	AC018797.2
ENSG00000145354	4	102 868 978	102 889 242	-6.090	1.13E-09	CISD2
ENSG00000164037	4	102 885 048	103 019 739	-5.778	7.56E-09	SLC9B1
ENSG00000174749	4	112 145 397	112 195 256	-4.818	1.45E-06	FAM241A
ENSG00000145414	4	163 110 073	163 166 921	-5.038	4.70E-07	NAFI
ENSG00000251141	5	44 744 900	44 808 777	4.817	1.46E-06	MRPS30-DT
ENSG00000112996	5	44 808 925	44 820 428	4.816	1.46E-06	MRPS30
ENSG00000272335	5	44 826 076	44 828 592	4.820	1.43E-06	AC093297.2
ENSG00000050748	5	180 233 143	180 292 099	5.087	3.64E-07	MAPK9
ENSG00000131459	5	180 300 690	180 353 387	5.091	3.56E-07	GFPT2
ENSG00000113300	5	180 494 412	180 578 405	5.076	3.86E-07	CNOT6
ENSG00000037280	5	180 601 506	180 649 624	5.083	3.72E-07	FLT4
ENSG00000131446	5	180 784 782	180 815 652	4.857	1.19E-06	MGAT1
ENSG00000278970	5	180 829 954	180 831 605	4.982	6.28E-07	HEIH
ENSG00000245060	5	180 830 957	180 835 726	4.996	5.84E-07	LINC00847
ENSG00000196670	5	180 847 611	180 861 285	5.206	1.93E-07	ZFP62
ENSG00000053328	6	110 245 928	110 358 272	4.832	1.35E-06	METTL24
ENSG00000203797	6	110 391 771	110 415 562	4.823	1.41E-06	DDO
ENSG00000010810	6	111 660 332	111 873 452	5.152	2.58E-07	FYN
ENSG00000074935	6	112 070 777	112 087 529	4.918	8.74E-07	TUBE1
ENSG00000203778	6	112 087 599	112 102 790	4.905	9.36E-07	FAM229B
ENSG00000112769	6	112 108 760	112 254 939	4.869	1.12E-06	LAMA4
ENSG00000112562	6	168 441 151	168 673 445	5.063	4.13E-07	SMOC2

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Supplementary Table SIV Continued.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000184465	6	169 457 212	169 702 048	5.245	1.56E-07	WDR27
ENSG00000185127	6	169 702 190	169 704 856	5.357	8.48E-08	C6orf120
ENSG00000130024	6	169 703 905	169 725 566	5.356	8.49E-08	PHF10
ENSG00000184786	6	169 740 114	169 751 587	5.314	1.07E-07	TCTE3
ENSG00000130023	6	169 751 622	169 781 584	5.294	1.20E-07	ERMARD
ENSG00000071994	6	170 575 295	170 584 692	4.922	8.58E-07	PDCD2
ENSG00000050344	7	26 152 240	26 187 125	5.043	4.59E-07	NFE2L3
ENSG00000122566	7	26 189 927	26 201 529	4.849	1.24E-06	HNRNPA2B1
ENSG00000122565	7	26 201 162	26 213 356	4.869	1.12E-06	CBX3
ENSG00000086300	7	26 291 895	26 374 329	4.665	3.08E-06	SNX10
ENSG00000122779	7	138 460 334	138 589 993	-6.357	2.06E-10	TRIM24
ENSG00000122778	7	138 831 381	138 981 318	-5.882	4.07E-09	KIAA1549
ENSG00000146858	7	139 025 706	139 036 029	-5.411	6.25E-08	ZC3HAV1L
ENSG00000105939	7	139 043 520	139 109 719	-5.122	3.03E-07	ZC3HAV1
ENSG00000105948	7	139 133 744	139 191 986	-5.057	4.26E-07	TTC26
ENSG00000157741	7	139 230 356	139 308 236	-5.110	3.22E-07	UBN2
ENSG00000164898	7	139 339 457	139 346 319	-5.071	3.95E-07	FMC1
ENSG00000146963	7	139 340 359	139 423 457	-4.868	1.13E-06	LUC7L2
ENSG00000064393	7	139 561 570	139 777 778	-4.896	9.78E-07	HIPK2
ENSG00000059377	7	139 777 051	140 020 325	-4.820	1.44E-06	TBXAS1
ENSG00000059378	7	140 023 744	140 063 721	-4.877	1.07E-06	PARP12
ENSG00000006459	7	140 084 746	140 177 035	-4.932	8.16E-07	KDM7A
ENSG00000104626	8	9 002 147	9 116 746	-4.765	1.89E-06	ERI1
ENSG00000173281	8	9 136 255	9 151 574	-4.742	2.12E-06	PPP1R3B
ENSG00000269918	8	11 104 691	11 106 704	4.655	3.24E-06	AF131215.6
ENSG00000255310	8	11 107 788	11 109 726	4.661	3.15E-06	AF131215.5
ENSG00000175606	8	73 972 437	73 982 783	-4.787	1.69E-06	TMEM70
ENSG00000253833	8	73 984 493	73 984 883	-4.727	2.28E-06	AC022868.1
ENSG00000132554	8	99 960 936	100 131 268	-4.665	3.09E-06	RGS22
ENSG00000147905	9	37 120 539	37 358 149	-5.109	3.25E-07	ZCCHC7
ENSG00000137106	9	37 422 666	37 436 990	-4.980	6.35E-07	GRHPR
ENSG00000078114	10	20 779 973	21 174 187	-5.119	3.07E-07	NEBL
ENSG00000204682	10	21 492 658	21 497 262	-5.172	2.31E-07	CASC10
ENSG00000180592	10	21 513 478	21 526 368	-5.570	2.54E-08	SKIDA1
ENSG00000155287	10	99 610 522	99 620 609	5.338	9.42E-08	SLC25A28
ENSG00000198018	10	99 659 506	99 706 240	5.245	1.56E-07	ENTPD7
ENSG00000119929	10	99 702 558	99 756 134	4.938	7.90E-07	CUTC
ENSG00000014919	10	99 711 844	99 732 100	5.167	2.38E-07	COX15
ENSG00000166441	11	8 682 411	8 714 759	-4.664	3.11E-06	RPL27A
ENSG00000212607	11	8 685 439	8 685 569	-4.658	3.19E-06	SNORA3B
ENSG00000166444	11	8 693 351	8 910 951	-4.699	2.62E-06	ST5
ENSG00000166452	11	8 911 139	8 920 084	-4.990	6.04E-07	AKIP1
ENSG00000175348	11	8 947 294	8 965 011	-5.060	4.19E-07	TMEM9B
ENSG00000254860	11	8 964 675	8 977 527	-5.051	4.39E-07	TMEM9B-AS1
ENSG00000175352	11	8 980 576	9 004 049	-5.045	4.54E-07	NRIP3

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Supplementary Table SIV Continued.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000175356	11	9 020 391	9 138 114	-5.121	3.03E-07	SCUBE2
ENSG00000184014	11	9 138 825	9 265 390	-5.371	7.83E-08	DENND5A
ENSG00000166471	11	9 280 654	9 314 780	-5.457	4.84E-08	TMEM41B
ENSG00000205339	11	9 384 622	9 448 126	-5.402	6.58E-08	IPO7
ENSG00000201998	11	9 428 773	9 428 954	-5.193	2.07E-07	SNORA23
ENSG00000268403	11	9 459 556	9 460 702	-5.132	2.86E-07	AC132192.2
ENSG00000166478	11	9 460 319	9 528 524	-5.138	2.78E-07	ZNF143
ENSG00000226210	12	14 522	32 015	4.668	3.03E-06	AC215219.1
ENSG00000120645	12	66 765	178 460	5.110	3.22E-07	IQSEC3
ENSG00000111181	12	190 077	214 570	5.182	2.19E-07	SLC6A12
ENSG00000261799	12	273 954	277 123	5.289	1.23E-07	AC007406.5
ENSG00000073614	12	280 129	389 454	5.509	3.60E-08	KDM5A
ENSG00000120647	12	389 273	442 645	5.513	3.52E-08	CCDC77
ENSG00000139044	12	460 364	563 509	5.462	4.72E-08	B4GALNT3
ENSG00000171840	12	564 296	663 779	5.436	5.44E-08	NINJ2
ENSG00000177406	12	630 891	663 706	5.436	5.44E-08	AC021054.1
ENSG00000171681	12	14 365 632	14 502 935	-6.418	1.38E-10	ATF7IP
ENSG00000121316	12	14 503 661	14 568 349	-6.592	4.34E-11	PLBD1
ENSG00000261324	12	14 762 504	14 767 931	-6.659	2.77E-11	AC010168.2
ENSG00000197837	12	14 767 999	14 771 131	-6.658	2.77E-11	HIST4H4
ENSG00000246705	12	14 774 383	14 778 002	-6.633	3.29E-11	H2AFJ
ENSG00000084463	12	14 784 579	14 803 540	-6.590	4.40E-11	WBPI1
ENSG00000182993	12	14 803 572	14 906 586	-6.648	2.98E-11	C12orf60
ENSG00000111341	12	14 881 181	14 885 926	-7.276	3.44E-13	MGP
ENSG00000139055	12	14 914 035	14 939 082	-7.483	7.27E-14	ERP27
ENSG00000111348	12	14 942 017	14 961 728	-7.355	1.92E-13	ARHGDI B
ENSG00000134533	12	15 107 783	15 348 675	-6.378	1.79E-10	RERG
ENSG00000151490	12	15 322 397	15 597 399	-5.385	7.24E-08	PTPRO
ENSG00000139163	12	22 625 075	22 690 665	4.741	2.12E-06	ETNK1
ENSG00000257599	12	29 389 289	29 487 488	-5.910	3.42E-09	OVCH1-AS1
ENSG00000133687	12	29 500 840	29 784 759	-6.883	5.85E-12	TMTC1
ENSG00000136040	12	94 148 723	94 307 675	-8.341	1.11E-16	PLXNC1
ENSG00000173588	12	94 306 449	94 459 988	-9.099	0	CEP83
ENSG00000213250	12	94 423 744	94 424 969	-8.921	0	RBMS2P1
ENSG00000278916	12	94 460 003	94 462 484	-8.920	0	CEP83-AS1
ENSG00000057704	12	94 567 124	94 650 562	-8.222	2.22E-16	TMCC3
ENSG00000184752	12	94 897 055	95 003 770	-8.462	0	NDUFA12
ENSG00000120798	12	95 020 229	95 073 703	-8.501	0	NR2C1
ENSG00000180263	12	95 076 749	95 217 482	-8.440	0	FGD6
ENSG0000028203	12	95 217 746	95 302 790	-8.185	2.22E-16	VEZT
ENSG00000241556	12	95 467 397	95 467 861	-8.390	0	AC018475.1
ENSG00000111142	12	95 473 520	95 515 839	-8.395	0	METAP2
ENSG00000136014	12	95 516 560	95 551 490	-8.438	0	USP44
ENSG00000074527	12	95 657 807	95 791 152	-8.712	0	NTN4
ENSG00000139343	12	95 858 928	95 903 828	-8.786	0	SNRPF

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Supplementary Table SIV Continued.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000084110	12	95 972 662	95 996 365	-9.254	0	HAL
ENSG00000111144	12	96 000 828	96 043 520	-9.424	0	LTA4H
ENSG00000111145	12	96 194 382	96 269 835	-8.772	0	ELK3
ENSG00000059758	12	96 278 261	96 400 560	-5.917	3.29E-09	CDK17
ENSG00000102699	13	24 420 926	24 512 810	4.862	1.16E-06	PARP4
ENSG00000100592	14	59 188 646	59 371 405	4.872	1.10E-06	DAAMI
ENSG00000181619	14	59 429 022	59 465 342	4.772	1.82E-06	GPRI35
ENSG00000126790	14	59 460 363	59 484 430	4.747	2.06E-06	L3HYPDH
ENSG00000050130	14	59 484 443	59 505 410	4.748	2.06E-06	JKAMP
ENSG00000021645	14	78 170 373	79 868 290	5.873	4.27E-09	NRXN3
ENSG00000185739	16	4 189 374	4 242 080	-4.848	1.25E-06	SRL
ENSG00000103381	16	12 659 799	12 804 017	5.682	1.33E-08	CPPED1
ENSG00000171241	16	46 580 554	46 621 626	-5.006	5.57E-07	SHCBP1
ENSG00000261512	16	46 622 861	46 624 451	-5.006	5.57E-07	AC092368.3
ENSG00000259856	16	46 626 404	46 626 992	-5.006	5.57E-07	RAB43P1
ENSG00000069329	16	46 656 132	46 689 518	-5.006	5.57E-07	VPS35
ENSG00000091651	16	46 689 643	46 698 394	-5.005	5.58E-07	ORC6
ENSG00000140795	16	46 703 369	46 790 407	-5.003	5.63E-07	MYLK3
ENSG00000155330	16	46 796 607	46 831 411	-5.003	5.63E-07	C16orf87
ENSG00000166123	16	46 884 378	46 931 297	-5.003	5.63E-07	GPT2
ENSG00000069345	16	46 955 362	46 973 788	-5.003	5.63E-07	DNAJA2
ENSG00000171208	16	47 077 703	47 143 997	-5.002	5.66E-07	NETO2
ENSG00000129636	16	47 154 387	47 464 149	-4.958	7.14E-07	ITFG1
ENSG00000102893	16	47 461 123	47 701 523	-4.932	8.15E-07	PHKB
ENSG00000185722	17	4 163 907	4 263 977	-4.683	2.83E-06	ANKFY1
ENSG00000132388	17	4 269 259	4 366 628	-4.733	2.21E-06	UBE2G1
ENSG00000215067	17	6 876 635	7 012 349	-4.914	8.93E-07	ALOX12-AS1
ENSG00000219200	17	7 012 417	7 014 532	-4.708	2.51E-06	RNASEK
ENSG00000161939	17	7 012 635	7 017 520	-4.730	2.25E-06	RNASEK-C17orf49
ENSG00000258315	17	7 014 495	7 017 525	-4.732	2.22E-06	C17orf49
ENSG00000267532	17	7 015 818	7 019 659	-4.746	2.07E-06	MIR497HG
ENSG00000161940	17	7 023 020	7 030 290	-4.819	1.44E-06	BCL6B
ENSG00000174327	17	7 036 075	7 040 121	-4.977	6.47E-07	SLC16A13
ENSG00000132514	17	7 074 537	7 080 307	-5.108	3.25E-07	CLEC10A
ENSG00000141505	17	7 173 431	7 179 564	-4.939	7.83E-07	ASGRI
ENSG00000132535	17	7 189 890	7 219 702	-4.880	1.06E-06	DLG4
ENSG00000072778	17	7 217 125	7 225 273	-4.899	9.65E-07	ACADVL
ENSG00000004975	17	7 225 341	7 234 545	-4.963	6.94E-07	DVL2
ENSG00000040633	17	7 235 028	7 239 722	-5.117	3.11E-07	PHF23
ENSG00000170296	17	7 240 014	7 242 770	-5.160	2.48E-07	GABARAP
ENSG00000262526	17	7 240 427	7 244 635	-5.160	2.48E-07	AC120057.3
ENSG00000175826	17	7 243 591	7 252 491	-5.170	2.34E-07	CTDNEP1
ENSG00000170291	17	7 251 416	7 259 940	-5.189	2.11E-07	ELP5
ENSG00000181885	17	7 259 903	7 263 983	-5.175	2.28E-07	CLDN7

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Supplementary Table SIV Continued.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000132507	17	7306999	7312463	-5.223	1.76E-07	EIF5A
ENSG00000132522	17	7311324	7315564	-5.224	1.75E-07	GPS2
ENSG00000215041	17	7315628	7329393	-5.224	1.75E-07	NEURL4
ENSG00000072818	17	7336529	7351478	-5.247	1.55E-07	ACAP1
ENSG00000213859	17	7351889	7354944	-5.226	1.73E-07	KCTD11
ENSG00000174292	17	7380534	7389774	-5.225	1.74E-07	TNK1
ENSG00000187838	17	7389727	7394843	-5.153	2.57E-07	PLSCR3
ENSG00000205544	17	7402975	7404137	-5.053	4.35E-07	TMEM256
ENSG00000169992	17	7404874	7419860	-5.032	4.86E-07	NLGN2
ENSG00000181284	17	7435443	7437679	-4.893	9.94E-07	TMEM102
ENSG00000170175	17	7445061	7457707	-4.882	1.05E-06	CHRNBI
ENSG00000174282	17	7459366	7484263	-4.894	9.86E-07	ZBTB4
ENSG00000181222	17	7484366	7514616	-5.025	5.03E-07	POLR2A
ENSG00000239697	17	7548891	7557890	-5.109	3.23E-07	TNFSF12
ENSG00000161955	17	7558292	7561608	-5.091	3.56E-07	TNFSF13
ENSG00000161956	17	7561875	7571969	-5.080	3.78E-07	SEN3
ENSG00000277957	17	7563287	7578715	-5.082	3.74E-07	SEN3-EIF4A1
ENSG00000161960	17	7572706	7579005	-5.102	3.37E-07	EIF4A1
ENSG00000264772	17	7572826	7582024	-5.103	3.35E-07	AC016876.2
ENSG00000209582	17	7574713	7574847	-5.101	3.38E-07	SNORA48
ENSG00000238917	17	7576811	7576952	-5.141	2.73E-07	SNORD10
ENSG00000277985	17	7577955	7578091	-5.146	2.67E-07	SNORA67
ENSG00000129226	17	7579467	7582113	-5.168	2.37E-07	CD68
ENSG00000233223	17	7581964	7584072	-5.229	1.70E-07	AC016876.1
ENSG00000129255	17	7583529	7592789	-5.253	1.49E-07	MPDU1
ENSG00000129245	17	7591230	7614871	-5.301	1.15E-07	FXR2
ENSG00000141504	17	7626234	7627876	-5.523	3.34E-08	SAT2
ENSG00000129244	17	7646627	7657768	-5.717	1.08E-08	ATP1B2
ENSG00000141510	17	7661779	7687550	-5.838	5.27E-09	TP53
ENSG00000262251	17	7685260	7686371	-5.841	5.18E-09	AC087388.1
ENSG00000141499	17	7686071	7703502	-5.825	5.72E-09	WRAP53
ENSG00000108947	17	7705202	7711378	-5.883	4.03E-09	EFNB3
ENSG00000183914	17	7717354	7833744	-5.974	2.32E-09	DNAH2
ENSG00000132510	17	7839904	7854796	-5.894	3.76E-09	KDM6B
ENSG00000167874	17	7855065	7856099	-5.902	3.60E-09	TMEM88
ENSG00000183011	17	7856685	7885238	-5.895	3.74E-09	NAA38
ENSG00000182224	17	7857746	7862282	-5.883	4.03E-09	CYB5D1
ENSG00000280046	17	7858943	7866083	-5.883	4.02E-09	AC104581.4
ENSG00000170004	17	7884806	7912760	-5.859	4.66E-09	CHD3
ENSG00000252835	17	7906122	7906260	-5.867	4.43E-09	SCARNA21
ENSG00000179859	17	7913324	7916276	-5.888	3.90E-09	LINC02581
ENSG00000170049	17	7921859	7929803	-5.887	3.94E-09	KCNAB3
ENSG00000170043	17	7930345	7932123	-5.903	3.57E-09	TRAPPC1
ENSG00000170037	17	7932101	7949918	-5.911	3.40E-09	CNTROB

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Supplementary Table SIV Continued.

TargetID	CHROM	Gene_Start (hg38)	Gene_End (hg38)	Zscore	Pvalue	GeneName
ENSG00000179094	17	8 140 472	8 156 506	-5.528	3.24E-08	PER1
ENSG00000220205	17	8 159 149	8 163 546	-5.532	3.16E-08	VAMP2
ENSG00000179029	17	8 173 237	8 176 399	-5.544	2.96E-08	TMEM107
ENSG00000196544	17	8 188 333	8 190 907	-5.551	2.83E-08	BORCS6
ENSG00000178999	17	8 204 733	8 210 600	-5.508	3.62E-08	AURKB
ENSG00000178977	17	8 220 642	8 224 043	-5.438	5.40E-08	LINC00324
ENSG00000178971	17	8 224 821	8 248 044	-5.414	6.15E-08	CTCI
ENSG00000178921	17	8 247 618	8 270 491	-5.343	9.16E-08	PFAS
ENSG00000125434	17	8 287 763	8 295 343	-5.060	4.19E-07	SLC25A35
ENSG00000108961	17	8 288 497	8 290 092	-5.061	4.17E-07	RANGRF
ENSG00000198844	17	8 310 241	8 322 516	-5.010	5.44E-07	ARHGEF15
ENSG00000184619	17	8 368 637	8 376 711	-4.772	1.82E-06	KRBA2
ENSG00000263809	17	8 368 638	8 383 187	-4.772	1.82E-06	AC135178.2
ENSG00000161970	17	8 377 520	8 383 213	-4.728	2.27E-06	RPL26
ENSG00000108821	17	50 183 289	50 201 632	-5.587	2.32E-08	COL1A1
ENSG00000167105	17	50 271 406	50 281 485	-5.402	6.60E-08	TMEM92
ENSG00000015532	17	50 346 092	50 363 138	-4.941	7.77E-07	XYLT2
ENSG00000279792	17	50 362 967	50 365 232	-4.948	7.48E-07	AC015909.5
ENSG00000108826	17	50 367 857	50 373 214	-4.770	1.84E-06	MRPL27
ENSG00000067900	18	20 946 906	21 111 851	-5.485	4.13E-08	ROCK1
ENSG00000141449	18	21 242 242	21 525 417	-4.750	2.03E-06	GREB1L
ENSG00000089063	20	5 068 232	5 113 103	-4.730	2.24E-06	TMEM230
ENSG00000183765	22	28 687 743	28 742 422	5.060	4.19E-07	CHEK2
ENSG00000100209	22	28 742 031	28 757 515	5.220	1.79E-07	HSCB
ENSG00000159873	22	28 772 674	28 789 301	5.215	1.83E-07	CCDC117
ENSG00000100219	22	28 794 555	28 800 597	5.180	2.22E-07	XBPI
ENSG00000226471	22	28 800 683	28 848 559	5.191	2.09E-07	Z93930.2
ENSG00000183579	22	28 883 592	29 057 487	5.259	1.44E-07	ZNRF3
ENSG00000100380	22	40 824 535	40 857 022	-4.798	1.61E-06	STI3
ENSG00000196236	22	40 857 077	40 932 815	-4.909	9.15E-07	XPINPEP3
ENSG00000100387	22	40 951 347	40 973 309	-5.119	3.07E-07	RBX1
ENSG00000100393	22	41 091 786	41 180 079	-5.798	6.70E-09	EP300
ENSG00000100395	22	41 205 205	41 231 271	-5.254	1.49E-07	L3MBTL2
ENSG00000100399	22	41 229 510	41 240 934	-4.889	1.01E-06	CHADL