

Gene Symbol	transcript_cluster_id	Probeset ID	p-value (Vasospasm vs. No vasospasm)
LMO1	3361672	3361727	2.49E-05
GLDN	3593931	3593961	5.16E-05
HOXB6	3761395	3761398	5.51E-05
ESPL1	3415857	3415861	5.61E-05
DNAH10	3436117	3436158	6.05E-05
PHOX2B	2767159	2767171	6.19E-05
SGTA	3846011	3846013	6.21E-05
FAM55C	2634058	2634063	6.42E-05
MGC2752	3844297	3844299	7.63E-05
RAB11FIP3	3642875	3642881	8.92E-05
C5orf38	2799509	2799510	9.13E-05
KRT25	3756447	3756461	9.80E-05
CSNK1G1	3629012	3629055	9.97E-05
CDH15	3673892	3673906	1.06E-04
ABCA7	3815416	3815489	1.12E-04
IL24	2377035	2377050	1.27E-04
PPM1F	3954294	3954298	1.38E-04
ECD	3294242	3294264	1.43E-04
ARHGEF2	2437801	2437837	1.52E-04
E2F1	3903146	3903157	1.53E-04
TEX13B	4017501	4017506	1.58E-04
TMEM67	3107242	3107263	1.65E-04
CBFA2T2	3882533	3882603	1.66E-04
PPP2R4	3190939	3190968	1.87E-04
CLN6	3630701	3630716	1.90E-04
NT5C3L	3757399	3757420	1.92E-04
EXT1	3150060	3150162	1.99E-04
AKR7L	2399687	2399700	2.13E-04
HRC	3867708	3867710	2.13E-04
POLR3H	3961981	3961989	2.15E-04
GIT1	3751541	3751569	2.22E-04
MYOM1	3796428	3796507	2.31E-04
	4053986	4053993	2.37E-04
ACACB	3430959	3431035	2.47E-04
GRASP	3415193	3415211	2.47E-04
ProSAPiP1	3895274	3895286	2.47E-04
C1orf127	2396362	2396373	2.54E-04
NR5A2	2374126	2374165	2.56E-04
UGGT2	3521484	3521601	2.59E-04
ORC5L	3065963	3065969	2.64E-04
ADAM7	3090326	3090337	2.70E-04
PDE2A	3381150	3381160	2.70E-04
NPR2	3168160	3168187	2.70E-04
PRPH	3413852	3413858	2.72E-04
DNAH3	3683879	3683918	2.75E-04
FBXL4	2966078	2966124	2.83E-04

RPTOR	3737488	3737627	2.85E-04
MYO1C	3740201	3740232	2.92E-04
BATF	3544605	3544623	2.95E-04
DACT2	2985497	2985513	2.98E-04
	2867145	2867206	3.09E-04
EVC2	2758978	2759034	3.16E-04
KPTN	3866579	3866594	3.18E-04
LACRT	3456878	3456879	3.28E-04
SPOCK3	2792647	2792670	3.29E-04
CHD9	3660858	3661003	3.29E-04
CEP135	2727976	2727994	3.33E-04
CCDC85B	3335719	3335725	3.34E-04
PIBF1	3493448	3493520	3.40E-04
PSIP1	3199790	3199820	3.43E-04
GPR35	2535927	2535931	3.51E-04
SLC15A1	3522327	3522374	3.54E-04
AKAP14	3989006	3989009	3.60E-04
KIF22	3655628	3655630	3.73E-04
SNAI1	3888522	3888529	3.76E-04
PTPRF	2333318	2333344	3.76E-04
GMPPA	2528620	2528635	3.80E-04
PHACTR3	3891530	3891600	3.87E-04
HSPA14	3236395	3236436	3.89E-04
SPSB3	3676134	3676136	3.89E-04
INTS8	3107661	3107704	3.93E-04
IDH3G	4026722	4026736	3.93E-04
PPA2	2780522	2780593	3.95E-04
FAM122C	3991814	3991834	3.96E-04
SLC28A3	3212420	3212442	4.01E-04
C20orf196	3875108	3875157	4.09E-04
NR1H2	3839276	3839299	4.17E-04
C8orf44	3101765	3101781	4.27E-04
GPR126	2928461	2928529	4.33E-04
ATP2C1	2642325	2642388	4.35E-04
SMOC1	3542275	3542354	4.36E-04
FAM134C	3757990	3758006	4.39E-04
NEB	2581000	2581017	4.42E-04
SLC12A8	2693014	2693025	4.46E-04
ZFYVE21	3553947	3553953	4.53E-04
MRPL17	3361116	3361129	4.59E-04
SRGAP3	2662087	2662104	4.59E-04
CDC42BPB	3580498	3580524	4.60E-04
SH2D1A	3989826	3989844	4.67E-04
DDR2	2364231	2364285	4.69E-04
C1orf66	2361697	2361710	4.71E-04
ITPR2	3448152	3448325	4.74E-04
ZNF397	3784468	3784495	4.77E-04

ZNF266	3849688	3849692	4.81E-04
GANAB	3375951	3375966	4.85E-04
FLJ34690	3710804	3710806	4.85E-04
KNTC1	3435362	3435388	4.97E-04
DENND4A	3629811	3629860	5.00E-04
ZNF236	3794458	3794540	5.04E-04
DNAJB7	3961699	3961700	5.37E-04
SIM2	3920171	3920213	5.39E-04
SH3BGR	3921442	3921449	5.41E-04
CACNA1B	3195568	3195661	5.43E-04
NUBPL	3531355	3531358	5.44E-04
TLL1	2750753	2750760	5.53E-04
PAR3B	2524016	2524018	5.57E-04
NKX2-1	3561381	3561412	5.64E-04
MAGI2	3058209	3058245	5.72E-04
RCAN1	3930235	3930278	5.73E-04
SLC17A8	3428190	3428202	5.75E-04
RP13-102H20.1	3990927	3990942	5.84E-04
COL17A1	3305081	3305086	5.87E-04
LAMA5	3913018	3913111	5.90E-04
TRO	3978579	3978594	5.96E-04
TNS1	2599153	2599246	5.97E-04
UBR3	2514658	2514714	6.00E-04
C3	3848039	3848043	6.04E-04
4-Sep	3764527	3764559	6.05E-04
IRX1	2799758	2799776	6.06E-04
GRIN2D	3837759	3837781	6.14E-04
LNX2	3507003	3507015	6.17E-04
AKNA	3221916	3221970	6.19E-04
RAPH1	2595560	2595573	6.29E-04
TMEM132D	3478068	3478151	6.30E-04
ALS2CR8	2523419	2523447	6.36E-04
ZMAT4	3132616	3132697	6.38E-04
VARS	2949380	2949411	6.39E-04
FASN	3774635	3774666	6.43E-04
ABCA3	3676763	3676822	6.43E-04
MTRF1	3101385	3101397	6.55E-04
STAG3L4	3006133	3006147	6.63E-04
METRN	3643333	3643337	6.74E-04
CACNG7	3841134	3841148	6.75E-04
SPPL2B	3816424	3816457	6.85E-04
POU2F2	3863435	3863450	6.93E-04
CENPE	2780172	2780219	6.98E-04
GPR177	2417390	2417401	7.02E-04
SCGB3A1	2890741	2890755	7.05E-04
CNDP2	3793760	3793782	7.10E-04
NEGR1	2418078	2418080	7.12E-04

DTNBP1	2943236	2943246	7.16E-04
RNF17	3482017	3482024	7.33E-04
MKKNK2	3845647	3845664	7.38E-04
METTTL5	2586348	2586369	7.40E-04
ANK3	3290875	3291019	7.44E-04
C5orf33	2853388	2853395	7.45E-04
CLK1	2594497	2594510	7.47E-04
ADAMTSL1	3163982	3164038	7.48E-04
TRRAP	3014411	3014412	7.52E-04
RICH2	3710870	3710873	7.72E-04
UGT1A10	2533019	2533039	7.73E-04
INPP5K	3740264	3740272	7.78E-04
CASK	4005859	4005903	7.80E-04
GLT8D1	2676319	2676326	7.82E-04
SENP7	2686646	2686668	7.84E-04
KIAA1033	3429754	3429816	7.85E-04
KDELR3	3945314	3945329	7.85E-04
NUP210L	2436467	2436480	7.93E-04
MGC39372	2939014	2939016	8.04E-04
RYR1	3832457	3832585	8.05E-04
SUMF1	2660800	2660889	8.06E-04
SCLY	2534615	2534619	8.09E-04
TP53BP1	3621194	3621208	8.10E-04
TRPM1	3616044	3616045	8.14E-04
PLCB4	3875908	3875943	8.16E-04
C20orf103	3876084	3876093	8.19E-04
PLXNB1	2673181	2673201	8.22E-04
COL12A1	2961177	2961257	8.24E-04
KRT85	3455309	3455324	8.32E-04
SLC12A3	3662333	3662359	8.34E-04
LARS	2879927	2879970	8.34E-04
C3orf64	2681114	2681126	8.56E-04
PROM2	2493943	2493964	8.57E-04
LOC84931	2573326	2573330	8.59E-04
PKN1	3822723	3822744	8.61E-04
PHF8	4009506	4009527	8.62E-04
SLC12A5	3887241	3887251	8.68E-04
C9orf68	3197231	3197247	8.70E-04
ARAP2	2765590	2765623	8.79E-04
MAMLD1	3994710	3994745	8.81E-04
SLC25A32	3147726	3147782	8.83E-04
KIAA1984	3194635	3194680	8.86E-04
PCNXL2	2461037	2461092	8.99E-04
RP13-102H20.1	3990927	3990951	9.03E-04
CROCCL2	2398193	2398202	9.05E-04
SHROOM3	2732068	2732126	9.09E-04
C10orf79	3305198	3305226	9.09E-04

DHX57	2549007	2549035	9.11E-04
ARHGAP30	2440549	2440564	9.20E-04
LY6K	3119213	3119216	9.22E-04
SLC2A4RG	3893673	3893691	9.25E-04
TMC1	3174643	3174683	9.38E-04
TLR10	2766192	2766193	9.39E-04
ABCF3	2655511	2655512	9.40E-04
NOTCH3	3853108	3853138	9.41E-04
LMBR1	3081624	3081635	9.42E-04
OTOP2	3734517	3734529	9.46E-04
DCLRE1C	3278977	3279006	9.46E-04
PIP5K1C	3846316	3846317	9.48E-04
ZMYND19	3231157	3231160	9.50E-04
RAPGEF3	3452690	3452699	9.54E-04
DYNC1H1	3552847	3552892	9.57E-04
ADCY6	3453252	3453253	9.66E-04
B3GALT5	3921490	3921492	9.67E-04
ZZEF1	3741875	3741881	9.71E-04
TWSG1	3778372	3778373	9.75E-04
DCBLD2	2686023	2686025	9.78E-04
ZSCAN18	3872678	3872700	9.78E-04
PRKAB1	3434142	3434148	9.81E-04
ZNF267	3657367	3657378	9.85E-04
CACNA1C	3400730	3400930	9.97E-04
SLC5A10	3713627	3713663	9.98E-04
RNGTT	2963929	2964002	1.00E-03
DBH	3192820	3192879	1.01E-03
RANBP2	2499158	2499187	1.02E-03
BRWD1	3932148	3932158	1.02E-03
RGS5	2441386	2441394	1.02E-03
SCTR	2573112	2573151	1.02E-03
TAPT1	2761941	2761947	1.02E-03
USP5	3402899	3402901	1.03E-03
TSGA10	2566586	2566615	1.03E-03
ZZZ3	2419046	2419060	1.03E-03
PDZRN4	3411810	3411878	1.03E-03
FAM98C	3832435	3832453	1.03E-03
REM1	3881261	3881271	1.04E-03
MAP3K7IP2	2930592	2930649	1.05E-03
COL4A6	4017538	4017550	1.05E-03
ZNF180	3864921	3864922	1.06E-03
GLT8D3	3451246	3451260	1.06E-03
DLEC1	2617477	2617559	1.06E-03
POLG	3638337	3638378	1.06E-03
GDF5	3903952	3903954	1.06E-03
C2orf84	2473026	2473078	1.07E-03
EHD1	3377226	3377228	1.07E-03

ATP4B	3526655	3526670	1.08E-03
ZFYVE26	3569441	3569476	1.08E-03
PNCK	4026624	4026635	1.09E-03
ZNF575	3835085	3835100	1.09E-03
BARHL1	3192495	3192503	1.10E-03
CDC14A	2348896	2348899	1.11E-03
ELMOD2	2745067	2745090	1.13E-03
FAM160A2	3360772	3360784	1.13E-03
LXN	2702724	2702733	1.14E-03
LRRN4	3896594	3896603	1.14E-03
VGLL3	2684851	2684853	1.15E-03
KRT18	3415576	3415581	1.15E-03
CYP4F22	3823210	3823217	1.16E-03
STAR	3131819	3131836	1.17E-03
KCNK6	3832292	3832294	1.17E-03
BCL2	3811339	3811362	1.17E-03
OGFR	3892941	3892964	1.18E-03
CPAMD8	3854132	3854160	1.21E-03
ZNF417	3872521	3872529	1.21E-03
ABCA2	3230610	3230660	1.21E-03
LEPRE1	2409004	2409048	1.22E-03
TXNRD2	3952880	3952885	1.23E-03
AP3B2	3636216	3636237	1.23E-03
CACNA1C	3400730	3400807	1.23E-03
IFT88	3480411	3480479	1.23E-03
DNHD1	3318731	3318758	1.24E-03
TMEM115	2675304	2675308	1.25E-03
NCRNA00051	3119000	3119003	1.25E-03
ATP5L2	3962560	3962565	1.25E-03
LZTS2	3260957	3260965	1.27E-03
TMC3	3635578	3635608	1.28E-03
CAPN7	2612278	2612312	1.28E-03
TMF1	2681157	2681186	1.28E-03
WDR35	2542651	2542695	1.29E-03
KCNS2	3108782	3108786	1.30E-03
CASC1	3447798	3447816	1.31E-03
PLSCR4	2699623	2699661	1.31E-03
AIFM2	3293187	3293203	1.32E-03
FUK	3667241	3667262	1.32E-03
PDZD2	2805232	2805325	1.32E-03
NOL6	3203582	3203608	1.33E-03
ACRBP	3442150	3442158	1.33E-03
NOC3L	3301011	3301030	1.33E-03
NRXN2	3376914	3376969	1.33E-03
C8G	3194969	3194983	1.33E-03
RASGEF1B	2775259	2775286	1.34E-03
ABHD8	3854349	3854351	1.34E-03

MTSS1L	3697183	3697208	1.35E-03
ICAM5	3820469	3820482	1.35E-03
TNS3	3049522	3049569	1.36E-03
SMO	3023350	3023364	1.38E-03
LCP2	2886595	2886623	1.38E-03
MFSD6	2520138	2520146	1.39E-03
TRPM8	2533227	2533272	1.39E-03
TTC39A	2412312	2412320	1.39E-03
AARS2	2955118	2955147	1.39E-03
FLJ43860	3156655	3156710	1.40E-03
UNC13B	3167731	3167776	1.41E-03
TACC2	3268059	3268161	1.41E-03
MAPK3	3687494	3687497	1.41E-03
BRWD1	3932148	3932159	1.42E-03
ROBO1	2683763	2683792	1.42E-03
SLC37A1	3922664	3922713	1.42E-03
ESPL1	3415857	3415904	1.43E-03
LRRC4C	3370269	3370272	1.43E-03
APOBEC1	3442752	3442763	1.43E-03
C6orf145	2939469	2939470	1.44E-03
PCDHGA7	2832533	2832597	1.44E-03
RNASE7	3527831	3527835	1.46E-03
BTG3	3926080	3926094	1.47E-03
MAGOHB	3444195	3444196	1.47E-03
BRDT	2346575	2346596	1.48E-03
KIAA1468	3791168	3791202	1.48E-03
UMOD	3683549	3683553	1.48E-03
SCML2	4001369	4001379	1.49E-03
TP53I11	3371003	3371031	1.49E-03
GGT5	3955185	3955200	1.49E-03
CLMN	3577940	3577949	1.49E-03
SPINK5	2834503	2834526	1.49E-03
RYR1	3832457	3832563	1.49E-03
HPRT1	3991698	3991716	1.49E-03
C20orf71	3882369	3882377	1.50E-03
RNASEL	2447124	2447134	1.50E-03
SCYL1	3335267	3335289	1.51E-03
GPLD1	2945518	2945546	1.51E-03
AARS2	2955118	2955140	1.52E-03
KIF15	2620256	2620275	1.52E-03
ZNF7	3120917	3120951	1.52E-03
STK32B	2716713	2716766	1.52E-03
SPATA2L	3704928	3704932	1.53E-03
KIAA1524	2687979	2687996	1.53E-03
FLJ30679	3672640	3672643	1.53E-03
WDR91	3074260	3074280	1.54E-03
PAK6	3589756	3589772	1.54E-03

COL16A1	2404546	2404569	1.55E-03
NEK1	2793221	2793239	1.55E-03
SNTG1	3097701	3097820	1.55E-03
MAD2L1	2783715	2783743	1.56E-03
CCDC150	2521278	2521304	1.59E-03
DYNC1H1	3552847	3552909	1.60E-03
CAPN7	2612278	2612296	1.60E-03
	3642200	3642256	1.60E-03
SNX14	2963313	2963341	1.60E-03
ESYT3	2644619	2644654	1.62E-03
ZNF45	3864725	3864734	1.62E-03
USH2A	2455699	2455708	1.62E-03
CFP	4007164	4007176	1.62E-03
SLC4A3	2528774	2528810	1.63E-03
ARHGAP6	3999568	3999580	1.63E-03
SMARCA5	2745646	2745662	1.63E-03
GPR116	2955863	2955877	1.63E-03
OR2D3	3318982	3318985	1.63E-03
DTNBP1	2943236	2943245	1.63E-03
AR	3979912	3979925	1.64E-03
ALDOC	3750767	3750781	1.64E-03
ZNF276	3674349	3674369	1.64E-03
HOOK1	2338625	2338636	1.64E-03
MAP6	3382410	3382422	1.65E-03
BMP7	3910980	3910996	1.65E-03
CCNY	3242425	3242429	1.65E-03
CCM2	3000167	3000193	1.65E-03
CLDN15	3064574	3064589	1.65E-03
DRP2	3984702	3984737	1.66E-03
CCDC62	3435515	3435542	1.66E-03
CEP192	3779817	3779928	1.66E-03
TET1	3249886	3249895	1.67E-03
OMA1	2414558	2414781	1.67E-03
ALDH2	3432090	3432101	1.67E-03
C14orf177	3551029	3551037	1.67E-03
TNKS1BP1	3373675	3373710	1.68E-03
SLC1A1	3160658	3160687	1.69E-03
SNX20	3691193	3691204	1.69E-03
PPOX	2363484	2363488	1.70E-03
DENND4C	3164221	3164270	1.70E-03
C1orf63	2402111	2402121	1.71E-03
CFH	2373336	2373344	1.71E-03
SCAF1	3838757	3838777	1.71E-03
MACF1	2331213	2331352	1.72E-03
KCTD20	2905069	2905070	1.72E-03
PEX5	3403299	3403305	1.73E-03
MAPK15	3119792	3119814	1.73E-03

INO80	3619773	3619866	1.73E-03
TYMP	3966000	3966002	1.73E-03
FAM188B	2995491	2995555	1.73E-03
TRAM2	2957227	2957231	1.73E-03
PRDM2	2321238	2321289	1.74E-03
CACNA1B	3195568	3195701	1.75E-03
NR5A1	3225058	3225070	1.75E-03
TRPM5	3359267	3359277	1.76E-03
DEAF1	3358262	3358290	1.77E-03
TRRAP	3014411	3014435	1.77E-03
SLC43A3	3373845	3373855	1.78E-03
PHKB	3659156	3659212	1.78E-03
PADI2	2398820	2398841	1.78E-03
SARDH	3228813	3228846	1.79E-03
PBRM1	2676219	2676289	1.80E-03
MARCKS	2922215	2922225	1.81E-03
RYR2	2387126	2387322	1.81E-03
MGC39372	2939014	2939015	1.81E-03
LRRC6	3154136	3154159	1.81E-03
ZNF385B	2590017	2590028	1.82E-03
GCOM1	3595441	3595442	1.82E-03
BCOR	4005392	4005429	1.83E-03
LRRC40	2417737	2417740	1.83E-03
PITPNM2	3475926	3475964	1.84E-03
BFSP1	3899111	3899147	1.84E-03
RARA	3720921	3720951	1.84E-03
SGPP2	2529421	2529461	1.84E-03
SH3TC2	2880679	2880714	1.86E-03
CCDC126	2992963	2992983	1.87E-03
ANXA13	3151719	3151726	1.87E-03
PSG1	3863761	3863789	1.88E-03
OVOL1	3335571	3335574	1.89E-03
DIS3	3493391	3493439	1.89E-03
DDX59	2450416	2450438	1.90E-03
ERLEC1	2482230	2482231	1.90E-03
CSF1R	2881187	2881191	1.90E-03
SLC25A19	3770721	3770723	1.91E-03
GSTA2	2957314	2957328	1.91E-03
UGT3A2	2853325	2853342	1.92E-03
CHD1L	2356721	2356755	1.92E-03
MCM5	3944147	3944171	1.92E-03
CLEC10A	3743306	3743324	1.93E-03
C3orf17	2688882	2688908	1.94E-03
ISL1	2808931	2808947	1.95E-03
MGAT5	2506903	2506988	1.96E-03
CTNS	3706700	3706709	1.97E-03
ZNF433	3851150	3851186	1.97E-03

KIAA0664	3741171	3741178	1.98E-03
KCNN2	2824581	2824635	1.98E-03
PRUNE	2358623	2358633	1.99E-03
SPAG4	3883441	3883444	1.99E-03
ABCC3	3726691	3726731	1.99E-03
DZIP3	2635263	2635326	1.99E-03
POL3S	3688197	3688218	2.00E-03
EPC2	2509832	2509885	2.00E-03
SCIN	2990404	2990426	2.00E-03
SLC38A5	4007437	4007460	2.00E-03
FOXC1	2891768	2891781	2.01E-03
DDX51	3478957	3478986	2.01E-03
CUL5	3347549	3347580	2.01E-03
FBXW12	2621647	2621661	2.02E-03
SOX4	2897899	2897914	2.03E-03
CPB2	3512843	3512848	2.03E-03
ZCCHC3	3873102	3873106	2.03E-03
ANK3	3290875	3290917	2.03E-03
RAB11FIP3	3642875	3642929	2.04E-03
KCNN2	2824581	2824626	2.04E-03
SLC48A1	3413212	3413231	2.04E-03
RAD51	3590086	3590099	2.05E-03
ANKRD11	3704717	3704781	2.05E-03
C1orf63	2402111	2402115	2.06E-03
TROAP	3413875	3413880	2.07E-03
KRT25	3756447	3756450	2.07E-03
SLC17A3	2946106	2946118	2.08E-03
TBX19	2366184	2366209	2.08E-03
NLRP14	3319018	3319020	2.08E-03
COQ4	3190339	3190347	2.09E-03
EPHB2	2324919	2324962	2.09E-03
BAT2	2902463	2902495	2.09E-03
ITIH1	2624147	2624158	2.09E-03
PON1	3061942	3061944	2.09E-03
NEK5	3514804	3514840	2.10E-03
PIBF1	3493448	3493477	2.10E-03
SOX2	2654454	2654505	2.11E-03
NEK1	2793221	2793237	2.11E-03
MMP15	3663074	3663095	2.11E-03
TEF	3946817	3946834	2.12E-03
ZFAND3	2905664	2905668	2.12E-03
GPR152	3337109	3337110	2.12E-03
BPHL	2892393	2892400	2.13E-03
RNASSEL	2447124	2447128	2.13E-03
PLA2G6	3960388	3960400	2.13E-03
PHKB	3659156	3659233	2.14E-03
CAPN11	2908371	2908401	2.15E-03

PEX5L	2707045	2707051	2.15E-03
BMP4	3565206	3565209	2.15E-03
C1orf97	2378710	2378713	2.16E-03
PCSK2	3877892	3877950	2.16E-03
TRPM2	3923702	3923708	2.17E-03
SLC44A2	3820612	3820626	2.17E-03
SYTL4	4015440	4015449	2.17E-03
C10orf79	3305198	3305247	2.17E-03
ADH4	2779124	2779136	2.17E-03
POLR1B	2500838	2500853	2.18E-03
ACSS1	3901696	3901713	2.18E-03
NCRNA00164	2576788	2576808	2.18E-03
TGFB1	3863021	3863040	2.18E-03
LMBRD1	2960010	2960031	2.19E-03
SETMAR	2608419	2608446	2.20E-03
C20orf43	3890218	3890219	2.20E-03
ALDH3A2	3714068	3714099	2.20E-03
CDC42BPG	3377177	3377217	2.22E-03
ZNF695	2465395	2465396	2.23E-03
PARD3	3284596	3284604	2.23E-03
PYGO1	3625440	3625449	2.23E-03
PLEKHA7	3364525	3364582	2.23E-03
HUNK	3917938	3917950	2.23E-03
TNK1	3708528	3708532	2.24E-03
USP8	3593652	3593701	2.24E-03
SEC14L1	3735752	3735775	2.24E-03
APOH	3767709	3767723	2.24E-03
PDGFB	3961068	3961089	2.25E-03
ASRGL1	3333443	3333461	2.25E-03
SF3B1	2593670	2593674	2.26E-03
UGT3A1	2853293	2853319	2.26E-03
LOXHD1	3806366	3806399	2.27E-03
SCN8A	3414969	3414983	2.27E-03
ACAN	3607332	3607370	2.28E-03
P2RX2	3439132	3439140	2.29E-03
ASB14	2677922	2677932	2.29E-03
C17orf53	3722770	3722792	2.29E-03
FMNL3	3454006	3454024	2.30E-03
BMP6	2893895	2893900	2.30E-03
TNC	3222170	3222177	2.31E-03
FBXW5	3230530	3230534	2.31E-03
NRD1	2412529	2412586	2.32E-03
CASK	4005859	4005872	2.32E-03
NEK1	2793221	2793228	2.32E-03
POLA1	3972093	3972120	2.32E-03
KLHL14	3803418	3803464	2.32E-03
LUC7L3	3726772	3726781	2.33E-03

CCDC142	2560149	2560158	2.33E-03
PLK2	2858023	2858046	2.34E-03
PREX2	3102096	3102192	2.35E-03
MAL2	3113180	3113183	2.35E-03
ANKRD53	2487963	2487973	2.36E-03
DOCK7	2415910	2415975	2.36E-03
FLNA	4027176	4027189	2.36E-03
BXDC2	2806231	2806237	2.36E-03
RAI2	4001223	4001240	2.36E-03
GRIN2D	3837759	3837767	2.37E-03
LPHN2	2343823	2343945	2.37E-03
LRRC6	3154136	3154155	2.38E-03
CPEB2	2719361	2719405	2.38E-03
JAG1	3897505	3897536	2.39E-03
PDCD11	3262198	3262215	2.39E-03
IRAK1	4027009	4027040	2.39E-03
LNX1	2769346	2769350	2.39E-03
SCNN1D	2315674	2315697	2.39E-03
SMC6	2541944	2541946	2.39E-03
LIPG	3787855	3787871	2.40E-03
P4HA1	3294159	3294180	2.40E-03
RASGRF2	2817941	2817944	2.40E-03
ERLIN1	3303255	3303292	2.40E-03
TEX13A	4016955	4016976	2.41E-03
MED24	3755976	3756031	2.41E-03
PPP1R8	2327259	2327279	2.41E-03
SCN1A	2585322	2585334	2.42E-03
RNF133	3070499	3070505	2.42E-03
SUPT16H	3556323	3556325	2.42E-03
NUP210L	2436467	2436502	2.43E-03
PLXND1	2694817	2694909	2.43E-03
PPP1R7	2536183	2536193	2.43E-03
SCN1A	2585322	2585354	2.43E-03
ADAM11	3723128	3723140	2.44E-03
CHN1	2587961	2587985	2.44E-03
GRM1	2929571	2929650	2.45E-03
SCD5	2775735	2775739	2.45E-03
WDR35	2542651	2542702	2.45E-03
HKDC1	3250237	3250239	2.45E-03
DDAH1	2420832	2420853	2.46E-03
C16orf14	3643114	3643130	2.46E-03
PRMT2	3924783	3924804	2.46E-03
ARHGAP6	3999568	3999587	2.47E-03
QTRT1	3820727	3820740	2.48E-03
SAPS3	3337618	3337680	2.49E-03
CENPE	2780172	2780220	2.49E-03
ZC3H18	3673515	3673524	2.50E-03

HCN1	2855963	2855968	2.51E-03
CCDC65	3413643	3413655	2.51E-03
C1QTNF5	3394330	3394338	2.52E-03
ICOSLG	3934407	3934430	2.52E-03
C7orf16	2995811	2995824	2.52E-03
TMEM71	3154185	3154200	2.52E-03
SLC28A3	3212420	3212441	2.53E-03
PNPLA6	3818897	3818962	2.53E-03
CTSG	3558347	3558357	2.53E-03
SCNN1D	2315674	2315729	2.53E-03
PDZD4	4026757	4026763	2.53E-03
BZRAP1	3764289	3764332	2.55E-03
DLEC1	2617477	2617536	2.55E-03
ATP4A	3859832	3859861	2.57E-03
STAG1	2696802	2696844	2.57E-03
DHX9	2370991	2371037	2.58E-03
PDS5A	2766588	2766623	2.58E-03
MREG	2598496	2598506	2.58E-03
FRK	2970897	2970900	2.59E-03
RLF	2331771	2331805	2.59E-03
PFKFB4	2673312	2673317	2.59E-03
ATL3	3376560	3376574	2.59E-03
PKHD1L1	3111561	3111644	2.59E-03
ADORA2B	3711869	3711870	2.59E-03
FAM148A	3596894	3596904	2.59E-03
ZNF507	3828887	3828930	2.60E-03
DNAH2	3709010	3709026	2.60E-03
SCMH1	2408499	2408504	2.61E-03
GPR52	2368180	2368183	2.62E-03
ZKSCAN3	2900497	2900502	2.62E-03
TRPV4	3470927	3470930	2.62E-03
ARID3A	3815278	3815280	2.62E-03
LTBP3	3377669	3377694	2.64E-03
MYO10	2850071	2850163	2.64E-03
BNIPL	2358646	2358655	2.64E-03
CACNG5	3732049	3732052	2.64E-03
TTRAP	2945645	2945648	2.65E-03
AGPAT5	3083936	3083966	2.65E-03
ADCY7	3659966	3659988	2.65E-03
UGGT1	2504883	2504935	2.65E-03
UACA	3631397	3631402	2.66E-03
CENPB	3895722	3895723	2.66E-03
CDH17	3144859	3144887	2.67E-03
AGPAT1	2949801	2949808	2.67E-03
HMGXB4	3944046	3944082	2.68E-03
RHOT1	3717539	3717551	2.68E-03
NEDD9	2941784	2941802	2.69E-03

MYO15B	3734966	3735083	2.70E-03
PLA2G2F	2323882	2323886	2.70E-03
ADAMTSL3	3605395	3605491	2.71E-03
CDK6	3061319	3061327	2.71E-03
C11orf42	3318595	3318603	2.71E-03
LYPD6	2510056	2510088	2.73E-03
AIPL1	3743038	3743064	2.73E-03
SIX5	3865618	3865625	2.73E-03
AHI1	2975385	2975392	2.73E-03
AFAP1L2	3307851	3307869	2.74E-03
RAB1B	3336074	3336089	2.75E-03
CD5L	2439138	2439157	2.75E-03
MED16	3844822	3844844	2.75E-03
A2BP1	3646613	3646903	2.76E-03
C2orf56	2477372	2477377	2.76E-03
UBE2A	3988874	3988886	2.77E-03
LILRB4	3841621	3841632	2.77E-03
FLJ42875	2392945	2392974	2.77E-03
ACTN2	2386943	2386991	2.77E-03
TLR10	2766192	2766197	2.77E-03
DZIP1	3521372	3521415	2.77E-03
MUSK	3184710	3184738	2.78E-03
PLSCR1	2699726	2699767	2.78E-03
SNORA66	2346863	2346909	2.78E-03
MTERFD1	3145586	3145588	2.78E-03
CACNA1I	3945942	3946025	2.79E-03
CPVL	3043648	3043693	2.79E-03
CHD5	2394478	2394532	2.79E-03
PTPRB	3461795	3461844	2.79E-03
TMEM200B	2403707	2403714	2.79E-03
BCL7C	3688038	3688054	2.80E-03
GRIK2	2918982	2919062	2.80E-03
PKN2	2345617	2345698	2.81E-03
FBN2	2874371	2874469	2.82E-03
ZNF503	3295376	3295431	2.82E-03
SLC30A8	3112584	3112628	2.83E-03
PCCB	2644014	2644040	2.83E-03
DECR2	3642837	3642852	2.83E-03
C17orf50	3718775	3718785	2.84E-03
ZNF493	3826601	3826613	2.84E-03
SPTBN5	3620156	3620207	2.85E-03
PTPRO	3406329	3406379	2.86E-03
MYST1	3656855	3656862	2.86E-03
DTNBP1	2943236	2943244	2.87E-03
SNRNP48	2893847	2893861	2.87E-03
BBS9	2996321	2996337	2.87E-03
KIAA1033	3429754	3429782	2.87E-03

DLG5	3296386	3296430	2.87E-03
RNF7	2645690	2645696	2.87E-03
FAM47B	3973396	3973398	2.88E-03
LAMB3	2453793	2453809	2.88E-03
FCGBP	3862188	3862202	2.89E-03
PPIL4	2978876	2978913	2.89E-03
PTGES	3227070	3227085	2.89E-03
APLF	2486851	2486873	2.90E-03
DCAF5	3569926	3569953	2.90E-03
C11orf59	3380980	3380991	2.91E-03
GFRA1	3308241	3308341	2.91E-03
NKD2	2798952	2798985	2.91E-03
CNOT7	3125775	3125783	2.91E-03
ABHD12B	3535307	3535308	2.92E-03
ZC3H6	2500722	2500762	2.92E-03
CRISPLD2	3671935	3671948	2.93E-03
GRIK1	3928211	3928246	2.93E-03
PAPPA2	2368590	2368597	2.93E-03
HCN4	3632424	3632436	2.93E-03
TRPM6	3210013	3210095	2.93E-03
ING3	3021123	3021135	2.93E-03
FLT1	3507282	3507322	2.94E-03
BCL2	3811339	3811448	2.94E-03
IQCE	2987578	2987616	2.94E-03
LIPG	3787855	3787861	2.94E-03
ANKRA2	2862380	2862400	2.95E-03
INTS10	3088405	3088429	2.96E-03
KCTD17	3944637	3944645	2.96E-03
WDR75	2519756	2519785	2.96E-03
DCAF8	2440018	2440089	2.99E-03
TET3	2489071	2489105	2.99E-03
ATM	3347658	3347731	2.99E-03
BZRAP1	3764289	3764344	2.99E-03
ITGB8	2991860	2991899	3.00E-03
NTN5	3867287	3867296	3.01E-03
SLC26A4	3018605	3018612	3.01E-03
ETNK2	2451870	2451888	3.02E-03
SF4	3855660	3855690	3.03E-03
FLJ46010	2812591	2812620	3.03E-03
GPR98	2819779	2819846	3.04E-03
BRSK1	3842059	3842079	3.04E-03
NUDCD1	3148796	3148811	3.04E-03
WDR60	3034449	3034473	3.04E-03
PEX19	2440117	2440124	3.04E-03
TTC14	2654306	2654321	3.04E-03
PKP2	3450234	3450240	3.04E-03
GIN1	2869275	2869296	3.04E-03

SNAP25	3876245	3876282	3.05E-03
ATXN10	3948754	3948847	3.05E-03
RYR1	3832457	3832489	3.06E-03
SMARCD2	3766415	3766425	3.06E-03
CNPY4	3015276	3015285	3.06E-03
YEATS2	2655168	2655172	3.07E-03
STC1	3128046	3128074	3.07E-03
GRWD1	3837796	3837815	3.07E-03
PAPLN	3543539	3543562	3.07E-03
RNF32	3033728	3033754	3.07E-03
PTGES	3227070	3227086	3.07E-03
RB1CC1	3135184	3135210	3.07E-03
TMEM126B	3342983	3342998	3.08E-03
ANKRD32	2820622	2820683	3.08E-03
RAB20	3525498	3525522	3.09E-03
MAP4	2672966	2672969	3.09E-03
SHANK1	3868587	3868604	3.09E-03
SCUBE1	3962839	3962893	3.10E-03
SEMA6D	3592755	3592851	3.10E-03
FHL2	2568687	2568729	3.10E-03
STAG3	3015338	3015343	3.11E-03
CNNM1	3260265	3260311	3.11E-03
INPP5F	3267382	3267399	3.11E-03
SYT9	3319073	3319100	3.11E-03
ITIH5L	4009751	4009758	3.11E-03
CARD14	3737192	3737232	3.12E-03
	2494151	2494159	3.13E-03
NBR1	3722417	3722470	3.13E-03
KIRREL	2362089	2362139	3.13E-03
TMEM165	2727793	2727838	3.14E-03
TRPM4	3838317	3838328	3.14E-03
C15orf27	3602569	3602603	3.14E-03
EFR3B	2473376	2473406	3.14E-03
ZNF770	3617830	3617831	3.14E-03
FGF1	2879166	2879188	3.15E-03
ZNF395	3129304	3129333	3.15E-03
SLC8A3	3570373	3570379	3.16E-03
RNGTT	2963929	2964012	3.16E-03
EXO1	2388219	2388244	3.19E-03
RBL1	3904747	3904752	3.19E-03
KIAA0427	3787675	3787687	3.20E-03
SSH3	3336906	3336944	3.20E-03
LCP2	2886595	2886621	3.21E-03
PUS7L	3451670	3451689	3.21E-03
ZDHHC17	3423184	3423199	3.21E-03
LRRC6	3154136	3154151	3.21E-03
PCDH24	2842624	2842664	3.21E-03

PNLIPRP2	3265952	3265966	3.22E-03
NEDD9	2941784	2941793	3.22E-03
BCL7C	3688038	3688059	3.22E-03
MMAA	2746164	2746178	3.23E-03
NXF3	4016319	4016321	3.23E-03
BCL7C	3688038	3688060	3.24E-03
SCEL	3494629	3494683	3.25E-03
ABCC12	3690388	3690410	3.26E-03
ZNF721	2756404	2756420	3.26E-03
PPCDC	3602039	3602047	3.26E-03
LRP5	3337516	3337600	3.27E-03
CCT4	2555630	2555674	3.27E-03
MRPL13	3150797	3150819	3.27E-03
TBX2	3729834	3729878	3.27E-03
ADAMTS19	2827772	2827775	3.28E-03
HEMK1	2622859	2622890	3.28E-03
KIAA1712	2752243	2752258	3.28E-03
LOC84856	3243581	3243593	3.28E-03
HIP1	3057370	3057390	3.29E-03
ATP2C1	2642325	2642385	3.29E-03
UPK1B	2637831	2637844	3.30E-03
ZHX2	3113894	3113896	3.30E-03
FAM71E2	3871389	3871397	3.30E-03
RNF160	3927949	3927984	3.31E-03
RGS18	2372719	2372727	3.32E-03
AGGF1	2816563	2816583	3.32E-03
UNC45A	3608520	3608538	3.33E-03
TJP1	3615579	3615600	3.33E-03
CSPG5	2672821	2672824	3.33E-03
GLCCI1	2989537	2989653	3.33E-03
TJP1	3615579	3615619	3.33E-03
TEAD3	2951500	2951502	3.33E-03
CC2D1A	3822444	3822489	3.35E-03
ZNF317	3819880	3819900	3.36E-03
SERPINB12	3791815	3791837	3.36E-03
KLK10	3868828	3868838	3.36E-03
CEP350	2369843	2369870	3.36E-03
MUC4	2712236	2712276	3.36E-03
MED14	4005644	4005649	3.36E-03
CRYGS	2709402	2709407	3.36E-03
TCFL5	3913483	3913507	3.37E-03
TNFAIP8L3	3623948	3623951	3.37E-03
SNAP29	3937755	3937759	3.37E-03
FBXO8	2794356	2794357	3.37E-03
ESYT2	3082248	3082253	3.38E-03
C5orf34	2855614	2855626	3.39E-03
CLOCK	2769947	2769999	3.39E-03

PLCB2	3619326	3619344	3.39E-03
CNTROB	3709327	3709343	3.39E-03
SMC3	3263790	3263807	3.40E-03
IFNA5	3201255	3201261	3.40E-03
SLC22A9	3333831	3333860	3.40E-03
WDR64	2388148	2388203	3.42E-03
IL27RA	3822551	3822567	3.42E-03
FLT1	3507282	3507375	3.43E-03
CDC14A	2348896	2348934	3.43E-03
MCM5	3944147	3944174	3.43E-03
ERCC1	3865378	3865397	3.43E-03
MAP3K7IP2	2930592	2930650	3.44E-03
PRPF6	3893849	3893865	3.44E-03
SMARCA4	3820921	3820965	3.44E-03
ESCO1	3800779	3800799	3.44E-03
VWF	3441685	3441785	3.44E-03
GOLGA1	3225224	3225282	3.45E-03
MRGPRF	3379777	3379781	3.45E-03
NAPSA	3868400	3868435	3.45E-03
CTTN	3338552	3338613	3.45E-03
KLK2	3839563	3839570	3.45E-03
KIAA0391	3532393	3532426	3.45E-03
UNQ9374	2886535	2886539	3.46E-03
CKAP5	3371719	3371784	3.46E-03
DNAI1	3167427	3167431	3.46E-03
CUL9	2907754	2907791	3.46E-03
BRD8	2877257	2877291	3.47E-03
EPB41L1	3883690	3883773	3.47E-03
LILRA3	3870611	3870670	3.48E-03
SLC9A3	2845362	2845366	3.48E-03
ASCC3	2966636	2966723	3.48E-03
C20orf185	3882241	3882254	3.49E-03
LMO7	3494137	3494238	3.49E-03
PHGDH	2354634	2354690	3.49E-03
ZP3	3009441	3009448	3.49E-03
PTPRE	3270270	3270353	3.50E-03
MUPCDH	3358201	3358235	3.50E-03
TTK	2914777	2914782	3.52E-03
DENND5A	3362263	3362306	3.52E-03
SPPL2B	3816424	3816452	3.52E-03
SLC35B3	2940987	2941009	3.52E-03
TRIO	2802398	2802507	3.52E-03
CRTC1	3825292	3825369	3.53E-03
FCHSD1	2878778	2878792	3.53E-03
ABCA12	2598145	2598185	3.54E-03
AKAP9	3012381	3012499	3.54E-03
TRMT6	3896524	3896539	3.55E-03

SLCO4A1	3892812	3892846	3.55E-03
RASGRF2	2817941	2817998	3.55E-03
SLMAP	2625793	2625843	3.55E-03
ZNF790	3860491	3860536	3.55E-03
SERPINI1	2651165	2651180	3.56E-03
SMEK1	3576545	3576552	3.56E-03
CFTR	3020646	3020699	3.56E-03
GPHN	3540862	3540864	3.56E-03
ESCO1	3800779	3800797	3.56E-03
FASN	3774635	3774687	3.57E-03
LLGL2	3734903	3734926	3.57E-03
PRKCA	3731826	3732006	3.57E-03
CASC1	3447798	3447800	3.58E-03
C2orf65	2560317	2560350	3.58E-03
AGPAT2	3230282	3230287	3.59E-03
TTK	2914777	2914791	3.60E-03
C2orf19	2605660	2605665	3.60E-03
CDCA8	2330773	2330788	3.60E-03
MMP28	3753760	3753784	3.60E-03
ROBO3	3354293	3354340	3.61E-03
C12orf24	3431553	3431556	3.61E-03
HYDIN	3697434	3697486	3.62E-03
PHC3	2704894	2704908	3.62E-03
ZNF550	3872310	3872315	3.62E-03
NT5DC3	3468743	3468752	3.63E-03
UBE2CBP	2962683	2962731	3.63E-03
USF2	3830277	3830279	3.63E-03
B4GALNT3	3400236	3400238	3.64E-03
SLC35B2	2955061	2955068	3.65E-03
EDN2	2408643	2408669	3.66E-03
MTTP	2737257	2737279	3.66E-03
TET1	3249886	3249904	3.66E-03
FLNA	4027176	4027177	3.68E-03
GNB3	3402874	3402880	3.68E-03
	3259367	3259382	3.68E-03
DTWD1	3593452	3593479	3.68E-03
HIP1	3057370	3057400	3.68E-03
MSH5	2902633	2902656	3.69E-03
SMC6	2541944	2541963	3.69E-03
	3874584	3874587	3.69E-03
ZNF493	3826601	3826620	3.69E-03
UTP3	2730531	2730532	3.70E-03
ATP2A1	3655060	3655080	3.70E-03
PDE2A	3381150	3381154	3.71E-03
LRR6	3154136	3154144	3.71E-03
C8orf41	3130823	3130838	3.71E-03
FAM178A	3260829	3260839	3.71E-03

ERN1	3766651	3766657	3.72E-03
NAE1	3695268	3695269	3.72E-03
SLC12A5	3887241	3887275	3.72E-03
GLYR1	3678395	3678402	3.72E-03
CDH4	3892067	3892091	3.73E-03
ECE2	2655606	2655621	3.73E-03
LHX4	2370032	2370061	3.73E-03
PCDHGA9	2832533	2832624	3.74E-03
VWA3B	2495279	2495400	3.75E-03
SNAPIN	2359764	2359770	3.75E-03
TGDS	3520989	3521001	3.75E-03
USP34	2555277	2555401	3.76E-03
DUS4L	3018509	3018534	3.76E-03
ZBTB2	2979679	2979680	3.76E-03
ATP2A2	3431483	3431539	3.77E-03
EML4	2478748	2478794	3.77E-03
CYP19A1	3624003	3624038	3.77E-03
ATF6B	2949622	2949729	3.78E-03
ESRRB	3545022	3545056	3.78E-03
AMOTL1	3345222	3345248	3.78E-03
ZNF26	3439063	3439109	3.78E-03
YEATS2	2655168	2655248	3.79E-03
NKTR	2619344	2619386	3.79E-03
ZNF425	3078493	3078496	3.79E-03
FASN	3774635	3774663	3.80E-03
FIGNL1	3050367	3050380	3.80E-03
DEPDC4	3467788	3467789	3.80E-03
SEC31B	3303478	3303513	3.81E-03
DTX1	3432556	3432579	3.81E-03
CEP170	2463864	2463865	3.81E-03
C5orf24	2829542	2829549	3.81E-03
RASEF	3211938	3211983	3.82E-03
PAFAH2	2402493	2402509	3.82E-03
WNK2	3179706	3179791	3.82E-03
MLL5	3017547	3017616	3.83E-03
HTR1F	2631940	2631977	3.83E-03
CNKSR1	2326327	2326339	3.84E-03
NIPSNAP1	3956909	3956913	3.84E-03
TEKT4	2493746	2493758	3.84E-03
KRT2	3455692	3455714	3.84E-03
ESCO1	3800779	3800796	3.85E-03
CCDC91	3409432	3409503	3.85E-03
RNASEL	2447124	2447129	3.85E-03
MMP11	3939470	3939477	3.86E-03
C9orf100	3204692	3204712	3.86E-03
TTC37	2867693	2867708	3.86E-03
GABRA2	2767972	2768011	3.88E-03

KPNA6	2328674	2328698	3.88E-03
PI4K2B	2721777	2721800	3.88E-03
ZNF461	3860596	3860606	3.88E-03
RELA	3377789	3377803	3.88E-03
FLJ41603	2835166	2835193	3.89E-03
HERC2	3614901	3614922	3.89E-03
IGSF1	4021777	4021789	3.89E-03
MGAT4A	2566414	2566450	3.89E-03
ABI2	2523689	2523735	3.90E-03
GDAP1	3103607	3103630	3.91E-03
MMP15	3663074	3663090	3.91E-03
SBF1	3965833	3965908	3.91E-03
SCGB2A1	3333417	3333423	3.92E-03
WNT1	3413701	3413715	3.92E-03
FBLIM1	2322036	2322038	3.92E-03
ZNF154	3872380	3872386	3.93E-03
KCNN4	3864646	3864659	3.93E-03
FERMT2	3564919	3564951	3.93E-03
UNC84B	3960827	3960834	3.94E-03
KDR	2769810	2769863	3.94E-03
CHRNA4	3913775	3913789	3.94E-03
ALLC	2467249	2467291	3.95E-03
KIAA0895L	3695450	3695462	3.95E-03
IGFBP5	2598828	2598834	3.96E-03
LIPI	3925381	3925409	3.96E-03
KCTD10	3470793	3470796	3.96E-03
ADAP1	3034987	3034993	3.97E-03
SDCCAG3	3229943	3229974	3.97E-03
RCSD1	2365872	2365921	3.99E-03
	2805482	2805487	3.99E-03
LY96	3103523	3103532	4.00E-03
ADAMTSL3	3605395	3605447	4.00E-03
ALOX12	3708160	3708162	4.01E-03
PIGB	3594825	3594871	4.01E-03
ZNF638	2488114	2488209	4.01E-03
GOLGB1	2691718	2691746	4.02E-03
SLC39A12	3237352	3237364	4.02E-03
ATP13A2	2398736	2398748	4.02E-03
ARHGAP12	3283920	3283968	4.03E-03
C9orf156	3216931	3216951	4.03E-03
CCDC146	3009838	3009885	4.03E-03
ZNF644	2422517	2422527	4.03E-03
EIF2C3	2330133	2330194	4.04E-03
NRAS	2429261	2429263	4.04E-03
NIPSNAP3A	3182957	3182979	4.05E-03
FLJ25328	3823488	3823501	4.07E-03
LRP1	3417842	3417857	4.07E-03

RAD17	2813524	2813540	4.07E-03
CHID1	3358538	3358584	4.08E-03
ZMAT4	3132616	3132649	4.08E-03
CALCR	3061538	3061548	4.09E-03
TRIM31	2948205	2948231	4.10E-03
TCF7L1	2491386	2491396	4.11E-03
PPP2R1B	3391029	3391059	4.11E-03
C1orf63	2402111	2402114	4.11E-03
ATM	3347658	3347686	4.11E-03
SMEK3P	4003500	4003510	4.12E-03
MYH10	3744463	3744569	4.12E-03
CEP135	2727976	2727978	4.13E-03
BSG	3815014	3815021	4.13E-03
SH3YL1	2537109	2537112	4.14E-03
HSPA14	3236395	3236435	4.14E-03
C7orf27	3035795	3035799	4.15E-03
IGSF9	2439861	2439892	4.15E-03
NGEF	2603987	2604014	4.16E-03
CASS4	3890180	3890183	4.16E-03
ZG16B	3645359	3645362	4.16E-03
KIAA0195	3734797	3734860	4.17E-03
C20orf27	3895679	3895687	4.18E-03
ERCC8	2858668	2858674	4.19E-03
	3686635	3686645	4.21E-03
GPR160	2651835	2651870	4.21E-03
CC2D1B	2412740	2412766	4.21E-03
ZNF551	3843463	3843474	4.21E-03
NRK	3986087	3986132	4.22E-03
PIBF1	3493448	3493466	4.22E-03
STK36	2527971	2527974	4.22E-03
RYR1	3832457	3832524	4.22E-03
TNR	2444899	2444912	4.23E-03
SLCO1B3	3407629	3407663	4.24E-03
ZNF83	3869650	3869652	4.25E-03
HPRT1	3991698	3991712	4.25E-03
PIK3R2	3824838	3824841	4.25E-03
TNS3	3049522	3049595	4.26E-03
THOC1	3795680	3795713	4.27E-03
HPCAL1	7385611	2469440	4.28E-03
RBM12	3904119	3904152	4.28E-03
HSD3B1	2354553	2354567	4.28E-03
ACOT12	2864796	2864809	4.28E-03
ERBB3	3417249	3417259	4.28E-03
C6orf227	2950771	2950774	4.28E-03
ATP2B3	3995666	3995692	4.28E-03
ARHGEF15	3709604	3709609	4.29E-03
CXorf40A	3994451	3994459	4.29E-03

ADAP1	3034987	3034992	4.30E-03
GPS1	3738490	3738503	4.30E-03
VWA3B	2495279	2495359	4.31E-03
ADCK1	3545564	3545592	4.31E-03
NEK1	2793221	2793268	4.31E-03
RPE65	2417500	2417513	4.33E-03
COPS8	2534126	2534137	4.33E-03
SPAG5	3750785	3750828	4.33E-03
GPC6	3496637	3496640	4.33E-03
RECQL	3446796	3446811	4.33E-03
SYCP1	2353021	2353066	4.34E-03
ZNHIT3	3719112	3719119	4.34E-03
MRPS27	2861952	2861988	4.34E-03
GALNTL4	3363091	3363108	4.36E-03
RELA	3377789	3377796	4.36E-03
C13orf23	3510362	3510373	4.36E-03
MTHFD1L	2931391	2931484	4.37E-03
ESCO1	3800779	3800795	4.37E-03
RANBP2	2499158	2499188	4.37E-03
LRCH4	3064082	3064107	4.37E-03
CCDC52	2689112	2689130	4.38E-03
ADCY1	3000342	3000416	4.39E-03
MRPL44	2529782	2529784	4.39E-03
TP53RK	3908052	3908056	4.40E-03
QSOX2	3229797	3229798	4.40E-03
OLFM1	3193725	3193743	4.40E-03
C2orf67	2597273	2597288	4.41E-03
OGFOD2	3435653	3435674	4.41E-03
AOAH	3046062	3046135	4.41E-03
TRIM28	3844238	3844255	4.41E-03
OPN1SW	3071860	3071865	4.42E-03
PRKD1	3559192	3559287	4.44E-03
ENOSF1	3795866	3795906	4.44E-03
C16orf67	3657286	3657288	4.45E-03
KIAA0513	3672059	3672071	4.45E-03
SBF1	3965833	3965909	4.45E-03
KIAA1609	3702499	3702500	4.45E-03
TSPYL5	3145801	3145813	4.46E-03
C11orf35	3358112	3358136	4.46E-03
PAPOLG	2484305	2484315	4.46E-03
CBR4	2793054	2793095	4.46E-03
PTPRT	3906390	3906486	4.47E-03
UPP1	3000953	3000954	4.47E-03
PRPF39	3534201	3534233	4.48E-03
CACNB2	3237396	3237462	4.48E-03
ZC3HC1	3072368	3072400	4.48E-03
CDCA4	3581386	3581394	4.48E-03

TRIM54	2474430	2474444	4.48E-03
CREBBP	3677795	3677888	4.48E-03
EZH2	3078348	3078386	4.49E-03
SH3RF1	2793137	2793156	4.50E-03
DDR1	2901970	2901988	4.50E-03
EPS15L1	3853814	3853884	4.50E-03
KIAA0913	3251926	3251950	4.50E-03
C20orf132	3904797	3904821	4.51E-03
SLC35A1	2916345	2916382	4.51E-03
CPB2	3512843	3512847	4.52E-03
RTTN	3812426	3812492	4.52E-03
SLMAP	2625793	2625825	4.52E-03
OVOL1	3335571	3335588	4.52E-03
ATP12A	3481890	3481925	4.52E-03
PQBP1	3976930	3976940	4.53E-03
RTN2	3865422	3865424	4.53E-03
LONP1	3847356	3847371	4.53E-03
LIPF	3256914	3256929	4.53E-03
KCTD15	3829471	3829478	4.53E-03
ARMC9	2531779	2531798	4.54E-03
MARK1	2381177	2381241	4.54E-03
HLX	2381368	2381389	4.55E-03
CNTNAP4	3669171	3669203	4.55E-03
LRDD	3358425	3358435	4.55E-03
CTBS	2420467	2420470	4.55E-03
TLR10	2766192	2766195	4.56E-03
	2769095	2769100	4.56E-03
AHCY	3903361	3903386	4.57E-03
ZMAT1	4016001	4016008	4.58E-03
LOC96610	3938384	3938416	4.58E-03
PCDHB13	2832447	2832457	4.58E-03
CDC40	2921086	2921129	4.59E-03
GTF2I	3008376	3008409	4.59E-03
MAP3K6	2403027	2403038	4.60E-03
DPH5	2425447	2425461	4.61E-03
IQGAP3	2438282	2438333	4.61E-03
HSD3B7	3656737	3656749	4.61E-03
CNTN4	2607923	2608065	4.61E-03
10-Mar	3766013	3766037	4.63E-03
PPP4C	3655961	3655964	4.63E-03
DKFZp451A211	3526495	3526500	4.63E-03
HOOK2	3851720	3851746	4.64E-03
TRIM23	2859734	2859745	4.64E-03
KIAA0746	2764192	2764258	4.65E-03
ELAVL2	3201784	3201816	4.65E-03
FBXL6	3158478	3158483	4.65E-03
PLXNA3	3996467	3996487	4.66E-03

FGFR2	3310041	3310147	4.67E-03
ZNF280D	3625823	3625884	4.67E-03
TAF1D	3386814	3386853	4.68E-03
NOTCH1	3230141	3230180	4.68E-03
HAUS5	3830571	3830583	4.69E-03
SYNGR4	3837744	3837751	4.69E-03
MAOB	4006210	4006224	4.70E-03
CACNA1G	3726618	3726633	4.70E-03
KIAA1586	2911257	2911269	4.71E-03
VPS37B	3475838	3475841	4.71E-03
DHRS3	2397025	2397045	4.71E-03
RYBP	2682436	2682437	4.72E-03
KIF9	2672629	2672666	4.73E-03
CSRP3	3365757	3365767	4.73E-03
HMG20A	3602873	3602904	4.73E-03
SLC2A13	3450899	3450943	4.74E-03
RORC	2435261	2435276	4.74E-03
SLC17A9	3893086	3893103	4.75E-03
GALNT9	3479015	3479027	4.76E-03
NUDCD1	3148796	3148814	4.76E-03
RAB1B	3336074	3336086	4.76E-03
PPP1R15B	2452049	2452050	4.76E-03
JAG1	3897505	3897555	4.76E-03
ABCA8	3768627	3768696	4.77E-03
PRODH2	3860003	3860021	4.77E-03
FAIM	2644702	2644713	4.78E-03
OGDHL	3288803	3288813	4.78E-03
COL11A1	2425756	2425793	4.78E-03
HACL1	2664395	2664416	4.79E-03
HOXA3	3042777	3042788	4.80E-03
USP36	3772581	3772648	4.80E-03
CRH	3138618	3138620	4.81E-03
SCFD1	3531032	3531051	4.81E-03
SPATC1	3119970	3119979	4.82E-03
PON1	3061942	3061943	4.82E-03
SMARCAD1	2736259	2736292	4.83E-03
C6orf204	2971564	2971587	4.83E-03
PDXK	3923257	3923294	4.85E-03
FAM175B	3269280	3269281	4.85E-03
SLC35B3	2940987	2941001	4.85E-03
KDM4B	3817733	3817837	4.85E-03
TTC17	3327948	3327966	4.85E-03
GDF1	3855285	3855291	4.86E-03
SH3YL1	2537109	2537114	4.86E-03
HSPG2	2400793	2400928	4.86E-03
RIPK3	3558226	3558245	4.87E-03
EPHA10	2407314	2407331	4.88E-03

OCRL	3990374	3990390	4.88E-03
SBNO2	3844978	3844981	4.88E-03
LAMA5	3913018	3913022	4.88E-03
ITGA11	3630736	3630804	4.89E-03
AMZ2	3732736	3732780	4.90E-03
C18orf32	3807474	3807475	4.91E-03
FMO1	2367050	2367051	4.92E-03
HOXB3	3761313	3761315	4.92E-03
BAZ1A	3560711	3560713	4.92E-03
C12orf36	3445252	3445261	4.93E-03
C7orf64	3012677	3012682	4.93E-03
RUFY2	3292634	3292668	4.93E-03
AGGF1	2816563	2816585	4.93E-03
MYH14	3839206	3839213	4.94E-03
STAG1	2696802	2696803	4.94E-03
ITGB3BP	2416218	2416245	4.94E-03
C3orf51	2677624	2677626	4.94E-03
HELQ	2776026	2776066	4.95E-03
TM9SF3	3301857	3301862	4.95E-03
PTP4A1	2911903	2911933	4.96E-03
ANKS3	3678279	3678312	4.96E-03
NOTCH3	3853108	3853162	4.96E-03
CDC40	2921086	2921119	4.96E-03
GPR124	3094334	3094338	4.96E-03
GIN1	2869275	2869279	4.96E-03
ITLN2	2440440	2440450	4.97E-03
RBAK	2988459	2988484	4.97E-03
KCNIP4	2762944	2762970	4.97E-03
KCNK10	3575241	3575287	4.97E-03
GLI2	2503374	2503433	4.97E-03
TULP2	3867493	3867498	4.97E-03
C19orf59	3819088	3819090	4.97E-03
CAND1	3420713	3420747	4.99E-03
BUB1B	3589697	3589714	5.00E-03
	2713837	2713854	5.00E-03
MYO1D	3752709	3752793	5.00E-03

Fold-Change (Vasospasm vs. No vasospasm)	Fold-Change (Vasospasm vs. No vasospasm) (Description)
-1.37	Vasospasm down vs No vasospasm
1.74	Vasospasm up vs No vasospasm
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-1.52	Vasospasm down vs No vasospasm
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-1.46	Vasospasm down vs No vasospasm
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-1.26	Vasospasm down vs No vasospasm
-1.61	Vasospasm down vs No vasospasm
-1.38	Vasospasm down vs No vasospasm
-1.38	Vasospasm down vs No vasospasm
-1.29	Vasospasm down vs No vasospasm
-1.33	Vasospasm down vs No vasospasm
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-1.57	Vasospasm down vs No vasospasm
-1.28	Vasospasm down vs No vasospasm
-1.30	Vasospasm down vs No vasospasm
-1.49	Vasospasm down vs No vasospasm
-1.43	Vasospasm down vs No vasospasm
-1.36	Vasospasm down vs No vasospasm
-1.43	Vasospasm down vs No vasospasm
-1.78	Vasospasm down vs No vasospasm
-1.65	Vasospasm down vs No vasospasm
-1.58	Vasospasm down vs No vasospasm
1.63	Vasospasm up vs No vasospasm
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-1.41	Vasospasm down vs No vasospasm
-1.70	Vasospasm down vs No vasospasm
-1.42	Vasospasm down vs No vasospasm
1.94	Vasospasm up vs No vasospasm
1.25	Vasospasm up vs No vasospasm
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