

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr1	631821	632221	Promoter (<=1kb)	1	594198	631204	-617	ENSG00000230021	LOC101928626
NR4A1_Medium	chr1	1074381	1074781	Promoter (<=1kb)	1	1070967	1074306	-75	ENSG00000237330	RNF223
NR4A1_Medium	chr1	1347776	1348176	Promoter (<=1kb)	1	1341770	1348955	779	ENSG00000107404	DVL1
NR4A1_Medium	chr1	1360776	1361176	Promoter (<=1kb)	1	1352692	1361777	601	ENSG00000162576	MXRA8
NR4A1_Medium	chr1	1479518	1479918	Promoter (<=1kb)	1	1479049	1482662	469	ENSG00000160072	ATAD3B
NR4A1_Medium	chr1	1596082	1596482	Promoter (3-4kb)	1	1598012	1600135	3653	ENSG00000228594	FNDC10
NR4A1_Medium	chr1	1803882	1804282	Promoter (9-10kb)	1	1787987	1794197	-9685	ENSG00000078369	GNB1
NR4A1_Medium	chr1	1842152	1842552	Promoter (9-10kb)	1	1804526	1832285	-9867	ENSG00000078369	GNB1
NR4A1_Medium	chr1	1893863	1894263	Promoter (2-3kb)	1	1785285	1891117	-2746	ENSG00000078369	GNB1
NR4A1_Medium	chr1	2052261	2052661	Promoter (1-2kb)	1	2050808	2059591	1453	ENSG00000067606	PRKCZ
NR4A1_Medium	chr1	2155156	2155556	Promoter (9-10kb)	1	2145387	2185116	9769	ENSG00000067606	PRKCZ
NR4A1_Medium	chr1	2430881	2431281	Promoter (4-5kb)	1	2425980	2479804	4901	ENSG00000149527	PLCH2
NR4A1_Medium	chr1	3026013	3026413	Promoter (4-5kb)	1	3021467	3022903	4546	ENSG00000169717	ACTRT2
NR4A1_Medium	chr1	3051397	3051797	Promoter (9-10kb)	1	3059617	3061751	9954	ENSG00000177133	PRDM16-DT
NR4A1_Medium	chr1	3560949	3561349	Promoter (<=1kb)	1	3560695	3560790	-159	ENSG00000207776	MIR551A
NR4A1_Medium	chr1	3605371	3605771	Promoter (5-6kb)	1	3490562	3611277	5506	ENSG00000162591	MEGF6
NR4A1_Medium	chr1	3676019	3676419	Promoter (5-6kb)	1	3682366	3733079	-5947	ENSG00000078900	TP73
NR4A1_Medium	chr1	3782974	3783374	Promoter (<=1kb)	1	3781290	3784047	673	ENSG00000130764	LRRC47
NR4A1_Medium	chr1	6017214	6017614	Promoter (8-9kb)	1	6026013	6099119	-8399	ENSG00000069424	KCNAB2
NR4A1_Medium	chr1	6107627	6108027	Promoter (<=1kb)	1	6105081	6106772	-855	ENSG00000116254	CHD5
NR4A1_Medium	chr1	6150078	6150478	Promoter (5-6kb)	1	6105081	6144104	-5974	ENSG00000116254	CHD5
NR4A1_Medium	chr1	6151397	6151797	Promoter (7-8kb)	1	6105081	6144104	-7293	ENSG00000116254	CHD5
NR4A1_Medium	chr1	6175595	6175995	Promoter (4-5kb)	1	6105091	6180023	4028	ENSG00000116254	CHD5
NR4A1_Medium	chr1	8356626	8357026	Promoter (5-6kb)	1	8355521	8362844	5818	ENSG00000142599	RERE
NR4A1_Medium	chr1	9356773	9357173	Promoter (1-2kb)	1	9355707	9367575	1066	ENSG00000171621	SPSB1
NR4A1_Medium	chr1	9882343	9882743	Promoter (4-5kb)	1	9850659	9878176	-4167	ENSG00000178585	CTNBP1
NR4A1_Medium	chr1	10661635	10662035	Promoter (<=1kb)	1	10658007	10661398	-237	ENSG00000130940	CASZ1
NR4A1_Medium	chr1	10710784	10711184	Promoter (5-6kb)	1	10704196	10705575	-5209	ENSG00000130940	CASZ1
NR4A1_Medium	chr1	12479135	12479535	Promoter (<=1kb)	1	12478549	12506972	586	ENSG00000048707	VPS13D
NR4A1_Medium	chr1	12583278	12583678	Promoter (4-5kb)	1	12578957	12579023	-4255	ENSG00000276830	MIR6730
NR4A1_Medium	chr1	12644723	12645123	Promoter (<=1kb)	1	12644547	12667086	176	ENSG00000204518	AADA4L4
NR4A1_Medium	chr1	13513719	13514119	Promoter (<=1kb)	1	13474973	13514003	0	ENSG00000162494	LRRC38
NR4A1_Medium	chr1	16142584	16142984	Promoter (3-4kb)	1	16134560	16146450	3466	ENSG00000142627	EPHA2
NR4A1_Medium	chr1	16629307	16629707	Promoter (<=1kb)	1	16618256	16628652	-655	ENSG00000215908	CROCCP2
NR4A1_Medium	chr1	16631527	16631927	Promoter (<=1kb)	1	16618256	16631109	-418	ENSG00000215908	CROCCP2
NR4A1_Medium	chr1	16716348	16716748	Promoter (3-4kb)	1	16692280	16720157	3409	NA	ESPNP
NR4A1_Medium	chr1	18357144	18357544	Promoter (3-4kb)	1	18361367	18378483	-3823	ENSG00000117154	IGSF21
NR4A1_Medium	chr1	18385014	18385414	Promoter (9-10kb)	1	18375957	18376920	9057	ENSG00000117154	IGSF21
NR4A1_Medium	chr1	18858242	18858642	Promoter (1-2kb)	1	18839599	18859682	1040	ENSG00000179002	TAS1R2
NR4A1_Medium	chr1	20290995	20291395	Promoter (<=1kb)	1	20290937	20339222	58	ENSG00000158816	VWA5B1
NR4A1_Medium	chr1	20485905	20486305	Promoter (<=1kb)	1	20482391	20486210	0	ENSG00000162545	CAMK2N1
NR4A1_Medium	chr1	22563957	22564357	Promoter (<=1kb)	1	22563564	22589621	393	ENSG00000070886	EPHA8
NR4A1_Medium	chr1	22769914	22770314	Promoter (4-5kb)	1	22775178	22913752	-4864	ENSG00000133216	EPHB2
NR4A1_Medium	chr1	22853066	22853466	Promoter (9-10kb)	1	22863159	22863226	9760	ENSG00000264014	MIR4253
NR4A1_Medium	chr1	23625941	23626341	Promoter (<=1kb)	1	23627334	23640568	-993	ENSG00000197880	MDS2
NR4A1_Medium	chr1	23681366	23681766	Promoter (9-10kb)	1	23691742	23696417	-9976	ENSG00000142676	RPL11
NR4A1_Medium	chr1	24067078	24067478	Promoter (<=1kb)	1	24056035	24066579	-499	ENSG00000142661	MYOM3
NR4A1_Medium	chr1	26028416	26028816	Promoter (3-4kb)	1	26032130	26035004	-3314	ENSG00000158008	EXTL1
NR4A1_Medium	chr1	36182598	36182998	Promoter (3-4kb)	1	36179021	36180315	3577	ENSG00000116871	MAP7D1
NR4A1_Medium	chr1	36431171	36431571	Promoter (7-8kb)	1	36422786	36439000	7429	ENSG00000116885	OSCP1
NR4A1_Medium	chr1	37559673	37560073	Promoter (<=1kb)	1	37560538	37566856	-465	ENSG00000163879	DNALI1
NR4A1_Medium	chr1	43583070	43583470	Promoter (<=1kb)	1	43582480	43591118	590	ENSG00000142949	PTPRF
NR4A1_Medium	chr1	43906450	43906850	Promoter (6-7kb)	1	43899588	43930176	6862	ENSG00000126091	ST3GAL3
NR4A1_Medium	chr1	44838362	44838762	Promoter (4-5kb)	1	44819844	44842944	4182	ENSG00000117425	PTCH2
NR4A1_Medium	chr1	46425076	46425476	Promoter (6-7kb)	1	46432129	46445321	-6653	NA	FAAHP1
NR4A1_Medium	chr1	46811347	46811747	Promoter (<=1kb)	1	46811103	46817181	244	ENSG00000142973	CYP4B1
NR4A1_Medium	chr1	47184334	47184734	Promoter (<=1kb)	1	47183600	47185344	610	ENSG00000162366	PDZK1IP1
NR4A1_Medium	chr1	48227033	48227433	Promoter (1-2kb)	1	48229080	48231578	-1647	ENSG00000117834	SLC5A9
NR4A1_Medium	chr1	53097164	53097564	Promoter (6-7kb)	1	53087184	53090982	-6182	ENSG00000162383	SLC1A7
NR4A1_Medium	chr1	54698894	54699294	Promoter (<=1kb)	1	54699296	54742231	-2	ENSG00000271723	MROH7-TTC4
NR4A1_Medium	chr1	67212522	67212922	Promoter (4-5kb)	1	67207638	67259675	4884	ENSG00000162594	IL23R
NR4A1_Medium	chr1	109121873	109122273	Promoter (7-8kb)	1	109114173	109191605	7700	ENSG00000116299	ELAPOR1
NR4A1_Medium	chr1	109668035	109668435	Promoter (<=1kb)	1	109668036	109675283	0	ENSG00000213366	GSTM2
NR4A1_Medium	chr1	111856530	111856930	Promoter (<=1kb)	1	111853762	111856905	0	ENSG00000232558	KCND3-IT1
NR4A1_Medium	chr1	111982066	111982466	Promoter (<=1kb)	1	111770662	111982796	330	ENSG00000171385	KCND3
NR4A1_Medium	chr1	150981329	150981729	Promoter (<=1kb)	1	150982249	150984371	-520	ENSG00000143412	ANXA9
NR4A1_Medium	chr1	151893216	151893616	Promoter (1-2kb)	1	151874377	151891440	-1776	ENSG00000159445	THEM4
NR4A1_Medium	chr1	156595256	156595656	Promoter (<=1kb)	1	156595720	156596502	846	ENSG00000160818	GPATCH4
NR4A1_Medium	chr1	156665883	156666283	Promoter (9-10kb)	1	156656729	156659532	9154	ENSG00000132692	BCAN
NR4A1_Medium	chr1	160151727	160152127	Promoter (<=1kb)	1	160151586	160186977	141	ENSG00000132681	ATP1A4
NR4A1_Medium	chr1	182236586	182236986	Promoter (7-8kb)	1	182129310	182244399	7413	NA	LINC01344
NR4A1_Medium	chr1	201211300	201211700	Promoter (<=1kb)	1	201212642	201228952	-942	ENSG00000163395	IGFN1
NR4A1_Medium	chr1	202165148	202165548	Promoter (2-3kb)	1	202168051	202189296	-2503	ENSG00000243323	PTPRVP
NR4A1_Medium	chr1	204081919	204082319	Promoter (3-4kb)	1	204078129	204116627	3790	ENSG00000143842	SOX13
NR4A1_Medium	chr1	204195159	204195559	Promoter (<=1kb)	1	204190341	204196491	932	ENSG00000170498	KISS1
NR4A1_Medium	chr1	204683165	204683565	Promoter (1-2kb)	1	204617170	204685353	1788	ENSG00000170382	LRRN2
NR4A1_Medium	chr1	205682967	205683367	Promoter (2-3kb)	1	205657851	205680509	-2458	ENSG00000158715	SLC45A3
NR4A1_Medium	chr1	211254591	211254991	Promoter (3-4kb)	1	211258377	211276335	-3386	ENSG00000117625	RCOR3
NR4A1_Medium	chr1	213904935	213905335	Promoter (8-9kb)	1	213894663	213895970	-8965	ENSG00000230461	PROX1-AS1
NR4A1_Medium	chr1	227559961	227560361	Promoter (3-4kb)	1	227563543	227677443	-3182	ENSG00000181450	ZNF678
NR4A1_Medium	chr1	227740730	227741167	Promoter (4-5kb)	1	227736173	227748115	4557	ENSG00000143740	SNAP47
NR4A1_Medium	chr1	228071255	228071655	Promoter (4-5kb)	1	228073909	228076550	4895	ENSG00000276255	LINC02809
NR4A1_Medium	chr1	228281774	228282174	Promoter (4-5kb)	1	228277178	228284195	4596	ENSG00000154358	OBSCN
NR4A1_Medium	chr1	228289215	228289615	Promoter (<=1kb)	1	228288836	228303644	379	ENSG00000154358	OBSCN
NR4A1_Medium	chr1	228622008	228622408	Promoter (<=1kb)	1	228621447	228621565	-443	ENSG00000199352	RNA5S1
NR4A1_Medium	chr1	230335585	230335985	Promoter (<=1kb)	1	230323542	230336295	310	ENSG00000177614	PGBD5
NR4A1_Medium	chr1	235587436	235587836	Promoter (1-2kb)	1	235551754	235588959	1123	ENSG00000168243	GNG4
NR4A1_Medium	chr1	235594869	235595269	Promoter (<=1kb)	1	235550832	235595479	210	ENSG00000168243	GNG4
NR4A1_Medium	chr2	878185	878706	Promoter (9-10kb)	2	791614	868608	-9577	ENSG00000237667	LINC01115
NR4A1_Medium	chr2	1099476	1099876	Promoter (2-3kb)	2	1102546	1209230	-2670	ENSG00000172554	SNTG2
NR4A1_Medium	chr2	1866519	1867122	Promoter (4-5kb)	2	1789241	1861677	-4842	ENSG00000186487	MYT1L
NR4A1_Medium	chr2	3527717	3528117	Promoter (5-6kb)	2	3531990	3533370	5253	ENSG00000171865	RNASEH1
NR4A1_Medium	chr2	3725247	3725647	Promoter (<=1kb)	2	3725946	3788532	-299	ENSG00000214866	DCDC2C
NR4A1_Medium	chr2	3971742	3972142	Promoter (1-2kb)	2	3972846	3973678	1536	ENSG00000237401	LINC01304
NR4A1_Medium	chr2	10190126	10190526	Promoter (2-3kb)	2	10192614	10192671	2145	ENSG00000265418	MIR4261
NR4A1_Medium	chr2	10312462	10312862	Promoter (8-9kb)	2	10303700				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr2	45188725	45189125	Promoter (3-4kb)	2	45187170	45192285	3160	ENSG00000205054	LINC01121
NR4A1_Medium	chr2	68113862	68114262	Promoter (2-3kb)	2	68047277	68110948	-2914	ENSG00000197223	C1D
NR4A1_Medium	chr2	71571210	71571610	Promoter (1-2kb)	2	71570138	71570916	1072	ENSG00000135636	DYSF
NR4A1_Medium	chr2	71577168	71577568	Promoter (<=1kb)	2	71576899	71686763	269	ENSG00000135636	DYSF
NR4A1_Medium	chr2	71618312	71618712	Promoter (7-8kb)	2	71610779	71644033	7533	ENSG00000135636	DYSF
NR4A1_Medium	chr2	79096346	79096746	Promoter (8-9kb)	2	79085540	79088019	-8327	ENSG00000172023	REG1B
NR4A1_Medium	chr2	79097951	79098351	Promoter (9-10kb)	2	79085540	79088019	-9932	ENSG00000172023	REG1B
NR4A1_Medium	chr2	85422886	85423286	Promoter (<=1kb)	2	85422251	85425936	635	ENSG00000152292	SH2D6
NR4A1_Medium	chr2	85666113	85666513	Promoter (1-2kb)	2	85658255	85668172	1659	ENSG00000168878	SFTPB
NR4A1_Medium	chr2	87825109	87825509	Promoter (<=1kb)	2	87771406	87825767	258	ENSG00000185304	RGPD2
NR4A1_Medium	chr2	96801295	96801695	Promoter (3-4kb)	2	96798278	96798353	3017	ENSG00000264157	MIR3127
NR4A1_Medium	chr2	100016231	100016631	Promoter (8-9kb)	2	100006149	100007951	-8280	ENSG00000144218	AFF3
NR4A1_Medium	chr2	131032630	131033030	Promoter (1-2kb)	2	131034928	131039670	-1898	ENSG00000136002	ARHGEF4
NR4A1_Medium	chr2	132254636	132255036	Promoter (2-3kb)	2	132256966	132257080	2044	ENSG00000221288	MIR663B
NR4A1_Medium	chr2	132257571	132257971	Promoter (<=1kb)	2	132147591	132257969	0	ENSG00000163046	ANKRD30BL
NR4A1_Medium	chr2	169361128	169361528	Promoter (1-2kb)	2	169127109	169362534	1006	ENSG00000081479	LRP2
NR4A1_Medium	chr2	174454569	174454969	Promoter (9-10kb)	2	174436306	174445422	-9147	ENSG00000163328	GPR155
NR4A1_Medium	chr2	216098890	216099290	Promoter (8-9kb)	2	216107464	216206303	-8174	ENSG00000079246	XRCC5
NR4A1_Medium	chr2	217979451	217979851	Promoter (<=1kb)	2	217893473	217978934	-517	ENSG00000079308	TNS1
NR4A1_Medium	chr2	219510035	219510435	Promoter (3-4kb)	2	219514170	219534058	-3735	ENSG00000072182	ASIC4
NR4A1_Medium	chr2	221571082	221571482	Promoter (<=1kb)	2	221425599	221572283	801	ENSG00000116106	EPHA4
NR4A1_Medium	chr2	231583311	231583711	Promoter (9-10kb)	2	231592864	231594276	-9153	ENSG00000177673	TEX44
NR4A1_Medium	chr2	232643515	232643915	Promoter (5-6kb)	2	232638141	232682774	5374	ENSG00000115468	EFHD1
NR4A1_Medium	chr2	233014928	233015328	Promoter (1-2kb)	2	232878701	233013256	-1672	ENSG00000066248	NGEF
NR4A1_Medium	chr2	233440716	233441116	Promoter (2-3kb)	2	233438313	233472104	2403	ENSG00000077044	DGKD
NR4A1_Medium	chr2	237516746	237517146	Promoter (<=1kb)	2	237518029	237553991	-883	ENSG00000115648	MLPH
NR4A1_Medium	chr2	238117961	238118584	Promoter (8-9kb)	2	238127390	238133287	-8806	ENSG00000144488	ESPNL
NR4A1_Medium	chr2	238191885	238192285	Promoter (3-4kb)	2	238183716	238188594	-3291	ENSG00000132323	ILKAP
NR4A1_Medium	chr2	238555823	238556223	Promoter (<=1kb)	2	238510690	238555054	-769	ENSG00000225493	LINC01107
NR4A1_Medium	chr2	239084429	239084829	Promoter (1-2kb)	2	239085827	239085926	1097	ENSG00000264810	MIR4441
NR4A1_Medium	chr2	239146441	239146841	Promoter (5-6kb)	2	239134325	239140973	-5468	ENSG00000068024	HDAC4
NR4A1_Medium	chr2	240509924	240510324	Promoter (2-3kb)	2	240500524	240507809	-2115	ENSG00000144504	ANKMY1
NR4A1_Medium	chr2	240527506	240527906	Promoter (<=1kb)	2	240521939	240527881	0	ENSG00000144504	ANKMY1
NR4A1_Medium	chr2	240674639	240675039	Promoter (4-5kb)	2	240676419	240679368	4329	ENSG00000185176	AQP12B
NR4A1_Medium	chr2	240951162	240951612	Promoter (1-2kb)	2	240949655	240950929	1507	ENSG00000226321	CROCC2
NR4A1_Medium	chr3	11005230	11005630	Promoter (6-7kb)	3	11011659	11039192	-6029	ENSG00000157103	SLC6A1
NR4A1_Medium	chr3	12587750	12588150	Promoter (1-2kb)	3	12584346	12585905	-1845	ENSG00000132155	RAF1
NR4A1_Medium	chr3	13617611	13618011	Promoter (3-4kb)	3	13613898	13618993	3713	ENSG00000163520	FBLN2
NR4A1_Medium	chr3	13868904	13869337	Promoter (5-6kb)	3	13863668	13875113	5776	ENSG00000154764	WNT7A
NR4A1_Medium	chr3	38020285	38020685	Promoter (1-2kb)	3	38011293	38019034	-1251	ENSG00000187091	PLCD1
NR4A1_Medium	chr3	46570937	46571337	Promoter (3-4kb)	3	46574534	46581860	-3197	ENSG00000241186	TDFG1
NR4A1_Medium	chr3	46702553	46702953	Promoter (1-2kb)	3	46701392	46710886	1161	ENSG00000181585	TMIE
NR4A1_Medium	chr3	48325394	48325794	Promoter (2-3kb)	3	48306842	48328341	2547	ENSG00000229453	SPINK8
NR4A1_Medium	chr3	48910456	48910856	Promoter (7-8kb)	3	48918821	48961679	-7965	ENSG00000177479	ARIH2
NR4A1_Medium	chr3	49127537	49127937	Promoter (<=1kb)	3	49125005	49128556	619	ENSG00000172037	LAMB2
NR4A1_Medium	chr3	49193601	49194001	Promoter (1-2kb)	3	49177634	49191858	-1743	ENSG00000236980	C3orf84
NR4A1_Medium	chr3	49830826	49831226	Promoter (1-2kb)	3	49828621	49829774	-1052	ENSG00000183763	TRAIIP
NR4A1_Medium	chr3	51663478	51663878	Promoter (<=1kb)	3	51662693	51684467	785	ENSG00000164081	TEX264
NR4A1_Medium	chr3	53162907	53163307	Promoter (1-2kb)	3	53161521	53181267	1386	ENSG00000163932	PRKCD
NR4A1_Medium	chr3	56606082	56606482	Promoter (9-10kb)	3	56615869	56621818	-9387	ENSG00000180376	CCDC66
NR4A1_Medium	chr3	58210102	58210502	Promoter (<=1kb)	3	58207760	58210920	418	ENSG00000163687	DNASE1L3
NR4A1_Medium	chr3	68007528	68007928	Promoter (1-2kb)	3	68006230	68545621	1298	ENSG00000183662	TAFA1
NR4A1_Medium	chr3	75669098	75669499	Promoter (2-3kb)	3	75672300	75742048	-2801	ENSG00000242516	LINC00960
NR4A1_Medium	chr3	93883400	93883800	Promoter (2-3kb)	3	93877003	93886413	2613	ENSG00000184500	PROS1
NR4A1_Medium	chr3	126020989	126021389	Promoter (2-3kb)	3	126006363	126023764	2375	ENSG00000114544	SLC41A3
NR4A1_Medium	chr3	126556611	126557011	Promoter (1-2kb)	3	126549692	126558932	1921	ENSG00000180697	C3orf22
NR4A1_Medium	chr3	126864478	126864878	Promoter (9-10kb)	3	126854864	126949879	9614	ENSG00000159685	CHCHD6
NR4A1_Medium	chr3	128642872	128643272	Promoter (<=1kb)	3	128637820	128642564	-308	ENSG00000163902	RPN1
NR4A1_Medium	chr3	129032247	129032647	Promoter (1-2kb)	3	129030449	129040740	1798	ENSG00000114654	EFCC1
NR4A1_Medium	chr3	129516298	129516698	Promoter (3-4kb)	3	129512381	129514820	3917	ENSG00000163913	IFT122
NR4A1_Medium	chr3	129516988	129517388	Promoter (4-5kb)	3	129512381	129514820	4607	ENSG00000163913	IFT122
NR4A1_Medium	chr3	131981361	131981761	Promoter (4-5kb)	3	131985855	131985931	4170	ENSG00000265859	MIR5704
NR4A1_Medium	chr3	134056681	134057081	Promoter (<=1kb)	3	134055256	134057648	567	ENSG00000243832	LINC02000
NR4A1_Medium	chr3	134058103	134058503	Promoter (<=1kb)	3	134055256	134057648	-455	ENSG00000243832	LINC02000
NR4A1_Medium	chr3	138013897	138014297	Promoter (3-4kb)	3	138010216	138032502	3681	ENSG00000066405	CLDN18
NR4A1_Medium	chr3	141077657	141078057	Promoter (<=1kb)	3	141077446	141147460	211	ENSG00000175093	SPSB4
NR4A1_Medium	chr3	180903176	180903576	Promoter (8-9kb)	3	180912482	180977155	-8906	ENSG00000114416	FXR1
NR4A1_Medium	chr3	184358535	184358935	Promoter (<=1kb)	3	184346199	184358741	0	ENSG00000114859	CLCN2
NR4A1_Medium	chr3	194621841	194622241	Promoter (3-4kb)	3	194588469	194625951	3710	ENSG00000145014	TMEM44
NR4A1_Medium	chr3	194705979	194706379	Promoter (1-2kb)	3	194708093	194727666	-1714	ENSG00000237222	LINC01968
NR4A1_Medium	chr3	196995082	196995482	Promoter (3-4kb)	3	196999460	197004736	-3978	ENSG00000228109	MELTF-AS1
NR4A1_Medium	chr4	822010	822410	Promoter (3-4kb)	4	784958	826092	3682	ENSG00000168993	CPLX1
NR4A1_Medium	chr4	833409	833809	Promoter (7-8kb)	4	784957	826129	-7280	ENSG00000168993	CPLX1
NR4A1_Medium	chr4	868961	869361	Promoter (<=1kb)	4	849278	869957	596	ENSG00000178950	GAK
NR4A1_Medium	chr4	945091	945491	Promoter (2-3kb)	4	948411	953354	-2920	ENSG00000127419	TMEM175
NR4A1_Medium	chr4	952418	952818	Promoter (<=1kb)	4	952411	955491	7	ENSG00000127419	TMEM175
NR4A1_Medium	chr4	1323933	1324333	Promoter (4-5kb)	4	1329057	1340113	-4724	ENSG00000090316	MAEA
NR4A1_Medium	chr4	1745034	1745434	Promoter (<=1kb)	4	1744439	1745076	595	ENSG0000013810	TACC3
NR4A1_Medium	chr4	2447762	2448162	Promoter (4-5kb)	4	2443215	2450356	4547	ENSG00000206113	CFAP99
NR4A1_Medium	chr4	3674635	3675035	Promoter (2-3kb)	4	3673593	3677855	2820	ENSG00000250632	LINC02171
NR4A1_Medium	chr4	3775121	3775521	Promoter (8-9kb)	4	3766385	3768526	8736	ENSG00000184160	ADRA2C
NR4A1_Medium	chr4	6299594	6299994	Promoter (4-5kb)	4	6294771	6300807	4823	ENSG00000109501	WFS1
NR4A1_Medium	chr4	7307658	7308058	Promoter (2-3kb)	4	7310450	7310524	-2392	ENSG00000264658	MIR4798
NR4A1_Medium	chr4	7400885	7401285	Promoter (4-5kb)	4	7396278	7742836	4607	ENSG00000184985	SORCS2
NR4A1_Medium	chr4	7724447	7724847	Promoter (9-10kb)	4	7734280	7740720	-9433	ENSG00000184985	SORCS2
NR4A1_Medium	chr4	7974289	7974689	Promoter (8-9kb)	4	7965329	7983432	8743	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8012459	8012859	Promoter (1-2kb)	4	8007385	8010728	-1731	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8022825	8023225	Promoter (1-2kb)	4	7965310	8020825	-2000	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8026602	8027002	Promoter (5-6kb)	4	7965310	8020825	-5777	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8040418	8040818	Promoter (<=1kb)	4	8020213	8041436	618	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8069566	8069966	Promoter (1-2kb)	4	8008063	8071827	1861	ENSG00000163995	ABLIM2
NR4A1_Medium	chr4	8229406	8229806	Promoter (<=1kb)	4	8229224	8232894	182	ENSG00000125089	SH3TC1
NR4A1_Medium	chr4	8263534	8263934	Promoter (5-6kb)	4	8269754	8307098	-5820	ENSG00000170801	HTRA3
NR4A1_Medium	chr4	8605146	8605546	Promoter (3-4kb)	4	8601970	8619761	3176	ENSG00000109625	CPZ
NR4A1_Medium	chr4	17781144	17781544	Promoter (<=1kb)	4	17629306	17781621	77	ENSG00000047662	FAM1



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr4	165031966	165032366	Promoter (<=1kb)	4	165031999	165041749	0	ENSG00000176979	TRIM60
NR4A1_Medium	chr4	170091333	170091733	Promoter (<=1kb)	4	170073250	170091699	0	ENSG00000109576	AADAT
NR4A1_Medium	chr4	183806917	183807317	Promoter (9-10kb)	4	183797692	184017378	9225	ENSG00000173320	STOX2
NR4A1_Medium	chr4	185541780	185542180	Promoter (6-7kb)	4	185501751	185535612	-6168	ENSG00000154553	PDLIM3
NR4A1_Medium	chr4	190067621	190068021	Promoter (2-3kb)	4	190065233	190065914	2388	ENSG00000281591	DBET
NR4A1_Medium	chr5	856591	856991	Promoter (5-6kb)	5	795607	850986	-5605	ENSG00000188818	ZDHHC11
NR4A1_Medium	chr5	1199411	1199811	Promoter (1-2kb)	5	1201595	1223270	-1784	ENSG00000174358	SLC6A19
NR4A1_Medium	chr5	1211552	1211952	Promoter (9-10kb)	5	1201595	1225111	9957	ENSG00000174358	SLC6A19
NR4A1_Medium	chr5	1258964	1259364	Promoter (5-6kb)	5	1254617	1264534	5170	ENSG00000164362	TERT
NR4A1_Medium	chr5	1282614	1283014	Promoter (<=1kb)	5	1253147	1283010	0	ENSG00000164362	TERT
NR4A1_Medium	chr5	1847776	1848373	Promoter (8-9kb)	5	1855970	1856568	8195	ENSG00000250417	LINC02116
NR4A1_Medium	chr5	3446046	3446457	Promoter (6-7kb)	5	3452816	3461660	-6359	ENSG00000249830	LINC02162
NR4A1_Medium	chr5	3586361	3586761	Promoter (9-10kb)	5	3595832	3601403	-9071	ENSG00000170549	IRX1
NR4A1_Medium	chr5	16930989	16931389	Promoter (4-5kb)	5	16780734	16935938	4549	ENSG00000145555	MYO10
NR4A1_Medium	chr5	31690419	31690819	Promoter (2-3kb)	5	31692887	31843975	-2068	ENSG00000133401	PDZD2
NR4A1_Medium	chr5	34179317	34179802	Promoter (9-10kb)	5	34164698	34189514	9712	ENSG00000082196	C1QTNF3
NR4A1_Medium	chr5	34191405	34191805	Promoter (1-2kb)	5	34190056	34193653	1349	NA	LOC646652
NR4A1_Medium	chr5	58481575	58481975	Promoter (9-10kb)	5	58491435	58494742	-9460	ENSG00000175857	GAPT
NR4A1_Medium	chr5	61731289	61731689	Promoter (3-4kb)	5	61732774	61735668	3979	ENSG00000251575	C5orf64-AS1
NR4A1_Medium	chr5	136193543	136193943	Promoter (<=1kb)	5	136191468	136193162	-381	ENSG00000271824	SMIM32
NR4A1_Medium	chr5	147873200	147873600	Promoter (1-2kb)	5	147872018	147882191	1182	ENSG00000164265	SCGB3A2
NR4A1_Medium	chr5	150241294	150241694	Promoter (3-4kb)	5	150221774	150245328	3634	ENSG00000070808	CAMK2A
NR4A1_Medium	chr5	150263363	150263763	Promoter (1-2kb)	5	150253501	150265397	1634	ENSG00000070808	CAMK2A
NR4A1_Medium	chr5	154598015	154598415	Promoter (1-2kb)	5	154596012	154596072	-1943	ENSG00000264760	MIR3141
NR4A1_Medium	chr5	168461846	168462246	Promoter (2-3kb)	5	168464928	168472303	-2682	ENSG00000113645	WWC1
NR4A1_Medium	chr5	172082090	172082490	Promoter (<=1kb)	5	172064365	172082405	0	ENSG00000072786	STK10
NR4A1_Medium	chr5	172450994	172451394	Promoter (2-3kb)	5	172325000	172454308	2914	ENSG00000174705	SH3PXD2B
NR4A1_Medium	chr5	176579995	176580395	Promoter (6-7kb)	5	176586651	176590661	-6256	ENSG00000074276	CDHR2
NR4A1_Medium	chr5	176814730	176815130	Promoter (4-5kb)	5	176810559	176880898	4171	ENSG00000113763	UNC5A
NR4A1_Medium	chr5	178269515	178269915	Promoter (3-4kb)	5	178263208	178265834	-3681	ENSG00000050767	COL23A1
NR4A1_Medium	chr5	180213693	180214093	Promoter (4-5kb)	5	180100795	180209211	-4482	ENSG00000146090	RASGEF1C
NR4A1_Medium	chr5	180635591	180635991	Promoter (6-7kb)	5	180607965	180629338	-6253	ENSG00000037280	FLT4
NR4A1_Medium	chr5	181126600	181127000	Promoter (1-2kb)	5	181124357	181125304	-1296	ENSG00000185372	OR2V1
NR4A1_Medium	chr6	13413638	13414038	Promoter (5-6kb)	6	13357830	13408137	-5501	ENSG00000145990	GFOD1
NR4A1_Medium	chr6	19807433	19807833	Promoter (2-3kb)	6	19707453	19804827	-2606	ENSG00000228412	LNC-LBCS
NR4A1_Medium	chr6	28365665	28366065	Promoter (9-10kb)	6	28324740	28356271	-9394	ENSG00000235109	ZSCAN31
NR4A1_Medium	chr6	33747480	33747880	Promoter (<=1kb)	6	33722397	33746905	-575	ENSG00000161896	IP6K3
NR4A1_Medium	chr6	34111004	34111711	Promoter (<=1kb)	6	34022433	34111034	0	ENSG00000124493	GRM4
NR4A1_Medium	chr6	35797260	35797660	Promoter (<=1kb)	6	35794982	35797323	0	ENSG00000137392	CLPS
NR4A1_Medium	chr6	40338025	40338425	Promoter (1-2kb)	6	40337013	40379890	1012	ENSG00000204091	TDRG1
NR4A1_Medium	chr6	42132662	42133062	Promoter (9-10kb)	6	42126377	42142619	9557	ENSG00000188112	C6orf132
NR4A1_Medium	chr6	42445568	42445968	Promoter (5-6kb)	6	42228126	42451261	5293	ENSG00000124496	TRERF1
NR4A1_Medium	chr6	43294272	43294672	Promoter (1-2kb)	6	43295694	43299520	-1022	ENSG00000137204	SLC22A7
NR4A1_Medium	chr6	43501569	43501969	Promoter (<=1kb)	6	43501526	43506553	43	ENSG00000137221	TJAP1
NR4A1_Medium	chr6	57948684	57949084	Promoter (1-2kb)	6	57946083	57950399	1315	ENSG00000215190	LINC00680
NR4A1_Medium	chr6	148946456	148946856	Promoter (7-8kb)	6	148953907	149005588	-7051	ENSG00000111962	UST
NR4A1_Medium	chr6	160218859	160219259	Promoter (<=1kb)	6	160217014	160218284	-575	ENSG00000112499	SLC22A2
NR4A1_Medium	chr6	160355349	160355749	Promoter (6-7kb)	6	160348378	160452577	6971	ENSG00000146477	SLC22A3
NR4A1_Medium	chr6	160668698	160669098	Promoter (4-5kb)	6	160531483	160664259	-4439	ENSG00000198670	LPA
NR4A1_Medium	chr6	166415976	166416376	Promoter (7-8kb)	6	166412296	166423984	7608	ENSG00000071242	RPS6KA2
NR4A1_Medium	chr6	168311392	168311792	Promoter (7-8kb)	6	168307223	168319710	7918	ENSG00000164488	DACT2
NR4A1_Medium	chr6	168431126	168431526	Promoter (9-10kb)	6	168441151	168667994	-9625	ENSG00000112562	SMOC2
NR4A1_Medium	chr6	169174871	169175271	Promoter (7-8kb)	6	169175277	169182841	7570	ENSG00000261039	LINC02544
NR4A1_Medium	chr6	169218369	169218769	Promoter (3-4kb)	6	169214447	169217790	3922	NA	LOC101929523
NR4A1_Medium	chr6	169233633	169234033	Promoter (3-4kb)	6	169234510	169237412	3379	ENSG00000186340	THBS2
NR4A1_Medium	chr6	169650175	169650575	Promoter (<=1kb)	6	169457212	169649233	-942	ENSG00000184465	WDR27
NR4A1_Medium	chr6	169659463	169659863	Promoter (<=1kb)	6	169647648	169660692	829	ENSG00000184465	WDR27
NR4A1_Medium	chr6	169664921	169665321	Promoter (1-2kb)	6	169657759	169663723	-1198	ENSG00000184465	WDR27
NR4A1_Medium	chr7	566315	566715	Promoter (4-5kb)	7	561958	565619	4357	ENSG00000229380	PRKAR1B-AS2
NR4A1_Medium	chr7	1083437	1083837	Promoter (1-2kb)	7	1082208	1092881	1229	ENSG00000164850	GPER1
NR4A1_Medium	chr7	1441697	1442097	Promoter (<=1kb)	7	1434360	1441524	-173	ENSG00000164877	MICALL2
NR4A1_Medium	chr7	1690492	1690892	Promoter (2-3kb)	7	1688119	1747954	2373	ENSG00000225968	ELFN1
NR4A1_Medium	chr7	1938965	1939365	Promoter (1-2kb)	7	1898200	1940549	1184	ENSG00000002822	MAD1L1
NR4A1_Medium	chr7	2102591	2102991	Promoter (4-5kb)	7	2014506	2107708	4717	ENSG00000002822	MAD1L1
NR4A1_Medium	chr7	2224047	2224447	Promoter (<=1kb)	7	2213212	2223628	-419	ENSG00000002822	MAD1L1
NR4A1_Medium	chr7	2252714	2253114	Promoter (3-4kb)	7	2249285	2251146	3429	ENSG00000106268	NUDT1
NR4A1_Medium	chr7	4124807	4125207	Promoter (4-5kb)	7	4129685	4269000	-4478	ENSG00000146555	SDK1
NR4A1_Medium	chr7	4179924	4180324	Promoter (5-6kb)	7	4174222	4179258	5702	ENSG00000146555	SDK1
NR4A1_Medium	chr7	4807844	4808244	Promoter (3-4kb)	7	4799105	4804068	-3776	ENSG00000157927	RADIL
NR4A1_Medium	chr7	5755001	5755401	Promoter (5-6kb)	7	5622695	5761138	5737	ENSG00000111275	RNF216
NR4A1_Medium	chr7	6702266	6702666	Promoter (1-2kb)	7	6688433	6700914	-1352	ENSG00000164631	ZNF12
NR4A1_Medium	chr7	8152465	8152865	Promoter (4-5kb)	7	8141765	8157764	4899	ENSG00000003147	ICA1
NR4A1_Medium	chr7	30910562	30910962	Promoter (<=1kb)	7	30911694	30925517	-732	ENSG00000240583	AQP1
NR4A1_Medium	chr7	31077491	31077891	Promoter (9-10kb)	7	31086971	31104899	-9080	ENSG00000078549	ADCYAP1R1
NR4A1_Medium	chr7	37847492	37847892	Promoter (<=1kb)	7	37848597	37900397	-705	ENSG00000086288	NME8
NR4A1_Medium	chr7	43247723	43248123	Promoter (1-2kb)	7	43249137	43311993	-1014	ENSG00000002746	HECW1
NR4A1_Medium	chr7	44147462	44147862	Promoter (<=1kb)	7	44145644	44147125	-337	ENSG00000106633	GCK
NR4A1_Medium	chr7	54545890	54546290	Promoter (<=1kb)	7	54546161	54569489	0	ENSG00000170419	VSTM2A
NR4A1_Medium	chr7	56030887	56031287	Promoter (2-3kb)	7	56015031	56034156	2869	ENSG00000146733	PSPH
NR4A1_Medium	chr7	56091051	56091451	Promoter (1-2kb)	7	56081717	56092932	1481	ENSG00000164776	PHKG1
NR4A1_Medium	chr7	56436076	56436476	Promoter (3-4kb)	7	56421857	56432702	-3374	NA	LOC650226
NR4A1_Medium	chr7	66099089	66099726	Promoter (9-10kb)	7	66089239	66092954	9850	ENSG00000126522	ASL
NR4A1_Medium	chr7	66532209	66532609	Promoter (9-10kb)	7	66526088	66542549	9940	ENSG00000229180	GS1-124K5.11
NR4A1_Medium	chr7	68016123	68016523	Promoter (3-4kb)	7	68020235	68036917	-3712	ENSG00000225209	LOC102723427
NR4A1_Medium	chr7	73609059	73609459	Promoter (1-2kb)	7	73599592	73607120	-1939	ENSG00000009950	MLXIPL
NR4A1_Medium	chr7	74049979	74050379	Promoter (1-2kb)	7	74052294	74056365	-1915	ENSG00000049540	ELN
NR4A1_Medium	chr7	74204245	74204645	Promoter (4-5kb)	7	74199652	74219784	4593	ENSG00000086730	LAT2
NR4A1_Medium	chr7	76422667	76423067	Promoter (1-2kb)	7	76424950	76442069	-1883	ENSG00000188372	ZP3
NR4A1_Medium	chr7	99243835	99244235	Promoter (5-6kb)	7	99238829	99306809	5006	NA	MYH16
NR4A1_Medium	chr7	100246777	100247177	Promoter (<=1kb)	7	100222645	100246548	-229	ENSG00000239521	CASTOR3
NR4A1_Medium	chr7	100351712	100352112	Promoter (<=1kb)	7	100352176	100367733	-64	ENSG00000272752	STAG3L5P-PVRI2P-PILRB
NR4A1_Medium	chr7	101556592	101556992	Promoter (3-4kb)	7	101553203	101557633	3389	ENSG00000160963	COL26A1
NR4A1_Medium	chr7	101636179	101636579	Promoter (6-7kb)	7	101613330	101629296	-6883	ENSG00000106436	MYL10
NR4A1_Medium	chr7	127259298	127259698	Promoter (6-7kb)	7	126438598	127253294	-6004	ENSG00000179603	GRM8
NR4A1_Medium	chr7	128887650	128888050	Promoter (6-7kb)	7	128862451	128880923	-6727	ENSG00000135253	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr8	27461320	27461720	Promoter (5-6kb)	8	27460576	27467517	5797	ENSG00000120903	CHRNA2
NR4A1_Medium	chr8	28698561	28698961	Promoter (1-2kb)	8	28698212	28700530	1569	ENSG00000246339	EXTL3-AS1
NR4A1_Medium	chr8	29820323	29820723	Promoter (7-8kb)	8	29821189	29828454	7731	ENSG00000248964	LOC101929470
NR4A1_Medium	chr8	35236106	35236506	Promoter (<=1kb)	8	35235775	35791208	331	ENSG00000156687	UNC5D
NR4A1_Medium	chr8	37559199	37559599	Promoter (5-6kb)	8	37450763	37554183	-5016	ENSG00000253414	LINC01605
NR4A1_Medium	chr8	37785347	37785747	Promoter (1-2kb)	8	37784191	37829993	1156	ENSG0000020181	ADGRA2
NR4A1_Medium	chr8	38431332	38431732	Promoter (<=1kb)	8	38412848	38430820	-512	ENSG00000077782	FGFR1
NR4A1_Medium	chr8	42452004	42452404	Promoter (7-8kb)	8	42439467	42460168	7764	ENSG00000168575	SLC20A2
NR4A1_Medium	chr8	48726320	48726720	Promoter (3-4kb)	8	48713634	48729789	3069	ENSG00000034239	EFCAB1
NR4A1_Medium	chr8	56113271	56113671	Promoter (<=1kb)	8	56112942	56113982	311	ENSG00000172680	MOS
NR4A1_Medium	chr8	85714349	85714778	Promoter (<=1kb)	8	85714922	85715833	-144	ENSG00000277422	REXO1L2P
NR4A1_Medium	chr8	98002785	98003185	Promoter (4-5kb)	8	98007479	98035703	-4294	ENSG00000132561	MATN2
NR4A1_Medium	chr8	126714892	126715292	Promoter (1-2kb)	8	126713334	127292876	1558	ENSG00000253438	PCAT1
NR4A1_Medium	chr8	133194531	133194931	Promoter (3-4kb)	8	133191137	133228064	3394	ENSG00000104415	CCN4
NR4A1_Medium	chr8	138827706	138828106	Promoter (<=1kb)	8	138825719	138828105	0	ENSG00000169436	COL22A1
NR4A1_Medium	chr8	139872015	139872415	Promoter (8-9kb)	8	139730996	139881295	8880	ENSG00000167632	TRAPPC9
NR4A1_Medium	chr8	140272108	140272508	Promoter (3-4kb)	8	140252571	140275753	3245	ENSG00000167632	TRAPPC9
NR4A1_Medium	chr8	140551507	140551907	Promoter (4-5kb)	8	140555408	140556238	4331	ENSG00000123908	AGO2
NR4A1_Medium	chr8	142191135	142191535	Promoter (6-7kb)	8	142198356	142209003	-6821	ENSG00000254008	LINC00051
NR4A1_Medium	chr8	142192615	142193015	Promoter (5-6kb)	8	142198356	142209003	-5341	ENSG00000254008	LINC00051
NR4A1_Medium	chr8	142205095	142205495	Promoter (6-7kb)	8	142198356	142209003	6739	ENSG00000254008	LINC00051
NR4A1_Medium	chr8	142272258	142272658	Promoter (7-8kb)	8	142271567	142279997	7339	ENSG00000171045	TSNARE1
NR4A1_Medium	chr8	142282042	142282442	Promoter (2-3kb)	8	142271567	142279997	-2045	ENSG00000171045	TSNARE1
NR4A1_Medium	chr8	142285111	142285511	Promoter (5-6kb)	8	142271567	142279997	-5114	ENSG00000171045	TSNARE1
NR4A1_Medium	chr8	142318617	142319017	Promoter (7-8kb)	8	142300116	142326225	7208	ENSG00000171045	TSNARE1
NR4A1_Medium	chr8	142320358	142320758	Promoter (5-6kb)	8	142300116	142326225	5467	ENSG00000171045	TSNARE1
NR4A1_Medium	chr8	142469331	142469731	Promoter (5-6kb)	8	142464016	142545006	5315	ENSG00000181790	ADGRB1
NR4A1_Medium	chr8	142548194	142548594	Promoter (4-5kb)	8	142543501	142544684	4693	ENSG00000181790	ADGRB1
NR4A1_Medium	chr8	142612558	142612958	Promoter (<=1kb)	8	142612065	142612702	0	ENSG00000198576	ARC
NR4A1_Medium	chr8	142667245	142667645	Promoter (2-3kb)	8	142657463	142669970	2325	ENSG00000234616	JRK
NR4A1_Medium	chr8	142743546	142743946	Promoter (1-2kb)	8	142740949	142742406	-1140	ENSG00000126233	SLURP1
NR4A1_Medium	chr8	142792325	142792725	Promoter (5-6kb)	8	142784882	142786539	-5786	ENSG00000167656	LY6D
NR4A1_Medium	chr8	142990101	142990501	Promoter (5-6kb)	8	142995850	142996482	-5349	NA	CDC42P3
NR4A1_Medium	chr8	143308255	143308655	Promoter (1-2kb)	8	143309356	143310503	1848	ENSG00000184428	TOP1MT
NR4A1_Medium	chr8	143410730	143411130	Promoter (6-7kb)	8	143417679	143419150	-6549	ENSG00000254338	MAFA-AS1
NR4A1_Medium	chr8	143503570	143503970	Promoter (3-4kb)	8	143484497	143507840	3870	ENSG00000014164	ZC3H3
NR4A1_Medium	chr9	34480640	34481040	Promoter (4-5kb)	9	34485046	34493328	-4006	ENSG00000122735	DNAI1
NR4A1_Medium	chr9	34606598	34606998	Promoter (5-6kb)	9	34610495	34612097	5099	ENSG00000164967	RPP25L
NR4A1_Medium	chr9	35709739	35710139	Promoter (<=1kb)	9	35710676	35710741	602	ENSG00000284195	MIR6852
NR4A1_Medium	chr9	36186114	36186514	Promoter (4-5kb)	9	36190856	36212061	-4342	ENSG00000122705	CLTA
NR4A1_Medium	chr9	41229706	41230127	Promoter (3-4kb)	9	41233755	41233835	-3628	ENSG00000276029	MIR4477A
NR4A1_Medium	chr9	61856665	61857082	Promoter (2-3kb)	9	61854216	62076341	2449	ENSG00000231527	FAM27C
NR4A1_Medium	chr9	62799451	62799851	Promoter (1-2kb)	9	62801461	62810186	-1610	ENSG00000238113	LINC01410
NR4A1_Medium	chr9	63816940	63817340	Promoter (2-3kb)	9	63819574	63819654	-2234	ENSG00000266017	MIR4477B
NR4A1_Medium	chr9	63817920	63818320	Promoter (1-2kb)	9	63819574	63819654	-1254	ENSG00000266017	MIR4477B
NR4A1_Medium	chr9	63823329	63823987	Promoter (3-4kb)	9	63819574	63819654	3755	ENSG00000266017	MIR4477B
NR4A1_Medium	chr9	74826961	74827361	Promoter (6-7kb)	9	74820232	74834057	6696	ENSG00000119121	TRPM6
NR4A1_Medium	chr9	87869588	87869988	Promoter (9-10kb)	9	87858103	87859599	-9989	NA	LOC392364
NR4A1_Medium	chr9	89040012	89040412	Promoter (1-2kb)	9	89037366	89042137	1725	ENSG00000148082	SHC3
NR4A1_Medium	chr9	93818088	93818488	Promoter (<=1kb)	9	93819357	93819421	-869	ENSG00000265347	MIR4291
NR4A1_Medium	chr9	98393005	98393405	Promoter (4-5kb)	9	98362555	98388887	-4118	ENSG00000136928	GABBR2
NR4A1_Medium	chr9	113561309	113561709	Promoter (3-4kb)	9	113564954	113597743	-3245	ENSG00000138835	RGS3
NR4A1_Medium	chr9	114165868	114166268	Promoter (1-2kb)	9	114167715	114218579	-1447	ENSG00000196739	COL27A1
NR4A1_Medium	chr9	122531150	122531550	Promoter (3-4kb)	9	122526358	122527296	-3854	ENSG00000171505	OR1N1
NR4A1_Medium	chr9	123372948	123373348	Promoter (4-5kb)	9	123368779	123380324	4169	ENSG00000148204	CRB2
NR4A1_Medium	chr9	125203916	125204316	Promoter (3-4kb)	9	125200605	125220658	3311	ENSG00000136933	RABEPK
NR4A1_Medium	chr9	128425157	128425557	Promoter (<=1kb)	9	128424602	128435755	555	ENSG00000167123	CERCAM
NR4A1_Medium	chr9	128859109	128859509	Promoter (1-2kb)	9	128833123	128860532	1023	ENSG00000171097	KYAT1
NR4A1_Medium	chr9	130183490	130183890	Promoter (9-10kb)	9	130193828	130217920	-9938	ENSG00000107130	NCS1
NR4A1_Medium	chr9	130454814	130455214	Promoter (2-3kb)	9	130452223	130471514	2591	ENSG00000130707	ASS1
NR4A1_Medium	chr9	131100156	131100556	Promoter (2-3kb)	9	131098149	131120343	2007	ENSG00000126878	AIF1L
NR4A1_Medium	chr9	131401672	131402072	Promoter (7-8kb)	9	131394213	131447207	7459	ENSG00000130723	PRRC2B
NR4A1_Medium	chr9	133933687	133934087	Promoter (5-6kb)	9	133925851	133939301	5214	ENSG00000160293	VAV2
NR4A1_Medium	chr9	134653760	134654160	Promoter (<=1kb)	9	134653185	134709227	575	ENSG00000130635	COL5A1
NR4A1_Medium	chr9	135069026	135069426	Promoter (5-6kb)	9	135075422	135077391	-5996	ENSG00000130558	OLFM1
NR4A1_Medium	chr9	135084249	135084649	Promoter (1-2kb)	9	135086554	135098352	-1905	ENSG00000130558	OLFM1
NR4A1_Medium	chr9	135091586	135091986	Promoter (3-4kb)	9	135095060	135119654	-3074	ENSG00000130558	OLFM1
NR4A1_Medium	chr9	135726769	135727169	Promoter (9-10kb)	9	135736517	135793618	-9348	ENSG00000107147	KCNT1
NR4A1_Medium	chr9	135752619	135753019	Promoter (<=1kb)	9	135753751	135786399	-732	ENSG00000107147	KCNT1
NR4A1_Medium	chr9	135755349	135755749	Promoter (1-2kb)	9	135753751	135786399	1598	ENSG00000107147	KCNT1
NR4A1_Medium	chr9	135774189	135774589	Promoter (1-2kb)	9	135772858	135784858	1331	ENSG00000107147	KCNT1
NR4A1_Medium	chr9	136087276	136087676	Promoter (7-8kb)	9	136006537	136095289	7613	ENSG00000148411	NACC2
NR4A1_Medium	chr9	136125188	136125588	Promoter (6-7kb)	9	136114589	136118875	-6313	ENSG00000238227	TMEM250
NR4A1_Medium	chr9	136293885	136294285	Promoter (9-10kb)	9	136281385	136304070	9785	ENSG00000260220	CCDC187
NR4A1_Medium	chr9	136747605	136748250	Promoter (<=1kb)	9	136738167	136748453	203	ENSG00000187922	LCN10
NR4A1_Medium	chr9	137900724	137901124	Promoter (8-9kb)	9	137867925	137892570	-8154	ENSG00000203987	LOC100133077
NR4A1_Medium	chr9	138142804	138143236	Promoter (6-7kb)	9	138150075	138174700	-6839	NA	TUBBP5
NR4A1_Medium	chr10	81088	81488	Promoter (6-7kb)	10	46892	74163	-6925	ENSG00000261456	TUBB8
NR4A1_Medium	chr10	379685	380085	Promoter (9-10kb)	10	364962	390016	9931	ENSG00000151240	DIP2C
NR4A1_Medium	chr10	1157213	1157613	Promoter (2-3kb)	10	1159768	1165112	-2155	ENSG00000229205	LINC00200
NR4A1_Medium	chr10	1209262	1209662	Promoter (8-9kb)	10	1183151	1200385	-8877	ENSG00000185736	ADARB2
NR4A1_Medium	chr10	1232414	1232814	Promoter (7-8kb)	10	1215676	1240530	7716	ENSG00000185736	ADARB2
NR4A1_Medium	chr10	11885348	11885762	Promoter (8-9kb)	10	11849608	11894700	8938	ENSG00000225778	PROSER2-AS1
NR4A1_Medium	chr10	13136191	13136591	Promoter (4-5kb)	10	13131319	13136918	4872	ENSG00000123240	OPTN
NR4A1_Medium	chr10	13975133	13975533	Promoter (2-3kb)	10	13666224	13972369	-2764	ENSG00000151474	FRMD4A
NR4A1_Medium	chr10	14825882	14826282	Promoter (1-2kb)	10	14819885	14828205	1923	ENSG00000185267	CDNF
NR4A1_Medium	chr10	15025997	15026397	Promoter (4-5kb)	10	15015370	15021863	-4134	NA	DCLRE1CP1
NR4A1_Medium	chr10	29472867	29473267	Promoter (8-9kb)	10	29473534	29481655	8388	ENSG00000197321	SVIL
NR4A1_Medium	chr10	42756094	42756494	Promoter (1-2kb)	10	42751178	42754297	-1797	NA	LOC283028
NR4A1_Medium	chr10	43225207	43225607	Promoter (4-5kb)	10	43194535	43229739	4132	ENSG00000198915	RASGEF1A
NR4A1_Medium	chr10	43943265	43943665	Promoter (<=1kb)	10	43943093	43944486	172	NA	LINC00841
NR4A1_Medium	chr10	44909803	44910203	Promoter (1-2kb)	10	44911316	44935194	-1113	ENSG00000187783	TMEM72
NR4A1_Medium	chr10	46267439	46267839	Promoter (5-6kb)	10	46233885	46273557	5718	NA	ANTXRPL1
NR4A1_Medium	chr10	46293137	46293537	Promoter (<=1kb)	10	46292810	46294110	327	ENSG00000274209	ANTXRL
NR4A1										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr10	104035976	104036376	Promoter (1-2kb)	10	104031350	104034130	-1846	ENSG00000065618	COL17A1
NR4A1_Medium	chr10	119442457	119442857	Promoter (9-10kb)	10	119452448	119459742	-9591	ENSG00000198873	GRK5
NR4A1_Medium	chr10	119457540	119457940	Promoter (5-6kb)	10	119452448	119459742	5092	ENSG00000198873	GRK5
NR4A1_Medium	chr10	122551880	122552280	Promoter (8-9kb)	10	122560665	122643736	-8385	ENSG00000187908	DMBT1
NR4A1_Medium	chr10	122725688	122726088	Promoter (3-4kb)	10	122729429	122826448	-3341	ENSG00000176584	DMBT1L1
NR4A1_Medium	chr10	125775465	125775865	Promoter (<=1kb)	10	125766453	125775821	0	ENSG00000154485	MMP21
NR4A1_Medium	chr10	126158130	126158530	Promoter (2-3kb)	10	126135368	126155305	-2825	ENSG00000148848	ADAM12
NR4A1_Medium	chr10	132364276	132364679	Promoter (<=1kb)	10	132365471	132367001	-792	ENSG00000148814	LRRC27
NR4A1_Medium	chr10	132822724	132823124	Promoter (9-10kb)	10	132808443	132812804	-9920	ENSG00000171811	CFAP46
NR4A1_Medium	chr10	133069423	133069823	Promoter (1-2kb)	10	133070929	133131675	-1106	ENSG00000197177	ADGRA1
NR4A1_Medium	chr10	133175554	133175954	Promoter (8-9kb)	10	133167184	133207204	8370	ENSG00000171798	KNDC1
NR4A1_Medium	chr10	133250230	133250630	Promoter (2-3kb)	10	133246478	133247891	-2339	ENSG00000166917	MIR202HG
NR4A1_Medium	chr10	133421477	133421877	Promoter (2-3kb)	10	133420666	133424572	2695	ENSG00000203772	SPRN
NR4A1_Medium	chr11	413585	413985	Promoter (<=1kb)	11	407315	414923	938	ENSG00000185187	SIGIRR
NR4A1_Medium	chr11	1742736	1743136	Promoter (5-6kb)	11	1735213	1749102	5966	ENSG00000244242	IFITM10
NR4A1_Medium	chr11	2126012	2126412	Promoter (7-8kb)	11	2134134	2134209	7797	ENSG00000207805	MIR483
NR4A1_Medium	chr11	2131580	2131980	Promoter (2-3kb)	11	2134134	2134209	2229	ENSG00000207805	MIR483
NR4A1_Medium	chr11	2434305	2434705	Promoter (9-10kb)	11	2444684	2572906	-9979	ENSG00000053918	KCNQ1
NR4A1_Medium	chr11	3814604	3815004	Promoter (1-2kb)	11	3816189	3824172	-1185	ENSG00000148985	PGAP2
NR4A1_Medium	chr11	5601719	5602119	Promoter (1-2kb)	11	5603313	5612958	-1194	ENSG00000121236	TRIM6
NR4A1_Medium	chr11	13665094	13665494	Promoter (3-4kb)	11	13668668	13732346	-3174	ENSG00000197601	FAR1
NR4A1_Medium	chr11	16887497	16887897	Promoter (5-6kb)	11	16854889	16881619	-5878	ENSG00000166689	PLEKHA7
NR4A1_Medium	chr11	17780022	17780422	Promoter (<=1kb)	11	17779172	17783055	850	ENSG00000129159	KCNC1
NR4A1_Medium	chr11	45285944	45286344	Promoter (<=1kb)	11	45240302	45286341	0	ENSG00000019505	SYT13
NR4A1_Medium	chr11	61276888	61277288	Promoter (3-4kb)	11	61258624	61273806	-3082	ENSG00000167992	VWCE
NR4A1_Medium	chr11	61391202	61391602	Promoter (<=1kb)	11	61392360	61398863	-758	ENSG00000187049	TMEM216
NR4A1_Medium	chr11	61538247	61538647	Promoter (3-4kb)	11	61539516	61542259	3612	ENSG00000011347	SYT7
NR4A1_Medium	chr11	62745492	62745892	Promoter (8-9kb)	11	62753318	62754159	8267	ENSG00000185670	ZBTB3
NR4A1_Medium	chr11	63860390	63860790	Promoter (7-8kb)	11	63868470	63895275	-7680	ENSG00000072518	MARK2
NR4A1_Medium	chr11	63980418	63980818	Promoter (5-6kb)	11	63985853	63998411	-5035	ENSG00000167770	OTUB1
NR4A1_Medium	chr11	64351853	64352253	Promoter (<=1kb)	11	64352886	64357528	-633	ENSG00000168071	CCDC88B
NR4A1_Medium	chr11	65834363	65834763	Promoter (<=1kb)	11	65834004	65851348	359	ENSG00000172803	SNX32
NR4A1_Medium	chr11	67669332	67669732	Promoter (1-2kb)	11	67666157	67667970	-1362	ENSG00000132746	ALDH3B2
NR4A1_Medium	chr11	68438903	68439303	Promoter (<=1kb)	11	68438593	68439953	310	ENSG00000162337	LRP5
NR4A1_Medium	chr11	69016376	69016776	Promoter (2-3kb)	11	69004395	69013382	-2994	ENSG00000172935	MRGPRF
NR4A1_Medium	chr11	69064776	69065176	Promoter (7-8kb)	11	69072915	69162440	-7739	ENSG00000284713	SMIM38
NR4A1_Medium	chr11	69291732	69292132	Promoter (2-3kb)	11	69294151	69341682	-2019	ENSG00000172927	MYEOV
NR4A1_Medium	chr11	69481741	69482141	Promoter (<=1kb)	11	69481662	69493219	79	NA	LINC01488
NR4A1_Medium	chr11	70194607	70195007	Promoter (8-9kb)	11	70203163	70207390	-8156	ENSG00000168040	FADD
NR4A1_Medium	chr11	70702059	70702459	Promoter (3-4kb)	11	70492432	70698769	-3290	ENSG00000162105	SHANK2
NR4A1_Medium	chr11	71414717	71415117	Promoter (8-9kb)	11	71405746	71423354	8237	ENSG00000172900	ACTE1P
NR4A1_Medium	chr11	71570537	71570937	Promoter (4-5kb)	11	71565563	71566735	4974	ENSG00000204572	KRTAP5-10
NR4A1_Medium	chr11	71577441	71577841	Promoter (5-6kb)	11	71581855	71582875	5034	ENSG00000204571	KRTAP5-11
NR4A1_Medium	chr11	75570465	75570865	Promoter (2-3kb)	11	75567782	75572782	2683	ENSG00000149257	SERPINH1
NR4A1_Medium	chr11	77192801	77193201	Promoter (8-9kb)	11	77184686	77191187	8115	ENSG00000137474	MYO7A
NR4A1_Medium	chr11	78052121	78052521	Promoter (5-6kb)	11	78016593	78046191	-5930	ENSG00000151364	KCTD14
NR4A1_Medium	chr11	82992664	82993064	Promoter (<=1kb)	11	82982089	82992383	-281	ENSG00000137502	RAB30
NR4A1_Medium	chr11	111358348	111358748	Promoter (<=1kb)	11	111354537	111359406	658	ENSG00000110777	POU2AF1
NR4A1_Medium	chr11	112254520	112254920	Promoter (5-6kb)	11	112260265	112261396	-5345	ENSG00000268472	LOC100132686
NR4A1_Medium	chr11	113699114	113699514	Promoter (4-5kb)	11	113690952	113694414	-4700	ENSG00000166682	TMPRSS5
NR4A1_Medium	chr11	117409271	117409671	Promoter (<=1kb)	11	117409812	117411864	-141	ENSG00000110274	CEP164
NR4A1_Medium	chr11	117809762	117810162	Promoter (7-8kb)	11	117776809	117817525	7363	ENSG00000177103	DSCAML1
NR4A1_Medium	chr11	119312338	119312738	Promoter (<=1kb)	11	119312950	119313012	274	ENSG00000284148	MIR6756
NR4A1_Medium	chr11	123582910	123583460	Promoter (7-8kb)	11	123591087	123627774	-7627	ENSG00000023171	GRAMD1B
NR4A1_Medium	chr11	125155348	125155748	Promoter (8-9kb)	11	125158461	125164609	8861	ENSG00000254880	PKNOX2-AS1
NR4A1_Medium	chr11	133531554	133531954	Promoter (<=1kb)	11	132419860	133532402	448	ENSG00000183715	OPCML
NR4A1_Medium	chr11	134740239	134740639	Promoter (4-5kb)	11	134735596	134763810	4643	ENSG00000251226	LINC02714
NR4A1_Medium	chr12	580882	581282	Promoter (5-6kb)	12	585865	586486	5204	NA	LOC105369595
NR4A1_Medium	chr12	4910628	4911028	Promoter (<=1kb)	12	4910368	4931361	260	ENSG00000111262	KCNA1
NR4A1_Medium	chr12	5616798	5617198	Promoter (1-2kb)	12	5608729	5615295	-1503	ENSG00000047617	ANO2
NR4A1_Medium	chr12	6579357	6579757	Promoter (<=1kb)	12	6570181	6579587	0	ENSG00000111642	CHD4
NR4A1_Medium	chr12	29385200	29385600	Promoter (3-4kb)	12	29389294	29487288	-3694	ENSG00000257599	OVCH1-AS1
NR4A1_Medium	chr12	49921582	49921982	Promoter (1-2kb)	12	49923936	49930325	-1954	ENSG00000257771	LINC02395
NR4A1_Medium	chr12	52312933	52313333	Promoter (8-9kb)	12	52314301	52321398	8065	ENSG00000170523	KRT83
NR4A1_Medium	chr12	53474802	53475202	Promoter (6-7kb)	12	53468468	53479624	6334	ENSG00000197111	PCBP2
NR4A1_Medium	chr12	57191710	57192110	Promoter (2-3kb)	12	57194504	57194576	-2394	ENSG00000221365	MIR1228
NR4A1_Medium	chr12	95895639	95896039	Promoter (2-3kb)	12	95896518	95898743	2704	ENSG00000165972	CCDC38
NR4A1_Medium	chr12	109284981	109285381	Promoter (1-2kb)	12	109277979	109286723	1342	ENSG00000139445	FOXN4
NR4A1_Medium	chr12	109768871	109769271	Promoter (4-5kb)	12	109734323	109773485	4214	ENSG00000255650	FAM222A-AS1
NR4A1_Medium	chr12	109808876	109809276	Promoter (5-6kb)	12	109783621	109814796	5520	ENSG00000111199	TRPV4
NR4A1_Medium	chr12	110907991	110908391	Promoter (5-6kb)	12	110913133	110914290	5899	ENSG00000111245	MYL2
NR4A1_Medium	chr12	113765253	113765653	Promoter (1-2kb)	12	113737448	113767209	1556	ENSG00000249550	LINC01234
NR4A1_Medium	chr12	120150506	120150906	Promoter (4-5kb)	12	120155434	120155499	4593	ENSG00000266704	MIR4498
NR4A1_Medium	chr12	120994856	120995256	Promoter (1-2kb)	12	120996390	120997882	-1134	ENSG00000135100	HNF1A
NR4A1_Medium	chr12	124438715	124439115	Promoter (8-9kb)	12	124429395	124430641	-8074	ENSG00000196498	NCOR2
NR4A1_Medium	chr12	124503288	124503688	Promoter (8-9kb)	12	124324415	124495252	-8036	ENSG00000196498	NCOR2
NR4A1_Medium	chr12	125133878	125134278	Promoter (1-2kb)	12	125135790	125136740	-1512	ENSG00000081760	AACS
NR4A1_Medium	chr12	125191020	125191420	Promoter (4-5kb)	12	125186836	125349978	4184	ENSG00000139364	TMEM132B
NR4A1_Medium	chr12	128119997	128120397	Promoter (<=1kb)	12	128120534	128121546	-137	ENSG00000256659	LINC02368
NR4A1_Medium	chr12	131905818	131906218	Promoter (<=1kb)	12	131906490	131909996	-272	ENSG00000177169	ULK1
NR4A1_Medium	chr12	131918667	131919067	Promoter (<=1kb)	12	131919241	131921951	-174	ENSG00000177169	ULK1
NR4A1_Medium	chr12	132586875	132587275	Promoter (4-5kb)	12	132581997	132582061	4878	ENSG00000277052	MIR6763
NR4A1_Medium	chr12	132607668	132608068	Promoter (1-2kb)	12	132604015	132606264	-1404	ENSG00000204583	LRCOL1
NR4A1_Medium	chr13	20151026	20151426	Promoter (9-10kb)	13	20138255	20161052	9626	ENSG00000121743	GJA3
NR4A1_Medium	chr13	27459788	27460188	Promoter (9-10kb)	13	27437150	27450591	-9197	ENSG00000122033	MTIF3
NR4A1_Medium	chr13	27925393	27925793	Promoter (5-6kb)	13	27920000	27926313	5393	ENSG00000139515	PDX1
NR4A1_Medium	chr13	30154915	30155315	Promoter (1-2kb)	13	30151886	30153710	-1205	NA	LINC00384
NR4A1_Medium	chr13	95293543	95293943	Promoter (7-8kb)	13	95095797	95301302	7359	ENSG00000125257	ABCC4
NR4A1_Medium	chr13	110873625	110874025	Promoter (3-4kb)	13	110863987	110870251	-3374	ENSG00000255874	PRECSIT
NR4A1_Medium	chr13	111590173	111590573	Promoter (5-6kb)	13	111596009	111642079	-5436	ENSG00000215881	LINC02337
NR4A1_Medium	chr13	112078569	112078969	Promoter (1-2kb)	13	112080005	112099924	-1036	ENSG00000224243	SOX1-OT
NR4A1_Medium	chr13	112972309	112972709	Promoter (3-4kb)	13	112969214	113099742	3095	ENSG00000126217	MCF2L
NR4A1_Medium	chr13	113030886	113031286	Promoter (6-7kb)	13	113024698	113052753	6188	ENSG0000012	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr14	95465468	95465868	Promoter (1-2kb)	14	95437802	95467856	1988	ENSG00000176438	SYNE3
NR4A1_Medium	chr14	95698822	95699222	Promoter (9-10kb)	14	95689285	95691356	9537	ENSG00000213231	TCL1B
NR4A1_Medium	chr14	99733420	99733820	Promoter (3-4kb)	14	99737693	99909416	-3873	ENSG00000066629	EML1
NR4A1_Medium	chr14	100124835	100125235	Promoter (3-4kb)	14	100128587	100144218	-3352	ENSG00000196405	EVL
NR4A1_Medium	chr14	100526620	100527020	Promoter (<=1kb)	14	100525946	100529624	674	ENSG00000176473	WDR25
NR4A1_Medium	chr14	100873206	100873606	Promoter (<=1kb)	14	100874493	100874585	-887	ENSG00000199151	MIR337
NR4A1_Medium	chr14	101550274	101550726	Promoter (4-5kb)	14	101552223	101555676	4950	ENSG00000258498	DIO3OS
NR4A1_Medium	chr14	102244067	102244467	Promoter (1-2kb)	14	102229120	102246159	1692	ENSG00000080823	MOK
NR4A1_Medium	chr14	102498718	102499118	Promoter (1-2kb)	14	102497539	102498412	1179	ENSG00000196663	TECPR2
NR4A1_Medium	chr14	102920308	102920708	Promoter (1-2kb)	14	102922656	102931192	-1948	ENSG00000166126	AMN
NR4A1_Medium	chr14	104232226	104232626	Promoter (8-9kb)	14	104223655	104244622	8571	ENSG00000258913	LINC02691
NR4A1_Medium	chr14	104859506	104859931	Promoter (5-6kb)	14	104865268	104896747	-5337	ENSG00000099814	CEP170B
NR4A1_Medium	chr14	104861951	104862351	Promoter (2-3kb)	14	104865268	104896747	-2917	ENSG00000099814	CEP170B
NR4A1_Medium	chr14	104948044	104948444	Promoter (6-7kb)	14	104953537	104955402	6958	ENSG00000185567	AHNAK2
NR4A1_Medium	chr14	104979253	104979653	Promoter (<=1kb)	14	104937253	104978374	-879	ENSG00000185567	AHNAK2
NR4A1_Medium	chr14	105151238	105151638	Promoter (<=1kb)	14	105150778	105150864	-374	ENSG00000273778	MIR6765
NR4A1_Medium	chr15	26885020	26885420	Promoter (4-5kb)	15	26880543	26883413	4477	ENSG00000186297	GABRA5
NR4A1_Medium	chr15	40655207	40655607	Promoter (5-6kb)	15	40650127	40654977	5080	ENSG00000137812	KNL1
NR4A1_Medium	chr15	42004126	42004526	Promoter (6-7kb)	15	41981584	41997522	-6604	ENSG00000188089	PLA2G4E
NR4A1_Medium	chr15	44431628	44432028	Promoter (3-4kb)	15	44427814	44484314	3814	ENSG00000137770	CTDSPL2
NR4A1_Medium	chr15	45153190	45153590	Promoter (<=1kb)	15	45153788	45155851	-198	ENSG00000137857	DUOX1
NR4A1_Medium	chr15	52119046	52119446	Promoter (6-7kb)	15	52109263	52112775	-6271	ENSG00000137875	BCL2L10
NR4A1_Medium	chr15	57373881	57374281	Promoter (1-2kb)	15	57375967	57438017	-1686	ENSG00000128849	CGNL1
NR4A1_Medium	chr15	73745653	73746053	Promoter (5-6kb)	15	73739802	73751475	5422	ENSG00000205363	INSYN1
NR4A1_Medium	chr15	73766769	73767169	Promoter (<=1kb)	15	73768122	73770489	-953	NA	INSYN1-AS1
NR4A1_Medium	chr15	74809373	74809773	Promoter (2-3kb)	15	74812716	74819899	-2943	ENSG00000140506	LMAN1L
NR4A1_Medium	chr15	75632600	75633000	Promoter (6-7kb)	15	75609890	75626469	-6131	ENSG00000169371	SNUPN
NR4A1_Medium	chr15	76198783	76199183	Promoter (7-8kb)	15	76191469	76204962	7314	ENSG00000169758	TMEM266
NR4A1_Medium	chr15	77699460	77699860	Promoter (2-3kb)	15	77615722	77696495	-2965	ENSG00000169783	LINGO1
NR4A1_Medium	chr15	79091945	79092345	Promoter (1-2kb)	15	78959947	79090773	-1172	ENSG00000058335	RASGRF1
NR4A1_Medium	chr15	79452383	79452783	Promoter (3-4kb)	15	79456096	79471144	-3313	ENSG00000169330	MINAR1
NR4A1_Medium	chr15	80952641	80953041	Promoter (5-6kb)	15	80946944	80949162	5697	ENSG00000103888	CEMIP
NR4A1_Medium	chr15	85066411	85066811	Promoter (<=1kb)	15	85067028	85113400	-217	ENSG00000073417	PDE8A
NR4A1_Medium	chr15	88873449	88873849	Promoter (<=1kb)	15	88873713	88874841	0	ENSG00000157766	ACAN
NR4A1_Medium	chr15	88900945	88901345	Promoter (<=1kb)	15	88899298	88901960	615	ENSG00000140545	MFGE8
NR4A1_Medium	chr15	89470364	89470764	Promoter (8-9kb)	15	89471445	89479430	8666	ENSG00000140519	RHCG
NR4A1_Medium	chr15	101481200	101481600	Promoter (7-8kb)	15	101384322	101489435	7835	ENSG00000140479	PCSK6
NR4A1_Medium	chr15	101527745	101528145	Promoter (2-3kb)	15	101304746	101525202	-2543	ENSG00000140479	PCSK6
NR4A1_Medium	chr16	773607	774007	Promoter (3-4kb)	16	770183	770277	3424	ENSG00000207579	MIR662
NR4A1_Medium	chr16	977752	978152	Promoter (1-2kb)	16	976084	979648	1496	ENSG00000103227	LMF1
NR4A1_Medium	chr16	1191640	1192040	Promoter (2-3kb)	16	1195029	1198934	-2989	ENSG00000196557	CACNA1H
NR4A1_Medium	chr16	1498005	1498405	Promoter (3-4kb)	16	1501707	1506665	-3302	ENSG00000100726	TELO2
NR4A1_Medium	chr16	1500078	1500478	Promoter (1-2kb)	16	1501707	1506665	-1229	ENSG00000100726	TELO2
NR4A1_Medium	chr16	1949984	1950384	Promoter (4-5kb)	16	1943974	1954689	4305	ENSG00000140986	RPL3L
NR4A1_Medium	chr16	2448784	2449184	Promoter (3-4kb)	16	2445392	2445457	3392	ENSG00000283180	MIR6767
NR4A1_Medium	chr16	2898487	2898887	Promoter (<=1kb)	16	2898755	2899365	0	ENSG00000162076	FLYWCH2
NR4A1_Medium	chr16	3034599	3034999	Promoter (<=1kb)	16	3027867	3035541	542	ENSG00000162069	BICDL2
NR4A1_Medium	chr16	3551704	3552104	Promoter (4-5kb)	16	3548135	3556994	4890	ENSG00000167984	NLRC3
NR4A1_Medium	chr16	4554730	4555130	Promoter (1-2kb)	16	4556490	4600714	-1360	ENSG00000205832	C16orf96
NR4A1_Medium	chr16	6773076	6773476	Promoter (<=1kb)	16	6773809	7710844	-333	ENSG00000078328	RBFOX1
NR4A1_Medium	chr16	8591272	8591672	Promoter (1-2kb)	16	8569500	8590193	-1079	ENSG00000232258	TMEM114
NR4A1_Medium	chr16	8761069	8761469	Promoter (4-5kb)	16	8765785	8768846	-4316	ENSG00000183044	ABAT
NR4A1_Medium	chr16	10039937	10040337	Promoter (8-9kb)	16	9938153	10031580	-8357	ENSG00000183454	GRIN2A
NR4A1_Medium	chr16	10859188	10859588	Promoter (6-7kb)	16	10866222	10902104	-6634	ENSG00000179583	CIITA
NR4A1_Medium	chr16	11481580	11481980	Promoter (9-10kb)	16	11442191	11491755	9775	ENSG00000188897	LOC400499
NR4A1_Medium	chr16	11485972	11486372	Promoter (5-6kb)	16	11442191	11491755	5383	ENSG00000188897	LOC400499
NR4A1_Medium	chr16	20073106	20073506	Promoter (<=1kb)	16	20031659	20073767	261	ENSG00000180269	GPR139
NR4A1_Medium	chr16	23508578	23508978	Promoter (1-2kb)	16	23493431	23510389	1411	ENSG00000103365	GGA2
NR4A1_Medium	chr16	27060731	27061131	Promoter (5-6kb)	16	27066707	27069165	-5576	ENSG00000234186	C16orf82
NR4A1_Medium	chr16	28537596	28537996	Promoter (<=1kb)	16	28537507	28538951	955	ENSG00000176046	NUPR1
NR4A1_Medium	chr16	30357919	30358319	Promoter (1-2kb)	16	30357102	30359674	1355	ENSG00000169221	TBC1D10B
NR4A1_Medium	chr16	31328167	31328567	Promoter (<=1kb)	16	31328037	31329905	130	ENSG00000169896	ITGAM
NR4A1_Medium	chr16	33336599	33337011	Promoter (6-7kb)	16	33206431	33330342	-6257	NA	LOC105369266
NR4A1_Medium	chr16	33337654	33338350	Promoter (7-8kb)	16	33206431	33330342	-7312	NA	LOC105369266
NR4A1_Medium	chr16	46915737	46916137	Promoter (<=1kb)	16	46915298	46929007	439	ENSG00000166123	GPT2
NR4A1_Medium	chr16	49378011	49378411	Promoter (4-5kb)	16	49373804	49399431	4207	ENSG00000166152	C16orf78
NR4A1_Medium	chr16	53052970	53053370	Promoter (<=1kb)	16	53035690	53052873	-97	ENSG00000277639	LOC105371267
NR4A1_Medium	chr16	57568171	57568571	Promoter (6-7kb)	16	57574816	57591681	-6245	ENSG00000159618	ADGRG5
NR4A1_Medium	chr16	57637191	57637591	Promoter (1-2kb)	16	57639295	57650306	-1704	ENSG00000205336	ADGRG1
NR4A1_Medium	chr16	57705738	57706218	Promoter (<=1kb)	16	57704907	57707861	831	ENSG00000159625	DRC7
NR4A1_Medium	chr16	57706373	57706773	Promoter (1-2kb)	16	57704907	57707861	1466	ENSG00000159625	DRC7
NR4A1_Medium	chr16	65067864	65068264	Promoter (3-4kb)	16	65004766	65072213	3949	ENSG00000140937	CDH11
NR4A1_Medium	chr16	66380495	66380895	Promoter (1-2kb)	16	66379225	66392985	1270	ENSG00000179776	CDH5
NR4A1_Medium	chr16	67828954	67829354	Promoter (<=1kb)	16	67828186	67829170	0	ENSG00000102901	CENPT
NR4A1_Medium	chr16	68866492	68866892	Promoter (6-7kb)	16	68860165	68863160	6327	ENSG00000103047	TANGO6
NR4A1_Medium	chr16	70482793	70483193	Promoter (<=1kb)	16	70480867	70482794	0	ENSG00000103051	COG4
NR4A1_Medium	chr16	70658573	70658973	Promoter (4-5kb)	16	70654099	70660269	4474	ENSG00000157368	IL34
NR4A1_Medium	chr16	80742530	80742930	Promoter (7-8kb)	16	80684604	80735133	-7397	ENSG00000166446	CDYL2
NR4A1_Medium	chr16	81129167	81129567	Promoter (6-7kb)	16	81100879	81136372	6805	ENSG00000166473	PKD1L2
NR4A1_Medium	chr16	81168271	81168671	Promoter (8-9kb)	16	81154130	81159988	-8283	ENSG00000166473	PKD1L2
NR4A1_Medium	chr16	83921089	83921489	Promoter (9-10kb)	16	83931311	83957650	-9822	ENSG00000140961	OSGIN1
NR4A1_Medium	chr16	83974842	83975410	Promoter (3-4kb)	16	83978545	83998285	-3135	ENSG00000103154	NECAB2
NR4A1_Medium	chr16	86588059	86588459	Promoter (9-10kb)	16	86578506	86582160	9553	ENSG00000176678	FOXL1
NR4A1_Medium	chr16	86712124	86712524	Promoter (2-3kb)	16	86710122	86738461	2002	ENSG00000261175	LINC02188
NR4A1_Medium	chr16	87597214	87597614	Promoter (4-5kb)	16	87601835	87697927	-4221	ENSG00000154118	JPH3
NR4A1_Medium	chr16	87700596	87700996	Promoter (7-8kb)	16	87703026	87708387	7391	ENSG00000104731	KLHDC4
NR4A1_Medium	chr16	88014901	88015564	Promoter (1-2kb)	16	88017190	88033219	-1626	ENSG00000172530	BANP
NR4A1_Medium	chr16	88029181	88029581	Promoter (5-6kb)	16	88035052	88076835	-5471	ENSG00000172530	BANP
NR4A1_Medium	chr16	88979932	88980332	Promoter (2-3kb)	16	88874858	88977207	-2725	ENSG00000129993	CBFA2T3
NR4A1_Medium	chr17	811363	811763	Promoter (6-7kb)	17	800788	805248	-6115	ENSG00000167693	NXN
NR4A1_Medium	chr17	2352603	2353003	Promoter (8-9kb)	17	2361777	2363045	-8774	ENSG00000141258	SGSM2
NR4A1_Medium	chr17	2586602	2587002	Promoter (6-7kb)	17	2593210	2667045	-6208	ENSG00000007168	PAFAH1B1
NR4A1_Medium	chr17	2961569	2961969	Promoter (3-4kb)	17	2962248	2965895	3926	ENSG00000262884	LOC101927911
NR4A1_Medium	chr17	4526215	4526615	Promoter (6-7kb)	17	4533032	4537798	-6417	ENSG00000183018	SPNS2
NR4A1_Medium										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr17	39457277	39457677	Promoter (3-4kb)	17	39461486	39534544	-3809	ENSG00000167258	CDK12
NR4A1_Medium	chr17	39725036	39725436	Promoter (1-2kb)	17	39726495	39726561	-1059	ENSG00000265178	MIR4728
NR4A1_Medium	chr17	40246132	40246532	Promoter (9-10kb)	17	40256388	40260838	-9856	ENSG00000171475	WIPF2
NR4A1_Medium	chr17	41627684	41628084	Promoter (<=1kb)	17	41627950	41628766	682	ENSG00000214514	KRT42P
NR4A1_Medium	chr17	47901345	47901745	Promoter (5-6kb)	17	47896262	47916223	5083	ENSG00000167182	SP2
NR4A1_Medium	chr17	48786904	48787304	Promoter (6-7kb)	17	48786249	48794294	6990	ENSG00000170703	TTLL6
NR4A1_Medium	chr17	50071185	50071585	Promoter (<=1kb)	17	50071740	50074211	-155	ENSG00000005884	ITGA3
NR4A1_Medium	chr17	50261994	50262394	Promoter (9-10kb)	17	50271406	50281485	-9012	ENSG00000167105	TMEM92
NR4A1_Medium	chr17	56105436	56105836	Promoter (5-6kb)	17	56110958	56228550	-5122	ENSG00000153930	ANKFN1
NR4A1_Medium	chr17	67054448	67054848	Promoter (9-10kb)	17	67044554	67056797	9894	ENSG00000108878	CACNG1
NR4A1_Medium	chr17	72504469	72504869	Promoter (2-3kb)	17	72404558	72502334	-2135	ENSG00000227036	LINC00673
NR4A1_Medium	chr17	73375959	73376359	Promoter (6-7kb)	17	73338443	73369213	-6746	ENSG00000069188	SDK2
NR4A1_Medium	chr17	73500161	73500561	Promoter (7-8kb)	17	73504340	73507594	7033	ENSG00000069188	SDK2
NR4A1_Medium	chr17	74732516	74732916	Promoter (3-4kb)	17	74736598	74746192	-3682	ENSG00000172794	RAB37
NR4A1_Medium	chr17	75558694	75559094	Promoter (<=1kb)	17	75558975	75563369	0	ENSG00000073350	LLGL2
NR4A1_Medium	chr17	76841107	76841507	Promoter (8-9kb)	17	76849840	76861836	-8333	ENSG00000267535	LINC00868
NR4A1_Medium	chr17	76924121	76924521	Promoter (<=1kb)	17	76923850	76925020	271	ENSG00000167889	MGAT5B
NR4A1_Medium	chr17	77484781	77485181	Promoter (2-3kb)	17	77481913	77488788	2868	ENSG00000184640	SEPTIN9
NR4A1_Medium	chr17	77509593	77509993	Promoter (6-7kb)	17	77516887	77536592	-6894	ENSG00000267665	LOC400622
NR4A1_Medium	chr17	78121430	78121830	Promoter (<=1kb)	17	78119062	78120796	-634	ENSG00000141524	TMC6
NR4A1_Medium	chr17	78798514	78798914	Promoter (<=1kb)	17	78791863	78798492	-22	ENSG00000055483	USP36
NR4A1_Medium	chr17	79244751	79245151	Promoter (8-9kb)	17	79090800	79235805	-8946	ENSG00000167281	RBFOX3
NR4A1_Medium	chr17	79498698	79499098	Promoter (9-10kb)	17	79094257	79508868	9770	ENSG00000167281	RBFOX3
NR4A1_Medium	chr17	79700485	79700885	Promoter (6-7kb)	17	79707176	79707249	6364	ENSG00000266665	MIR4739
NR4A1_Medium	chr17	80250639	80251039	Promoter (2-3kb)	17	80248214	80252899	2425	ENSG00000181045	SLC26A11
NR4A1_Medium	chr17	80281405	80281805	Promoter (6-7kb)	17	80287959	80336900	-6154	ENSG00000173821	RNF213
NR4A1_Medium	chr17	80930176	80930576	Promoter (7-8kb)	17	80922724	80924172	7452	ENSG00000141564	RPTOR
NR4A1_Medium	chr17	81253464	81253864	Promoter (1-2kb)	17	81246178	81252273	-1191	ENSG00000157637	SLC38A10
NR4A1_Medium	chr17	81300426	81300826	Promoter (4-5kb)	17	81282189	81295547	-4879	ENSG00000157637	SLC38A10
NR4A1_Medium	chr17	82441364	82441764	Promoter (1-2kb)	17	82440114	82442352	1250	ENSG00000169660	HEXD
NR4A1_Medium	chr17	82717972	82718372	Promoter (<=1kb)	17	82719017	82726493	-645	ENSG00000141560	FN3KRP
NR4A1_Medium	chr17	82739684	82740084	Promoter (3-4kb)	17	82736072	82749895	3612	ENSG00000167363	FN3K
NR4A1_Medium	chr18	107969	108375	Promoter (<=1kb)	18	109065	122219	-690	ENSG00000263006	ROCK1P1
NR4A1_Medium	chr18	110196	110614	Promoter (1-2kb)	18	109065	122219	1131	ENSG00000263006	ROCK1P1
NR4A1_Medium	chr18	10756577	10756977	Promoter (2-3kb)	18	10759584	10759649	2672	ENSG00000274838	MIR6788
NR4A1_Medium	chr18	12430622	12431022	Promoter (1-2kb)	18	12432897	12437635	-1875	NA	LOC105371998
NR4A1_Medium	chr18	12654070	12654470	Promoter (<=1kb)	18	12506496	12653085	-985	ENSG00000134278	SPIRE1
NR4A1_Medium	chr18	23641251	23641651	Promoter (6-7kb)	18	23600010	23647997	6346	ENSG00000154065	ANKRD29
NR4A1_Medium	chr18	41639232	41639632	Promoter (7-8kb)	18	41482476	41632185	-7047	ENSG00000267313	KC6
NR4A1_Medium	chr18	58459608	58460008	Promoter (8-9kb)	18	58451080	58451152	-8456	ENSG00000207778	MIR3591
NR4A1_Medium	chr18	74295328	74295728	Promoter (3-4kb)	18	74253438	74291973	-3355	ENSG00000166347	CYB5A
NR4A1_Medium	chr18	80250823	80251223	Promoter (3-4kb)	18	80157232	80247514	-3309	ENSG00000178184	PARD6G
NR4A1_Medium	chr19	375597	375997	Promoter (<=1kb)	19	362057	375970	0	ENSG00000105549	THEG
NR4A1_Medium	chr19	443632	444130	Promoter (4-5kb)	19	435779	439267	-4365	ENSG00000129946	SHC2
NR4A1_Medium	chr19	464939	465339	Promoter (3-4kb)	19	416583	460996	-3943	ENSG00000129946	SHC2
NR4A1_Medium	chr19	1569849	1570249	Promoter (1-2kb)	19	1554669	1568058	-1791	ENSG00000181588	MEX3D
NR4A1_Medium	chr19	1583039	1583439	Promoter (1-2kb)	19	1581108	1584573	1134	ENSG00000071655	MBD3
NR4A1_Medium	chr19	1642012	1642412	Promoter (7-8kb)	19	1609290	1650287	7875	ENSG00000071564	TCF3
NR4A1_Medium	chr19	1795411	1795811	Promoter (4-5kb)	19	1785558	1790817	-4594	ENSG00000130270	ATP8B3
NR4A1_Medium	chr19	2204060	2204460	Promoter (7-8kb)	19	2212237	2214572	-7777	ENSG00000104885	DOT1L
NR4A1_Medium	chr19	2444434	2444834	Promoter (7-8kb)	19	2434295	2437158	-7276	ENSG00000176619	LMNB2
NR4A1_Medium	chr19	2711256	2711656	Promoter (8-9kb)	19	2511219	2702694	-8562	ENSG00000176533	GNG7
NR4A1_Medium	chr19	3322757	3323157	Promoter (8-9kb)	19	3314403	3469217	8354	ENSG00000141905	NFIC
NR4A1_Medium	chr19	3476812	3477212	Promoter (1-2kb)	19	3474407	3478488	1267	ENSG00000095932	SMIM24
NR4A1_Medium	chr19	3479372	3479772	Promoter (<=1kb)	19	3474508	3479088	-284	ENSG00000095932	SMIM24
NR4A1_Medium	chr19	3774299	3774699	Promoter (2-3kb)	19	3769089	3772221	-2078	ENSG00000173976	RAX2
NR4A1_Medium	chr19	3923666	3924107	Promoter (8-9kb)	19	3933103	3942414	-8996	ENSG00000077009	NMRK2
NR4A1_Medium	chr19	4036371	4036771	Promoter (7-8kb)	19	4028461	4028814	7910	ENSG00000105229	PIAS4
NR4A1_Medium	chr19	4107233	4107633	Promoter (2-3kb)	19	4099409	4104792	-2441	ENSG00000126934	MAP2K2
NR4A1_Medium	chr19	4381217	4381617	Promoter (<=1kb)	19	4363853	4380292	-925	ENSG00000141985	SH3GL1
NR4A1_Medium	chr19	4786347	4786747	Promoter (4-5kb)	19	4791734	4801273	-4987	ENSG00000141965	FEM1A
NR4A1_Medium	chr19	5114118	5114518	Promoter (1-2kb)	19	5112358	5119682	1760	ENSG00000127663	KDM4B
NR4A1_Medium	chr19	5117075	5117475	Promoter (4-5kb)	19	5112358	5119682	4717	ENSG00000127663	KDM4B
NR4A1_Medium	chr19	5566731	5567131	Promoter (<=1kb)	19	5561632	5567831	700	ENSG00000223573	TINCR
NR4A1_Medium	chr19	5577228	5577628	Promoter (<=1kb)	19	5560774	5578349	721	ENSG00000223573	TINCR
NR4A1_Medium	chr19	6132128	6132528	Promoter (2-3kb)	19	6135247	6151797	-2719	ENSG00000130377	ACSBG2
NR4A1_Medium	chr19	6511506	6511906	Promoter (8-9kb)	19	6496176	6502848	-8658	ENSG00000104833	TUBB4A
NR4A1_Medium	chr19	6709927	6710327	Promoter (<=1kb)	19	6709756	6710957	630	ENSG00000125730	C3
NR4A1_Medium	chr19	6717324	6717724	Promoter (2-3kb)	19	6677704	6720650	2926	ENSG00000125730	C3
NR4A1_Medium	chr19	7164476	7164876	Promoter (3-4kb)	19	7159423	7167978	3102	ENSG00000171105	INSR
NR4A1_Medium	chr19	7358109	7358509	Promoter (2-3kb)	19	7355616	7383385	2493	ENSG00000104880	ARHGEF18
NR4A1_Medium	chr19	7616997	7617397	Promoter (<=1kb)	19	7617439	7617505	-42	ENSG00000273657	MIR6792
NR4A1_Medium	chr19	8107302	8107702	Promoter (4-5kb)	19	8110888	8111806	4104	ENSG00000142449	FBN3
NR4A1_Medium	chr19	8263034	8263434	Promoter (1-2kb)	19	8261627	8262421	1407	ENSG00000090661	CERS4
NR4A1_Medium	chr19	8553763	8554163	Promoter (<=1kb)	19	8551423	8554564	401	ENSG00000142347	MYO1F
NR4A1_Medium	chr19	8867659	8868059	Promoter (<=1kb)	19	8863316	8867014	-645	ENSG00000181143	MUC16
NR4A1_Medium	chr19	9259767	9260167	Promoter (8-9kb)	19	9250930	9252479	8837	ENSG00000237521	OR7E24
NR4A1_Medium	chr19	9603883	9604283	Promoter (9-10kb)	19	9611029	9614280	9997	ENSG00000171469	ZNF561
NR4A1_Medium	chr19	10331215	10331615	Promoter (1-2kb)	19	10323506	10333491	1876	ENSG00000161847	RAVER1
NR4A1_Medium	chr19	10608835	10609235	Promoter (6-7kb)	19	10602510	10644550	6325	ENSG00000129353	SLC44A2
NR4A1_Medium	chr19	10782144	10782544	Promoter (<=1kb)	19	10783016	10812300	-472	ENSG00000079805	LNMB2
NR4A1_Medium	chr19	13604210	13604610	Promoter (4-5kb)	19	13208046	13599946	-4264	ENSG00000141837	CACNA1A
NR4A1_Medium	chr19	14701355	14701755	Promoter (7-8kb)	19	14693451	14720793	7904	ENSG00000160961	ZNF333
NR4A1_Medium	chr19	15402213	15402613	Promoter (<=1kb)	19	15400400	15401276	-937	ENSG00000011243	AKAP8L
NR4A1_Medium	chr19	15812368	15812768	Promoter (4-5kb)	19	15807003	15808126	-4242	ENSG00000186723	OR10H1
NR4A1_Medium	chr19	16037243	16037643	Promoter (3-4kb)	19	16034120	16042111	3123	ENSG00000167459	LINC00905
NR4A1_Medium	chr19	16043065	16043465	Promoter (8-9kb)	19	16034120	16042111	8945	ENSG00000167459	LINC00905
NR4A1_Medium	chr19	16068756	16069156	Promoter (1-2kb)	19	16067733	16102875	1023	ENSG00000167460	TPM4
NR4A1_Medium	chr19	16428084	16428484	Promoter (6-7kb)	19	16417439	16421433	-6651	ENSG00000127527	EPS15L1
NR4A1_Medium	chr19	16724819	16725219	Promoter (2-3kb)	19	16727254	16817963	-2035	ENSG00000188039	NWD1
NR4A1_Medium	chr19	17962925	17963325	Promoter (3-4kb)	19	17967125	17974113	-3800	ENSG00000105642	KCNN1
NR4A1_Medium	chr19	18654079	18654479	Promoter (9-10kb)	19	18644638	18667992	9441	ENSG00000167487	KLHL26
NR4A1_Medium	chr19	18853553	18853953	Promoter (<=1kb)	19	18852998	18855157	555	ENSG00000005007	UPF1
NR4A1_Medium	chr19	29390459	29390859	Promoter (6-7kb)	19	29396469	29397810	6951	ENSG00000264515	LOC284395
NR4A1_Medium	chr19	33138330	33138730	Promoter (6-7kb)	19	33132114	33175799	6216	ENSG00000166359	WDR88
NR4A1										

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr19	41902928	41903328	Promoter (<=1kb)	19	41902798	41906561	130	ENSG00000076928	ARHGEF1
NR4A1_Medium	chr19	41914390	41914790	Promoter (7-8kb)	19	41906576	41907452	7814	ENSG00000076928	ARHGEF1
NR4A1_Medium	chr19	42265004	42265404	Promoter (3-4kb)	19	42268537	42295796	-3133	ENSG00000079432	CIC
NR4A1_Medium	chr19	44410995	44411395	Promoter (9-10kb)	19	44329695	44401608	-9387	ENSG00000062370	ZNF112
NR4A1_Medium	chr19	44525319	44525719	Promoter (3-4kb)	19	44506159	44529525	3806	ENSG00000273777	CEACAM20
NR4A1_Medium	chr19	44933444	44933844	Promoter (6-7kb)	19	44926976	44931058	6468	ENSG00000214855	APOC1P1
NR4A1_Medium	chr19	45241260	45241660	Promoter (3-4kb)	19	45212621	45245431	3771	ENSG00000283632	EXOC3L2
NR4A1_Medium	chr19	45252870	45253270	Promoter (1-2kb)	19	45251387	45303681	1483	ENSG00000007047	MARK4
NR4A1_Medium	chr19	45265429	45265829	Promoter (<=1kb)	19	45264687	45288552	742	ENSG00000007047	MARK4
NR4A1_Medium	chr19	46329753	46330153	Promoter (7-8kb)	19	46321780	46331496	7973	ENSG00000124440	HIF3A
NR4A1_Medium	chr19	47042099	47042499	Promoter (6-7kb)	19	47045909	47048624	6125	ENSG00000130748	TMEM160
NR4A1_Medium	chr19	47052263	47052859	Promoter (3-4kb)	19	47045909	47048624	-3639	ENSG00000130748	TMEM160
NR4A1_Medium	chr19	47473609	47474009	Promoter (1-2kb)	19	47465735	47471893	-1716	ENSG00000118160	SLC8A2
NR4A1_Medium	chr19	47769379	47769779	Promoter (<=1kb)	19	47757036	47768840	-539	ENSG00000269656	NOP53-AS1
NR4A1_Medium	chr19	47820277	47820677	Promoter (<=1kb)	19	47819779	47836314	498	ENSG00000105392	CRX
NR4A1_Medium	chr19	48087544	48087944	Promoter (2-3kb)	19	48074438	48085110	-2434	ENSG00000105499	PLA2G4C
NR4A1_Medium	chr19	48139555	48139955	Promoter (1-2kb)	19	48135754	48137891	-1664	ENSG00000105486	LIG1
NR4A1_Medium	chr19	48821561	48821961	Promoter (6-7kb)	19	48813018	48815072	-6489	ENSG00000087076	HSD17B14
NR4A1_Medium	chr19	49166453	49166853	Promoter (<=1kb)	19	49167644	49168337	-791	ENSG00000130529	TRPM4
NR4A1_Medium	chr19	49193868	49194268	Promoter (4-5kb)	19	49188868	49196716	5000	ENSG00000130529	TRPM4
NR4A1_Medium	chr19	50169742	50170142	Promoter (6-7kb)	19	50152548	50163195	-6547	ENSG00000161652	IZUMO2
NR4A1_Medium	chr19	50513329	50513729	Promoter (<=1kb)	19	50511603	50513913	184	ENSG00000204653	ASPDH
NR4A1_Medium	chr19	50644375	50644775	Promoter (4-5kb)	19	50621977	50639881	-4494	ENSG00000213023	SYT3
NR4A1_Medium	chr19	50645129	50645529	Promoter (3-4kb)	19	50649445	50659306	-3916	ENSG00000235034	C19orf81
NR4A1_Medium	chr19	50707838	50708238	Promoter (3-4kb)	19	50703699	50704506	-3332	ENSG00000161681	SHANK1
NR4A1_Medium	chr19	50715280	50715680	Promoter (1-2kb)	19	50661965	50716919	1239	ENSG00000161681	SHANK1
NR4A1_Medium	chr19	50944795	50945195	Promoter (7-8kb)	19	50943308	50952668	7473	ENSG00000167754	KLK5
NR4A1_Medium	chr19	50969850	50970250	Promoter (<=1kb)	19	50958632	50969673	-177	ENSG00000167755	KLK6
NR4A1_Medium	chr19	50978795	50979195	Promoter (4-5kb)	19	50976488	50983815	4620	ENSG00000169035	KLK7
NR4A1_Medium	chr19	51083226	51083626	Promoter (<=1kb)	19	51077969	51082886	-340	ENSG00000129437	KLK14
NR4A1_Medium	chr19	51693647	51694047	Promoter (<=1kb)	19	51693496	51705190	151	ENSG00000182310	SPACA6
NR4A1_Medium	chr19	52941112	52941512	Promoter (1-2kb)	19	52927135	52942601	1089	ENSG00000213801	ZNF321P
NR4A1_Medium	chr19	53624183	53624583	Promoter (7-8kb)	19	53632056	53637009	-7473	ENSG00000204595	DPRX
NR4A1_Medium	chr19	53988145	53988545	Promoter (3-4kb)	19	53992288	54012664	-3743	ENSG00000130433	CACNG6
NR4A1_Medium	chr19	55434365	55434765	Promoter (7-8kb)	19	55431976	55442337	7572	ENSG00000187902	SHISA7
NR4A1_Medium	chr19	55542869	55543269	Promoter (2-3kb)	19	55544248	55545522	2253	ENSG00000231274	SBK3
NR4A1_Medium	chr19	56158930	56159400	Promoter (1-2kb)	19	56157309	56159967	1621	ENSG00000167685	ZNF444
NR4A1_Medium	chr19	56175394	56175794	Promoter (<=1kb)	19	56176008	56185775	-214	ENSG00000197487	GALP
NR4A1_Medium	chr19	56560249	56560649	Promoter (6-7kb)	19	56567468	56582894	-6819	ENSG00000197016	ZNF470
NR4A1_Medium	chr19	56595562	56595962	Promoter (<=1kb)	19	56595335	56610543	227	NA	ZNF71-SMIM17
NR4A1_Medium	chr19	57159117	57159517	Promoter (7-8kb)	19	57154021	57167443	7926	ENSG00000258873	DUXA
NR4A1_Medium	chr19	57663587	57663987	Promoter (4-5kb)	19	57668935	57679152	-4948	ENSG00000180532	ZSCAN4
NR4A1_Medium	chr20	2863543	2863943	Promoter (<=1kb)	20	2863371	2865038	172	ENSG00000215305	VPS16
NR4A1_Medium	chr20	25494316	25494716	Promoter (2-3kb)	20	25488983	25496803	2087	ENSG00000101004	NINL
NR4A1_Medium	chr20	26073996	26074440	Promoter (1-2kb)	20	26072673	26082955	1323	ENSG00000125804	FAM182A
NR4A1_Medium	chr20	30283702	30284179	Promoter (5-6kb)	20	30278906	30289205	5026	NA	LINC01597
NR4A1_Medium	chr20	30285954	30286354	Promoter (2-3kb)	20	30278906	30289205	2851	NA	LINC01597
NR4A1_Medium	chr20	30412979	30413379	Promoter (9-10kb)	20	30403123	30403384	-9595	NA	MLLT10P1
NR4A1_Medium	chr20	31417983	31418383	Promoter (5-6kb)	20	31404845	31412838	-5145	ENSG00000204548	DEFB121
NR4A1_Medium	chr20	33074665	33075065	Promoter (4-5kb)	20	33079644	33092505	-4579	ENSG00000186191	BPIFB4
NR4A1_Medium	chr20	35579644	35580044	Promoter (<=1kb)	20	35576176	35579261	-383	ENSG00000088340	FER1L4
NR4A1_Medium	chr20	38589889	38590289	Promoter (8-9kb)	20	38581195	38588463	8694	ENSG00000182035	ADIG
NR4A1_Medium	chr20	38627386	38627786	Promoter (<=1kb)	20	38626996	38650508	390	ENSG00000124143	ARHGAP40
NR4A1_Medium	chr20	44722845	44723245	Promoter (<=1kb)	20	44723657	44728509	-412	ENSG00000064205	CCN5
NR4A1_Medium	chr20	45584845	45585245	Promoter (5-6kb)	20	45551762	45579326	-5519	ENSG00000158901	WFDC8
NR4A1_Medium	chr20	48930635	48931035	Promoter (8-9kb)	20	48921711	49036693	8924	ENSG00000124198	ARFGF2
NR4A1_Medium	chr20	50135494	50135894	Promoter (4-5kb)	20	50123770	50131132	-4362	ENSG00000240849	PEDS1
NR4A1_Medium	chr20	50609687	50610087	Promoter (4-5kb)	20	50614636	50614785	4698	ENSG00000221091	MIR1302-5
NR4A1_Medium	chr20	57218776	57219176	Promoter (3-4kb)	20	57214872	57215866	3904	NA	BMP7-AS1
NR4A1_Medium	chr20	57223347	57223747	Promoter (<=1kb)	20	57171039	57224685	938	ENSG00000101144	BMP7
NR4A1_Medium	chr20	58695032	58695432	Promoter (<=1kb)	20	58694421	58713580	611	ENSG00000254995	STX16-NPEPL1
NR4A1_Medium	chr20	59674267	59674842	Promoter (1-2kb)	20	59676661	59847711	-1819	ENSG00000087495	PHACTR3
NR4A1_Medium	chr20	60314533	60314933	Promoter (6-7kb)	20	60308474	60308567	6059	ENSG00000207802	MIR646
NR4A1_Medium	chr20	62229453	62229853	Promoter (2-3kb)	20	62231922	62236299	-2069	ENSG00000130703	LOC105369209
NR4A1_Medium	chr20	62397908	62398308	Promoter (1-2kb)	20	62391014	62396331	-1577	ENSG00000149679	CABLES2
NR4A1_Medium	chr20	62565770	62566170	Promoter (<=1kb)	20	62564912	62565013	858	ENSG00000284508	MIR133A2
NR4A1_Medium	chr20	62778109	62778509	Promoter (1-2kb)	20	62774121	62776996	-1113	ENSG00000228705	LINC00659
NR4A1_Medium	chr20	63172034	63172434	Promoter (6-7kb)	20	63178500	63178586	-6066	ENSG00000207598	MIR124-3
NR4A1_Medium	chr20	63492290	63492692	Promoter (6-7kb)	20	63490081	63498748	6056	ENSG00000101210	EEF1A2
NR4A1_Medium	chr20	63598222	63598622	Promoter (6-7kb)	20	63587602	63604902	6280	ENSG00000101216	GMEB2
NR4A1_Medium	chr20	64047115	64047515	Promoter (2-3kb)	20	64047582	64049639	2124	ENSG00000203883	SOX18
NR4A1_Medium	chr21	8219759	8220183	Promoter (7-8kb)	21	8212572	8212724	7187	ENSG00000276700	RNA5-8SN4
NR4A1_Medium	chr21	8991144	8991544	Promoter (4-5kb)	21	8986999	8987178	4145	ENSG00000275708	MIR3648-1
NR4A1_Medium	chr21	8991733	8992133	Promoter (4-5kb)	21	8986999	8987178	4734	ENSG00000275708	MIR3648-1
NR4A1_Medium	chr21	28876936	28877336	Promoter (8-9kb)	21	28872191	28885367	8031	ENSG00000156239	N6AMT1
NR4A1_Medium	chr21	32586779	32587179	Promoter (<=1kb)	21	32576848	32587373	194	ENSG00000242220	TCP10L
NR4A1_Medium	chr21	34115877	34116277	Promoter (5-6kb)	21	34122174	34143034	-5897	ENSG00000243927	MRPS6
NR4A1_Medium	chr21	34152246	34152646	Promoter (5-6kb)	21	34157724	34188917	-5078	ENSG00000227456	LINC00310
NR4A1_Medium	chr21	36539619	36540019	Promoter (2-3kb)	21	36460621	36542600	2581	ENSG00000159261	CLDN14
NR4A1_Medium	chr21	41139247	41139647	Promoter (7-8kb)	21	41143180	41147433	7786	ENSG00000226496	LINC00323
NR4A1_Medium	chr21	41150538	41150938	Promoter (2-3kb)	21	41141493	41148198	-2340	ENSG00000226496	LINC00323
NR4A1_Medium	chr21	41796822	41797222	Promoter (5-6kb)	21	41801628	41803118	5896	ENSG00000141956	PRDM15
NR4A1_Medium	chr21	41813106	41813506	Promoter (1-2kb)	21	41798225	41814962	1456	ENSG00000141956	PRDM15
NR4A1_Medium	chr21	41864999	41865399	Promoter (1-2kb)	21	41798225	41863302	-1697	ENSG00000141956	PRDM15
NR4A1_Medium	chr21	42104270	42104670	Promoter (3-4kb)	21	42102134	42108534	3864	ENSG00000184385	UMODL1-AS1
NR4A1_Medium	chr21	42759310	42759710	Promoter (2-3kb)	21	42762214	42768412	-2504	ENSG00000160191	PDE9A
NR4A1_Medium	chr21	44558284	44558684	Promoter (<=1kb)	21	44557790	44558795	111	ENSG00000212935	KRTAP10-3
NR4A1_Medium	chr21	44612808	44613208	Promoter (<=1kb)	21	44612079	44612954	729	ENSG00000187766	KRTAP10-8
NR4A1_Medium	chr21	44697324	44697724	Promoter (<=1kb)	21	44697172	44698044	152	ENSG00000189169	KRTAP10-12
NR4A1_Medium	chr21	45479355	45479755	Promoter (1-2kb)	21	45478266	45478326	1089	ENSG00000275167	MIR6815
NR4A1_Medium	chr21	45508017	45508417	Promoter (1-2kb)	21	45506019	45512567	1998	ENSG00000182871	COL18A1
NR4A1_Medium	chr21	45898067	45898467	Promoter (1-2kb)	21	45896294	45941706	1773	ENSG00000183570	PCBP3
NR4A1_Medium	chr21	45901490	45901890	Promoter (<=1kb)	21	45901015	45940199	475	ENSG00000183570	PCBP3
NR4A1_Medium	chr21	45984777	45985177	Promoter (1-2kb)	21	45987109	45987633	-1932	ENSG00000	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_Medium	chr22	29712026	29712426	Promoter (7-8kb)	22	29720003	29731833	-7577	ENSG00000100314	CABP7
NR4A1_Medium	chr22	32542255	32542655	Promoter (<=1kb)	22	32527672	32541716	-539	ENSG00000185666	SYN3
NR4A1_Medium	chr22	35343381	35343781	Promoter (<=1kb)	22	35344186	35347983	-405	ENSG00000100284	TOM1
NR4A1_Medium	chr22	37493438	37493838	Promoter (<=1kb)	22	37490363	37494576	738	ENSG00000100065	CARD10
NR4A1_Medium	chr22	37665631	37666031	Promoter (<=1kb)	22	37664911	37666932	720	ENSG00000241360	PDXP
NR4A1_Medium	chr22	38140854	38141254	Promoter (<=1kb)	22	38129518	38140033	-821	ENSG00000184381	PLA2G6
NR4A1_Medium	chr22	39430534	39430934	Promoter (1-2kb)	22	39432431	39437060	-1497	NA	LOC100506472
NR4A1_Medium	chr22	39563808	39564208	Promoter (6-7kb)	22	39570753	39684528	-6545	ENSG00000100346	CACNA11
NR4A1_Medium	chr22	39565901	39566301	Promoter (4-5kb)	22	39570753	39684528	-4452	ENSG00000100346	CACNA11
NR4A1_Medium	chr22	39646195	39646595	Promoter (3-4kb)	22	39642797	39643512	3398	ENSG00000100346	CACNA11
NR4A1_Medium	chr22	41449888	41450388	Promoter (3-4kb)	22	41433494	41446801	-3187	ENSG00000183864	TOB2
NR4A1_Medium	chr22	41671755	41672155	Promoter (4-5kb)	22	41673934	41676323	4168	ENSG00000100138	SNU13
NR4A1_Medium	chr22	42430100	42430500	Promoter (1-2kb)	22	42410277	42432362	1862	ENSG00000235568	NFAM1
NR4A1_Medium	chr22	43280348	43280748	Promoter (4-5kb)	22	43275955	43283830	4393	ENSG00000203527	SCUBE1-AS1
NR4A1_Medium	chr22	43579495	43579895	Promoter (9-10kb)	22	43528744	43570143	-9352	ENSG00000186976	EFCAB6
NR4A1_Medium	chr22	44146132	44146532	Promoter (9-10kb)	22	44136464	44139124	9668	ENSG00000188677	PARVB
NR4A1_Medium	chr22	44438434	44438834	Promoter (4-5kb)	22	44443327	44444788	-4493	ENSG00000232655	LINC01656
NR4A1_Medium	chr22	44618943	44619343	Promoter (6-7kb)	22	44606939	44625419	6076	NA	LINC00229
NR4A1_Medium	chr22	44965286	44965686	Promoter (3-4kb)	22	44916455	44969083	3397	ENSG00000056487	PHF21B
NR4A1_Medium	chr22	47343218	47343618	Promoter (1-2kb)	22	47345569	47373541	-1951	ENSG00000224715	LOC339685
NR4A1_Medium	chr22	47344797	47345197	Promoter (<=1kb)	22	47345569	47373541	-372	ENSG00000224715	LOC339685
NR4A1_Medium	chr22	47631820	47632220	Promoter (<=1kb)	22	47631992	47638225	0	ENSG00000224271	LOC284930
NR4A1_Medium	chr22	48269231	48269631	Promoter (4-5kb)	22	48274364	48274415	-4733	ENSG00000266508	MIR3201
NR4A1_Medium	chr22	48542332	48542732	Promoter (4-5kb)	22	48538902	48547342	4610	ENSG00000281732	LOC284933
NR4A1_Medium	chr22	48686735	48687135	Promoter (6-7kb)	22	48693247	48750408	-6112	ENSG00000219438	TAF5
NR4A1_Medium	chr22	48697638	48698038	Promoter (4-5kb)	22	48693247	48750408	4391	ENSG00000219438	TAF5
NR4A1_Medium	chr22	48859037	48859437	Promoter (7-8kb)	22	48866770	48898386	-7333	ENSG00000205632	LINC01310
NR4A1_Medium	chr22	50339728	50340128	Promoter (3-4kb)	22	50343304	50445090	-3176	ENSG00000100239	PPP6R2
NR4A1_Medium	chr22	50346835	50347235	Promoter (3-4kb)	22	50343331	50444374	3504	ENSG00000100239	PPP6R2
NR4A1_R848	chr1	1289929	1290329	Promoter (2-3kb)	1	1287109	1290943	2820	ENSG00000162572	SCNN1D
NR4A1_R848	chr1	1366288	1366688	Promoter (4-5kb)	1	1352692	1361777	-4511	ENSG00000162576	MXRA8
NR4A1_R848	chr1	1366867	1367267	Promoter (5-6kb)	1	1352692	1361777	-5090	ENSG00000162576	MXRA8
NR4A1_R848	chr1	1595196	1595724	Promoter (4-5kb)	1	1598012	1600135	4411	ENSG00000228594	FNDC10
NR4A1_R848	chr1	1596009	1596409	Promoter (3-4kb)	1	1598012	1600135	3726	ENSG00000228594	FNDC10
NR4A1_R848	chr1	3025962	3026386	Promoter (4-5kb)	1	3021467	3022903	4495	ENSG00000169717	ACTRT2
NR4A1_R848	chr1	3051434	3051834	Promoter (9-10kb)	1	3059617	3061751	9917	ENSG00000177133	PRDM16-DT
NR4A1_R848	chr1	4647469	4647869	Promoter (6-7kb)	1	4654609	4792534	-6740	ENSG00000196581	AJAP1
NR4A1_R848	chr1	5868874	5869274	Promoter (<=1kb)	1	5862811	5868375	-499	ENSG00000131697	NPHP4
NR4A1_R848	chr1	6174592	6175227	Promoter (4-5kb)	1	6105091	6180023	4796	ENSG00000116254	CHD5
NR4A1_R848	chr1	10661715	10662115	Promoter (<=1kb)	1	10658007	10661398	-317	ENSG00000130940	CASZ1
NR4A1_R848	chr1	11039571	11039971	Promoter (3-4kb)	1	11037693	11043198	3227	ENSG00000009724	MASP2
NR4A1_R848	chr1	11041518	11041918	Promoter (1-2kb)	1	11037693	11043198	1280	ENSG00000009724	MASP2
NR4A1_R848	chr1	16233597	16233997	Promoter (2-3kb)	1	16232281	16236659	2662	ENSG00000132881	CPLANE2
NR4A1_R848	chr1	16606956	16607356	Promoter (1-2kb)	1	16593562	16608650	1294	ENSG00000219481	NBPF1
NR4A1_R848	chr1	23625857	23626257	Promoter (1-2kb)	1	23627334	23640568	-1077	ENSG00000197880	MDS2
NR4A1_R848	chr1	25767161	25767561	Promoter (4-5kb)	1	25772069	25782700	-4508	ENSG00000117643	MAN1C1
NR4A1_R848	chr1	25768310	25768710	Promoter (3-4kb)	1	25772069	25782700	-3359	ENSG00000117643	MAN1C1
NR4A1_R848	chr1	27548799	27549199	Promoter (4-5kb)	1	27552773	27553545	4346	ENSG00000126705	AHDC1
NR4A1_R848	chr1	31770929	31771329	Promoter (6-7kb)	1	31741800	31764893	-6036	ENSG00000121753	ADGRB2
NR4A1_R848	chr1	41489712	41490112	Promoter (5-6kb)	1	41478775	41484683	-5029	ENSG00000127129	EDN2
NR4A1_R848	chr1	43906048	43906448	Promoter (6-7kb)	1	43899588	43930176	6460	ENSG00000126091	ST3GAL3
NR4A1_R848	chr1	52842950	52843350	Promoter (<=1kb)	1	52842760	52894998	190	ENSG00000203995	ZYG11A
NR4A1_R848	chr1	53097612	53098012	Promoter (6-7kb)	1	53087184	53090982	-6630	ENSG00000162383	SLC1A7
NR4A1_R848	chr1	60598508	60598908	Promoter (2-3kb)	1	60540250	60601677	2769	ENSG00000226476	LINC01748
NR4A1_R848	chr1	98205623	98206023	Promoter (4-5kb)	1	98210747	98272658	-4724	ENSG00000226053	LINC01776
NR4A1_R848	chr1	160194279	160194679	Promoter (1-2kb)	1	160192638	160199053	1641	ENSG00000143318	CASQ1
NR4A1_R848	chr1	169621186	169621586	Promoter (1-2kb)	1	169588849	169619219	-1967	ENSG00000174175	SELP
NR4A1_R848	chr1	202136653	202137053	Promoter (<=1kb)	1	202135202	202138034	981	ENSG00000143862	ARL8A
NR4A1_R848	chr1	202183967	202184367	Promoter (<=1kb)	1	202183598	202189449	369	ENSG00000243323	PTPRVP
NR4A1_R848	chr1	202818015	202818415	Promoter (1-2kb)	1	202820266	202827225	-1851	ENSG00000184774	MGAT4EP
NR4A1_R848	chr1	203500310	203500710	Promoter (4-5kb)	1	203495970	203499709	4340	ENSG00000188770	OPTC
NR4A1_R848	chr1	206762838	206763238	Promoter (7-8kb)	1	206767602	206770575	7337	ENSG00000136634	IL10
NR4A1_R848	chr1	228071433	228071833	Promoter (4-5kb)	1	228073909	228076550	4717	ENSG00000276255	LINC02809
NR4A1_R848	chr1	228622144	228622544	Promoter (<=1kb)	1	228621447	228621565	-579	ENSG00000199352	RNA551
NR4A1_R848	chr1	248752941	248753539	Promoter (2-3kb)	1	248739415	248755759	2220	ENSG00000259823	LYPD8
NR4A1_R848	chr2	1155128	1155528	Promoter (7-8kb)	2	1163247	1220057	-7719	ENSG00000172554	SNTG2
NR4A1_R848	chr2	1866358	1867045	Promoter (4-5kb)	2	1789241	1861677	-4681	ENSG00000186487	MYT1L
NR4A1_R848	chr2	3527865	3528265	Promoter (5-6kb)	2	3531990	3533370	5105	ENSG00000171865	RNASEH1
NR4A1_R848	chr2	10312494	10312894	Promoter (8-9kb)	2	10303700	10427617	8794	ENSG00000115756	HPCAL1
NR4A1_R848	chr2	20229414	20229814	Promoter (3-4kb)	2	20200799	20225433	-3981	ENSG00000115884	SDC1
NR4A1_R848	chr2	25174297	25174697	Promoter (5-6kb)	2	25160915	25168903	-5394	ENSG00000115138	POMC
NR4A1_R848	chr2	26484820	26485220	Promoter (6-7kb)	2	26457203	26478042	-6778	ENSG00000115155	OTOF
NR4A1_R848	chr2	29005568	29005968	Promoter (8-9kb)	2	29014467	29052230	-8499	ENSG00000189350	TOGARAM2
NR4A1_R848	chr2	71618226	71618634	Promoter (7-8kb)	2	71610779	71644033	7447	ENSG00000135636	DYSF
NR4A1_R848	chr2	84829308	84829708	Promoter (5-6kb)	2	84821666	84835504	5796	ENSG00000186854	TRABD2A
NR4A1_R848	chr2	87824859	87825259	Promoter (<=1kb)	2	87771406	87825767	508	ENSG00000185304	RGPD2
NR4A1_R848	chr2	100613733	100614133	Promoter (6-7kb)	2	100607121	100611542	6612	ENSG00000234988	LINC01849
NR4A1_R848	chr2	110724920	110725369	Promoter (7-8kb)	2	110732573	111094344	-7204	ENSG00000153093	ACOXL
NR4A1_R848	chr2	113213021	113213421	Promoter (1-2kb)	2	113211522	113239690	1499	ENSG00000189223	PAX8-AS1
NR4A1_R848	chr2	132266507	132266907	Promoter (8-9kb)	2	132147591	132257969	-8538	ENSG00000163046	ANKRD30BL
NR4A1_R848	chr2	217989820	217990220	Promoter (<=1kb)	2	217799795	217991014	794	ENSG00000079308	TNS1
NR4A1_R848	chr2	231004909	231005309	Promoter (2-3kb)	2	231002771	231025055	2138	ENSG00000173699	SPATA3
NR4A1_R848	chr2	232338766	232339166	Promoter (2-3kb)	2	232335785	232336973	2981	ENSG00000144535	DIS3L2
NR4A1_R848	chr2	233014886	233015549	Promoter (1-2kb)	2	232878701	233013256	-1630	ENSG00000066248	NGEF
NR4A1_R848	chr2	236341443	236341843	Promoter (4-5kb)	2	236324653	236346751	4908	ENSG00000132321	IQCA1
NR4A1_R848	chr2	237517415	237517815	Promoter (<=1kb)	2	237518029	237553991	-214	ENSG00000115648	MLPH
NR4A1_R848	chr2	238118329	238119063	Promoter (8-9kb)	2	238127390	238133287	-8327	ENSG00000144488	ESPNL
NR4A1_R848	chr2	238119310	238119710	Promoter (7-8kb)	2	238127390	238133287	-7680	ENSG00000144488	ESPNL
NR4A1_R848	chr2	238126898	238127298	Promoter (<=1kb)	2	238127390	238133287	-92	ENSG00000144488	ESPNL
NR4A1_R848	chr2	239116552	239116952	Promoter (8-9kb)	2	239102609	239108104	-8448	ENSG00000068024	HDAC4
NR4A1_R848	chr2	239345708	239346108	Promoter (5-6kb)	2	239351724	239351804	5696	ENSG00000264292	MIR2467
NR4A1_R848	chr2	240527505	240527905	Promoter (<=1kb)	2	240521939	240527881	0	ENSG00000144504	ANKMY1
NR4A1_R848	chr2	240950656	240951056	Promoter (1-2kb)	2	240949655	240950929	1001	ENSG00000226321	CROCC2
NR4A1_R848	chr2	240961850	240962250	Promoter (						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_R848	chr3	129515989	129516389	Promoter (3-4kb)	3	129512381	129514820	3608	ENSG00000163913	IFT122
NR4A1_R848	chr3	157071885	157072285	Promoter (9-10kb)	3	157081738	157088547	-9453	ENSG00000241544	LINC02029
NR4A1_R848	chr3	197918081	197918481	Promoter (1-2kb)	3	197913351	197916420	-1661	ENSG00000114473	IQCG
NR4A1_R848	chr4	1324424	1324824	Promoter (4-5kb)	4	1329057	1340113	-4233	ENSG00000090316	MAEA
NR4A1_R848	chr4	2242871	2243271	Promoter (<=1kb)	4	2078998	2242276	-595	ENSG00000130997	POLN
NR4A1_R848	chr4	3468233	3468633	Promoter (4-5kb)	4	3463311	3501473	4922	ENSG00000175920	DOK7
NR4A1_R848	chr4	6423416	6423816	Promoter (2-3kb)	4	6323046	6421118	-2298	ENSG00000074211	PPP2R2C
NR4A1_R848	chr4	6725578	6725978	Promoter (9-10kb)	4	6716174	6717664	9404	ENSG00000186222	BLOC1S4
NR4A1_R848	chr4	7190347	7190747	Promoter (1-2kb)	4	7192538	7742827	-1791	ENSG00000184985	SORCS2
NR4A1_R848	chr4	8012331	8012731	Promoter (1-2kb)	4	8007385	8010728	-1603	ENSG00000163995	ABLIM2
NR4A1_R848	chr4	8166210	8166610	Promoter (7-8kb)	4	8106494	8158832	-7378	ENSG00000163995	ABLIM2
NR4A1_R848	chr4	26492430	26492830	Promoter (1-2kb)	4	26481396	26490484	-1946	ENSG00000163394	CKAR
NR4A1_R848	chr4	101323886	101324286	Promoter (6-7kb)	4	101330302	101330414	6128	ENSG00000221265	MIR1255A
NR4A1_R848	chr4	119406912	119407312	Promoter (6-7kb)	4	119409892	119413366	6054	NA	LINC01061
NR4A1_R848	chr4	184220174	184220574	Promoter (<=1kb)	4	184116863	184221230	656	ENSG00000164303	ENPP6
NR4A1_R848	chr4	186605175	186605575	Promoter (3-4kb)	4	186600331	186601700	-3475	ENSG00000083857	FAT1
NR4A1_R848	chr5	648286	648686	Promoter (4-5kb)	5	644138	653243	4148	ENSG00000112877	CEP72
NR4A1_R848	chr5	1198747	1199293	Promoter (2-3kb)	5	1201595	1223270	-2302	ENSG00000174358	SLC6A19
NR4A1_R848	chr5	2762053	2762453	Promoter (9-10kb)	5	2752265	2755376	9788	ENSG00000186493	C5orf38
NR4A1_R848	chr5	3445771	3446171	Promoter (6-7kb)	5	3452816	3461660	-6645	ENSG00000249830	LINC02162
NR4A1_R848	chr5	3446300	3446732	Promoter (6-7kb)	5	3452816	3461660	-6084	ENSG00000249830	LINC02162
NR4A1_R848	chr5	6447443	6447843	Promoter (1-2kb)	5	6448859	6496723	-1016	ENSG00000215218	UBE2QL1
NR4A1_R848	chr5	14402691	14403242	Promoter (2-3kb)	5	14406214	14419904	-2972	ENSG00000038382	TRIO
NR4A1_R848	chr5	34191673	34192073	Promoter (1-2kb)	5	34190056	34193653	1617	NA	LOC646652
NR4A1_R848	chr5	134459897	134460297	Promoter (<=1kb)	5	134429051	134460615	318	ENSG00000250564	LOC102546229
NR4A1_R848	chr5	147872891	147873291	Promoter (<=1kb)	5	147872018	147882191	873	ENSG00000164265	SCGB3A2
NR4A1_R848	chr5	149312698	149313098	Promoter (2-3kb)	5	149315640	149341802	-2542	ENSG00000157510	AFAP1L1
NR4A1_R848	chr5	168422953	168423353	Promoter (5-6kb)	5	168428705	168454001	-5352	ENSG00000113645	WWC1
NR4A1_R848	chr5	175881145	175881545	Promoter (2-3kb)	5	175878206	175880053	2939	ENSG00000145920	CPLX2
NR4A1_R848	chr5	176133099	176133499	Promoter (9-10kb)	5	176123834	176125138	9265	NA	NA
NR4A1_R848	chr5	176800709	176801109	Promoter (9-10kb)	5	176810519	176880898	-9410	ENSG00000113763	UNC5A
NR4A1_R848	chr6	34072843	34073243	Promoter (9-10kb)	6	34022138	34063635	-9208	ENSG00000124493	GRM4
NR4A1_R848	chr6	35209069	35209469	Promoter (4-5kb)	6	35213956	35253079	-4487	ENSG00000146197	SCUBE3
NR4A1_R848	chr6	36409818	36410218	Promoter (9-10kb)	6	36391001	36400524	-9294	ENSG00000179165	PXT1
NR4A1_R848	chr6	44009544	44009944	Promoter (5-6kb)	6	43997182	44003649	-5895	ENSG00000237686	LOC101929705
NR4A1_R848	chr6	160218858	160219258	Promoter (<=1kb)	6	160217014	160218284	-574	ENSG00000112499	SLC22A2
NR4A1_R848	chr6	160668824	160669224	Promoter (4-5kb)	6	160531483	160664259	-4565	ENSG00000198670	LPA
NR4A1_R848	chr6	167169278	167169855	Promoter (<=1kb)	6	167170619	167182908	-764	NA	TCP10L2
NR4A1_R848	chr6	167386889	167387289	Promoter (2-3kb)	6	167377859	167384510	-2379	ENSG00000203690	TCP10L3
NR4A1_R848	chr6	167789860	167790260	Promoter (5-6kb)	6	167795530	167798248	-5270	ENSG00000269155	LOC441179
NR4A1_R848	chr6	167977494	167977894	Promoter (<=1kb)	6	167975924	167976939	-555	ENSG00000235994	HGC6.3
NR4A1_R848	chr6	168659479	168659926	Promoter (6-7kb)	6	168653203	168673445	6276	ENSG00000112562	SMOC2
NR4A1_R848	chr6	169233633	169234033	Promoter (3-4kb)	6	169234510	169237412	3379	ENSG00000186340	THBS2
NR4A1_R848	chr7	566447	566872	Promoter (4-5kb)	7	561958	565619	4489	ENSG00000229380	PRKAR1B-AS2
NR4A1_R848	chr7	1871603	1872003	Promoter (<=1kb)	7	1815793	1872756	753	ENSG00000002822	MAD1L1
NR4A1_R848	chr7	2102168	2102568	Promoter (5-6kb)	7	2014506	2107708	5140	ENSG00000002822	MAD1L1
NR4A1_R848	chr7	2850533	2850933	Promoter (6-7kb)	7	2728105	2844308	-6225	ENSG00000146535	GNA12
NR4A1_R848	chr7	4125047	4125447	Promoter (4-5kb)	7	4129685	4269000	-4238	ENSG00000146555	SDK1
NR4A1_R848	chr7	4807562	4807962	Promoter (3-4kb)	7	4799105	4804068	-3494	ENSG00000157927	RADIL
NR4A1_R848	chr7	6645629	6646029	Promoter (3-4kb)	7	6641885	6644565	3744	ENSG00000205903	ZNF316
NR4A1_R848	chr7	24984603	24985003	Promoter (2-3kb)	7	24871983	24981634	-2969	ENSG00000070882	OSBPL3
NR4A1_R848	chr7	30694791	30695191	Promoter (2-3kb)	7	30697985	30755970	-2794	ENSG00000241644	INMT
NR4A1_R848	chr7	31077405	31077930	Promoter (9-10kb)	7	31086971	31104899	-9041	ENSG00000078549	ADCYAP1R1
NR4A1_R848	chr7	36515602	36516002	Promoter (<=1kb)	7	36513002	36514676	-926	ENSG00000136250	AOAH
NR4A1_R848	chr7	45079922	45080322	Promoter (1-2kb)	7	45080979	45081400	1078	ENSG00000136274	NACAD
NR4A1_R848	chr7	54545946	54546346	Promoter (<=1kb)	7	54546161	54569489	0	ENSG00000170419	VSTM2A
NR4A1_R848	chr7	66099216	66099616	Promoter (9-10kb)	7	66089239	66092954	9977	ENSG00000126522	ASL
NR4A1_R848	chr7	73428126	73428526	Promoter (5-6kb)	7	73433778	73436120	-5252	ENSG00000188763	FZD9
NR4A1_R848	chr7	73592929	73593329	Promoter (4-5kb)	7	73596174	73597362	4033	ENSG00000009950	MLXIPL
NR4A1_R848	chr7	75779719	75780119	Promoter (7-8kb)	7	75769533	75772257	-7462	ENSG00000006606	CCL26
NR4A1_R848	chr7	76208438	76208838	Promoter (6-7kb)	7	76201896	76287287	6542	ENSG00000177679	SRRM3
NR4A1_R848	chr7	98242658	98243058	Promoter (<=1kb)	7	98238504	98243574	516	ENSG00000205356	TECPR1
NR4A1_R848	chr7	100580564	100580964	Promoter (<=1kb)	7	100574660	100580873	0	ENSG00000077454	LRCH4
NR4A1_R848	chr7	100958490	100958890	Promoter (<=1kb)	7	100957965	100967890	525	ENSG00000169894	MUC3A
NR4A1_R848	chr7	128348957	128349357	Promoter (5-6kb)	7	128338280	128343908	-5049	ENSG00000106344	RBM28
NR4A1_R848	chr7	128887959	128888359	Promoter (7-8kb)	7	128862451	128880923	-7036	ENSG00000135253	KCP
NR4A1_R848	chr7	149804852	149805252	Promoter (5-6kb)	7	149810915	149812635	-5663	ENSG00000197558	SSPOP
NR4A1_R848	chr7	151197997	151198397	Promoter (<=1kb)	7	151194256	151197302	-695	ENSG00000278685	IQCA1L
NR4A1_R848	chr7	151276577	151276977	Promoter (<=1kb)	7	151238976	151276734	0	ENSG00000082014	SMARCD3
NR4A1_R848	chr7	154883216	154883616	Promoter (<=1kb)	7	154883568	154891230	0	ENSG00000130226	DPP6
NR4A1_R848	chr7	159106552	159106952	Promoter (9-10kb)	7	159030455	159097204	-9348	ENSG00000106018	VIPR2
NR4A1_R848	chr8	20248760	20249160	Promoter (6-7kb)	8	20249722	20255181	6021	ENSG00000061337	LZTS1
NR4A1_R848	chr8	33592294	33592694	Promoter (5-6kb)	8	33593532	33597807	5113	ENSG00000133878	DUSP26
NR4A1_R848	chr8	37518226	37518626	Promoter (<=1kb)	8	37516407	37517728	-498	ENSG00000253414	LINC01605
NR4A1_R848	chr8	38156942	38157342	Promoter (5-6kb)	8	38143652	38150992	-5950	ENSG00000147465	STAR
NR4A1_R848	chr8	42451809	42452209	Promoter (7-8kb)	8	42439467	42460168	7959	ENSG00000168575	SLC20A2
NR4A1_R848	chr8	48626279	48626679	Promoter (5-6kb)	8	48620465	48623895	5814	ENSG00000253455	LOC101929217
NR4A1_R848	chr8	56310196	56310596	Promoter (9-10kb)	8	56300010	56320175	9579	ENSG00000170786	SDR16C5
NR4A1_R848	chr8	132187617	132188017	Promoter (<=1kb)	8	132120859	132187213	-404	ENSG00000184156	KCNQ3
NR4A1_R848	chr8	133194536	133194936	Promoter (3-4kb)	8	133191137	133228064	3399	ENSG00000104415	CCN4
NR4A1_R848	chr8	139696577	139696977	Promoter (5-6kb)	8	139600839	139702956	5979	ENSG00000169427	KCNK9
NR4A1_R848	chr8	139804015	139804415	Promoter (1-2kb)	8	139731006	139806233	1818	ENSG00000167632	TRAPPC9
NR4A1_R848	chr8	140747651	140748051	Promoter (<=1kb)	8	140744701	140747272	-379	ENSG00000169398	PTK2
NR4A1_R848	chr8	142190983	142191400	Promoter (6-7kb)	8	142198356	142209003	-6956	ENSG00000254008	LINC00051
NR4A1_R848	chr8	142192584	142192984	Promoter (5-6kb)	8	142198356	142209003	-5372	ENSG00000254008	LINC00051
NR4A1_R848	chr8	142205153	142205553	Promoter (6-7kb)	8	142198356	142209003	6797	ENSG00000254008	LINC00051
NR4A1_R848	chr8	142272019	142272637	Promoter (7-8kb)	8	142271567	142279997	7360	ENSG00000171045	TSNARE1
NR4A1_R848	chr8	142469027	142469427	Promoter (5-6kb)	8	142464016	142545006	5011	ENSG00000181790	ADGRB1
NR4A1_R848	chr8	142478601	142479001	Promoter (<=1kb)	8	142479120	142540020	-119	ENSG00000181790	ADGRB1
NR4A1_R848	chr8	142744578	142744978	Promoter (2-3kb)	8	142740949	142742406	-2172	ENSG00000126233	SLURP1
NR4A1_R848	chr8	142746585	142746985	Promoter (4-5kb)	8	142740949	142742406	-4179	ENSG00000126233	SLURP1
NR4A1_R848	chr8	142990057	142990470	Promoter (5-6kb)	8	142995850	142996482	-5380	NA	CDC42P3
NR4A1_R848	chr8	144021042	144021442	Promoter (8-9kb)	8	143985891	144012772	-8270	ENSG00000178685	PARP10
NR4A1_R848	chr9	41229643								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_R848	chr9	134285383	134285783	Promoter (9–10kb)	9	134293931	134295397	9614	ENSG00000223729	LINC02247
NR4A1_R848	chr9	135091333	135091733	Promoter (3–4kb)	9	135095060	135119654	-3327	ENSG00000130558	OLFM1
NR4A1_R848	chr9	135726876	135727276	Promoter (9–10kb)	9	135736517	135793618	-9241	ENSG00000107147	KCNT1
NR4A1_R848	chr9	135774033	135774464	Promoter (1–2kb)	9	135772858	135784858	1175	ENSG00000107147	KCNT1
NR4A1_R848	chr9	137355371	137355788	Promoter (1–2kb)	9	137352633	137357297	1509	ENSG00000187609	EXD3
NR4A1_R848	chr9	137386827	137387227	Promoter (8–9kb)	9	137353900	137395408	8181	ENSG00000187609	EXD3
NR4A1_R848	chr10	81117	81517	Promoter (6–7kb)	10	46892	74163	-6954	ENSG00000261456	TUBB8
NR4A1_R848	chr10	1209499	1209899	Promoter (9–10kb)	10	1183151	1200385	-9114	ENSG00000185736	ADARB2
NR4A1_R848	chr10	5370719	5371119	Promoter (5–6kb)	10	5364966	5374692	5753	ENSG00000178473	UCN3
NR4A1_R848	chr10	5497361	5497761	Promoter (1–2kb)	10	5498697	5499570	1809	ENSG00000178372	CALML5
NR4A1_R848	chr10	5528360	5528760	Promoter (2–3kb)	10	5517281	5526246	-2114	NA	CALML3-AS1
NR4A1_R848	chr10	27753090	27753490	Promoter (7–8kb)	10	27672875	27746060	-7030	ENSG00000150051	MKX
NR4A1_R848	chr10	27770203	27770603	Promoter (8–9kb)	10	27761589	27767793	8614	NA	MKX-AS1
NR4A1_R848	chr10	29695685	29696085	Promoter (9–10kb)	10	29657870	29686640	-9045	ENSG00000197321	SVIL
NR4A1_R848	chr10	46268233	46268633	Promoter (4–5kb)	10	46233885	46273557	4924	NA	ANTXRLP1
NR4A1_R848	chr10	46298153	46298553	Promoter (<=1kb)	10	46297404	46310499	749	ENSG00000274209	ANTXRL
NR4A1_R848	chr10	47323140	47323540	Promoter (<=1kb)	10	47322454	47327588	686	ENSG00000263761	GDF2
NR4A1_R848	chr10	49624863	49625263	Promoter (9–10kb)	10	49615757	49619856	9106	ENSG00000070748	CHAT
NR4A1_R848	chr10	49742253	49742653	Promoter (2–3kb)	10	49743571	49745357	2704	ENSG00000197444	OGDHL
NR4A1_R848	chr10	71432166	71432566	Promoter (7–8kb)	10	71439832	71717907	-7266	ENSG00000107736	CDH23
NR4A1_R848	chr10	73755132	73755532	Promoter (4–5kb)	10	73760110	73763555	-4578	ENSG00000176986	SEC24C
NR4A1_R848	chr10	80539332	80539732	Promoter (<=1kb)	10	80538332	80644085	1000	ENSG00000178217	SH2D4B
NR4A1_R848	chr10	80656068	80656468	Promoter (6–7kb)	10	80649797	80653732	6271	ENSG00000231082	LINC02655
NR4A1_R848	chr10	84186866	84187266	Promoter (7–8kb)	10	84194537	84218694	-7271	ENSG00000148600	CDHR1
NR4A1_R848	chr10	103250849	103251249	Promoter (4–5kb)	10	103245887	103248016	4962	ENSG00000235376	RPEL1
NR4A1_R848	chr10	116613089	116613489	Promoter (7–8kb)	10	116620953	116645143	-7464	ENSG00000266200	PNLIPRP2
NR4A1_R848	chr10	122724642	122725042	Promoter (4–5kb)	10	122729429	122826448	-4387	ENSG00000176584	DMBT1L1
NR4A1_R848	chr10	132364268	132364668	Promoter (<=1kb)	10	132365471	132367001	-803	ENSG00000148814	LRRC27
NR4A1_R848	chr10	132392393	132392793	Promoter (4–5kb)	10	132397168	132417528	-4375	ENSG00000171813	PWWP2B
NR4A1_R848	chr10	132703652	132704052	Promoter (6–7kb)	10	132710348	132753972	-6296	ENSG00000068383	INPP5A
NR4A1_R848	chr10	132775009	132775409	Promoter (9–10kb)	10	132765824	132782405	9185	ENSG00000068383	INPP5A
NR4A1_R848	chr10	132821839	132822239	Promoter (9–10kb)	10	132808443	132812804	-9035	ENSG00000171811	CFAP46
NR4A1_R848	chr10	132843097	132843497	Promoter (6–7kb)	10	132834682	132837077	-6020	ENSG00000171811	CFAP46
NR4A1_R848	chr10	133065756	133066156	Promoter (4–5kb)	10	133070929	133131675	-4773	ENSG00000197177	ADGRA1
NR4A1_R848	chr10	133250356	133250797	Promoter (2–3kb)	10	133246478	133247891	-2465	ENSG00000166917	MIR202HG
NR4A1_R848	chr10	133338540	133338940	Promoter (1–2kb)	10	133325932	133336935	-1605	ENSG00000130643	CALY
NR4A1_R848	chr11	359862	360262	Promoter (9–10kb)	11	369499	382117	-9237	ENSG00000182272	B4GALNT4
NR4A1_R848	chr11	414149	414549	Promoter (<=1kb)	11	407315	414923	374	ENSG00000185187	SIGIRR
NR4A1_R848	chr11	814290	814690	Promoter (2–3kb)	11	812079	812850	2211	ENSG00000177600	RPLP2
NR4A1_R848	chr11	893752	894152	Promoter (8–9kb)	11	882328	902322	8170	ENSG00000177830	CHID1
NR4A1_R848	chr11	1242819	1243219	Promoter (6–7kb)	11	1242261	1249676	6457	ENSG00000255177	MUC5B-AS1
NR4A1_R848	chr11	2131547	2131947	Promoter (2–3kb)	11	2134134	2134209	2262	ENSG00000207805	MIR483
NR4A1_R848	chr11	3131467	3131867	Promoter (2–3kb)	11	3122026	3129329	-2138	ENSG00000021762	OSBPL5
NR4A1_R848	chr11	3173766	3174166	Promoter (7–8kb)	11	3093385	3166739	-7027	ENSG00000021762	OSBPL5
NR4A1_R848	chr11	3174301	3174701	Promoter (7–8kb)	11	3093385	3166739	-7562	ENSG00000021762	OSBPL5
NR4A1_R848	chr11	17559993	17560393	Promoter (4–5kb)	11	17555700	17558602	4293	ENSG00000188162	OTOG
NR4A1_R848	chr11	44942144	44942544	Promoter (<=1kb)	11	44936843	44943191	647	ENSG00000175274	TP53I1
NR4A1_R848	chr11	45094526	45094926	Promoter (<=1kb)	11	45095806	45224908	-880	ENSG00000019485	PRDM11
NR4A1_R848	chr11	47324570	47324970	Promoter (<=1kb)	11	47324304	47325300	266	ENSG00000110514	MADD
NR4A1_R848	chr11	61391202	61391602	Promoter (<=1kb)	11	61392360	61398863	-758	ENSG00000187049	TMEM216
NR4A1_R848	chr11	61673750	61674150	Promoter (6–7kb)	11	61680391	61747001	-6241	ENSG00000134780	DAGLA
NR4A1_R848	chr11	62894568	62894968	Promoter (6–7kb)	11	62887870	62888520	6698	ENSG00000168003	SLC3A2
NR4A1_R848	chr11	64273939	64274339	Promoter (1–2kb)	11	64270308	64272856	-1083	ENSG00000002330	BAD
NR4A1_R848	chr11	65833964	65834364	Promoter (<=1kb)	11	65833967	65850563	0	ENSG00000172803	SNX32
NR4A1_R848	chr11	66292828	66293228	Promoter (<=1kb)	11	66291894	66296664	934	ENSG00000179292	TMEM151A
NR4A1_R848	chr11	66341605	66342005	Promoter (<=1kb)	11	66337339	66342121	116	ENSG00000174744	BRMS1
NR4A1_R848	chr11	67669174	67669574	Promoter (1–2kb)	11	67666157	67667970	-1204	ENSG00000132746	ALDH3B2
NR4A1_R848	chr11	69291303	69291703	Promoter (2–3kb)	11	69294151	69341682	-2448	ENSG00000172927	MYEOV
NR4A1_R848	chr11	70702179	70702579	Promoter (3–4kb)	11	70492432	70698769	-3410	ENSG00000162105	SHANK2
NR4A1_R848	chr11	70856033	70856433	Promoter (6–7kb)	11	70862790	70865115	-6357	ENSG00000171671	SHANK2-AS3
NR4A1_R848	chr11	71440470	71440870	Promoter (<=1kb)	11	71438749	71441347	477	ENSG00000172893	DHCR7
NR4A1_R848	chr11	77068949	77069349	Promoter (1–2kb)	11	77066993	77124495	1956	ENSG00000149260	CAPN5
NR4A1_R848	chr11	96091973	96092373	Promoter (1–2kb)	11	95978755	96093520	1147	ENSG00000184384	MAML2
NR4A1_R848	chr11	107018687	107019087	Promoter (<=1kb)	11	106674012	107018524	-163	ENSG00000152402	GUCY1A2
NR4A1_R848	chr11	107856855	107857255	Promoter (1–2kb)	11	107792615	107858561	1306	ENSG00000110660	SLC35F2
NR4A1_R848	chr11	112254886	112255286	Promoter (4–5kb)	11	112260265	112261396	-4979	ENSG00000268472	LOC100132686
NR4A1_R848	chr11	113475947	113476347	Promoter (<=1kb)	11	113413864	113475691	-256	ENSG00000149295	DRD2
NR4A1_R848	chr11	133901818	133902218	Promoter (3–4kb)	11	133898504	133898581	-3237	ENSG00000284020	MIR4697
NR4A1_R848	chr11	133932767	133933167	Promoter (4–5kb)	11	133922576	133938100	4933	ENSG00000080854	IGSF9B
NR4A1_R848	chr12	6369579	6369979	Promoter (4–5kb)	12	6347509	6374803	4824	ENSG00000111319	SCNN1A
NR4A1_R848	chr12	52063022	52063422	Promoter (5–6kb)	12	52069246	52070415	-5824	ENSG00000123395	ATG101
NR4A1_R848	chr12	57191671	57192071	Promoter (2–3kb)	12	57194504	57194576	-2433	ENSG00000221365	MIR1228
NR4A1_R848	chr12	97989199	97989774	Promoter (5–6kb)	12	97995383	97995448	5674	ENSG00000263890	MIR4303
NR4A1_R848	chr12	108341951	108342351	Promoter (2–3kb)	12	108288044	108339317	-2634	ENSG00000174600	CMKLR1
NR4A1_R848	chr12	109809263	109809663	Promoter (5–6kb)	12	109783621	109814796	5133	ENSG00000111199	TRPV4
NR4A1_R848	chr12	111372481	111372881	Promoter (3–4kb)	12	111360651	111369121	-3360	ENSG00000198324	PHETA1
NR4A1_R848	chr12	112574580	112574980	Promoter (<=1kb)	12	112575027	112865465	-47	ENSG00000089169	RPH3A
NR4A1_R848	chr12	117322195	117322595	Promoter (8–9kb)	12	117215259	117331074	8479	ENSG00000089250	NOS1
NR4A1_R848	chr12	119129978	119130378	Promoter (<=1kb)	12	119130678	119151220	-300	ENSG00000139767	SRRM4
NR4A1_R848	chr12	120306447	120306847	Promoter (2–3kb)	12	120303880	120313241	2567	ENSG00000089163	SIRT4
NR4A1_R848	chr12	120994669	120995069	Promoter (1–2kb)	12	120996390	120997882	-1321	ENSG00000135100	HNF1A
NR4A1_R848	chr12	123512299	123512699	Promoter (1–2kb)	12	123472068	123514428	1729	ENSG00000188026	RILPL1
NR4A1_R848	chr12	124431643	124432043	Promoter (1–2kb)	12	124429395	124430641	-1002	ENSG00000196498	NCOR2
NR4A1_R848	chr12	125090124	125090524	Promoter (<=1kb)	12	125091013	125107154	-489	ENSG00000081760	AACS
NR4A1_R848	chr12	131856560	131856960	Promoter (6–7kb)	12	131849835	131851332	6725	ENSG00000198598	MMP17
NR4A1_R848	chr13	19118875	19119275	Promoter (<=1kb)	13	19074038	19118315	-560	ENSG00000287861	LOC107984132
NR4A1_R848	chr13	27996193	27996593	Promoter (7–8kb)	13	27977717	27988693	-7500	ENSG00000183463	URAD
NR4A1_R848	chr13	29491503	29491903	Promoter (1–2kb)	13	29476515	29490105	-1398	NA	MTUS2-AS1
NR4A1_R848	chr13	110043236	110043636	Promoter (9–10kb)	13	110053285	110054952	-9649	ENSG00000231428	LINC00396
NR4A1_R848	chr13	111590288	111590731	Promoter (5–6kb)	13	111596009	111642079	-5278	ENSG00000215881	LINC02337
NR4A1_R848	chr13	113796056	113796456	Promoter (3–4kb)	13	113799888	113804890	-3432	ENSG00000184497	TMEM255B
NR4A1_R848	chr13	113798294	113798694	Promoter (1–2kb)	13	113799888	113804890	-1194	ENSG00000184497	TMEM255B

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_R848	chr15	79439045	79439450	Promoter (6-7kb)	15	79432516	79472290	6529	ENSG00000169330	MINAR1
NR4A1_R848	chr15	80444949	80445349	Promoter (3-4kb)	15	80441240	80552753	3709	ENSG00000172379	ARNT2
NR4A1_R848	chr15	88900814	88901214	Promoter (<=1kb)	15	88899298	88901960	746	ENSG00000140545	MFGE8
NR4A1_R848	chr15	89746228	89746628	Promoter (4-5kb)	15	89749891	89751137	4509	ENSG00000166823	MESP1
NR4A1_R848	chr16	977795	978195	Promoter (1-2kb)	16	976084	979648	1453	ENSG00000103227	LMF1
NR4A1_R848	chr16	1185555	1185955	Promoter (9-10kb)	16	1195029	1198934	-9074	ENSG00000196557	CACNA1H
NR4A1_R848	chr16	1635888	1636288	Promoter (3-4kb)	16	1632259	1686715	3629	ENSG00000007545	CRAMP1
NR4A1_R848	chr16	8591223	8591629	Promoter (1-2kb)	16	8569500	8590193	-1030	ENSG00000232258	TMEM114
NR4A1_R848	chr16	10859261	10859661	Promoter (6-7kb)	16	10866222	10902104	-6561	ENSG00000179583	CIITA
NR4A1_R848	chr16	27306237	27306637	Promoter (7-8kb)	16	27313668	27345020	-7031	ENSG00000077238	IL4R
NR4A1_R848	chr16	29445725	29446125	Promoter (<=1kb)	16	29425800	29447026	901	ENSG00000254634	SMG1P6
NR4A1_R848	chr16	33337593	33338337	Promoter (7-8kb)	16	33206431	33330342	-7251	NA	LOC105369266
NR4A1_R848	chr16	33338591	33338991	Promoter (8-9kb)	16	33206431	33330342	-8249	NA	LOC105369266
NR4A1_R848	chr16	33339643	33340043	Promoter (9-10kb)	16	33206431	33330342	-9301	NA	LOC105369266
NR4A1_R848	chr16	46729907	46730307	Promoter (<=1kb)	16	46727238	46729937	0	ENSG00000140795	MYLK3
NR4A1_R848	chr16	57568874	57569274	Promoter (5-6kb)	16	57574816	57591681	-5542	ENSG00000159618	ADGRG5
NR4A1_R848	chr16	66380122	66380522	Promoter (<=1kb)	16	66379225	66392985	897	ENSG00000179776	CDH5
NR4A1_R848	chr16	68243720	68244120	Promoter (1-2kb)	16	68245304	68259923	-1184	ENSG00000103066	PLA2G15
NR4A1_R848	chr16	70644789	70645189	Promoter (1-2kb)	16	70646563	70656671	-1374	ENSG00000157368	IL34
NR4A1_R848	chr16	71898316	71898716	Promoter (2-3kb)	16	71895589	71921400	2727	ENSG00000182149	IST1
NR4A1_R848	chr16	83921369	83921769	Promoter (9-10kb)	16	83931311	83957650	-9542	ENSG00000140961	OSGIN1
NR4A1_R848	chr16	84125155	84125555	Promoter (8-9kb)	16	84053763	84116942	-8213	ENSG00000140943	MBTPS1
NR4A1_R848	chr16	85755574	85755974	Promoter (4-5kb)	16	85690170	85751129	-4445	ENSG00000154102	C16orf74
NR4A1_R848	chr16	86587401	86587801	Promoter (8-9kb)	16	86578506	86582160	8895	ENSG00000176678	FOXL1
NR4A1_R848	chr16	87700505	87700905	Promoter (7-8kb)	16	87703026	87708387	7482	ENSG00000104731	KLHDC4
NR4A1_R848	chr16	88192887	88193325	Promoter (<=1kb)	16	88194281	88195217	-956	ENSG00000260420	LINC02182
NR4A1_R848	chr16	88979981	88980381	Promoter (2-3kb)	16	88874858	88977207	-2774	ENSG00000129993	CBFA2T3
NR4A1_R848	chr16	89908083	89908857	Promoter (<=1kb)	16	89908966	89911379	-109	ENSG00000141002	TCF25
NR4A1_R848	chr17	4450580	4450980	Promoter (3-4kb)	17	4446604	4448291	3976	ENSG00000182557	SPNS3
NR4A1_R848	chr17	4908772	4909172	Promoter (5-6kb)	17	4897771	4903098	-5674	ENSG00000108556	CHRNE
NR4A1_R848	chr17	5502833	5503233	Promoter (<=1kb)	17	5499428	5502963	0	ENSG00000286190	LOC728392
NR4A1_R848	chr17	15465112	15465512	Promoter (2-3kb)	17	15436015	15467621	2109	ENSG00000239704	CDRT4
NR4A1_R848	chr17	16456200	16456600	Promoter (7-8kb)	17	16441577	16448294	-7906	ENSG00000181350	LRRC75A
NR4A1_R848	chr17	16457807	16458207	Promoter (9-10kb)	17	16441577	16448294	-9513	ENSG00000181350	LRRC75A
NR4A1_R848	chr17	18125354	18125754	Promoter (2-3kb)	17	18123113	18124565	2241	ENSG00000091536	MYO15A
NR4A1_R848	chr17	22401314	22401714	Promoter (4-5kb)	17	22406019	22413744	-4305	ENSG00000276399	FLJ36000
NR4A1_R848	chr17	22521263	22521712	Promoter (1-2kb)	17	22523111	22524663	-1399	ENSG00000256618	MTRNR2L1
NR4A1_R848	chr17	34186445	34186845	Promoter (2-3kb)	17	34169372	34183632	-2813	ENSG00000261156	LINC01989
NR4A1_R848	chr17	40087046	40087446	Promoter (2-3kb)	17	40084434	40087001	2612	ENSG00000126351	THRA
NR4A1_R848	chr17	63781608	63782008	Promoter (5-6kb)	17	63787036	63798196	-5028	ENSG00000198231	DDX42
NR4A1_R848	chr17	73758628	73759028	Promoter (1-2kb)	17	73749270	73760961	1933	NA	LINC00469
NR4A1_R848	chr17	76840752	76841152	Promoter (8-9kb)	17	76849840	76861836	-8688	ENSG00000267535	LINC00868
NR4A1_R848	chr17	77469989	77470389	Promoter (3-4kb)	17	77466403	77490859	3586	ENSG00000184640	SEPTIN9
NR4A1_R848	chr17	77484844	77485244	Promoter (2-3kb)	17	77481913	77488788	2931	ENSG00000184640	SEPTIN9
NR4A1_R848	chr17	77509638	77510038	Promoter (6-7kb)	17	77516887	77536592	-6849	ENSG00000267665	LOC400622
NR4A1_R848	chr17	78115693	78116093	Promoter (1-2kb)	17	78112922	78113959	-1734	ENSG00000141522	TMC6
NR4A1_R848	chr17	78477776	78478176	Promoter (5-6kb)	17	78423697	78472774	-5002	ENSG00000187775	DNAH17
NR4A1_R848	chr17	80487719	80488119	Promoter (9-10kb)	17	80473414	80477843	-9876	ENSG00000171246	NPTX1
NR4A1_R848	chr17	80930231	80930631	Promoter (7-8kb)	17	80922724	80924172	7507	ENSG00000141564	RPTOR
NR4A1_R848	chr17	81249239	81249639	Promoter (1-2kb)	17	81245004	81247635	-1604	ENSG00000157637	SLC38A10
NR4A1_R848	chr17	81531198	81531672	Promoter (2-3kb)	17	81528532	81537080	2666	ENSG00000186765	FSCN2
NR4A1_R848	chr17	81531869	81532269	Promoter (3-4kb)	17	81528532	81537080	3337	ENSG00000186765	FSCN2
NR4A1_R848	chr17	82586205	82586640	Promoter (<=1kb)	17	82586130	82587562	75	ENSG00000141568	FO XK2
NR4A1_R848	chr17	82663950	82664350	Promoter (<=1kb)	17	82657793	82664895	545	ENSG00000141542	RAB40B
NR4A1_R848	chr18	107975	108387	Promoter (<=1kb)	18	109065	122219	-678	ENSG00000263006	ROCK1P1
NR4A1_R848	chr18	110198	110598	Promoter (1-2kb)	18	109065	122219	1133	ENSG00000263006	ROCK1P1
NR4A1_R848	chr18	10756550	10756950	Promoter (2-3kb)	18	10759584	10759649	2699	ENSG00000274838	MIR6788
NR4A1_R848	chr18	10757057	10757457	Promoter (2-3kb)	18	10759584	10759649	2192	ENSG00000274838	MIR6788
NR4A1_R848	chr18	13822920	13823320	Promoter (<=1kb)	18	13824149	13827323	-829	ENSG00000176136	MC5R
NR4A1_R848	chr18	14172482	14172882	Promoter (6-7kb)	18	14179097	14185401	-6215	NA	ANKRD20A5P
NR4A1_R848	chr18	45824862	45825262	Promoter (<=1kb)	18	45825675	45844094	-413	ENSG00000197046	SIGLEC15
NR4A1_R848	chr18	77259508	77259908	Promoter (5-6kb)	18	77253740	77256217	5768	ENSG00000166573	GALR1
NR4A1_R848	chr18	79865279	79865679	Promoter (1-2kb)	18	79863668	79899816	1611	ENSG00000178342	KCNG2
NR4A1_R848	chr19	309804	310204	Promoter (<=1kb)	19	305573	308923	-881	ENSG00000105556	MIER2
NR4A1_R848	chr19	442140	442771	Promoter (2-3kb)	19	435779	439267	-2873	ENSG00000129946	SHC2
NR4A1_R848	chr19	443544	444298	Promoter (4-5kb)	19	435779	439267	-4277	ENSG00000129946	SHC2
NR4A1_R848	chr19	464955	465355	Promoter (3-4kb)	19	416583	460996	-3959	ENSG00000129946	SHC2
NR4A1_R848	chr19	466897	467297	Promoter (5-6kb)	19	464167	472615	5318	ENSG00000181781	ODF3L2
NR4A1_R848	chr19	816108	816508	Promoter (1-2kb)	19	813756	814911	-1197	ENSG00000129951	PLPPR3
NR4A1_R848	chr19	1282470	1282870	Promoter (3-4kb)	19	1285873	1301431	-3003	ENSG00000099617	EFNA2
NR4A1_R848	chr19	2357496	2357896	Promoter (2-3kb)	19	2360238	2426239	-2342	ENSG00000178297	TMPRSS9
NR4A1_R848	chr19	3235443	3235843	Promoter (9-10kb)	19	3225485	3297016	9958	ENSG00000161082	CELLF5
NR4A1_R848	chr19	3476827	3477227	Promoter (1-2kb)	19	3474407	3478488	1261	ENSG00000095932	SMIM24
NR4A1_R848	chr19	3529041	3529441	Promoter (2-3kb)	19	3526100	3531766	2941	ENSG00000105325	FZR1
NR4A1_R848	chr19	3776561	3776961	Promoter (4-5kb)	19	3769089	3772221	-4340	ENSG00000173976	RAX2
NR4A1_R848	chr19	3938437	3938837	Promoter (1-2kb)	19	3936622	3942174	1815	ENSG00000077009	NMRK2
NR4A1_R848	chr19	4553211	4553611	Promoter (4-5kb)	19	4542914	4558457	4846	ENSG00000167680	SEMA6B
NR4A1_R848	chr19	5019564	5019964	Promoter (3-4kb)	19	5016325	5153105	3239	ENSG00000127663	KDM4B
NR4A1_R848	chr19	5673868	5674268	Promoter (<=1kb)	19	5674947	5691667	-679	ENSG00000130255	RPL36
NR4A1_R848	chr19	5762631	5763031	Promoter (9-10kb)	19	5753511	5778734	9120	ENSG00000174898	CATSPERD
NR4A1_R848	chr19	6209672	6210072	Promoter (6-7kb)	19	6213120	6216968	6896	ENSG00000130382	MLLT1
NR4A1_R848	chr19	6710351	6710751	Promoter (<=1kb)	19	6709756	6710957	206	ENSG00000125730	C3
NR4A1_R848	chr19	7842373	7842773	Promoter (3-4kb)	19	7846543	7863702	-3770	ENSG00000142459	EVI5L
NR4A1_R848	chr19	7953247	7953647	Promoter (9-10kb)	19	7928123	7943667	-9580	ENSG00000104980	TIMM44
NR4A1_R848	chr19	8107307	8107707	Promoter (4-5kb)	19	8110888	8111806	4099	ENSG00000142449	FBN3
NR4A1_R848	chr19	10006689	10007089	Promoter (3-4kb)	19	9959561	10010504	3415	ENSG00000080573	COL5A3
NR4A1_R848	chr19	10377320	10377720	Promoter (<=1kb)	19	10350529	10378508	788	ENSG00000105397	TYK2
NR4A1_R848	chr19	11394545	11394945	Promoter (2-3kb)	19	11394064	11397546	2601	ENSG00000205517	RGL3
NR4A1_R848	chr19	11488356	11488756	Promoter (1-2kb)	19	11484012	11487296	-1060	ENSG00000161914	ZNF653
NR4A1_R848	chr19	12989063	12989528	Promoter (6-7kb)	19	12995608	13096201	-6080	ENSG00000008441	NFIX
NR4A1_R848	chr19	13633772	13634172	Promoter (<=1kb)	19	13371761	13633025	-747	ENSG00000141837	CACNA1A
NR4A1_R848	chr19	15425729	15426129	Promoter (<=1kb)	19	15424060	15424839	-890	ENSG00000011451	WIZ
NR4A1_R848	chr19	18441979	18442379	Promoter (3-4kb)	19	18444516	18445399	3020	ENSG00000105656	ELL
NR4A1_R848	chr19	29390695	29391095	Promoter (6-7kb)	19	29396469	29397810	6715		



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A1_R848	chr19	48342146	48342546	Promoter (<=1kb)	19	48333276	48342991	445	ENSG00000161558	TMEM143
NR4A1_R848	chr19	48821796	48822196	Promoter (6-7kb)	19	48813018	48815072	-6724	ENSG00000087076	HSD17B14
NR4A1_R848	chr19	49166693	49167093	Promoter (<=1kb)	19	49167644	49168337	-551	ENSG00000130529	TRPM4
NR4A1_R848	chr19	50455928	50456328	Promoter (7-8kb)	19	50464231	50466319	-7903	ENSG00000086967	MYBPC2
NR4A1_R848	chr19	50499816	50500216	Promoter (7-8kb)	19	50506446	50508029	7813	ENSG00000161677	JOSD2
NR4A1_R848	chr19	50626295	50626695	Promoter (<=1kb)	19	50622420	50626134	-161	ENSG00000213023	SYT3
NR4A1_R848	chr19	50679720	50680120	Promoter (9-10kb)	19	50661827	50689404	9284	ENSG00000161681	SHANK1
NR4A1_R848	chr19	50699556	50699956	Promoter (4-5kb)	19	50703699	50704506	4550	ENSG00000161681	SHANK1
NR4A1_R848	chr19	55434924	55435338	Promoter (6-7kb)	19	55431976	55442337	6999	ENSG00000187902	SHISA7
NR4A1_R848	chr19	55606299	55606699	Promoter (4-5kb)	19	55593360	55601970	-4329	ENSG00000179943	FIZ1
NR4A1_R848	chr19	56159167	56159567	Promoter (1-2kb)	19	56157309	56159967	1858	ENSG00000167685	ZNF444
NR4A1_R848	chr20	23979921	23980321	Promoter (6-7kb)	20	23985050	23986795	6474	ENSG00000149435	GGTLC1
NR4A1_R848	chr20	25067696	25068096	Promoter (8-9kb)	20	25045938	25058980	-8716	ENSG00000154930	ACSS1
NR4A1_R848	chr20	25742046	25742446	Promoter (8-9kb)	20	25751040	25752765	-8594	NA	LOC105372582
NR4A1_R848	chr20	26074069	26074469	Promoter (1-2kb)	20	26072673	26082955	1396	ENSG00000125804	FAM182A
NR4A1_R848	chr20	30283706	30284163	Promoter (5-6kb)	20	30278906	30289205	5042	NA	LINC01597
NR4A1_R848	chr20	30377379	30377779	Promoter (<=1kb)	20	30377372	30399257	7	NA	FRG1BP
NR4A1_R848	chr20	30412657	30413057	Promoter (9-10kb)	20	30403123	30403384	-9273	NA	MLLT10P1
NR4A1_R848	chr20	36314781	36315181	Promoter (8-9kb)	20	36306381	36528633	8400	ENSG00000080845	DLGAP4
NR4A1_R848	chr20	38314532	38314932	Promoter (2-3kb)	20	38317649	38337325	-2717	ENSG00000101425	BPI
NR4A1_R848	chr20	38653052	38653452	Promoter (5-6kb)	20	38647063	38651035	5989	ENSG00000124143	ARHGAP40
NR4A1_R848	chr20	41376751	41377151	Promoter (9-10kb)	20	41359962	41366818	-9933	ENSG00000183798	EMILIN3
NR4A1_R848	chr20	58694925	58695325	Promoter (<=1kb)	20	58694421	58713580	504	ENSG00000254995	STX16-NPEPL1
NR4A1_R848	chr20	62398025	62398483	Promoter (1-2kb)	20	62391014	62396331	-1694	ENSG00000149679	CABLES2
NR4A1_R848	chr20	63492318	63492718	Promoter (6-7kb)	20	63490081	63498748	6030	ENSG00000101210	EEF1A2
NR4A1_R848	chr21	8219707	8220159	Promoter (7-8kb)	21	8212572	8212724	7135	ENSG00000276700	RNA5-8SN4
NR4A1_R848	chr21	8991239	8991639	Promoter (4-5kb)	21	8986999	8987178	4240	ENSG00000275708	MIR3648-1
NR4A1_R848	chr21	8991973	8992373	Promoter (4-5kb)	21	8986999	8987178	4974	ENSG00000275708	MIR3648-1
NR4A1_R848	chr21	36539258	36539658	Promoter (2-3kb)	21	36460621	36542600	2942	ENSG00000159261	CLDN14
NR4A1_R848	chr21	38207056	38207456	Promoter (<=1kb)	21	38206156	38208644	900	ENSG00000233316	DSCR10
NR4A1_R848	chr21	41954873	41955273	Promoter (<=1kb)	21	41885112	41954018	-855	ENSG00000157617	C2CD2
NR4A1_R848	chr21	42027344	42027744	Promoter (5-6kb)	21	42022267	42024924	5077	ENSG00000237232	ZNF295-AS1
NR4A1_R848	chr21	42615242	42615642	Promoter (<=1kb)	21	42599280	42615058	-184	ENSG00000225431	LINC01671
NR4A1_R848	chr21	42662519	42663093	Promoter (8-9kb)	21	42653813	42775509	8706	ENSG00000160191	PDE9A
NR4A1_R848	chr21	43467743	43468143	Promoter (2-3kb)	21	43462094	43464973	-2770	ENSG00000185186	LINC00313
NR4A1_R848	chr21	43958648	43959048	Promoter (<=1kb)	21	43959783	43982724	-735	ENSG00000160216	AGPAT3
NR4A1_R848	chr21	44419519	44419919	Promoter (2-3kb)	21	44414595	44416740	-2779	NA	TRPM2-AS
NR4A1_R848	chr21	44435547	44435947	Promoter (9-10kb)	21	44425556	44441874	9991	ENSG00000142185	TRPM2
NR4A1_R848	chr21	44523794	44524194	Promoter (6-7kb)	21	44517620	44525952	6174	NA	TSPEAR-AS2
NR4A1_R848	chr21	45474328	45474728	Promoter (3-4kb)	21	45478266	45478326	-3538	ENSG00000275167	MIR6815
NR4A1_R848	chr21	45591329	45591729	Promoter (1-2kb)	21	45593654	45603056	-1925	ENSG00000233922	LINC01694
NR4A1_R848	chr21	45636092	45636492	Promoter (7-8kb)	21	45643694	45788739	-7202	ENSG00000183570	PCBP3
NR4A1_R848	chr21	46090835	46091255	Promoter (6-7kb)	21	46098097	46132849	-6842	ENSG00000142173	COL6A2
NR4A1_R848	chr21	46123994	46124394	Promoter (3-4kb)	21	46120560	46125894	3434	ENSG00000142173	COL6A2
NR4A1_R848	chr21	46311594	46311994	Promoter (<=1kb)	21	46301710	46311631	0	ENSG00000160298	C21orf58
NR4A1_R848	chr22	19994610	19995010	Promoter (3-4kb)	22	19971228	19990794	-3816	ENSG00000099889	ARVCF
NR4A1_R848	chr22	20251864	20252264	Promoter (2-3kb)	22	20249134	20249211	-2653	ENSG00000221039	MIR1286
NR4A1_R848	chr22	24172291	24172691	Promoter (3-4kb)	22	24175779	24177538	-3088	ENSG00000099991	CABIN1
NR4A1_R848	chr22	33556308	33556708	Promoter (8-9kb)	22	33562913	33565019	8311	ENSG00000133424	LARGE1
NR4A1_R848	chr22	33730701	33731101	Promoter (5-6kb)	22	33725072	33744192	5629	ENSG00000224973	LARGE-AS1
NR4A1_R848	chr22	35343474	35343874	Promoter (<=1kb)	22	35344186	35347983	-312	ENSG00000100284	TOM1
NR4A1_R848	chr22	36872752	36873152	Promoter (<=1kb)	22	36872137	36877764	615	ENSG00000100365	NCF4
NR4A1_R848	chr22	38188964	38189364	Promoter (2-3kb)	22	38145606	38192100	2736	ENSG00000184381	PLA2G6
NR4A1_R848	chr22	39565855	39566255	Promoter (4-5kb)	22	39570753	39684528	-4498	ENSG00000100346	CACNA1I
NR4A1_R848	chr22	41271515	41271915	Promoter (2-3kb)	22	41256021	41274660	2745	ENSG00000100401	RANGAP1
NR4A1_R848	chr22	42862968	42863368	Promoter (4-5kb)	22	42835413	42858106	-4862	ENSG00000242247	ARFGAP3
NR4A1_R848	chr22	43508331	43508731	Promoter (7-8kb)	22	43516107	43537117	-7376	NA	EFCAB6-AS1
NR4A1_R848	chr22	45979775	45980175	Promoter (2-3kb)	22	45920366	45977162	-2613	ENSG00000188064	WNT7B
NR4A1_R848	chr22	48269218	48269618	Promoter (4-5kb)	22	48274364	48274415	-4746	ENSG00000266508	MIR3201
NR4A1_R848	chr22	48697809	48698209	Promoter (4-5kb)	22	48693247	48750408	4562	ENSG00000219438	TAF15
NR4A1_R848	chr22	50234831	50235231	Promoter (5-6kb)	22	50226735	50240360	5129	ENSG00000128159	TUBGCP6
NR4A1_R848	chr22	50608151	50608551	Promoter (5-6kb)	22	50603133	50613981	5018	ENSG00000008735	MAPK8IP2
NR4A2_Medium	chr1	1056632	1057032	Promoter (2-3kb)	1	1059708	1066459	-2676	ENSG00000217801	LOC100288175
NR4A2_Medium	chr1	1195399	1195799	Promoter (9-10kb)	1	1203844	1205680	9881	ENSG00000186891	TNFRSF18
NR4A2_Medium	chr1	1201543	1201943	Promoter (3-4kb)	1	1203844	1205680	3737	ENSG00000186891	TNFRSF18
NR4A2_Medium	chr1	1268795	1269195	Promoter (4-5kb)	1	1267862	1273471	4276	ENSG00000160087	UBE2J2
NR4A2_Medium	chr1	1301079	1301479	Promoter (1-2kb)	1	1296466	1299617	-1462	ENSG00000131584	ACAP3
NR4A2_Medium	chr1	1360955	1361355	Promoter (<=1kb)	1	1352692	1361777	422	ENSG00000162576	MXRA8
NR4A2_Medium	chr1	1423629	1424029	Promoter (1-2kb)	1	1418420	1421769	-1860	ENSG00000235098	ANKRD65
NR4A2_Medium	chr1	1549647	1550047	Promoter (3-4kb)	1	1541674	1546487	-3160	ENSG00000160075	SSU72
NR4A2_Medium	chr1	1594892	1595292	Promoter (4-5kb)	1	1598012	1600135	4843	ENSG00000228594	FNDC10
NR4A2_Medium	chr1	1595423	1595823	Promoter (4-5kb)	1	1598012	1600135	4312	ENSG00000228594	FNDC10
NR4A2_Medium	chr1	1776980	1777380	Promoter (1-2kb)	1	1756588	1778419	1039	ENSG00000008130	NADK
NR4A2_Medium	chr1	1840038	1840438	Promoter (7-8kb)	1	1804526	1832285	-7753	ENSG00000078369	GNB1
NR4A2_Medium	chr1	1924752	1925152	Promoter (2-3kb)	1	1922083	1927403	2251	ENSG00000142609	CFAP74
NR4A2_Medium	chr1	1931568	1931968	Promoter (3-4kb)	1	1921957	1927929	-3639	ENSG00000142609	CFAP74
NR4A2_Medium	chr1	2189148	2189548	Promoter (4-5kb)	1	2189544	2194108	4560	ENSG00000162585	FAAP20
NR4A2_Medium	chr1	2345466	2345866	Promoter (5-6kb)	1	2351644	2351857	5991	ENSG00000269896	LOC100129534
NR4A2_Medium	chr1	2435973	2436373	Promoter (9-10kb)	1	2425980	2479804	9993	ENSG00000149527	PLCH2
NR4A2_Medium	chr1	3025896	3026296	Promoter (4-5kb)	1	3021467	3022903	4429	ENSG00000169717	ACTRT2
NR4A2_Medium	chr1	3129179	3129579	Promoter (1-2kb)	1	3127975	3128035	1204	ENSG00000283572	MIR4251
NR4A2_Medium	chr1	3132682	3133082	Promoter (4-5kb)	1	3127975	3128035	4707	ENSG00000283572	MIR4251
NR4A2_Medium	chr1	3228536	3228936	Promoter (8-9kb)	1	3237931	3433925	-8995	ENSG00000142611	PRDM16
NR4A2_Medium	chr1	3247712	3248112	Promoter (3-4kb)	1	3244132	3386918	3580	ENSG00000142611	PRDM16
NR4A2_Medium	chr1	3393904	3394304	Promoter (2-3kb)	1	3396491	3434293	-2187	ENSG00000142611	PRDM16
NR4A2_Medium	chr1	3676073	3676473	Promoter (5-6kb)	1	3682366	3733079	-5893	ENSG00000078900	TP73
NR4A2_Medium	chr1	3687349	3687749	Promoter (2-3kb)	1	3690672	3733292	-2923	ENSG00000078900	TP73
NR4A2_Medium	chr1	3726357	3727097	Promoter (<=1kb)	1	3727478	3733367	-381	ENSG00000078900	TP73
NR4A2_Medium	chr1	3800109	3800509	Promoter (3-4kb)	1	3778559	3796498	-3611	ENSG00000130764	LRRC47
NR4A2_Medium	chr1	3808811	3809211	Promoter (7-8kb)	1	3815239	3816458	7247	ENSG00000116198	CEP104
NR4A2_Medium	chr1	3849482	3849882	Promoter (1-2kb)	1	3839757	3847704	-1778	ENSG00000116198	CEP104
NR4A2_Medium	chr1	3957681	3958081	Promoter (8-9kb)	1	3947144	3949024	-8657	ENSG00000226374	LINC01345
NR4A2_Medium	chr1	4574676	4575076	Promoter (3-4kb)	1	4571548	4583421	3128	ENSG00000232596	LINC01646
NR4A2_Medium	chr1	5861295	5861695	Promoter (1-2kb)	1	5862672	5862741	1046	ENSG00000264101	MIR4689
NR4A2_Medium	chr1	6107973	6108373	Promoter (1-2kb)	1					

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr1	7943437	7943837	Promoter (<=1kb)	1	7915894	7943165	-272	ENSG00000049249	TNFRSF9
NR4A2_Medium	chr1	9356844	9357381	Promoter (1-2kb)	1	9355707	9367575	1137	ENSG00000171621	SPSB1
NR4A2_Medium	chr1	9359632	9360032	Promoter (3-4kb)	1	9355707	9367575	3925	ENSG00000171621	SPSB1
NR4A2_Medium	chr1	9547945	9548345	Promoter (8-9kb)	1	9539465	9585173	8480	ENSG00000171612	SLC25A33
NR4A2_Medium	chr1	9583794	9584194	Promoter (4-5kb)	1	9588911	9614877	-4717	ENSG00000188807	TMEM201
NR4A2_Medium	chr1	9932221	9932621	Promoter (<=1kb)	1	9930261	9932180	-41	ENSG00000162441	LZIC
NR4A2_Medium	chr1	10293243	10293643	Promoter (5-6kb)	1	10298966	10299072	-5323	ENSG00000206625	RNU6-1
NR4A2_Medium	chr1	10296743	10297143	Promoter (1-2kb)	1	10298966	10299072	-1823	ENSG00000206625	RNU6-1
NR4A2_Medium	chr1	11002488	11002888	Promoter (9-10kb)	1	11012344	11020489	-9456	ENSG00000120948	TARDBP
NR4A2_Medium	chr1	11039654	11040054	Promoter (3-4kb)	1	11037693	11043198	3144	ENSG00000009724	MASP2
NR4A2_Medium	chr1	11041536	11041936	Promoter (1-2kb)	1	11037693	11043198	1262	ENSG00000009724	MASP2
NR4A2_Medium	chr1	11852563	11852963	Promoter (4-5kb)	1	11845879	11848345	-4218	ENSG00000175206	NPPA
NR4A2_Medium	chr1	12059054	12059454	Promoter (3-4kb)	1	12063303	12144207	-3849	ENSG00000120949	TNFRSF8
NR4A2_Medium	chr1	12070925	12071325	Promoter (7-8kb)	1	12063470	12143117	7455	ENSG00000120949	TNFRSF8
NR4A2_Medium	chr1	12188922	12189322	Promoter (2-3kb)	1	12191713	12191773	-2391	ENSG00000263676	MIR4632
NR4A2_Medium	chr1	12579572	12579972	Promoter (<=1kb)	1	12578957	12579023	-549	ENSG00000276830	MIR6730
NR4A2_Medium	chr1	12582836	12583236	Promoter (3-4kb)	1	12578957	12579023	-3813	ENSG00000276830	MIR6730
NR4A2_Medium	chr1	12634741	12635141	Promoter (9-10kb)	1	12644547	12667086	-9406	ENSG00000204518	AADACL4
NR4A2_Medium	chr1	13712851	13713251	Promoter (7-8kb)	1	13704855	13825079	7996	ENSG00000116731	PRDM2
NR4A2_Medium	chr1	15365054	15365454	Promoter (2-3kb)	1	15362697	15398127	2357	ENSG00000142621	FHAD1
NR4A2_Medium	chr1	15370358	15370758	Promoter (4-5kb)	1	15375700	15400283	-4942	ENSG00000142621	FHAD1
NR4A2_Medium	chr1	15685874	15686274	Promoter (1-2kb)	1	15684556	15734769	1318	ENSG00000116786	PLEKHM2
NR4A2_Medium	chr1	15818034	15818434	Promoter (8-9kb)	1	15807169	15809348	-8686	ENSG00000233954	UQCRHL
NR4A2_Medium	chr1	15936576	15936976	Promoter (1-2kb)	1	15938583	15939544	-1607	ENSG00000065526	SPEN
NR4A2_Medium	chr1	16019418	16019818	Promoter (<=1kb)	1	16014028	16019594	0	ENSG00000173641	HSPB7
NR4A2_Medium	chr1	16045398	16045798	Promoter (1-2kb)	1	16043777	16057308	1621	ENSG00000184908	CLCNKB
NR4A2_Medium	chr1	16065550	16065950	Promoter (7-8kb)	1	16058279	16073632	7682	ENSG00000185519	FAM131C
NR4A2_Medium	chr1	16231452	16231852	Promoter (4-5kb)	1	16232281	16236659	4807	ENSG00000132881	CPLANE2
NR4A2_Medium	chr1	16342383	16342783	Promoter (9-10kb)	1	16246840	16352480	9697	ENSG00000037637	FBXO42
NR4A2_Medium	chr1	16393655	16394055	Promoter (9-10kb)	1	16387117	16403974	9919	ENSG00000187144	SPATA21
NR4A2_Medium	chr1	16476449	16476849	Promoter (6-7kb)	1	16476930	16483341	6492	ENSG00000080947	CROCCP3
NR4A2_Medium	chr1	16499574	16499974	Promoter (<=1kb)	1	16490646	16499257	-317	ENSG00000080947	CROCCP3
NR4A2_Medium	chr1	16629227	16629627	Promoter (<=1kb)	1	16618256	16628652	-575	ENSG00000215908	CROCCP2
NR4A2_Medium	chr1	16718212	16718612	Promoter (1-2kb)	1	16692280	16720157	1545	NA	ESPNNP
NR4A2_Medium	chr1	16897394	16897794	Promoter (1-2kb)	1	16895980	16896143	1414	ENSG00000206737	RNVU1-18
NR4A2_Medium	chr1	16986607	16987007	Promoter (2-3kb)	1	16985981	16990003	2996	ENSG00000159363	ATP13A2
NR4A2_Medium	chr1	17025140	17025540	Promoter (1-2kb)	1	17018752	17023160	-1980	ENSG00000117118	SDHB
NR4A2_Medium	chr1	18858004	18858404	Promoter (1-2kb)	1	18839599	18859682	1278	ENSG00000179002	TAS1R2
NR4A2_Medium	chr1	18858529	18858929	Promoter (<=1kb)	1	18839599	18859682	753	ENSG00000179002	TAS1R2
NR4A2_Medium	chr1	19166571	19166971	Promoter (1-2kb)	1	19121213	19168055	1084	ENSG00000127481	UBR4
NR4A2_Medium	chr1	19269321	19269721	Promoter (1-2kb)	1	19270533	19271269	1548	ENSG00000211454	AKR7L
NR4A2_Medium	chr1	19290112	19290512	Promoter (1-2kb)	1	19282573	19288770	-1342	ENSG00000162482	AKR7A3
NR4A2_Medium	chr1	19697533	19697933	Promoter (3-4kb)	1	19694492	19701210	3277	ENSG00000162542	TMCO4
NR4A2_Medium	chr1	19744986	19745386	Promoter (6-7kb)	1	19682242	19738419	-6567	ENSG00000162542	TMCO4
NR4A2_Medium	chr1	20029412	20029812	Promoter (<=1kb)	1	20028526	20090780	886	ENSG00000127472	PLA2G5
NR4A2_Medium	chr1	20284747	20285147	Promoter (5-6kb)	1	20290919	20354251	-5772	ENSG00000158816	VWA5B1
NR4A2_Medium	chr1	20290968	20291368	Promoter (<=1kb)	1	20290937	20339222	31	ENSG00000158816	VWA5B1
NR4A2_Medium	chr1	20544099	20544499	Promoter (8-9kb)	1	20552573	20555020	-8074	ENSG00000183114	FAM43B
NR4A2_Medium	chr1	20595057	20595457	Promoter (5-6kb)	1	20589097	20618903	5960	ENSG00000158825	CDA
NR4A2_Medium	chr1	20664383	20664783	Promoter (2-3kb)	1	20651767	20661544	-2839	ENSG00000244038	DDOST
NR4A2_Medium	chr1	20672207	20672607	Promoter (<=1kb)	1	20672016	20673020	413	ENSG00000117245	KIF17
NR4A2_Medium	chr1	20729995	20730395	Promoter (<=1kb)	1	20727032	20731175	780	ENSG00000189410	SH2D5
NR4A2_Medium	chr1	20758277	20758677	Promoter (8-9kb)	1	20745592	20750251	-8026	ENSG00000127483	HP1BP3
NR4A2_Medium	chr1	21218541	21218941	Promoter (3-4kb)	1	21219814	21222081	3140	ENSG00000117298	ECE1
NR4A2_Medium	chr1	21479535	21479935	Promoter (6-7kb)	1	21473395	21480221	6140	ENSG00000142794	NBPF3
NR4A2_Medium	chr1	21731296	21731696	Promoter (1-2kb)	1	21723972	21732826	1130	ENSG00000090686	USP48
NR4A2_Medium	chr1	21881576	21881976	Promoter (2-3kb)	1	21877514	21879074	-2502	ENSG00000142798	HSPG2
NR4A2_Medium	chr1	21893692	21894092	Promoter (2-3kb)	1	21889816	21896271	2179	ENSG00000142798	HSPG2
NR4A2_Medium	chr1	21938996	21939396	Promoter (1-2kb)	1	21822244	21937310	-1686	ENSG00000142798	HSPG2
NR4A2_Medium	chr1	22137013	22137413	Promoter (5-6kb)	1	22117313	22143097	5684	ENSG00000162552	WNT4
NR4A2_Medium	chr1	22556258	22556658	Promoter (6-7kb)	1	22563489	22603595	-6831	ENSG00000070886	EPHA8
NR4A2_Medium	chr1	22707220	22707620	Promoter (3-4kb)	1	22710839	22891265	-3219	ENSG00000133216	EPHB2
NR4A2_Medium	chr1	23630795	23631195	Promoter (3-4kb)	1	23627334	23640568	3461	ENSG00000197880	MDS2
NR4A2_Medium	chr1	23736987	23737387	Promoter (5-6kb)	1	23743155	23762059	-5768	ENSG00000011007	ELOA
NR4A2_Medium	chr1	23770899	23771299	Promoter (1-2kb)	1	23771611	23772397	1098	ENSG00000236810	ELOA-AS1
NR4A2_Medium	chr1	24075229	24075629	Promoter (8-9kb)	1	24056035	24066579	-8650	ENSG00000142661	MYOM3
NR4A2_Medium	chr1	24199766	24200166	Promoter (<=1kb)	1	24200240	24211693	-74	ENSG00000230023	LINC02800
NR4A2_Medium	chr1	24372381	24372781	Promoter (7-8kb)	1	24369043	24379823	7042	ENSG00000001460	STPG1
NR4A2_Medium	chr1	24543655	24544055	Promoter (8-9kb)	1	24496270	24535400	-8255	ENSG00000286061	RCAN3AS
NR4A2_Medium	chr1	24738752	24739152	Promoter (6-7kb)	1	24745382	24839907	-6230	ENSG00000169504	CLIC4
NR4A2_Medium	chr1	25028429	25028829	Promoter (4-5kb)	1	25023503	25023586	4926	ENSG00000264371	MIR4425
NR4A2_Medium	chr1	26829015	26829415	Promoter (2-3kb)	1	26826688	26857604	2327	ENSG00000204160	ZDHHC18
NR4A2_Medium	chr1	26920509	26920909	Promoter (<=1kb)	1	26921743	26946871	-834	ENSG00000090273	NUDC
NR4A2_Medium	chr1	26988338	26988738	Promoter (4-5kb)	1	26993692	27000886	-4954	ENSG00000253368	TRNP1
NR4A2_Medium	chr1	27377927	27378327	Promoter (3-4kb)	1	27369112	27374824	-3103	ENSG00000142748	FCN3
NR4A2_Medium	chr1	27562971	27563371	Promoter (4-5kb)	1	27551668	27558361	-4610	ENSG00000126705	AHDC1
NR4A2_Medium	chr1	27665999	27666399	Promoter (3-4kb)	1	27660328	27662722	-3277	ENSG00000233975	LINC02574
NR4A2_Medium	chr1	27902308	27902708	Promoter (5-6kb)	1	27891538	27897085	-5223	ENSG00000117748	RPA2
NR4A2_Medium	chr1	28543741	28544141	Promoter (7-8kb)	1	28536093	28537898	7648	ENSG00000180198	RCC1
NR4A2_Medium	chr1	28569439	28569839	Promoter (8-9kb)	1	28560633	28577775	8806	ENSG00000180098	TRNAU1AP
NR4A2_Medium	chr1	29133610	29134010	Promoter (9-10kb)	1	29119429	29123903	-9707	ENSG00000253304	TMEM200B
NR4A2_Medium	chr1	29280562	29280962	Promoter (1-2kb)	1	29279551	29312706	1011	ENSG00000060656	PTPRU
NR4A2_Medium	chr1	29326419	29326819	Promoter (3-4kb)	1	29323218	29325650	3201	ENSG00000060656	PTPRU
NR4A2_Medium	chr1	30043041	30043441	Promoter (5-6kb)	1	30013952	30037612	-5429	ENSG00000233399	LINC01648
NR4A2_Medium	chr1	31646938	31647338	Promoter (2-3kb)	1	31630449	31644896	-2042	ENSG00000162517	PEF1
NR4A2_Medium	chr1	31672635	31673035	Promoter (<=1kb)	1	31666037	31673152	117	ENSG00000084636	COL16A1
NR4A2_Medium	chr1	32179692	32180092	Promoter (<=1kb)	1	32180065	32198285	0	ENSG00000084652	TXLNA
NR4A2_Medium	chr1	32267758	32268158	Promoter (5-6kb)	1	32274111	32286164	-5953	ENSG00000182866	LCK
NR4A2_Medium	chr1	32340100	32340500	Promoter (3-4kb)	1	32333839	32336233	-3867	ENSG00000175130	MARCKSL1
NR4A2_Medium	chr1	32460912	32461312	Promoter (3-4kb)	1	32465057	32600792	-3745	ENSG00000160062	ZBTB8A
NR4A2_Medium	chr1	32529238	32529638	Promoter (9-10kb)	1	32539427	32605941	-9789	ENSG00000160062	ZBTB8A
NR4A2_Medium	chr1	32544333	32544733	Promoter (4-5kb)	1	32539429	32600990	4904	ENSG00000160062	ZBTB8A
NR4A2_Medium	chr1	32648715	32649115	Promoter (1-2kb)	1	32621830	32650525	1410	ENSG00000176261	ZBTB8OS
NR4A2_Medium	chr1	32760525	32760925	Promoter (4-5kb)	1	32765634	32773197	-4709	ENSG00000162522	KIAA1522
NR4A2_Medium	chr1	32869812	32870212	Promoter (<=1kb)	1	32864294	32870746	534	ENSG00000160097	FNDC5
NR4A2_Medium	chr1	33571212	33571612	Promoter (<=1kb)	1					



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr1	40778926	40779326	Promoter (4-5kb)	1	40783787	40840452	-4461	ENSG00000117013	KCNQ4
NR4A2_Medium	chr1	41669269	41669669	Promoter (6-7kb)	1	41506365	41662325	-6944	ENSG00000127124	HIVEP3
NR4A2_Medium	chr1	42455151	42455551	Promoter (<=1kb)	1	42436421	42456011	460	ENSG00000066185	ZMYND12
NR4A2_Medium	chr1	43412793	43413193	Promoter (7-8kb)	1	43420757	43429489	-7564	ENSG00000198198	SZT2
NR4A2_Medium	chr1	43582703	43583103	Promoter (<=1kb)	1	43582480	43591118	223	ENSG00000142949	PTPRF
NR4A2_Medium	chr1	43878746	43879146	Promoter (<=1kb)	1	43879244	43930838	-98	ENSG00000126091	ST3GAL3
NR4A2_Medium	chr1	43904676	43905076	Promoter (5-6kb)	1	43899588	43930176	5088	ENSG00000126091	ST3GAL3
NR4A2_Medium	chr1	43905977	43906377	Promoter (6-7kb)	1	43899588	43930176	6389	ENSG00000126091	ST3GAL3
NR4A2_Medium	chr1	44247059	44247459	Promoter (<=1kb)	1	44221429	44247966	507	ENSG00000117419	ER13
NR4A2_Medium	chr1	44751653	44752053	Promoter (5-6kb)	1	44746406	44767767	5247	ENSG00000142945	KIF2C
NR4A2_Medium	chr1	44983622	44984022	Promoter (2-3kb)	1	44926628	44986586	2564	ENSG00000070785	EIF2B3
NR4A2_Medium	chr1	45003846	45004246	Promoter (1-2kb)	1	45002540	45005588	1342	ENSG00000126107	HECTD3
NR4A2_Medium	chr1	45709384	45709784	Promoter (4-5kb)	1	45697059	45714252	4468	ENSG00000197429	IPP
NR4A2_Medium	chr1	45785692	45786092	Promoter (<=1kb)	1	45786987	45917509	-895	ENSG00000086015	MAST2
NR4A2_Medium	chr1	45921295	45921695	Promoter (7-8kb)	1	45913588	46030759	7707	ENSG00000086015	MAST2
NR4A2_Medium	chr1	46271830	46272230	Promoter (<=1kb)	1	46272466	46278439	-236	ENSG00000085999	RAD54L
NR4A2_Medium	chr1	46346068	46346468	Promoter (2-3kb)	1	46344012	46345374	2056	ENSG00000117481	NSUN4
NR4A2_Medium	chr1	46424221	46424621	Promoter (7-8kb)	1	46432129	46445321	-7508	NA	FAAHP1
NR4A2_Medium	chr1	46907938	46908338	Promoter (7-8kb)	1	46843095	46900437	-7501	ENSG00000154198	CYP4Z2P
NR4A2_Medium	chr1	47199438	47199838	Promoter (8-9kb)	1	47183971	47191044	-8394	ENSG00000162366	PDZK1IP1
NR4A2_Medium	chr1	47307094	47307494	Promoter (1-2kb)	1	47302234	47305317	-1777	ENSG00000123473	STIL
NR4A2_Medium	chr1	48192167	48192567	Promoter (9-10kb)	1	48164710	48182428	-9739	NA	SKINT1L
NR4A2_Medium	chr1	48243775	48244175	Promoter (3-4kb)	1	48240384	48248638	3391	ENSG00000117834	SLC5A9
NR4A2_Medium	chr1	50043439	50043839	Promoter (3-4kb)	1	50047607	50177192	-3768	ENSG00000162374	ELAVL4
NR4A2_Medium	chr1	51514815	51515215	Promoter (4-5kb)	1	51461123	51519227	4012	ENSG00000085832	EPS15
NR4A2_Medium	chr1	51578572	51578972	Promoter (1-2kb)	1	51577179	51788469	1393	ENSG00000117859	OSBPL9
NR4A2_Medium	chr1	52442914	52443314	Promoter (3-4kb)	1	52431126	52446628	3314	ENSG00000134744	TUT4
NR4A2_Medium	chr1	52562789	52563189	Promoter (9-10kb)	1	52526050	52553487	-9302	ENSG00000134744	TUT4
NR4A2_Medium	chr1	53132766	53133166	Promoter (9-10kb)	1	53087183	53142577	9411	ENSG00000162383	SLC1A7
NR4A2_Medium	chr1	53836420	53836820	Promoter (1-2kb)	1	53765478	53838296	1476	ENSG00000058804	NDC1
NR4A2_Medium	chr1	54042867	54043267	Promoter (1-2kb)	1	54031676	54044942	1675	ENSG00000116209	TMEM59
NR4A2_Medium	chr1	54202124	54202524	Promoter (1-2kb)	1	54200204	54210131	1920	ENSG00000116221	MRPL37
NR4A2_Medium	chr1	54206296	54206696	Promoter (3-4kb)	1	54209946	54220930	-3250	ENSG00000116221	MRPL37
NR4A2_Medium	chr1	54233517	54233917	Promoter (2-3kb)	1	54236440	54239063	-2523	ENSG00000198711	SSBP3-AS1
NR4A2_Medium	chr1	54647440	54647840	Promoter (3-4kb)	1	54651237	54710266	-3397	ENSG00000184313	MROH7
NR4A2_Medium	chr1	54677773	54678173	Promoter (8-9kb)	1	54686265	54695782	-8092	ENSG00000184313	MROH7
NR4A2_Medium	chr1	54736734	54737134	Promoter (<=1kb)	1	54736689	54742307	45	ENSG00000243725	TTC4
NR4A2_Medium	chr1	54881297	54881697	Promoter (4-5kb)	1	54871592	54886490	4793	ENSG00000116133	DHCR24
NR4A2_Medium	chr1	55044984	55045384	Promoter (5-6kb)	1	55039548	55064852	5436	ENSG00000169174	PCSK9
NR4A2_Medium	chr1	55046046	55046446	Promoter (4-5kb)	1	55050934	55064850	-4488	ENSG00000169174	PCSK9
NR4A2_Medium	chr1	57876596	57876996	Promoter (7-8kb)	1	57826071	57884085	7089	ENSG00000173406	DAB1
NR4A2_Medium	chr1	59822238	59822638	Promoter (7-8kb)	1	59815172	59873007	7066	ENSG00000134709	HOOK1
NR4A2_Medium	chr1	60074339	60074739	Promoter (<=1kb)	1	59990394	60073770	-569	ENSG00000162598	C1orf87
NR4A2_Medium	chr1	62117100	62117500	Promoter (3-4kb)	1	62114090	62117395	3010	ENSG00000132849	PATJ
NR4A2_Medium	chr1	62658658	62659058	Promoter (4-5kb)	1	62627559	62663106	4048	ENSG00000116641	DOCK7
NR4A2_Medium	chr1	63329595	63329995	Promoter (2-3kb)	1	63326925	63326984	-2611	ENSG00000275836	MIR6068
NR4A2_Medium	chr1	64782895	64783295	Promoter (4-5kb)	1	64778066	64816509	4829	ENSG00000162437	RAVER2
NR4A2_Medium	chr1	66691273	66691673	Promoter (3-4kb)	1	66694694	66745084	-3021	ENSG00000118473	SGIP1
NR4A2_Medium	chr1	71044902	71045302	Promoter (2-3kb)	1	70852573	71047633	2331	ENSG00000050628	PTGER3
NR4A2_Medium	chr1	74513346	74513746	Promoter (<=1kb)	1	74469878	74512614	-732	ENSG00000162621	LRRC53
NR4A2_Medium	chr1	74702910	74703310	Promoter (5-6kb)	1	74705488	74708827	5517	ENSG00000116791	CRYZ
NR4A2_Medium	chr1	76067166	76067566	Promoter (7-8kb)	1	76074746	76634603	-7180	ENSG00000184005	ST6GALNAC3
NR4A2_Medium	chr1	77884018	77884418	Promoter (4-5kb)	1	77888513	77933384	-4095	ENSG00000162614	NEXN
NR4A2_Medium	chr1	77933837	77934237	Promoter (2-3kb)	1	77931662	77943199	2175	ENSG00000162614	NEXN
NR4A2_Medium	chr1	78043191	78043591	Promoter (2-3kb)	1	78045966	78138444	-2375	ENSG00000137960	GIPC2
NR4A2_Medium	chr1	78310033	78310433	Promoter (6-7kb)	1	78303884	78539749	6149	ENSG00000122420	PTGFR
NR4A2_Medium	chr1	83999236	83999636	Promoter (<=1kb)	1	83912996	83999150	-86	ENSG00000137941	TTLL7
NR4A2_Medium	chr1	84517078	84517478	Promoter (2-3kb)	1	84520115	84526076	-2637	ENSG00000122432	SPATA1
NR4A2_Medium	chr1	84683672	84684072	Promoter (6-7kb)	1	84649630	84690289	6217	ENSG00000117155	SSX2IP
NR4A2_Medium	chr1	85273051	85273451	Promoter (2-3kb)	1	85267729	85275750	2299	ENSG00000142867	BCL10
NR4A2_Medium	chr1	86562480	86562880	Promoter (8-9kb)	1	86571116	86572956	-8236	ENSG00000166602	CLCA4
NR4A2_Medium	chr1	89112644	89113044	Promoter (<=1kb)	1	89108117	89113050	6	ENSG00000162645	GBP2
NR4A2_Medium	chr1	89133564	89133964	Promoter (7-8kb)	1	89106132	89126114	-7450	ENSG00000162645	GBP2
NR4A2_Medium	chr1	90785980	90786380	Promoter (3-4kb)	1	90782984	90789672	3292	ENSG00000233593	LINC02609
NR4A2_Medium	chr1	90851277	90851677	Promoter (<=1kb)	1	90769086	90851528	0	ENSG00000233593	LINC02609
NR4A2_Medium	chr1	91359194	91359594	Promoter (6-7kb)	1	91260766	91352637	-6557	ENSG00000162669	HFM1
NR4A2_Medium	chr1	91851492	91851892	Promoter (9-10kb)	1	91682430	91861593	9701	ENSG00000069702	TGFBR3
NR4A2_Medium	chr1	92214287	92214687	Promoter (3-4kb)	1	92217915	92245813	-3228	ENSG00000203910	C1orf146
NR4A2_Medium	chr1	93112813	93113213	Promoter (2-3kb)	1	93110424	93133740	2389	ENSG00000143033	MTF2
NR4A2_Medium	chr1	93355128	93355528	Promoter (<=1kb)	1	93354975	93360935	153	ENSG00000117505	DR1
NR4A2_Medium	chr1	93615232	93615632	Promoter (1-2kb)	1	93561786	93614097	-1135	ENSG00000137936	BCAR3
NR4A2_Medium	chr1	94234974	94235374	Promoter (2-3kb)	1	94168905	94237584	2210	ENSG00000137962	ARHGAP29
NR4A2_Medium	chr1	96801538	96801938	Promoter (4-5kb)	1	96806811	96812928	-4873	ENSG00000117569	PTBP2
NR4A2_Medium	chr1	100000426	100000826	Promoter (6-7kb)	1	99993546	100023411	6880	ENSG00000117620	SLC35A3
NR4A2_Medium	chr1	100346717	100347117	Promoter (1-2kb)	1	100345038	100518253	1679	ENSG00000079335	CDC14A
NR4A2_Medium	chr1	101836717	101837117	Promoter (<=1kb)	1	101803486	101837029	0	ENSG00000118733	OLFM3
NR4A2_Medium	chr1	101849815	101850215	Promoter (2-3kb)	1	101803486	101846973	-2842	ENSG00000118733	OLFM3
NR4A2_Medium	chr1	103548942	103549342	Promoter (2-3kb)	1	103546927	103551263	2015	ENSG00000185946	RNPC3
NR4A2_Medium	chr1	104071854	104072254	Promoter (<=1kb)	1	104072983	104126914	-729	ENSG00000215869	LOC100129138
NR4A2_Medium	chr1	105624950	105625350	Promoter (5-6kb)	1	105602062	105618991	-5959	ENSG00000230768	LINC01676
NR4A2_Medium	chr1	106014359	106014759	Promoter (8-9kb)	1	105927624	106023212	8453	NA	LINC01677
NR4A2_Medium	chr1	106021524	106021924	Promoter (1-2kb)	1	105927624	106023212	1288	NA	LINC01677
NR4A2_Medium	chr1	107790542	107790942	Promoter (4-5kb)	1	107573169	107785624	-4918	ENSG00000134215	VAV3
NR4A2_Medium	chr1	107958248	107958648	Promoter (4-5kb)	1	107770659	107963500	4852	ENSG00000134215	VAV3
NR4A2_Medium	chr1	108691682	108692082	Promoter (<=1kb)	1	108692310	108702928	-228	ENSG00000134186	PRPF38B
NR4A2_Medium	chr1	108912641	108913041	Promoter (1-2kb)	1	108914377	108924361	-1336	ENSG00000121957	GPSM2
NR4A2_Medium	chr1	109073701	109074101	Promoter (1-2kb)	1	109062486	109075971	1870	ENSG00000197780	TAF13
NR4A2_Medium	chr1	109469105	109469505	Promoter (2-3kb)	1	109466546	109482134	2559	ENSG00000143028	SYPL2
NR4A2_Medium	chr1	109739938	109740338	Promoter (<=1kb)	1	109736930	109740327	0	ENSG00000134202	GSTM3
NR4A2_Medium	chr1	109749100	109749500	Promoter (2-3kb)	1	109750356	109751546	2046	ENSG00000198758	EPS8L3
NR4A2_Medium	chr1	110077549	110077949	Promoter (4-5kb)	1	110082688	110109719	-4739	ENSG00000258673	LINC01397
NR4A2_Medium	chr1	110199189	110199589	Promoter (6-7kb)	1	110192568	110194988	6621	ENSG00000197106	SLC6A17
NR4A2_Medium	chr1	111224680	111225080	Promoter (1-2kb)	1	111227016	111236080	-1936	ENSG00000064886	CHI3L2
NR4A2_Medium	chr1	111247634	111248034	Promoter (8-9kb)	1	111239306	111243438	8328	ENSG00000064886	CHI3L2
NR4A2_Medium	chr1	111567398	111567798	Promoter (3-4kb)	1	111483348	111563962	-3436	ENSG00000121933	TMIGD

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr1	113944450	113944850	Promoter (6-7kb)	1	113951145	113977804	-6295	ENSG00000163349	HIPK1
NR4A2_Medium	chr1	115028583	115028983	Promoter (<=1kb)	1	115029824	115034309	-841	ENSG00000134200	TSHB
NR4A2_Medium	chr1	116416367	116416767	Promoter (1-2kb)	1	116405509	116418536	1769	ENSG00000203865	ATP1A1-AS1
NR4A2_Medium	chr1	117004290	117004690	Promoter (2-3kb)	1	117001812	117036417	2478	ENSG00000134256	CD101
NR4A2_Medium	chr1	117175371	117175771	Promoter (2-3kb)	1	117143587	117173266	-2105	ENSG00000134258	VTCN1
NR4A2_Medium	chr1	117507749	117508149	Promoter (4-5kb)	1	117502861	117525352	4888	ENSG00000198162	MAN1A2
NR4A2_Medium	chr1	117879673	117880073	Promoter (7-8kb)	1	117870184	117887733	7660	ENSG00000196505	GDAP2
NR4A2_Medium	chr1	117985253	117985653	Promoter (<=1kb)	1	117971780	117984748	-505	ENSG00000155761	SPAG17
NR4A2_Medium	chr1	118071093	118071493	Promoter (9-10kb)	1	118073941	118081296	9803	ENSG00000155761	SPAG17
NR4A2_Medium	chr1	119420899	119421299	Promoter (3-4kb)	1	119417413	119422023	3486	ENSG00000203859	HSD3B2
NR4A2_Medium	chr1	119839647	119840047	Promoter (4-5kb)	1	119834870	119844514	4467	ENSG00000215864	NBPF7
NR4A2_Medium	chr1	119849997	119850397	Promoter (5-6kb)	1	119834870	119844514	-5483	ENSG00000215864	NBPF7
NR4A2_Medium	chr1	121517348	121517748	Promoter (1-2kb)	1	121519112	121571892	-1364	ENSG00000231752	EMBP1
NR4A2_Medium	chr1	143690726	143691126	Promoter (8-9kb)	1	143699456	143699619	8493	ENSG00000207349	RNVU1-17
NR4A2_Medium	chr1	145834947	145835347	Promoter (1-2kb)	1	145836537	145840407	-1190	ENSG00000186141	POLR3C
NR4A2_Medium	chr1	145998402	145998802	Promoter (1-2kb)	1	145992435	145996579	-1823	ENSG00000265972	TXNIP
NR4A2_Medium	chr1	145999672	146000072	Promoter (3-4kb)	1	145992435	145996579	-3093	ENSG00000265972	TXNIP
NR4A2_Medium	chr1	146006462	146006862	Promoter (9-10kb)	1	145992435	145996579	-9883	ENSG00000265972	TXNIP
NR4A2_Medium	chr1	146016225	146016625	Promoter (5-6kb)	1	146017468	146021734	5109	ENSG00000168509	HJV
NR4A2_Medium	chr1	146385004	146385404	Promoter (8-9kb)	1	146376807	146376970	8197	ENSG00000206737	RNVU1-18
NR4A2_Medium	chr1	149903903	149904303	Promoter (4-5kb)	1	149899626	149900548	4277	ENSG00000178096	BOLA1
NR4A2_Medium	chr1	150174788	150175188	Promoter (1-2kb)	1	150173049	150181429	1739	NA	LOC105371433
NR4A2_Medium	chr1	150233009	150233409	Promoter (1-2kb)	1	150218555	150234678	1269	ENSG00000143401	ANP32E
NR4A2_Medium	chr1	150312252	150312652	Promoter (8-9kb)	1	150321479	150335030	-8827	ENSG00000117360	PRPF3
NR4A2_Medium	chr1	150539531	150539931	Promoter (9-10kb)	1	150549369	150560932	-9438	ENSG00000143382	ADAMTSL4
NR4A2_Medium	chr1	150542213	150542613	Promoter (6-7kb)	1	150549369	150560932	-6756	ENSG00000143382	ADAMTSL4
NR4A2_Medium	chr1	150701367	150701767	Promoter (2-3kb)	1	150698391	150704307	2540	ENSG00000143452	HORMAD1
NR4A2_Medium	chr1	150754188	150754588	Promoter (2-3kb)	1	150732838	150751834	-2354	ENSG00000163131	CTSS
NR4A2_Medium	chr1	150805331	150805731	Promoter (1-2kb)	1	150804012	150806768	1037	ENSG00000143387	CTSK
NR4A2_Medium	chr1	151350635	151351035	Promoter (3-4kb)	1	151341960	151347357	-3278	ENSG00000143390	RFX5
NR4A2_Medium	chr1	151433321	151433721	Promoter (5-6kb)	1	151423522	151427980	-5341	ENSG00000143442	POGZ
NR4A2_Medium	chr1	151575245	151575645	Promoter (9-10kb)	1	151565922	151574927	9323	ENSG00000143367	TUFT1
NR4A2_Medium	chr1	151663092	151663492	Promoter (2-3kb)	1	151660384	151694484	2708	ENSG00000143376	SNX27
NR4A2_Medium	chr1	151676166	151676566	Promoter (<=1kb)	1	151675856	151694485	310	ENSG00000143376	SNX27
NR4A2_Medium	chr1	151718373	151718773	Promoter (1-2kb)	1	151700058	151716803	-1570	ENSG00000159409	CELF3
NR4A2_Medium	chr1	151826061	151826461	Promoter (<=1kb)	1	151806071	151826096	0	ENSG00000143365	RORC
NR4A2_Medium	chr1	152197224	152197624	Promoter (7-8kb)	1	152189352	152365652	7872	ENSG00000237975	FLG-AS1
NR4A2_Medium	chr1	152368371	152368771	Promoter (8-9kb)	1	152348735	152360006	-8365	ENSG00000143520	FLG2
NR4A2_Medium	chr1	152696649	152697049	Promoter (1-2kb)	1	152698345	152699442	-1296	ENSG00000187173	LCE2A
NR4A2_Medium	chr1	152968068	152968468	Promoter (2-3kb)	1	152970648	152972574	-2180	ENSG00000184148	SPRR4
NR4A2_Medium	chr1	153378358	153378758	Promoter (2-3kb)	1	153373711	153375621	-2737	ENSG00000163221	S100A12
NR4A2_Medium	chr1	153986970	153987370	Promoter (<=1kb)	1	153982061	153986358	-612	ENSG00000143545	RAB13
NR4A2_Medium	chr1	154551033	154551433	Promoter (<=1kb)	1	154551223	154551801	368	ENSG00000160714	UBE2Q1
NR4A2_Medium	chr1	154580108	154580508	Promoter (4-5kb)	1	154584634	154585418	4910	ENSG00000160710	ADAR
NR4A2_Medium	chr1	155168812	155169212	Promoter (3-4kb)	1	155169408	155172777	3565	ENSG00000163463	KRTCAP2
NR4A2_Medium	chr1	155197079	155197479	Promoter (<=1kb)	1	155195845	155197622	143	ENSG00000169231	THBS3
NR4A2_Medium	chr1	155695351	155695751	Promoter (6-7kb)	1	155689102	155729064	6249	ENSG00000132676	DAP3
NR4A2_Medium	chr1	156005791	156006191	Promoter (6-7kb)	1	156009049	156013040	6849	ENSG00000163479	SSR2
NR4A2_Medium	chr1	156083671	156084071	Promoter (1-2kb)	1	156082631	156093811	1040	ENSG00000160789	LMNA
NR4A2_Medium	chr1	156262076	156262476	Promoter (5-6kb)	1	156266137	156267588	5112	ENSG00000198952	SMG5
NR4A2_Medium	chr1	156892780	156893180	Promoter (<=1kb)	1	156893698	156906720	-518	ENSG00000187800	PEAR1
NR4A2_Medium	chr1	156928264	156928664	Promoter (<=1kb)	1	156927362	156933085	902	ENSG00000160838	LRRC71
NR4A2_Medium	chr1	157560500	157560900	Promoter (7-8kb)	1	157513377	157552515	-7985	ENSG00000143297	FCRL5
NR4A2_Medium	chr1	157592530	157592930	Promoter (3-4kb)	1	157574821	157589251	-3279	ENSG00000163518	FCRL4
NR4A2_Medium	chr1	158130750	158131150	Promoter (9-10kb)	1	158132046	158140650	9500	ENSG00000231666	LINC01704
NR4A2_Medium	chr1	158321917	158322317	Promoter (8-9kb)	1	158327951	158331025	8708	ENSG00000158485	CD1B
NR4A2_Medium	chr1	158415897	158416297	Promoter (4-5kb)	1	158419928	158420866	4569	ENSG00000180708	OR10K2
NR4A2_Medium	chr1	159807760	159808160	Promoter (5-6kb)	1	159802424	159815592	5336	ENSG00000181036	FCRL6
NR4A2_Medium	chr1	159872345	159872745	Promoter (<=1kb)	1	159857932	159873014	269	ENSG00000243284	VSIG8
NR4A2_Medium	chr1	159890091	159890491	Promoter (7-8kb)	1	159872366	159898269	7778	ENSG00000213085	CFAP45
NR4A2_Medium	chr1	160194465	160194865	Promoter (1-2kb)	1	160192638	160199053	1827	ENSG00000143318	CASQ1
NR4A2_Medium	chr1	160211672	160212072	Promoter (<=1kb)	1	160211287	160213717	385	ENSG00000162734	PEA15
NR4A2_Medium	chr1	160228246	160228646	Promoter (3-4kb)	1	160217486	160224528	-3718	ENSG00000132716	DCAF8
NR4A2_Medium	chr1	160530830	160531230	Promoter (7-8kb)	1	160485030	160523262	-7568	ENSG00000162739	SLAMF6
NR4A2_Medium	chr1	160575516	160575916	Promoter (3-4kb)	1	160541098	160579473	3557	ENSG00000066294	CD84
NR4A2_Medium	chr1	160717311	160717711	Promoter (5-6kb)	1	160680422	160711831	-5480	ENSG00000117091	CD48
NR4A2_Medium	chr1	161207809	161208209	Promoter (1-2kb)	1	161209239	161214239	-1030	ENSG00000158864	NDUFS2
NR4A2_Medium	chr1	161253424	161253824	Promoter (4-5kb)	1	161258745	161285450	-4921	ENSG00000248485	PCP4L1
NR4A2_Medium	chr1	161255581	161255981	Promoter (2-3kb)	1	161258745	161285450	-2764	ENSG00000248485	PCP4L1
NR4A2_Medium	chr1	161717125	161717525	Promoter (4-5kb)	1	161721563	161728143	-4038	ENSG00000162746	FCRLB
NR4A2_Medium	chr1	162417748	162418148	Promoter (5-6kb)	1	162402477	162412138	-5610	ENSG00000198574	SH2D1B
NR4A2_Medium	chr1	163163916	163164316	Promoter (2-3kb)	1	163161675	163213023	2241	ENSG00000232892	RGS5-AS1
NR4A2_Medium	chr1	165541934	165542334	Promoter (1-2kb)	1	165476838	165543758	1424	ENSG00000237463	LRRC52-AS1
NR4A2_Medium	chr1	165892845	165893245	Promoter (<=1kb)	1	165892652	165908100	193	ENSG00000143179	UCK2
NR4A2_Medium	chr1	166995444	166995844	Promoter (5-6kb)	1	166989925	167022214	5519	ENSG00000143194	MAEL
NR4A2_Medium	chr1	167193476	167193876	Promoter (1-2kb)	1	167176074	167195480	1604	ENSG00000231605	LINC01363
NR4A2_Medium	chr1	168585124	168585524	Promoter (8-9kb)	1	168576605	168582069	8519	ENSG00000143184	XCL1
NR4A2_Medium	chr1	169114741	169115141	Promoter (6-7kb)	1	169107907	169127399	6834	ENSG00000143153	ATP1B1
NR4A2_Medium	chr1	169620499	169620899	Promoter (1-2kb)	1	169588849	169619219	-1280	ENSG00000174175	SELP
NR4A2_Medium	chr1	169766984	169767384	Promoter (2-3kb)	1	169733577	169764705	-2279	ENSG00000007908	SELE
NR4A2_Medium	chr1	170283739	170284139	Promoter (<=1kb)	1	170271767	170284208	69	ENSG00000224286	LINC01142
NR4A2_Medium	chr1	170737996	170738396	Promoter (7-8kb)	1	170730446	170736233	7550	ENSG00000116132	PRRX1
NR4A2_Medium	chr1	171560163	171560563	Promoter (2-3kb)	1	171557955	171593258	2208	ENSG00000117523	PRRC2C
NR4A2_Medium	chr1	171616088	171616488	Promoter (5-6kb)	1	171622216	171627747	-5728	ENSG00000283683	MYOCOS
NR4A2_Medium	chr1	172453725	172454125	Promoter (<=1kb)	1	172452893	172468831	832	ENSG00000180999	C1orf105
NR4A2_Medium	chr1	173564396	173564796	Promoter (8-9kb)	1	173521215	173556205	-8191	ENSG00000162753	SLC9C2
NR4A2_Medium	chr1	173661452	173661852	Promoter (7-8kb)	1	173657626	173669832	7980	ENSG00000183831	ANKRD45
NR4A2_Medium	chr1	174030801	174031201	Promoter (8-9kb)	1	173931214	174022297	-8504	ENSG00000135870	RC3H1
NR4A2_Medium	chr1	174797388	174797788	Promoter (2-3kb)	1	174799932	174995308	-2144	ENSG00000152061	RABGAP1L
NR4A2_Medium	chr1	174799759	174800159	Promoter (<=1kb)	1	174799932	174995308	0	ENSG00000152061	RABGAP1L
NR4A2_Medium	chr1	175412648	175413048	Promoter (6-7kb)	1	175391428	175406364	-6284	ENSG00000116147	TNR
NR4A2_Medium	chr1	175875092	175875492	Promoter (1-2kb)	1	175877343	175880468	-1851	ENSG00000224718	LINC01657
NR4A2_Medium	chr1	175937505	175937905							



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr1	192310111	192310511	Promoter (6-7kb)	1	192316992	192367285	-6481	ENSG00000253148	RGS21
NR4A2_Medium	chr1	193127533	193127933	Promoter (4-5kb)	1	193122535	193141955	4998	ENSG00000134371	CDC73
NR4A2_Medium	chr1	200870738	200871138	Promoter (1-2kb)	1	200872981	200874178	-1843	ENSG00000170128	GPR25
NR4A2_Medium	chr1	201006762	201007162	Promoter (1-2kb)	1	201001407	201005590	-1172	ENSG00000116852	KIF21B
NR4A2_Medium	chr1	201200877	201201277	Promoter (3-4kb)	1	201205082	201206475	-3805	ENSG00000163395	IGFN1
NR4A2_Medium	chr1	201363834	201364234	Promoter (<=1kb)	1	201359008	201364188	0	ENSG00000118194	TNNT2
NR4A2_Medium	chr1	201499719	201500119	Promoter (3-4kb)	1	201483979	201496573	-3146	ENSG00000159176	CSRP1
NR4A2_Medium	chr1	201641774	201642174	Promoter (6-7kb)	1	201648249	201826969	-6075	ENSG00000134369	NAV1
NR4A2_Medium	chr1	202883097	202883497	Promoter (5-6kb)	1	202878282	202889149	5652	ENSG00000183155	RABIF
NR4A2_Medium	chr1	202925475	202925875	Promoter (1-2kb)	1	202891120	202927234	1359	ENSG00000117153	KLHL12
NR4A2_Medium	chr1	202976447	202976847	Promoter (9-10kb)	1	202965371	202967275	-9172	ENSG00000159348	CYBR51
NR4A2_Medium	chr1	203736618	203737018	Promoter (7-8kb)	1	203729581	203729705	7037	ENSG00000221643	SNORA77
NR4A2_Medium	chr1	203847296	203847696	Promoter (2-3kb)	1	203850174	203851122	-2478	ENSG00000058673	ZC3H11A
NR4A2_Medium	chr1	203857764	203858164	Promoter (3-4kb)	1	203861599	203871152	-3435	ENSG00000182004	SNRPE
NR4A2_Medium	chr1	204195026	204195426	Promoter (1-2kb)	1	204190341	204196491	1065	ENSG00000170498	KISS1
NR4A2_Medium	chr1	204280381	204280781	Promoter (1-2kb)	1	204259258	204278389	-1992	ENSG00000143850	PLEKHA6
NR4A2_Medium	chr1	204350177	204350577	Promoter (9-10kb)	1	204221221	204359916	9339	ENSG00000143850	PLEKHA6
NR4A2_Medium	chr1	204947668	204948068	Promoter (2-3kb)	1	204950557	205018371	-2489	ENSG00000163531	NFASC
NR4A2_Medium	chr1	204976321	204976721	Promoter (2-3kb)	1	204979388	204984329	-2667	ENSG00000163531	NFASC
NR4A2_Medium	chr1	205044169	205044569	Promoter (<=1kb)	1	205043212	205078289	957	ENSG00000184144	CNTN2
NR4A2_Medium	chr1	205074540	205074940	Promoter (1-2kb)	1	205072991	205074042	1549	ENSG00000184144	CNTN2
NR4A2_Medium	chr1	205082753	205083153	Promoter (1-2kb)	1	205083129	205084460	1307	ENSG00000174529	TMEM81
NR4A2_Medium	chr1	205218784	205219184	Promoter (7-8kb)	1	205142505	205211702	-7082	ENSG00000133059	DSTYK
NR4A2_Medium	chr1	205410787	205411187	Promoter (9-10kb)	1	205381378	205420574	9387	ENSG00000186007	LEMD1
NR4A2_Medium	chr1	205624393	205624793	Promoter (<=1kb)	1	205620614	205625667	874	ENSG00000158711	ELK4
NR4A2_Medium	chr1	205872962	205873362	Promoter (9-10kb)	1	205882421	205896072	-9059	NA	LOC284581
NR4A2_Medium	chr1	205896435	205896835	Promoter (6-7kb)	1	205890047	205896072	6388	NA	LOC284581
NR4A2_Medium	chr1	205936576	205936976	Promoter (<=1kb)	1	205913048	205935822	-754	ENSG00000174502	SLC26A9
NR4A2_Medium	chr1	206045965	206046365	Promoter (6-7kb)	1	206052845	206062257	-6480	ENSG00000263961	RHEX
NR4A2_Medium	chr1	206937818	206938218	Promoter (1-2kb)	1	206937546	206939466	1248	ENSG00000162896	PIGR
NR4A2_Medium	chr1	209673041	209673441	Promoter (1-2kb)	1	209661364	209675247	1806	ENSG00000227591	HSD11B1-AS1
NR4A2_Medium	chr1	209678476	209678876	Promoter (3-4kb)	1	209675412	209676390	3064	ENSG00000123689	G0S2
NR4A2_Medium	chr1	209718731	209719131	Promoter (4-5kb)	1	209661366	209724125	4994	ENSG00000227591	HSD11B1-AS1
NR4A2_Medium	chr1	211139644	211140044	Promoter (5-6kb)	1	210678315	211134165	-5479	ENSG00000143473	KCNH1
NR4A2_Medium	chr1	211286194	211286594	Promoter (2-3kb)	1	211289178	211313672	-2584	ENSG00000117625	RCOR3
NR4A2_Medium	chr1	211660096	211660496	Promoter (7-8kb)	1	211652147	211654622	7949	ENSG00000227764	LINC01693
NR4A2_Medium	chr1	211969509	211969909	Promoter (<=1kb)	1	211966124	211968707	-802	ENSG00000143493	INTS7
NR4A2_Medium	chr1	212967292	212967692	Promoter (<=1kb)	1	212966957	212972918	335	ENSG00000143494	VASH2
NR4A2_Medium	chr1	214276497	214276897	Promoter (4-5kb)	1	214281102	214337131	-4205	ENSG00000143499	SMYD2
NR4A2_Medium	chr1	214553919	214554319	Promoter (1-2kb)	1	214464702	214552449	-1470	ENSG00000152104	PTPN14
NR4A2_Medium	chr1	215628704	215629104	Promoter (9-10kb)	1	215618705	215620203	9999	ENSG00000136636	KCTD3
NR4A2_Medium	chr1	220118840	220119240	Promoter (<=1kb)	1	220118157	220118241	-599	ENSG00000207624	MIR194-1
NR4A2_Medium	chr1	222599708	222600108	Promoter (9-10kb)	1	222590179	222593439	9529	ENSG00000225265	TAF1A-AS1
NR4A2_Medium	chr1	222721111	222721511	Promoter (7-8kb)	1	222713401	222727209	7710	ENSG00000162819	BROX
NR4A2_Medium	chr1	223537461	223537861	Promoter (5-6kb)	1	223538007	223543166	5305	ENSG00000203697	CAPN8
NR4A2_Medium	chr1	223622924	223623324	Promoter (5-6kb)	1	223622622	223628705	5381	ENSG00000203697	CAPN8
NR4A2_Medium	chr1	223674627	223675027	Promoter (8-9kb)	1	223615970	223665734	-8893	ENSG00000203697	CAPN8
NR4A2_Medium	chr1	224172206	224172606	Promoter (3-4kb)	1	224175756	224192353	-3150	ENSG00000143753	DEGS1
NR4A2_Medium	chr1	224220653	224221053	Promoter (1-2kb)	1	224219613	224228043	1040	ENSG00000237101	LOC101927164
NR4A2_Medium	chr1	224273364	224273764	Promoter (3-4kb)	1	224231266	224269915	-3449	ENSG00000143748	NVL
NR4A2_Medium	chr1	224903046	224903446	Promoter (6-7kb)	1	224896262	225399269	6784	ENSG00000185842	DNAH14
NR4A2_Medium	chr1	225835026	225835426	Promoter (6-7kb)	1	225828843	225832163	6183	ENSG00000143819	EPHX1
NR4A2_Medium	chr1	225853088	225853488	Promoter (4-5kb)	1	225847139	225848988	-4100	ENSG00000196187	TMEM63A
NR4A2_Medium	chr1	225916822	225917222	Promoter (4-5kb)	1	225921216	225921934	4712	ENSG00000143811	PYCR2
NR4A2_Medium	chr1	226357738	226358138	Promoter (4-5kb)	1	226361410	226362252	4114	ENSG00000143799	PARP1
NR4A2_Medium	chr1	226388323	226388723	Promoter (4-5kb)	1	226388698	226392792	4069	ENSG00000143799	PARP1
NR4A2_Medium	chr1	226679985	226680385	Promoter (4-5kb)	1	226656680	226675067	-4918	NA	ITPKB-IT1
NR4A2_Medium	chr1	226866952	226867352	Promoter (2-3kb)	1	226870184	226881970	-2832	ENSG00000143801	PSEN2
NR4A2_Medium	chr1	226905309	226905709	Promoter (7-8kb)	1	226897536	226987545	7773	ENSG00000163050	COQ8A
NR4A2_Medium	chr1	227247083	227247483	Promoter (6-7kb)	1	227199557	227254155	6672	ENSG00000143776	CDC42BPA
NR4A2_Medium	chr1	227252893	227253293	Promoter (<=1kb)	1	227199557	227254155	862	ENSG00000143776	CDC42BPA
NR4A2_Medium	chr1	227559889	227560289	Promoter (3-4kb)	1	227563543	227677443	-3254	ENSG00000181450	ZNF678
NR4A2_Medium	chr1	228069501	228069901	Promoter (6-7kb)	1	228073909	228076550	6649	ENSG00000276255	LINC02809
NR4A2_Medium	chr1	228070716	228071116	Promoter (5-6kb)	1	228073909	228076550	5434	ENSG00000276255	LINC02809
NR4A2_Medium	chr1	228071509	228071909	Promoter (4-5kb)	1	228073909	228076550	4641	ENSG00000276255	LINC02809
NR4A2_Medium	chr1	228275953	228276353	Promoter (<=1kb)	1	228276134	228278014	0	ENSG00000154358	OBSCN
NR4A2_Medium	chr1	228319467	228319867	Promoter (9-10kb)	1	228309484	228316119	9983	ENSG00000154358	OBSCN
NR4A2_Medium	chr1	228622067	228622467	Promoter (<=1kb)	1	228621447	228621565	-502	ENSG00000199352	RNA5S1
NR4A2_Medium	chr1	228644119	228644519	Promoter (1-2kb)	1	228646040	228646158	1639	ENSG00000199352	RNA5S1
NR4A2_Medium	chr1	229609638	229610038	Promoter (4-5kb)	1	229593111	229614482	4444	ENSG00000135801	TAF5L
NR4A2_Medium	chr1	229612894	229613294	Promoter (1-2kb)	1	229593111	229614482	1188	ENSG00000135801	TAF5L
NR4A2_Medium	chr1	229899445	229899845	Promoter (7-8kb)	1	229875555	229892046	-7399	ENSG00000227043	LINC01682
NR4A2_Medium	chr1	230264669	230265069	Promoter (2-3kb)	1	230261951	230264972	2718	ENSG00000143641	GALNT2
NR4A2_Medium	chr1	230343427	230343827	Promoter (7-8kb)	1	230323542	230336295	-7132	ENSG00000177614	PGBD5
NR4A2_Medium	chr1	230378154	230378554	Promoter (<=1kb)	1	230323248	230377645	-509	ENSG00000177614	PGBD5
NR4A2_Medium	chr1	230972828	230973228	Promoter (5-6kb)	1	230933783	230978796	5568	ENSG00000143643	TTC13
NR4A2_Medium	chr1	231164566	231164966	Promoter (1-2kb)	1	231162970	231217024	1596	ENSG00000119283	TRIM67
NR4A2_Medium	chr1	231216359	231216759	Promoter (9-10kb)	1	231224315	231225922	9163	ENSG00000143633	C1orf131
NR4A2_Medium	chr1	231429771	231430171	Promoter (7-8kb)	1	231363756	231422287	-7484	ENSG00000135766	EGLN1
NR4A2_Medium	chr1	232991892	232992292	Promoter (6-7kb)	1	232984135	232985884	-6008	ENSG00000135749	PCNX2
NR4A2_Medium	chr1	233130464	233130864	Promoter (4-5kb)	1	233089851	233135188	4324	ENSG00000135749	PCNX2
NR4A2_Medium	chr1	233208633	233209033	Promoter (8-9kb)	1	232984136	233200191	-8442	ENSG00000135749	PCNX2
NR4A2_Medium	chr1	234642018	234642418	Promoter (3-4kb)	1	234646289	234660924	-3871	ENSG00000228044	LOC101927787
NR4A2_Medium	chr1	234757361	234757761	Promoter (2-3kb)	1	234757619	234760056	2295	ENSG00000279261	PP2672
NR4A2_Medium	chr1	235158905	235159305	Promoter (1-2kb)	1	235155088	235160962	1657	ENSG00000188739	RBM34
NR4A2_Medium	chr1	235587440	235587840	Promoter (1-2kb)	1	235551754	235588959	1119	ENSG00000168243	GNG4
NR4A2_Medium	chr1	236685578	236685978	Promoter (<=1kb)	1	236686454	236762943	-476	ENSG00000077522	ACTN2
NR4A2_Medium	chr1	237041913	237042313	Promoter (<=1kb)	1	237042184	237833988	0	ENSG00000198626	RYR2
NR4A2_Medium	chr1	237480131	237480531	Promoter (9-10kb)	1	237471119	237471191	9012	ENSG00000266262	MIR4428
NR4A2_Medium	chr1	237837323	237837723	Promoter (7-8kb)	1	237830032	237832702	7291	ENSG00000198626	RYR2
NR4A2_Medium	chr1	242439814	242440214	Promoter (9-10kb)	1	242265337	242449425	9211	ENSG00000180287	PLD5
NR4A2_Medium	chr1	244609499	244609899	Promoter (7-8kb)	1	244617590	244636746	-7691	ENSG00000179397	CATSPERE
NR4A2_Medium	chr1	244663202	244663602	Promoter (9-1						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr2	2332140	2332540	Promoter (<=1kb)	2	2302965	2331664	-476	ENSG00000186487	MYT1L
NR4A2_Medium	chr2	3560231	3560631	Promoter (1-2kb)	2	3558628	3561734	1603	ENSG00000234171	RNASEH1-AS1
NR4A2_Medium	chr2	7387982	7388382	Promoter (4-5kb)	2	7383227	7429427	4755	ENSG00000229727	LOC100506274
NR4A2_Medium	chr2	9613221	9613621	Promoter (7-8kb)	2	9585081	9620701	7080	ENSG00000134308	YWHAQ
NR4A2_Medium	chr2	9953990	9954390	Promoter (2-3kb)	2	9951782	10000832	2208	ENSG00000134317	GRHL1
NR4A2_Medium	chr2	10137980	10138380	Promoter (3-4kb)	2	10141382	10211725	-3002	NA	NA
NR4A2_Medium	chr2	10190102	10190502	Promoter (2-3kb)	2	10192614	10192671	2169	ENSG00000265418	MIR4261
NR4A2_Medium	chr2	10312345	10312745	Promoter (8-9kb)	2	10303700	10427617	8645	ENSG00000115756	HPCAL1
NR4A2_Medium	chr2	10324274	10324674	Promoter (<=1kb)	2	10324347	10427352	0	ENSG00000115756	HPCAL1
NR4A2_Medium	chr2	10429678	10430078	Promoter (9-10kb)	2	10420021	10427000	9657	ENSG00000115756	HPCAL1
NR4A2_Medium	chr2	11539227	11539627	Promoter (<=1kb)	2	11539843	11588243	-216	ENSG00000196208	GREB1
NR4A2_Medium	chr2	15246775	15247175	Promoter (8-9kb)	2	15166914	15238686	-8089	ENSG00000151779	NBAS
NR4A2_Medium	chr2	17747203	17747603	Promoter (<=1kb)	2	17716750	17746412	-791	ENSG00000163029	SMC6
NR4A2_Medium	chr2	17875820	17876220	Promoter (1-2kb)	2	17877847	17932954	-1627	ENSG00000170745	KCNS3
NR4A2_Medium	chr2	20218322	20218722	Promoter (4-5kb)	2	20204002	20223388	4666	ENSG00000115884	SDC1
NR4A2_Medium	chr2	20340423	20340823	Promoter (9-10kb)	2	20312299	20350301	9478	ENSG00000055917	PUM2
NR4A2_Medium	chr2	20594925	20595325	Promoter (2-3kb)	2	20590775	20592548	-2377	ENSG00000231948	HS1BP3-IT1
NR4A2_Medium	chr2	20657308	20657708	Promoter (6-7kb)	2	20612297	20651130	-6178	ENSG00000118960	HS1BP3
NR4A2_Medium	chr2	22545215	22545615	Promoter (8-9kb)	2	22536412	22548800	8803	ENSG00000233587	LINC01884
NR4A2_Medium	chr2	23932618	23933018	Promoter (5-6kb)	2	23927312	24000203	5306	ENSG00000173960	UBXN2A
NR4A2_Medium	chr2	23977341	23977741	Promoter (5-6kb)	2	23971364	23977320	5977	ENSG00000173960	UBXN2A
NR4A2_Medium	chr2	24045431	24045831	Promoter (1-2kb)	2	24029347	24047361	1530	ENSG00000163026	WDCP
NR4A2_Medium	chr2	24357810	24358210	Promoter (2-3kb)	2	24202864	24360309	2099	ENSG00000198399	ITSN2
NR4A2_Medium	chr2	24709120	24709520	Promoter (1-2kb)	2	24707727	24711483	1393	ENSG00000084676	NCOA1
NR4A2_Medium	chr2	24760074	24760474	Promoter (7-8kb)	2	24767771	24768388	-7297	ENSG00000084676	NCOA1
NR4A2_Medium	chr2	24787207	24787607	Promoter (3-4kb)	2	24790263	24791606	3999	ENSG00000184924	PTRHD1
NR4A2_Medium	chr2	24839994	24840394	Promoter (<=1kb)	2	24834926	24840603	209	ENSG00000138031	ADCY3
NR4A2_Medium	chr2	25233251	25233651	Promoter (8-9kb)	2	25236974	25242015	8364	ENSG00000119772	DNMT3A
NR4A2_Medium	chr2	25234948	25235348	Promoter (6-7kb)	2	25236974	25242015	6667	ENSG00000119772	DNMT3A
NR4A2_Medium	chr2	26028924	26029324	Promoter (4-5kb)	2	26034084	26137454	-4760	ENSG00000084733	RAB10
NR4A2_Medium	chr2	26348447	26348847	Promoter (1-2kb)	2	26308512	26346817	-1630	ENSG00000173567	ADGRF3
NR4A2_Medium	chr2	26487751	26488151	Promoter (9-10kb)	2	26457203	26478042	-9709	ENSG00000115155	OTOF
NR4A2_Medium	chr2	26622684	26623084	Promoter (<=1kb)	2	26581340	26623627	543	ENSG00000157884	CIB4
NR4A2_Medium	chr2	26700341	26700741	Promoter (7-8kb)	2	26692722	26733420	7619	ENSG00000171303	KCNK3
NR4A2_Medium	chr2	27046143	27046543	Promoter (3-4kb)	2	27042364	27053154	3779	ENSG00000084693	AGBL5
NR4A2_Medium	chr2	27224335	27224735	Promoter (1-2kb)	2	27226224	27231572	-1489	ENSG00000084774	CAD
NR4A2_Medium	chr2	27345987	27346387	Promoter (2-3kb)	2	27333605	27343632	-2355	ENSG00000115207	GTF3C2
NR4A2_Medium	chr2	27368047	27368447	Promoter (<=1kb)	2	27366763	27368727	280	ENSG00000115211	EIF2B4
NR4A2_Medium	chr2	27415338	27415738	Promoter (5-6kb)	2	27381199	27409591	-5747	ENSG00000115241	PPM1G
NR4A2_Medium	chr2	27504819	27505219	Promoter (1-2kb)	2	27506510	27509791	-1291	ENSG00000084734	GCKR
NR4A2_Medium	chr2	27836890	27837290	Promoter (5-6kb)	2	27809687	27843161	5871	ENSG00000171174	RBKS
NR4A2_Medium	chr2	28562939	28563339	Promoter (3-4kb)	2	28566443	28578147	-3104	ENSG00000163803	PLB1
NR4A2_Medium	chr2	29220172	29220572	Promoter (2-3kb)	2	29220870	29223394	2822	ENSG00000171094	ALK
NR4A2_Medium	chr2	30231515	30231915	Promoter (<=1kb)	2	30231534	30260028	0	ENSG00000213626	LBH
NR4A2_Medium	chr2	31374556	31374956	Promoter (9-10kb)	2	31383082	31384395	9439	ENSG00000158125	XDH
NR4A2_Medium	chr2	31802952	31803352	Promoter (<=1kb)	2	31793823	31803980	628	ENSG00000223647	LINC01946
NR4A2_Medium	chr2	33131093	33131493	Promoter (2-3kb)	2	33134406	33188676	-2913	ENSG00000049323	LTPB1
NR4A2_Medium	chr2	33546774	33547174	Promoter (7-8kb)	2	33539651	33543627	7123	ENSG00000152689	RASGRP3
NR4A2_Medium	chr2	33556150	33556550	Promoter (6-7kb)	2	33555047	33563547	6997	NA	RASGRP3-AS1
NR4A2_Medium	chr2	36646361	36646761	Promoter (<=1kb)	2	36555688	36646087	-274	ENSG00000171055	FEZ2
NR4A2_Medium	chr2	36900845	36901245	Promoter (1-2kb)	2	36869703	36902928	1683	ENSG00000115808	STRN
NR4A2_Medium	chr2	37152558	37152958	Promoter (3-4kb)	2	37101935	37148988	-3570	ENSG00000055332	EIF2AK2
NR4A2_Medium	chr2	37653411	37653811	Promoter (5-6kb)	2	37646546	37647658	-5753	ENSG00000163171	CDC42EP3
NR4A2_Medium	chr2	37942125	37942525	Promoter (7-8kb)	2	37950432	38017558	-7907	ENSG00000115841	RMDN2
NR4A2_Medium	chr2	37943363	37943763	Promoter (6-7kb)	2	37950432	38017558	-6669	ENSG00000115841	RMDN2
NR4A2_Medium	chr2	38519617	38520017	Promoter (3-4kb)	2	38458637	38515934	-3683	ENSG00000231367	LINC02613
NR4A2_Medium	chr2	38572516	38572916	Promoter (2-3kb)	2	38568079	38569836	-2680	ENSG00000143889	HNRNPLL
NR4A2_Medium	chr2	38799502	38799902	Promoter (3-4kb)	2	38798352	38803023	3121	ENSG00000163214	DHX57
NR4A2_Medium	chr2	38803027	38803427	Promoter (<=1kb)	2	38798352	38803023	-4	ENSG00000163214	DHX57
NR4A2_Medium	chr2	38955153	38955553	Promoter (2-3kb)	2	38957910	38973943	-2357	ENSG00000214694	ARHGFEF33
NR4A2_Medium	chr2	39134247	39134647	Promoter (9-10kb)	2	39056733	39124345	-9902	ENSG00000115904	SOS1
NR4A2_Medium	chr2	39187850	39188250	Promoter (<=1kb)	2	39175646	39187707	-143	ENSG00000205111	CDKL4
NR4A2_Medium	chr2	40220891	40221291	Promoter (<=1kb)	2	40220143	40254763	748	ENSG00000227028	SLC8A1-AS1
NR4A2_Medium	chr2	40447775	40448175	Promoter (3-4kb)	2	40430061	40452008	3833	ENSG00000183023	SC8A1
NR4A2_Medium	chr2	41946234	41946634	Promoter (6-7kb)	2	41938603	41953295	6661	ENSG00000205086	C2orf91
NR4A2_Medium	chr2	42174787	42175187	Promoter (4-5kb)	2	42169446	42170301	-4486	NA	EML4-AS1
NR4A2_Medium	chr2	42388359	42388759	Promoter (<=1kb)	2	42350941	42388507	0	ENSG00000115944	COX7A2L
NR4A2_Medium	chr2	42560361	42560761	Promoter (7-8kb)	2	42568045	42756947	-7284	ENSG00000057935	MTA3
NR4A2_Medium	chr2	42654591	42654991	Promoter (4-5kb)	2	42659520	42682706	-4529	ENSG00000057935	MTA3
NR4A2_Medium	chr2	42760918	42761318	Promoter (2-3kb)	2	42762481	42764261	2943	ENSG00000162881	OXER1
NR4A2_Medium	chr2	43219089	43219489	Promoter (7-8kb)	2	43222402	43226606	7117	ENSG00000152518	ZFP36L2
NR4A2_Medium	chr2	43466427	43466827	Promoter (3-4kb)	2	43344157	43463259	-3168	ENSG00000115970	THADA
NR4A2_Medium	chr2	43550078	43550478	Promoter (8-9kb)	2	43505718	43541303	-8775	ENSG00000115970	THADA
NR4A2_Medium	chr2	44933730	44934130	Promoter (1-2kb)	2	44929977	44935359	1229	ENSG00000259439	LINC01833
NR4A2_Medium	chr2	45672122	45672522	Promoter (3-4kb)	2	45675619	45980356	-3097	ENSG00000171132	PRKCE
NR4A2_Medium	chr2	46442349	46442749	Promoter (5-6kb)	2	46436473	46441832	5876	ENSG00000187600	LINC02583
NR4A2_Medium	chr2	47177179	47177579	Promoter (<=1kb)	2	47160170	47176921	-258	ENSG00000143933	CALM2
NR4A2_Medium	chr2	47569128	47569528	Promoter (<=1kb)	2	47543344	47570315	787	ENSG00000184261	KCNK12
NR4A2_Medium	chr2	48615269	48615669	Promoter (2-3kb)	2	48617798	48646660	-2129	ENSG00000242441	GTF2A1L
NR4A2_Medium	chr2	50411282	50411682	Promoter (5-6kb)	2	49921995	50417255	5573	ENSG00000179915	NRXN1
NR4A2_Medium	chr2	50515259	50515659	Promoter (8-9kb)	2	50497671	50506940	-8319	ENSG00000179915	NRXN1
NR4A2_Medium	chr2	53789375	53789775	Promoter (1-2kb)	2	53756871	53787610	-1765	ENSG00000115239	GPR75-ASB3
NR4A2_Medium	chr2	54328015	54328415	Promoter (1-2kb)	2	54330034	54360350	-1619	ENSG00000177994	C2orf73
NR4A2_Medium	chr2	56090233	56090633	Promoter (<=1kb)	2	56077417	56090382	0	NA	LINC01813
NR4A2_Medium	chr2	60482505	60482905	Promoter (1-2kb)	2	60452649	60484465	1560	ENSG00000119866	BCL11A
NR4A2_Medium	chr2	60553198	60553598	Promoter (<=1kb)	2	60451146	60553571	0	ENSG00000119866	BCL11A
NR4A2_Medium	chr2	61079684	61080084	Promoter (8-9kb)	2	61071658	61075173	8026	ENSG00000162929	KIAA1841
NR4A2_Medium	chr2	61353838	61354238	Promoter (5-6kb)	2	61339575	61348028	-5810	ENSG00000115464	USP34
NR4A2_Medium	chr2	61863103	61863503	Promoter (8-9kb)	2	61824856	61854143	-8960	ENSG00000170264	FAM161A
NR4A2_Medium	chr2	63615591	63615991	Promoter (9-10kb)	2	63605810	63607194	9781	ENSG00000014641	MDH1
NR4A2_Medium	chr2	63925109	63925509	Promoter (5-6kb)	2	63893072	63919930	-5179	ENSG00000143952	VPS54
NR4A2_Medium	chr2	64020941	64021341	Promoter (1-2kb)	2	63892150	64019428	-1513	ENSG00000143952	VPS54
NR4A2_Medium	chr2	65068297	65068697	Promoter (2-3kb)	2	65070729	65074484	-2032	ENSG00000011523	CEP68
NR4A2_Medium	chr2	65432017	65432417	Promoter (<=1kb)	2	65310851	65432599	182	ENSG00000198369	SPRED2
NR4A2_Medium	chr2	66499469	66499869	Promoter (3-4kb)	2	66496026	66571251	3443	ENSG00000143995	MEIS1
NR4A2_Medium	chr2	67834815	67835215	Promoter (9-10kb)	2	67796054	67825562			



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr2	72157688	72158088	Promoter (9-10kb)	2	72129238	72148038	-9650	ENSG00000003137	CYP26B1
NR4A2_Medium	chr2	72985117	72985517	Promoter (2-3kb)	2	72944740	72988348	2831	ENSG00000144040	SFXN5
NR4A2_Medium	chr2	73014265	73014665	Promoter (6-7kb)	2	72968447	73020839	6174	ENSG00000144040	SFXN5
NR4A2_Medium	chr2	73380715	73381115	Promoter (4-5kb)	2	73385758	73609715	-4643	ENSG00000116127	ALMS1
NR4A2_Medium	chr2	73457780	73458180	Promoter (1-2kb)	2	73456764	73459482	1016	ENSG00000230002	ALMS1-IT1
NR4A2_Medium	chr2	73646692	73647092	Promoter (1-2kb)	2	73644919	73685576	1773	ENSG00000163016	ALMS1P1
NR4A2_Medium	chr2	74173180	74173580	Promoter (4-5kb)	2	74159109	74178314	4734	ENSG00000114978	MOB1A
NR4A2_Medium	chr2	74478976	74479376	Promoter (1-2kb)	2	74475336	74481257	1881	ENSG00000135637	CCDC142
NR4A2_Medium	chr2	74491083	74491483	Promoter (<=1kb)	2	74491570	74492813	-87	ENSG00000115282	TTC31
NR4A2_Medium	chr2	74656604	74657004	Promoter (2-3kb)	2	74654362	74680746	2242	ENSG00000135622	SEMA4F
NR4A2_Medium	chr2	74920225	74920625	Promoter (2-3kb)	2	74918148	74932794	2077	ENSG00000204792	LINC01291
NR4A2_Medium	chr2	79084581	79084981	Promoter (1-2kb)	2	79085030	79086847	1866	ENSG00000172023	REG1B
NR4A2_Medium	chr2	79864615	79865015	Promoter (1-2kb)	2	79866495	79866583	1568	ENSG00000276917	MIR8080
NR4A2_Medium	chr2	84913198	84913598	Promoter (6-7kb)	2	84870589	84907008	-6190	ENSG00000186854	TRABD2A
NR4A2_Medium	chr2	85382782	85383182	Promoter (5-6kb)	2	85376882	85390995	5900	ENSG00000115459	ELMOD3
NR4A2_Medium	chr2	85395316	85395716	Promoter (2-3kb)	2	85394895	85398352	2636	ENSG00000042493	CAPG
NR4A2_Medium	chr2	86034317	86034717	Promoter (2-3kb)	2	86031421	86037070	2353	ENSG00000068654	POLR1A
NR4A2_Medium	chr2	86765434	86765834	Promoter (<=1kb)	2	86765513	86773425	0	ENSG00000153561	RMND5A
NR4A2_Medium	chr2	88514506	88514906	Promoter (9-10kb)	2	88524649	88529585	-9743	ENSG00000172073	TEX37
NR4A2_Medium	chr2	91782889	91783289	Promoter (6-7kb)	2	91775944	91781169	6945	NA	GGT8P
NR4A2_Medium	chr2	94217115	94217515	Promoter (8-9kb)	2	94195806	94208379	-8736	NA	BMS1P14
NR4A2_Medium	chr2	94860020	94860420	Promoter (2-3kb)	2	94791103	94857282	-2738	ENSG00000229089	ANKRD20A8P
NR4A2_Medium	chr2	95168021	95168421	Promoter (2-3kb)	2	95165817	95182171	2204	ENSG00000275111	ZNF2
NR4A2_Medium	chr2	95275969	95276369	Promoter (<=1kb)	2	95274979	95276092	990	ENSG00000155066	PROM2
NR4A2_Medium	chr2	95279087	95279487	Promoter (<=1kb)	2	95279866	95286539	-379	ENSG00000155066	PROM2
NR4A2_Medium	chr2	95296963	95297363	Promoter (<=1kb)	2	95297327	95299120	0	ENSG00000115041	KCNIP3
NR4A2_Medium	chr2	96108683	96109083	Promoter (7-8kb)	2	96112876	96116571	7488	ENSG00000274286	ADRA2B
NR4A2_Medium	chr2	96340562	96340962	Promoter (4-5kb)	2	96335818	96373815	4744	ENSG00000121152	NCAPH
NR4A2_Medium	chr2	96669431	96669831	Promoter (<=1kb)	2	96670218	96704885	-387	ENSG00000249715	FER1L5
NR4A2_Medium	chr2	97659580	97659980	Promoter (<=1kb)	2	97658814	97659891	0	ENSG00000115073	ACTR1B
NR4A2_Medium	chr2	97661684	97662084	Promoter (1-2kb)	2	97658814	97659891	-1793	ENSG00000115073	ACTR1B
NR4A2_Medium	chr2	97673160	97673560	Promoter (<=1kb)	2	97674203	97675928	-643	ENSG00000228486	C2orf92
NR4A2_Medium	chr2	97721442	97721842	Promoter (2-3kb)	2	97724461	97739862	-2619	ENSG00000115085	ZAP70
NR4A2_Medium	chr2	97986269	97986669	Promoter (8-9kb)	2	97814349	97995544	8875	ENSG00000075568	TMEM131
NR4A2_Medium	chr2	98451834	98452234	Promoter (6-7kb)	2	98444950	98581821	6884	ENSG00000040933	INPP4A
NR4A2_Medium	chr2	98716298	98716698	Promoter (9-10kb)	2	98619106	98726696	9998	ENSG00000071073	MGAT4A
NR4A2_Medium	chr2	98725406	98725806	Promoter (<=1kb)	2	98619106	98726696	890	ENSG00000071073	MGAT4A
NR4A2_Medium	chr2	100016256	100016656	Promoter (8-9kb)	2	100006149	100007951	-8305	ENSG00000144218	AFF3
NR4A2_Medium	chr2	100306553	100306953	Promoter (2-3kb)	2	100283542	100309505	2552	ENSG00000170500	LONRF2
NR4A2_Medium	chr2	100605021	100605421	Promoter (1-2kb)	2	100603768	100609358	1253	ENSG00000234988	LINC01849
NR4A2_Medium	chr2	100919228	100919628	Promoter (5-6kb)	2	100925146	100964176	-5518	ENSG00000170485	NPAS2
NR4A2_Medium	chr2	101111529	101111929	Promoter (1-2kb)	2	101059452	101109963	-1566	ENSG00000204634	TBC1D8
NR4A2_Medium	chr2	102438269	102438669	Promoter (5-6kb)	2	102432289	102432366	5980	ENSG00000264764	MIR4772
NR4A2_Medium	chr2	105106379	105106779	Promoter (3-4kb)	2	105097052	105103036	-3343	ENSG00000231851	MRPS9-AS1
NR4A2_Medium	chr2	106067611	106068011	Promoter (1-2kb)	2	106065800	106077900	1811	ENSG00000119147	ECRG4
NR4A2_Medium	chr2	106483959	106484359	Promoter (3-4kb)	2	106487364	106511095	-3005	ENSG00000254126	CD8B2
NR4A2_Medium	chr2	108255107	108255507	Promoter (7-8kb)	2	108247195	108265351	7912	ENSG00000196228	SULT1C3
NR4A2_Medium	chr2	108715671	108716071	Promoter (3-4kb)	2	108719482	108785809	-3411	ENSG00000153201	RANBP2
NR4A2_Medium	chr2	110214980	110215380	Promoter (2-3kb)	2	110211530	110212823	-2157	ENSG00000175701	MTLN
NR4A2_Medium	chr2	110724628	110725028	Promoter (7-8kb)	2	110732573	111094344	-7545	ENSG00000153093	ACOXL
NR4A2_Medium	chr2	110956467	110956867	Promoter (6-7kb)	2	110963624	111101251	-6757	ENSG00000153093	ACOXL
NR4A2_Medium	chr2	111119815	111120215	Promoter (<=1kb)	2	111119378	111124112	437	ENSG00000153094	BCL2L11
NR4A2_Medium	chr2	111124412	111124812	Promoter (<=1kb)	2	111123752	111146284	660	ENSG00000153094	BCL2L11
NR4A2_Medium	chr2	111359545	111359945	Promoter (5-6kb)	2	111196368	111365563	5618	ENSG00000172965	MIR4435-2HG
NR4A2_Medium	chr2	112431117	112431517	Promoter (2-3kb)	2	112417777	112433519	2002	ENSG00000015568	RGPD5
NR4A2_Medium	chr2	112792083	112792483	Promoter (7-8kb)	2	112773915	112784590	-7493	ENSG00000115008	IL1A
NR4A2_Medium	chr2	113275021	113275421	Promoter (3-4kb)	2	113241551	113278898	3477	ENSG00000125618	PAX8
NR4A2_Medium	chr2	113763381	113763781	Promoter (6-7kb)	2	113714353	113756693	-6688	ENSG00000115084	SLC35F5
NR4A2_Medium	chr2	113844883	113845283	Promoter (1-2kb)	2	113831188	113843356	-1527	NA	ACTR3-AS1
NR4A2_Medium	chr2	113850837	113851237	Promoter (7-8kb)	2	113831188	113843356	-7481	NA	ACTR3-AS1
NR4A2_Medium	chr2	115229419	115229819	Promoter (4-5kb)	2	115234456	115525972	-4637	ENSG00000175497	DPP10
NR4A2_Medium	chr2	117938109	117938509	Promoter (1-2kb)	2	117935498	117936901	-1208	ENSG00000125633	CCDC93
NR4A2_Medium	chr2	118221181	118221581	Promoter (<=1kb)	2	118182939	118222250	669	ENSG00000226856	THORLNC
NR4A2_Medium	chr2	121294248	121294648	Promoter (9-10kb)	2	121216587	121285202	-9046	ENSG00000115112	TFCP2L1
NR4A2_Medium	chr2	127211942	127212342	Promoter (6-7kb)	2	127184120	127205767	-6175	ENSG00000186684	CYP27C1
NR4A2_Medium	chr2	127510109	127510509	Promoter (4-5kb)	2	127505307	127514937	4428	ENSG00000163166	IWS1
NR4A2_Medium	chr2	128094398	128094798	Promoter (3-4kb)	2	128091211	128191428	3187	ENSG00000136731	UGGT1
NR4A2_Medium	chr2	128284331	128284731	Promoter (5-6kb)	2	128268690	128290196	5465	ENSG00000136720	HS6ST1
NR4A2_Medium	chr2	128298025	128298425	Promoter (7-8kb)	2	128268690	128290196	-7829	ENSG00000136720	HS6ST1
NR4A2_Medium	chr2	129281050	129281450	Promoter (7-8kb)	2	129242173	129273848	-7202	ENSG00000204460	LINC01854
NR4A2_Medium	chr2	129914296	129914696	Promoter (8-9kb)	2	129923177	129946703	-8481	ENSG00000237574	LINC01856
NR4A2_Medium	chr2	129916918	129917318	Promoter (5-6kb)	2	129923177	129946703	-5859	ENSG00000237574	LINC01856
NR4A2_Medium	chr2	129940167	129940567	Promoter (5-6kb)	2	129922863	129934317	-5850	ENSG00000214100	PLAC9P1
NR4A2_Medium	chr2	130127751	130128151	Promoter (1-2kb)	2	130073535	130129222	1071	ENSG00000196604	POTEF
NR4A2_Medium	chr2	130758241	130758641	Promoter (1-2kb)	2	130756291	130768134	1950	ENSG00000178171	AMER3
NR4A2_Medium	chr2	131099340	131099740	Promoter (5-6kb)	2	131104847	131147797	-5107	ENSG00000115762	PLEKHB2
NR4A2_Medium	chr2	132266283	132266683	Promoter (8-9kb)	2	132147591	132257969	-8314	ENSG00000163046	ANKRD30BL
NR4A2_Medium	chr2	132267244	132267644	Promoter (9-10kb)	2	132147591	132257969	-9275	ENSG00000163046	ANKRD30BL
NR4A2_Medium	chr2	135609771	135610171	Promoter (4-5kb)	2	135604856	135636183	4915	ENSG00000048991	R3HDM1
NR4A2_Medium	chr2	135768365	135768765	Promoter (3-4kb)	2	135772447	135780221	-3682	ENSG00000144224	UBXN4
NR4A2_Medium	chr2	136007058	136007458	Promoter (6-7kb)	2	136000429	136007748	6629	ENSG00000231890	DARS1-AS1
NR4A2_Medium	chr2	136757458	136757858	Promoter (7-8kb)	2	136765545	137056515	-7687	ENSG00000144229	THSD7B
NR4A2_Medium	chr2	136892154	136892554	Promoter (9-10kb)	2	136882179	137677717	9975	ENSG00000144229	THSD7B
NR4A2_Medium	chr2	138093713	138094113	Promoter (7-8kb)	2	138101878	138107178	-7765	NA	LINC01832
NR4A2_Medium	chr2	138895664	138896064	Promoter (1-2kb)	2	138897151	138898098	-1087	NA	YY1P2
NR4A2_Medium	chr2	142920040	142920440	Promoter (1-2kb)	2	142918679	142967494	1361	ENSG00000115919	KYNU
NR4A2_Medium	chr2	144146932	144147332	Promoter (1-2kb)	2	144007334	144145905	-1027	ENSG00000121964	GTDC1
NR4A2_Medium	chr2	144169231	144169631	Promoter (7-8kb)	2	143946016	144177217	7586	ENSG00000121964	GTDC1
NR4A2_Medium	chr2	144202775	144203175	Promoter (8-9kb)	2	143946016	144211579	8404	ENSG00000121964	GTDC1
NR4A2_Medium	chr2	144399877	144400277	Promoter (1-2kb)	2	144388662	144398318	-1559	ENSG00000169554	ZEB2
NR4A2_Medium	chr2	146578224	146578624	Promoter (8-9kb)	2	146587506	146589310	-8882	NA	PABPC1P2
NR4A2_Medium	chr2	150484448	150484848	Promoter (<=1kb)	2	150468209	150485382	534	ENSG00000115963	RND3
NR4A2_Medium	chr2	151513510	151513910	Promoter (<=1kb)	2	151496305	151513606	0	ENSG00000183091	NEB
NR4A2_Medium	chr2	151578565	151578965	Promoter (4-5kb)	2	151485341	151583619	4654	ENSG000001830	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr2	165778005	165778405	Promoter (6-7kb)	2	165770666	165771691	-6314	ENSG00000115339	GALNT3
NR4A2_Medium	chr2	166143186	166143586	Promoter (5-6kb)	2	165984641	166149135	5549	ENSG00000144285	SCN1A
NR4A2_Medium	chr2	166211365	166211765	Promoter (6-7kb)	2	166198299	166205239	-6126	ENSG00000169432	SCN9A
NR4A2_Medium	chr2	166476697	166477097	Promoter (9-10kb)	2	166405513	166486968	9871	ENSG00000136546	SCN7A
NR4A2_Medium	chr2	166883579	166883979	Promoter (4-5kb)	2	166888487	167259749	-4508	ENSG00000163092	XIRP2
NR4A2_Medium	chr2	169077870	169078270	Promoter (2-3kb)	2	169081107	169096167	-2837	ENSG00000073737	DHRS9
NR4A2_Medium	chr2	169542833	169543233	Promoter (2-3kb)	2	169529793	169540124	-2709	ENSG00000138399	FASTKD1
NR4A2_Medium	chr2	169560221	169560621	Promoter (2-3kb)	2	169560271	169563390	2769	ENSG00000138399	FASTKD1
NR4A2_Medium	chr2	169595684	169596084	Promoter (7-8kb)	2	169604040	169630815	-7956	ENSG00000138398	PPIG
NR4A2_Medium	chr2	169941120	169941520	Promoter (4-5kb)	2	169946310	170084120	-4790	ENSG00000144357	UBR3
NR4A2_Medium	chr2	170349535	170349935	Promoter (<=1kb)	2	170341154	170350343	408	ENSG00000231898	MYO3B-AS1
NR4A2_Medium	chr2	171337576	171337976	Promoter (1-2kb)	2	171323998	171339213	1237	ENSG00000123600	METTL8
NR4A2_Medium	chr2	171733086	171733486	Promoter (6-7kb)	2	171726558	171748407	6528	ENSG00000077380	DYNC112
NR4A2_Medium	chr2	172015976	172016376	Promoter (5-6kb)	2	172021799	172063750	-5423	ENSG00000172878	METAP1D
NR4A2_Medium	chr2	172821535	172821935	Promoter (<=1kb)	2	172821575	173052893	0	ENSG00000091428	RAPGEF4
NR4A2_Medium	chr2	173349873	173350273	Promoter (4-5kb)	2	173354820	173368904	-4547	ENSG00000144354	CDCA7
NR4A2_Medium	chr2	174319647	174320047	Promoter (5-6kb)	2	174326027	174330643	-5980	ENSG00000231453	LINC01305
NR4A2_Medium	chr2	174767119	174767519	Promoter (2-3kb)	2	174747592	174764472	-2647	ENSG00000138435	CHRNA1
NR4A2_Medium	chr2	174976746	174977146	Promoter (<=1kb)	2	174824516	174975931	-815	ENSG00000128656	CHN1
NR4A2_Medium	chr2	175106810	175107210	Promoter (7-8kb)	2	175074288	175114812	7602	ENSG00000115966	ATF2
NR4A2_Medium	chr2	176167381	176167781	Promoter (3-4kb)	2	176164077	176173102	3304	ENSG00000128652	HOXD3
NR4A2_Medium	chr2	176592618	176593018	Promoter (8-9kb)	2	176600980	176601052	8034	ENSG00000283203	MIR1246
NR4A2_Medium	chr2	177210159	177210559	Promoter (2-3kb)	2	177212563	177220085	-2004	ENSG00000170144	HNRNPA3
NR4A2_Medium	chr2	177306709	177307109	Promoter (6-7kb)	2	177313806	177313882	6773	ENSG00000278418	MIR6512
NR4A2_Medium	chr2	177331962	177332362	Promoter (8-9kb)	2	177283514	177323164	-8798	ENSG00000213963	LOC100130691
NR4A2_Medium	chr2	178772593	178772993	Promoter (<=1kb)	2	178772771	178779905	0	ENSG00000237298	LOC101927055
NR4A2_Medium	chr2	181994766	181995166	Promoter (8-9kb)	2	181986022	182129538	8744	ENSG00000150722	PPP1R1C
NR4A2_Medium	chr2	186421599	186421999	Promoter (<=1kb)	2	186033617	186422432	433	NA	LINC01473
NR4A2_Medium	chr2	186581417	186581817	Promoter (8-9kb)	2	186590056	186680901	-8239	ENSG00000138448	ITGAV
NR4A2_Medium	chr2	186675525	186675925	Promoter (6-7kb)	2	186668877	186676283	6648	ENSG00000138448	ITGAV
NR4A2_Medium	chr2	187496139	187496539	Promoter (<=1kb)	2	187483930	187496976	437	ENSG00000003436	TFPI
NR4A2_Medium	chr2	187544082	187544482	Promoter (9-10kb)	2	187496881	187554351	9869	ENSG00000003436	TFPI
NR4A2_Medium	chr2	189653675	189654075	Promoter (7-8kb)	2	189661385	189670757	-7310	ENSG00000138381	ASNSD1
NR4A2_Medium	chr2	189673675	189674075	Promoter (<=1kb)	2	189674290	189761193	-215	ENSG00000151687	ANKAR
NR4A2_Medium	chr2	189758690	189759090	Promoter (2-3kb)	2	189750534	189761663	2573	ENSG00000128694	OSGEPL1
NR4A2_Medium	chr2	189874613	189875013	Promoter (4-5kb)	2	189879627	190164051	-4614	ENSG00000187699	C2orf88
NR4A2_Medium	chr2	190334653	190335053	Promoter (8-9kb)	2	190343570	190371665	-8517	ENSG00000151689	INPP1
NR4A2_Medium	chr2	190359299	190359699	Promoter (<=1kb)	2	190360018	190363007	-319	ENSG00000151689	INPP1
NR4A2_Medium	chr2	190400135	190400535	Promoter (7-8kb)	2	190408355	190436156	-7820	ENSG00000151690	MFSD6
NR4A2_Medium	chr2	190652070	190652470	Promoter (1-2kb)	2	190653725	190659362	-1255	ENSG00000138386	NAB1
NR4A2_Medium	chr2	190975763	190976163	Promoter (<=1kb)	2	190970582	190976922	759	ENSG00000115415	STAT1
NR4A2_Medium	chr2	194726200	194726600	Promoter (3-4kb)	2	194730595	194761435	-3995	ENSG00000230173	LINC01790
NR4A2_Medium	chr2	196766840	196767240	Promoter (<=1kb)	2	196764579	196767004	0	ENSG00000119041	GTF3C3
NR4A2_Medium	chr2	196818943	196819343	Promoter (8-9kb)	2	196805002	196810276	-8667	ENSG00000187944	C2orf66
NR4A2_Medium	chr2	197509314	197509714	Promoter (5-6kb)	2	197515571	197553699	-5857	ENSG00000115540	MOB4
NR4A2_Medium	chr2	198089377	198089777	Promoter (5-6kb)	2	198083749	198149884	5628	ENSG00000115896	PLCL1
NR4A2_Medium	chr2	198092343	198092743	Promoter (8-9kb)	2	198083749	198149884	8594	ENSG00000115896	PLCL1
NR4A2_Medium	chr2	200315123	200315523	Promoter (6-7kb)	2	200308950	200482256	6173	ENSG00000196141	SPATS2L
NR4A2_Medium	chr2	200392003	200392403	Promoter (<=1kb)	2	200393077	200467378	-674	ENSG00000196141	SPATS2L
NR4A2_Medium	chr2	200504814	200505214	Promoter (4-5kb)	2	200510008	200535124	-4794	ENSG00000163535	SGO2
NR4A2_Medium	chr2	200767197	200767597	Promoter (4-5kb)	2	200762308	200794239	4889	NA	AOX3P-AOX2P
NR4A2_Medium	chr2	201791000	201791400	Promoter (<=1kb)	2	201790472	201807938	528	ENSG00000138395	CDK15
NR4A2_Medium	chr2	201846450	201846850	Promoter (7-8kb)	2	201854760	201893360	-7910	ENSG00000138395	CDK15
NR4A2_Medium	chr2	202129209	202129609	Promoter (6-7kb)	2	202135716	202197862	-6107	ENSG00000182329	KIAA2012
NR4A2_Medium	chr2	202455425	202455825	Promoter (8-9kb)	2	202464808	202560341	-8983	ENSG00000204217	BMPR2
NR4A2_Medium	chr2	202829974	202830374	Promoter (<=1kb)	2	202819605	202829234	-740	ENSG00000163596	ICA1L
NR4A2_Medium	chr2	202839117	202839517	Promoter (9-10kb)	2	202819605	202829234	-9883	ENSG00000163596	ICA1L
NR4A2_Medium	chr2	203488228	203488628	Promoter (6-7kb)	2	203439437	203495353	6725	ENSG00000173166	RAPH1
NR4A2_Medium	chr2	204974749	204975149	Promoter (9-10kb)	2	204965152	205620162	9597	ENSG00000116117	PARD3B
NR4A2_Medium	chr2	205690440	205690840	Promoter (4-5kb)	2	205685793	205697734	4647	ENSG00000118257	NRP2
NR4A2_Medium	chr2	206768456	206768856	Promoter (2-3kb)	2	206765647	206791946	2809	ENSG00000118246	FASTKD2
NR4A2_Medium	chr2	207585482	207585882	Promoter (8-9kb)	2	207576636	207597458	8846	ENSG00000118260	CREB1
NR4A2_Medium	chr2	208260757	208261157	Promoter (4-5kb)	2	208248597	208266074	4917	ENSG00000138413	IDH1
NR4A2_Medium	chr2	208296520	208296920	Promoter (1-2kb)	2	208298641	208302580	-1721	ENSG00000115020	PIKFYVE
NR4A2_Medium	chr2	208334745	208335145	Promoter (<=1kb)	2	208334372	208336865	373	ENSG00000115020	PIKFYVE
NR4A2_Medium	chr2	209420105	209420505	Promoter (3-4kb)	2	209424058	209730518	-3553	ENSG00000078018	MAP2
NR4A2_Medium	chr2	212530845	212531245	Promoter (7-8kb)	2	211619253	212538529	7284	ENSG00000178568	ERBB4
NR4A2_Medium	chr2	215314502	215314902	Promoter (2-3kb)	2	215312498	215326978	2004	ENSG00000138363	ATIC
NR4A2_Medium	chr2	215365291	215365691	Promoter (<=1kb)	2	215361341	215365676	0	ENSG00000115414	FN1
NR4A2_Medium	chr2	215368292	215368692	Promoter (1-2kb)	2	215367679	215370520	1828	ENSG00000115414	FN1
NR4A2_Medium	chr2	216364793	216365193	Promoter (7-8kb)	2	216257865	216372483	7290	ENSG00000144583	MARCHF4
NR4A2_Medium	chr2	216375029	216375429	Promoter (2-3kb)	2	216257865	216372483	-2546	ENSG00000144583	MARCHF4
NR4A2_Medium	chr2	216424926	216425326	Promoter (1-2kb)	2	216427055	216432772	-1729	ENSG00000138375	SMARCAL1
NR4A2_Medium	chr2	217266355	217266755	Promoter (4-5kb)	2	217261699	217319531	4656	NA	DIRC3-AS1
NR4A2_Medium	chr2	217840199	217840599	Promoter (1-2kb)	2	217802789	217842160	1561	ENSG00000079308	TNS1
NR4A2_Medium	chr2	217898533	217898933	Promoter (1-2kb)	2	217900513	217900628	1695	ENSG00000275458	MIR6809
NR4A2_Medium	chr2	218169127	218169527	Promoter (2-3kb)	2	218162841	218166962	-2165	ENSG00000163464	CXCR1
NR4A2_Medium	chr2	218804424	218804824	Promoter (1-2kb)	2	218805914	218813025	-1090	ENSG00000135929	CYP27A1
NR4A2_Medium	chr2	218974034	218974434	Promoter (<=1kb)	2	218975393	218977966	-959	NA	LINC00608
NR4A2_Medium	chr2	219337698	219338098	Promoter (4-5kb)	2	219327407	219333177	-4521	ENSG00000182698	RESP18
NR4A2_Medium	chr2	219432603	219433003	Promoter (1-2kb)	2	219434843	219493629	-1840	ENSG00000072195	SPEG
NR4A2_Medium	chr2	219449087	219449487	Promoter (1-2kb)	2	219450670	219466861	-1183	ENSG00000072195	SPEG
NR4A2_Medium	chr2	219618969	219619369	Promoter (4-5kb)	2	219614806	219616212	4163	ENSG00000144589	STK11IP
NR4A2_Medium	chr2	219630973	219631373	Promoter (<=1kb)	2	219631130	219633009	0	ENSG00000114923	SLC4A3
NR4A2_Medium	chr2	221581341	221581741	Promoter (7-8kb)	2	221425901	221574202	-7139	ENSG00000116106	EPHA4
NR4A2_Medium	chr2	224476448	224476848	Promoter (3-4kb)	2	224473902	224480124	3276	ENSG00000036257	CUL3
NR4A2_Medium	chr2	225390984	225391384	Promoter (8-9kb)	2	225399710	225654018	-8326	ENSG00000144460	NYAP2
NR4A2_Medium	chr2	226845947	226846347	Promoter (8-9kb)	2	226837548	226864856	8399	ENSG00000144468	RHBDD1
NR4A2_Medium	chr2	227539437	227539837	Promoter (2-3kb)	2	227536955	227554912	2482	ENSG00000173744	AGFG1
NR4A2_Medium	chr2	227822490	227822890	Promoter (7-8kb)	2	227815369	227817463	7121	ENSG00000115009	CCL20
NR4A2_Medium	chr2	229800119	229800519	Promoter (3-4kb)	2	229794861	229796732	-3387	ENSG00000153827	TRIP12
NR4A2_Medium	chr2	229921289	229921689	Promoter (<=1kb)	2	229859226	229921358	0	ENSG00000153827	TRIP12
NR4A2_Medium	chr2	230166936	230167336	Promoter (3-4kb)	2	230169128	230170915	3579</		



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr2	233788732	233789132	Promoter (7-8kb)	2	233796288	233802468	-7156	ENSG00000185038	MROH2A
NR4A2_Medium	chr2	233795442	233795842	Promoter (<=1kb)	2	233796288	233802468	-446	ENSG00000185038	MROH2A
NR4A2_Medium	chr2	233959613	233960013	Promoter (5-6kb)	2	233953709	233960924	5904	ENSG00000144481	TRPM8
NR4A2_Medium	chr2	234681399	234681799	Promoter (<=1kb)	2	234682668	234717764	-869	ENSG00000280744	LINC01173
NR4A2_Medium	chr2	236160042	236160442	Promoter (6-7kb)	2	236165734	236167329	6887	ENSG00000168505	GBX2
NR4A2_Medium	chr2	236334256	236334656	Promoter (<=1kb)	2	236324671	236333363	-893	ENSG00000132321	IQCA1
NR4A2_Medium	chr2	237545157	237545557	Promoter (<=1kb)	2	237546405	237553843	-848	ENSG00000115648	MLPH
NR4A2_Medium	chr2	237566036	237566436	Promoter (<=1kb)	2	237566574	237567175	-138	ENSG00000071677	PRLH
NR4A2_Medium	chr2	237597679	237598079	Promoter (6-7kb)	2	237574322	237591071	-6608	ENSG00000124839	RAB17
NR4A2_Medium	chr2	237757349	237757749	Promoter (1-2kb)	2	237756095	237770776	1254	ENSG00000124831	LRRFIP1
NR4A2_Medium	chr2	237759274	237759674	Promoter (3-4kb)	2	237756095	237770776	3179	ENSG00000124831	LRRFIP1
NR4A2_Medium	chr2	238118439	238118851	Promoter (8-9kb)	2	238127390	238133287	-8539	ENSG00000144488	ESPNL
NR4A2_Medium	chr2	238148246	238148646	Promoter (9-10kb)	2	238138668	238152947	9578	ENSG00000168427	KLHL30
NR4A2_Medium	chr2	239163635	239164035	Promoter (8-9kb)	2	239134349	239155575	-8060	ENSG00000068024	HDAC4
NR4A2_Medium	chr2	240023358	240023758	Promoter (1-2kb)	2	239960739	240025306	1548	ENSG00000130414	NDUFA10
NR4A2_Medium	chr2	240147499	240147899	Promoter (2-3kb)	2	240139026	240144562	-2937	ENSG00000178602	OTOS
NR4A2_Medium	chr2	240510350	240510750	Promoter (2-3kb)	2	240500524	240507809	-2541	ENSG00000144504	ANKMY1
NR4A2_Medium	chr2	240732009	240732409	Promoter (5-6kb)	2	240726838	240737542	5133	ENSG00000130294	KIF1A
NR4A2_Medium	chr2	240817061	240817461	Promoter (1-2kb)	2	240788117	240818966	1505	ENSG00000130294	KIF1A
NR4A2_Medium	chr2	240885068	240885468	Promoter (6-7kb)	2	240886048	240892035	6567	ENSG00000172478	MAB21L4
NR4A2_Medium	chr2	240898297	240898697	Promoter (2-3kb)	2	240886048	240896156	-2141	ENSG00000172478	MAB21L4
NR4A2_Medium	chr2	240950750	240951245	Promoter (1-2kb)	2	240949655	240950929	1095	ENSG00000226321	CROCC2
NR4A2_Medium	chr2	240961379	240961779	Promoter (1-2kb)	2	240959096	240959800	-1579	ENSG00000233392	UICLM
NR4A2_Medium	chr2	241038602	241039002	Promoter (1-2kb)	2	241040116	241041362	-1114	ENSG00000162804	SNED1
NR4A2_Medium	chr2	241052595	241052995	Promoter (1-2kb)	2	241051277	241052394	1318	ENSG00000162804	SNED1
NR4A2_Medium	chr2	241062411	241062811	Promoter (<=1kb)	2	241063378	241087461	-567	ENSG00000162804	SNED1
NR4A2_Medium	chr2	241097321	241097721	Promoter (1-2kb)	2	241087204	241096070	-1251	ENSG00000122085	MTERF4
NR4A2_Medium	chr2	241485359	241485780	Promoter (1-2kb)	2	241484090	241491649	1269	ENSG00000006607	FARP2
NR4A2_Medium	chr2	241488987	241489387	Promoter (<=1kb)	2	241489961	241494119	-574	ENSG00000006607	FARP2
NR4A2_Medium	chr2	241516701	241517101	Promoter (6-7kb)	2	241500143	241509730	-6971	ENSG00000115694	STK25
NR4A2_Medium	chr2	241655941	241656341	Promoter (2-3kb)	2	241653467	241666769	2474	ENSG00000168397	ATG4B
NR4A2_Medium	chr2	241657114	241657514	Promoter (3-4kb)	2	241653467	241666769	3647	ENSG00000168397	ATG4B
NR4A2_Medium	chr2	241671594	241671994	Promoter (1-2kb)	2	241670561	241671917	1033	ENSG00000168397	ATG4B
NR4A2_Medium	chr2	241679645	241680045	Promoter (5-6kb)	2	241676178	241685877	5832	ENSG00000168393	DTYMK
NR4A2_Medium	chr3	2736641	2737041	Promoter (<=1kb)	3	2735873	2745627	768	ENSG00000144619	CNTN4
NR4A2_Medium	chr3	3032882	3033282	Promoter (6-7kb)	3	3039624	3057953	-6342	ENSG00000144619	CNTN4
NR4A2_Medium	chr3	5182342	5182742	Promoter (4-5kb)	3	5187646	5208172	-4904	ENSG00000134109	EDEM1
NR4A2_Medium	chr3	6863104	6863504	Promoter (<=1kb)	3	6862743	7306652	361	ENSG00000196277	GRM7
NR4A2_Medium	chr3	7289546	7289946	Promoter (8-9kb)	3	7298577	7415164	-8631	ENSG00000196277	GRM7
NR4A2_Medium	chr3	8013638	8014038	Promoter (2-3kb)	3	7952805	8016307	2269	ENSG00000227110	LOC101927394
NR4A2_Medium	chr3	8915948	8916348	Promoter (3-4kb)	3	8881420	8912469	-3479	ENSG00000070950	RAD18
NR4A2_Medium	chr3	9801971	9802371	Promoter (4-5kb)	3	9797658	9813038	4313	ENSG00000241553	ARPC4
NR4A2_Medium	chr3	10496708	10497108	Promoter (8-9kb)	3	10326275	10505531	8423	ENSG00000157087	ATP2B2
NR4A2_Medium	chr3	10709011	10709411	Promoter (1-2kb)	3	10328008	10708007	-1004	ENSG00000157087	ATP2B2
NR4A2_Medium	chr3	10992098	10992498	Promoter (<=1kb)	3	10992186	11039174	0	ENSG00000157103	SLC6A1
NR4A2_Medium	chr3	11284983	11285383	Promoter (7-8kb)	3	11277219	11309028	7764	ENSG00000197548	ATG7
NR4A2_Medium	chr3	11800732	11801132	Promoter (8-9kb)	3	11790442	11810059	8927	ENSG00000144559	TAMM41
NR4A2_Medium	chr3	12291385	12291785	Promoter (2-3kb)	3	12289111	12406846	2274	ENSG00000132170	PPARG
NR4A2_Medium	chr3	12850254	12850654	Promoter (8-9kb)	3	12834946	12841582	-8672	ENSG00000144713	RPL32
NR4A2_Medium	chr3	13071546	13071946	Promoter (1-2kb)	3	12897043	13073429	1483	ENSG00000144711	IQSEC1
NR4A2_Medium	chr3	13354818	13355218	Promoter (<=1kb)	3	13351661	13354694	-124	ENSG00000132182	NUP210
NR4A2_Medium	chr3	13410577	13410977	Promoter (9-10kb)	3	13351663	13420309	9332	ENSG00000132182	NUP210
NR4A2_Medium	chr3	13490515	13490915	Promoter (5-6kb)	3	13496588	13504113	-5673	ENSG00000163517	HDAC11
NR4A2_Medium	chr3	13609493	13609893	Promoter (4-5kb)	3	13613898	13618993	-4005	ENSG00000163520	FBLN2
NR4A2_Medium	chr3	13868571	13869190	Promoter (5-6kb)	3	13863668	13875113	5923	ENSG00000154764	WNT7A
NR4A2_Medium	chr3	14510536	14510936	Promoter (2-3kb)	3	14491170	14513678	2742	ENSG00000144596	GRIP2
NR4A2_Medium	chr3	15061275	15061675	Promoter (3-4kb)	3	15049212	15065260	3585	ENSG00000131368	MRPS25
NR4A2_Medium	chr3	15247909	15248309	Promoter (<=1kb)	3	15247237	15251302	672	ENSG00000131375	CAPN7
NR4A2_Medium	chr3	15260671	15261071	Promoter (2-3kb)	3	15258228	15264496	2443	ENSG00000224660	SH3BP5-AS1
NR4A2_Medium	chr3	15351147	15351547	Promoter (9-10kb)	3	15255650	15341368	-9779	ENSG00000131370	SH3BP5
NR4A2_Medium	chr3	15682591	15682991	Promoter (3-4kb)	3	15679301	15686453	3462	ENSG00000206560	ANKRD28
NR4A2_Medium	chr3	16504921	16505321	Promoter (7-8kb)	3	16378095	16512904	7583	ENSG00000131378	RFTN1
NR4A2_Medium	chr3	17620262	17620662	Promoter (3-4kb)	3	17508474	17623913	3251	ENSG00000131374	TBC1D5
NR4A2_Medium	chr3	18344458	18344858	Promoter (6-7kb)	3	18349541	18351531	6673	ENSG00000182568	SATB1
NR4A2_Medium	chr3	19322468	19322868	Promoter (7-8kb)	3	19314848	19314931	-7537	ENSG00000271898	MIR4791
NR4A2_Medium	chr3	20040789	20041189	Promoter (<=1kb)	3	20040698	20101113	91	ENSG00000114166	KAT2B
NR4A2_Medium	chr3	20043621	20044021	Promoter (2-3kb)	3	20040698	20101113	2923	ENSG00000114166	KAT2B
NR4A2_Medium	chr3	21425459	21425859	Promoter (5-6kb)	3	21421379	21431124	5265	ENSG00000151789	ZNF385D
NR4A2_Medium	chr3	21952302	21952702	Promoter (4-5kb)	3	21957136	21979828	-4434	ENSG00000223351	ZNF385D-AS2
NR4A2_Medium	chr3	23921377	23921777	Promoter (3-4kb)	3	23917705	23919551	3672	ENSG00000174748	RPL15
NR4A2_Medium	chr3	30886105	30886505	Promoter (8-9kb)	3	30797677	30894661	8156	ENSG00000144644	GADL1
NR4A2_Medium	chr3	31523869	31524269	Promoter (8-9kb)	3	31532638	31620274	-8369	ENSG00000163527	STT3B
NR4A2_Medium	chr3	31922554	31922954	Promoter (3-4kb)	3	31748014	31919500	-3054	ENSG00000144645	OSBPL10
NR4A2_Medium	chr3	32497309	32497709	Promoter (5-6kb)	3	32487733	32502796	5087	ENSG00000091317	CMTM6
NR4A2_Medium	chr3	32504374	32504774	Promoter (1-2kb)	3	32481312	32502852	-1522	ENSG00000091317	CMTM6
NR4A2_Medium	chr3	32720611	32721011	Promoter (4-5kb)	3	32715996	32727808	4615	ENSG00000182973	CNOT10
NR4A2_Medium	chr3	33052942	33053342	Promoter (6-7kb)	3	33045606	33046192	-6750	ENSG00000170266	GLB1
NR4A2_Medium	chr3	33433039	33433439	Promoter (6-7kb)	3	33388339	33440010	6571	ENSG00000153560	UBP1
NR4A2_Medium	chr3	33535944	33536344	Promoter (<=1kb)	3	33498584	33535448	-496	ENSG00000163539	CLASP2
NR4A2_Medium	chr3	33697210	33697610	Promoter (8-9kb)	3	33682979	33688368	-8842	ENSG00000163539	CLASP2
NR4A2_Medium	chr3	36999927	37000327	Promoter (5-6kb)	3	36994227	37011836	5700	ENSG00000076242	MLH1
NR4A2_Medium	chr3	37286974	37287374	Promoter (4-5kb)	3	37282183	37366750	4791	ENSG00000144674	GOLGA4
NR4A2_Medium	chr3	37866554	37866954	Promoter (4-5kb)	3	37862178	37947171	4376	ENSG00000144677	CTDSPL
NR4A2_Medium	chr3	37991210	37991610	Promoter (<=1kb)	3	37991134	37997187	76	ENSG00000136059	VILL
NR4A2_Medium	chr3	38128062	38128462	Promoter (1-2kb)	3	38122910	38126342	-1720	ENSG00000060971	ACAA1
NR4A2_Medium	chr3	38351712	38352112	Promoter (4-5kb)	3	38346815	38413289	4897	ENSG00000093217	XYLB
NR4A2_Medium	chr3	38458363	38458763	Promoter (3-4kb)	3	38451027	38454820	-3543	ENSG00000229589	ACVR2B-AS1
NR4A2_Medium	chr3	38625427	38625827	Promoter (7-8kb)	3	38629842	38633220	7393	ENSG00000183873	SCN5A
NR4A2_Medium	chr3	39058520	39058920	Promoter (6-7kb)	3	39052301	39074749	6219	ENSG00000114742	WDR48
NR4A2_Medium	chr3	39163722	39164122	Promoter (9-10kb)	3	39142338	39154562	-9160	ENSG00000144655	CSRNP1
NR4A2_Medium	chr3	39184955	39185355	Promoter (7-8kb)	3	39183215	39192595	7240	ENSG00000168334	XIRP1
NR4A2_Medium	chr3	39278617	39279017	Promoter (1-2kb)	3	39263494	39280034	1017	ENSG00000168329	CX3CR1
NR4A2_Medium	chr3	40377448	40377848	Promoter (9-10kb)	3	40387184	40428744	-9336	ENSG00000168032	ENTPD3
NR4A2_Medium	chr3	41923081	41923481	Promoter (7-8kb)	3	41907920	41915474	-7607	ENSG00000168038	ULK4
NR4A2_Medium	chr3	42165765	42166165	Promoter (5-6kb)</						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr3	46209773	46210173	Promoter (1-2kb)	3	46201711	46208313	-1460	ENSG00000163823	CCR1
NR4A2_Medium	chr3	46250810	46251210	Promoter (8-9kb)	3	46242461	46265221	8349	ENSG00000183625	CCR3
NR4A2_Medium	chr3	46669257	46669657	Promoter (4-5kb)	3	46671488	46674593	4936	ENSG00000178038	ALS2CL
NR4A2_Medium	chr3	46677513	46677913	Promoter (<=1kb)	3	46668997	46677455	-58	ENSG00000178038	ALS2CL
NR4A2_Medium	chr3	46699223	46699623	Promoter (1-2kb)	3	46701392	46710886	-1769	ENSG00000181585	TMIE
NR4A2_Medium	chr3	46896150	46896550	Promoter (3-4kb)	3	46892721	46898734	3429	ENSG00000160801	PTH1R
NR4A2_Medium	chr3	48293783	48294183	Promoter (2-3kb)	3	48290793	48291375	-2408	NA	FCF1P2
NR4A2_Medium	chr3	48653464	48653864	Promoter (9-10kb)	3	48636463	48662886	9022	ENSG00000008300	CELSR3
NR4A2_Medium	chr3	48755379	48755779	Promoter (3-4kb)	3	48744597	48752318	-3061	ENSG00000114302	PRKAR2A
NR4A2_Medium	chr3	48912447	48912847	Promoter (5-6kb)	3	48918821	48961679	-5974	ENSG00000177479	ARIH2
NR4A2_Medium	chr3	49488476	49488876	Promoter (3-4kb)	3	49492716	49510741	-3840	ENSG00000173402	DAG1
NR4A2_Medium	chr3	49517972	49518372	Promoter (7-8kb)	3	49510224	49530911	7748	ENSG00000173402	DAG1
NR4A2_Medium	chr3	49647775	49648175	Promoter (4-5kb)	3	49643029	49651349	4746	ENSG00000164061	BSN
NR4A2_Medium	chr3	49750314	49750714	Promoter (1-2kb)	3	49738272	49748928	-1386	ENSG00000176095	IP6K1
NR4A2_Medium	chr3	49752173	49752573	Promoter (3-4kb)	3	49738272	49748928	-3245	ENSG00000176095	IP6K1
NR4A2_Medium	chr3	49800362	49800762	Promoter (<=1kb)	3	49790732	49799873	-489	ENSG00000187492	CDHR4
NR4A2_Medium	chr3	49922717	49923117	Promoter (6-7kb)	3	49907160	49929526	6409	ENSG00000164077	MON1A
NR4A2_Medium	chr3	50170616	50171016	Promoter (2-3kb)	3	50173807	50176861	-2791	ENSG00000001617	SEMA3F
NR4A2_Medium	chr3	50191195	50191595	Promoter (<=1kb)	3	50191610	50197696	-15	ENSG00000114349	GNAT1
NR4A2_Medium	chr3	50270032	50270432	Promoter (<=1kb)	3	50270561	50277170	-129	ENSG00000012171	SEMA3B
NR4A2_Medium	chr3	50664591	50664991	Promoter (9-10kb)	3	50674927	51384198	-9936	ENSG00000088538	DOCK3
NR4A2_Medium	chr3	50670603	50671003	Promoter (3-4kb)	3	50674927	51384198	-3924	ENSG00000088538	DOCK3
NR4A2_Medium	chr3	51474507	51474907	Promoter (8-9kb)	3	51397842	51483838	8931	ENSG00000145041	DCAF1
NR4A2_Medium	chr3	51682148	51682548	Promoter (<=1kb)	3	51681461	51704317	687	ENSG00000164081	TEX264
NR4A2_Medium	chr3	51704215	51704615	Promoter (2-3kb)	3	51707068	51718613	-2453	ENSG00000164082	GRM2
NR4A2_Medium	chr3	52690512	52690912	Promoter (<=1kb)	3	52690744	52690827	0	ENSG00000238862	SNORD19B
NR4A2_Medium	chr3	52706475	52706875	Promoter (<=1kb)	3	52706143	52708019	332	ENSG00000114902	SPCS1
NR4A2_Medium	chr3	52845478	52845878	Promoter (<=1kb)	3	52846463	52846552	674	ENSG00000275789	MIR8064
NR4A2_Medium	chr3	53278196	53278596	Promoter (9-10kb)	3	53287366	53288361	9765	ENSG00000272886	DCP1A
NR4A2_Medium	chr3	53805843	53806243	Promoter (1-2kb)	3	53807511	53812385	-1268	ENSG00000157388	CACNA1D
NR4A2_Medium	chr3	55171861	55172261	Promoter (5-6kb)	3	55178172	55189214	-5911	ENSG00000243572	LINC02017
NR4A2_Medium	chr3	56673163	56673563	Promoter (<=1kb)	3	56671352	56673673	110	ENSG00000163946	TASOR
NR4A2_Medium	chr3	56690740	56691140	Promoter (7-8kb)	3	56622859	56683237	-7503	ENSG00000163946	TASOR
NR4A2_Medium	chr3	57141917	57142317	Promoter (<=1kb)	3	57096178	57142491	174	ENSG00000144730	IL17RD
NR4A2_Medium	chr3	57588975	57589375	Promoter (7-8kb)	3	57575548	57597198	7823	ENSG00000168374	ARF4
NR4A2_Medium	chr3	57601656	57602056	Promoter (3-4kb)	3	57597796	57600927	3860	ENSG00000272146	ARF4-AS1
NR4A2_Medium	chr3	57638492	57638892	Promoter (5-6kb)	3	57630349	57633331	-5161	ENSG00000174839	DENND6A
NR4A2_Medium	chr3	57673100	57673500	Promoter (6-7kb)	3	57657651	57666194	-6906	ENSG00000174839	DENND6A
NR4A2_Medium	chr3	57885533	57885933	Promoter (4-5kb)	3	57889991	57912518	-4058	ENSG00000163681	SLMAP
NR4A2_Medium	chr3	58172897	58173297	Promoter (2-3kb)	3	58162547	58170636	-2261	ENSG00000244161	FLNB-AS1
NR4A2_Medium	chr3	58293490	58293890	Promoter (8-9kb)	3	58285197	58293658	8293	ENSG00000163686	ABHD6
NR4A2_Medium	chr3	58649168	58649568	Promoter (8-9kb)	3	58637155	58657696	8128	ENSG00000198643	FAM3D
NR4A2_Medium	chr3	58661253	58661653	Promoter (3-4kb)	3	58637142	58657766	-3487	ENSG00000198643	FAM3D
NR4A2_Medium	chr3	63231899	63232299	Promoter (3-4kb)	3	63228315	63556696	3584	ENSG00000163630	SYNPR
NR4A2_Medium	chr3	63904443	63904843	Promoter (6-7kb)	3	63898399	64003453	6044	ENSG00000163635	ATXN7
NR4A2_Medium	chr3	64057593	64057993	Promoter (9-10kb)	3	64067964	64103131	-9971	ENSG00000241111	PRICKLE2-AS1
NR4A2_Medium	chr3	64452032	64452432	Promoter (6-7kb)	3	64182648	64445476	-6556	ENSG00000163637	PRICKLE2
NR4A2_Medium	chr3	66397304	66397704	Promoter (6-7kb)	3	66380225	66404410	6706	ENSG00000144749	LRIG1
NR4A2_Medium	chr3	69748640	69749040	Promoter (9-10kb)	3	69739482	69968336	9158	ENSG00000187098	MITF
NR4A2_Medium	chr3	70013965	70014365	Promoter (1-2kb)	3	70012354	70014763	1611	ENSG00000240405	SAMMSON
NR4A2_Medium	chr3	71003648	71004048	Promoter (<=1kb)	3	70968444	71003407	-241	ENSG00000114861	FOXP1
NR4A2_Medium	chr3	71478961	71479361	Promoter (9-10kb)	3	71318202	71469567	-9394	ENSG00000114861	FOXP1
NR4A2_Medium	chr3	71485696	71486096	Promoter (7-8kb)	3	70959237	71493564	7468	ENSG00000114861	FOXP1
NR4A2_Medium	chr3	72110365	72110765	Promoter (9-10kb)	3	72059438	72101074	-9291	ENSG00000241163	LINC00877
NR4A2_Medium	chr3	72793127	72793527	Promoter (2-3kb)	3	72749277	72795590	2063	ENSG00000144736	SHQ1
NR4A2_Medium	chr3	72904773	72905173	Promoter (2-3kb)	3	72908022	72955181	-2849	ENSG00000172986	GXYLT2
NR4A2_Medium	chr3	74260596	74260996	Promoter (6-7kb)	3	74264385	74267539	6543	ENSG00000113805	CNTN3
NR4A2_Medium	chr3	75669066	75669466	Promoter (2-3kb)	3	75672300	75742048	-2803	ENSG00000242516	LINC00960
NR4A2_Medium	chr3	79766906	79767306	Promoter (<=1kb)	3	78597239	79767998	692	ENSG00000169855	ROBO1
NR4A2_Medium	chr3	81747210	81747610	Promoter (3-4kb)	3	81489933	81743629	-3581	ENSG00000114480	GBE1
NR4A2_Medium	chr3	94052968	94053368	Promoter (9-10kb)	3	94047836	94062841	9473	ENSG00000178700	DHFR2
NR4A2_Medium	chr3	97924237	97924637	Promoter (<=1kb)	3	97924212	97944957	25	ENSG00000080200	CRYBG3
NR4A2_Medium	chr3	98393154	98393554	Promoter (2-3kb)	3	98390666	98391631	2488	ENSG00000206536	OR5K3
NR4A2_Medium	chr3	98533101	98533501	Promoter (1-2kb)	3	98531978	98534681	1123	ENSG00000154165	GPR15
NR4A2_Medium	chr3	98575879	98576279	Promoter (9-10kb)	3	98521133	98585498	9219	ENSG00000080822	CLDND1
NR4A2_Medium	chr3	98762636	98763036	Promoter (<=1kb)	3	98763309	98782500	-273	ENSG00000064225	ST3GAL6
NR4A2_Medium	chr3	98799975	98800375	Promoter (1-2kb)	3	98799836	98801971	1596	ENSG00000057019	DCBLD2
NR4A2_Medium	chr3	100177778	100181778	Promoter (1-2kb)	3	100176238	100178603	1540	ENSG00000184220	CMSS1
NR4A2_Medium	chr3	100394582	100398582	Promoter (6-7kb)	3	100363431	100401089	6107	ENSG00000154174	TOMM70
NR4A2_Medium	chr3	100609977	100613977	Promoter (<=1kb)	3	100609601	100695479	376	ENSG00000144820	ADGRG7
NR4A2_Medium	chr3	100872477	100876477	Promoter (5-6kb)	3	100813661	100866956	-5521	ENSG00000154175	ABI3BP
NR4A2_Medium	chr3	100878663	100882663	Promoter (6-7kb)	3	100862311	100885578	6515	ENSG00000154175	ABI3BP
NR4A2_Medium	chr3	101317530	101321530	Promoter (2-3kb)	3	101222546	101320575	2645	ENSG00000081148	IMPG2
NR4A2_Medium	chr3	101736781	101740781	Promoter (4-5kb)	3	101732611	101755478	4170	ENSG00000182504	CEP97
NR4A2_Medium	chr3	101841992	101845992	Promoter (7-8kb)	3	101849514	101859523	-7122	ENSG00000144802	NFKBIZ
NR4A2_Medium	chr3	101968769	101972769	Promoter (8-9kb)	3	101960386	101996532	8383	ENSG00000214407	LINC02085
NR4A2_Medium	chr3	107785215	107789215	Promoter (6-7kb)	3	107778503	107798671	6712	ENSG00000114439	BBX
NR4A2_Medium	chr3	108525659	108529659	Promoter (3-4kb)	3	108380368	108529322	3263	ENSG00000144821	MYH15
NR4A2_Medium	chr3	109133044	109137044	Promoter (3-4kb)	3	109136714	109150123	-3270	ENSG00000241224	C3orf85
NR4A2_Medium	chr3	109320801	109324801	Promoter (4-5kb)	3	109293788	109316517	-4284	ENSG00000163530	DPPA2
NR4A2_Medium	chr3	112635610	112639610	Promoter (2-3kb)	3	112605600	112638097	2087	ENSG00000091986	CCDC80
NR4A2_Medium	chr3	112839281	112843281	Promoter (6-7kb)	3	112815788	112845943	6262	ENSG00000206531	CD200R1L
NR4A2_Medium	chr3	113403405	113407405	Promoter (<=1kb)	3	113399968	113403878	73	ENSG00000206530	CFAP44
NR4A2_Medium	chr3	113683696	113687696	Promoter (8-9kb)	3	113653239	113674896	-8800	ENSG00000176542	USF3
NR4A2_Medium	chr3	113934600	113938600	Promoter (<=1kb)	3	113934487	113936923	113	ENSG00000178075	GRAMD1C
NR4A2_Medium	chr3	114352159	114356159	Promoter (<=1kb)	3	114351835	114388970	324	ENSG00000241560	ZBTB20-AS1
NR4A2_Medium	chr3	115078558	115082558	Promoter (7-8kb)	3	114338094	115071375	-7183	ENSG00000181722	ZBTB20
NR4A2_Medium	chr3	116841325	116845325	Promoter (8-9kb)	3	116850277	116850367	8642	ENSG00000265433	MIR4447
NR4A2_Medium	chr3	116846818	116850818	Promoter (3-4kb)	3	116850277	116850367	3149	ENSG00000265433	MIR4447
NR4A2_Medium	chr3	119153413	119157413	Promoter (6-7kb)	3	119147375	119187807	6038	ENSG00000163424	TEX55
NR4A2_Medium	chr3	119658802	119662802	Promoter (1-2kb)	3	119648441	119660585	1383	ENSG00000121577	POPCD2
NR4A2_Medium	chr3	122569445	122573445	Promoter (4-5kb)	3	122527959	122564577	-4868	ENSG00000138496	PARP9
NR4A2_Medium	chr3	122573227	122577227	Promoter (4-5kb)	3	122577628	122639047	-4001	ENSG00000173200	PARP15
NR4A2_Medium	chr3	123131419	123135419	Promoter (7-8kb)	3	123124066	123146258	7353	ENSG00000065485	PDIA5
NR4A2_Medium	chr3	123198610	123202610	Promoter (2-						



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr3	126352234	126352634	Promoter (1-2kb)	3	126352675	126354285	1651	ENSG00000163884	KLF15
NR4A2_Medium	chr3	126556801	126557201	Promoter (1-2kb)	3	126549692	126558932	1731	ENSG00000180697	C3orf22
NR4A2_Medium	chr3	126863647	126864108	Promoter (8-9kb)	3	126854864	126949879	8783	ENSG00000159685	CHCHD6
NR4A2_Medium	chr3	127282354	127282754	Promoter (5-6kb)	3	127283784	127288046	5292	ENSG00000239620	PRR20G
NR4A2_Medium	chr3	127516782	127517182	Promoter (5-6kb)	3	127480696	127522618	5436	ENSG00000239921	LINC01471
NR4A2_Medium	chr3	127584208	127584608	Promoter (2-3kb)	3	127587111	127587176	2568	ENSG00000276083	MIR7976
NR4A2_Medium	chr3	127620485	127620885	Promoter (2-3kb)	3	127617711	127621776	2774	ENSG00000073111	MCM2
NR4A2_Medium	chr3	127706351	127706751	Promoter (7-8kb)	3	127692112	127714146	7395	ENSG00000074416	MGLL
NR4A2_Medium	chr3	128630114	128630514	Promoter (2-3kb)	3	128625974	128627266	-2848	ENSG00000163902	RPN1
NR4A2_Medium	chr3	128674716	128675116	Promoter (5-6kb)	3	128620159	128681075	5959	ENSG00000163902	RPN1
NR4A2_Medium	chr3	128910283	128910683	Promoter (5-6kb)	3	128904376	128913100	5907	ENSG00000177646	ACAD9
NR4A2_Medium	chr3	128974376	128974776	Promoter (3-4kb)	3	128971324	128978315	3539	ENSG00000114656	CFAP92
NR4A2_Medium	chr3	129116367	129116767	Promoter (5-6kb)	3	129090494	129121781	5014	ENSG00000172780	RAB43
NR4A2_Medium	chr3	129270162	129270562	Promoter (1-2kb)	3	129272146	129272243	-1584	ENSG00000278658	MIR6826
NR4A2_Medium	chr3	129394372	129394772	Promoter (1-2kb)	3	129393172	129396293	1521	ENSG00000251474	RPL32P3
NR4A2_Medium	chr3	129403983	129404383	Promoter (4-5kb)	3	129396196	129399655	-4328	ENSG00000251474	RPL32P3
NR4A2_Medium	chr3	129515803	129516203	Promoter (3-4kb)	3	129512381	129514820	3422	ENSG00000163913	IFT122
NR4A2_Medium	chr3	129572065	129572465	Promoter (<=1kb)	3	129570872	129571858	-207	ENSG00000004399	PLXND1
NR4A2_Medium	chr3	129980025	129980425	Promoter (5-6kb)	3	129974720	129977935	5305	ENSG00000170893	TRH
NR4A2_Medium	chr3	131019415	131019815	Promoter (4-5kb)	3	131016291	131024450	4635	ENSG00000034533	ASTE1
NR4A2_Medium	chr3	133693815	133694215	Promoter (5-6kb)	3	133688192	133712802	5623	ENSG00000091513	TF
NR4A2_Medium	chr3	133799089	133799489	Promoter (6-7kb)	3	133805615	133807774	-6126	ENSG00000144867	SRPRB
NR4A2_Medium	chr3	134478699	134479099	Promoter (4-5kb)	3	134478478	134483253	4154	ENSG00000129055	ANAPC13
NR4A2_Medium	chr3	136254336	136254736	Promoter (<=1kb)	3	136255307	136262025	-571	ENSG00000114054	PCCB
NR4A2_Medium	chr3	136367442	136367842	Promoter (8-9kb)	3	136348789	136359189	-8253	ENSG00000118007	STAG1
NR4A2_Medium	chr3	136812044	136812444	Promoter (6-7kb)	3	136819084	136855888	-6640	ENSG00000168917	SLC35G2
NR4A2_Medium	chr3	138103182	138103582	Promoter (<=1kb)	3	138092352	138103778	196	ENSG00000158163	DZIP1L
NR4A2_Medium	chr3	138137378	138137778	Promoter (4-5kb)	3	138123713	138132390	-4988	ENSG00000118017	A4GNT
NR4A2_Medium	chr3	138316172	138316572	Promoter (3-4kb)	3	138303271	138319580	3008	ENSG00000181322	NME9
NR4A2_Medium	chr3	138358799	138359199	Promoter (9-10kb)	3	138349262	138402362	9537	ENSG00000158186	MRAS
NR4A2_Medium	chr3	138493271	138493671	Promoter (6-7kb)	3	138496910	138500180	6509	ENSG00000114107	CEP70
NR4A2_Medium	chr3	138669246	138669646	Promoter (5-6kb)	3	138657283	138663933	-5313	ENSG00000051382	PIK3CB
NR4A2_Medium	chr3	139018346	139018746	Promoter (2-3kb)	3	139019031	139020926	2180	ENSG00000184814	PRR23B
NR4A2_Medium	chr3	139021450	139021850	Promoter (<=1kb)	3	139019031	139020926	-524	ENSG00000184814	PRR23B
NR4A2_Medium	chr3	140969352	140969752	Promoter (<=1kb)	3	140970365	140976647	-613	ENSG00000114120	SLC25A36
NR4A2_Medium	chr3	140976391	140976791	Promoter (2-3kb)	3	140973666	140976463	2725	ENSG00000114120	SLC25A36
NR4A2_Medium	chr3	141401306	141401706	Promoter (<=1kb)	3	141402349	141442826	-643	ENSG00000177311	ZBTB38
NR4A2_Medium	chr3	141957470	141957870	Promoter (5-6kb)	3	141952829	141963835	5965	ENSG00000114126	TFDP2
NR4A2_Medium	chr3	142037573	142037973	Promoter (8-9kb)	3	141963852	142029157	-8416	ENSG00000114126	TFDP2
NR4A2_Medium	chr3	142119108	142119508	Promoter (6-7kb)	3	141995071	142126370	6862	ENSG00000114126	TFDP2
NR4A2_Medium	chr3	142180904	142181304	Promoter (<=1kb)	3	142170183	142181470	166	ENSG00000175066	GK5
NR4A2_Medium	chr3	142423611	142424011	Promoter (1-2kb)	3	142376249	142425535	1524	ENSG00000114127	XRN1
NR4A2_Medium	chr3	142511310	142511710	Promoter (1-2kb)	3	142449333	142513605	1895	ENSG00000175054	ATR
NR4A2_Medium	chr3	143348874	143349274	Promoter (6-7kb)	3	143342246	143347071	6628	ENSG00000240012	SLC9A9-AS1
NR4A2_Medium	chr3	143981430	143981830	Promoter (7-8kb)	3	143973608	143992367	7822	ENSG00000181744	DIPK2A
NR4A2_Medium	chr3	146911971	146912371	Promoter (9-10kb)	3	146921795	146925357	-9424	ENSG00000242671	LINC02010
NR4A2_Medium	chr3	148986069	148986469	Promoter (4-5kb)	3	148991341	149027632	-4872	ENSG00000163754	GYG1
NR4A2_Medium	chr3	149002180	149002580	Promoter (1-2kb)	3	149003954	149027347	-1374	ENSG00000163754	GYG1
NR4A2_Medium	chr3	149195549	149195949	Promoter (2-3kb)	3	149185249	149198453	2504	ENSG00000047457	CP
NR4A2_Medium	chr3	150017711	150018111	Promoter (4-5kb)	3	149964904	150022799	4688	ENSG00000070087	PFN2
NR4A2_Medium	chr3	153378547	153378947	Promoter (8-9kb)	3	153384934	153387368	8421	NA	LINC02006
NR4A2_Medium	chr3	153753923	153754323	Promoter (8-9kb)	3	153385109	153762526	8203	NA	LINC02006
NR4A2_Medium	chr3	154109782	154110182	Promoter (<=1kb)	3	154026578	154110351	169	ENSG00000243069	ARHGFE26-AS1
NR4A2_Medium	chr3	154327286	154327686	Promoter (2-3kb)	3	154272546	154324487	-2799	ENSG00000174953	DHX36
NR4A2_Medium	chr3	155231034	155231434	Promoter (9-10kb)	3	155240919	155243124	-9485	ENSG00000241336	LINC01487
NR4A2_Medium	chr3	157505687	157506087	Promoter (2-3kb)	3	157459622	157503626	-2061	ENSG00000197415	VEPH1
NR4A2_Medium	chr3	158571637	158572037	Promoter (<=1kb)	3	158571567	158605402	70	ENSG00000178053	MLF1
NR4A2_Medium	chr3	158589408	158589808	Promoter (6-7kb)	3	158582835	158606459	6573	ENSG00000178053	MLF1
NR4A2_Medium	chr3	158653959	158654359	Promoter (1-2kb)	3	158652198	158657518	1761	ENSG00000168827	GFM1
NR4A2_Medium	chr3	160019980	160020380	Promoter (3-4kb)	3	160016024	160031423	3956	NA	LINC01100
NR4A2_Medium	chr3	160439510	160439910	Promoter (8-9kb)	3	160430929	160432443	8581	ENSG00000113810	SMC4
NR4A2_Medium	chr3	160450667	160451067	Promoter (<=1kb)	3	160227454	160449829	-838	ENSG00000248710	TRIM59-IFT80
NR4A2_Medium	chr3	160485581	160485981	Promoter (<=1kb)	3	160439001	160485773	0	ENSG00000248710	TRIM59-IFT80
NR4A2_Medium	chr3	163283851	163284251	Promoter (5-6kb)	3	163199578	163278573	-5278	ENSG00000241369	LINC01192
NR4A2_Medium	chr3	165192306	165192706	Promoter (3-4kb)	3	165186720	165196384	3678	ENSG00000121871	SLITRK3
NR4A2_Medium	chr3	165196158	165196558	Promoter (<=1kb)	3	165186720	165196384	0	ENSG00000121871	SLITRK3
NR4A2_Medium	chr3	167397821	167398221	Promoter (5-6kb)	3	167392796	167408519	5025	ENSG00000241669	LINC01327
NR4A2_Medium	chr3	167628159	167628559	Promoter (6-7kb)	3	167478687	167621643	-6516	ENSG00000174776	WDR49
NR4A2_Medium	chr3	167894080	167894480	Promoter (1-2kb)	3	167895948	167924011	-1468	ENSG00000244227	LRRC77P
NR4A2_Medium	chr3	168088879	168089279	Promoter (6-7kb)	3	168010235	168095344	6065	ENSG00000173905	GOLIM4
NR4A2_Medium	chr3	168101619	168102019	Promoter (5-6kb)	3	168008689	168095924	-5695	ENSG00000173905	GOLIM4
NR4A2_Medium	chr3	169118550	169118950	Promoter (3-4kb)	3	169120888	169122672	3722	ENSG00000085276	MECOM
NR4A2_Medium	chr3	169902988	169903388	Promoter (8-9kb)	3	169911572	169939175	-8184	ENSG00000187033	SAMD7
NR4A2_Medium	chr3	170374527	170374927	Promoter (6-7kb)	3	170381276	170385049	-6349	ENSG00000136603	SKIL
NR4A2_Medium	chr3	172309916	172310316	Promoter (2-3kb)	3	172306936	172310927	2980	ENSG00000075420	FNDC3B
NR4A2_Medium	chr3	173402639	173403039	Promoter (4-5kb)	3	173398448	174286644	4191	ENSG00000169760	NLGN1
NR4A2_Medium	chr3	174444473	174444873	Promoter (3-4kb)	3	174440987	175097142	3486	ENSG00000177694	NAALADL2
NR4A2_Medium	chr3	177616760	177617160	Promoter (<=1kb)	3	177617590	177752094	-430	ENSG00000228221	LINC00578
NR4A2_Medium	chr3	179456793	179457193	Promoter (5-6kb)	3	179416521	179451476	-5317	ENSG00000114450	GNB4
NR4A2_Medium	chr3	180651732	180652132	Promoter (<=1kb)	3	180614244	180652521	389	ENSG00000284862	CCDC39
NR4A2_Medium	chr3	180694587	180694987	Promoter (9-10kb)	3	180643945	180684942	-9645	ENSG00000284862	CCDC39
NR4A2_Medium	chr3	180859927	180860327	Promoter (7-8kb)	3	180868141	180949326	-7814	ENSG00000114416	FXR1
NR4A2_Medium	chr3	180866297	180866697	Promoter (1-2kb)	3	180868141	180949326	-1444	ENSG00000114416	FXR1
NR4A2_Medium	chr3	180920139	180920539	Promoter (4-5kb)	3	180915460	180948742	4679	ENSG00000114416	FXR1
NR4A2_Medium	chr3	180966453	180966853	Promoter (1-2kb)	3	180968051	180976282	-1198	ENSG00000114416	FXR1
NR4A2_Medium	chr3	181166834	181167234	Promoter (7-8kb)	3	181174890	181700044	-7656	ENSG00000242808	SOX2-OT
NR4A2_Medium	chr3	183113385	183113785	Promoter (2-3kb)	3	183015218	183116075	2290	ENSG00000078070	MCCC1
NR4A2_Medium	chr3	183879124	183879524	Promoter (5-6kb)	3	183833768	183884727	5203	ENSG00000175193	PARL
NR4A2_Medium	chr3	183991503	183991903	Promoter (7-8kb)	3	183977518	183983576	-7927	ENSG00000114770	ABCC5
NR4A2_Medium	chr3	184196134	184196534	Promoter (2-3kb)	3	184193150	184193769	2984	ENSG00000161204	ABCF3
NR4A2_Medium	chr3	184325517	184325917	Promoter (<=1kb)	3	184325696	184325771	0	ENSG00000212158	SNORD66
NR4A2_Medium	chr3	184580539	184580939	Promoter (<=1kb)	3	184579748	184580700	791	ENSG00000182580	EPHB3
NR4A2_Medium	chr3	185559174	185559574	Promoter (6-7kb)	3					

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr3	192243228	192243628	Promoter (4-5kb)	3	192238630	192283097	4598	ENSG00000231383	FGF12-AS1
NR4A2_Medium	chr3	192411886	192412286	Promoter (2-3kb)	3	192142509	192409049	-2837	ENSG00000114279	FGF12
NR4A2_Medium	chr3	192911513	192911913	Promoter (5-6kb)	3	192796815	192917856	5943	ENSG00000180611	MB21D2
NR4A2_Medium	chr3	193649690	193650090	Promoter (<=1kb)	3	193648766	193659514	924	ENSG00000198836	OPA1
NR4A2_Medium	chr3	194071228	194071628	Promoter (<=1kb)	3	194009449	194071025	-203	ENSG00000230102	LINC02028
NR4A2_Medium	chr3	194243421	194243821	Promoter (3-4kb)	3	194247638	194258816	-3817	ENSG00000238097	LINC02037
NR4A2_Medium	chr3	194324539	194324939	Promoter (1-2kb)	3	194301199	194322871	-1668	ENSG00000214145	LINC00887
NR4A2_Medium	chr3	194684304	194684704	Promoter (1-2kb)	3	194685883	194689037	-1179	ENSG00000185112	FAM43A
NR4A2_Medium	chr3	195082647	195083047	Promoter (4-5kb)	3	195069593	195087372	4325	ENSG00000173950	XXYL1
NR4A2_Medium	chr3	195137596	195137996	Promoter (3-4kb)	3	195134506	195134580	-3016	ENSG00000265333	MIR3137
NR4A2_Medium	chr3	195251451	195251851	Promoter (3-4kb)	3	195069677	195247920	-3531	ENSG00000173950	XXYL1
NR4A2_Medium	chr3	195265194	195265594	Promoter (5-6kb)	3	195180394	195260080	-5114	ENSG00000173950	XXYL1
NR4A2_Medium	chr3	196076185	196076585	Promoter (5-6kb)	3	196049284	196082090	5505	ENSG00000072274	TFRC
NR4A2_Medium	chr3	196424575	196424975	Promoter (6-7kb)	3	196431385	196432530	-6410	NA	UBXN7-AS1
NR4A2_Medium	chr3	196560126	196560526	Promoter (6-7kb)	3	196560996	196567310	6784	ENSG00000185798	WDR53
NR4A2_Medium	chr3	196994813	196995262	Promoter (4-5kb)	3	196999460	197004736	-4198	ENSG00000228109	MELTF-AS1
NR4A2_Medium	chr3	197003539	197003939	Promoter (<=1kb)	3	197003637	197004738	0	ENSG00000228109	MELTF-AS1
NR4A2_Medium	chr3	197302415	197302815	Promoter (1-2kb)	3	197300575	197303755	1840	ENSG00000227375	DLG1-AS1
NR4A2_Medium	chr3	197739015	197739415	Promoter (1-2kb)	3	197737179	197777001	1836	ENSG00000122068	FYTTD1
NR4A2_Medium	chr3	197799520	197799920	Promoter (8-9kb)	3	197791274	197871585	8246	ENSG00000186001	LRCH3
NR4A2_Medium	chr3	197876210	197876610	Promoter (<=1kb)	3	197875694	197883685	516	ENSG00000186001	LRCH3
NR4A2_Medium	chr4	205895	206295	Promoter (6-7kb)	4	212610	255985	-6315	ENSG00000198155	ZNF876P
NR4A2_Medium	chr4	651881	652281	Promoter (<=1kb)	4	651985	654288	0	ENSG00000133256	PDE6B
NR4A2_Medium	chr4	665058	665458	Promoter (<=1kb)	4	664910	670314	148	ENSG00000133256	PDE6B
NR4A2_Medium	chr4	821935	822335	Promoter (3-4kb)	4	784958	826092	3757	ENSG00000168993	CPLX1
NR4A2_Medium	chr4	869004	869404	Promoter (<=1kb)	4	849278	869957	553	ENSG00000178950	GAK
NR4A2_Medium	chr4	892135	892535	Promoter (2-3kb)	4	885783	894827	2292	ENSG00000178950	GAK
NR4A2_Medium	chr4	898927	899327	Promoter (4-5kb)	4	885783	894827	-4100	ENSG00000178950	GAK
NR4A2_Medium	chr4	930713	931113	Promoter (1-2kb)	4	849676	932187	1074	ENSG00000178950	GAK
NR4A2_Medium	chr4	1060976	1061376	Promoter (2-3kb)	4	1056250	1058427	-2549	ENSG00000178222	RNF212
NR4A2_Medium	chr4	1211257	1211657	Promoter (1-2kb)	4	1210120	1218591	1137	ENSG00000280927	CTBP1-AS
NR4A2_Medium	chr4	1215516	1215916	Promoter (<=1kb)	4	1213991	1216407	491	ENSG00000159692	CTBP1
NR4A2_Medium	chr4	1230083	1230483	Promoter (<=1kb)	4	1214421	1231144	661	ENSG00000159692	CTBP1
NR4A2_Medium	chr4	1311994	1312394	Promoter (2-3kb)	4	1309787	1339281	2207	ENSG00000090316	MAEA
NR4A2_Medium	chr4	1744075	1744475	Promoter (<=1kb)	4	1744439	1745076	0	ENSG00000013810	TACC3
NR4A2_Medium	chr4	2178037	2178437	Promoter (<=1kb)	4	2071950	2179387	950	ENSG00000130997	POLN
NR4A2_Medium	chr4	2268204	2268604	Promoter (3-4kb)	4	2270918	2271751	3147	ENSG00000159733	ZFYVE28
NR4A2_Medium	chr4	2447715	2448115	Promoter (4-5kb)	4	2443215	2450356	4500	ENSG00000206113	CFAP99
NR4A2_Medium	chr4	2794566	2794966	Promoter (<=1kb)	4	2794159	2824914	407	ENSG00000087266	SH3BP2
NR4A2_Medium	chr4	3025031	3025431	Promoter (2-3kb)	4	3027911	3038878	-2480	ENSG00000125388	GRK4
NR4A2_Medium	chr4	3461781	3462181	Promoter (1-2kb)	4	3463306	3494482	-1125	ENSG00000175920	DOK7
NR4A2_Medium	chr4	3674605	3675005	Promoter (2-3kb)	4	3673593	3677855	2850	ENSG00000250632	LINC02171
NR4A2_Medium	chr4	3677985	3678385	Promoter (<=1kb)	4	3673593	3677855	-130	ENSG00000250632	LINC02171
NR4A2_Medium	chr4	5041950	5042350	Promoter (9-10kb)	4	5051480	5500989	-9130	ENSG00000152953	STK32B
NR4A2_Medium	chr4	5202562	5202962	Promoter (1-2kb)	4	5204079	5345455	-1117	ENSG00000152953	STK32B
NR4A2_Medium	chr4	5924952	5925352	Promoter (1-2kb)	4	5923275	5923328	-1624	ENSG00000263631	MIR378D1
NR4A2_Medium	chr4	6299509	6299909	Promoter (4-5kb)	4	6294771	6300807	4738	ENSG00000109501	WFS1
NR4A2_Medium	chr4	6387339	6387739	Promoter (2-3kb)	4	6333646	6384826	-2513	ENSG00000074211	PPP2R2C
NR4A2_Medium	chr4	6413933	6414333	Promoter (6-7kb)	4	6323046	6421118	6785	ENSG00000074211	PPP2R2C
NR4A2_Medium	chr4	6463240	6463640	Promoter (8-9kb)	4	6380033	6471686	8046	ENSG00000074211	PPP2R2C
NR4A2_Medium	chr4	6646566	6646966	Promoter (5-6kb)	4	6640691	6642745	5875	ENSG00000179010	MRFAP1
NR4A2_Medium	chr4	6660214	6660614	Promoter (2-3kb)	4	6663396	6676755	-2782	ENSG00000170846	LOC93622
NR4A2_Medium	chr4	6690277	6690677	Promoter (<=1kb)	4	6687448	6690519	0	ENSG00000246526	LINC02481
NR4A2_Medium	chr4	6910435	6910835	Promoter (<=1kb)	4	6910248	6923559	187	ENSG00000132405	TBC1D14
NR4A2_Medium	chr4	7033825	7034225	Promoter (7-8kb)	4	7041899	7054431	-7674	ENSG00000173011	TADA2B
NR4A2_Medium	chr4	7467289	7467689	Promoter (7-8kb)	4	7460028	7460118	7261	ENSG00000266690	MIR4274
NR4A2_Medium	chr4	7760451	7760851	Promoter (6-7kb)	4	7754090	7778928	6361	ENSG00000272620	AFAP1-AS1
NR4A2_Medium	chr4	7845167	7845567	Promoter (1-2kb)	4	7842688	7843837	-1330	ENSG00000196526	AFAP1
NR4A2_Medium	chr4	7866617	7867017	Promoter (4-5kb)	4	7838588	7862311	-4306	ENSG00000196526	AFAP1
NR4A2_Medium	chr4	8012381	8012781	Promoter (1-2kb)	4	8007385	8010728	-1653	ENSG00000163995	ABLIM2
NR4A2_Medium	chr4	8233703	8234168	Promoter (2-3kb)	4	8231142	8241091	2561	ENSG00000125089	SH3TC1
NR4A2_Medium	chr4	8263531	8263931	Promoter (5-6kb)	4	8269754	8307098	-5823	ENSG00000170801	HTRA3
NR4A2_Medium	chr4	8370312	8370712	Promoter (3-4kb)	4	8366712	8373815	3103	ENSG00000087008	ACOX3
NR4A2_Medium	chr4	8422711	8423111	Promoter (5-6kb)	4	8410282	8428461	5350	ENSG00000087008	ACOX3
NR4A2_Medium	chr4	8427463	8427863	Promoter (<=1kb)	4	8410282	8428461	598	ENSG00000087008	ACOX3
NR4A2_Medium	chr4	8470286	8470686	Promoter (<=1kb)	4	8470926	8493531	-240	ENSG00000155275	TRMT44
NR4A2_Medium	chr4	8477908	8478308	Promoter (4-5kb)	4	8473516	8493531	4392	ENSG00000155275	TRMT44
NR4A2_Medium	chr4	10018341	10018741	Promoter (<=1kb)	4	9995669	10019075	334	ENSG00000109667	SLC2A9
NR4A2_Medium	chr4	10058621	10059021	Promoter (3-4kb)	4	9980592	10054936	-3685	ENSG00000109667	SLC2A9
NR4A2_Medium	chr4	14120304	14120704	Promoter (8-9kb)	4	14112020	14139486	8284	ENSG00000248698	LINC01085
NR4A2_Medium	chr4	14718430	14718830	Promoter (1-2kb)	4	14628756	14716595	-1835	ENSG00000248360	LINC00504
NR4A2_Medium	chr4	14722940	14723340	Promoter (6-7kb)	4	14628756	14716595	-6345	ENSG00000248360	LINC00504
NR4A2_Medium	chr4	16093028	16093428	Promoter (8-9kb)	4	15968228	16084378	-8650	ENSG00000007062	PROM1
NR4A2_Medium	chr4	17499574	17499974	Promoter (7-8kb)	4	17486800	17492513	-7061	ENSG00000151552	QDPR
NR4A2_Medium	chr4	17962391	17962791	Promoter (<=1kb)	4	17845640	17962032	-359	ENSG00000178177	LCORL
NR4A2_Medium	chr4	20547248	20547648	Promoter (4-5kb)	4	20542619	20568918	4629	ENSG00000145147	SLIT2
NR4A2_Medium	chr4	22461352	22461752	Promoter (5-6kb)	4	22387708	22455834	-5518	ENSG00000152990	ADGRA3
NR4A2_Medium	chr4	23822727	23823127	Promoter (6-7kb)	4	23828490	23829671	6544	ENSG00000109819	PPARGC1A
NR4A2_Medium	chr4	24540376	24540776	Promoter (1-2kb)	4	24539709	24541899	1123	ENSG00000109606	DHX15
NR4A2_Medium	chr4	26864576	26864976	Promoter (3-4kb)	4	26861459	26995402	3117	ENSG00000109689	STM2
NR4A2_Medium	chr4	34262621	34263021	Promoter (6-7kb)	4	34120090	34269738	6717	NA	LINC02484
NR4A2_Medium	chr4	36078815	36079215	Promoter (4-5kb)	4	35948221	36073835	-4980	ENSG00000047365	ARAP2
NR4A2_Medium	chr4	36237080	36237480	Promoter (6-7kb)	4	36160112	36243862	6382	ENSG00000047365	ARAP2
NR4A2_Medium	chr4	38373643	38374043	Promoter (6-7kb)	4	38366914	38385759	6729	ENSG00000248227	LINC02513
NR4A2_Medium	chr4	38877710	38878110	Promoter (9-10kb)	4	38868032	38868127	9678	ENSG00000207944	MIR574
NR4A2_Medium	chr4	39201004	39201404	Promoter (1-2kb)	4	39199478	39206115	1526	ENSG00000157796	WDR19
NR4A2_Medium	chr4	40095983	40096383	Promoter (6-7kb)	4	40102907	40155397	-6524	ENSG00000078177	N4BP2
NR4A2_Medium	chr4	40928370	40928770	Promoter (5-6kb)	4	40826786	40934487	5717	ENSG00000163697	APBB2
NR4A2_Medium	chr4	41268283	41268683	Promoter (6-7kb)	4	41261739	41264465	6544	ENSG00000154277	UCHL1
NR4A2_Medium	chr4	42146794	42147194	Promoter (4-5kb)	4	42117440	42152183	4989	ENSG00000188848	BEND4
NR4A2_Medium	chr4	42150802	42151202	Promoter (<=1kb)	4	42117440	42152183	981	ENSG00000188848	BEND4
NR4A2_Medium	chr4	42467218	42467618	Promoter (2-3kb)	4	42459358	42465075	-2143	ENSG00000124406	ATP8A1
NR4A2_Medium	chr4	42507624	42508024	Promoter (<=1kb)	4	42408373	42507154	-470	ENSG00000124406	ATP8A1
NR4A2_Medium	chr4	44698755	44699155	Promoter (4-5kb)	4	44694409	44700679	4346	ENSG00000151806	GUF1
NR4A2_Medium	chr4	46465362	46465762	Promoter (9-10kb)	4	46248427	46475230	9468	ENSG00000151834	GABRA2
NR4A2_Medium	chr4	48277936	48278336	Promoter (8-9kb)	4	48135783	48269838	-8098	ENSG00000135605	TEC
NR4A2_Medium	chr4	48351402	483							



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr4	56470900	56471300	Promoter (3-4kb)	4	56467736	56489401	3164	ENSG00000174780	SRP72
NR4A2_Medium	chr4	56687948	56688348	Promoter (6-7kb)	4	56647988	56681899	-6049	ENSG00000171476	HOPX
NR4A2_Medium	chr4	56915938	56916338	Promoter (4-5kb)	4	56911212	56929959	4726	ENSG00000084093	REST
NR4A2_Medium	chr4	67419147	67419547	Promoter (1-2kb)	4	67418542	67421054	1507	ENSG00000250075	LOC101927237
NR4A2_Medium	chr4	67522924	67523324	Promoter (7-8kb)	4	67472477	67530866	7542	ENSG00000145241	CENPC
NR4A2_Medium	chr4	68025606	68026006	Promoter (9-10kb)	4	67991684	68015768	-9838	ENSG00000229009	TMPRSS11GP
NR4A2_Medium	chr4	69026683	69027083	Promoter (6-7kb)	4	69004862	69020414	-6269	ENSG00000109181	UGT2B10
NR4A2_Medium	chr4	70645643	70646043	Promoter (7-8kb)	4	70637745	70686816	7898	ENSG00000132464	ENAM
NR4A2_Medium	chr4	70793583	70793983	Promoter (<=1kb)	4	70793876	70806816	0	ENSG00000018189	RUFY3
NR4A2_Medium	chr4	70840866	70841266	Promoter (<=1kb)	4	70819531	70839897	-969	ENSG00000132463	GRSF1
NR4A2_Medium	chr4	71333666	71334066	Promoter (4-5kb)	4	71339053	71473319	-4987	ENSG00000080493	SLC4A4
NR4A2_Medium	chr4	71784469	71784869	Promoter (<=1kb)	4	71741697	71784079	-390	ENSG00000145321	GC
NR4A2_Medium	chr4	72025134	72025534	Promoter (6-7kb)	4	72031804	72148067	-6270	ENSG00000056291	NPFFR2
NR4A2_Medium	chr4	74771090	74771490	Promoter (<=1kb)	4	74746379	74770156	-934	ENSG00000174808	BTC
NR4A2_Medium	chr4	75877127	75877527	Promoter (3-4kb)	4	75860111	75873195	-3932	ENSG00000156194	PPEF2
NR4A2_Medium	chr4	75968689	75969089	Promoter (4-5kb)	4	75960122	75973391	4302	ENSG00000198301	SDAD1
NR4A2_Medium	chr4	76285709	76286109	Promoter (7-8kb)	4	76278119	76283774	7590	ENSG00000189157	FAM47E
NR4A2_Medium	chr4	76416337	76416737	Promoter (5-6kb)	4	76384379	76421843	5106	ENSG00000163749	CCDC158
NR4A2_Medium	chr4	76551789	76552189	Promoter (3-4kb)	4	76555614	76754586	-3425	ENSG00000138771	SHROOM3
NR4A2_Medium	chr4	76572947	76573347	Promoter (<=1kb)	4	76573568	76573632	-221	ENSG00000263445	MIR4450
NR4A2_Medium	chr4	76942749	76943149	Promoter (6-7kb)	4	76949703	77038614	-6554	ENSG00000138758	SEPTIN11
NR4A2_Medium	chr4	78410753	78411153	Promoter (7-8kb)	4	78419038	78446633	-7885	ENSG00000138759	FRAS1
NR4A2_Medium	chr4	78451069	78451469	Promoter (3-4kb)	4	78448058	78450455	3011	ENSG00000138759	FRAS1
NR4A2_Medium	chr4	79205493	79205893	Promoter (7-8kb)	4	79197541	79308655	7952	ENSG00000249307	LINC01088
NR4A2_Medium	chr4	79268401	79268801	Promoter (9-10kb)	4	79258781	79308654	9620	ENSG00000249307	LINC01088
NR4A2_Medium	chr4	82037493	82037893	Promoter (6-7kb)	4	81427065	82044069	6176	ENSG00000138670	RASGEF1B
NR4A2_Medium	chr4	82423600	82424000	Promoter (5-6kb)	4	82424625	82429397	5397	ENSG00000152795	HNRNPDL
NR4A2_Medium	chr4	82619849	82620249	Promoter (1-2kb)	4	82613113	82621437	1188	ENSG00000231782	LINC00575
NR4A2_Medium	chr4	83000471	83000871	Promoter (9-10kb)	4	82927586	83010709	9838	ENSG00000189308	LIN54
NR4A2_Medium	chr4	83431690	83432090	Promoter (3-4kb)	4	83407367	83427726	-3964	ENSG00000163312	HELQ
NR4A2_Medium	chr4	83520638	83521038	Promoter (2-3kb)	4	83467454	83523348	2310	ENSG00000163322	ABRAXAS1
NR4A2_Medium	chr4	85566140	85566540	Promoter (4-5kb)	4	85570593	85722386	-4053	ENSG00000138639	ARHGAP24
NR4A2_Medium	chr4	86085635	86086035	Promoter (3-4kb)	4	86067844	86082344	-3291	ENSG00000109339	MAPK10
NR4A2_Medium	chr4	86175627	86176027	Promoter (4-5kb)	4	86016644	86171072	-4555	ENSG00000109339	MAPK10
NR4A2_Medium	chr4	87434242	87434642	Promoter (7-8kb)	4	87441871	87454456	-7229	ENSG00000170502	NUDT9
NR4A2_Medium	chr4	87607239	87607639	Promoter (<=1kb)	4	87608529	87616873	-890	ENSG00000152591	DSPP
NR4A2_Medium	chr4	87639986	87640386	Promoter (9-10kb)	4	87650280	87664357	-9894	ENSG00000152592	DMP1
NR4A2_Medium	chr4	94749437	94749837	Promoter (7-8kb)	4	94743668	94757681	7844	ENSG00000249599	BMPR1B-DT
NR4A2_Medium	chr4	99075742	99076142	Promoter (3-4kb)	4	99076797	99080023	3881	ENSG00000197894	ADH5
NR4A2_Medium	chr4	99884142	99884542	Promoter (9-10kb)	4	99881207	99894376	9834	ENSG00000109270	LAMTOR3
NR4A2_Medium	chr4	99914805	99915205	Promoter (8-9kb)	4	99900635	99906597	-8208	ENSG00000164031	DNAJB14
NR4A2_Medium	chr4	103013103	103013503	Promoter (6-7kb)	4	102885049	103019650	6147	ENSG00000164037	SLC9B1
NR4A2_Medium	chr4	103060539	103060939	Promoter (2-3kb)	4	103020230	103057942	-2597	ENSG00000164038	SLC9B2
NR4A2_Medium	chr4	105483100	105483500	Promoter (9-10kb)	4	105369565	105474067	-9033	ENSG00000138777	PPA2
NR4A2_Medium	chr4	106226958	106227358	Promoter (3-4kb)	4	106182353	106230446	3088	ENSG00000145348	TBCK
NR4A2_Medium	chr4	108085440	108085840	Promoter (2-3kb)	4	108048169	108083413	-2027	ENSG00000138795	LEF1
NR4A2_Medium	chr4	110206024	110206424	Promoter (6-7kb)	4	110059650	110199199	-6825	ENSG00000170522	ELOVL6
NR4A2_Medium	chr4	110551011	110551411	Promoter (1-2kb)	4	110549428	110553517	1583	ENSG00000138792	ENPEP
NR4A2_Medium	chr4	110615017	110615417	Promoter (<=1kb)	4	110603361	110615415	0	ENSG00000250103	PANCR
NR4A2_Medium	chr4	112507107	112507507	Promoter (7-8kb)	4	112515385	112518236	-7878	NA	NEUROG2-AS1
NR4A2_Medium	chr4	113310374	113310774	Promoter (6-7kb)	4	113317452	113330363	-6678	ENSG00000145362	ANK2
NR4A2_Medium	chr4	115114438	115114838	Promoter (<=1kb)	4	114827773	115113876	-562	ENSG00000138653	NDST4
NR4A2_Medium	chr4	118311635	118312035	Promoter (1-2kb)	4	118303278	118313276	1241	ENSG00000164099	PRSS12
NR4A2_Medium	chr4	119459959	119460359	Promoter (<=1kb)	4	119460437	119461910	-78	ENSG00000245958	SEPTIN7P14
NR4A2_Medium	chr4	119634638	119635038	Promoter (5-6kb)	4	119494403	119628804	-5834	ENSG00000138735	PDE5A
NR4A2_Medium	chr4	121216109	121216509	Promoter (<=1kb)	4	121132040	121216627	118	ENSG00000050730	TNIP3
NR4A2_Medium	chr4	121380508	121380908	Promoter (<=1kb)	4	121329312	121380647	0	ENSG00000186867	QRFP
NR4A2_Medium	chr4	121692896	121693296	Promoter (3-4kb)	4	121668076	121696962	3666	ENSG00000164111	ANXA5
NR4A2_Medium	chr4	122825068	122825468	Promoter (1-2kb)	4	122826708	122898236	-1240	ENSG00000138685	FGF2
NR4A2_Medium	chr4	123915619	123916019	Promoter (5-6kb)	4	123910181	123930723	5438	ENSG00000249464	LINC01091
NR4A2_Medium	chr4	127671650	127672050	Promoter (2-3kb)	4	127674154	127685950	-2104	ENSG00000164066	INTU
NR4A2_Medium	chr4	127725101	127725501	Promoter (4-5kb)	4	127730400	127774292	-4899	ENSG00000151475	SLC25A31
NR4A2_Medium	chr4	128447018	128447418	Promoter (7-8kb)	4	128455169	128470647	-7751	ENSG00000251432	LINC02615
NR4A2_Medium	chr4	130378596	130378996	Promoter (2-3kb)	4	130376229	130432227	2367	NA	LINC02479
NR4A2_Medium	chr4	139054974	139055374	Promoter (5-6kb)	4	139028112	139060595	5221	ENSG00000109381	ELF2
NR4A2_Medium	chr4	141358488	141358888	Promoter (1-2kb)	4	141321239	141357096	-1392	ENSG00000248810	LINC02432
NR4A2_Medium	chr4	142466836	142467236	Promoter (4-5kb)	4	142028033	142462753	-4083	ENSG00000109452	INPP4B
NR4A2_Medium	chr4	142482930	142483330	Promoter (8-9kb)	4	142426481	142474408	-8522	ENSG00000109452	INPP4B
NR4A2_Medium	chr4	142513633	142514033	Promoter (<=1kb)	4	142405305	142514281	248	ENSG00000109452	INPP4B
NR4A2_Medium	chr4	145184078	145184478	Promoter (3-4kb)	4	145133650	145180589	-3489	ENSG00000164164	OTUD4
NR4A2_Medium	chr4	145607248	145607648	Promoter (8-9kb)	4	145599083	145655456	8165	ENSG00000151611	MMAA
NR4A2_Medium	chr4	145871617	145872017	Promoter (<=1kb)	4	145760721	145872212	195	ENSG00000151612	ZNF827
NR4A2_Medium	chr4	150087310	150087710	Promoter (8-9kb)	4	150079028	150257438	8282	ENSG00000170390	DCLK2
NR4A2_Medium	chr4	151237973	151238373	Promoter (9-10kb)	4	151120287	151228030	-9943	ENSG00000109686	SH3D19
NR4A2_Medium	chr4	151415063	151415463	Promoter (5-6kb)	4	151409352	151566299	5711	ENSG00000164142	FAM160A1
NR4A2_Medium	chr4	151720873	151721273	Promoter (3-4kb)	4	151670849	151724480	3207	ENSG00000059691	GATB
NR4A2_Medium	chr4	152097379	152097779	Promoter (2-3kb)	4	152100720	152104705	-2941	ENSG00000245954	LINC02273
NR4A2_Medium	chr4	152533983	152534383	Promoter (<=1kb)	4	152411160	152535191	808	ENSG00000109670	FBXW7
NR4A2_Medium	chr4	152788874	152789274	Promoter (8-9kb)	4	152780109	152810386	8765	ENSG00000164144	ARFIP1
NR4A2_Medium	chr4	152881683	152882083	Promoter (1-2kb)	4	152883245	152910378	-1162	ENSG00000164144	ARFIP1
NR4A2_Medium	chr4	153202414	153202814	Promoter (1-2kb)	4	153204443	153339317	-1629	ENSG00000109654	TRIM2
NR4A2_Medium	chr4	153309216	153309616	Promoter (<=1kb)	4	153307792	153308717	-499	NA	ANXA2P1
NR4A2_Medium	chr4	153636581	153636981	Promoter (3-4kb)	4	153640168	153681180	-3187	ENSG00000250771	LOC100419170
NR4A2_Medium	chr4	153647722	153648122	Promoter (7-8kb)	4	153640168	153681180	7554	ENSG00000250771	LOC100419170
NR4A2_Medium	chr4	154621792	154622192	Promoter (4-5kb)	4	154626961	154744533	-4769	ENSG00000121207	LRAT
NR4A2_Medium	chr4	158229588	158229988	Promoter (3-4kb)	4	158233036	158255287	-3048	ENSG00000164124	TMEM144
NR4A2_Medium	chr4	161491563	161491963	Promoter (8-9kb)	4	161495136	161500074	8111	ENSG00000168843	FSTL5
NR4A2_Medium	chr4	163146413	163146813	Promoter (6-7kb)	4	163110073	163140337	-6076	ENSG00000145414	NAF1
NR4A2_Medium	chr4	168713555	168713955	Promoter (1-2kb)	4	168712159	168898686	1396	ENSG00000129116	PALLD
NR4A2_Medium	chr4	173332853	173333253	Promoter (<=1kb)	4	173331701	173333672	419	ENSG00000164104	HMGB2
NR4A2_Medium	chr4	173553157	173553557	Promoter (5-6kb)	4	173548038	173562444	5119	ENSG00000237125	HAND2-AS1
NR4A2_Medium	chr4	173559301	173559701	Promoter (<=1kb)	4	173559154	173583128	147	ENSG00000237125	HAND2-AS1
NR4A2_Medium	chr4	176069232	176069632	Promoter (3-4kb)	4	176065981	176180159	3251	ENSG00000150627	WDR17
NR4A2_Medium	chr4	176275415	176275815	Promoter (6-7kb)	4	176213673				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr5	88347	88747	Promoter (3-4kb)	5	92151	189970	-3404	ENSG00000153404	PLEKHG4B
NR4A2_Medium	chr5	296968	297368	Promoter (6-7kb)	5	304176	434857	-6808	ENSG00000286169	AHRR
NR4A2_Medium	chr5	882561	882961	Promoter (<=1kb)	5	876160	883369	408	ENSG00000028310	BRD9
NR4A2_Medium	chr5	1180360	1180760	Promoter (1-2kb)	5	1173141	1178605	-1755	ENSG00000249201	CTD-3080P12.3
NR4A2_Medium	chr5	1196485	1196885	Promoter (4-5kb)	5	1201595	1223270	-4710	ENSG00000174358	SLC6A19
NR4A2_Medium	chr5	1198775	1199175	Promoter (2-3kb)	5	1201595	1223270	-2420	ENSG00000174358	SLC6A19
NR4A2_Medium	chr5	1229598	1229998	Promoter (4-5kb)	5	1225409	1232839	4189	ENSG00000164363	SLC6A18
NR4A2_Medium	chr5	1255023	1255423	Promoter (9-10kb)	5	1254617	1264534	9111	ENSG00000164362	TERT
NR4A2_Medium	chr5	1312721	1313121	Promoter (3-4kb)	5	1309310	1309377	-3344	ENSG00000263670	MIR4457
NR4A2_Medium	chr5	1703590	1703990	Promoter (4-5kb)	5	1708785	1708868	4878	ENSG00000263746	MIR4277
NR4A2_Medium	chr5	1881280	1881680	Promoter (<=1kb)	5	1878785	1881093	-187	ENSG00000113430	IRX4
NR4A2_Medium	chr5	1894082	1894482	Promoter (6-7kb)	5	1887332	1900493	6750	ENSG00000249326	CTD-2194D22.4
NR4A2_Medium	chr5	3503899	3504299	Promoter (<=1kb)	5	3496229	3504004	0	ENSG00000250716	LINC01017
NR4A2_Medium	chr5	3507497	3507897	Promoter (3-4kb)	5	3496229	3504004	-3493	ENSG00000250716	LINC01017
NR4A2_Medium	chr5	3595528	3595928	Promoter (<=1kb)	5	3595832	3601403	0	ENSG00000170549	IRX1
NR4A2_Medium	chr5	6591768	6592168	Promoter (5-6kb)	5	6585772	6587925	5996	ENSG00000250056	LINC01018
NR4A2_Medium	chr5	6760028	6760428	Promoter (9-10kb)	5	6750380	6751489	9648	ENSG00000112941	TENT4A
NR4A2_Medium	chr5	6823026	6823426	Promoter (4-5kb)	5	6827853	6827921	4495	ENSG00000283420	MIR4278
NR4A2_Medium	chr5	6830790	6831190	Promoter (2-3kb)	5	6827853	6827921	-2869	ENSG00000283420	MIR4278
NR4A2_Medium	chr5	7610158	7610558	Promoter (<=1kb)	5	7611109	7695816	-551	ENSG00000078295	ADCY2
NR4A2_Medium	chr5	9892886	9893286	Promoter (8-9kb)	5	9862882	9884028	-8858	ENSG00000249781	LINC02112
NR4A2_Medium	chr5	10307796	10308196	Promoter (<=1kb)	5	10277595	10307902	0	ENSG00000164237	CMBL
NR4A2_Medium	chr5	10419399	10419799	Promoter (3-4kb)	5	10415599	10417451	3800	ENSG00000145495	MARCHF6
NR4A2_Medium	chr5	13934196	13934596	Promoter (1-2kb)	5	13911357	13932456	-1740	ENSG00000039139	DNAH5
NR4A2_Medium	chr5	14135862	14136262	Promoter (7-8kb)	5	14143342	14510204	-7080	ENSG00000038382	TRIO
NR4A2_Medium	chr5	14504968	14505368	Promoter (6-7kb)	5	14498516	14508333	6452	ENSG00000038382	TRIO
NR4A2_Medium	chr5	14823332	14823732	Promoter (2-3kb)	5	14825929	14826012	2280	ENSG00000264792	MIR4637
NR4A2_Medium	chr5	15258305	15258705	Promoter (7-8kb)	5	15192139	15266541	7836	NA	LINC02149
NR4A2_Medium	chr5	16731008	16731408	Promoter (7-8kb)	5	16666380	16738414	7006	ENSG00000145555	MYO10
NR4A2_Medium	chr5	17649184	17649584	Promoter (6-7kb)	5	17654870	17655847	6263	ENSG00000269466	H3Y1
NR4A2_Medium	chr5	19890246	19890646	Promoter (3-4kb)	5	19473573	19886272	-3974	ENSG00000145526	CDH18
NR4A2_Medium	chr5	19982691	19983091	Promoter (5-6kb)	5	19473579	19988185	5094	ENSG00000145526	CDH18
NR4A2_Medium	chr5	27122320	27122720	Promoter (1-2kb)	5	26915755	27121150	-1170	ENSG00000113100	CDH9
NR4A2_Medium	chr5	31539832	31540232	Promoter (1-2kb)	5	31538173	31545714	1659	ENSG00000082213	C5orf22
NR4A2_Medium	chr5	33626356	33626756	Promoter (2-3kb)	5	33603442	33624351	-2005	ENSG00000151388	ADAMTS12
NR4A2_Medium	chr5	33626918	33627318	Promoter (2-3kb)	5	33603442	33624351	-2567	ENSG00000151388	ADAMTS12
NR4A2_Medium	chr5	34190290	34190690	Promoter (<=1kb)	5	34190056	34193653	234	NA	LOC646652
NR4A2_Medium	chr5	34192358	34192758	Promoter (2-3kb)	5	34190056	34193653	2302	NA	LOC646652
NR4A2_Medium	chr5	34707519	34707919	Promoter (8-9kb)	5	34716086	34807857	-8167	ENSG00000039560	RAI14
NR4A2_Medium	chr5	34734343	34734743	Promoter (5-6kb)	5	34728574	34811071	5769	ENSG00000039560	RAI14
NR4A2_Medium	chr5	34935534	34935934	Promoter (<=1kb)	5	34936204	34950342	-270	ENSG00000168724	DNAJC21
NR4A2_Medium	chr5	35017092	35017492	Promoter (8-9kb)	5	35012397	35025833	8341	ENSG00000113492	AGXT2
NR4A2_Medium	chr5	35707755	35708155	Promoter (7-8kb)	5	35700623	35705791	7132	ENSG00000152582	SPEF2
NR4A2_Medium	chr5	35708466	35708866	Promoter (7-8kb)	5	35700623	35705791	7843	ENSG00000152582	SPEF2
NR4A2_Medium	chr5	37348324	37348724	Promoter (1-2kb)	5	37342397	37350202	1478	ENSG00000113569	NUP155
NR4A2_Medium	chr5	37356414	37356814	Promoter (6-7kb)	5	37342397	37350202	-6212	ENSG00000113569	NUP155
NR4A2_Medium	chr5	37811229	37811629	Promoter (<=1kb)	5	37811589	37874894	0	NA	GDNF-AS1
NR4A2_Medium	chr5	37834387	37834787	Promoter (<=1kb)	5	37812677	37834822	35	ENSG00000168621	GDNF
NR4A2_Medium	chr5	41155271	41155671	Promoter (<=1kb)	5	41152747	41155104	-167	ENSG00000039537	C6
NR4A2_Medium	chr5	41218285	41218685	Promoter (4-5kb)	5	41203138	41213595	-4690	ENSG00000039537	C6
NR4A2_Medium	chr5	42511696	42512096	Promoter (2-3kb)	5	42514147	42619821	-2051	ENSG00000112964	GHR
NR4A2_Medium	chr5	42991475	42991875	Promoter (1-2kb)	5	42983636	42992938	1063	ENSG00000287263	FLJ32255
NR4A2_Medium	chr5	43183034	43183434	Promoter (8-9kb)	5	43192071	43245330	-8637	ENSG00000177453	NIM1K
NR4A2_Medium	chr5	54380975	54381375	Promoter (9-10kb)	5	54390838	54401829	-9463	ENSG00000249069	LINC01033
NR4A2_Medium	chr5	55730053	55730453	Promoter (7-8kb)	5	55738017	55816777	-7564	ENSG00000152670	DDX4
NR4A2_Medium	chr5	56889376	56889776	Promoter (3-4kb)	5	56885953	56896152	3423	ENSG00000095015	MAP3K1
NR4A2_Medium	chr5	57243113	57243513	Promoter (1-2kb)	5	57245468	57251012	-1955	ENSG00000062194	GPBP1
NR4A2_Medium	chr5	57577099	57577499	Promoter (1-2kb)	5	57576091	57617430	1008	ENSG00000249436	LINC00003
NR4A2_Medium	chr5	58484057	58484457	Promoter (6-7kb)	5	58491435	58494742	-6978	ENSG00000175857	GAPT
NR4A2_Medium	chr5	59006632	59007032	Promoter (6-7kb)	5	58974018	58999932	-6700	ENSG00000113448	PDE4D
NR4A2_Medium	chr5	59706187	59706587	Promoter (2-3kb)	5	59703606	59703703	-2484	ENSG00000202601	MIR582
NR4A2_Medium	chr5	60494023	60494423	Promoter (5-6kb)	5	60488207	60526418	5816	ENSG00000152931	PART1
NR4A2_Medium	chr5	60927927	60928327	Promoter (9-10kb)	5	60898324	60918613	-9314	ENSG00000049167	ERCC8
NR4A2_Medium	chr5	62398977	62399377	Promoter (4-5kb)	5	62392812	62403891	4514	ENSG00000086189	DIMT1
NR4A2_Medium	chr5	62509797	62510197	Promoter (5-6kb)	5	62515451	62526745	-5254	ENSG00000086200	IPO11
NR4A2_Medium	chr5	64173059	64173459	Promoter (6-7kb)	5	64166162	64213647	6897	ENSG00000164197	RNF180
NR4A2_Medium	chr5	64505623	64506023	Promoter (<=1kb)	5	64506015	64612319	0	ENSG00000186479	RGSTBP
NR4A2_Medium	chr5	65268318	65268718	Promoter (5-6kb)	5	65256390	65262937	-5381	ENSG00000049192	ADAMTS6
NR4A2_Medium	chr5	65529924	65530324	Promoter (<=1kb)	5	65528980	65529786	-138	ENSG00000123219	CENPK
NR4A2_Medium	chr5	65713293	65713693	Promoter (8-9kb)	5	65665928	65722109	8416	ENSG00000197860	SGTB
NR4A2_Medium	chr5	66034644	66035044	Promoter (9-10kb)	5	66025306	66025977	9338	ENSG00000112851	ERBIN
NR4A2_Medium	chr5	66062458	66062858	Promoter (6-7kb)	5	66068877	66075230	-6019	ENSG00000112851	ERBIN
NR4A2_Medium	chr5	66139702	66140102	Promoter (<=1kb)	5	66139971	66162273	0	ENSG00000153914	SREK1
NR4A2_Medium	chr5	72112335	72112735	Promoter (4-5kb)	5	72107486	72195314	4849	ENSG00000131711	MAP1B
NR4A2_Medium	chr5	72664560	72664960	Promoter (3-4kb)	5	72574120	72660669	-3891	ENSG00000248371	LINC02056
NR4A2_Medium	chr5	72846337	72846737	Promoter (1-2kb)	5	72848170	72861915	-1433	ENSG00000083312	TNPO1
NR4A2_Medium	chr5	73030138	73030538	Promoter (3-4kb)	5	73034468	73037192	-3930	ENSG00000157107	FCHO2
NR4A2_Medium	chr5	73165771	73166171	Promoter (7-8kb)	5	73173193	73175143	-7022	ENSG00000164325	TMEM174
NR4A2_Medium	chr5	73440921	73441321	Promoter (7-8kb)	5	73446266	73448777	7456	ENSG00000251493	FOXD1
NR4A2_Medium	chr5	73683989	73684389	Promoter (<=1kb)	5	73684832	73941589	-443	ENSG00000214944	ARHGEF28
NR4A2_Medium	chr5	74679614	74680014	Promoter (5-6kb)	5	74685196	74706168	-5182	ENSG00000049860	HEXB
NR4A2_Medium	chr5	74744885	74745285	Promoter (3-4kb)	5	74739989	74741848	-3037	ENSG00000164347	GFM2
NR4A2_Medium	chr5	75632360	75632760	Promoter (1-2kb)	5	75634652	75669337	-1892	ENSG00000189045	ANKDD1B
NR4A2_Medium	chr5	76409193	76409593	Promoter (4-5kb)	5	76404424	76665051	4769	ENSG00000145703	IQGAP2
NR4A2_Medium	chr5	77108566	77108966	Promoter (9-10kb)	5	77118320	77148110	-9354	ENSG00000250802	ZBED3-AS1
NR4A2_Medium	chr5	77134599	77134999	Promoter (4-5kb)	5	77139249	77148523	-4250	ENSG00000250802	ZBED3-AS1
NR4A2_Medium	chr5	77700671	77701071	Promoter (6-7kb)	5	77691259	77694277	-6394	ENSG00000171530	TBCA
NR4A2_Medium	chr5	77965623	77966023	Promoter (7-8kb)	5	77958243	77959092	7380	ENSG00000287162	LOC101929154
NR4A2_Medium	chr5	78423445	78423845	Promoter (6-7kb)	5	78416603	78478815	6842	ENSG00000085365	SCAMP1
NR4A2_Medium	chr5	78460998	78461398	Promoter (3-4kb)	5	78457793	78476829	3205	ENSG00000085365	SCAMP1
NR4A2_Medium	chr5	78949504	78949904	Promoter (5-6kb)	5	78884294	78955374	5470	ENSG00000113273	ARSB
NR4A2_Medium	chr5	80027998	80028398	Promoter (6-7kb)	5	80035348	80083287	-6950	ENSG00000113296	THBS4
NR4A2_Medium	chr5	80159422	80159822	Promoter (7-8kb)	5	80156994	80167180	7358	ENSG00000164300	SERINC5
NR4A2_Medium	chr5	80570672	80571072	Promoter (<=1kb)	5	80556755	80570280	-392	ENSG00000189127	ANKRD34B
NR4A2_Medium	chr5	82281076	82281476	Promoter (1-2kb)	5	82279462	82318803	1614	ENSG00000205464	ATP6AP1L
NR4A2_Medium	chr5	88401458	88401858	Promoter (7-8kb)	5	88408981	88436665	-7123	ENSG00000247828	TMEM161B-AS1
NR4A2_Medium										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr5	98871044	98871444	Promoter (<=1kb)	5	98863408	98870790	-254	ENSG00000153922	CHD1
NR4A2_Medium	chr5	98896655	98897055	Promoter (8-9kb)	5	98881247	98888186	-8469	ENSG00000153922	CHD1
NR4A2_Medium	chr5	100810491	100810891	Promoter (5-6kb)	5	100816482	100816565	5674	ENSG00000221263	MIR548P
NR4A2_Medium	chr5	103550806	103551206	Promoter (4-5kb)	5	103554502	103556089	4883	ENSG00000112874	NUDT12
NR4A2_Medium	chr5	107379124	107379524	Promoter (9-10kb)	5	107380984	107388553	9029	ENSG00000184349	EFNA5
NR4A2_Medium	chr5	107510163	107510563	Promoter (3-4kb)	5	107427217	107506191	-3972	ENSG00000184349	EFNA5
NR4A2_Medium	chr5	108388600	108389000	Promoter (6-7kb)	5	107859045	108382098	-6502	ENSG00000145743	FBXL17
NR4A2_Medium	chr5	111721293	111721693	Promoter (8-9kb)	5	111730389	111732181	-8696	ENSG00000246859	STARD4-AS1
NR4A2_Medium	chr5	111757851	111758251	Promoter (<=1kb)	5	111730658	111758070	0	ENSG00000134986	NREP
NR4A2_Medium	chr5	113303415	113303815	Promoter (8-9kb)	5	113022099	113294949	-8466	ENSG00000171444	MCC
NR4A2_Medium	chr5	114672104	114672504	Promoter (3-4kb)	5	114475339	114668410	-3694	NA	LOC101927078
NR4A2_Medium	chr5	115283699	115284099	Promoter (6-7kb)	5	115275335	115277185	-6514	ENSG00000164221	CCDC112
NR4A2_Medium	chr5	115992192	115992592	Promoter (2-3kb)	5	115995377	116026420	-2785	ENSG00000172901	LVRN
NR4A2_Medium	chr5	116091666	116092066	Promoter (<=1kb)	5	116091079	116292916	587	ENSG00000145781	COMMD10
NR4A2_Medium	chr5	116492526	116492926	Promoter (2-3kb)	5	116486749	116495445	2519	ENSG00000092421	SEMA6A
NR4A2_Medium	chr5	116549847	116550247	Promoter (4-5kb)	5	116496251	116554896	4649	ENSG00000092421	SEMA6A
NR4A2_Medium	chr5	118571103	118571503	Promoter (8-9kb)	5	118545739	118562199	-8904	NA	LINC02208
NR4A2_Medium	chr5	119163710	119164110	Promoter (3-4kb)	5	119167629	119170535	-3519	ENSG00000172869	DMXL1
NR4A2_Medium	chr5	122163886	122164286	Promoter (3-4kb)	5	122160191	122180061	3695	ENSG00000250803	LOC100505841
NR4A2_Medium	chr5	122724977	122725377	Promoter (2-3kb)	5	122699390	122722214	-2763	ENSG00000251538	LINC02201
NR4A2_Medium	chr5	126596099	126596499	Promoter (<=1kb)	5	126544153	126595362	-737	ENSG00000164904	ALDH7A1
NR4A2_Medium	chr5	127034593	127034993	Promoter (4-5kb)	5	126867714	127030558	-4035	ENSG00000173926	MARCHF3
NR4A2_Medium	chr5	131178622	131179022	Promoter (6-7kb)	5	131159478	131171735	-6887	ENSG00000169567	HINT1
NR4A2_Medium	chr5	131881293	131881693	Promoter (2-3kb)	5	131807123	131879020	-2273	ENSG00000239642	MEIKIN
NR4A2_Medium	chr5	131983492	131983892	Promoter (4-5kb)	5	131981859	131988090	4198	ENSG00000164398	ACSL6
NR4A2_Medium	chr5	132007532	132007932	Promoter (3-4kb)	5	131951790	132011563	3631	ENSG00000164398	ACSL6
NR4A2_Medium	chr5	132053215	132053615	Promoter (7-8kb)	5	132060655	132063204	-7040	ENSG00000164399	IL3
NR4A2_Medium	chr5	132231916	132232316	Promoter (3-4kb)	5	132217779	132228258	-3658	ENSG00000072682	P4HA2
NR4A2_Medium	chr5	132645898	132646298	Promoter (4-5kb)	5	132630589	132641773	-4125	ENSG00000223442	TH2LCRR
NR4A2_Medium	chr5	132798911	132799311	Promoter (7-8kb)	5	132763824	132807241	7930	ENSG00000164402	SEPTIN8
NR4A2_Medium	chr5	132929967	132930367	Promoter (2-3kb)	5	132898283	132927562	-2405	ENSG00000072364	AFF4
NR4A2_Medium	chr5	133059592	133059992	Promoter (7-8kb)	5	133052241	133103908	7351	ENSG00000170606	HSPA4
NR4A2_Medium	chr5	134145612	134146012	Promoter (2-3kb)	5	134142792	134151865	2820	ENSG00000081059	TCF7
NR4A2_Medium	chr5	134456053	134456453	Promoter (4-5kb)	5	134429051	134460615	4162	ENSG00000250564	LOC102546229
NR4A2_Medium	chr5	134871054	134871454	Promoter (2-3kb)	5	134873803	134901525	-2349	ENSG00000113621	TXNDC15
NR4A2_Medium	chr5	135137018	135137418	Promoter (8-9kb)	5	135128155	135337973	8863	ENSG00000224186	C5orf66
NR4A2_Medium	chr5	135237797	135238197	Promoter (9-10kb)	5	135247046	135247815	9618	ENSG00000249647	C5orf66-AS2
NR4A2_Medium	chr5	135400314	135400714	Promoter (<=1kb)	5	135369368	135399914	-400	ENSG00000113648	MACROH2A1
NR4A2_Medium	chr5	135439066	135439466	Promoter (7-8kb)	5	135444214	135447348	7882	ENSG00000251380	DCANP1
NR4A2_Medium	chr5	136169280	136169680	Promoter (4-5kb)	5	136174469	136188747	-4789	ENSG00000113658	SMAD5
NR4A2_Medium	chr5	136217072	136217472	Promoter (8-9kb)	5	136213349	136226437	8965	ENSG00000069018	TRPC7
NR4A2_Medium	chr5	136219358	136219758	Promoter (6-7kb)	5	136213349	136226437	6679	ENSG00000069018	TRPC7
NR4A2_Medium	chr5	137869662	137870062	Promoter (1-2kb)	5	137867876	137887528	1786	ENSG00000120729	MYOT
NR4A2_Medium	chr5	138157935	138158335	Promoter (1-2kb)	5	138156882	138160129	1794	ENSG00000112983	BRD8
NR4A2_Medium	chr5	138197058	138197458	Promoter (1-2kb)	5	138189670	138198623	1165	ENSG00000094880	CDC23
NR4A2_Medium	chr5	138556867	138557267	Promoter (<=1kb)	5	138555827	138557891	624	ENSG00000113013	HSPA9
NR4A2_Medium	chr5	138654719	138655119	Promoter (8-9kb)	5	138663837	138783353	-8718	ENSG00000044115	CTNNA1
NR4A2_Medium	chr5	138894213	138894613	Promoter (7-8kb)	5	138886229	138904792	7984	ENSG00000044115	CTNNA1
NR4A2_Medium	chr5	139339698	139340098	Promoter (1-2kb)	5	139341587	139364704	-1489	ENSG00000120727	PAIP2
NR4A2_Medium	chr5	139644736	139645136	Promoter (2-3kb)	5	139647299	139680729	-2163	ENSG00000171604	CXXC5
NR4A2_Medium	chr5	139671050	139671450	Promoter (3-4kb)	5	139675436	139681066	-3986	ENSG00000171604	CXXC5
NR4A2_Medium	chr5	139826582	139826982	Promoter (4-5kb)	5	139821890	139836881	4692	ENSG00000146005	PSD2
NR4A2_Medium	chr5	140272899	140273299	Promoter (8-9kb)	5	140245347	140281535	8236	ENSG00000113068	PFDN1
NR4A2_Medium	chr5	140580343	140580743	Promoter (6-7kb)	5	140563890	140574197	-6146	ENSG00000113108	APBB3
NR4A2_Medium	chr5	140581764	140582164	Promoter (7-8kb)	5	140563890	140574197	-7567	ENSG00000113108	APBB3
NR4A2_Medium	chr5	141495237	141495637	Promoter (6-7kb)	5	141489167	141491929	6070	ENSG00000240764	PCDHGC5
NR4A2_Medium	chr5	141644861	141645261	Promoter (1-2kb)	5	141644630	141646364	1103	ENSG00000197948	FCHSD1
NR4A2_Medium	chr5	141944441	141944841	Promoter (7-8kb)	5	141937074	141938948	7367	ENSG00000081791	DELE1
NR4A2_Medium	chr5	142382999	142383399	Promoter (6-7kb)	5	142390322	142533702	-6923	ENSG00000231185	SPRY4-AS1
NR4A2_Medium	chr5	142646855	142647255	Promoter (2-3kb)	5	142592179	142644301	-2554	ENSG00000113578	FGF1
NR4A2_Medium	chr5	142706043	142706443	Promoter (7-8kb)	5	142592179	142698070	-7973	ENSG00000113578	FGF1
NR4A2_Medium	chr5	142718537	142718937	Promoter (2-3kb)	5	142716245	142760998	2292	ENSG00000236714	LINC01844
NR4A2_Medium	chr5	146877175	146877575	Promoter (1-2kb)	5	146589947	146878581	1006	ENSG00000156475	PPP2R2B
NR4A2_Medium	chr5	147378660	147379060	Promoter (3-4kb)	5	147382898	147383949	-3838	ENSG00000169302	STK32A
NR4A2_Medium	chr5	147445308	147445708	Promoter (7-8kb)	5	147408728	147453665	7957	ENSG00000113657	DPYSL3
NR4A2_Medium	chr5	147862063	147862463	Promoter (8-9kb)	5	147870682	147882190	-8219	ENSG00000164265	SCGB3A2
NR4A2_Medium	chr5	148419907	148420307	Promoter (3-4kb)	5	148423749	148427270	-3442	ENSG00000145868	FBXO38
NR4A2_Medium	chr5	148815577	148815977	Promoter (9-10kb)	5	148825245	148828687	-9268	ENSG00000169252	ADRB2
NR4A2_Medium	chr5	149063701	149064101	Promoter (<=1kb)	5	149063609	149107138	92	ENSG00000250072	SH3TC2-DT
NR4A2_Medium	chr5	149275028	149275428	Promoter (3-4kb)	5	149271919	149340121	3109	ENSG00000157510	AFAP1L1
NR4A2_Medium	chr5	149416766	149417166	Promoter (3-4kb)	5	149420528	149425670	-3362	NA	CARMN
NR4A2_Medium	chr5	149996433	149996833	Promoter (3-4kb)	5	150000046	150053142	-3213	ENSG00000113716	HMGXB3
NR4A2_Medium	chr5	150275438	150275838	Promoter (2-3kb)	5	150238717	150273126	-2312	ENSG00000070808	CAMK2A
NR4A2_Medium	chr5	150355781	150356181	Promoter (1-2kb)	5	150357629	150398429	-1448	ENSG00000070814	TCOF1
NR4A2_Medium	chr5	150458644	150459044	Promoter (8-9kb)	5	150442635	150449739	-8905	ENSG00000164587	RPS14
NR4A2_Medium	chr5	150487388	150487788	Promoter (1-2kb)	5	150486331	150521227	1057	ENSG00000070614	NDST1
NR4A2_Medium	chr5	150542459	150542859	Promoter (9-10kb)	5	150552561	150553711	-9702	ENSG00000070614	NDST1
NR4A2_Medium	chr5	150602955	150603355	Promoter (1-2kb)	5	150601080	150654232	1875	ENSG00000171992	SYNPO
NR4A2_Medium	chr5	150660597	150660997	Promoter (<=1kb)	5	150660874	150677015	0	ENSG00000164591	MYOZ3
NR4A2_Medium	chr5	151918019	151918419	Promoter (6-7kb)	5	151849691	151924832	6413	ENSG00000145888	GLRA1
NR4A2_Medium	chr5	152191501	152191901	Promoter (2-3kb)	5	152194423	152270412	-2522	ENSG00000254226	LINC01933
NR4A2_Medium	chr5	152206865	152207265	Promoter (9-10kb)	5	152217074	152270432	-9809	ENSG00000254226	LINC01933
NR4A2_Medium	chr5	152408536	152408936	Promoter (3-4kb)	5	152391532	152405279	-3257	ENSG00000132911	NMUR2
NR4A2_Medium	chr5	154050202	154050602	Promoter (<=1kb)	5	154049602	154053002	600	ENSG00000037749	MFAP3
NR4A2_Medium	chr5	154185830	154186230	Promoter (4-5kb)	5	154190730	154389581	-4500	ENSG00000164574	GALNT10
NR4A2_Medium	chr5	154715499	154715899	Promoter (2-3kb)	5	154712843	154817605	2656	ENSG00000155506	LARP1
NR4A2_Medium	chr5	154760002	154760402	Promoter (2-3kb)	5	154757174	154804208	2828	ENSG00000155506	LARP1
NR4A2_Medium	chr5	155006697	155007097	Promoter (6-7kb)	5	155013755	155018141	-6658	ENSG00000226650	KIF4B
NR4A2_Medium	chr5	157386622	157387022	Promoter (2-3kb)	5	157384306	157390638	2316	ENSG00000055163	CYFIP2
NR4A2_Medium	chr5	157453061	157453461	Promoter (6-7kb)	5	157460019	157473100	-6558	ENSG00000172548	NIPAL4
NR4A2_Medium	chr5	157466834	157467234	Promoter (6-7kb)	5	157460329	157468740	6505	ENSG00000172548	NIPAL4
NR4A2_Medium	chr5	157575201	157575601	Promoter (<=1kb)	5	157481227	157575741	140	ENSG00000135074	ADAM19
NR4A2_Medium	chr5	157865695	157866095	Promoter (6-7kb)	5	15				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr5	173705215	173705615	Promoter (9–10kb)	5	173708142	173714961	9346	ENSG00000253686	LINC01484
NR4A2_Medium	chr5	174067665	174068065	Promoter (5–6kb)	5	174062572	174108447	5093	ENSG00000170091	NSG2
NR4A2_Medium	chr5	174715491	174715891	Promoter (8–9kb)	5	174724582	174730896	-8691	ENSG00000120149	MSX2
NR4A2_Medium	chr5	175476252	175476652	Promoter (<=1kb)	5	175477062	175510207	-410	ENSG00000164466	SFXN1
NR4A2_Medium	chr5	175680985	175681385	Promoter (1–2kb)	5	175683168	175710725	-1783	ENSG00000113749	HRH2
NR4A2_Medium	chr5	176151330	176151730	Promoter (3–4kb)	5	176143450	176148047	-3283	ENSG00000248596	LOC643201
NR4A2_Medium	chr5	176413103	176413503	Promoter (2–3kb)	5	176392642	176416261	2758	ENSG00000175416	CLTB
NR4A2_Medium	chr5	176577062	176577462	Promoter (9–10kb)	5	176586651	176590661	-9189	ENSG00000074276	CDHR2
NR4A2_Medium	chr5	176617132	176617532	Promoter (6–7kb)	5	176595802	176610156	-6976	ENSG00000169258	GPRIN1
NR4A2_Medium	chr5	176742957	176743357	Promoter (<=1kb)	5	176743205	176743871	0	ENSG00000248859	LINC01574
NR4A2_Medium	chr5	177089926	177090326	Promoter (<=1kb)	5	177089603	177093068	323	ENSG00000160867	FGFR4
NR4A2_Medium	chr5	177326996	177327396	Promoter (7–8kb)	5	177331954	177334552	7156	ENSG00000169223	LMAN2
NR4A2_Medium	chr5	177544553	177544953	Promoter (5–6kb)	5	177537987	177539351	-5202	ENSG00000146067	FAM193B
NR4A2_Medium	chr5	177632161	177632561	Promoter (<=1kb)	5	177619059	177631535	-626	NA	LOC202181
NR4A2_Medium	chr5	177704517	177704917	Promoter (9–10kb)	5	177713069	177714152	9235	ENSG00000170074	FAM153A
NR4A2_Medium	chr5	178104233	178104633	Promoter (8–9kb)	5	178113532	178126081	-8899	ENSG00000145911	N4BP3
NR4A2_Medium	chr5	178269457	178269857	Promoter (3–4kb)	5	178263208	178265834	-3623	ENSG00000050767	COL23A1
NR4A2_Medium	chr5	178945327	178945727	Promoter (2–3kb)	5	178942428	178948116	2899	ENSG00000178187	ZNF454
NR4A2_Medium	chr5	178994987	178995387	Promoter (<=1kb)	5	178978327	178995123	0	ENSG00000113262	GRM6
NR4A2_Medium	chr5	179051679	179052079	Promoter (8–9kb)	5	179060373	179083977	-8294	ENSG00000177932	ZNF354C
NR4A2_Medium	chr5	180213508	180213908	Promoter (4–5kb)	5	180100795	180209211	-4297	ENSG00000146090	RASGEF1C
NR4A2_Medium	chr5	180243815	180244215	Promoter (<=1kb)	5	180236526	180242900	-915	ENSG00000050748	MAPK9
NR4A2_Medium	chr5	180503398	180503798	Promoter (8–9kb)	5	180494707	180564682	8691	ENSG00000113300	CNOT6
NR4A2_Medium	chr5	180594779	180595179	Promoter (3–4kb)	5	180590105	180591499	-3280	ENSG00000161055	SCGB3A1
NR4A2_Medium	chr5	180599589	180599989	Promoter (8–9kb)	5	180590105	180591499	-8090	ENSG00000161055	SCGB3A1
NR4A2_Medium	chr5	181216872	181217272	Promoter (5–6kb)	5	181222499	181234326	-5227	ENSG00000146063	TRIM41
NR4A2_Medium	chr5	181227679	181228079	Promoter (2–3kb)	5	181224691	181233524	2988	ENSG00000146063	TRIM41
NR4A2_Medium	chr6	686165	686565	Promoter (6–7kb)	6	679143	693108	6543	ENSG00000112685	EXOC2
NR4A2_Medium	chr6	690801	691201	Promoter (1–2kb)	6	679143	693108	1907	ENSG00000112685	EXOC2
NR4A2_Medium	chr6	1399161	1399561	Promoter (8–9kb)	6	1390314	1390411	-8750	ENSG00000275859	MIR6720
NR4A2_Medium	chr6	1964948	1965348	Promoter (4–5kb)	6	1959706	1960909	-4039	ENSG00000112699	GMDS
NR4A2_Medium	chr6	1966254	1966654	Promoter (5–6kb)	6	1959706	1960909	-5345	ENSG00000112699	GMDS
NR4A2_Medium	chr6	2169856	2170256	Promoter (5–6kb)	6	1623806	2175991	5735	ENSG00000112699	GMDS
NR4A2_Medium	chr6	2635489	2635889	Promoter (<=1kb)	6	2621947	2634619	-870	ENSG00000164385	LINC01600
NR4A2_Medium	chr6	2842801	2843201	Promoter (<=1kb)	6	2835856	2841959	-842	ENSG00000021355	SERPINB1
NR4A2_Medium	chr6	3003054	3003454	Promoter (<=1kb)	6	3004167	3010189	-713	ENSG00000124588	NQO2
NR4A2_Medium	chr6	3226642	3227042	Promoter (<=1kb)	6	3224277	3227653	611	ENSG00000137285	TUBB2B
NR4A2_Medium	chr6	3259512	3259912	Promoter (<=1kb)	6	3259060	3291984	452	ENSG00000180822	PSMG4
NR4A2_Medium	chr6	3437351	3437751	Promoter (1–2kb)	6	3283874	3439418	1667	ENSG00000137266	SLC22A23
NR4A2_Medium	chr6	5011668	5012068	Promoter (7–8kb)	6	5001776	5004063	-7605	ENSG00000124787	RPP40
NR4A2_Medium	chr6	7339030	7339430	Promoter (8–9kb)	6	7301333	7347446	8016	ENSG00000124783	SSR1
NR4A2_Medium	chr6	10750110	10750510	Promoter (<=1kb)	6	10749964	10756697	146	ENSG00000137210	TMEM14B
NR4A2_Medium	chr6	11097290	11097690	Promoter (3–4kb)	6	11094231	11135811	3059	ENSG00000224531	SMIM13
NR4A2_Medium	chr6	11780924	11781324	Promoter (1–2kb)	6	11735570	11779628	-1296	ENSG00000111863	ADTRP
NR4A2_Medium	chr6	11995123	11995523	Promoter (5–6kb)	6	11990338	12001286	5763	ENSG00000225102	LOC101928253
NR4A2_Medium	chr6	12591214	12591614	Promoter (5–6kb)	6	12582915	12585404	-5810	ENSG00000234015	LINC02530
NR4A2_Medium	chr6	13056234	13056634	Promoter (2–3kb)	6	13053457	13230404	2777	ENSG00000112137	PHACTR1
NR4A2_Medium	chr6	14110246	14110646	Promoter (6–7kb)	6	14117256	14136918	-6610	ENSG00000112149	CD83
NR4A2_Medium	chr6	15240131	15240531	Promoter (5–6kb)	6	15246069	15522042	-5538	ENSG00000008083	JARID2
NR4A2_Medium	chr6	16136370	16136770	Promoter (4–5kb)	6	16141556	16141624	-4786	ENSG00000263712	MIR4639
NR4A2_Medium	chr6	19753327	19753727	Promoter (<=1kb)	6	19689825	19753113	-214	ENSG00000228412	LNC-LBCS
NR4A2_Medium	chr6	19807183	19807583	Promoter (2–3kb)	6	19707453	19804827	-2356	ENSG00000228412	LNC-LBCS
NR4A2_Medium	chr6	19838549	19838949	Promoter (1–2kb)	6	19837370	19842197	1179	ENSG00000172201	ID4
NR4A2_Medium	chr6	20208362	20208762	Promoter (3–4kb)	6	20099684	20212469	3707	ENSG00000172197	MBOAT1
NR4A2_Medium	chr6	20410726	20411126	Promoter (7–8kb)	6	20403679	20493714	7047	ENSG00000112242	E2F3
NR4A2_Medium	chr6	21199111	21199511	Promoter (1–2kb)	6	21200812	21231441	-1301	ENSG00000145996	CDKAL1
NR4A2_Medium	chr6	21764851	21765251	Promoter (6–7kb)	6	21758478	22194224	6373	NA	CASC15
NR4A2_Medium	chr6	21907121	21907521	Promoter (<=1kb)	6	21908313	22111146	-792	NA	CASC15
NR4A2_Medium	chr6	21946457	21946857	Promoter (7–8kb)	6	21954422	22195127	-7565	NA	CASC15
NR4A2_Medium	chr6	21980933	21981333	Promoter (1–2kb)	6	21978973	22194227	1960	NA	CASC15
NR4A2_Medium	chr6	24403344	24403744	Promoter (<=1kb)	6	24403192	24418561	152	ENSG00000124532	MRS2
NR4A2_Medium	chr6	25268012	25268412	Promoter (6–7kb)	6	25230235	25261446	-6566	NA	LOC101928663
NR4A2_Medium	chr6	25500839	25501239	Promoter (5–6kb)	6	25495121	25619693	5718	ENSG00000079691	CARMIL1
NR4A2_Medium	chr6	25756473	25756873	Promoter (1–2kb)	6	25754742	25781199	1731	ENSG00000146039	SLC17A4
NR4A2_Medium	chr6	25881353	25881753	Promoter (<=1kb)	6	25845100	25882286	533	ENSG00000124564	SLC17A3
NR4A2_Medium	chr6	25929083	25929483	Promoter (1–2kb)	6	25912754	25930611	1128	ENSG00000112337	SLC17A2
NR4A2_Medium	chr6	26052273	26052673	Promoter (3–4kb)	6	26055787	26056428	3755	ENSG00000187837	H1-2
NR4A2_Medium	chr6	26053399	26053799	Promoter (2–3kb)	6	26055787	26056428	2629	ENSG00000187837	H1-2
NR4A2_Medium	chr6	26077544	26077944	Promoter (9–10kb)	6	26087281	26094368	-9337	ENSG00000010704	HFE
NR4A2_Medium	chr6	26087588	26087988	Promoter (<=1kb)	6	26087439	26094553	149	ENSG00000010704	HFE
NR4A2_Medium	chr6	26188476	26188876	Promoter (<=1kb)	6	26188765	26189076	200	ENSG00000277157	H4C4
NR4A2_Medium	chr6	26382593	26382993	Promoter (<=1kb)	6	26383096	26394874	-103	ENSG00000124508	BTN2A2
NR4A2_Medium	chr6	28255290	28255690	Promoter (3–4kb)	6	28241697	28252269	-3021	ENSG00000187626	ZKSCAN4
NR4A2_Medium	chr6	33595969	33596369	Promoter (2–3kb)	6	33586106	33593338	-2631	ENSG00000197251	LINC00336
NR4A2_Medium	chr6	34072857	34073257	Promoter (9–10kb)	6	34022138	34063635	-9222	ENSG00000124493	GRM4
NR4A2_Medium	chr6	34154218	34154618	Promoter (1–2kb)	6	34021854	34155622	1004	ENSG00000124493	GRM4
NR4A2_Medium	chr6	34428855	34429255	Promoter (2–3kb)	6	34284887	34426071	-2784	ENSG00000272325	NUDT3
NR4A2_Medium	chr6	34435653	34436053	Promoter (9–10kb)	6	34284887	34426071	-9582	ENSG00000272325	NUDT3
NR4A2_Medium	chr6	34516589	34516989	Promoter (1–2kb)	6	34514890	34527694	1699	ENSG00000124507	PACSL1
NR4A2_Medium	chr6	35259345	35259745	Promoter (<=1kb)	6	35259471	35292642	0	ENSG00000065029	ZNF76
NR4A2_Medium	chr6	35351670	35352070	Promoter (9–10kb)	6	35342614	35428178	9056	ENSG00000112033	PPARD
NR4A2_Medium	chr6	35885600	35886000	Promoter (9–10kb)	6	35874240	35895719	9719	ENSG00000096063	SRPK1
NR4A2_Medium	chr6	36379658	36380058	Promoter (7–8kb)	6	36354091	36387566	7508	ENSG00000010030	ETV7
NR4A2_Medium	chr6	36432905	36433305	Promoter (9–10kb)	6	36442767	36491143	-9462	ENSG00000112078	KCTD20
NR4A2_Medium	chr6	36705420	36705820	Promoter (7–8kb)	6	36697826	36733184	7594	ENSG00000255587	RAB44
NR4A2_Medium	chr6	36943672	36944072	Promoter (4–5kb)	6	36948263	36964820	-4191	ENSG00000164530	PI16
NR4A2_Medium	chr6	36990165	36990565	Promoter (3–4kb)	6	36968141	36986298	-3867	ENSG00000137409	MTCH1
NR4A2_Medium	chr6	37000735	37001135	Promoter (4–5kb)	6	37005646	37010031	-4511	ENSG00000146192	FGD2
NR4A2_Medium	chr6	37266136	37266536	Promoter (7–8kb)	6	37217324	37258155	-7981	ENSG00000172738	TMEM217
NR4A2_Medium	chr6	37436377	37436777	Promoter (3–4kb)	6	37433221	37481508	3156	ENSG00000137200	CMTR1
NR4A2_Medium	chr6	37490698	37491098	Promoter (8–9kb)	6	37482938	37499893	8795	ENSG00000198937	CCDC167
NR4A2_Medium	chr6	37556675	37557075	Promoter (1–2kb)	6	37555365	37555422	-1253	ENSG00000263926	MIR4462
NR4A2_Medium	chr6	37937270	37937670	Promoter (7–8kb)	6	37929959	38142331	7311	ENSG00000156639	ZFAND3
NR4A2_Medium	chr6	38051591	38051991	Promoter (9–10kb)	6	38061611	38062660	-9620	ENSG00000156639	ZFAND3
NR4A2_Medium	chr6	39797063	39797463	Promoter (4–5kb)	6	39793018	39904872	4045	ENSG00000146122	DAAM2
NR4A2_Medium	chr6	40345358								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr6	42952422	42952822	Promoter (7-8kb)	6	42960754	42963880	-7932	ENSG00000124713	GNMT
NR4A2_Medium	chr6	43221673	43222073	Promoter (<=1kb)	6	43221757	43222997	0	ENSG00000112659	CUL9
NR4A2_Medium	chr6	43293838	43294238	Promoter (1-2kb)	6	43295694	43299520	-1456	ENSG00000137204	SLC22A7
NR4A2_Medium	chr6	43333923	43334323	Promoter (2-3kb)	6	43307134	43331856	-2067	ENSG00000146215	CRIP3
NR4A2_Medium	chr6	43439542	43439942	Promoter (<=1kb)	6	43438711	43442061	831	ENSG00000124574	ABCC10
NR4A2_Medium	chr6	43456878	43457278	Promoter (<=1kb)	6	43450354	43456632	-246	ENSG00000171462	DLK2
NR4A2_Medium	chr6	43501966	43502366	Promoter (<=1kb)	6	43501526	43506553	440	ENSG00000137221	TJAP1
NR4A2_Medium	chr6	43534688	43535088	Promoter (5-6kb)	6	43524534	43528913	-5775	ENSG00000124571	XPO5
NR4A2_Medium	chr6	43541865	43542265	Promoter (5-6kb)	6	43528159	43547675	5410	ENSG00000124571	XPO5
NR4A2_Medium	chr6	44215536	44215936	Promoter (<=1kb)	6	44216926	44218234	-990	ENSG00000262179	MYMX
NR4A2_Medium	chr6	44348997	44349397	Promoter (6-7kb)	6	44342940	44377164	6057	ENSG00000249481	SPATS1
NR4A2_Medium	chr6	46645299	46645699	Promoter (7-8kb)	6	46549580	46652818	7119	ENSG00000146233	CYP39A1
NR4A2_Medium	chr6	46798223	46798623	Promoter (4-5kb)	6	46793399	46839782	4824	ENSG00000112818	MEP1A
NR4A2_Medium	chr6	47033989	47034389	Promoter (4-5kb)	6	47000111	47029090	-4899	ENSG00000153292	ADGRF1
NR4A2_Medium	chr6	47686534	47686934	Promoter (<=1kb)	6	47685864	47722021	670	ENSG00000153294	ADGRF4
NR4A2_Medium	chr6	47692432	47692832	Promoter (5-6kb)	6	47698553	47722021	-5721	ENSG00000153294	ADGRF4
NR4A2_Medium	chr6	49613210	49613610	Promoter (1-2kb)	6	49612409	49615267	1657	ENSG00000112077	RHAG
NR4A2_Medium	chr6	51598275	51598675	Promoter (1-2kb)	6	51599723	51622541	-1048	NA	LOC101927082
NR4A2_Medium	chr6	52577654	52578054	Promoter (<=1kb)	6	52577634	52589888	20	ENSG00000225791	TRAM2-AS1
NR4A2_Medium	chr6	52916961	52917361	Promoter (7-8kb)	6	52896646	52909698	-7263	ENSG00000174156	GSTA3
NR4A2_Medium	chr6	52998957	52999357	Promoter (3-4kb)	6	52995621	52995948	3336	ENSG00000202198	RN7SK
NR4A2_Medium	chr6	53049602	53050002	Promoter (1-2kb)	6	53051991	53073638	-1989	ENSG00000112146	FBXO9
NR4A2_Medium	chr6	53543271	53543671	Promoter (<=1kb)	6	53498387	53544633	962	ENSG00000001084	GCLC
NR4A2_Medium	chr6	56168010	56168410	Promoter (1-2kb)	6	56125428	56166937	-1073	ENSG00000124749	COL21A1
NR4A2_Medium	chr6	56622228	56622628	Promoter (5-6kb)	6	56617200	56628018	5390	ENSG00000151914	DST
NR4A2_Medium	chr6	63575397	63575797	Promoter (<=1kb)	6	63576488	63581462	-691	ENSG00000112245	PTP4A1
NR4A2_Medium	chr6	69758044	69758444	Promoter (8-9kb)	6	69675974	69749408	-8636	ENSG00000168216	LMBRD1
NR4A2_Medium	chr6	70243453	70243853	Promoter (2-3kb)	6	70216524	70246303	2450	ENSG00000112280	COL9A1
NR4A2_Medium	chr6	70477622	70478022	Promoter (4-5kb)	6	70482133	70504960	-4111	ENSG00000082269	FAM135A
NR4A2_Medium	chr6	71885044	71885444	Promoter (1-2kb)	6	71886703	72264004	-1259	ENSG00000079841	RIMS1
NR4A2_Medium	chr6	73406074	73406474	Promoter (<=1kb)	6	73406965	73414007	-491	ENSG00000080007	DDX43
NR4A2_Medium	chr6	73452247	73452647	Promoter (<=1kb)	6	73413515	73452259	0	ENSG00000164430	CGAS
NR4A2_Medium	chr6	75883728	75884128	Promoter (6-7kb)	6	75890210	75908560	-6082	ENSG00000196586	MYO6
NR4A2_Medium	chr6	81905056	81905456	Promoter (9-10kb)	6	81844604	81895717	-9339	NA	LINC02542
NR4A2_Medium	chr6	83925015	83925415	Promoter (<=1kb)	6	83926269	83955375	-854	ENSG00000065615	CYB5R4
NR4A2_Medium	chr6	84036439	84036839	Promoter (2-3kb)	6	84033772	84090881	2667	ENSG00000135324	MRAP2
NR4A2_Medium	chr6	85464744	85465144	Promoter (6-7kb)	6	85471381	85492161	-6237	ENSG00000135318	NT5E
NR4A2_Medium	chr6	87654481	87654881	Promoter (3-4kb)	6	87650930	87653214	3551	ENSG00000135336	ORC3
NR4A2_Medium	chr6	89642206	89642606	Promoter (3-4kb)	6	89636913	89638749	-3457	ENSG00000083099	LYRM2
NR4A2_Medium	chr6	89646428	89646828	Promoter (7-8kb)	6	89636913	89638749	-7679	ENSG00000083099	LYRM2
NR4A2_Medium	chr6	90559042	90559442	Promoter (5-6kb)	6	90515683	90553464	-5578	ENSG00000135341	MAP3K7
NR4A2_Medium	chr6	97307449	97307849	Promoter (1-2kb)	6	97306003	97708194	1446	ENSG00000271860	LOC101927314
NR4A2_Medium	chr6	97450680	97451080	Promoter (9-10kb)	6	97440853	98099256	9827	ENSG00000271860	LOC101927314
NR4A2_Medium	chr6	99385374	99385774	Promoter (7-8kb)	6	99369404	99377454	-7920	ENSG00000132423	COQ3
NR4A2_Medium	chr6	100387292	100387692	Promoter (6-7kb)	6	100391083	100394042	6350	ENSG00000112246	SIM1
NR4A2_Medium	chr6	105137827	105138227	Promoter (<=1kb)	6	105137823	105159037	4	ENSG00000203808	BVES-AS1
NR4A2_Medium	chr6	105188960	105189360	Promoter (8-9kb)	6	105157900	105180014	-8946	ENSG00000132429	POPODC3
NR4A2_Medium	chr6	105404945	105405345	Promoter (1-2kb)	6	105273220	105403084	-1861	ENSG00000085377	PREP
NR4A2_Medium	chr6	106361869	106362269	Promoter (1-2kb)	6	106360808	106571978	1061	ENSG00000112297	CRYBG1
NR4A2_Medium	chr6	106966181	106966581	Promoter (7-8kb)	6	106971380	106974039	7458	ENSG00000272398	CD24
NR4A2_Medium	chr6	107104633	107105033	Promoter (9-10kb)	6	107065187	107114432	9399	ENSG00000178409	BEND3
NR4A2_Medium	chr6	107833205	107833605	Promoter (8-9kb)	6	107704104	107824317	-8888	ENSG00000146285	SCML4
NR4A2_Medium	chr6	108289175	108289575	Promoter (5-6kb)	6	108294991	108346990	-5416	ENSG00000135537	AFG1L
NR4A2_Medium	chr6	108742747	108743147	Promoter (8-9kb)	6	108751654	108768456	-8507	ENSG00000203801	LINC00222
NR4A2_Medium	chr6	108957167	108957567	Promoter (1-2kb)	6	108959460	108965117	-1893	ENSG00000118690	ARMC2
NR4A2_Medium	chr6	109227727	109228127	Promoter (8-9kb)	6	109236614	109271014	-8487	ENSG00000203799	CCDC162P
NR4A2_Medium	chr6	109234741	109235141	Promoter (1-2kb)	6	109236614	109271014	-1473	ENSG00000203799	CCDC162P
NR4A2_Medium	chr6	109510821	109511221	Promoter (4-5kb)	6	109493274	109506418	-4403	ENSG00000155085	AK9
NR4A2_Medium	chr6	110419323	110419723	Promoter (3-4kb)	6	110391784	110415575	-3748	ENSG00000203797	DDO
NR4A2_Medium	chr6	110854782	110855182	Promoter (6-7kb)	6	110848546	110848673	6236	ENSG00000212587	SNORA40C
NR4A2_Medium	chr6	110974290	110974690	Promoter (7-8kb)	6	110982015	111024327	-7325	ENSG00000197498	RPF2
NR4A2_Medium	chr6	111042903	111043303	Promoter (4-5kb)	6	111046868	111047521	4218	NA	GSTM2P1
NR4A2_Medium	chr6	111086337	111086737	Promoter (<=1kb)	6	111087503	111177706	-766	ENSG00000112394	SLC16A10
NR4A2_Medium	chr6	113858028	113858428	Promoter (<=1kb)	6	113857345	113863475	683	ENSG00000277443	MARCKS
NR4A2_Medium	chr6	113974500	113974900	Promoter (2-3kb)	6	113971518	113995869	2982	ENSG00000228624	HDAC2-AS2
NR4A2_Medium	chr6	114272551	114272951	Promoter (8-9kb)	6	114281812	114468574	-8861	ENSG00000228624	HDAC2-AS2
NR4A2_Medium	chr6	114279648	114280048	Promoter (1-2kb)	6	114281812	114468574	-1764	ENSG00000228624	HDAC2-AS2
NR4A2_Medium	chr6	114341029	114341429	Promoter (1-2kb)	6	114055586	114343045	1616	ENSG00000249853	HS3ST5
NR4A2_Medium	chr6	116097798	116098198	Promoter (2-3kb)	6	116100851	116145495	-2653	ENSG00000178425	NT5DC1
NR4A2_Medium	chr6	116106091	116106491	Promoter (4-5kb)	6	116110852	116118092	-4361	ENSG00000178425	NT5DC1
NR4A2_Medium	chr6	116153304	116153704	Promoter (5-6kb)	6	116125339	116158747	5043	ENSG00000123500	COL10A1
NR4A2_Medium	chr6	116398081	116398481	Promoter (<=1kb)	6	116399395	116463696	-914	ENSG00000111817	DSE
NR4A2_Medium	chr6	116691059	116691459	Promoter (9-10kb)	6	116681211	116741867	9848	ENSG00000196911	KPNA5
NR4A2_Medium	chr6	117450563	117450963	Promoter (2-3kb)	6	117453817	117503964	-2854	ENSG00000164465	DCBLD1
NR4A2_Medium	chr6	117668957	117669357	Promoter (6-7kb)	6	117675469	117710727	-6112	ENSG00000153989	NUS1
NR4A2_Medium	chr6	121427095	121427495	Promoter (8-9kb)	6	121435595	121449715	-8100	ENSG00000152661	GJA1
NR4A2_Medium	chr6	123445942	123446342	Promoter (6-7kb)	6	123439738	123490956	6204	NA	TRDN-AS1
NR4A2_Medium	chr6	123794783	123795183	Promoter (8-9kb)	6	123803865	124825640	-8682	ENSG00000188580	NKAIN2
NR4A2_Medium	chr6	123802941	123803341	Promoter (<=1kb)	6	123803865	124825640	-524	ENSG00000188580	NKAIN2
NR4A2_Medium	chr6	124821143	124821543	Promoter (2-3kb)	6	124818399	124823623	2744	ENSG00000188580	NKAIN2
NR4A2_Medium	chr6	124984324	124984724	Promoter (<=1kb)	6	124983368	125083515	956	ENSG00000146373	RNF217
NR4A2_Medium	chr6	127117825	127118225	Promoter (<=1kb)	6	127118671	127199481	-446	ENSG00000146374	RSPO3
NR4A2_Medium	chr6	127455580	127455980	Promoter (1-2kb)	6	127450046	127454242	-1338	ENSG00000189367	KIAA0408
NR4A2_Medium	chr6	127471161	127471561	Promoter (3-4kb)	6	127450187	127475473	3912	ENSG00000255330	SOGA3
NR4A2_Medium	chr6	130858507	130858907	Promoter (<=1kb)	6	130840373	130858328	-179	ENSG00000079819	EPB41L2
NR4A2_Medium	chr6	131586105	131586505	Promoter (5-6kb)	6	131590410	131591984	5479	ENSG00000112282	MED23
NR4A2_Medium	chr6	131806214	131806614	Promoter (1-2kb)	6	131808016	131851423	-1402	ENSG00000197594	ENPP1
NR4A2_Medium	chr6	132825722	132826122	Promoter (8-9kb)	6	132817219	132817348	8503	ENSG00000200534	SNORA33
NR4A2_Medium	chr6	134226281	134226681	Promoter (3-4kb)	6	134173064	134230467	3786	ENSG00000118515	SGK1
NR4A2_Medium	chr6	134239117	134239517	Promoter (8-9kb)	6	134173064	134230467	-8650	ENSG00000118515	SGK1
NR4A2_Medium	chr6	134241215	134241615	Promoter (7-8kb)	6	134173081	134249540	7925	ENSG00000118515	SGK1
NR4A2_Medium	chr6	134502725	134503125	Promoter (5-6kb)	6	134496878	134504018	5847	ENSG00000236700	LINC01010
NR4A2_Medium	chr6	134932691	134933091	Promoter (3-4kb)	6	134918530	134929161	-3530	ENSG00000118514	ALDH8A1
NR4A2_Medium	chr6	135213167	135213567	Promoter (9-10kb)	6	135203217	135203950	9950	ENSG00000118513</	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr6	146595738	146596138	Promoter (2-3kb)	6	146594516	146598931	2793	ENSG00000237468	LOC101928661
NR4A2_Medium	chr6	149248098	149248498	Promoter (9-10kb)	6	149247321	149257543	9045	ENSG00000225924	TAB2-AS1
NR4A2_Medium	chr6	149596310	149596710	Promoter (2-3kb)	6	149594084	149594543	2226	NA	RPS18P9
NR4A2_Medium	chr6	149883419	149883819	Promoter (<=1kb)	6	149884431	149919506	-612	ENSG00000223701	RAET1E-AS1
NR4A2_Medium	chr6	149922647	149923047	Promoter (<=1kb)	6	149916913	149923010	0	ENSG00000203722	RAET1G
NR4A2_Medium	chr6	149998977	149999377	Promoter (5-6kb)	6	149998019	150005144	5767	ENSG00000218358	RAET1K
NR4A2_Medium	chr6	150906744	150907144	Promoter (1-2kb)	6	150905670	150912948	1074	ENSG00000120254	MTHFD1L
NR4A2_Medium	chr6	150970982	150971382	Promoter (<=1kb)	6	150971948	151009958	-566	ENSG00000120254	MTHFD1L
NR4A2_Medium	chr6	151347854	151348254	Promoter (6-7kb)	6	151341702	151349186	6152	ENSG00000131016	AKAP12
NR4A2_Medium	chr6	155280277	155280677	Promoter (4-5kb)	6	155257977	155285199	4522	ENSG00000029639	TFB1M
NR4A2_Medium	chr6	157023828	157024228	Promoter (1-2kb)	6	157022286	157208694	1542	ENSG00000049618	ARID1B
NR4A2_Medium	chr6	157550053	157550453	Promoter (7-8kb)	6	157542589	157628603	7464	ENSG00000175048	ZDHHC14
NR4A2_Medium	chr6	158006086	158006486	Promoter (4-5kb)	6	158001107	158002383	4979	ENSG00000233496	SYNJ2-IT1
NR4A2_Medium	chr6	159719935	159720335	Promoter (5-6kb)	6	159725585	159756319	-5250	ENSG00000146457	WTAP
NR4A2_Medium	chr6	159813765	159814165	Promoter (4-5kb)	6	159808928	159816595	4837	ENSG00000146453	PNLDC1
NR4A2_Medium	chr6	160090392	160090792	Promoter (2-3kb)	6	160093082	160096212	-2290	ENSG00000213073	CHP1P2
NR4A2_Medium	chr6	160218864	160219300	Promoter (<=1kb)	6	160217014	160218284	-580	ENSG00000112499	SLC22A2
NR4A2_Medium	chr6	163044791	163045191	Promoter (1-2kb)	6	163042557	163046685	1494	ENSG00000225437	PACRG-AS2
NR4A2_Medium	chr6	163329363	163329763	Promoter (4-5kb)	6	163306907	163324530	-4833	ENSG00000281692	PACRG-AS1
NR4A2_Medium	chr6	166341818	166342218	Promoter (<=1kb)	6	166319728	166342545	327	ENSG00000198818	SFT2D1
NR4A2_Medium	chr6	166415979	166416379	Promoter (7-8kb)	6	166412296	166423984	7605	ENSG00000071242	RP56KA2
NR4A2_Medium	chr6	167169421	167169821	Promoter (<=1kb)	6	167170619	167182908	-798	NA	TCP10L2
NR4A2_Medium	chr6	167878821	167879221	Promoter (1-2kb)	6	167880481	167912164	-1260	ENSG00000130396	AFDN
NR4A2_Medium	chr6	168026974	168027374	Promoter (3-4kb)	6	168030535	168035773	-3161	ENSG00000125337	KIF25
NR4A2_Medium	chr6	168088980	168089380	Promoter (3-4kb)	6	168053166	168093012	3632	ENSG00000153303	FRMD1
NR4A2_Medium	chr6	168659422	168659823	Promoter (6-7kb)	6	168653203	168673445	6219	ENSG00000112562	SMOC2
NR4A2_Medium	chr6	169218760	169219160	Promoter (4-5kb)	6	169217454	169223440	4280	ENSG00000186340	THBS2
NR4A2_Medium	chr6	169650079	169650479	Promoter (<=1kb)	6	169457212	169649233	-846	ENSG00000184465	WDR27
NR4A2_Medium	chr7	3737000	3741000	Promoter (5-6kb)	7	379359	382712	-5259	ENSG00000249574	LOC442497
NR4A2_Medium	chr7	511187	511587	Promoter (1-2kb)	7	500778	513467	1880	ENSG00000197461	PDGFA
NR4A2_Medium	chr7	527575	527975	Promoter (5-6kb)	7	522573	525232	5002	ENSG00000223855	HRAT92
NR4A2_Medium	chr7	767769	768169	Promoter (<=1kb)	7	768475	786044	-306	ENSG00000164818	DNAAF5
NR4A2_Medium	chr7	929812	930212	Promoter (2-3kb)	7	900533	927514	-2298	ENSG00000105963	ADAP1
NR4A2_Medium	chr7	1083400	1083800	Promoter (1-2kb)	7	1082208	1092881	1192	ENSG00000164850	GPER1
NR4A2_Medium	chr7	1165397	1165797	Promoter (4-5kb)	7	1160596	1165607	4801	ENSG00000229043	ZFAND2A-DT
NR4A2_Medium	chr7	1461792	1462192	Promoter (2-3kb)	7	1434359	1459470	-2322	ENSG00000164877	MICALL2
NR4A2_Medium	chr7	1541529	1541929	Promoter (2-3kb)	7	1538708	1540373	2821	ENSG00000198517	MAFK
NR4A2_Medium	chr7	1551578	1551978	Promoter (<=1kb)	7	1546229	1550930	-648	ENSG00000164855	TMEM184A
NR4A2_Medium	chr7	1701129	1701529	Promoter (7-8kb)	7	1709162	1747954	-7633	ENSG00000225968	ELFN1
NR4A2_Medium	chr7	1852996	1853396	Promoter (8-9kb)	7	1844180	1844253	-8743	ENSG00000265089	MIR4655
NR4A2_Medium	chr7	1866877	1867277	Promoter (5-6kb)	7	1815793	1872756	5479	ENSG00000002822	MAD1L1
NR4A2_Medium	chr7	1934671	1935071	Promoter (5-6kb)	7	1898200	1940549	5478	ENSG00000002822	MAD1L1
NR4A2_Medium	chr7	2095164	2095564	Promoter (5-6kb)	7	2069194	2089251	-5913	ENSG00000002822	MAD1L1
NR4A2_Medium	chr7	2200610	2201010	Promoter (7-8kb)	7	2069194	2193475	-7135	ENSG00000002822	MAD1L1
NR4A2_Medium	chr7	2216412	2216812	Promoter (<=1kb)	7	2200265	2215927	-485	ENSG00000002822	MAD1L1
NR4A2_Medium	chr7	2252797	2253197	Promoter (3-4kb)	7	2249285	2251146	3512	ENSG00000106268	NUDT1
NR4A2_Medium	chr7	2257019	2257419	Promoter (<=1kb)	7	2257515	2257577	158	ENSG00000284047	MIR6836
NR4A2_Medium	chr7	2555473	2555873	Promoter (<=1kb)	7	2537810	2555524	0	ENSG00000106009	BRAT1
NR4A2_Medium	chr7	4230109	4230524	Promoter (2-3kb)	7	4232887	4237671	-2363	ENSG00000146555	SDK1
NR4A2_Medium	chr7	4793347	4793747	Promoter (3-4kb)	7	4789837	4791727	3510	ENSG00000242802	AP5Z1
NR4A2_Medium	chr7	4820452	4820852	Promoter (5-6kb)	7	4805245	4815333	-5119	ENSG00000157927	RADIL
NR4A2_Medium	chr7	4855623	4856023	Promoter (6-7kb)	7	4857738	4862030	6007	ENSG00000218823	PAPOLB
NR4A2_Medium	chr7	5305195	5305595	Promoter (5-6kb)	7	5299329	5303680	5866	ENSG00000164638	SLC29A4
NR4A2_Medium	chr7	5390242	5390642	Promoter (2-3kb)	7	5376114	5388029	-2213	ENSG00000182095	TNRC18
NR4A2_Medium	chr7	5486314	5486714	Promoter (9-10kb)	7	5495819	5495917	9203	ENSG00000207973	MIR589
NR4A2_Medium	chr7	5818202	5818602	Promoter (4-5kb)	7	5823160	5847311	-4558	NA	ZNF815P
NR4A2_Medium	chr7	6126043	6126443	Promoter (9-10kb)	7	6116480	6155147	9563	ENSG00000106346	USP42
NR4A2_Medium	chr7	6608160	6608560	Promoter (7-8kb)	7	6615610	6624290	-7050	ENSG00000236609	ZNF853
NR4A2_Medium	chr7	6642697	6643097	Promoter (<=1kb)	7	6641885	6644565	812	ENSG00000205903	ZNF316
NR4A2_Medium	chr7	6702892	6703292	Promoter (1-2kb)	7	6688433	6700914	-1978	ENSG00000164631	ZNF12
NR4A2_Medium	chr7	7710696	7711096	Promoter (7-8kb)	7	7636518	7718607	7511	ENSG00000106399	RPA3
NR4A2_Medium	chr7	8152565	8152965	Promoter (4-5kb)	7	8141765	8157764	4799	ENSG00000003147	ICA1
NR4A2_Medium	chr7	8227332	8227732	Promoter (8-9kb)	7	8113923	8235926	8194	ENSG00000003147	ICA1
NR4A2_Medium	chr7	11838664	11839064	Promoter (6-7kb)	7	11370437	11832198	-6466	ENSG00000005108	THSD7A
NR4A2_Medium	chr7	12471227	12471627	Promoter (1-2kb)	7	12469621	12542222	1606	ENSG00000226690	LOC102725191
NR4A2_Medium	chr7	15356038	15356438	Promoter (9-10kb)	7	15306235	15366187	9749	ENSG00000187546	AGMO
NR4A2_Medium	chr7	15367451	15367851	Promoter (1-2kb)	7	15358214	15366222	-1229	ENSG00000187546	AGMO
NR4A2_Medium	chr7	15659975	15660375	Promoter (7-8kb)	7	15667947	15681980	-7572	ENSG00000237070	LOC105375166
NR4A2_Medium	chr7	16695975	16696375	Promoter (7-8kb)	7	16688525	16706197	7450	ENSG00000136261	BZW2
NR4A2_Medium	chr7	20211128	20211528	Promoter (5-6kb)	7	20170228	20217352	5824	ENSG00000183742	MACC1
NR4A2_Medium	chr7	21460813	21461213	Promoter (9-10kb)	7	21471058	21471146	-9845	ENSG00000221783	MIR1183
NR4A2_Medium	chr7	21617466	21617866	Promoter (<=1kb)	7	21618194	21636078	-328	ENSG00000105877	DNAH11
NR4A2_Medium	chr7	21910850	21911250	Promoter (5-6kb)	7	21900901	21905709	-5141	ENSG00000164649	CDC47L
NR4A2_Medium	chr7	22140329	22140729	Promoter (4-5kb)	7	22125232	22136072	-4257	ENSG00000136237	RAPGEF5
NR4A2_Medium	chr7	22290401	22290801	Promoter (<=1kb)	7	22191439	22291241	440	ENSG00000136237	RAPGEF5
NR4A2_Medium	chr7	23441083	23441483	Promoter (9-10kb)	7	23351480	23431303	-9780	ENSG00000136231	IGF2BP3
NR4A2_Medium	chr7	23726261	23726661	Promoter (3-4kb)	7	23722760	23754327	3501	ENSG00000196335	STK31
NR4A2_Medium	chr7	24654540	24654940	Promoter (8-9kb)	7	24663474	24666046	-8534	ENSG00000105926	MPP6
NR4A2_Medium	chr7	24728624	24729024	Promoter (3-4kb)	7	24708252	24724784	-3840	ENSG00000105928	GSDME
NR4A2_Medium	chr7	24729531	24729931	Promoter (4-5kb)	7	24708252	24724784	-4747	ENSG00000105928	GSDME
NR4A2_Medium	chr7	24982376	24982776	Promoter (<=1kb)	7	24871983	24981634	-742	ENSG00000070882	OSBPL3
NR4A2_Medium	chr7	25659303	25659703	Promoter (1-2kb)	7	25655472	25658058	-1245	ENSG00000223561	LOC646588
NR4A2_Medium	chr7	26384077	26384477	Promoter (7-8kb)	7	26372332	26376701	-7376	ENSG00000225792	LOC105375304
NR4A2_Medium	chr7	27148746	27149146	Promoter (<=1kb)	7	27150052	27152726	-906	ENSG00000254369	HOXA-AS3
NR4A2_Medium	chr7	29478929	29479329	Promoter (<=1kb)	7	29479712	29514328	-383	ENSG00000106069	CHN2
NR4A2_Medium	chr7	30394371	30394771	Promoter (3-4kb)	7	30390908	30412375	3463	ENSG00000281404	LINC01176
NR4A2_Medium	chr7	30427879	30428279	Promoter (5-6kb)	7	30425209	30433414	5135	ENSG00000106100	NOD1
NR4A2_Medium	chr7	30694942	30695342	Promoter (2-3kb)	7	30697985	30755970	-2643	ENSG00000241644	INMT
NR4A2_Medium	chr7	30905379	30905779	Promoter (5-6kb)	7	30911694	30925517	-5915	ENSG00000240583	AQP1
NR4A2_Medium	chr7	30913211	30913611	Promoter (<=1kb)	7	30913291	30923662	0	ENSG00000240583	AQP1
NR4A2_Medium	chr7	30979986	30980386	Promoter (3-4kb)	7	30976429	30979531	3557	ENSG00000106128	GHRHR
NR4A2_Medium	chr7	31059927	31060327	Promoter (2-3kb)	7	31063194	31106709	-2867	ENSG00000078549	ADCYAP1R1
NR4A2_Medium	chr7	31648890	31649290	Promoter (2-3kb)	7	31651982	31656502	-2692	ENSG00000180347	ITPRID1
NR4A2_Medium	chr7	32070456	32070856	Promoter (<=1kb)	7	31790200	32070862	6	ENSG00000154678	PDE1C
NR4A2_Medium	chr7	32545685	32546085	Promoter (2-3kb)	7	32543255	32588711	2430	ENSG00000105778	AVL9
NR4A2_Medium	chr7	33527430	33527830	Promoter (5-6kb)	7	3353				



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr7	40082130	40082530	Promoter (3-4kb)	7	40078414	40095462	3716	ENSG00000065883	CDK13
NR4A2_Medium	chr7	42705645	42706045	Promoter (<=1kb)	7	42661716	42706447	402	ENSG00000238284	LINC01448
NR4A2_Medium	chr7	43247811	43248211	Promoter (<=1kb)	7	43249137	43311993	-926	ENSG00000002746	HECW1
NR4A2_Medium	chr7	44066533	44066933	Promoter (<=1kb)	7	44062727	44065567	-966	ENSG00000164708	PGAM2
NR4A2_Medium	chr7	44088940	44089340	Promoter (6-7kb)	7	44079733	44082530	-6410	ENSG00000122678	POLM
NR4A2_Medium	chr7	44205661	44206061	Promoter (1-2kb)	7	44207333	44208580	-1272	ENSG00000106636	YKT6
NR4A2_Medium	chr7	44539797	44540197	Promoter (1-2kb)	7	44512535	44541315	1118	ENSG00000015520	NPC1L1
NR4A2_Medium	chr7	44575652	44576052	Promoter (<=1kb)	7	44565805	44575051	-601	ENSG00000136271	DDX56
NR4A2_Medium	chr7	45645777	45646177	Promoter (2-3kb)	7	45648709	45680642	-2532	ENSG00000164742	ADCY1
NR4A2_Medium	chr7	45657699	45658099	Promoter (8-9kb)	7	45648709	45680642	8990	ENSG00000164742	ADCY1
NR4A2_Medium	chr7	45888433	45888833	Promoter (<=1kb)	7	45888488	45893660	0	ENSG00000146678	IGFBP1
NR4A2_Medium	chr7	46700016	46700416	Promoter (2-3kb)	7	46687879	46697122	-2894	ENSG00000233539	LOC730338
NR4A2_Medium	chr7	47832147	47832547	Promoter (4-5kb)	7	47809117	47827466	-4681	ENSG00000158683	PKD1L1
NR4A2_Medium	chr7	47952420	47952820	Promoter (3-4kb)	7	47774652	47948491	-3929	ENSG00000158683	PKD1L1
NR4A2_Medium	chr7	47989344	47989744	Promoter (<=1kb)	7	47987148	47988963	-381	ENSG00000164744	SUN3
NR4A2_Medium	chr7	50335342	50335742	Promoter (7-8kb)	7	50327649	50400009	7693	ENSG00000185811	IKZF1
NR4A2_Medium	chr7	50489711	50490111	Promoter (9-10kb)	7	50458570	50479963	-9748	ENSG00000132437	DDC
NR4A2_Medium	chr7	54545500	54545996	Promoter (<=1kb)	7	54546161	54569489	-165	ENSG00000170419	VSTM2A
NR4A2_Medium	chr7	55864280	55864680	Promoter (1-2kb)	7	55844537	55862755	-1525	ENSG00000154997	SEPTIN14
NR4A2_Medium	chr7	56804144	56804544	Promoter (7-8kb)	7	56811799	56812446	7902	NA	LOC401357
NR4A2_Medium	chr7	56817964	56818364	Promoter (5-6kb)	7	56811799	56812446	-5518	NA	LOC401357
NR4A2_Medium	chr7	64785439	64785839	Promoter (8-9kb)	7	64794388	64832202	-8549	ENSG00000197008	ZNF138
NR4A2_Medium	chr7	65014012	65014412	Promoter (7-8kb)	7	65003669	65006743	-7269	ENSG00000213462	ERV3-1
NR4A2_Medium	chr7	65030247	65030647	Promoter (7-8kb)	7	65038354	65074713	-7707	ENSG00000234585	CCT6P3
NR4A2_Medium	chr7	66597448	66597848	Promoter (5-6kb)	7	66553485	66592397	-5051	ENSG00000229180	GS1-124K5.11
NR4A2_Medium	chr7	66621118	66621724	Promoter (7-8kb)	7	66628767	66644015	-7043	ENSG00000243335	KCTD7
NR4A2_Medium	chr7	66744690	66745090	Promoter (3-4kb)	7	66740733	66811464	3957	ENSG00000154710	RABGEF1
NR4A2_Medium	chr7	66932278	66932678	Promoter (1-2kb)	7	66930624	66945098	1654	ENSG00000106609	TMEM248
NR4A2_Medium	chr7	69826521	69826921	Promoter (1-2kb)	7	69824571	70290554	1950	ENSG00000158321	AUTS2
NR4A2_Medium	chr7	70795342	70795742	Promoter (8-9kb)	7	70786921	70790013	8421	ENSG00000158321	AUTS2
NR4A2_Medium	chr7	71125947	71126347	Promoter (5-6kb)	7	71132144	71713599	-5797	ENSG00000185274	GALNT17
NR4A2_Medium	chr7	71317571	71317971	Promoter (9-10kb)	7	71307672	71307770	-9801	ENSG00000265878	MIR3914-1
NR4A2_Medium	chr7	71341246	71341646	Promoter (5-6kb)	7	71335549	71713598	5697	ENSG00000185274	GALNT17
NR4A2_Medium	chr7	72437649	72438049	Promoter (9-10kb)	7	71779491	72447061	9012	ENSG00000183166	CALN1
NR4A2_Medium	chr7	72447744	72448251	Promoter (<=1kb)	7	71787775	72447151	-593	ENSG00000183166	CALN1
NR4A2_Medium	chr7	72822998	72823398	Promoter (4-5kb)	7	72558744	72828174	4776	ENSG00000277149	TYW1B
NR4A2_Medium	chr7	73553798	73554198	Promoter (2-3kb)	7	73539716	73557112	2914	ENSG00000106635	BCL7B
NR4A2_Medium	chr7	73606601	73607001	Promoter (<=1kb)	7	73596710	73606824	0	ENSG00000009950	MLXIPL
NR4A2_Medium	chr7	73621599	73621999	Promoter (2-3kb)	7	73593194	73624492	2493	ENSG00000009950	MLXIPL
NR4A2_Medium	chr7	73730013	73730413	Promoter (4-5kb)	7	73735038	73736158	-4625	NA	ABHD11-AS1
NR4A2_Medium	chr7	73773817	73774217	Promoter (3-4kb)	7	73768997	73770270	-3547	ENSG00000165215	CLDN3
NR4A2_Medium	chr7	73866560	73866960	Promoter (5-6kb)	7	73861172	73865890	5388	ENSG00000175877	TMEM270
NR4A2_Medium	chr7	74247366	74247766	Promoter (4-5kb)	7	74232104	74243246	-4120	ENSG00000049541	RFC2
NR4A2_Medium	chr7	74549696	74550096	Promoter (3-4kb)	7	74545762	74601106	3934	ENSG00000006704	GTF2IRD1
NR4A2_Medium	chr7	75065654	75066054	Promoter (<=1kb)	7	75042974	75064728	-926	ENSG00000274523	RCC1L
NR4A2_Medium	chr7	75615780	75616180	Promoter (3-4kb)	7	75582092	75611843	-3937	ENSG00000127946	HIP1
NR4A2_Medium	chr7	75820624	75821024	Promoter (2-3kb)	7	75811665	75823356	2332	ENSG00000106178	CCL24
NR4A2_Medium	chr7	76111638	76112038	Promoter (2-3kb)	7	76090431	76108779	-2859	NA	GTF2IP7
NR4A2_Medium	chr7	76243369	76243769	Promoter (8-9kb)	7	76234982	76260034	8387	ENSG00000177679	SRRM3
NR4A2_Medium	chr7	77424015	77424415	Promoter (7-8kb)	7	77416673	77425444	7342	NA	LOC101927243
NR4A2_Medium	chr7	82450958	82451358	Promoter (7-8kb)	7	81946444	82443777	-7181	ENSG00000153956	CACNA2D1
NR4A2_Medium	chr7	84535000	84535400	Promoter (2-3kb)	7	84532476	84574843	2524	ENSG00000235139	LOC101927378
NR4A2_Medium	chr7	86653314	86653714	Promoter (8-9kb)	7	86644845	86765406	8469	ENSG00000198822	GRM3
NR4A2_Medium	chr7	87190054	87190454	Promoter (1-2kb)	7	87188093	87193493	1961	ENSG00000135164	DMTF1
NR4A2_Medium	chr7	87209401	87209801	Promoter (6-7kb)	7	87197718	87203043	-6358	ENSG00000135185	TMEM243
NR4A2_Medium	chr7	87705071	87705471	Promoter (3-4kb)	7	87709250	87770657	-3779	ENSG00000105784	RUNDC3B
NR4A2_Medium	chr7	87720221	87720621	Promoter (6-7kb)	7	87503863	87713323	-6898	ENSG00000085563	ABCB1
NR4A2_Medium	chr7	88182241	88182641	Promoter (<=1kb)	7	88182005	88186422	236	ENSG00000008277	ADAM22
NR4A2_Medium	chr7	90250801	90251201	Promoter (5-6kb)	7	90245425	90273994	5376	ENSG00000105792	CFAP69
NR4A2_Medium	chr7	90331042	90331442	Promoter (3-4kb)	7	90335223	90344094	-3781	ENSG00000105793	LOC101927446
NR4A2_Medium	chr7	90714333	90714733	Promoter (4-5kb)	7	90709862	90955793	4471	ENSG00000058091	CDK14
NR4A2_Medium	chr7	92078116	92078516	Promoter (5-6kb)	7	92083576	92090641	-5060	ENSG00000127914	AKAP9
NR4A2_Medium	chr7	92107807	92108207	Promoter (2-3kb)	7	92105677	92107929	2130	ENSG00000127914	AKAP9
NR4A2_Medium	chr7	93493961	93494361	Promoter (6-7kb)	7	93426310	93487013	-6948	ENSG00000004948	CALCR
NR4A2_Medium	chr7	94558626	94559026	Promoter (4-5kb)	7	94553852	94556966	4774	ENSG00000127995	CASD1
NR4A2_Medium	chr7	96328129	96328529	Promoter (5-6kb)	7	96120221	96322147	-5982	ENSG00000004864	SLC25A13
NR4A2_Medium	chr7	96492333	96492733	Promoter (3-4kb)	7	96481626	96496342	3609	ENSG00000127922	SEM1
NR4A2_Medium	chr7	97004392	97004792	Promoter (<=1kb)	7	96965551	97004317	-75	NA	DLX6-AS1
NR4A2_Medium	chr7	97144352	97144752	Promoter (1-2kb)	7	97142681	97181647	1671	ENSG00000196636	SDHAF3
NR4A2_Medium	chr7	98304616	98305016	Promoter (1-2kb)	7	98304196	98306957	1941	ENSG00000006453	BAIAP2L1
NR4A2_Medium	chr7	99237888	99238288	Promoter (<=1kb)	7	99238829	99306809	-541	NA	MYH16
NR4A2_Medium	chr7	99335718	99336118	Promoter (9-10kb)	7	99325927	99366226	9791	ENSG00000241685	ARPC1A
NR4A2_Medium	chr7	99355602	99356002	Promoter (1-2kb)	7	99353935	99360242	1667	ENSG00000241685	ARPC1A
NR4A2_Medium	chr7	99437084	99437484	Promoter (1-2kb)	7	99434810	99438647	1163	ENSG00000106246	PTCD1
NR4A2_Medium	chr7	99821091	99821491	Promoter (6-7kb)	7	99828013	99839420	-6522	ENSG00000021461	CYP3A43
NR4A2_Medium	chr7	100011738	100012138	Promoter (3-4kb)	7	100015572	100041688	-3434	ENSG00000106261	ZKSCAN1
NR4A2_Medium	chr7	100062613	100063013	Promoter (5-6kb)	7	100056911	100064255	5702	ENSG00000166529	ZSCAN21
NR4A2_Medium	chr7	100224110	100224510	Promoter (<=1kb)	7	100202241	100223943	-167	ENSG00000239521	CASTOR3
NR4A2_Medium	chr7	100599182	100599582	Promoter (2-3kb)	7	100600337	100601857	2275	ENSG00000224729	PCOLCE-AS1
NR4A2_Medium	chr7	100617091	100617491	Promoter (4-5kb)	7	100612815	100613789	4276	ENSG00000106330	MOSPD3
NR4A2_Medium	chr7	100958487	100958908	Promoter (<=1kb)	7	100957965	100967890	522	ENSG00000169894	MUC3A
NR4A2_Medium	chr7	101085135	101085535	Promoter (<=1kb)	7	101085481	101097967	0	ENSG00000169871	TRIM56
NR4A2_Medium	chr7	101090277	101090677	Promoter (3-4kb)	7	101086785	101087508	3492	ENSG00000169871	TRIM56
NR4A2_Medium	chr7	101170211	101170611	Promoter (4-5kb)	7	101162509	101165569	-4642	ENSG00000128564	VGFB
NR4A2_Medium	chr7	101554056	101554456	Promoter (<=1kb)	7	101553203	101557633	853	ENSG00000160963	COL26A1
NR4A2_Medium	chr7	101556411	101556811	Promoter (3-4kb)	7	101553203	101557633	3208	ENSG00000160963	COL26A1
NR4A2_Medium	chr7	102109192	102109592	Promoter (4-5kb)	7	102104437	102115670	4755	ENSG00000257923	CUX1
NR4A2_Medium	chr7	103046565	103046965	Promoter (3-4kb)	7	102813233	103050059	3094	ENSG00000161040	FBXL13
NR4A2_Medium	chr7	105104402	105104802	Promoter (2-3kb)	7	105101471	105102649	2931	ENSG00000005483	KMT2E
NR4A2_Medium	chr7	105382843	105383243	Promoter (5-6kb)	7	105167377	105388894	5651	ENSG00000135250	SRPK2
NR4A2_Medium	chr7	105543686	105544086	Promoter (1-2kb)	7	105542240	105546996	1446	ENSG00000135249	RINT1
NR4A2_Medium	chr7	105559280	105559680	Promoter (9-10kb)	7	105550055	105555363	9225	ENSG00000135249	RINT1
NR4A2_Medium	chr7	105685058	105685458	Promoter (5-6kb)	7	105638369	105679206	-5852	ENSG00000146776	ATXN7L1
NR4A2_Medium	chr7	106018967	106019367	Promoter (3-4kb)	7	106015124	106022448	3843	ENSG00000128536	CDHR3
NR4A2_Medium	chr7	107770017	107770417	Promoter (6-7kb)	7	107776015	107776752	6335	ENSG00000091138	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr7	129850469	129850869	Promoter (8-9kb)	7	129857079	129858969	8100	ENSG00000186591	UBE2H
NR4A2_Medium	chr7	130035807	130036207	Promoter (3-4kb)	7	130023564	130039626	3419	ENSG00000091732	ZC3HC1
NR4A2_Medium	chr7	130075990	130076390	Promoter (5-6kb)	7	130070772	130124534	5218	ENSG00000128607	KLHDC10
NR4A2_Medium	chr7	130361147	130361547	Promoter (1-2kb)	7	130363441	130368730	-1894	ENSG00000158525	CPA5
NR4A2_Medium	chr7	130530038	130530438	Promoter (8-9kb)	7	130538954	130546900	-8516	NA	COPG2IT1
NR4A2_Medium	chr7	130541311	130541711	Promoter (2-3kb)	7	130538954	130546900	2357	NA	COPG2IT1
NR4A2_Medium	chr7	131498461	131498861	Promoter (7-8kb)	7	131503950	131506105	7244	ENSG00000128567	PODXL
NR4A2_Medium	chr7	131910795	131911195	Promoter (<=1kb)	7	131910220	131948953	575	ENSG00000224865	LOC101928782
NR4A2_Medium	chr7	132151331	132151731	Promoter (5-6kb)	7	132140604	132145507	-5824	ENSG00000221866	PLXNA4
NR4A2_Medium	chr7	132568190	132568590	Promoter (7-8kb)	7	132383488	132576470	7880	ENSG00000221866	PLXNA4
NR4A2_Medium	chr7	133899530	133899930	Promoter (4-5kb)	7	133895063	133937956	4467	ENSG00000131558	EXOC4
NR4A2_Medium	chr7	135715001	135715401	Promoter (9-10kb)	7	135699364	135705807	-9194	ENSG00000164707	SLC13A4
NR4A2_Medium	chr7	135977363	135977763	Promoter (<=1kb)	7	135926760	135977359	-4	ENSG00000105887	MTPN
NR4A2_Medium	chr7	137400892	137401292	Promoter (4-5kb)	7	137391085	137395973	-4919	ENSG00000157680	DGKI
NR4A2_Medium	chr7	138078873	138079273	Promoter (2-3kb)	7	138076518	138097944	2355	ENSG00000122787	AKR1D1
NR4A2_Medium	chr7	138743992	138744392	Promoter (3-4kb)	7	138734188	138747675	3283	ENSG00000105929	ATP6V0A4
NR4A2_Medium	chr7	139069539	139069939	Promoter (9-10kb)	7	139060338	139079267	9328	ENSG00000105939	ZC3HAV1
NR4A2_Medium	chr7	139540514	139540914	Promoter (1-2kb)	7	139539153	139544984	1361	ENSG00000236279	CLEC2L
NR4A2_Medium	chr7	140065587	140065987	Promoter (1-2kb)	7	140023744	140063721	-1866	ENSG00000059378	PARP12
NR4A2_Medium	chr7	140749241	140749641	Promoter (7-8kb)	7	140734487	140741717	-7524	ENSG00000157764	BRAF
NR4A2_Medium	chr7	144748444	144748844	Promoter (8-9kb)	7	144619181	144739477	-8967	ENSG00000196511	TPK1
NR4A2_Medium	chr7	146775336	146775736	Promoter (1-2kb)	7	146774324	146782250	1012	ENSG00000174469	CNTNAP2
NR4A2_Medium	chr7	148958427	148958827	Promoter (4-5kb)	7	148963315	148963410	-4488	ENSG00000252316	RNY4
NR4A2_Medium	chr7	149279750	149280150	Promoter (1-2kb)	7	149278138	149293488	1612	ENSG00000244560	LOC155060
NR4A2_Medium	chr7	149732741	149733141	Promoter (2-3kb)	7	149730040	149730697	2701	ENSG00000133619	KRBA1
NR4A2_Medium	chr7	149740013	149740413	Promoter (9-10kb)	7	149730040	149730697	9973	ENSG00000133619	KRBA1
NR4A2_Medium	chr7	149810606	149811006	Promoter (<=1kb)	7	149810915	149812635	0	ENSG00000197558	SSPOP
NR4A2_Medium	chr7	149815593	149815993	Promoter (4-5kb)	7	149810915	149812635	4678	ENSG00000197558	SSPOP
NR4A2_Medium	chr7	149831302	149831702	Promoter (6-7kb)	7	149838375	149845091	-6673	ENSG00000106479	ZNF862
NR4A2_Medium	chr7	150035784	150036184	Promoter (<=1kb)	7	150035938	150045092	0	NA	LOC100134040
NR4A2_Medium	chr7	150969190	150969590	Promoter (8-9kb)	7	150949899	150978100	8510	ENSG00000055118	KCNH2
NR4A2_Medium	chr7	150999418	150999818	Promoter (2-3kb)	7	151001867	151002963	-2049	ENSG00000164867	NOS3
NR4A2_Medium	chr7	151014299	151014699	Promoter (<=1kb)	7	151013295	151014304	0	ENSG00000181652	ATG9B
NR4A2_Medium	chr7	151062392	151062792	Promoter (<=1kb)	7	151062547	151076522	0	ENSG00000164889	SLC4A2
NR4A2_Medium	chr7	151197641	151198041	Promoter (<=1kb)	7	151194256	151197302	-339	ENSG00000278685	IQCA1L
NR4A2_Medium	chr7	151364119	151364519	Promoter (3-4kb)	7	151360141	151369193	3978	ENSG00000013374	NUB1
NR4A2_Medium	chr7	151401710	151402110	Promoter (5-6kb)	7	151375909	151395917	-5793	ENSG00000187260	WDR86
NR4A2_Medium	chr7	151588172	151588572	Promoter (6-7kb)	7	151571462	151595410	6838	ENSG00000106617	PRKAG2
NR4A2_Medium	chr7	151992192	151992592	Promoter (2-3kb)	7	151994939	152007944	-2347	ENSG00000106648	GALNTL5
NR4A2_Medium	chr7	152016107	152016507	Promoter (9-10kb)	7	152025674	152103277	-9167	ENSG00000178234	GALNT11
NR4A2_Medium	chr7	152752971	152753371	Promoter (6-7kb)	7	152759749	152854938	-6378	ENSG00000133627	ACTR3B
NR4A2_Medium	chr7	154859313	154859713	Promoter (8-9kb)	7	154867995	154881084	-8282	ENSG00000130226	DPP6
NR4A2_Medium	chr7	154873801	154874201	Promoter (1-2kb)	7	154872624	154877143	1177	ENSG00000130226	DPP6
NR4A2_Medium	chr7	154877713	154878113	Promoter (5-6kb)	7	154872624	154877143	5089	ENSG00000130226	DPP6
NR4A2_Medium	chr7	154974158	154974558	Promoter (<=1kb)	7	154969049	154974623	65	ENSG00000157212	PAXIP1
NR4A2_Medium	chr7	155389189	155389589	Promoter (7-8kb)	7	155382076	155396356	7113	NA	LOC100286906
NR4A2_Medium	chr7	155561858	155562258	Promoter (6-7kb)	7	155502014	155555450	-6408	ENSG00000146910	CNPY1
NR4A2_Medium	chr7	157134885	157135285	Promoter (3-4kb)	7	157138916	157189296	-3631	ENSG00000009335	UBE3C
NR4A2_Medium	chr7	157567595	157567995	Promoter (6-7kb)	7	157574336	157574422	6427	ENSG00000207960	MIR153-2
NR4A2_Medium	chr7	158205547	158205947	Promoter (<=1kb)	7	158110825	158205277	-270	ENSG00000155093	PTPRN2
NR4A2_Medium	chr7	158531956	158532356	Promoter (<=1kb)	7	158532718	158532813	457	ENSG00000207637	MIR595
NR4A2_Medium	chr7	158589847	158590247	Promoter (<=1kb)	7	158590629	158591120	-382	NA	LINC01022
NR4A2_Medium	chr7	159007595	159007995	Promoter (<=1kb)	7	159008354	159022680	-359	ENSG00000231419	LINC00689
NR4A2_Medium	chr7	159104595	159104995	Promoter (7-8kb)	7	159030455	159097204	-7391	ENSG00000106018	VIPR2
NR4A2_Medium	chr7	159106634	159107034	Promoter (9-10kb)	7	159030455	159097204	-9430	ENSG00000106018	VIPR2
NR4A2_Medium	chr8	502993	503393	Promoter (7-8kb)	8	492630	495010	-7983	ENSG00000180190	TDRP
NR4A2_Medium	chr8	554687	555087	Promoter (8-9kb)	8	489803	545781	-8906	ENSG00000180190	TDRP
NR4A2_Medium	chr8	696652	697052	Promoter (9-10kb)	8	673844	686724	-9928	ENSG00000104714	ERICH1
NR4A2_Medium	chr8	715129	715529	Promoter (<=1kb)	8	673767	715927	398	ENSG00000104714	ERICH1
NR4A2_Medium	chr8	3105984	3106384	Promoter (<=1kb)	8	3096902	3107155	771	ENSG00000183117	CSMD1
NR4A2_Medium	chr8	3524331	3524731	Promoter (8-9kb)	8	3468712	3515359	-8972	ENSG00000183117	CSMD1
NR4A2_Medium	chr8	4993950	4994350	Promoter (<=1kb)	8	2938099	4994701	351	ENSG00000183117	CSMD1
NR4A2_Medium	chr8	16211324	16211724	Promoter (3-4kb)	8	16175210	16215074	3350	ENSG00000038945	MSR1
NR4A2_Medium	chr8	17779456	17779856	Promoter (1-2kb)	8	17755438	17780962	1106	ENSG00000129422	MTUS1
NR4A2_Medium	chr8	18030969	18031369	Promoter (6-7kb)	8	18024951	18027758	6018	ENSG00000078674	PCM1
NR4A2_Medium	chr8	18390188	18390588	Promoter (<=1kb)	8	18391282	18401218	-694	ENSG00000156006	NAT2
NR4A2_Medium	chr8	18674831	18675231	Promoter (8-9kb)	8	18530710	18683932	8701	ENSG00000156011	PSD3
NR4A2_Medium	chr8	18896807	18897207	Promoter (9-10kb)	8	18530711	18887034	-9773	ENSG00000156011	PSD3
NR4A2_Medium	chr8	19532375	19532775	Promoter (<=1kb)	8	19506037	19532020	-355	ENSG00000147408	CSGALNACT1
NR4A2_Medium	chr8	19834987	19835387	Promoter (1-2kb)	8	19837053	19852083	-1666	ENSG00000104613	INTS10
NR4A2_Medium	chr8	19839599	19839999	Promoter (2-3kb)	8	19837081	19851674	2518	ENSG00000104613	INTS10
NR4A2_Medium	chr8	22447158	22447558	Promoter (5-6kb)	8	22441365	22475667	5793	ENSG00000120910	PPP3CC
NR4A2_Medium	chr8	22625948	22626348	Promoter (<=1kb)	8	22620436	22626542	194	ENSG00000147439	BIN3
NR4A2_Medium	chr8	22698870	22699270	Promoter (5-6kb)	8	22687659	22693480	-5390	ENSG00000179388	EGR3
NR4A2_Medium	chr8	23684552	23684952	Promoter (1-2kb)	8	23678697	23682938	-1614	ENSG00000167034	NKX3-1
NR4A2_Medium	chr8	24445162	24445562	Promoter (4-5kb)	8	24441084	24509548	4078	ENSG00000069206	ADAM7
NR4A2_Medium	chr8	25411071	25411471	Promoter (1-2kb)	8	25409997	25418082	1074	ENSG00000147459	DOCK5
NR4A2_Medium	chr8	25419319	25419719	Promoter (4-5kb)	8	25419258	25424261	4542	ENSG00000147437	GNRH1
NR4A2_Medium	chr8	25467784	25468184	Promoter (<=1kb)	8	25468271	25485835	-87	ENSG00000184661	CDA2
NR4A2_Medium	chr8	27391110	27391510	Promoter (5-6kb)	8	27397452	27459386	-5942	ENSG00000120899	PTK2B
NR4A2_Medium	chr8	28748421	28748821	Promoter (4-5kb)	8	28743976	28751094	4445	ENSG0000012232	EXTL3
NR4A2_Medium	chr8	28772198	28772598	Promoter (1-2kb)	8	28767912	28771064	-1134	ENSG00000104299	INTS9
NR4A2_Medium	chr8	28805880	28806280	Promoter (7-8kb)	8	28812357	28813700	7420	ENSG00000104299	INTS9
NR4A2_Medium	chr8	29265116	29265516	Promoter (1-2kb)	8	29145858	29263124	-1992	ENSG00000197892	KIF13B
NR4A2_Medium	chr8	30747090	30747490	Promoter (2-3kb)	8	30744190	30766394	2900	ENSG00000104691	UBXN8
NR4A2_Medium	chr8	30766046	30766446	Promoter (2-3kb)	8	30763146	30766552	2900	ENSG00000104691	UBXN8
NR4A2_Medium	chr8	32144383	32144783	Promoter (7-8kb)	8	32136661	32139475	7722	ENSG00000253974	NRG1-IT1
NR4A2_Medium	chr8	33383687	33384087	Promoter (5-6kb)	8	33372079	33389250	5163	ENSG00000172728	FUT10
NR4A2_Medium	chr8	34780631	34781031	Promoter (2-3kb)	8	34784028	34865364	-2997	NA	LINC01288
NR4A2_Medium	chr8	36919836	36920236	Promoter (8-9kb)	8	36928905	36931145	-8669	ENSG00000215262	KCNU1
NR4A2_Medium	chr8	37518251	37518651	Promoter (<=1kb)	8	37516407	37517728	-523	ENSG00000253414	LINC01605
NR4A2_Medium	chr8	37559216	37559616	Promoter (5-6kb)	8	37450763	37554183	-5033	ENSG00000253414	LINC01605
NR4A2_Medium	chr8	37878450	37878850	Promoter (<=1kb)	8	37870387	37878117	-333	ENSG00000156675	RAB11FIP1
NR4A2_Medium	chr8	37902021	37902421	Promoter (2-3kb)	8	37858618	37899497	-2524	ENSG00000156675	RAB11FIP1
NR4A2_Medium	chr8	38160514	3							



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr8	47678684	47679084	Promoter (5-6kb)	8	47673533	47735785	5151	ENSG00000164808	SPIDR
NR4A2_Medium	chr8	47687768	47688168	Promoter (<=1kb)	8	47688442	47713644	-274	ENSG00000164808	SPIDR
NR4A2_Medium	chr8	48726306	48726706	Promoter (3-4kb)	8	48713634	48729789	3083	ENSG00000034239	EFCAB1
NR4A2_Medium	chr8	52707155	52707555	Promoter (6-7kb)	8	52622459	52714423	6868	ENSG00000023287	RB1CC1
NR4A2_Medium	chr8	52933652	52934052	Promoter (4-5kb)	8	52938431	52941117	-4379	ENSG00000288611	NPBWR1
NR4A2_Medium	chr8	53261173	53261573	Promoter (9-10kb)	8	53225716	53251697	-9476	ENSG00000082556	OPRK1
NR4A2_Medium	chr8	56217317	56217717	Promoter (2-3kb)	8	56214445	56217590	2872	ENSG00000170791	CHCHD7
NR4A2_Medium	chr8	56395586	56395986	Promoter (<=1kb)	8	56373064	56395365	-221	ENSG00000253542	SDR16C6P
NR4A2_Medium	chr8	58021986	58022386	Promoter (9-10kb)	8	58031616	58146040	-9230	ENSG00000169122	FAM110B
NR4A2_Medium	chr8	58505977	58506377	Promoter (5-6kb)	8	58490178	58500163	-5814	ENSG00000167910	CYP7A1
NR4A2_Medium	chr8	65712637	65713037	Promoter (4-5kb)	8	65707890	65720596	4747	ENSG00000066855	MTFR1
NR4A2_Medium	chr8	66963690	66964090	Promoter (1-2kb)	8	66946501	66962591	-1099	ENSG00000261787	TCF24
NR4A2_Medium	chr8	66976837	66977237	Promoter (4-5kb)	8	66964099	66982134	4897	ENSG00000178125	PPP1R42
NR4A2_Medium	chr8	67159296	67159696	Promoter (1-2kb)	8	67157627	67195518	1669	ENSG00000104218	CSPP1
NR4A2_Medium	chr8	67265086	67265486	Promoter (6-7kb)	8	67173511	67271708	6222	ENSG00000066777	ARFGF1
NR4A2_Medium	chr8	67270774	67271174	Promoter (<=1kb)	8	67173511	67271708	534	ENSG00000066777	ARFGF1
NR4A2_Medium	chr8	67333524	67333924	Promoter (9-10kb)	8	67299314	67343677	9753	ENSG00000066777	ARFGF1
NR4A2_Medium	chr8	68991451	68991851	Promoter (9-10kb)	8	68880139	69001468	9617	ENSG00000253658	LINC01592
NR4A2_Medium	chr8	69093927	69094327	Promoter (9-10kb)	8	68911803	69104190	9863	ENSG00000253658	LINC01592
NR4A2_Medium	chr8	74555391	74555791	Promoter (6-7kb)	8	74548550	74548609	-6782	ENSG00000283505	MIR5681B
NR4A2_Medium	chr8	74602803	74603203	Promoter (2-3kb)	8	74599866	74758352	2937	ENSG00000254349	MIR2052HG
NR4A2_Medium	chr8	78567310	78567710	Promoter (8-9kb)	8	78533892	78558503	-8807	ENSG00000254266	PKIA-AS1
NR4A2_Medium	chr8	78749423	78749823	Promoter (9-10kb)	8	78717900	78740082	-9341	ENSG00000104432	IL7
NR4A2_Medium	chr8	79811063	79811463	Promoter (9-10kb)	8	79819060	79821309	9846	ENSG00000249328	LOC101927040
NR4A2_Medium	chr8	80151725	80152125	Promoter (6-7kb)	8	80064475	80158887	6762	ENSG00000076554	TPD52
NR4A2_Medium	chr8	84704449	84704849	Promoter (1-2kb)	8	84705927	84921841	-1078	ENSG00000184672	RALYL
NR4A2_Medium	chr8	85714523	85714923	Promoter (<=1kb)	8	85714922	85715833	0	ENSG00000277422	REXO1L2P
NR4A2_Medium	chr8	86332993	86333393	Promoter (9-10kb)	8	86342547	86468503	-9154	ENSG00000123124	WWP1
NR4A2_Medium	chr8	89786224	89786624	Promoter (6-7kb)	8	89780088	89780778	6136	ENSG00000104312	RIPK2
NR4A2_Medium	chr8	90096458	90096858	Promoter (<=1kb)	8	90063299	90095475	-983	ENSG00000104327	CALB1
NR4A2_Medium	chr8	90211164	90211564	Promoter (9-10kb)	8	90221341	90388594	-9777	ENSG00000253394	LINC00534
NR4A2_Medium	chr8	90599117	90599517	Promoter (6-7kb)	8	90592804	90606065	6548	ENSG00000253799	LINC01030
NR4A2_Medium	chr8	91095143	91095543	Promoter (7-8kb)	8	91102619	91219236	-7076	ENSG00000214954	LRRRC69
NR4A2_Medium	chr8	92963474	92963874	Promoter (1-2kb)	8	92953415	92965488	1614	ENSG00000205133	TRIQQ
NR4A2_Medium	chr8	93009514	93009914	Promoter (7-8kb)	8	92885320	93017673	7759	ENSG00000205133	TRIQQ
NR4A2_Medium	chr8	94223523	94223923	Promoter (6-7kb)	8	94128240	94217303	-6220	ENSG00000079112	CDH17
NR4A2_Medium	chr8	94729664	94730064	Promoter (3-4kb)	8	94726402	94745084	3262	ENSG00000156162	DPY19L4
NR4A2_Medium	chr8	97883870	97884270	Promoter (3-4kb)	8	97887834	97931106	-3564	ENSG00000132561	MATN2
NR4A2_Medium	chr8	98045681	98046081	Promoter (<=1kb)	8	98042645	98045550	-131	ENSG00000156482	RPL30
NR4A2_Medium	chr8	99006800	99007200	Promoter (6-7kb)	8	99013266	99209787	-6066	ENSG00000132549	VPS13B
NR4A2_Medium	chr8	99998219	99998619	Promoter (5-6kb)	8	100004583	100004649	-5964	ENSG00000212414	SNORD77B
NR4A2_Medium	chr8	100163568	100163968	Promoter (5-6kb)	8	100158428	100241902	5140	ENSG00000104450	SPAG1
NR4A2_Medium	chr8	102029673	102030073	Promoter (9-10kb)	8	101719408	102020406	-9267	ENSG00000104490	NCALD
NR4A2_Medium	chr8	105924698	105925098	Promoter (2-3kb)	8	105785171	105927718	2620	NA	ZFPM2-AS1
NR4A2_Medium	chr8	108069923	108070323	Promoter (2-3kb)	8	107901102	108073089	2766	ENSG00000147655	RSPO2
NR4A2_Medium	chr8	108243453	108243853	Promoter (<=1kb)	8	108201865	108242833	-620	ENSG00000104408	EIF3E
NR4A2_Medium	chr8	109608559	109608959	Promoter (<=1kb)	8	109574653	109608075	-484	ENSG00000147642	SYBU
NR4A2_Medium	chr8	109645015	109645415	Promoter (<=1kb)	8	109586135	109645389	0	ENSG00000147642	SYBU
NR4A2_Medium	chr8	111239810	111240210	Promoter (3-4kb)	8	111183292	111236203	-3607	ENSG00000253103	LINC01609
NR4A2_Medium	chr8	111241159	111241559	Promoter (4-5kb)	8	111183292	111236203	-4956	ENSG00000253103	LINC01609
NR4A2_Medium	chr8	115814426	115814826	Promoter (4-5kb)	8	115619913	115809673	-4753	ENSG00000104447	TRPS1
NR4A2_Medium	chr8	119645893	119646293	Promoter (7-8kb)	8	119557521	119638839	-7054	ENSG00000136960	ENPP2
NR4A2_Medium	chr8	119666437	119666837	Promoter (6-7kb)	8	119557086	119673453	6616	ENSG00000136960	ENPP2
NR4A2_Medium	chr8	119792716	119793116	Promoter (<=1kb)	8	119789679	119791874	-842	ENSG00000064313	TAF2
NR4A2_Medium	chr8	119969342	119969742	Promoter (<=1kb)	8	119969788	120049591	-46	ENSG00000155792	DEPTOR
NR4A2_Medium	chr8	122662400	122662800	Promoter (8-9kb)	8	122667539	122671390	8590	NA	LINC01151
NR4A2_Medium	chr8	122739840	122740240	Promoter (6-7kb)	8	122620716	122733804	-6036	NA	LINC01151
NR4A2_Medium	chr8	123150791	123151191	Promoter (6-7kb)	8	123157729	123165173	-6538	ENSG00000156787	TBC1D31
NR4A2_Medium	chr8	123180400	123180800	Promoter (1-2kb)	8	123179114	123180719	1286	ENSG00000147689	FAM83A
NR4A2_Medium	chr8	123659115	123659515	Promoter (6-7kb)	8	123645527	123652950	-6165	ENSG00000175946	KLHL38
NR4A2_Medium	chr8	124855867	124856267	Promoter (6-7kb)	8	124849044	124951177	6823	ENSG00000249816	LINC00964
NR4A2_Medium	chr8	125421694	125422094	Promoter (8-9kb)	8	125430358	125438403	-8264	ENSG00000173334	TRIB1
NR4A2_Medium	chr8	127946632	127947032	Promoter (1-2kb)	8	127946880	127948345	1313	ENSG00000280055	TMEM75
NR4A2_Medium	chr8	127955449	127955849	Promoter (4-5kb)	8	127960633	127960695	-4784	ENSG00000221771	MIR1205
NR4A2_Medium	chr8	127960708	127961108	Promoter (<=1kb)	8	127960633	127960695	75	ENSG00000221771	MIR1205
NR4A2_Medium	chr8	127973672	127974072	Promoter (9-10kb)	8	127983878	128101256	-9806	ENSG00000249859	PVT1
NR4A2_Medium	chr8	129859085	129859485	Promoter (2-3kb)	8	129850554	129862326	2841	ENSG00000153310	CYRIB
NR4A2_Medium	chr8	129864501	129864901	Promoter (2-3kb)	8	129850554	129862326	-2175	ENSG00000153310	CYRIB
NR4A2_Medium	chr8	129930951	129931351	Promoter (8-9kb)	8	129841484	129939694	8343	ENSG00000153310	CYRIB
NR4A2_Medium	chr8	131929078	131929478	Promoter (8-9kb)	8	131938225	132010895	-8747	ENSG00000132294	EFR3A
NR4A2_Medium	chr8	132058934	132059334	Promoter (<=1kb)	8	132024216	132059382	48	ENSG00000253117	OC90
NR4A2_Medium	chr8	132454676	132455076	Promoter (7-8kb)	8	132128980	132447262	-7414	ENSG00000184156	KCNQ3
NR4A2_Medium	chr8	132630601	132631001	Promoter (5-6kb)	8	132572199	132625387	-5214	ENSG00000129295	LRRRC6
NR4A2_Medium	chr8	132822248	132822648	Promoter (4-5kb)	8	132817408	132847580	4840	ENSG00000129292	PHF20L1
NR4A2_Medium	chr8	132893088	132893488	Promoter (4-5kb)	8	132897689	133134897	-4201	ENSG00000042832	TG
NR4A2_Medium	chr8	134689596	134689996	Promoter (6-7kb)	8	134477788	134696554	6558	ENSG00000066827	ZFAT
NR4A2_Medium	chr8	134695294	134695694	Promoter (<=1kb)	8	134477788	134696554	860	ENSG00000066827	ZFAT
NR4A2_Medium	chr8	134859687	134860087	Promoter (9-10kb)	8	134849935	134881899	9752	ENSG00000251218	LOC101927845
NR4A2_Medium	chr8	138494157	138494557	Promoter (2-3kb)	8	138132593	138496822	2265	ENSG00000147724	FAM135B
NR4A2_Medium	chr8	139651561	139651961	Promoter (2-3kb)	8	139600845	139654330	2369	ENSG00000169427	KCNK9
NR4A2_Medium	chr8	140011376	140011776	Promoter (2-3kb)	8	139732093	140008591	-2785	ENSG00000167632	TRAPPC9
NR4A2_Medium	chr8	140229878	140230278	Promoter (8-9kb)	8	139988740	140238493	8215	ENSG00000167632	TRAPPC9
NR4A2_Medium	chr8	140447829	140448229	Promoter (2-3kb)	8	139730345	140450930	2701	ENSG00000167632	TRAPPC9
NR4A2_Medium	chr8	140451483	140451883	Promoter (<=1kb)	8	139730345	140450930	-553	ENSG00000167632	TRAPPC9
NR4A2_Medium	chr8	140632192	140632592	Promoter (2-3kb)	8	140531421	140635546	2954	ENSG00000123908	AGO2
NR4A2_Medium	chr8	140844903	140845303	Promoter (<=1kb)	8	140659071	140846290	987	ENSG00000169398	PTK2
NR4A2_Medium	chr8	141119381	141119781	Promoter (2-3kb)	8	141117278	141141276	2103	ENSG00000105339	DENND3
NR4A2_Medium	chr8	141312420	141312820	Promoter (4-5kb)	8	141218774	141308305	-4115	ENSG00000022567	SLC45A4
NR4A2_Medium	chr8	141497023	141497423	Promoter (<=1kb)	8	141494911	141496759	-264	ENSG00000226807	MROH5
NR4A2_Medium	chr8	142189636	142190036	Promoter (8-9kb)	8	142198356	142209003	-8320	ENSG00000254008	LINC00051
NR4A2_Medium	chr8	142190930	142191330	Promoter (7-8kb)	8	142198356	142209003	-7026	ENSG00000254008	LINC00051
NR4A2_Medium	chr8	142192677	142193077	Promoter (5-6kb)	8	142198356	142209003	-5279	ENSG00000254008	LINC00051
NR4A2_Medium	chr8	142207338	142207738	Promoter (8-9kb)	8	142198356	142209003	8982	ENSG00000254008	LINC00051
NR4A2_Medium	chr8	142285364	142285764	Promoter (5-6kb)						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr9	506208	506608	Promoter (1-2kb)	9	504716	746105	1492	ENSG00000107104	KANK1
NR4A2_Medium	chr9	727358	727758	Promoter (4-5kb)	9	732442	746102	-4684	ENSG00000107104	KANK1
NR4A2_Medium	chr9	2152507	2152907	Promoter (4-5kb)	9	2157680	2186154	-4773	ENSG00000080503	SMARCA2
NR4A2_Medium	chr9	2182516	2182916	Promoter (<=1kb)	9	2181571	2186183	945	ENSG00000080503	SMARCA2
NR4A2_Medium	chr9	2628773	2629173	Promoter (6-7kb)	9	2421782	2622457	-6316	ENSG00000236404	VLDLR-AS1
NR4A2_Medium	chr9	3401899	3402299	Promoter (6-7kb)	9	3247037	3395596	-6303	ENSG00000080298	RFX3
NR4A2_Medium	chr9	3965694	3966094	Promoter (9-10kb)	9	3825255	3975199	9105	ENSG00000107249	GLIS3
NR4A2_Medium	chr9	4485683	4486083	Promoter (4-5kb)	9	4490468	4587469	-4385	ENSG00000106688	SLC1A1
NR4A2_Medium	chr9	4976292	4976692	Promoter (7-8kb)	9	4984390	5078444	-7698	ENSG00000096968	JAK2
NR4A2_Medium	chr9	5125136	5125536	Promoter (<=1kb)	9	5125965	5126974	-429	ENSG00000096968	JAK2
NR4A2_Medium	chr9	5471710	5472110	Promoter (8-9kb)	9	5462935	5465912	8775	ENSG00000120217	CD274
NR4A2_Medium	chr9	6487416	6487816	Promoter (<=1kb)	9	6486871	6507054	545	ENSG00000147854	UHRF2
NR4A2_Medium	chr9	6497877	6498277	Promoter (<=1kb)	9	6498352	6507054	-75	ENSG00000147854	UHRF2
NR4A2_Medium	chr9	6803805	6804205	Promoter (1-2kb)	9	6805617	6819079	-1412	ENSG00000107077	KDM4C
NR4A2_Medium	chr9	7044597	7044997	Promoter (4-5kb)	9	7049192	7104017	-4195	ENSG00000107077	KDM4C
NR4A2_Medium	chr9	7123590	7123990	Promoter (3-4kb)	9	7127907	7169884	-3917	ENSG00000107077	KDM4C
NR4A2_Medium	chr9	7808528	7808928	Promoter (8-9kb)	9	7798199	7800148	-8380	ENSG00000137038	DMAC1
NR4A2_Medium	chr9	13478193	13478593	Promoter (9-10kb)	9	13407521	13488125	9532	ENSG00000270547	LINC01235
NR4A2_Medium	chr9	14325597	14325997	Promoter (3-4kb)	9	14087629	14322338	-3259	ENSG00000147862	NFIB
NR4A2_Medium	chr9	14728059	14728459	Promoter (5-6kb)	9	14719724	14722733	-5326	ENSG00000147869	CER1
NR4A2_Medium	chr9	14729463	14729863	Promoter (6-7kb)	9	14719724	14722733	-6730	ENSG00000147869	CER1
NR4A2_Medium	chr9	16430656	16431056	Promoter (5-6kb)	9	16418543	16436372	5316	ENSG00000173068	BNC2
NR4A2_Medium	chr9	17570709	17571109	Promoter (7-8kb)	9	17579066	17797124	-7957	ENSG00000107295	SH3GL2
NR4A2_Medium	chr9	19126544	19126944	Promoter (<=1kb)	9	19125506	19127475	531	ENSG00000147872	PLIN2
NR4A2_Medium	chr9	19129656	19130056	Promoter (2-3kb)	9	19115761	19127492	-2164	ENSG00000147872	PLIN2
NR4A2_Medium	chr9	20375591	20375991	Promoter (6-7kb)	9	20360753	20382452	6461	ENSG00000171843	MLL3
NR4A2_Medium	chr9	20931610	20932010	Promoter (2-3kb)	9	20928944	20944717	2666	ENSG00000188352	FOCAD
NR4A2_Medium	chr9	21166884	21167284	Promoter (<=1kb)	9	21165637	21166660	-224	ENSG00000137080	IFNA21
NR4A2_Medium	chr9	21488253	21488653	Promoter (5-6kb)	9	21480839	21482313	-5940	ENSG00000184995	IFNE
NR4A2_Medium	chr9	22009804	22010204	Promoter (<=1kb)	9	22002903	22009305	-499	ENSG00000147883	CDKN2B
NR4A2_Medium	chr9	23820322	23820722	Promoter (<=1kb)	9	23690104	23821275	553	ENSG00000107105	ELAVL2
NR4A2_Medium	chr9	27104296	27104696	Promoter (4-5kb)	9	27109141	27229687	-4445	ENSG00000120156	TEK
NR4A2_Medium	chr9	27272512	27272912	Promoter (5-6kb)	9	27245680	27278503	5591	ENSG00000283945	LINC00032
NR4A2_Medium	chr9	31374368	31374768	Promoter (6-7kb)	9	31371611	31381490	6722	ENSG00000260720	LINC01243
NR4A2_Medium	chr9	33335828	33336228	Promoter (6-7kb)	9	33342812	33351882	-6584	ENSG00000086102	NFX1
NR4A2_Medium	chr9	33682215	33682615	Promoter (4-5kb)	9	33673504	33677499	-4716	ENSG00000237984	PTENP1
NR4A2_Medium	chr9	34101746	34102146	Promoter (7-8kb)	9	34089412	34093779	-7967	ENSG00000198876	DCAF12
NR4A2_Medium	chr9	34120400	34120800	Promoter (4-5kb)	9	34107361	34125703	4903	ENSG00000198876	DCAF12
NR4A2_Medium	chr9	34323120	34323520	Promoter (5-6kb)	9	34329506	34343711	-5986	ENSG00000164978	NUDT2
NR4A2_Medium	chr9	34667415	34667815	Promoter (1-2kb)	9	34665028	34666112	-1303	ENSG00000187186	LOC730098
NR4A2_Medium	chr9	34988157	34988557	Promoter (<=1kb)	9	34985410	34989379	822	ENSG00000281491	DNAJB5-DT
NR4A2_Medium	chr9	35108313	35108713	Promoter (2-3kb)	9	35104142	35111423	2710	ENSG00000005238	FAM214B
NR4A2_Medium	chr9	35548839	35549239	Promoter (9-10kb)	9	35538980	35547236	9859	ENSG00000198853	RUSC2
NR4A2_Medium	chr9	35685414	35685814	Promoter (<=1kb)	9	35684041	35685466	0	ENSG00000198467	TPM2
NR4A2_Medium	chr9	35727403	35727803	Promoter (4-5kb)	9	35723104	35732104	4301	ENSG00000137076	TLN1
NR4A2_Medium	chr9	36178785	36179185	Promoter (9-10kb)	9	36169388	36171334	9397	ENSG00000185972	CCIN
NR4A2_Medium	chr9	37432053	37432453	Promoter (2-3kb)	9	37429786	37432811	2267	ENSG00000137106	GRHPR
NR4A2_Medium	chr9	37601750	37602150	Promoter (9-10kb)	9	37588458	37592604	-9146	ENSG00000175768	TOMM5
NR4A2_Medium	chr9	41229311	41230116	Promoter (3-4kb)	9	41233755	41233835	-3639	ENSG00000276029	MIR4477A
NR4A2_Medium	chr9	61856647	61857054	Promoter (2-3kb)	9	61854216	62076341	2431	ENSG00000231527	FAM27C
NR4A2_Medium	chr9	62799297	62799697	Promoter (1-2kb)	9	62801461	62810186	-1764	ENSG00000238113	LINC01410
NR4A2_Medium	chr9	63816812	63817212	Promoter (2-3kb)	9	63819574	63819654	-2362	ENSG00000266017	MIR4477B
NR4A2_Medium	chr9	63817648	63818338	Promoter (1-2kb)	9	63819574	63819654	-1236	ENSG00000266017	MIR4477B
NR4A2_Medium	chr9	63823342	63823742	Promoter (3-4kb)	9	63819574	63819654	3768	ENSG00000266017	MIR4477B
NR4A2_Medium	chr9	68355935	68356335	Promoter (<=1kb)	9	68356611	68531061	-276	ENSG00000154330	PGM5
NR4A2_Medium	chr9	68491051	68491451	Promoter (5-6kb)	9	68496825	68531061	-5374	ENSG00000154330	PGM5
NR4A2_Medium	chr9	69171753	69172153	Promoter (2-3kb)	9	69174277	69255201	-2124	ENSG00000119139	TJP2
NR4A2_Medium	chr9	70423483	70423883	Promoter (8-9kb)	9	70384597	70414624	-8859	ENSG00000119138	KLF9
NR4A2_Medium	chr9	70810071	70810471	Promoter (<=1kb)	9	70809975	70810084	0	ENSG00000207935	MIR204
NR4A2_Medium	chr9	71437250	71437650	Promoter (9-10kb)	9	70535944	71446835	9185	ENSG00000083067	TRPM3
NR4A2_Medium	chr9	72312654	72313054	Promoter (7-8kb)	9	72305517	72315464	7137	ENSG00000225434	LINC01504
NR4A2_Medium	chr9	72519472	72519872	Promoter (1-2kb)	9	72521608	72627969	-1736	ENSG00000165091	TMC1
NR4A2_Medium	chr9	76392836	76393236	Promoter (<=1kb)	9	76387284	76393766	530	ENSG00000135002	RFK
NR4A2_Medium	chr9	76434538	76434938	Promoter (6-7kb)	9	76441666	76507414	-6728	ENSG00000187210	GCNT1
NR4A2_Medium	chr9	76463750	76464150	Promoter (4-5kb)	9	76459283	76651203	4467	ENSG00000187210	GCNT1
NR4A2_Medium	chr9	76636682	76637082	Promoter (8-9kb)	9	76641947	76645138	8056	ENSG00000106772	PRUNE2
NR4A2_Medium	chr9	76861030	76861430	Promoter (7-8kb)	9	76846599	76869182	7752	ENSG00000106772	PRUNE2
NR4A2_Medium	chr9	77454403	77454803	Promoter (1-2kb)	9	77456295	77526697	-1492	ENSG00000231373	GNA14-AS1
NR4A2_Medium	chr9	78295728	78296128	Promoter (<=1kb)	9	78297125	78330093	-997	ENSG00000135069	PSAT1
NR4A2_Medium	chr9	83272377	83272777	Promoter (5-6kb)	9	83242990	83267287	-5090	ENSG00000172159	FRMD3
NR4A2_Medium	chr9	83288555	83288955	Promoter (6-7kb)	9	83247972	83281608	-6947	ENSG00000172159	FRMD3
NR4A2_Medium	chr9	83823144	83823544	Promoter (5-6kb)	9	83816996	83818121	-5023	ENSG00000165113	GKAP1
NR4A2_Medium	chr9	83930148	83930548	Promoter (8-9kb)	9	83836698	83921465	-8683	ENSG00000165115	KIF27
NR4A2_Medium	chr9	86259703	86260103	Promoter (<=1kb)	9	86220265	86259657	-46	ENSG00000187753	C9orf153
NR4A2_Medium	chr9	86262845	86263245	Promoter (3-4kb)	9	86220265	86259657	-3188	ENSG00000187753	C9orf153
NR4A2_Medium	chr9	87076401	87076801	Promoter (8-9kb)	9	87084161	87085151	8350	NA	NFYCP2
NR4A2_Medium	chr9	87764881	87765281	Promoter (7-8kb)	9	87772453	87774299	-7172	ENSG00000188029	CTSL3P
NR4A2_Medium	chr9	87885115	87885515	Promoter (2-3kb)	9	87882877	87888903	2238	ENSG00000177992	SPATA31E1
NR4A2_Medium	chr9	88542776	88543176	Promoter (7-8kb)	9	88535186	88584274	7590	ENSG00000130045	NXNL2
NR4A2_Medium	chr9	88743230	88743630	Promoter (2-3kb)	9	88745836	88745905	2275	ENSG00000265873	MIR4289
NR4A2_Medium	chr9	88994804	88995204	Promoter (3-4kb)	9	88991468	89005155	3336	ENSG00000213694	S1PR3
NR4A2_Medium	chr9	89423702	89424102	Promoter (4-5kb)	9	89376386	89418833	-4869	ENSG00000187764	SEMA4D
NR4A2_Medium	chr9	89649259	89649659	Promoter (9-10kb)	9	89639814	89719759	9445	ENSG00000237372	UNQ6494
NR4A2_Medium	chr9	89666319	89666719	Promoter (3-4kb)	9	89662982	89672981	3337	ENSG00000237372	UNQ6494
NR4A2_Medium	chr9	90803406	90803806	Promoter (1-2kb)	9	90801962	90844246	1444	ENSG00000165025	SYK
NR4A2_Medium	chr9	92028479	92028879	Promoter (9-10kb)	9	92032354	92038458	9579	ENSG00000090054	SPTLC1
NR4A2_Medium	chr9	92105650	92106050	Promoter (2-3kb)	9	92079853	92108768	2718	ENSG00000090054	SPTLC1
NR4A2_Medium	chr9	92141868	92142268	Promoter (<=1kb)	9	92141596	92145110	272	NA	LINC00475
NR4A2_Medium	chr9	92260576	92260976	Promoter (<=1kb)	9	92256357	92260212	-364	ENSG00000196305	IARS1
NR4A2_Medium	chr9	92629370	92629770	Promoter (8-9kb)	9	92615527	92638079	8309	ENSG00000127080	IPPK
NR4A2_Medium	chr9	92812900	92813300	Promoter (<=1kb)	9	92813907	92838457	-607	ENSG00000187984	ANKRD19P
NR4A2_Medium	chr9	93136081	93136481	Promoter (1-2kb)	9	93121496	93134251	-1830	ENSG00000131669	NINJ1
NR4A2_Medium	chr9	93963622	93964022	Promoter (7-8kb)	9	93955834	93957922	7788	ENSG00000235601	BARX1-DT
NR4A2_Medium	chr9	94958889	94959289	Promoter (2-3kb)	9	94955946	95006200	2943	ENSG00000148120	AOPEP
NR4A2_Medium	chr9	94965375	94965775	Promoter (2-3kb)	9	94967784	95060919	-2009	ENSG00000148120	AOPEP
NR4A2_Medium	chr9	95472830	95473230	Promoter (3-4kb)	9	95467287	95469189	-3641	ENSG00000185920	PTCH1



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr9	104509188	104509588	Promoter (4-5kb)	9	104504263	104505222	4925	ENSG00000186881	OR13F1
NR4A2_Medium	chr9	105446954	105447354	Promoter (<=1kb)	9	105447796	105530963	-442	ENSG00000106701	FSD1L
NR4A2_Medium	chr9	105986414	105986814	Promoter (6-7kb)	9	105993310	106702662	-6496	ENSG00000234323	LINC01505
NR4A2_Medium	chr9	110207578	110207978	Promoter (<=1kb)	9	110190048	110207480	-98	ENSG00000188959	C9orf152
NR4A2_Medium	chr9	112181094	112181494	Promoter (5-6kb)	9	112040785	112175408	-5686	ENSG00000106868	SUSD1
NR4A2_Medium	chr9	112837665	112838065	Promoter (<=1kb)	9	112838585	112866525	-520	ENSG00000148158	SNX30
NR4A2_Medium	chr9	113308091	113308491	Promoter (4-5kb)	9	113302101	113303376	-4715	ENSG00000165188	RNF183
NR4A2_Medium	chr9	114278205	114278605	Promoter (9-10kb)	9	114268807	114274230	9398	ENSG00000196739	COL27A1
NR4A2_Medium	chr9	114809475	114809875	Promoter (3-4kb)	9	114784652	114806039	-3436	ENSG00000181634	TNFSF15
NR4A2_Medium	chr9	117221811	117222211	Promoter (7-8kb)	9	116425228	117214553	-7258	ENSG00000148219	ASTN2
NR4A2_Medium	chr9	120876022	120876422	Promoter (<=1kb)	9	120870487	120876433	11	ENSG00000119403	PHF19
NR4A2_Medium	chr9	120890185	120890585	Promoter (4-5kb)	9	120855698	120894896	4311	ENSG00000119403	PHF19
NR4A2_Medium	chr9	121202008	121202408	Promoter (<=1kb)	9	121178133	121201869	-139	ENSG00000119396	RAB14
NR4A2_Medium	chr9	121734139	121734539	Promoter (2-3kb)	9	121737151	121785530	-2612	ENSG00000136848	DAB2IP
NR4A2_Medium	chr9	122179437	122179837	Promoter (9-10kb)	9	122169661	122174754	9776	ENSG00000185681	MORN5
NR4A2_Medium	chr9	122250456	122250856	Promoter (2-3kb)	9	122241670	122247546	-2910	ENSG00000119446	RBM18
NR4A2_Medium	chr9	122253742	122254142	Promoter (6-7kb)	9	122241670	122247546	-6196	ENSG00000119446	RBM18
NR4A2_Medium	chr9	122844419	122844819	Promoter (6-7kb)	9	122849799	122851569	6750	ENSG00000056586	RC3H2
NR4A2_Medium	chr9	123266641	123267041	Promoter (1-2kb)	9	123125220	123268564	1523	ENSG00000165209	STRBP
NR4A2_Medium	chr9	123347482	123347882	Promoter (8-9kb)	9	123356170	123374099	-8288	ENSG00000148204	CRB2
NR4A2_Medium	chr9	123486808	123487208	Promoter (1-2kb)	9	123485529	123485622	-1186	ENSG00000274932	MIR7150
NR4A2_Medium	chr9	123584208	123584608	Promoter (<=1kb)	9	123411293	123583217	-991	ENSG00000119522	DENND1A
NR4A2_Medium	chr9	124419451	124419851	Promoter (4-5kb)	9	124396760	124415444	-4007	ENSG00000136930	PSMB7
NR4A2_Medium	chr9	125255887	125256287	Promoter (5-6kb)	9	125261794	125341864	-5507	ENSG00000165219	GAPVD1
NR4A2_Medium	chr9	125507794	125508194	Promoter (1-2kb)	9	125438813	125506366	-1428	ENSG00000119487	MAPKAP1
NR4A2_Medium	chr9	125576442	125576842	Promoter (8-9kb)	9	125559114	125585627	8785	ENSG00000119487	MAPKAP1
NR4A2_Medium	chr9	125596583	125596983	Promoter (<=1kb)	9	125438655	125595646	-937	ENSG00000119487	MAPKAP1
NR4A2_Medium	chr9	125667134	125667534	Promoter (2-3kb)	9	125665366	125669845	2311	ENSG00000119487	MAPKAP1
NR4A2_Medium	chr9	126620319	126620719	Promoter (5-6kb)	9	126614469	126696549	5850	ENSG00000136944	LMX1B
NR4A2_Medium	chr9	127245787	127246187	Promoter (<=1kb)	9	127245337	127320778	450	ENSG00000136895	GARNL3
NR4A2_Medium	chr9	127367386	127367786	Promoter (5-6kb)	9	127361716	127393538	5670	ENSG00000136895	GARNL3
NR4A2_Medium	chr9	127584431	127584831	Promoter (5-6kb)	9	127579370	127690886	5061	ENSG00000136854	STXBP1
NR4A2_Medium	chr9	127677421	127677821	Promoter (<=1kb)	9	127678524	127684680	-703	ENSG00000136854	STXBP1
NR4A2_Medium	chr9	127732749	127733149	Promoter (<=1kb)	9	127731912	127732874	0	ENSG00000160404	TOR2A
NR4A2_Medium	chr9	127775451	127775851	Promoter (1-2kb)	9	127742849	127774144	-1307	ENSG00000095370	SH2D3C
NR4A2_Medium	chr9	127795165	127795565	Promoter (<=1kb)	9	127794682	127808301	483	ENSG00000136877	FPGS
NR4A2_Medium	chr9	128077306	128077706	Promoter (9-10kb)	9	128068293	128109245	9013	ENSG00000148339	SLC25A25
NR4A2_Medium	chr9	128136555	128136955	Promoter (8-9kb)	9	128128529	128130628	8026	ENSG00000232850	PTGES2-AS1
NR4A2_Medium	chr9	128215385	128215785	Promoter (2-3kb)	9	128218243	128242295	-2458	ENSG00000106976	DNM1
NR4A2_Medium	chr9	128264115	128264515	Promoter (1-2kb)	9	128261685	128265937	1422	ENSG00000167110	GOLGA2
NR4A2_Medium	chr9	128427419	128427819	Promoter (<=1kb)	9	128428388	128437344	-569	ENSG00000167123	CERCAM
NR4A2_Medium	chr9	128772352	128772752	Promoter (<=1kb)	9	128753815	128772414	0	ENSG00000160445	ZER1
NR4A2_Medium	chr9	128825782	128826182	Promoter (<=1kb)	9	128822798	128826223	41	ENSG00000198917	SPOUT1
NR4A2_Medium	chr9	128845075	128845475	Promoter (<=1kb)	9	128838275	128845408	0	ENSG00000171097	KYAT1
NR4A2_Medium	chr9	128947689	128948089	Promoter (<=1kb)	9	128947699	129007096	0	ENSG00000095319	NUP188
NR4A2_Medium	chr9	129126140	129126540	Promoter (6-7kb)	9	129119513	129129065	6627	ENSG00000119383	PTPA
NR4A2_Medium	chr9	129716597	129716997	Promoter (1-2kb)	9	129712896	129718635	1638	ENSG00000236024	PRRX2-AS1
NR4A2_Medium	chr9	130052211	130052611	Promoter (<=1kb)	9	130053426	130140164	-815	ENSG00000148358	GPR107
NR4A2_Medium	chr9	130169784	130170184	Promoter (2-3kb)	9	130172404	130237303	-2220	ENSG00000107130	NCS1
NR4A2_Medium	chr9	130299514	130299914	Promoter (7-8kb)	9	130307519	130338606	-7605	ENSG00000148357	HMCN2
NR4A2_Medium	chr9	130304407	130304807	Promoter (2-3kb)	9	130307519	130338606	-2712	ENSG00000148357	HMCN2
NR4A2_Medium	chr9	130483623	130484023	Promoter (3-4kb)	9	130479856	130501178	3767	ENSG00000130707	ASS1
NR4A2_Medium	chr9	130485266	130485666	Promoter (5-6kb)	9	130479856	130501178	5410	ENSG00000130707	ASS1
NR4A2_Medium	chr9	130573528	130573928	Promoter (5-6kb)	9	130578965	130582086	-5037	ENSG00000107164	FUBP3
NR4A2_Medium	chr9	130898726	130899126	Promoter (1-2kb)	9	130892707	130896812	-1914	ENSG00000188710	QRFP
NR4A2_Medium	chr9	131135694	131136094	Promoter (<=1kb)	9	131135988	131146193	0	ENSG00000126883	NUP214
NR4A2_Medium	chr9	131462674	131463074	Promoter (7-8kb)	9	131455143	131470791	7531	ENSG00000130723	PRRC2B
NR4A2_Medium	chr9	132071433	132071833	Promoter (7-8kb)	9	132031886	132079645	7812	ENSG00000160563	MED27
NR4A2_Medium	chr9	132281813	132282213	Promoter (3-4kb)	9	132274923	132278109	-3704	ENSG00000107290	SETX
NR4A2_Medium	chr9	132355668	132356068	Promoter (<=1kb)	9	132261356	132354986	-682	ENSG00000107290	SETX
NR4A2_Medium	chr9	132373915	132374315	Promoter (4-5kb)	9	132375735	132379205	4890	ENSG00000125482	TTF1
NR4A2_Medium	chr9	132974403	132974803	Promoter (3-4kb)	9	132978651	132991650	-3848	ENSG00000165702	GF1B
NR4A2_Medium	chr9	133028517	133028917	Promoter (1-2kb)	9	133030675	133058501	-1758	ENSG00000148308	GTF3C5
NR4A2_Medium	chr9	133070270	133070670	Promoter (8-9kb)	9	133061978	133071861	8292	ENSG00000170835	CEL
NR4A2_Medium	chr9	133523726	133524126	Promoter (<=1kb)	9	133514586	133524959	833	ENSG00000187616	MYMK
NR4A2_Medium	chr9	133668147	133668547	Promoter (1-2kb)	9	133663972	133667123	-1024	ENSG00000123453	SARDH
NR4A2_Medium	chr9	133749688	133750088	Promoter (9-10kb)	9	133725393	133739955	-9733	ENSG00000123453	SARDH
NR4A2_Medium	chr9	133933535	133933935	Promoter (5-6kb)	9	133925851	133939301	5366	ENSG00000160293	VAV2
NR4A2_Medium	chr9	133983556	133983956	Promoter (8-9kb)	9	133861212	133992259	8303	ENSG00000160293	VAV2
NR4A2_Medium	chr9	134125421	134125821	Promoter (9-10kb)	9	134135365	134140790	-9544	ENSG00000196363	WDR5
NR4A2_Medium	chr9	134324162	134324562	Promoter (1-2kb)	9	134326455	134440585	-1893	ENSG00000186350	RXRA
NR4A2_Medium	chr9	134368784	134369184	Promoter (2-3kb)	9	134371971	134440585	-2787	ENSG00000186350	RXRA
NR4A2_Medium	chr9	134653920	134654320	Promoter (<=1kb)	9	134653185	134709227	735	ENSG00000130635	COL5A1
NR4A2_Medium	chr9	134848340	134848740	Promoter (<=1kb)	9	134849298	134849369	629	ENSG00000264744	MIR3689C
NR4A2_Medium	chr9	135084200	135084600	Promoter (1-2kb)	9	135086554	135098352	-1954	ENSG00000130558	OLFM1
NR4A2_Medium	chr9	135091549	135091949	Promoter (3-4kb)	9	135095060	135119654	-3111	ENSG00000130558	OLFM1
NR4A2_Medium	chr9	135334017	135334417	Promoter (8-9kb)	9	135343249	135346562	-8832	ENSG00000178243	C9orf62
NR4A2_Medium	chr9	135572704	135573104	Promoter (1-2kb)	9	135574935	135585364	-1831	ENSG00000237339	LINC01502
NR4A2_Medium	chr9	135655208	135655608	Promoter (7-8kb)	9	135663322	135665913	-7714	ENSG00000148386	LCN9
NR4A2_Medium	chr9	135726803	135727203	Promoter (9-10kb)	9	135736517	135793618	-9294	ENSG00000107147	KCNT1
NR4A2_Medium	chr9	135752523	135752923	Promoter (<=1kb)	9	135753751	135786399	-816	ENSG00000107147	KCNT1
NR4A2_Medium	chr9	135761519	135761919	Promoter (3-4kb)	9	135765685	135768494	-3766	ENSG00000107147	KCNT1
NR4A2_Medium	chr9	135773966	135774366	Promoter (1-2kb)	9	135772858	135784858	1108	ENSG00000107147	KCNT1
NR4A2_Medium	chr9	136049398	136049798	Promoter (<=1kb)	9	136006537	136050580	782	ENSG00000148411	NACC2
NR4A2_Medium	chr9	136085794	136086194	Promoter (9-10kb)	9	136006537	136095289	9095	ENSG00000148411	NACC2
NR4A2_Medium	chr9	136208811	136209211	Promoter (3-4kb)	9	136196250	136205128	-3683	ENSG00000107187	LHX3
NR4A2_Medium	chr9	136236322	136236722	Promoter (9-10kb)	9	136206333	136245841	9119	ENSG00000165661	QSOX2
NR4A2_Medium	chr9	136308111	136308511	Promoter (1-2kb)	9	136281380	136306901	-1210	ENSG00000260220	CCDC187
NR4A2_Medium	chr9	136308721	136309121	Promoter (1-2kb)	9	136281380	136306901	-1820	ENSG00000260220	CCDC187
NR4A2_Medium	chr9	136446321	136446721	Promoter (2-3kb)	9	136440103	136448842	2121	ENSG00000148396	SEC16A
NR4A2_Medium	chr9	136510494	136510894	Promoter (2-3kb)	9	136510511	136513110	2216	ENSG00000148400	NOTCH1
NR4A2_Medium	chr9	136554275	136554675	Promoter (5-6kb)	9	136549130	136549893	5145	NA	NALT1
NR4A2_Medium	chr9	136775436	136775836	Promoter (9-10kb)	9	136759636	13676625			

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr9	138142724	138143124	Promoter (6-7kb)	9	138150075	138174700	-6951	NA	TUBBP5
NR4A2_Medium	chr9	138177322	138177722	Promoter (2-3kb)	9	138175045	138177264	2277	NA	TUBBP5
NR4A2_Medium	chr9	138179592	138179992	Promoter (4-5kb)	9	138175045	138177264	4547	NA	TUBBP5
NR4A2_Medium	chr10	81066	81592	Promoter (6-7kb)	10	46892	74163	-6903	ENSG00000261456	TUBB8
NR4A2_Medium	chr10	128890	129290	Promoter (5-6kb)	10	134465	237651	-5175	ENSG00000015171	ZMYND11
NR4A2_Medium	chr10	388810	389210	Promoter (<=1kb)	10	364962	390016	806	ENSG000000151240	DIP2C
NR4A2_Medium	chr10	2011106	2011506	Promoter (2-3kb)	10	1989076	2014192	2686	NA	LINC00700
NR4A2_Medium	chr10	2500779	2501179	Promoter (<=1kb)	10	2446256	2501769	590	NA	LINC02645
NR4A2_Medium	chr10	3110614	3111014	Promoter (2-3kb)	10	3113458	3129941	-2444	ENSG00000067057	PFKP
NR4A2_Medium	chr10	3124875	3125275	Promoter (3-4kb)	10	3129007	3136793	-3732	ENSG00000067057	PFKP
NR4A2_Medium	chr10	3991076	3991476	Promoter (<=1kb)	10	3991160	3991259	0	ENSG00000274809	MIR6078
NR4A2_Medium	chr10	4777612	4778012	Promoter (8-9kb)	10	4786629	4837583	-8617	ENSG00000165568	AKR1E2
NR4A2_Medium	chr10	5416805	5417205	Promoter (4-5kb)	10	5412557	5459056	4248	ENSG00000173848	NET1
NR4A2_Medium	chr10	5439652	5440052	Promoter (6-7kb)	10	5446609	5452897	-6557	ENSG00000173848	NET1
NR4A2_Medium	chr10	5498018	5498418	Promoter (1-2kb)	10	5498697	5499570	1152	ENSG00000178372	CALML5
NR4A2_Medium	chr10	5640873	5641273	Promoter (<=1kb)	10	5638867	5641812	539	ENSG00000196372	ASB13
NR4A2_Medium	chr10	5736172	5736572	Promoter (5-6kb)	10	5730662	5739813	5510	ENSG00000108021	TASOR2
NR4A2_Medium	chr10	6094927	6095327	Promoter (1-2kb)	10	6096910	6110059	-1583	ENSG00000134453	RBM17
NR4A2_Medium	chr10	6121450	6121850	Promoter (7-8kb)	10	6114147	6115872	7303	ENSG00000134453	RBM17
NR4A2_Medium	chr10	6513280	6513680	Promoter (1-2kb)	10	6427143	6512172	-1108	ENSG00000065675	PRKCQ
NR4A2_Medium	chr10	6739718	6740118	Promoter (2-3kb)	10	6737418	6840712	2300	ENSG00000238266	LINC00707
NR4A2_Medium	chr10	7576273	7576673	Promoter (<=1kb)	10	7569162	7576597	0	ENSG00000123243	ITIH5
NR4A2_Medium	chr10	7788824	7789224	Promoter (<=1kb)	10	7788210	7799550	614	ENSG00000165629	ATP5F1C
NR4A2_Medium	chr10	7815052	7815452	Promoter (3-4kb)	10	7818505	8016631	-3053	ENSG00000165632	TAF3
NR4A2_Medium	chr10	8059462	8059862	Promoter (1-2kb)	10	8058399	8074064	1063	ENSG00000107485	GATA3
NR4A2_Medium	chr10	9273946	9274346	Promoter (1-2kb)	10	9275833	9287057	-1487	NA	LINC00709
NR4A2_Medium	chr10	12231250	12231650	Promoter (<=1kb)	10	12230948	12250589	302	ENSG00000151465	CDC123
NR4A2_Medium	chr10	12662851	12663251	Promoter (9-10kb)	10	12653138	12653197	-9654	ENSG00000283699	MIR4481
NR4A2_Medium	chr10	13348437	13348837	Promoter (<=1kb)	10	13317439	13348298	-139	ENSG00000086475	SEPHS1
NR4A2_Medium	chr10	13490430	13490830	Promoter (6-7kb)	10	13492692	13496929	6099	ENSG00000165626	BEND7
NR4A2_Medium	chr10	13521078	13521478	Promoter (4-5kb)	10	13480885	13526187	4709	ENSG00000165626	BEND7
NR4A2_Medium	chr10	13583559	13583959	Promoter (2-3kb)	10	13586939	13614060	-2980	ENSG00000165630	PRPF18
NR4A2_Medium	chr10	13715200	13715600	Promoter (7-8kb)	10	13692169	13707757	-7443	ENSG00000151474	FRMD4A
NR4A2_Medium	chr10	14467532	14467932	Promoter (5-6kb)	10	14326175	14462142	-5390	ENSG00000151474	FRMD4A
NR4A2_Medium	chr10	14541994	14542394	Promoter (6-7kb)	10	14521089	14548640	6246	ENSG00000065809	FAM107B
NR4A2_Medium	chr10	14825909	14826309	Promoter (1-2kb)	10	14819885	14828205	1896	ENSG00000185267	CDNF
NR4A2_Medium	chr10	15136201	15136601	Promoter (4-5kb)	10	15132817	15141353	4752	ENSG00000152465	NMT2
NR4A2_Medium	chr10	15254375	15254775	Promoter (5-6kb)	10	15214171	15248707	-5668	ENSG00000148468	FAM171A1
NR4A2_Medium	chr10	15375555	15375955	Promoter (4-5kb)	10	15211643	15371289	-4266	ENSG00000148468	FAM171A1
NR4A2_Medium	chr10	18358988	18359388	Promoter (7-8kb)	10	18366906	18540275	-7518	ENSG00000165995	CACNB2
NR4A2_Medium	chr10	18555700	18556100	Promoter (3-4kb)	10	18546062	18551822	-3878	ENSG00000241058	NSUN6
NR4A2_Medium	chr10	21659086	21659486	Promoter (9-10kb)	10	21668972	21671014	-9486	ENSG00000078403	MLLT10
NR4A2_Medium	chr10	22004062	22004462	Promoter (<=1kb)	10	21920610	22003769	-293	ENSG00000136770	DNAJC1
NR4A2_Medium	chr10	23010388	23010788	Promoter (3-4kb)	10	23006735	23008374	3653	ENSG00000165309	ARMC3
NR4A2_Medium	chr10	23334803	23335203	Promoter (8-9kb)	10	23343957	23345181	-8754	ENSG00000224215	LOC105376453
NR4A2_Medium	chr10	23339951	23340351	Promoter (3-4kb)	10	23343957	23345181	-3606	ENSG00000224215	LOC105376453
NR4A2_Medium	chr10	25052538	25052938	Promoter (9-10kb)	10	24981980	25062279	9341	ENSG00000151023	ENKUR
NR4A2_Medium	chr10	26208229	26208629	Promoter (5-6kb)	10	26202721	26212393	5508	ENSG00000095777	MYO3A
NR4A2_Medium	chr10	27154899	27155299	Promoter (<=1kb)	10	27145419	27155266	0	ENSG00000136758	YME1L1
NR4A2_Medium	chr10	27982624	27983024	Promoter (<=1kb)	10	27812166	27983106	82	ENSG00000169126	ARMC4
NR4A2_Medium	chr10	28295410	28295810	Promoter (6-7kb)	10	28289258	28289350	-6060	ENSG00000275036	MIR8086
NR4A2_Medium	chr10	28751086	28751486	Promoter (7-8kb)	10	28743913	28880246	7173	NA	LINC01517
NR4A2_Medium	chr10	29731567	29731967	Promoter (3-4kb)	10	29457338	29735804	3837	ENSG00000197321	SVIL
NR4A2_Medium	chr10	30053661	30054061	Promoter (5-6kb)	10	30012803	30059586	5525	ENSG00000165757	JCAD
NR4A2_Medium	chr10	32277767	32278167	Promoter (5-6kb)	10	32271554	32272249	-5518	ENSG00000120616	EPC1
NR4A2_Medium	chr10	32946910	32947310	Promoter (8-9kb)	10	32928150	32955663	8353	ENSG00000150093	ITGB1
NR4A2_Medium	chr10	33176022	33176422	Promoter (9-10kb)	10	33179897	33185655	9233	ENSG00000099250	NRP1
NR4A2_Medium	chr10	33190926	33191326	Promoter (5-6kb)	10	33179897	33185655	-5271	ENSG00000099250	NRP1
NR4A2_Medium	chr10	34821845	34822245	Promoter (6-7kb)	10	34815767	34816386	6078	ENSG00000226386	PARD3-AS1
NR4A2_Medium	chr10	35065529	35065929	Promoter (5-6kb)	10	35008551	35071339	5410	ENSG00000108094	CUL2
NR4A2_Medium	chr10	35334707	35335107	Promoter (1-2kb)	10	35336509	35572667	-1402	ENSG00000108100	CCNY
NR4A2_Medium	chr10	35783028	35783428	Promoter (4-5kb)	10	35778302	35800920	4726	ENSG00000280719	PCAT5
NR4A2_Medium	chr10	38013661	38014061	Promoter (2-3kb)	10	38010699	38054538	2962	ENSG00000189180	ZNF33A
NR4A2_Medium	chr10	42635564	42635964	Promoter (2-3kb)	10	42631808	42638521	2557	ENSG00000196693	ZNF33B
NR4A2_Medium	chr10	42874637	42875037	Promoter (3-4kb)	10	42871521	42874060	3116	ENSG00000234944	LINC02623
NR4A2_Medium	chr10	42997312	42997712	Promoter (<=1kb)	10	42997563	42997681	0	ENSG00000263795	MIR5100
NR4A2_Medium	chr10	43202570	43202970	Promoter (<=1kb)	10	43199116	43202682	0	ENSG00000198915	RASGEF1A
NR4A2_Medium	chr10	43392577	43392977	Promoter (3-4kb)	10	43387643	43396817	3840	ENSG00000169813	HNRNPF
NR4A2_Medium	chr10	43426414	43426814	Promoter (8-9kb)	10	43417249	43417438	-8976	ENSG00000221400	SNORD3J
NR4A2_Medium	chr10	43565207	43565607	Promoter (2-3kb)	10	43556344	43568459	2852	ENSG00000196793	ZNF239
NR4A2_Medium	chr10	43846723	43847123	Promoter (<=1kb)	10	43846415	43850835	308	ENSG00000226808	LINC00619
NR4A2_Medium	chr10	44396403	44396803	Promoter (9-10kb)	10	44378557	44386493	-9910	ENSG00000107562	CXCL12
NR4A2_Medium	chr10	44894961	44895361	Promoter (9-10kb)	10	44827449	44885299	-9662	ENSG00000224812	TMEM72-AS1
NR4A2_Medium	chr10	46021505	46021905	Promoter (1-2kb)	10	46005088	46023455	1550	ENSG00000266412	NCOA4
NR4A2_Medium	chr10	48250243	48250643	Promoter (<=1kb)	10	48248543	48251611	968	ENSG00000170324	FRMPD2
NR4A2_Medium	chr10	48647355	48647755	Promoter (4-5kb)	10	48582721	48652321	4566	ENSG00000128805	ARHGAP22
NR4A2_Medium	chr10	48970092	48970492	Promoter (1-2kb)	10	48968984	48976959	1108	ENSG00000128815	WDFY4
NR4A2_Medium	chr10	59300495	59300895	Promoter (1-2kb)	10	59247692	59302856	1961	ENSG00000148541	FAM13C
NR4A2_Medium	chr10	59710788	59711188	Promoter (<=1kb)	10	59650761	59710079	-709	ENSG00000165449	SLC16A9
NR4A2_Medium	chr10	61657032	61657432	Promoter (5-6kb)	10	61662961	61766400	-5529	ENSG00000183346	CABCOC01
NR4A2_Medium	chr10	62383766	62384166	Promoter (7-8kb)	10	62376194	62670301	7572	ENSG00000138311	ZNF365
NR4A2_Medium	chr10	67998930	67999330	Promoter (8-9kb)	10	67964792	67990241	-8689	ENSG00000148634	HERC4
NR4A2_Medium	chr10	68534757	68535157	Promoter (7-8kb)	10	68477998	68527523	-7234	ENSG00000122912	SLC25A16
NR4A2_Medium	chr10	68978475	68978875	Promoter (9-10kb)	10	68988721	69016946	-9846	ENSG00000198954	KIFBP
NR4A2_Medium	chr10	69079989	69080389	Promoter (7-8kb)	10	69088103	69104805	-7714	ENSG00000122862	SRGN
NR4A2_Medium	chr10	69081189	69081589	Promoter (6-7kb)	10	69088103	69104805	-6514	ENSG00000122862	SRGN
NR4A2_Medium	chr10	69278556	69278956	Promoter (<=1kb)	10	69278585	69296326	0	ENSG00000156515	HK1
NR4A2_Medium	chr10	69306914	69307314	Promoter (8-9kb)	10	69315785	69401443	-8471	ENSG00000156515	HK1
NR4A2_Medium	chr10	69488224	69488624	Promoter (4-5kb)	10	69483868	69507666	4356	ENSG00000099282	TSPAN15
NR4A2_Medium	chr10	69791720	69792120	Promoter (9-10kb)	10	69801867	69959144	-9747	ENSG00000197467	COL13A1
NR4A2_Medium	chr10	69877478	69877878	Promoter (<=1kb)	10	69877296	69879427	182	ENSG00000197467	COL13A1
NR4A2_Medium	chr10	70238828	70239228	Promoter (4-5kb)	10	70218779	70233911	-4917	ENSG00000180817	PPA1
NR4A2_Medium	chr10	70438529	70438929	Promoter (2-3kb)	10	70431936	70441681	2752	ENSG00000156574	NODAL
NR4A2_Medium	chr10	71791731	71792131	Promoter (<=1kb)	10	71790747	71790800	984	ENSG00000274824	MIR7152
NR4A2_Medium	chr10	71967811	71968211	Promoter (3-4kb)	10	71964395	72013558	3416	ENSG00000122863	CHST3
NR4A2										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr10	75241063	75241463	Promoter (2-3kb)	10	75243568	75361680	-2105	ENSG00000226051	ZNF503-AS1
NR4A2_Medium	chr10	75300491	75300891	Promoter (3-4kb)	10	75296497	75360804	3994	ENSG00000226051	ZNF503-AS1
NR4A2_Medium	chr10	77152112	77152512	Promoter (3-4kb)	10	77148292	77150100	3820	ENSG00000225497	KCNMA1-AS2
NR4A2_Medium	chr10	77628226	77628626	Promoter (8-9kb)	10	77011994	77637335	8709	ENSG00000156113	KCNMA1
NR4A2_Medium	chr10	78031862	78032262	Promoter (1-2kb)	10	78033760	78040713	-1498	ENSG00000138326	RPS24
NR4A2_Medium	chr10	79444934	79445334	Promoter (<=1kb)	10	79382325	79445624	290	ENSG00000165424	ZCCHC24
NR4A2_Medium	chr10	79988152	79988552	Promoter (5-6kb)	10	79941449	79982614	-5538	ENSG00000133661	SFTPD
NR4A2_Medium	chr10	80142746	80143146	Promoter (<=1kb)	10	80144048	80145030	-902	ENSG00000189129	PLAC9
NR4A2_Medium	chr10	80170903	80171303	Promoter (1-2kb)	10	80155124	80172871	1568	ENSG00000122359	ANXA11
NR4A2_Medium	chr10	80213581	80213981	Promoter (5-6kb)	10	80208209	80218614	5372	ENSG00000237523	LINC00857
NR4A2_Medium	chr10	80299127	80299527	Promoter (9-10kb)	10	80271820	80289658	-9469	ENSG00000151224	MAT1A
NR4A2_Medium	chr10	80656136	80656536	Promoter (6-7kb)	10	80649797	80653732	6339	ENSG00000231082	LINC02655
NR4A2_Medium	chr10	80657934	80658334	Promoter (8-9kb)	10	80649797	80653732	8137	ENSG00000231082	LINC02655
NR4A2_Medium	chr10	80659261	80659661	Promoter (9-10kb)	10	80649797	80653732	9464	ENSG00000231082	LINC02655
NR4A2_Medium	chr10	84186482	84186882	Promoter (7-8kb)	10	84194537	84218694	-7655	ENSG00000148600	CDHR1
NR4A2_Medium	chr10	84187055	84187455	Promoter (7-8kb)	10	84194537	84218694	-7082	ENSG00000148600	CDHR1
NR4A2_Medium	chr10	84255888	84256288	Promoter (<=1kb)	10	84255170	84258915	718	ENSG00000148604	RGR
NR4A2_Medium	chr10	84438951	84439351	Promoter (<=1kb)	10	84438543	84513702	408	ENSG00000107771	CCSER2
NR4A2_Medium	chr10	86373464	86373864	Promoter (6-7kb)	10	85599552	86366795	-6669	ENSG00000182771	GRID1
NR4A2_Medium	chr10	88903898	88904298	Promoter (2-3kb)	10	88901075	88923487	2823	ENSG00000138134	STAMBP1
NR4A2_Medium	chr10	89472038	89472438	Promoter (9-10kb)	10	89462615	89468140	9423	ENSG00000234452	SLC16A12-AS1
NR4A2_Medium	chr10	89561692	89562092	Promoter (5-6kb)	10	89462503	89556641	-5051	ENSG00000152779	SLC16A12
NR4A2_Medium	chr10	91037927	91038327	Promoter (4-5kb)	10	91033157	91062164	4770	NA	LINC00502
NR4A2_Medium	chr10	92501661	92502061	Promoter (3-4kb)	10	92451684	92497761	-3900	ENSG00000119912	IDE
NR4A2_Medium	chr10	93063960	93064360	Promoter (<=1kb)	10	93063646	93077424	314	ENSG00000095596	CYP26A1
NR4A2_Medium	chr10	94692795	94693195	Promoter (4-5kb)	10	94688154	94853073	4641	ENSG00000165841	CYP2C19
NR4A2_Medium	chr10	95879899	95880299	Promoter (1-2kb)	10	95874028	95878826	-1073	ENSG00000226688	ENTPD1-AS1
NR4A2_Medium	chr10	95882282	95882682	Promoter (3-4kb)	10	95874028	95878826	-3456	ENSG00000226688	ENTPD1-AS1
NR4A2_Medium	chr10	96304235	96304635	Promoter (<=1kb)	10	96304409	96338562	0	ENSG00000107447	DNTT
NR4A2_Medium	chr10	97383998	97384398	Promoter (3-4kb)	10	97373061	97380837	-3161	ENSG00000052749	RRP12
NR4A2_Medium	chr10	97454569	97454969	Promoter (<=1kb)	10	97455717	97456428	-748	ENSG00000171307	ZDHHC16
NR4A2_Medium	chr10	97562860	97563260	Promoter (9-10kb)	10	97572499	97583882	-9239	ENSG00000165887	ANKRD2
NR4A2_Medium	chr10	97581540	97581940	Promoter (2-3kb)	10	97584323	97600948	-2383	ENSG00000241935	HOGA1
NR4A2_Medium	chr10	97857868	97858268	Promoter (1-2kb)	10	97859449	97871577	-1181	ENSG00000155265	GOLGA7B
NR4A2_Medium	chr10	98385889	98386289	Promoter (2-3kb)	10	98387201	98388436	2147	ENSG00000119943	PYROXD2
NR4A2_Medium	chr10	98408996	98409396	Promoter (2-3kb)	10	98383565	98411877	2481	ENSG00000119943	PYROXD2
NR4A2_Medium	chr10	99622802	99623202	Promoter (2-3kb)	10	99610986	99620609	-2193	ENSG00000155287	SLC25A28
NR4A2_Medium	chr10	100238715	100239115	Promoter (1-2kb)	10	100237156	100237302	-1413	ENSG00000212464	SNORA12
NR4A2_Medium	chr10	100259085	100259485	Promoter (4-5kb)	10	100232305	100254619	-4466	ENSG00000095485	CWF19L1
NR4A2_Medium	chr10	101143864	101144264	Promoter (9-10kb)	10	101134314	101135516	9550	ENSG00000107807	TLX1
NR4A2_Medium	chr10	101223256	101223656	Promoter (5-6kb)	10	101229577	101240838	-5921	NA	LBX1-AS1
NR4A2_Medium	chr10	101603534	101603934	Promoter (2-3kb)	10	101601417	101601497	-2037	ENSG00000283558	MIR3158-2
NR4A2_Medium	chr10	101823393	101823793	Promoter (4-5kb)	10	101826973	101827955	4162	ENSG00000120049	KCNIP2
NR4A2_Medium	chr10	101826087	101826487	Promoter (1-2kb)	10	101826973	101827955	1468	ENSG00000120049	KCNIP2
NR4A2_Medium	chr10	101993445	101993845	Promoter (8-9kb)	10	101990551	102002064	8219	ENSG00000120029	ARMH3
NR4A2_Medium	chr10	102043288	102043688	Promoter (9-10kb)	10	102029448	102033438	-9850	ENSG00000120029	ARMH3
NR4A2_Medium	chr10	102051060	102051460	Promoter (4-5kb)	10	101845599	102056173	4713	ENSG00000120029	ARMH3
NR4A2_Medium	chr10	102705739	102706139	Promoter (8-9kb)	10	102673731	102714397	8258	ENSG00000138175	ARL3
NR4A2_Medium	chr10	102716329	102716729	Promoter (1-2kb)	10	102714659	102729506	1670	ENSG00000156398	SFXN2
NR4A2_Medium	chr10	102831659	102832059	Promoter (<=1kb)	10	102830948	102831703	0	ENSG00000148795	CYP17A1
NR4A2_Medium	chr10	103187015	103187415	Promoter (5-6kb)	10	103169284	103181320	-5695	ENSG00000076685	NT5C2
NR4A2_Medium	chr10	103285997	103286397	Promoter (8-9kb)	10	103277138	103290346	8859	ENSG00000148798	INA
NR4A2_Medium	chr10	103339782	103340182	Promoter (8-9kb)	10	103348355	103348939	8757	ENSG00000156374	PCGF6
NR4A2_Medium	chr10	103398616	103399016	Promoter (1-2kb)	10	103396650	103405075	1966	ENSG00000148843	PDCD11
NR4A2_Medium	chr10	103524251	103524651	Promoter (6-7kb)	10	103479603	103517393	-6858	ENSG00000235470	NEURL1-AS1
NR4A2_Medium	chr10	103570371	103570771	Promoter (<=1kb)	10	103571677	103577902	-906	ENSG00000107954	NEURL1
NR4A2_Medium	chr10	103691819	103692219	Promoter (1-2kb)	10	103599520	103693623	1404	ENSG00000107957	SH3PXD2A
NR4A2_Medium	chr10	103701470	103701870	Promoter (7-8kb)	10	103599520	103693623	-7847	ENSG00000107957	SH3PXD2A
NR4A2_Medium	chr10	104035932	104036332	Promoter (1-2kb)	10	104031350	104034130	-1802	ENSG00000065618	COL17A1
NR4A2_Medium	chr10	104216885	104217285	Promoter (1-2kb)	10	104218789	104218883	1598	ENSG00000208033	MIR609
NR4A2_Medium	chr10	104336207	104336607	Promoter (1-2kb)	10	104312157	104338448	1841	ENSG00000148841	ITPRIP
NR4A2_Medium	chr10	104630894	104631294	Promoter (9-10kb)	10	104641290	105265242	-9996	ENSG00000156395	SORCS3
NR4A2_Medium	chr10	109872412	109872812	Promoter (1-2kb)	10	109868636	109871032	-1380	ENSG00000108039	XPNPEP1
NR4A2_Medium	chr10	110014088	110014488	Promoter (1-2kb)	10	110016435	110117402	-1947	ENSG00000148700	ADD3
NR4A2_Medium	chr10	110080725	110081125	Promoter (1-2kb)	10	110079239	110124143	1486	ENSG00000148700	ADD3
NR4A2_Medium	chr10	110130715	110131115	Promoter (4-5kb)	10	110125902	110132727	4813	ENSG00000148700	ADD3
NR4A2_Medium	chr10	110295712	110296112	Promoter (8-9kb)	10	110298677	110304131	8019	ENSG00000119953	SMNDC1
NR4A2_Medium	chr10	112422634	112423034	Promoter (<=1kb)	10	112421981	112426608	653	ENSG00000197142	ACSL5
NR4A2_Medium	chr10	114034953	114035353	Promoter (8-9kb)	10	114043866	114046904	-8513	ENSG00000043591	ADRB1
NR4A2_Medium	chr10	114755562	114755962	Promoter (8-9kb)	10	114764788	114779903	-8826	ENSG00000228484	LOC101927692
NR4A2_Medium	chr10	115004443	115004843	Promoter (9-10kb)	10	114994657	114996593	9786	ENSG00000236799	LINC02626
NR4A2_Medium	chr10	116705824	116706224	Promoter (2-3kb)	10	116700954	116708246	2022	ENSG00000165868	HSPA12A
NR4A2_Medium	chr10	116714513	116714913	Promoter (6-7kb)	10	116700954	116708246	-6267	ENSG00000165868	HSPA12A
NR4A2_Medium	chr10	118745521	118745921	Promoter (8-9kb)	10	118729175	118754477	8556	ENSG00000151893	CACUL1
NR4A2_Medium	chr10	119085769	119086169	Promoter (4-5kb)	10	119035793	119080823	-4946	ENSG00000107581	EIF3A
NR4A2_Medium	chr10	119379374	119379774	Promoter (1-2kb)	10	119377972	119378043	1402	ENSG00000265719	MIR4681
NR4A2_Medium	chr10	120358177	120358577	Promoter (2-3kb)	10	120354701	120355183	-2994	ENSG00000122026	RPL21
NR4A2_Medium	chr10	120454678	120455078	Promoter (1-2kb)	10	120456954	120589855	-1876	ENSG00000203805	PLPP4
NR4A2_Medium	chr10	122644054	122644454	Promoter (8-9kb)	10	122635100	122643557	8954	ENSG00000187908	DMBT1
NR4A2_Medium	chr10	122724934	122725334	Promoter (4-5kb)	10	122729429	122826448	-4095	ENSG00000176584	DMBT1L1
NR4A2_Medium	chr10	123148007	123148407	Promoter (<=1kb)	10	123148122	123150672	0	ENSG00000188816	HMX2
NR4A2_Medium	chr10	123935839	123936239	Promoter (4-5kb)	10	123706207	123940267	4028	ENSG00000121898	CPXM2
NR4A2_Medium	chr10	124412965	124413365	Promoter (1-2kb)	10	124408893	124414436	1071	ENSG00000065154	OAT
NR4A2_Medium	chr10	124598893	124599293	Promoter (5-6kb)	10	124605200	124613425	-5907	ENSG00000107902	LHPP
NR4A2_Medium	chr10	125032622	125033022	Promoter (<=1kb)	10	125032783	125032870	0	ENSG00000264572	MIR4296
NR4A2_Medium	chr10	125717214	125717614	Promoter (1-2kb)	10	125709006	125719448	1834	ENSG00000224023	EDRF1-DT
NR4A2_Medium	chr10	127554592	127554992	Promoter (5-6kb)	10	127549369	127552639	5223	ENSG00000214285	NPS
NR4A2_Medium	chr10	131890373	131891149	Promoter (9-10kb)	10	131901008	131959834	-9859	ENSG00000175470	PPP2R2D
NR4A2_Medium	chr10	132159063	132159463	Promoter (2-3kb)	10	132161783	132163383	-2320	ENSG00000188385	JAKMIP3
NR4A2_Medium	chr10	132364276	132364676	Promoter (<=1kb)	10	132365471	132367001	-795	ENSG00000148814	LRRC27
NR4A2_Medium	chr10	132392347	132392747	Promoter (4-5kb)	10	132397168	132417528	-4421	ENSG00000171813	PWWP2B
NR4A2_Medium	chr10	132534095	132534495	Promoter (3-4kb)	10	132537787	132783480	-3292	ENSG00000068383	INPP

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr11	218623	219023	Promoter (5-6kb)	11	213449	214556	5174	ENSG00000177963	RIC8A
NR4A2_Medium	chr11	791113	791513	Promoter (<=1kb)	11	788178	790113	-1000	ENSG00000184524	CEND1
NR4A2_Medium	chr11	1408562	1408962	Promoter (<=1kb)	11	1409400	1442516	-438	ENSG00000174672	BRSK2
NR4A2_Medium	chr11	1469028	1469428	Promoter (4-5kb)	11	1469457	1473436	4008	ENSG00000182208	MOB2
NR4A2_Medium	chr11	1742912	1743312	Promoter (5-6kb)	11	1735213	1749102	5790	ENSG00000244242	IFITM10
NR4A2_Medium	chr11	1749857	1750257	Promoter (<=1kb)	11	1732410	1750580	323	ENSG00000244242	IFITM10
NR4A2_Medium	chr11	1754313	1754713	Promoter (<=1kb)	11	1753383	1754946	233	ENSG00000117984	CTSD
NR4A2_Medium	chr11	1772817	1773217	Promoter (8-9kb)	11	1759052	1764573	-8244	ENSG00000117984	CTSD
NR4A2_Medium	chr11	2126509	2127284	Promoter (6-7kb)	11	2134134	2134209	6925	ENSG00000207805	MIR483
NR4A2_Medium	chr11	2408469	2408869	Promoter (6-7kb)	11	2402293	2403875	6176	ENSG00000184281	TSSC4
NR4A2_Medium	chr11	2430538	2430938	Promoter (7-8kb)	11	2404515	2423045	-7493	ENSG00000070985	TRPM5
NR4A2_Medium	chr11	4085684	4086084	Promoter (<=1kb)	11	4086205	4091966	-121	ENSG00000167323	STIM1
NR4A2_Medium	chr11	5250489	5250889	Promoter (<=1kb)	11	5248079	5249859	-630	ENSG00000213934	HBG1
NR4A2_Medium	chr11	5258772	5259172	Promoter (3-4kb)	11	5248270	5254783	-3989	ENSG00000196565	HBG2
NR4A2_Medium	chr11	5441403	5441803	Promoter (<=1kb)	11	5440570	5441514	0	ENSG00000167359	OR5111
NR4A2_Medium	chr11	5486531	5486931	Promoter (1-2kb)	11	5488685	5489749	-1754	ENSG00000181609	OR52D1
NR4A2_Medium	chr11	5537268	5537668	Promoter (7-8kb)	11	5544489	5545549	7881	ENSG00000181616	OR52H1
NR4A2_Medium	chr11	5821712	5822112	Promoter (1-2kb)	11	5820314	5821348	1398	ENSG00000180988	OR52N2
NR4A2_Medium	chr11	5833221	5833621	Promoter (8-9kb)	11	5840928	5841897	8276	ENSG00000205409	OR52E6
NR4A2_Medium	chr11	5994681	5995081	Promoter (7-8kb)	11	5985892	5986985	-7696	ENSG00000183313	OR52L1
NR4A2_Medium	chr11	6386330	6386730	Promoter (3-4kb)	11	6390473	6394991	-3743	ENSG00000166311	SMPD1
NR4A2_Medium	chr11	6534727	6535127	Promoter (<=1kb)	11	6533924	6549035	803	ENSG00000179532	DNHD1
NR4A2_Medium	chr11	6656059	6656459	Promoter (<=1kb)	11	6621330	6655809	-250	ENSG00000166341	DCHS1
NR4A2_Medium	chr11	6664135	6664535	Promoter (8-9kb)	11	6621330	6655809	-8326	ENSG00000166341	DCHS1
NR4A2_Medium	chr11	7663958	7664358	Promoter (2-3kb)	11	7665282	7666684	2326	ENSG00000166394	CYB5R2
NR4A2_Medium	chr11	8643281	8643771	Promoter (4-5kb)	11	8645722	8648066	4295	ENSG00000166436	TRIM66
NR4A2_Medium	chr11	8650870	8651270	Promoter (2-3kb)	11	8645722	8648066	-2804	ENSG00000166436	TRIM66
NR4A2_Medium	chr11	8660429	8660829	Promoter (1-2kb)	11	8615539	8658836	-1593	ENSG00000166436	TRIM66
NR4A2_Medium	chr11	8763067	8763467	Promoter (3-4kb)	11	8730305	8766670	3203	ENSG00000166444	DENND2B
NR4A2_Medium	chr11	8801380	8801780	Promoter (6-7kb)	11	8715781	8794842	-6538	ENSG00000166444	DENND2B
NR4A2_Medium	chr11	8828767	8829167	Promoter (2-3kb)	11	8731133	8831939	2772	ENSG00000166444	DENND2B
NR4A2_Medium	chr11	9180771	9181171	Promoter (1-2kb)	11	9177930	9178949	-1822	ENSG00000184014	DENND5A
NR4A2_Medium	chr11	9455525	9455925	Promoter (4-5kb)	11	9460319	9478424	-4394	ENSG00000166478	ZNF143
NR4A2_Medium	chr11	9655511	9655911	Promoter (8-9kb)	11	9664077	9751821	-8166	ENSG00000133789	SWAP70
NR4A2_Medium	chr11	9723746	9724146	Promoter (2-3kb)	11	9726895	9750491	-2749	ENSG00000133789	SWAP70
NR4A2_Medium	chr11	10291099	10291499	Promoter (2-3kb)	11	9778667	10294207	2708	ENSG00000133812	SBF2
NR4A2_Medium	chr11	10658520	10658920	Promoter (6-7kb)	11	10576324	10652376	-6144	ENSG00000072952	IRAG1
NR4A2_Medium	chr11	10812479	10812879	Promoter (3-4kb)	11	10809204	10822931	3275	ENSG00000246308	LOC101928053
NR4A2_Medium	chr11	11621640	11622040	Promoter (<=1kb)	11	11270877	11622005	0	ENSG00000110328	GALNT18
NR4A2_Medium	chr11	12130108	12130508	Promoter (7-8kb)	11	12138388	12262919	-7880	ENSG00000133816	MICAL2
NR4A2_Medium	chr11	12204255	12204655	Promoter (3-4kb)	11	12207725	12263785	-3070	ENSG00000133816	MICAL2
NR4A2_Medium	chr11	12287577	12287977	Promoter (<=1kb)	11	12286900	12359144	677	ENSG00000133816	MICALCL
NR4A2_Medium	chr11	12889290	12889690	Promoter (9-10kb)	11	12879443	12944483	9847	ENSG00000187079	TEAD1
NR4A2_Medium	chr11	14348973	14349373	Promoter (5-6kb)	11	14278939	14354500	5127	ENSG00000133818	RRAS2
NR4A2_Medium	chr11	14372904	14373304	Promoter (8-9kb)	11	14278682	14364506	-8398	ENSG00000133818	RRAS2
NR4A2_Medium	chr11	14878071	14878471	Promoter (7-8kb)	11	14878012	14885841	7370	ENSG00000186104	CYP2R1
NR4A2_Medium	chr11	15147446	15147846	Promoter (1-2kb)	11	15149102	15246526	-1256	ENSG00000188487	INSC
NR4A2_Medium	chr11	16483161	16483561	Promoter (6-7kb)	11	15966449	16476388	-6773	ENSG00000110693	SOX6
NR4A2_Medium	chr11	17010153	17010553	Promoter (2-3kb)	11	16854894	17013342	2789	ENSG00000166689	PLEKHA7
NR4A2_Medium	chr11	17046484	17046884	Promoter (5-6kb)	11	17052025	17053024	-5141	ENSG00000184669	OR7E14P
NR4A2_Medium	chr11	17289842	17290242	Promoter (5-6kb)	11	17295322	17331523	-5080	ENSG00000070081	NUCB2
NR4A2_Medium	chr11	17438233	17438633	Promoter (4-5kb)	11	17430597	17442791	4158	ENSG00000006071	ABCC8
NR4A2_Medium	chr11	17494577	17494977	Promoter (1-2kb)	11	17494162	17496913	1936	ENSG00000006611	USH1C
NR4A2_Medium	chr11	17544638	17545038	Promoter (<=1kb)	11	17493900	17544416	-222	ENSG00000006611	USH1C
NR4A2_Medium	chr11	17782526	17782926	Promoter (3-4kb)	11	17779172	17783055	3354	ENSG00000129159	KCNC1
NR4A2_Medium	chr11	18016032	18016432	Promoter (2-3kb)	11	17788048	18013047	-2985	ENSG00000129158	SERGEF
NR4A2_Medium	chr11	18111278	18111678	Promoter (4-5kb)	11	18112472	18116132	4454	ENSG00000166787	SAA3P
NR4A2_Medium	chr11	18235654	18236054	Promoter (<=1kb)	11	18231355	18236802	748	ENSG00000148965	SAA4
NR4A2_Medium	chr11	18707479	18707879	Promoter (1-2kb)	11	18705418	18706129	-1350	ENSG00000179057	IGSF22
NR4A2_Medium	chr11	18802214	18802614	Promoter (9-10kb)	11	18727930	18792721	-9493	ENSG00000110786	PTPN5
NR4A2_Medium	chr11	19209010	19209410	Promoter (1-2kb)	11	19182037	19210571	1161	ENSG00000129170	CSRP3
NR4A2_Medium	chr11	20045127	20045527	Promoter (3-4kb)	11	20043846	20049303	3776	ENSG00000254453	NAV2-AS2
NR4A2_Medium	chr11	20096998	20097398	Promoter (6-7kb)	11	20104211	20118581	-6813	ENSG00000166833	NAV2
NR4A2_Medium	chr11	21287512	21287912	Promoter (3-4kb)	11	21283737	21504199	3775	ENSG00000165973	NELL1
NR4A2_Medium	chr11	22631041	22631441	Promoter (5-6kb)	11	22622890	22625841	-5200	ENSG00000183161	FANCF
NR4A2_Medium	chr11	22672471	22672871	Promoter (<=1kb)	11	22672577	22737760	0	ENSG00000148935	GAS2
NR4A2_Medium	chr11	27366824	27367224	Promoter (3-4kb)	11	27348869	27363234	-3590	ENSG00000109881	CCDC34
NR4A2_Medium	chr11	28117852	28118252	Promoter (7-8kb)	11	28110315	28164136	7537	ENSG00000169519	METTL15
NR4A2_Medium	chr11	29591939	29592339	Promoter (1-2kb)	11	29594326	29631509	-1987	ENSG00000255117	LINC02546
NR4A2_Medium	chr11	30012174	30012574	Promoter (3-4kb)	11	30012939	30016359	3785	ENSG00000182255	KCNA4
NR4A2_Medium	chr11	30016414	30016814	Promoter (<=1kb)	11	30012939	30016359	-55	ENSG00000182255	KCNA4
NR4A2_Medium	chr11	31807110	31807510	Promoter (<=1kb)	11	31801742	31807619	109	ENSG00000007372	PAX6
NR4A2_Medium	chr11	31808582	31808982	Promoter (<=1kb)	11	31790791	31808802	0	ENSG00000007372	PAX6
NR4A2_Medium	chr11	32402034	32402434	Promoter (1-2kb)	11	32389092	32400615	-1419	ENSG00000184937	WT1
NR4A2_Medium	chr11	32640955	32641355	Promoter (5-6kb)	11	32602725	32635832	-5123	ENSG00000186714	CCDC73
NR4A2_Medium	chr11	33079073	33079473	Promoter (2-3kb)	11	33076149	33079454	2924	ENSG00000280798	LINC00294
NR4A2_Medium	chr11	35171139	35171539	Promoter (5-6kb)	11	35176575	35214861	-5036	ENSG0000026508	CD44
NR4A2_Medium	chr11	35657347	35657747	Promoter (5-6kb)	11	35662775	35818007	-5028	ENSG00000166326	TRIM44
NR4A2_Medium	chr11	36010749	36011149	Promoter (<=1kb)	11	36010098	36010204	651	ENSG00000263389	MIR3973
NR4A2_Medium	chr11	36168029	36168429	Promoter (4-5kb)	11	36163299	36227429	4730	ENSG00000179241	LDLRAD3
NR4A2_Medium	chr11	43303164	43303564	Promoter (8-9kb)	11	43311963	43342676	-8399	ENSG00000166181	API5
NR4A2_Medium	chr11	43590234	43590634	Promoter (8-9kb)	11	43581394	43581483	8840	ENSG00000199077	MIR129-2
NR4A2_Medium	chr11	43825352	43825752	Promoter (4-5kb)	11	43830063	43856404	-4311	ENSG00000149084	HSD17B12
NR4A2_Medium	chr11	44051620	44052020	Promoter (3-4kb)	11	44048015	44059950	3605	ENSG00000205126	ACCSL
NR4A2_Medium	chr11	44596119	44596519	Promoter (<=1kb)	11	44596856	44618253	-337	ENSG00000085117	CD82
NR4A2_Medium	chr11	44721119	44721519	Promoter (4-5kb)	11	44726465	44919318	-4946	ENSG00000157570	TSPAN18
NR4A2_Medium	chr11	44943632	44944032	Promoter (<=1kb)	11	44936843	44943191	-441	ENSG00000175274	TP53I11
NR4A2_Medium	chr11	44963513	44963913	Promoter (9-10kb)	11	44973770	44978028	-9857	ENSG00000254654	LINC02685
NR4A2_Medium	chr11	44974606	44975006	Promoter (<=1kb)	11	44974143	44974905	463	ENSG00000254654	LINC02685
NR4A2_Medium	chr11	45730351	45730751	Promoter (6-7kb)	11	45723515	45736285	6836	ENSG00000254519	LOC100507384
NR4A2_Medium	chr11	45859790	45860190	Promoter (<=1kb)	11	45860980	45867940	-790	ENSG00000121671	CRY2
NR4A2_Medium	chr11	46351105	46351505	Promoter (3-4kb)	11	46347588	46380367	3517	ENSG00000149091	DGKZ
NR4A2_Medium	chr11	46637527	46637927	Promoter (6-7kb)	11	46644337	46656398	-6410	ENSG00000175224	ATG13
NR4A2_Medium	chr11	46657673	46658073	Promoter (<=1kb)	11	46657060	46659402	613	ENSG00000175224	ATG13
NR4A2_Medium	chr11	46723577	46723977	Promoter (<=1kb)	11	46723180	46726064	397	ENSG00000180210	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr11	57796079	57796479	Promoter (4-5kb)	11	57791559	57801794	4520	ENSG00000288534	TMX2-CTNND1
NR4A2_Medium	chr11	58567838	58568238	Promoter (7-8kb)	11	58526871	58575836	7598	ENSG00000110031	LPXN
NR4A2_Medium	chr11	58934110	58934510	Promoter (4-5kb)	11	58939448	58947949	-4938	ENSG00000166840	GLYATL1
NR4A2_Medium	chr11	59422140	59422540	Promoter (3-4kb)	11	59416969	59426412	3872	ENSG00000172324	OR5A2
NR4A2_Medium	chr11	59504624	59505024	Promoter (1-2kb)	11	59503576	59504511	1048	ENSG00000176200	OR4D11
NR4A2_Medium	chr11	59605902	59606302	Promoter (5-6kb)	11	59576833	59600856	-5046	ENSG00000110048	OSBP
NR4A2_Medium	chr11	59765012	59765412	Promoter (9-10kb)	11	59755459	59789201	9553	ENSG00000166900	STX3
NR4A2_Medium	chr11	59849409	59849809	Promoter (3-4kb)	11	59842467	59845499	-3910	ENSG00000134812	CBLIF
NR4A2_Medium	chr11	60391588	60391988	Promoter (2-3kb)	11	60389182	60393977	2406	ENSG00000166927	MS4A7
NR4A2_Medium	chr11	60457550	60457950	Promoter (1-2kb)	11	60455859	60465944	1691	ENSG00000156738	MS4A1
NR4A2_Medium	chr11	61491939	61492339	Promoter (2-3kb)	11	61489038	61490927	2901	ENSG00000162148	PPP1R32
NR4A2_Medium	chr11	61496970	61497370	Promoter (7-8kb)	11	61489038	61490927	7932	ENSG00000162148	PPP1R32
NR4A2_Medium	chr11	61774420	61774820	Promoter (2-3kb)	11	61777606	61786417	-2786	ENSG00000124920	MYRF
NR4A2_Medium	chr11	62138378	62138778	Promoter (7-8kb)	11	62130559	62141745	7819	ENSG00000149503	INCENP
NR4A2_Medium	chr11	62383968	62384368	Promoter (7-8kb)	11	62391498	62392585	-7130	ENSG00000162174	ASRGL1
NR4A2_Medium	chr11	62884733	62885133	Promoter (<=1kb)	11	62885177	62888860	-44	ENSG00000168003	SLC3A2
NR4A2_Medium	chr11	63619047	63619447	Promoter (2-3kb)	11	63590339	63616883	-2164	ENSG00000176485	PLAAT3
NR4A2_Medium	chr11	63771789	63772189	Promoter (3-4kb)	11	63759892	63768775	-3014	ENSG00000188070	C11orf95
NR4A2_Medium	chr11	63922375	63922775	Promoter (5-6kb)	11	63911230	63917164	-5211	ENSG00000167771	RCOR2
NR4A2_Medium	chr11	63969178	63969578	Promoter (5-6kb)	11	63974620	63976543	-5042	ENSG00000176340	COX8A
NR4A2_Medium	chr11	63979669	63980069	Promoter (5-6kb)	11	63974620	63988346	5049	ENSG00000167770	OTUB1
NR4A2_Medium	chr11	63980684	63981084	Promoter (4-5kb)	11	63985853	63998411	-4769	ENSG00000167770	OTUB1
NR4A2_Medium	chr11	64133466	64133866	Promoter (6-7kb)	11	63999383	64126934	-6532	ENSG00000133315	MACROD1
NR4A2_Medium	chr11	64633689	64634089	Promoter (3-4kb)	11	64630405	64637445	3356	ENSG00000110076	NRXN2
NR4A2_Medium	chr11	64724924	64725324	Promoter (1-2kb)	11	64606176	64723188	-1736	ENSG00000110076	NRXN2
NR4A2_Medium	chr11	64733194	64733594	Promoter (1-2kb)	11	64726946	64735266	1672	ENSG00000068831	RASGRP2
NR4A2_Medium	chr11	64900802	64901202	Promoter (1-2kb)	11	64902387	64902455	1253	ENSG00000274314	MIR6749
NR4A2_Medium	chr11	64992326	64992726	Promoter (2-3kb)	11	64988784	64990274	-2052	ENSG00000168062	BATF2
NR4A2_Medium	chr11	65040227	65040627	Promoter (<=1kb)	11	65040901	65044799	-274	ENSG00000168061	SAC3D1
NR4A2_Medium	chr11	65489832	65490232	Promoter (7-8kb)	11	65497688	65506431	-7456	ENSG00000251562	MALAT1
NR4A2_Medium	chr11	65643407	65643807	Promoter (1-2kb)	11	65642118	65642553	1289	ENSG00000213445	SIPA1
NR4A2_Medium	chr11	65657012	65657412	Promoter (2-3kb)	11	65655707	65659743	2331	ENSG00000173039	RELA
NR4A2_Medium	chr11	65772161	65772561	Promoter (8-9kb)	11	65773898	65780976	8415	ENSG00000254470	AP5B1
NR4A2_Medium	chr11	65862005	65862405	Promoter (<=1kb)	11	65855358	65862026	0	ENSG00000172757	CFL1
NR4A2_Medium	chr11	65868451	65868851	Promoter (<=1kb)	11	65866825	65868512	0	ENSG00000172638	EFEMP2
NR4A2_Medium	chr11	65882819	65883219	Promoter (2-3kb)	11	65883741	65885572	2353	ENSG00000172500	FIBP
NR4A2_Medium	chr11	66099728	66100128	Promoter (<=1kb)	11	66100763	66216250	-635	ENSG00000175115	PACS1
NR4A2_Medium	chr11	66235140	66235540	Promoter (1-2kb)	11	66233820	66235517	1320	ENSG00000175115	PACS1
NR4A2_Medium	chr11	66277024	66277424	Promoter (<=1kb)	11	66278175	66284206	-751	ENSG00000174871	CNIH2
NR4A2_Medium	chr11	66685409	66685809	Promoter (<=1kb)	11	66685652	66686517	708	ENSG00000173898	SPTBN2
NR4A2_Medium	chr11	66798827	66799227	Promoter (2-3kb)	11	66795897	66804168	2930	ENSG00000173715	C11orf80
NR4A2_Medium	chr11	66877579	66877979	Promoter (5-6kb)	11	66860448	66872039	-5540	ENSG00000173599	PC
NR4A2_Medium	chr11	67347936	67348336	Promoter (4-5kb)	11	67351548	67353078	4742	ENSG00000175482	POLD4
NR4A2_Medium	chr11	67669170	67669570	Promoter (1-2kb)	11	67666157	67667970	-1200	ENSG00000132746	ALDH3B2
NR4A2_Medium	chr11	68000175	68000575	Promoter (<=1kb)	11	67991104	67999194	-981	ENSG00000110057	UNC93B1
NR4A2_Medium	chr11	68042297	68042697	Promoter (<=1kb)	11	68042980	68050895	-283	ENSG00000110719	TCIRG1
NR4A2_Medium	chr11	68319491	68319891	Promoter (6-7kb)	11	68312684	68449272	6807	ENSG00000162337	LRP5
NR4A2_Medium	chr11	68460587	68460987	Promoter (<=1kb)	11	68460731	68537669	0	ENSG00000110075	PPP6R3
NR4A2_Medium	chr11	68675196	68675596	Promoter (8-9kb)	11	68684544	68691175	-8948	ENSG00000069482	GAL
NR4A2_Medium	chr11	68769586	68769986	Promoter (3-4kb)	11	68762627	68773887	3901	ENSG00000110090	CPT1A
NR4A2_Medium	chr11	69009246	69009646	Promoter (2-3kb)	11	69012283	69014066	-2637	ENSG00000256508	MRGPRF-AS1
NR4A2_Medium	chr11	69063813	69064213	Promoter (8-9kb)	11	69055162	69090604	8651	ENSG00000162341	TPCN2
NR4A2_Medium	chr11	69479119	69479519	Promoter (2-3kb)	11	69481662	69493219	-2143	NA	LINC01488
NR4A2_Medium	chr11	69490026	69490426	Promoter (4-5kb)	11	69485611	69494952	4415	NA	LINC01488
NR4A2_Medium	chr11	69809246	69809646	Promoter (7-8kb)	11	69809990	69817550	7904	ENSG00000186895	FGF3
NR4A2_Medium	chr11	70092898	70093298	Promoter (7-8kb)	11	70085422	70189252	7476	ENSG00000131620	ANO1
NR4A2_Medium	chr11	70194941	70195341	Promoter (7-8kb)	11	70203163	70207390	-7822	ENSG00000168040	FADD
NR4A2_Medium	chr11	70500109	70500509	Promoter (2-3kb)	11	70469435	70502859	2350	ENSG00000162105	SHANK2
NR4A2_Medium	chr11	71097012	71097412	Promoter (2-3kb)	11	70952702	71094688	-2324	ENSG00000162105	SHANK2
NR4A2_Medium	chr11	71458969	71459369	Promoter (3-4kb)	11	71455125	71501541	3844	ENSG00000172890	NADSYN1
NR4A2_Medium	chr11	71485023	71485423	Promoter (2-3kb)	11	71482723	71484392	2300	ENSG00000172890	NADSYN1
NR4A2_Medium	chr11	71577496	71577896	Promoter (4-5kb)	11	71581855	71582875	4979	ENSG00000204571	KRTAP5-11
NR4A2_Medium	chr11	71591981	71592381	Promoter (9-10kb)	11	71581855	71582875	-9106	ENSG00000204571	KRTAP5-11
NR4A2_Medium	chr11	71925257	71925657	Promoter (2-3kb)	11	71917717	71928403	2746	ENSG00000254469	LOC100133315
NR4A2_Medium	chr11	71931426	71931826	Promoter (2-3kb)	11	71929082	71997591	2344	ENSG00000137522	RNF121
NR4A2_Medium	chr11	72045825	72046225	Promoter (3-4kb)	11	72019556	72042142	-3683	ENSG00000137497	NUMA1
NR4A2_Medium	chr11	72348720	72349120	Promoter (3-4kb)	11	72302308	72352566	3446	ENSG00000162129	CLPB
NR4A2_Medium	chr11	72650718	72651118	Promoter (7-8kb)	11	72642254	72658121	7003	ENSG00000186642	PDE2A
NR4A2_Medium	chr11	73847597	73847997	Promoter (5-6kb)	11	73842113	73864599	5484	ENSG00000175581	MRPL48
NR4A2_Medium	chr11	74124657	74125057	Promoter (8-9kb)	11	74129174	74133630	8573	ENSG00000168014	C2CD3
NR4A2_Medium	chr11	74310258	74310658	Promoter (<=1kb)	11	74311362	74324705	-704	ENSG00000246211	P4HA3-AS1
NR4A2_Medium	chr11	75318238	75318638	Promoter (6-7kb)	11	75278677	75312155	-6083	ENSG00000137486	ARRB1
NR4A2_Medium	chr11	75438667	75439067	Promoter (<=1kb)	11	75434939	75438848	0	ENSG00000158555	GDPD5
NR4A2_Medium	chr11	75567148	75567548	Promoter (<=1kb)	11	75567782	75572782	-234	ENSG00000149257	SERPINH1
NR4A2_Medium	chr11	75585797	75586197	Promoter (2-3kb)	11	75583196	75594665	2601	ENSG00000255326	LOC105369391
NR4A2_Medium	chr11	76705688	76706088	Promoter (1-2kb)	11	76703274	76704479	-1209	NA	GUCY2EP
NR4A2_Medium	chr11	76710094	76710494	Promoter (5-6kb)	11	76703274	76704479	-5615	NA	GUCY2EP
NR4A2_Medium	chr11	76713468	76713868	Promoter (5-6kb)	11	76694041	76719801	5933	NA	GUCY2EP
NR4A2_Medium	chr11	77184202	77184602	Promoter (<=1kb)	11	77184686	77191187	-84	ENSG00000137474	MYO7A
NR4A2_Medium	chr11	77200250	77200650	Promoter (2-3kb)	11	77203186	77215239	-2536	ENSG00000137474	MYO7A
NR4A2_Medium	chr11	77474789	77475189	Promoter (<=1kb)	11	77392443	77474635	-154	ENSG00000149269	PAK1
NR4A2_Medium	chr11	78199444	78199844	Promoter (<=1kb)	11	78198970	78214707	474	ENSG00000118369	USP35
NR4A2_Medium	chr11	78906928	78907328	Promoter (3-4kb)	11	78889933	78903886	-3042	ENSG00000149256	TENM4
NR4A2_Medium	chr11	78912805	78913205	Promoter (8-9kb)	11	78889933	78903886	-8919	ENSG00000149256	TENM4
NR4A2_Medium	chr11	79079425	79079825	Promoter (3-4kb)	11	79067903	79076393	-3032	ENSG00000149256	TENM4
NR4A2_Medium	chr11	82856646	82857046	Promoter (1-2kb)	11	82853194	82858771	1725	ENSG00000137509	PRCP
NR4A2_Medium	chr11	82922392	82922792	Promoter (<=1kb)	11	82922614	82931956	0	ENSG00000165490	DDIAS
NR4A2_Medium	chr11	82930654	82931054	Promoter (8-9kb)	11	82922614	82931956	8040	ENSG00000165490	DDIAS
NR4A2_Medium	chr11	83287229	83287629	Promoter (<=1kb)	11	83259097	83286407	-822	ENSG00000137500	CCDC90B
NR4A2_Medium	chr11	85856296	85856696	Promoter (<=1kb)	11	85855397	85920021	899	ENSG00000150676	CCDC83
NR4A2_Medium	chr11	85873974	85874374	Promoter (<=1kb)	11	85873231	85919583	743	ENSG00000150676	CCDC83
NR4A2_Medium	chr11	86377626	86378026	Promoter (2-3kb)	11	86374887	86423106	2739	ENSG00000149201	CCDC81
NR4A2_Medium	chr11	86664841	86665241	Promoter (6-7kb)	11	86667739	86671822	6581	ENSG00000151376	ME3
NR4A2_Medium	chr11	86802937	86803337	Promoter (2-3kb)	11	86800544	86932934	2393	ENSG00000150687	PRSS23
NR4A2_Medium	chr11	89579								

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr11	102454286	102454686	Promoter (1-2kb)	11	102452919	102462008	1367	ENSG00000255337	LOC101928424
NR4A2_Medium	chr11	102742289	102742689	Promoter (4-5kb)	11	102746968	102831511	-4279	ENSG00000255282	WTAPP1
NR4A2_Medium	chr11	105517228	105517628	Promoter (1-2kb)	11	105137721	105516002	-1226	ENSG00000255501	CARD18
NR4A2_Medium	chr11	107023650	107024050	Promoter (5-6kb)	11	106674012	107018524	-5126	ENSG00000152402	GUCY1A2
NR4A2_Medium	chr11	107465722	107466122	Promoter (7-8kb)	11	107326345	107457844	-7878	ENSG00000152404	CWF19L2
NR4A2_Medium	chr11	107571349	107571749	Promoter (5-6kb)	11	107502726	107565746	-5603	ENSG00000137760	ALKBH8
NR4A2_Medium	chr11	108132789	108133189	Promoter (<=1kb)	11	108133894	108139164	-705	ENSG00000075239	ACAT1
NR4A2_Medium	chr11	108143004	108143404	Promoter (2-3kb)	11	108146121	108147588	-2717	ENSG00000075239	ACAT1
NR4A2_Medium	chr11	108229088	108229488	Promoter (4-5kb)	11	108224783	108231594	4305	ENSG00000149311	ATM
NR4A2_Medium	chr11	108234156	108234556	Promoter (9-10kb)	11	108224783	108231594	9373	ENSG00000149311	ATM
NR4A2_Medium	chr11	108359671	108360071	Promoter (5-6kb)	11	108353756	108365738	5915	ENSG00000149311	ATM
NR4A2_Medium	chr11	110225344	110225744	Promoter (7-8kb)	11	110185073	110233466	7722	ENSG00000137710	RDX
NR4A2_Medium	chr11	110272225	110272625	Promoter (7-8kb)	11	110258114	110264824	-7401	ENSG00000137710	RDX
NR4A2_Medium	chr11	110710586	110710986	Promoter (1-2kb)	11	110577054	110712050	1064	ENSG00000137727	ARHGAP20
NR4A2_Medium	chr11	111358278	111358678	Promoter (<=1kb)	11	111354537	111359406	728	ENSG00000110777	POU2AF1
NR4A2_Medium	chr11	111502350	111502750	Promoter (7-8kb)	11	111510600	111513888	-7850	ENSG00000286028	LOC728196
NR4A2_Medium	chr11	111726621	111727021	Promoter (7-8kb)	11	111718742	111720674	7879	ENSG00000170145	SIK2
NR4A2_Medium	chr11	111811509	111811909	Promoter (1-2kb)	11	111786284	111809709	-1800	ENSG00000086848	ALG9
NR4A2_Medium	chr11	113840643	113841043	Promoter (7-8kb)	11	113815264	113833552	-7091	ENSG00000048028	USP28
NR4A2_Medium	chr11	114435979	114436379	Promoter (3-4kb)	11	114439386	114450276	-3007	ENSG00000076043	REXO2
NR4A2_Medium	chr11	115178000	115178400	Promoter (<=1kb)	11	115176327	115179111	711	ENSG00000182985	CADM1
NR4A2_Medium	chr11	117139253	117139653	Promoter (4-5kb)	11	117144284	117176874	-4631	ENSG00000168092	PAFAH1B2
NR4A2_Medium	chr11	117146479	117146879	Promoter (2-3kb)	11	117144382	117164122	2097	ENSG00000168092	PAFAH1B2
NR4A2_Medium	chr11	117178850	117179250	Promoter (<=1kb)	11	117178932	117197441	0	ENSG00000149577	SIDT2
NR4A2_Medium	chr11	118133377	118133777	Promoter (8-9kb)	11	118136573	118141864	8087	ENSG00000177098	SCN4B
NR4A2_Medium	chr11	118156968	118157368	Promoter (4-5kb)	11	118136961	118152888	-4080	ENSG00000177098	SCN4B
NR4A2_Medium	chr11	118164581	118164981	Promoter (6-7kb)	11	118168168	118171659	6678	ENSG00000149575	SCN2B
NR4A2_Medium	chr11	118303984	118304384	Promoter (<=1kb)	11	118304545	118316175	-161	ENSG00000198851	CD3E
NR4A2_Medium	chr11	118401728	118402128	Promoter (<=1kb)	11	118401652	118407493	76	ENSG00000167283	ATP5MG
NR4A2_Medium	chr11	118435237	118435637	Promoter (<=1kb)	11	118436490	118523917	-853	ENSG00000118058	KMT2A
NR4A2_Medium	chr11	118511292	118511692	Promoter (1-2kb)	11	118509548	118525576	1744	ENSG00000118058	KMT2A
NR4A2_Medium	chr11	118554476	118554876	Promoter (<=1kb)	11	118545825	118555627	751	ENSG00000118096	IFT46
NR4A2_Medium	chr11	118602141	118602541	Promoter (3-4kb)	11	118606440	118658031	-3899	ENSG00000019144	PHLDB1
NR4A2_Medium	chr11	118651420	118651820	Promoter (<=1kb)	11	118650601	118657490	819	ENSG00000019144	PHLDB1
NR4A2_Medium	chr11	118947650	118948050	Promoter (8-9kb)	11	118956298	118958559	-8248	ENSG00000110375	UPK2
NR4A2_Medium	chr11	118950152	118950552	Promoter (5-6kb)	11	118956298	118958559	-5746	ENSG00000110375	UPK2
NR4A2_Medium	chr11	119180078	119180478	Promoter (2-3kb)	11	119177777	119180198	2301	ENSG00000160703	NLRX1
NR4A2_Medium	chr11	119188523	119188923	Promoter (3-4kb)	11	119185487	119186466	3036	ENSG00000172367	PDZD3
NR4A2_Medium	chr11	119382407	119382807	Promoter (<=1kb)	11	119381854	119510426	553	NA	USP2-AS1
NR4A2_Medium	chr11	119720840	119721240	Promoter (7-8kb)	11	119638098	119728553	7313	ENSG00000110400	NECTIN1
NR4A2_Medium	chr11	119736294	119736694	Promoter (6-7kb)	11	119729583	119739623	6711	ENSG00000254854	LOC102724301
NR4A2_Medium	chr11	120384596	120384996	Promoter (<=1kb)	11	120385294	120489034	-298	ENSG00000196914	ARHGEF12
NR4A2_Medium	chr11	121619913	121620313	Promoter (5-6kb)	11	121614286	121622269	5627	ENSG00000137642	SORL1
NR4A2_Medium	chr11	122883798	122884198	Promoter (1-2kb)	11	122882683	122905892	1115	ENSG00000109944	JHY
NR4A2_Medium	chr11	123350622	123351022	Promoter (7-8kb)	11	123358428	123627767	-7406	ENSG00000023171	GRAMD1B
NR4A2_Medium	chr11	123464329	123464729	Promoter (9-10kb)	11	123454658	123600547	9671	ENSG00000023171	GRAMD1B
NR4A2_Medium	chr11	123583070	123583562	Promoter (7-8kb)	11	123591087	123627774	-7525	ENSG00000023171	GRAMD1B
NR4A2_Medium	chr11	123946981	123947381	Promoter (3-4kb)	11	123942785	123943873	-3108	ENSG00000181499	OR6T1
NR4A2_Medium	chr11	124176051	124176451	Promoter (8-9kb)	11	124185216	124186245	-8765	ENSG00000197309	OR10D3
NR4A2_Medium	chr11	124424738	124425138	Promoter (<=1kb)	11	124423904	124424893	0	ENSG00000280090	OR8B4
NR4A2_Medium	chr11	124435625	124436025	Promoter (5-6kb)	11	124440126	124441158	5133	ENSG00000197125	OR8B8
NR4A2_Medium	chr11	124576009	124576409	Promoter (6-7kb)	11	124569997	124571374	6012	ENSG00000196119	OR8A1
NR4A2_Medium	chr11	124684074	124684474	Promoter (7-8kb)	11	124636847	124676303	-7771	ENSG00000110013	SIAE
NR4A2_Medium	chr11	125904895	125905295	Promoter (<=1kb)	11	125904669	125910394	226	ENSG00000109832	DDX25
NR4A2_Medium	chr11	126271942	126272342	Promoter (<=1kb)	11	126273034	126274089	-692	ENSG00000110074	FOXRED1
NR4A2_Medium	chr11	128752096	128752496	Promoter (5-6kb)	11	128758106	128768516	-5610	ENSG00000151702	FLI1
NR4A2_Medium	chr11	129031540	129031940	Promoter (7-8kb)	11	128967947	129024193	-7347	ENSG00000134909	ARHGAP32
NR4A2_Medium	chr11	129810966	129811366	Promoter (4-5kb)	11	129815848	129860003	-4482	ENSG00000151715	TMEM45B
NR4A2_Medium	chr11	129943446	129943846	Promoter (<=1kb)	11	129902340	129942590	-856	ENSG00000170325	PRDM10
NR4A2_Medium	chr11	129954813	129955213	Promoter (7-8kb)	11	129899717	129947622	-7191	ENSG00000170325	PRDM10
NR4A2_Medium	chr11	130102503	130102903	Promoter (5-6kb)	11	130108605	130109602	-5702	ENSG00000084234	APLP2
NR4A2_Medium	chr11	130308813	130309213	Promoter (5-6kb)	11	130226677	130314612	5399	ENSG00000196323	ZBTB44
NR4A2_Medium	chr11	130451153	130451553	Promoter (2-3kb)	11	130448974	130476641	2179	ENSG00000166106	ADAMTS15
NR4A2_Medium	chr11	130899807	130900207	Promoter (5-6kb)	11	130879713	130905999	5792	ENSG00000120451	SNX19
NR4A2_Medium	chr11	133531415	133531815	Promoter (<=1kb)	11	132419860	133532402	587	ENSG00000183715	OPCML
NR4A2_Medium	chr11	134065382	134065782	Promoter (3-4kb)	11	134069071	134144826	-3289	ENSG00000166086	JAM3
NR4A2_Medium	chr11	134152227	134152627	Promoter (1-2kb)	11	134150119	134154049	1422	ENSG00000151503	NCAPD3
NR4A2_Medium	chr11	134230894	134231294	Promoter (3-4kb)	11	134234962	134243196	-3668	ENSG00000151502	VPS26B
NR4A2_Medium	chr11	134308003	134308579	Promoter (<=1kb)	11	134307192	134319284	811	ENSG00000166105	GLB1L3
NR4A2_Medium	chr11	134322906	134323306	Promoter (8-9kb)	11	134331874	134376321	-8568	ENSG00000149328	GLB1L2
NR4A2_Medium	chr11	134406877	134407277	Promoter (2-3kb)	11	134383999	134409881	2604	ENSG00000109956	B3GAT1
NR4A2_Medium	chr11	134442355	134442755	Promoter (5-6kb)	11	134436735	134505173	5620	ENSG00000255545	B3GAT1-DT
NR4A2_Medium	chr11	134480967	134481367	Promoter (1-2kb)	11	134479299	134505661	1668	ENSG00000255545	B3GAT1-DT
NR4A2_Medium	chr11	134486236	134486636	Promoter (6-7kb)	11	134479299	134505661	6937	ENSG00000255545	B3GAT1-DT
NR4A2_Medium	chr11	134977343	134977743	Promoter (7-8kb)	11	134985683	134986799	-7940	NA	LOC100507548
NR4A2_Medium	chr12	59087	59487	Promoter (7-8kb)	12	66767	178455	-7280	ENSG00000120645	IQSEC3
NR4A2_Medium	chr12	609207	609607	Promoter (<=1kb)	12	564376	610418	811	ENSG00000171840	NINJ2
NR4A2_Medium	chr12	626077	626477	Promoter (4-5kb)	12	630858	645380	-4381	ENSG00000177406	NINJ2-AS1
NR4A2_Medium	chr12	879010	879410	Promoter (<=1kb)	12	878015	881971	995	ENSG00000060237	WNK1
NR4A2_Medium	chr12	1614920	1615320	Promoter (1-2kb)	12	1616660	1631323	-1340	ENSG00000111186	WNT5B
NR4A2_Medium	chr12	2794461	2794861	Promoter (<=1kb)	12	2794970	2805423	-109	ENSG00000004478	FKBP4
NR4A2_Medium	chr12	2807881	2808281	Promoter (4-5kb)	12	2805134	2812381	4100	ENSG00000256150	ITFG2-AS1
NR4A2_Medium	chr12	3019948	3020348	Promoter (8-9kb)	12	3011044	3021920	8904	ENSG00000197905	TEAD4
NR4A2_Medium	chr12	3677698	3678098	Promoter (4-5kb)	12	3606633	3673524	-4174	ENSG00000130038	CRACR2A
NR4A2_Medium	chr12	4724646	4725046	Promoter (4-5kb)	12	4720400	4772726	4246	ENSG00000130035	GALNT8
NR4A2_Medium	chr12	5615628	5616028	Promoter (<=1kb)	12	5608729	5615295	-333	ENSG00000047617	ANO2
NR4A2_Medium	chr12	6230448	6230848	Promoter (1-2kb)	12	6232186	6236262	-1338	ENSG00000010278	CD9
NR4A2_Medium	chr12	6597762	6598162	Promoter (1-2kb)	12	6570319	6596030	-1732	ENSG00000111642	CHD4
NR4A2_Medium	chr12	6621919	6622319	Promoter (9-10kb)	12	6618835	6631649	9330	ENSG00000184574	LPAR5
NR4A2_Medium	chr12	6741108	6741508	Promoter (8-9kb)	12	6748721	6750318	8810	ENSG00000089693	MLF2
NR4A2_Medium	chr12	6795028	6795428	Promoter (5-6kb)	12	6789568	6800393	5460	ENSG00000010610	CD4
NR4A2_Medium	chr12	7470009	7470409	Promoter (1-2kb)	12	7471171	7471936	1527	ENSG00000177575	CD163
NR4A2_Medium										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr12	13052561	13052961	Promoter (8-9kb)	12	13044381	13083449	8180	ENSG00000084444	FAM234B
NR4A2_Medium	chr12	13387693	13388093	Promoter (<=1kb)	12	13376229	13387167	-526	ENSG00000180861	LINC01559
NR4A2_Medium	chr12	14700020	14700420	Promoter (3-4kb)	12	14612632	14696599	-3421	ENSG00000070019	GUCY2C
NR4A2_Medium	chr12	15156637	15157037	Promoter (4-5kb)	12	15151923	15155283	4714	ENSG00000255660	RERG-AS1
NR4A2_Medium	chr12	15350383	15350783	Promoter (1-2kb)	12	15121065	15348598	-1785	ENSG00000134533	RERG
NR4A2_Medium	chr12	15735244	15735644	Promoter (6-7kb)	12	15669519	15728265	-6979	ENSG00000151491	EPS8
NR4A2_Medium	chr12	18691744	18692144	Promoter (2-3kb)	12	18683182	18695037	2893	ENSG00000139151	PLCZ1
NR4A2_Medium	chr12	21128462	21128862	Promoter (2-3kb)	12	21131194	21239796	-2332	ENSG00000134538	SLCO1B1
NR4A2_Medium	chr12	21365805	21366205	Promoter (6-7kb)	12	21372902	21379980	-6697	ENSG00000121351	IAPP
NR4A2_Medium	chr12	21467397	21467797	Promoter (<=1kb)	12	21467290	21468826	107	ENSG00000121350	PYROXD1
NR4A2_Medium	chr12	21491444	21491844	Promoter (9-10kb)	12	21469802	21501551	9707	ENSG00000004700	RECQL
NR4A2_Medium	chr12	21630384	21630784	Promoter (4-5kb)	12	21556914	21635644	4860	ENSG0000011713	GYS2
NR4A2_Medium	chr12	22058147	22058547	Promoter (2-3kb)	12	22060642	22062413	-2095	ENSG0000011726	CMAS
NR4A2_Medium	chr12	25162309	25162709	Promoter (3-4kb)	12	25108420	25158563	-3746	ENSG00000118307	CFAP94
NR4A2_Medium	chr12	25163343	25163743	Promoter (4-5kb)	12	25108420	25158563	-4780	ENSG00000118307	CFAP94
NR4A2_Medium	chr12	25205550	25205950	Promoter (9-10kb)	12	25195553	25204147	9997	ENSG00000205707	ETFRF1
NR4A2_Medium	chr12	25543345	25543745	Promoter (9-10kb)	12	25476082	25553244	9499	ENSG00000152936	LMNTD1
NR4A2_Medium	chr12	26896807	26897207	Promoter (9-10kb)	12	26905185	26906484	9277	ENSG00000064102	INTS13
NR4A2_Medium	chr12	27025020	27025420	Promoter (2-3kb)	12	27022577	27066240	2443	ENSG00000152944	MED21
NR4A2_Medium	chr12	29371799	29372199	Promoter (<=1kb)	12	29337356	29371661	-138	ENSG00000087502	ERGIC2
NR4A2_Medium	chr12	29634745	29635145	Promoter (6-7kb)	12	29505982	29641238	6093	ENSG00000133687	TMTC1
NR4A2_Medium	chr12	31420733	31421133	Promoter (5-6kb)	12	31424569	31426751	5618	ENSG00000170456	DENND5B
NR4A2_Medium	chr12	31580674	31581074	Promoter (8-9kb)	12	31589923	31615351	-8849	ENSG00000255867	DENND5B-AS1
NR4A2_Medium	chr12	31650370	31650770	Promoter (3-4kb)	12	31647160	31668075	3210	ENSG00000139160	ETFBKMT
NR4A2_Medium	chr12	32730892	32731292	Promoter (<=1kb)	12	32731469	32738151	-177	ENSG00000087470	DNM1L
NR4A2_Medium	chr12	34027646	34028046	Promoter (5-6kb)	12	34022496	34028302	5150	ENSG00000139133	ALG10
NR4A2_Medium	chr12	39434825	39435225	Promoter (7-8kb)	12	39293229	39442943	7718	ENSG00000139116	KIF21A
NR4A2_Medium	chr12	42486262	42486662	Promoter (1-2kb)	12	42456763	42484444	-1818	ENSG00000139174	PRICKLE1
NR4A2_Medium	chr12	43748914	43749314	Promoter (9-10kb)	12	43728607	43758758	9444	ENSG00000129317	PUS7L
NR4A2_Medium	chr12	44067909	44068309	Promoter (5-6kb)	12	44073512	44376724	-5203	ENSG00000139173	TMEM117
NR4A2_Medium	chr12	47078338	47078738	Promoter (<=1kb)	12	47079603	47236662	-865	ENSG00000179715	PCED1B
NR4A2_Medium	chr12	47374097	47374497	Promoter (3-4kb)	12	47377638	47420179	-3141	NA	LINC02156
NR4A2_Medium	chr12	47701543	47701943	Promoter (<=1kb)	12	47700015	47702816	873	ENSG00000005175	RPAP3
NR4A2_Medium	chr12	48010688	48011088	Promoter (6-7kb)	12	47999697	48004554	-6134	ENSG00000139219	COL2A1
NR4A2_Medium	chr12	48184968	48185368	Promoter (1-2kb)	12	48183644	48185926	1324	ENSG00000177875	CCDC184
NR4A2_Medium	chr12	48502765	48503165	Promoter (9-10kb)	12	48492894	48496386	9871	ENSG00000177627	C12orf54
NR4A2_Medium	chr12	48995215	48995615	Promoter (2-3kb)	12	48998367	49019235	-2752	ENSG00000257913	DDN-AS1
NR4A2_Medium	chr12	49316900	49317300	Promoter (5-6kb)	12	49323236	49324296	-5936	ENSG00000135451	TROAP
NR4A2_Medium	chr12	49383389	49383789	Promoter (5-6kb)	12	49389516	49390162	-5727	NA	LOC100335030
NR4A2_Medium	chr12	49528935	49529335	Promoter (6-7kb)	12	49522749	49526198	6186	ENSG00000123352	SPATS2
NR4A2_Medium	chr12	49598954	49599354	Promoter (<=1kb)	12	49582885	49598789	-165	ENSG00000135436	FAM186B
NR4A2_Medium	chr12	49798987	49799387	Promoter (1-2kb)	12	49791146	49797002	-1985	ENSG00000167566	NCKAP5L
NR4A2_Medium	chr12	49921303	49921703	Promoter (2-3kb)	12	49923936	49930325	-2233	ENSG00000257771	LINC02395
NR4A2_Medium	chr12	50141724	50142124	Promoter (<=1kb)	12	50134573	50142093	0	ENSG00000139624	CERS5
NR4A2_Medium	chr12	50161822	50162222	Promoter (5-6kb)	12	50135519	50167300	5078	ENSG00000139624	CERS5
NR4A2_Medium	chr12	50343532	50343932	Promoter (6-7kb)	12	50326230	50350885	6953	ENSG00000185958	FAM186A
NR4A2_Medium	chr12	50347696	50348096	Promoter (2-3kb)	12	50326230	50350885	2789	ENSG00000185958	FAM186A
NR4A2_Medium	chr12	50431707	50432107	Promoter (8-9kb)	12	50440439	50476456	-8332	ENSG00000161813	LARP4
NR4A2_Medium	chr12	50680168	50680568	Promoter (5-6kb)	12	50685848	50686892	-5280	ENSG00000066084	DIP2B
NR4A2_Medium	chr12	50914894	50915294	Promoter (8-9kb)	12	50923472	50932510	-8178	ENSG00000185432	METTL7A
NR4A2_Medium	chr12	51058525	51058925	Promoter (2-3kb)	12	51056371	51059649	2154	ENSG00000050426	LETMD1
NR4A2_Medium	chr12	51328870	51329270	Promoter (4-5kb)	12	51281282	51324668	-4202	ENSG00000110934	BIN2
NR4A2_Medium	chr12	51362316	51362716	Promoter (2-3kb)	12	51353769	51360226	-2090	ENSG00000139629	GALNT6
NR4A2_Medium	chr12	52223240	52223640	Promoter (1-2kb)	12	52221339	52223749	1901	ENSG00000258279	LINC00592
NR4A2_Medium	chr12	52233869	52234269	Promoter (<=1kb)	12	52233592	52241508	277	ENSG00000135480	KRT7
NR4A2_Medium	chr12	52313204	52313604	Promoter (7-8kb)	12	52314301	52321398	7794	ENSG00000170523	KRT83
NR4A2_Medium	chr12	52408786	52409186	Promoter (2-3kb)	12	52393931	52406355	-2431	ENSG00000161850	KRT82
NR4A2_Medium	chr12	53174016	53174416	Promoter (<=1kb)	12	53173269	53173944	-72	ENSG00000139631	CSAD
NR4A2_Medium	chr12	53210371	53210771	Promoter (3-4kb)	12	53191323	53207282	-3089	ENSG00000139626	ITGB7
NR4A2_Medium	chr12	53223182	53223582	Promoter (2-3kb)	12	53211393	53220413	-2769	ENSG00000172819	RARG
NR4A2_Medium	chr12	53272725	53273125	Promoter (<=1kb)	12	53274081	53274952	-956	ENSG00000135476	ESPL1
NR4A2_Medium	chr12	53476820	53477220	Promoter (5-6kb)	12	53481122	53482587	5367	ENSG00000139625	MAP3K12
NR4A2_Medium	chr12	54297390	54297790	Promoter (<=1kb)	12	54292465	54297884	94	ENSG00000123405	NFE2
NR4A2_Medium	chr12	54422768	54423168	Promoter (2-3kb)	12	54419785	54437104	2983	ENSG00000258137	LOC102724050
NR4A2_Medium	chr12	54585053	54585453	Promoter (<=1kb)	12	54580112	54584316	-737	ENSG00000135447	PPP1R1A
NR4A2_Medium	chr12	55370183	55370583	Promoter (5-6kb)	12	55365111	55366049	5072	ENSG00000187857	OR6C75
NR4A2_Medium	chr12	55697349	55697749	Promoter (<=1kb)	12	55697752	55698162	413	ENSG00000135424	ITGA7
NR4A2_Medium	chr12	55765162	55765562	Promoter (4-5kb)	12	55757271	55760785	-4377	ENSG00000205323	SARNP
NR4A2_Medium	chr12	56034625	56035025	Promoter (2-3kb)	12	56032280	56034600	2345	ENSG00000123411	IKZF4
NR4A2_Medium	chr12	56259342	56259742	Promoter (<=1kb)	12	56237807	56258384	-958	ENSG00000139645	ANKRD52
NR4A2_Medium	chr12	56725973	56726373	Promoter (<=1kb)	12	56712428	56725542	-431	ENSG00000196531	NACA
NR4A2_Medium	chr12	56794877	56795277	Promoter (8-9kb)	12	56785929	56787345	8948	ENSG00000025423	HSD17B6
NR4A2_Medium	chr12	57191722	57192122	Promoter (2-3kb)	12	57194504	57194576	-2382	ENSG00000221365	MIR1228
NR4A2_Medium	chr12	57286552	57286952	Promoter (8-9kb)	12	57254733	57295479	8527	ENSG00000179912	R3HDM2
NR4A2_Medium	chr12	57344298	57344698	Promoter (2-3kb)	12	57254756	57341482	-2816	ENSG00000179912	R3HDM2
NR4A2_Medium	chr12	57814954	57815354	Promoter (<=1kb)	12	57797740	57816058	704	ENSG00000135407	AVIL
NR4A2_Medium	chr12	57927911	57928311	Promoter (7-8kb)	12	57931569	57936059	7748	ENSG00000257698	GIHCG
NR4A2_Medium	chr12	58922633	58923033	Promoter (2-3kb)	12	58872149	58920522	-2111	ENSG00000139263	LRIG3
NR4A2_Medium	chr12	62579045	62579445	Promoter (<=1kb)	12	62578454	62585745	591	ENSG00000061987	MON2
NR4A2_Medium	chr12	64407196	64407596	Promoter (2-3kb)	12	64409657	64420185	-2061	ENSG00000184575	XPOT
NR4A2_Medium	chr12	64489140	64489540	Promoter (4-5kb)	12	64484407	64488586	4733	ENSG00000183735	TBK1
NR4A2_Medium	chr12	64509402	64509802	Promoter (2-3kb)	12	64507001	64694912	2401	ENSG00000153179	RASSF3
NR4A2_Medium	chr12	64817732	64818132	Promoter (6-7kb)	12	64824647	64881033	-6515	ENSG00000111490	TBC1D30
NR4A2_Medium	chr12	65120983	65121383	Promoter (<=1kb)	12	65050626	65121305	0	ENSG00000156076	WIF1
NR4A2_Medium	chr12	65554948	65555348	Promoter (1-2kb)	12	65544238	65557311	1963	ENSG00000250748	LOC105369187
NR4A2_Medium	chr12	65611430	65611830	Promoter (1-2kb)	12	65608471	65613229	1399	NA	LOC100507065
NR4A2_Medium	chr12	65882897	65883297	Promoter (<=1kb)	12	65851340	65882167	-730	ENSG00000197301	HMG2-AS1
NR4A2_Medium	chr12	66396801	66397201	Promoter (4-5kb)	12	66371864	66392532	-4269	ENSG00000155974	GRIP1
NR4A2_Medium	chr12	66565057	66565457	Promoter (5-6kb)	12	66371819	66571058	5601	ENSG00000155974	GRIP1
NR4A2_Medium	chr12	68252194	68252594	Promoter (<=1kb)	12	68248789	68253502	908	ENSG00000127318	IL22
NR4A2_Medium	chr12	68296289	68296689	Promoter (6-7kb)	12	68294815	68302872	6183	ENSG00000111554	MDM1
NR4A2_Medium	chr12	69367074	69367474	Promoter (7-8kb)	12	69359779	69370971	7295	ENSG00000127337	YEATS4
NR4A2_Medium	chr12	69617475	69617875	Promoter (6-7kb)	12	69608564	69610907	-6568	ENSG00000198812	LRRIC10
NR4A2_Medium	chr12	69692924	69693324	Promoter (<=1kb)	12	69671573	69694072	748	ENSG00000127325	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr12	78359860	78360260	Promoter (<=1kb)	12	78326680	78359746	-114	ENSG00000258220	LINC02424
NR4A2_Medium	chr12	79785129	79785529	Promoter (1-2kb)	12	79775918	79786914	1385	ENSG00000058272	PPP1R12A
NR4A2_Medium	chr12	79873096	79873496	Promoter (<=1kb)	12	79828371	79872872	-224	ENSG00000058272	PPP1R12A
NR4A2_Medium	chr12	79930317	79930717	Promoter (3-4kb)	12	79821112	79934715	3998	ENSG00000058272	PPP1R12A
NR4A2_Medium	chr12	80824007	80824407	Promoter (8-9kb)	12	80832533	80832629	8222	ENSG00000207763	MIR617
NR4A2_Medium	chr12	89356454	89356854	Promoter (3-4kb)	12	89347235	89352501	-3953	ENSG00000139318	DUSP6
NR4A2_Medium	chr12	90998777	90999177	Promoter (3-4kb)	12	90972556	91002469	3292	ENSG00000083782	EPYC
NR4A2_Medium	chr12	91058998	91059398	Promoter (1-2kb)	12	91050491	91057983	-1015	ENSG00000139330	KERA
NR4A2_Medium	chr12	93169399	93169799	Promoter (3-4kb)	12	93173470	93180254	-3671	NA	LINC02412
NR4A2_Medium	chr12	93447568	93447968	Promoter (5-6kb)	12	93405684	93441947	-5621	ENSG00000177889	UBE2N
NR4A2_Medium	chr12	93935984	93936384	Promoter (7-8kb)	12	93894965	93943603	7219	ENSG00000257283	LOC105369911
NR4A2_Medium	chr12	94264178	94264578	Promoter (<=1kb)	12	94265131	94279986	-553	ENSG00000136040	PLXNC1
NR4A2_Medium	chr12	95288857	95289257	Promoter (5-6kb)	12	95294272	95300562	-5015	ENSG00000028203	VEZT
NR4A2_Medium	chr12	95668804	95669204	Promoter (2-3kb)	12	95663397	95665859	-2945	ENSG00000074527	NTN4
NR4A2_Medium	chr12	95976900	95977300	Promoter (3-4kb)	12	95976103	95980668	3368	ENSG00000084110	HAL
NR4A2_Medium	chr12	98520036	98520436	Promoter (3-4kb)	12	98512973	98516422	-3614	ENSG00000257167	TMPO-AS1
NR4A2_Medium	chr12	98600123	98600523	Promoter (<=1kb)	12	98599858	98601708	265	ENSG00000075415	SLC25A3
NR4A2_Medium	chr12	98650355	98650755	Promoter (1-2kb)	12	98648360	98732566	1995	ENSG00000120868	APAF1
NR4A2_Medium	chr12	100415953	100416353	Promoter (5-6kb)	12	100410621	100420089	5332	ENSG00000179520	SLC17A8
NR4A2_Medium	chr12	100613207	100613607	Promoter (1-2kb)	12	100612101	100618687	1106	ENSG00000139354	GAS2L3
NR4A2_Medium	chr12	101040433	101040833	Promoter (1-2kb)	12	101042380	101086813	-1547	ENSG00000151572	AN04
NR4A2_Medium	chr12	101870940	101871340	Promoter (6-7kb)	12	101877580	101923612	-6240	ENSG00000136048	DRAM1
NR4A2_Medium	chr12	102042807	102043207	Promoter (2-3kb)	12	102012946	102040434	-2373	ENSG00000120860	WASHC3
NR4A2_Medium	chr12	103943752	103944152	Promoter (<=1kb)	12	103943796	103953645	0	ENSG00000166598	HSP90B1
NR4A2_Medium	chr12	104252385	104252785	Promoter (<=1kb)	12	104251546	104284406	839	ENSG00000198431	TXNRD1
NR4A2_Medium	chr12	105735563	105735963	Promoter (<=1kb)	12	105736742	105743998	-779	ENSG00000257859	CASC18
NR4A2_Medium	chr12	107578112	107578512	Promoter (2-3kb)	12	107580650	107659642	-2138	ENSG00000151136	BTBD11
NR4A2_Medium	chr12	108472220	108472620	Promoter (1-2kb)	12	108459425	108473689	1069	ENSG00000247213	LINC01498
NR4A2_Medium	chr12	108690537	108690937	Promoter (5-6kb)	12	108647380	108696402	5465	ENSG00000110880	CORO1C
NR4A2_Medium	chr12	109065576	109065976	Promoter (1-2kb)	12	109067594	109081628	-1618	ENSG00000135093	USP30
NR4A2_Medium	chr12	109119229	109119629	Promoter (2-3kb)	12	109116595	109268226	2634	ENSG00000076555	ACACB
NR4A2_Medium	chr12	109132027	109132427	Promoter (<=1kb)	12	109131358	109139910	669	ENSG00000076555	ACACB
NR4A2_Medium	chr12	109161676	109162076	Promoter (6-7kb)	12	109154682	109172311	6994	ENSG00000076555	ACACB
NR4A2_Medium	chr12	109279446	109279846	Promoter (6-7kb)	12	109277979	109286723	6877	ENSG00000139445	FOXN4
NR4A2_Medium	chr12	109309220	109309620	Promoter (<=1kb)	12	109277978	109309284	0	ENSG00000139445	FOXN4
NR4A2_Medium	chr12	109712059	109712459	Promoter (1-2kb)	12	109714228	109770507	-1769	ENSG00000139438	FAM222A
NR4A2_Medium	chr12	109934498	109934898	Promoter (4-5kb)	12	109933038	109938977	4079	ENSG00000139436	GIT2
NR4A2_Medium	chr12	110475668	110476068	Promoter (6-7kb)	12	110468280	110469268	-6400	ENSG00000111231	GPN3
NR4A2_Medium	chr12	110678148	110678548	Promoter (4-5kb)	12	110648686	110683267	4719	ENSG00000122986	HVCN1
NR4A2_Medium	chr12	111680992	111681392	Promoter (4-5kb)	12	111644082	111685720	4328	ENSG00000089234	BRAP
NR4A2_Medium	chr12	111903191	111903591	Promoter (3-4kb)	12	111899263	111901391	3928	NA	ADAM1A
NR4A2_Medium	chr12	112386968	112387368	Promoter (4-5kb)	12	112160190	112382439	-4529	ENSG00000173064	HECTD4
NR4A2_Medium	chr12	112574570	112574970	Promoter (<=1kb)	12	112575027	112865465	-57	ENSG00000089169	RPH3A
NR4A2_Medium	chr12	112793808	112794208	Promoter (1-2kb)	12	112792247	112866799	1561	ENSG00000089169	RPH3A
NR4A2_Medium	chr12	112798679	112799079	Promoter (6-7kb)	12	112792247	112866799	6432	ENSG00000089169	RPH3A
NR4A2_Medium	chr12	113291748	113292148	Promoter (<=1kb)	12	113291523	113291608	225	ENSG00000274822	MIR6762
NR4A2_Medium	chr12	113314979	113315379	Promoter (3-4kb)	12	113298773	113319325	3946	ENSG00000089060	SLC8B1
NR4A2_Medium	chr12	113476715	113477115	Promoter (4-5kb)	12	113472003	113480624	4712	NA	LHX5-AS1
NR4A2_Medium	chr12	113923788	113924188	Promoter (3-4kb)	12	113914969	113927431	3243	ENSG00000122965	RBM19
NR4A2_Medium	chr12	117558907	117559307	Promoter (3-4kb)	12	117539472	117555229	-3678	ENSG00000171435	KSR2
NR4A2_Medium	chr12	117677744	117678144	Promoter (<=1kb)	12	117517706	117677251	-493	ENSG00000171435	KSR2
NR4A2_Medium	chr12	117969466	117969866	Promoter (<=1kb)	12	117453012	117968990	-476	ENSG00000171435	KSR2
NR4A2_Medium	chr12	118082921	118083321	Promoter (<=1kb)	12	118079454	118082278	-643	ENSG00000176834	VSIG10
NR4A2_Medium	chr12	118841017	118841417	Promoter (7-8kb)	12	118818804	118833536	-7481	ENSG00000255814	LINC02439
NR4A2_Medium	chr12	119127474	119127874	Promoter (2-3kb)	12	119130678	119151220	-2804	ENSG00000139767	SRRM4
NR4A2_Medium	chr12	120378343	120378743	Promoter (9-10kb)	12	120341330	120369164	-9179	ENSG00000135097	MS1
NR4A2_Medium	chr12	120550459	120550859	Promoter (3-4kb)	12	120554350	120557368	-3491	ENSG00000022840	RNF10
NR4A2_Medium	chr12	121308521	121308921	Promoter (1-2kb)	12	121308245	121310394	1473	ENSG00000089053	ANAPC5
NR4A2_Medium	chr12	121502656	121503056	Promoter (6-7kb)	12	121429509	121509706	6650	ENSG00000089094	KDM2B
NR4A2_Medium	chr12	121553714	121554114	Promoter (4-5kb)	12	121429509	121549639	-4075	ENSG00000089094	KDM2B
NR4A2_Medium	chr12	121667521	121667921	Promoter (1-2kb)	12	121651392	121669650	1729	ENSG00000139714	MORN3
NR4A2_Medium	chr12	121868327	121868727	Promoter (4-5kb)	12	121839530	121863596	-4731	ENSG00000158104	HPD
NR4A2_Medium	chr12	121965107	121965507	Promoter (3-4kb)	12	121961994	121969966	3113	ENSG00000158023	CFAP251
NR4A2_Medium	chr12	122159102	122159502	Promoter (8-9kb)	12	122167738	122191474	-8236	ENSG00000158113	LRRC43
NR4A2_Medium	chr12	122221645	122222045	Promoter (<=1kb)	12	122207842	122222556	511	ENSG00000184047	DIABLO
NR4A2_Medium	chr12	122352548	122352948	Promoter (3-4kb)	12	122341088	122356160	3212	ENSG00000130779	CLIP1
NR4A2_Medium	chr12	122610744	122611144	Promoter (<=1kb)	12	122610861	122613669	0	ENSG00000184445	KNTC1
NR4A2_Medium	chr12	122977757	122978157	Promoter (<=1kb)	12	122977425	122979265	332	ENSG00000111325	OGFOD2
NR4A2_Medium	chr12	123088878	123089278	Promoter (6-7kb)	12	123082790	123084129	6088	ENSG00000251497	PITPNM2-AS1
NR4A2_Medium	chr12	123115960	123116360	Promoter (5-6kb)	12	122983480	123110495	-5465	ENSG00000090975	PITPNM2
NR4A2_Medium	chr12	123368630	123369030	Promoter (3-4kb)	12	123364953	123366113	3677	NA	SBNO1-AS1
NR4A2_Medium	chr12	123511752	123512152	Promoter (2-3kb)	12	123472068	123514428	2276	ENSG00000188026	RILPL1
NR4A2_Medium	chr12	123581226	123581626	Promoter (2-3kb)	12	123584533	123590446	-2907	ENSG00000086598	TMED2
NR4A2_Medium	chr12	123596049	123596449	Promoter (5-6kb)	12	123602077	123619716	-5628	ENSG00000111364	DDX55
NR4A2_Medium	chr12	123654247	123654647	Promoter (4-5kb)	12	123659363	123660628	-4716	ENSG00000111358	GTF2H3
NR4A2_Medium	chr12	123675874	123676274	Promoter (4-5kb)	12	123671113	123708399	4761	ENSG00000168778	TCTN2
NR4A2_Medium	chr12	124943569	124943969	Promoter (4-5kb)	12	124947601	124948615	4646	ENSG00000150990	DHX37
NR4A2_Medium	chr12	124971643	124972043	Promoter (4-5kb)	12	124964393	124967005	-4638	ENSG00000150990	DHX37
NR4A2_Medium	chr12	125119638	125120038	Promoter (<=1kb)	12	125119858	125143333	0	ENSG00000081760	AACS
NR4A2_Medium	chr12	125329254	125329654	Promoter (2-3kb)	12	125326616	125662371	2638	ENSG00000139364	TMEM132B
NR4A2_Medium	chr12	126971530	126971930	Promoter (1-2kb)	12	126915293	126973789	1859	ENSG00000249345	LINC02405
NR4A2_Medium	chr12	128864602	128865002	Promoter (<=1kb)	12	128864136	128983739	466	ENSG00000151948	GLT1D1
NR4A2_Medium	chr12	129910070	129910470	Promoter (6-7kb)	12	129071726	129904025	-6045	ENSG00000151952	TMEM132D
NR4A2_Medium	chr12	130051834	130052234	Promoter (6-7kb)	12	130033454	130045057	-6777	ENSG00000214039	LINC02418
NR4A2_Medium	chr12	130055017	130055417	Promoter (9-10kb)	12	130033454	130045057	-9960	ENSG00000214039	LINC02418
NR4A2_Medium	chr12	130641149	130641549	Promoter (7-8kb)	12	130456496	130633861	-7288	ENSG00000060709	RIMBP2
NR4A2_Medium	chr12	130848863	130849263	Promoter (9-10kb)	12	130789600	130839266	-9597	ENSG00000111450	STX2
NR4A2_Medium	chr12	130993576	130993976	Promoter (<=1kb)	12	130990138	130993976	0	NA	ADGRD1-AS1
NR4A2_Medium	chr12	131204005	131204405	Promoter (2-3kb)	12	131207154	131217648	-2749	ENSG00000204603	LINC01257
NR4A2_Medium	chr12	132496491	132496891	Promoter (6-7kb)	12	132489551	132585188	6940	ENSG00000112787	FBRS1
NR4A2_Medium	chr12	132552624	132553024	Promoter (7-8kb)	12	132560047	132570104	-7023	ENSG00000112787	FBRS1
NR4A2_Medium	chr12	132626378	132626778	Promoter (<=1kb)	12	132623753	132625951	-427	ENSG0000	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr13	24336181	24336581	Promoter (4-5kb)	13	24331450	24337121	4731	ENSG00000261498	LINC00566
NR4A2_Medium	chr13	24674373	24674773	Promoter (5-6kb)	13	24680411	24711783	-5638	ENSG00000075673	ATP12A
NR4A2_Medium	chr13	25466558	25466958	Promoter (2-3kb)	13	25468977	25534225	-2019	ENSG00000132932	ATP8A2
NR4A2_Medium	chr13	26762729	26763129	Promoter (1-2kb)	13	26755200	26760786	-1943	ENSG00000132975	GFR12
NR4A2_Medium	chr13	29512948	29513348	Promoter (6-7kb)	13	29516867	29519510	6162	ENSG00000139514	SLC7A1
NR4A2_Medium	chr13	30386752	30387152	Promoter (9-10kb)	13	30357742	30377145	-9607	ENSG00000238121	LINC00426
NR4A2_Medium	chr13	30427480	30427880	Promoter (4-5kb)	13	30422493	30429758	4987	ENSG00000236444	UBE2L5
NR4A2_Medium	chr13	34351148	34351548	Promoter (3-4kb)	13	34348043	34614170	3105	ENSG00000271850	LINC02343
NR4A2_Medium	chr13	35706722	35707122	Promoter (9-10kb)	13	35697525	35699256	9197	ENSG00000236036	LINC00445
NR4A2_Medium	chr13	35851857	35852257	Promoter (3-4kb)	13	35771339	35855642	3385	ENSG00000133083	DCLK1
NR4A2_Medium	chr13	36126395	36126795	Promoter (4-5kb)	13	35768963	36131306	4511	ENSG00000133083	DCLK1
NR4A2_Medium	chr13	36359596	36359996	Promoter (2-3kb)	13	36362119	36366781	-2123	ENSG00000120664	SPART-AS1
NR4A2_Medium	chr13	38989402	38989802	Promoter (1-2kb)	13	38965925	38990831	1029	ENSG00000133115	STOML3
NR4A2_Medium	chr13	40536212	40536612	Promoter (<=1kb)	13	40458903	40535807	-405	ENSG00000215483	LINC00598
NR4A2_Medium	chr13	40567102	40567502	Promoter (4-5kb)	13	40560759	40562764	-4338	ENSG00000150907	FOXO1
NR4A2_Medium	chr13	41189014	41189414	Promoter (5-6kb)	13	41189834	41194569	5155	ENSG00000120696	KBTBD7
NR4A2_Medium	chr13	41197906	41198306	Promoter (3-4kb)	13	41189834	41194569	-3337	ENSG00000120696	KBTBD7
NR4A2_Medium	chr13	42348443	42348843	Promoter (9-10kb)	13	42339188	42444144	9255	ENSG00000283554	LINC02341
NR4A2_Medium	chr13	42848017	42848417	Promoter (5-6kb)	13	42842414	42842887	-5130	NA	LINC00428
NR4A2_Medium	chr13	42983840	42984240	Promoter (6-7kb)	13	42926377	42991231	6991	ENSG00000133106	EPST11
NR4A2_Medium	chr13	44023035	44023435	Promoter (<=1kb)	13	44022459	44027179	576	ENSG00000233725	NRAD1
NR4A2_Medium	chr13	44373083	44373483	Promoter (<=1kb)	13	44373665	44397441	-182	ENSG00000151778	SERP2
NR4A2_Medium	chr13	45460146	45460546	Promoter (4-5kb)	13	45464898	45465658	-4352	ENSG00000136152	COG3
NR4A2_Medium	chr13	46298396	46298796	Promoter (<=1kb)	13	46296445	46297844	-552	ENSG00000261097	LINC00563
NR4A2_Medium	chr13	46511849	46512249	Promoter (3-4kb)	13	46455132	46515958	3709	ENSG00000231817	LINC01198
NR4A2_Medium	chr13	46516562	46516962	Promoter (<=1kb)	13	46455132	46515958	-604	ENSG00000231817	LINC01198
NR4A2_Medium	chr13	46678943	46679343	Promoter (<=1kb)	13	46679836	46692577	-493	ENSG00000136141	LRCH1
NR4A2_Medium	chr13	47929471	47929871	Promoter (2-3kb)	13	47930153	47932622	2751	ENSG00000260388	LINC00562
NR4A2_Medium	chr13	48230377	48230777	Promoter (1-2kb)	13	48232612	48261875	-1835	ENSG00000136156	ITM2B
NR4A2_Medium	chr13	48384544	48384944	Promoter (3-4kb)	13	48381250	48599436	3294	ENSG00000139687	RB1
NR4A2_Medium	chr13	49456974	49457374	Promoter (2-3kb)	13	49459908	49495002	-2534	ENSG00000136169	SETDB2
NR4A2_Medium	chr13	49633669	49634069	Promoter (5-6kb)	13	49628523	49632237	5146	ENSG00000152213	ARL11
NR4A2_Medium	chr13	49884126	49884526	Promoter (6-7kb)	13	49890591	49892998	-6065	ENSG00000181358	CTAGE10P
NR4A2_Medium	chr13	49891849	49892249	Promoter (1-2kb)	13	49890591	49892998	1258	ENSG00000181358	CTAGE10P
NR4A2_Medium	chr13	51771784	51772184	Promoter (1-2kb)	13	51768615	51774124	1940	ENSG00000102796	DHRS12
NR4A2_Medium	chr13	52178639	52179039	Promoter (6-7kb)	13	52169095	52171826	-6813	ENSG00000243406	MRPS31P5
NR4A2_Medium	chr13	52424605	52425005	Promoter (4-5kb)	13	52425770	52429367	4362	ENSG00000136100	VPS36
NR4A2_Medium	chr13	54312406	54312806	Promoter (<=1kb)	13	54311972	54312048	-358	ENSG00000283126	MIR1297
NR4A2_Medium	chr13	60014293	60014693	Promoter (<=1kb)	13	60013306	60044357	987	ENSG00000227528	DIAPH3-AS1
NR4A2_Medium	chr13	60170284	60170684	Promoter (6-7kb)	13	59665583	60163928	-6356	ENSG00000139734	DIAPH3
NR4A2_Medium	chr13	60172600	60173000	Promoter (8-9kb)	13	59665583	60163928	-8672	ENSG00000139734	DIAPH3
NR4A2_Medium	chr13	64077316	64077716	Promoter (1-2kb)	13	63851197	64076044	-1272	ENSG00000227674	LINC00355
NR4A2_Medium	chr13	67328946	67329346	Promoter (2-3kb)	13	67326177	67379994	2769	ENSG00000230040	LINC00364
NR4A2_Medium	chr13	71016644	71017044	Promoter (1-2kb)	13	71015101	71168414	1543	ENSG00000226846	LINC00348
NR4A2_Medium	chr13	75323178	75323578	Promoter (2-3kb)	13	75312782	75326250	2672	ENSG00000136111	TBC1D4
NR4A2_Medium	chr13	75528517	75528917	Promoter (1-2kb)	13	75526436	75530504	1587	ENSG00000188243	COMMD6
NR4A2_Medium	chr13	77106492	77106892	Promoter (8-9kb)	13	77093286	77097646	-8846	ENSG00000005810	MYCBP2
NR4A2_Medium	chr13	77278739	77279139	Promoter (5-6kb)	13	77270031	77273511	-5228	ENSG00000005810	MYCBP2
NR4A2_Medium	chr13	77711624	77712024	Promoter (7-8kb)	13	77719598	77764229	-7574	ENSG00000139737	SLAIN1
NR4A2_Medium	chr13	78063846	78064246	Promoter (8-9kb)	13	78055155	78578813	8691	ENSG00000234377	OBI1-AS1
NR4A2_Medium	chr13	78586902	78587302	Promoter (8-9kb)	13	78578476	78617328	8426	ENSG00000234377	OBI1-AS1
NR4A2_Medium	chr13	79808291	79808691	Promoter (3-4kb)	13	79804418	79805685	3873	ENSG00000229011	LINC01038
NR4A2_Medium	chr13	80341643	80342043	Promoter (<=1kb)	13	80335976	80341126	-517	ENSG00000136158	SPRY2
NR4A2_Medium	chr13	85354666	85355066	Promoter (8-9kb)	13	85363601	85544570	-8535	ENSG00000226317	LINC00351
NR4A2_Medium	chr13	85796092	85796492	Promoter (2-3kb)	13	85792790	85799419	2927	ENSG00000184564	SLITRK6
NR4A2_Medium	chr13	89500155	89500555	Promoter (<=1kb)	13	89477608	89500509	0	ENSG00000226037	LINC01040
NR4A2_Medium	chr13	91346154	91346554	Promoter (1-2kb)	13	91347820	91352402	-1266	ENSG00000215417	MIR17HG
NR4A2_Medium	chr13	93833478	93833878	Promoter (2-3kb)	13	93818424	93836144	2266	NA	GPC6-AS2
NR4A2_Medium	chr13	95057803	95058203	Promoter (3-4kb)	13	95021676	95053933	-3870	ENSG00000125257	ABCC4
NR4A2_Medium	chr13	95058728	95059128	Promoter (4-5kb)	13	95021676	95053933	-4795	ENSG00000125257	ABCC4
NR4A2_Medium	chr13	98144087	98144487	Promoter (<=1kb)	13	98143480	98245304	607	ENSG00000152767	FARP1
NR4A2_Medium	chr13	98207337	98207737	Promoter (<=1kb)	13	98208524	98208600	-787	ENSG00000263399	MIR3170
NR4A2_Medium	chr13	100108978	100109378	Promoter (6-7kb)	13	100102899	100530437	6079	ENSG00000175198	PCCA
NR4A2_Medium	chr13	100672880	100673280	Promoter (1-2kb)	13	100604871	100674774	1494	ENSG00000125247	TMTC4
NR4A2_Medium	chr13	101418602	101419002	Promoter (2-3kb)	13	101053776	101416508	-2094	ENSG00000102452	NALCN
NR4A2_Medium	chr13	102675084	102675484	Promoter (1-2kb)	13	102673836	102678232	1248	ENSG00000134900	TPP2
NR4A2_Medium	chr13	102780817	102781217	Promoter (7-8kb)	13	102766110	102773811	-7006	ENSG00000151287	TEX30
NR4A2_Medium	chr13	102828545	102828945	Promoter (8-9kb)	13	102820387	102840163	8158	ENSG00000134897	BIVM
NR4A2_Medium	chr13	102892955	102893355	Promoter (1-2kb)	13	102891311	102895685	1644	ENSG00000250878	METTL21EP
NR4A2_Medium	chr13	103073633	103074033	Promoter (7-8kb)	13	103043998	103066417	-7216	ENSG00000125255	SLC10A2
NR4A2_Medium	chr13	110419950	110420350	Promoter (4-5kb)	13	110424802	110429842	-4452	ENSG00000134871	COL4A2
NR4A2_Medium	chr13	110464580	110464980	Promoter (1-2kb)	13	110456396	110463287	-1293	ENSG00000224821	COL4A2-AS2
NR4A2_Medium	chr13	110877779	110878179	Promoter (7-8kb)	13	110863987	110870251	-7528	ENSG00000255874	PRECSIT
NR4A2_Medium	chr13	111589927	111590327	Promoter (5-6kb)	13	111596009	111642079	-5682	ENSG00000215881	LINC02337
NR4A2_Medium	chr13	112107869	112108269	Promoter (<=1kb)	13	112107119	112108015	750	ENSG00000224243	SOX1-OT
NR4A2_Medium	chr13	112900426	112900826	Promoter (6-7kb)	13	112894378	113096861	6048	ENSG00000126217	MCF2L
NR4A2_Medium	chr13	113056462	113057180	Promoter (7-8kb)	13	113064312	113070394	-7132	ENSG00000126217	MCF2L
NR4A2_Medium	chr13	113112205	113112605	Promoter (1-2kb)	13	113110679	113114903	1526	ENSG00000057593	F7
NR4A2_Medium	chr13	113119070	113119470	Promoter (3-4kb)	13	113122799	113149529	-3329	ENSG00000126218	F10
NR4A2_Medium	chr13	113487206	113487606	Promoter (3-4kb)	13	113459312	113490608	3002	ENSG00000150401	DCUN1D2
NR4A2_Medium	chr13	113506079	113506479	Promoter (6-7kb)	13	113500024	113506062	6055	ENSG00000150403	TMCO3
NR4A2_Medium	chr13	113593064	113593464	Promoter (7-8kb)	13	113585426	113633287	7638	ENSG00000198176	TFDP1
NR4A2_Medium	chr13	113774465	113774865	Promoter (6-7kb)	13	113768136	113799857	6329	ENSG00000184497	TMEM255B
NR4A2_Medium	chr13	113774899	113775299	Promoter (6-7kb)	13	113768136	113799857	6763	ENSG00000184497	TMEM255B
NR4A2_Medium	chr13	113795480	113795880	Promoter (4-5kb)	13	113799888	113804890	-4008	ENSG00000184497	TMEM255B
NR4A2_Medium	chr13	113841318	113841718	Promoter (5-6kb)	13	113820552	113836044	-5274	ENSG00000183087	GAS6
NR4A2_Medium	chr14	20691323	20691723	Promoter (2-3kb)	14	20688782	20700602	2541	ENSG00000258818	RNASE4
NR4A2_Medium	chr14	20774060	20774460	Promoter (5-6kb)	14	20768404	20770948	5656	ENSG00000181552	EDDM3B
NR4A2_Medium	chr14	21479206	21479606	Promoter (1-2kb)	14	21477264	21487693	1942	ENSG00000092203	TOX4
NR4A2_Medium	chr14	22436010	22436410	Promoter (3-4kb)	14	22379466	22432740	-3270	ENSG00000251002	LOC105370401
NR4A2_Medium	chr14	22898511	22898911	Promoter (3-4kb)	14	22901672	22902241	3330	ENSG00000100461	RBM23
NR4A2_Medium	chr14	22916718	22917118	Promoter (<=1kb)	14	22909483	22917556	438	ENSG00000100461	RBM23
NR4A2_Medium	chr14	22968785	22969185	Promoter (6-7kb)	14	22974655	22975295	6110		

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr14	37161927	37162327	Promoter (9-10kb)	14	37171888	37173811	-9561	ENSG00000258708	SLC25A21-AS1
NR4A2_Medium	chr14	38263128	38263528	Promoter (7-8kb)	14	38254000	38256093	-7035	ENSG00000176435	CLEC14A
NR4A2_Medium	chr14	39225350	39225750	Promoter (4-5kb)	14	39230231	39240588	-4481	ENSG00000150527	MIA2
NR4A2_Medium	chr14	45096400	45096800	Promoter (<=1kb)	14	45096906	45110176	-106	ENSG00000185246	PRPF39
NR4A2_Medium	chr14	49701873	49702273	Promoter (8-9kb)	14	49693129	49740177	8744	ENSG00000197776	KLHDC1
NR4A2_Medium	chr14	50171377	50171777	Promoter (8-9kb)	14	50155892	50180654	8877	ENSG00000100485	SOS2
NR4A2_Medium	chr14	50337475	50337875	Promoter (1-2kb)	14	50330112	50339029	1154	ENSG00000100490	CDKL1
NR4A2_Medium	chr14	50476659	50477059	Promoter (6-7kb)	14	50462693	50483149	6090	ENSG0000012983	MAP4K5
NR4A2_Medium	chr14	50564389	50564789	Promoter (3-4kb)	14	50475092	50561126	-3263	ENSG0000012983	MAP4K5
NR4A2_Medium	chr14	50624765	50625165	Promoter (3-4kb)	14	50628166	50632320	-3001	ENSG00000198513	ATL1
NR4A2_Medium	chr14	50641980	50642380	Promoter (2-3kb)	14	50635113	50644809	2429	ENSG00000151748	SAV1
NR4A2_Medium	chr14	51365567	51365967	Promoter (4-5kb)	14	51360718	51365545	4849	NA	LINC00640
NR4A2_Medium	chr14	51844082	51844482	Promoter (2-3kb)	14	51847126	51979342	-2644	ENSG00000186469	GNB2
NR4A2_Medium	chr14	53956711	53957111	Promoter (<=1kb)	14	53949736	53956811	0	ENSG00000125378	BMP4
NR4A2_Medium	chr14	54518359	54518759	Promoter (8-9kb)	14	54510185	54531117	8174	ENSG00000100532	CGRRF1
NR4A2_Medium	chr14	55385561	55385961	Promoter (5-6kb)	14	55366392	55391302	5341	ENSG00000126775	ATG14
NR4A2_Medium	chr14	55674854	55675254	Promoter (<=1kb)	14	55675050	55683723	0	ENSG00000126777	KTN1
NR4A2_Medium	chr14	55686417	55686817	Promoter (6-7kb)	14	55679663	55684253	6754	ENSG00000126777	KTN1
NR4A2_Medium	chr14	55775792	55776192	Promoter (9-10kb)	14	55766245	55767717	9547	ENSG00000177350	RPL13AP3
NR4A2_Medium	chr14	57792472	57792872	Promoter (6-7kb)	14	57594045	57799507	6635	ENSG00000151812	SLC35F4
NR4A2_Medium	chr14	58189998	58190398	Promoter (9-10kb)	14	58200080	58234760	-9682	ENSG00000131966	ACTR10
NR4A2_Medium	chr14	58258160	58258560	Promoter (<=1kb)	14	58257925	58272006	235	ENSG00000100567	PSMA3
NR4A2_Medium	chr14	58259257	58259657	Promoter (1-2kb)	14	58257925	58272006	1332	ENSG00000100567	PSMA3
NR4A2_Medium	chr14	58542845	58543245	Promoter (2-3kb)	14	58539867	58548054	2978	ENSG00000100578	KIAA0586
NR4A2_Medium	chr14	59614808	59615208	Promoter (7-8kb)	14	59596014	59607607	-7201	ENSG00000139970	RTN1
NR4A2_Medium	chr14	59644721	59645121	Promoter (1-2kb)	14	59646962	59647020	1899	ENSG00000263629	MIR5586
NR4A2_Medium	chr14	60175409	60175809	Promoter (5-6kb)	14	60144120	60169856	-5553	ENSG00000100612	DHRS7
NR4A2_Medium	chr14	61685879	61686279	Promoter (9-10kb)	14	61695513	61721824	-9234	ENSG00000100644	HIF1A
NR4A2_Medium	chr14	62088971	62089371	Promoter (9-10kb)	14	62079347	62101709	9624	ENSG00000139973	SYT16
NR4A2_Medium	chr14	63045591	63045991	Promoter (<=1kb)	14	62699464	63045458	-133	ENSG00000140015	KCNH5
NR4A2_Medium	chr14	63103181	63103581	Promoter (1-2kb)	14	62949818	63102037	-1144	ENSG00000140015	KCNH5
NR4A2_Medium	chr14	63326297	63326697	Promoter (7-8kb)	14	63312835	63318935	-7362	ENSG00000179600	GPHB5
NR4A2_Medium	chr14	64330694	64331094	Promoter (5-6kb)	14	64329431	64336569	5475	ENSG00000140009	ESR2
NR4A2_Medium	chr14	64370091	64370491	Promoter (8-9kb)	14	64346135	64379318	8827	NA	TEX21P
NR4A2_Medium	chr14	64414383	64414783	Promoter (<=1kb)	14	64415638	64421598	-855	ENSG00000100714	MTHFD1
NR4A2_Medium	chr14	64735718	64736118	Promoter (1-2kb)	14	64738015	64744343	-1897	ENSG00000126822	PLEKHG3
NR4A2_Medium	chr14	64775825	64776225	Promoter (6-7kb)	14	64748937	64782550	6325	ENSG00000070182	SPTB
NR4A2_Medium	chr14	64822208	64822608	Promoter (<=1kb)	14	64746284	64823148	540	ENSG00000070182	SPTB
NR4A2_Medium	chr14	65633150	65633550	Promoter (2-3kb)	14	65636516	65721912	-2966	ENSG00000033170	FUT8
NR4A2_Medium	chr14	67438928	67439328	Promoter (2-3kb)	14	67441855	67441930	2602	ENSG00000265993	MIR5694
NR4A2_Medium	chr14	67489539	67489939	Promoter (<=1kb)	14	67473685	67488732	-807	ENSG00000198133	TMEM229B
NR4A2_Medium	chr14	67572517	67572917	Promoter (<=1kb)	14	67571788	67573376	729	ENSG00000054690	PLEKHH1
NR4A2_Medium	chr14	67579123	67579523	Promoter (<=1kb)	14	67579294	67580307	0	ENSG00000054690	PLEKHH1
NR4A2_Medium	chr14	67736604	67737004	Promoter (9-10kb)	14	67727164	67729746	9440	ENSG00000139988	RDH12
NR4A2_Medium	chr14	67990273	67990673	Promoter (9-10kb)	14	68000279	68497257	-9606	ENSG00000182185	RAD51B
NR4A2_Medium	chr14	68898884	68899284	Promoter (8-9kb)	14	68879046	68890142	-8742	ENSG00000072110	ACTN1
NR4A2_Medium	chr14	69484611	69485011	Promoter (<=1kb)	14	69484692	69503690	0	ENSG00000175985	PLEKHD1
NR4A2_Medium	chr14	70189433	70189833	Promoter (<=1kb)	14	70044220	70189070	-363	ENSG00000100678	SLC8A3
NR4A2_Medium	chr14	70245350	70245750	Promoter (1-2kb)	14	70245491	70247660	1910	ENSG00000235812	ADAM21P1
NR4A2_Medium	chr14	70255705	70256105	Promoter (7-8kb)	14	70245753	70247801	-7904	ENSG00000235812	ADAM21P1
NR4A2_Medium	chr14	70330899	70331299	Promoter (2-3kb)	14	70326068	70328230	-2669	ENSG00000133983	COX16
NR4A2_Medium	chr14	70355854	70356254	Promoter (3-4kb)	14	70326282	70359590	3336	ENSG00000133983	COX16
NR4A2_Medium	chr14	70585825	70586225	Promoter (5-6kb)	14	70584665	70591814	5589	ENSG00000133997	MED6
NR4A2_Medium	chr14	71050803	71051203	Promoter (<=1kb)	14	71050658	71060742	145	ENSG00000100731	PCNX1
NR4A2_Medium	chr14	71529501	71529901	Promoter (<=1kb)	14	71529325	71741229	176	ENSG00000197555	SIPA1L1
NR4A2_Medium	chr14	72517147	72517547	Promoter (<=1kb)	14	72516820	72516898	327	ENSG00000273830	MIR7843
NR4A2_Medium	chr14	73162489	73162889	Promoter (4-5kb)	14	73167829	73220401	-4940	ENSG00000080815	PSEN1
NR4A2_Medium	chr14	73246393	73246793	Promoter (<=1kb)	14	73242651	73245979	-414	NA	LOC101928123
NR4A2_Medium	chr14	73355839	73356239	Promoter (<=1kb)	14	73275210	73355769	-70	ENSG00000133961	NUMB
NR4A2_Medium	chr14	73416838	73417238	Promoter (6-7kb)	14	73284251	73410071	-6767	ENSG00000133961	NUMB
NR4A2_Medium	chr14	73658022	73658422	Promoter (<=1kb)	14	73658847	73689517	-425	ENSG00000119661	DNAL1
NR4A2_Medium	chr14	74089022	74089422	Promoter (3-4kb)	14	74085505	74097860	3517	ENSG00000205659	LIN52
NR4A2_Medium	chr14	74718049	74718449	Promoter (2-3kb)	14	74715672	74732793	2377	ENSG00000119616	FCF1
NR4A2_Medium	chr14	74918336	74918736	Promoter (<=1kb)	14	74909969	74918550	0	ENSG00000198208	RPS6KL1
NR4A2_Medium	chr14	75007238	75007638	Promoter (<=1kb)	14	75006304	75009563	934	ENSG00000119718	EIF2B2
NR4A2_Medium	chr14	75638802	75639202	Promoter (1-2kb)	14	75640732	75641976	-1530	ENSG00000119686	FLVCR2
NR4A2_Medium	chr14	75963001	75963401	Promoter (2-3kb)	14	75959289	75960957	-2044	ENSG00000119699	TGFB3
NR4A2_Medium	chr14	75974490	75974890	Promoter (3-4kb)	14	75960861	75970790	-3700	ENSG00000119699	TGFB3
NR4A2_Medium	chr14	75978897	75979297	Promoter (1-2kb)	14	75963062	75980993	1696	ENSG00000119699	TGFB3
NR4A2_Medium	chr14	76400160	76400560	Promoter (6-7kb)	14	76407402	76501835	-6842	ENSG00000119715	ESRRB
NR4A2_Medium	chr14	77085036	77085436	Promoter (8-9kb)	14	77073907	77076392	-8644	ENSG00000258819	LINC02289
NR4A2_Medium	chr14	77187993	77188393	Promoter (6-7kb)	14	77181827	77218963	6166	ENSG00000165548	TMEM63C
NR4A2_Medium	chr14	77243226	77243626	Promoter (8-9kb)	14	77251709	77256794	-8083	ENSG00000165548	TMEM63C
NR4A2_Medium	chr14	78165527	78165927	Promoter (4-5kb)	14	78170373	79862033	-4446	ENSG00000021645	NRXN3
NR4A2_Medium	chr14	79308468	79308868	Promoter (5-6kb)	14	79314051	79861959	-5183	ENSG00000021645	NRXN3
NR4A2_Medium	chr14	79322064	79322464	Promoter (8-9kb)	14	79314051	79861959	8013	ENSG00000021645	NRXN3
NR4A2_Medium	chr14	80578606	80579006	Promoter (1-2kb)	14	80490479	80580425	1419	ENSG00000100629	CEP128
NR4A2_Medium	chr14	81317386	81317786	Promoter (5-6kb)	14	81278476	81323683	5897	ENSG00000140022	STON2
NR4A2_Medium	chr14	85423157	85423557	Promoter (8-9kb)	14	85414333	85419861	8824	ENSG00000259107	LINC00911
NR4A2_Medium	chr14	88269969	88270369	Promoter (<=1kb)	14	88184893	88270911	542	ENSG00000100433	KCNK10
NR4A2_Medium	chr14	88724519	88724919	Promoter (9-10kb)	14	88621757	88715130	-9389	ENSG00000165521	EML5
NR4A2_Medium	chr14	89624733	89625133	Promoter (5-6kb)	14	89162362	89619149	-5584	ENSG00000053254	FOXN3
NR4A2_Medium	chr14	90268209	90268609	Promoter (<=1kb)	14	90267476	90272624	733	ENSG00000100764	PSMC1
NR4A2_Medium	chr14	90611041	90611441	Promoter (<=1kb)	14	90541318	90610776	-265	ENSG00000165914	TTC7B
NR4A2_Medium	chr14	91260043	91260443	Promoter (6-7kb)	14	91232532	91253925	-6118	ENSG00000119714	GPR68
NR4A2_Medium	chr14	91405524	91405924	Promoter (2-3kb)	14	91342143	91408758	2834	ENSG00000151333	CCDC88C
NR4A2_Medium	chr14	92553193	92553593	Promoter (2-3kb)	14	92555840	92616028	-2247	ENSG00000100599	RIN3
NR4A2_Medium	chr14	94519505	94519905	Promoter (1-2kb)	14	94487283	94517844	-1661	ENSG00000165953	SERPINA12
NR4A2_Medium	chr14	94586150	94586550	Promoter (4-5kb)	14	94581971	94587435	4179	ENSG00000188488	SERPINA5
NR4A2_Medium	chr14	94637787	94638187	Promoter (2-3kb)	14	94640725	94646994	-2538	ENSG00000187483	SERPINA13P
NR4A2_Medium	chr14	94650942	94651402	Promoter (9-10kb)	14	94641318	94645026	9624	ENSG00000187483	SERPINA13P
NR4A2_Medium	chr14	95455568	95455968	Promoter (<=1kb)	14	95417604	95456189	221	ENSG00000176438	SYNE3
NR4A2_Medium	chr14	96849188	96849588	Promoter (3-4kb)	14	96852888	96931722	-3300	ENSG00000100749	VRK1
NR4A2_Medium	chr14	97968701	97969101	Promoter (8-9kb)	14	97933062	97978056	8955	ENSG00000246223	LINC



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr14	100480647	100481047	Promoter (4-5kb)	14	100476474	100530007	4173	ENSG00000176473	WDR25
NR4A2_Medium	chr14	100503535	100503935	Promoter (<=1kb)	14	100503700	100530021	0	ENSG00000176473	WDR25
NR4A2_Medium	chr14	100890287	100890687	Promoter (4-5kb)	14	100894770	100906968	-4083	NA	MEG8
NR4A2_Medium	chr14	101027955	101028355	Promoter (<=1kb)	14	101027100	101027183	855	ENSG00000207762	MIR329-2
NR4A2_Medium	chr14	101130442	101130842	Promoter (9-10kb)	14	101120840	101123545	9602	ENSG00000259004	LINC02285
NR4A2_Medium	chr14	101550424	101550824	Promoter (4-5kb)	14	101552223	101555676	4852	ENSG00000258498	DIO3OS
NR4A2_Medium	chr14	101553061	101553461	Promoter (2-3kb)	14	101552223	101555676	2215	ENSG00000258498	DIO3OS
NR4A2_Medium	chr14	101958293	101958693	Promoter (5-6kb)	14	101964573	102011733	-5880	ENSG00000197102	DYNC1H1
NR4A2_Medium	chr14	102367700	102368100	Promoter (4-5kb)	14	102363079	102465671	4621	ENSG00000196663	TECPR2
NR4A2_Medium	chr14	102500517	102500917	Promoter (2-3kb)	14	102497539	102498412	2978	ENSG00000196663	TECPR2
NR4A2_Medium	chr14	102539103	102539503	Promoter (<=1kb)	14	102539644	102539726	-141	ENSG00000266015	MIR4309
NR4A2_Medium	chr14	103082154	103082554	Promoter (1-2kb)	14	103084210	103090027	-1656	ENSG00000283071	LBHD2
NR4A2_Medium	chr14	103134510	103134910	Promoter (1-2kb)	14	103132748	103136682	1762	ENSG00000185215	TNFAIP2
NR4A2_Medium	chr14	103387880	103388280	Promoter (1-2kb)	14	103386239	103451995	1641	ENSG00000075413	MARK3
NR4A2_Medium	chr14	103736198	103736598	Promoter (1-2kb)	14	103733753	103737696	1098	ENSG00000088808	PPP1R13B
NR4A2_Medium	chr14	104089643	104090043	Promoter (3-4kb)	14	104093491	104105382	-3448	ENSG00000166183	ASPG
NR4A2_Medium	chr14	104104350	104104750	Promoter (<=1kb)	14	104104929	104107233	-179	ENSG00000166183	ASPG
NR4A2_Medium	chr14	104114205	104114605	Promoter (2-3kb)	14	104111621	104112708	2584	ENSG00000166183	ASPG
NR4A2_Medium	chr14	104215256	104215700	Promoter (7-8kb)	14	104223584	104288069	-7884	ENSG00000258913	LINC02691
NR4A2_Medium	chr14	104231881	104232281	Promoter (8-9kb)	14	104223655	104244622	8226	ENSG00000258913	LINC02691
NR4A2_Medium	chr14	104664865	104665265	Promoter (<=1kb)	14	104661120	104665558	293	ENSG00000260792	LINC02280
NR4A2_Medium	chr14	104685920	104686320	Promoter (3-4kb)	14	104689606	104722535	-3286	ENSG00000203485	INF2
NR4A2_Medium	chr14	104699522	104699922	Promoter (7-8kb)	14	104707864	104719605	-7942	ENSG00000203485	INF2
NR4A2_Medium	chr14	104742611	104743011	Promoter (<=1kb)	14	104741943	104744963	668	ENSG00000185100	ADSS1
NR4A2_Medium	chr14	104778439	104778839	Promoter (<=1kb)	14	104769352	104778571	0	ENSG00000142208	AKT1
NR4A2_Medium	chr14	104824405	104824805	Promoter (3-4kb)	14	104821201	104823718	3204	ENSG00000258701	LINC00638
NR4A2_Medium	chr14	104859323	104859723	Promoter (5-6kb)	14	104865268	104896747	-5545	ENSG00000099814	CEP170B
NR4A2_Medium	chr14	104869027	104869427	Promoter (3-4kb)	14	104865313	104896770	3714	ENSG00000099814	CEP170B
NR4A2_Medium	chr14	104890574	104890974	Promoter (2-3kb)	14	104893934	104895059	-2960	ENSG00000099814	CEP170B
NR4A2_Medium	chr14	105073579	105073979	Promoter (8-9kb)	14	105049397	105065445	-8134	ENSG00000183484	GPR132
NR4A2_Medium	chr14	105143565	105143965	Promoter (3-4kb)	14	105141755	105147358	3393	ENSG00000184916	JAG2
NR4A2_Medium	chr14	105182541	105182941	Promoter (1-2kb)	14	105175488	105181323	-1218	ENSG00000183828	NUDT14
NR4A2_Medium	chr14	105244133	105244533	Promoter (1-2kb)	14	105221648	105242605	-1528	ENSG00000185024	BRF1
NR4A2_Medium	chr14	105327822	105328222	Promoter (8-9kb)	14	105336425	105367250	-8203	ENSG00000179364	PACS2
NR4A2_Medium	chr14	105464025	105464425	Promoter (<=1kb)	14	105463553	105467192	472	ENSG00000182979	MTA1
NR4A2_Medium	chr15	25221577	25221977	Promoter (<=1kb)	15	25222348	25222428	-371	ENSG00000200801	SNORD115-28
NR4A2_Medium	chr15	25225368	25225768	Promoter (<=1kb)	15	25225203	25225284	165	ENSG00000200987	SNORD115-30
NR4A2_Medium	chr15	25233919	25234319	Promoter (<=1kb)	15	25234247	25234328	0	ENSG00000201992	SNORD115-35
NR4A2_Medium	chr15	25236335	25236735	Promoter (<=1kb)	15	25236088	25420336	247	NA	SNHG14
NR4A2_Medium	chr15	25410961	25411361	Promoter (1-2kb)	15	25375707	25409412	-1549	ENSG00000114062	UBE3A
NR4A2_Medium	chr15	26553193	26553593	Promoter (3-4kb)	15	26548059	26550114	-3079	ENSG00000166206	GABRB3
NR4A2_Medium	chr15	26968037	26968437	Promoter (2-3kb)	15	26971181	27541984	-2744	ENSG00000182256	GABRG3
NR4A2_Medium	chr15	27518987	27519387	Promoter (<=1kb)	15	27519972	27530920	-585	ENSG00000182256	GABRG3
NR4A2_Medium	chr15	28105568	28105968	Promoter (6-7kb)	15	27754875	28099315	-6253	ENSG00000104044	OCA2
NR4A2_Medium	chr15	33244460	33244860	Promoter (<=1kb)	15	33243739	33244987	127	NA	TMCO5B
NR4A2_Medium	chr15	33318052	33318452	Promoter (6-7kb)	15	33311068	33503738	6984	ENSG00000198838	RYR3
NR4A2_Medium	chr15	33833288	33833688	Promoter (1-2kb)	15	33834979	33850669	-1291	ENSG00000198838	RYR3
NR4A2_Medium	chr15	34518594	34518994	Promoter (9-10kb)	15	34528290	34528371	9377	ENSG00000221649	MIR1233-1
NR4A2_Medium	chr15	34590929	34591329	Promoter (2-3kb)	15	34525282	34588503	-2426	ENSG00000215252	GOLGA8B
NR4A2_Medium	chr15	34764616	34765016	Promoter (9-10kb)	15	34755162	34790869	9454	ENSG00000250007	LOC101928174
NR4A2_Medium	chr15	35368553	35368953	Promoter (3-4kb)	15	35372256	35372364	3411	ENSG00000265102	MIR3942
NR4A2_Medium	chr15	38036321	38036721	Promoter (3-4kb)	15	38040393	38062340	-3672	ENSG00000259225	LINC02345
NR4A2_Medium	chr15	38461155	38461555	Promoter (2-3kb)	15	38464149	38470662	-2594	ENSG00000171262	FAM98B
NR4A2_Medium	chr15	39245432	39245832	Promoter (4-5kb)	15	39250684	39254845	-4852	ENSG00000175746	C15orf54
NR4A2_Medium	chr15	39832763	39833163	Promoter (3-4kb)	15	39800949	39829276	-3487	ENSG00000166073	GPR176
NR4A2_Medium	chr15	40013945	40014345	Promoter (6-7kb)	15	40020526	40022597	-6181	ENSG00000128829	EIF2AK4
NR4A2_Medium	chr15	40044227	40044627	Promoter (4-5kb)	15	40039349	40057000	4878	ENSG00000248508	SRP14-AS1
NR4A2_Medium	chr15	40265780	40266180	Promoter (<=1kb)	15	40266014	40266982	0	ENSG00000137843	PAK6
NR4A2_Medium	chr15	40267291	40267691	Promoter (<=1kb)	15	40266612	40272354	679	ENSG00000137843	PAK6
NR4A2_Medium	chr15	40284638	40285038	Promoter (2-3kb)	15	40281444	40282586	-2052	ENSG00000230778	ANKRD63
NR4A2_Medium	chr15	40327560	40327960	Promoter (3-4kb)	15	40323692	40326715	3868	ENSG00000259330	INAFM2
NR4A2_Medium	chr15	40418472	40418872	Promoter (2-3kb)	15	40416167	40424473	2305	ENSG00000128928	IVD
NR4A2_Medium	chr15	40895847	40896247	Promoter (1-2kb)	15	40894467	40902861	1380	ENSG00000104142	VPS18
NR4A2_Medium	chr15	40934968	40935368	Promoter (4-5kb)	15	40930880	40934921	4088	ENSG00000128917	DLL4
NR4A2_Medium	chr15	40951641	40952041	Promoter (<=1kb)	15	40952962	40955822	-921	ENSG00000128965	CHAC1
NR4A2_Medium	chr15	41184541	41184941	Promoter (5-6kb)	15	41182735	41190370	5429	ENSG00000178997	EXD1
NR4A2_Medium	chr15	41260892	41261292	Promoter (3-4kb)	15	41256910	41272375	3982	ENSG00000187446	CHP1
NR4A2_Medium	chr15	41320673	41321073	Promoter (<=1kb)	15	41320794	41381021	0	ENSG00000137804	NUSAP1
NR4A2_Medium	chr15	41421527	41421927	Promoter (4-5kb)	15	41417132	41452994	4395	ENSG00000137815	RTF1
NR4A2_Medium	chr15	41534050	41534450	Promoter (<=1kb)	15	41527988	41533394	-656	ENSG00000103932	RPAP1
NR4A2_Medium	chr15	41539506	41539906	Promoter (3-4kb)	15	41534805	41536375	-3131	ENSG00000103932	RPAP1
NR4A2_Medium	chr15	41812056	41812456	Promoter (1-2kb)	15	41810761	41811326	1295	ENSG00000137802	MAPKBP1
NR4A2_Medium	chr15	41968083	41968483	Promoter (4-5kb)	15	41941604	41972552	4069	ENSG00000103966	EHD4
NR4A2_Medium	chr15	42044605	42045005	Promoter (6-7kb)	15	41981582	42051190	6185	ENSG00000188089	PLA2G4E
NR4A2_Medium	chr15	42067474	42067874	Promoter (4-5kb)	15	42067009	42071878	4004	ENSG00000159337	PLA2G4D
NR4A2_Medium	chr15	42077012	42077412	Promoter (5-6kb)	15	42067009	42071878	-5134	ENSG00000159337	PLA2G4D
NR4A2_Medium	chr15	42149747	42150147	Promoter (2-3kb)	15	42146675	42147733	-2014	ENSG00000168907	PLA2G4F
NR4A2_Medium	chr15	42266169	42266569	Promoter (5-6kb)	15	42239668	42271601	5032	ENSG00000103978	TMEM87A
NR4A2_Medium	chr15	42539920	42540320	Promoter (5-6kb)	15	42543967	42545449	5129	ENSG00000180979	LIRC57
NR4A2_Medium	chr15	42682182	42682582	Promoter (6-7kb)	15	42675496	42682213	6686	ENSG00000159433	STARD9
NR4A2_Medium	chr15	42687707	42688107	Promoter (1-2kb)	15	42689595	42720859	-1488	ENSG00000159433	STARD9
NR4A2_Medium	chr15	42901456	42901856	Promoter (6-7kb)	15	42829941	42908275	6419	ENSG00000128881	TTBK2
NR4A2_Medium	chr15	43522835	43523235	Promoter (5-6kb)	15	43517608	43531611	5227	ENSG00000166963	MAP1A
NR4A2_Medium	chr15	43855639	43856039	Promoter (2-3kb)	15	43858507	43867018	-2468	ENSG00000092470	WDR76
NR4A2_Medium	chr15	43867066	43867466	Promoter (8-9kb)	15	43858507	43867018	8559	ENSG00000092470	WDR76
NR4A2_Medium	chr15	43931225	43931625	Promoter (6-7kb)	15	43870761	43924314	-6911	ENSG00000171877	FRMD5
NR4A2_Medium	chr15	44400386	44400786	Promoter (2-3kb)	15	44403051	44414761	-2265	ENSG00000166734	GOLM2
NR4A2_Medium	chr15	45379533	45379933	Promoter (<=1kb)	15	45363631	45378547	-986	ENSG00000171766	GATM
NR4A2_Medium	chr15	45883073	45883473	Promoter (3-4kb)	15	45879637	45928936	3436	ENSG00000259200	LOC105370802
NR4A2_Medium	chr15	48322204	48322604	Promoter (8-9kb)	15	48331011	48341495	-8407	ENSG00000128951	DUT
NR4A2_Medium	chr15	48815487	48815887	Promoter (4-5kb)	15	48772515	48811146	-4341	ENSG00000103995	CEP152
NR4A2_Medium	chr15	49318721	49319121	Promoter (<=1kb)	15	49319682	49328982	-561	ENSG00000156958	GALK2
NR4A2_Medium	chr15	49499229	49499629	Promoter (8-9kb)	15	49489061	49508294			

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr15	55331685	55332085	Promoter (8-9kb)	15	55340373	55350830	-8288	ENSG00000069943	PIGB
NR4A2_Medium	chr15	55491386	55491786	Promoter (6-7kb)	15	55377024	55498341	6555	ENSG00000261771	DNAAF4-CCPG1
NR4A2_Medium	chr15	55749103	55749503	Promoter (5-6kb)	15	55611544	55743152	-5951	ENSG00000166450	PRTG
NR4A2_Medium	chr15	56466321	56466721	Promoter (1-2kb)	15	56428724	56465137	-1184	ENSG00000138587	MNS1
NR4A2_Medium	chr15	57678691	57679091	Promoter (1-2kb)	15	57680698	57714745	-1607	ENSG00000137878	GCOM1
NR4A2_Medium	chr15	57687088	57687488	Promoter (6-7kb)	15	57680698	57714745	6390	ENSG00000137878	GCOM1
NR4A2_Medium	chr15	57702337	57702737	Promoter (3-4kb)	15	57706695	57714882	-3958	ENSG00000255529	POLR2M
NR4A2_Medium	chr15	58270850	58271250	Promoter (8-9kb)	15	57955063	58279263	8013	ENSG00000128918	ALDH1A2
NR4A2_Medium	chr15	59610223	59610623	Promoter (1-2kb)	15	59611783	59622723	-1160	ENSG00000140297	GCNT3
NR4A2_Medium	chr15	60480897	60481297	Promoter (1-2kb)	15	60479207	60630516	1690	ENSG00000245534	RORA-AS1
NR4A2_Medium	chr15	61735964	61736364	Promoter (6-7kb)	15	61729850	61731389	6114	ENSG00000259284	LINC02349
NR4A2_Medium	chr15	62000153	62000553	Promoter (8-9kb)	15	61983713	61991748	-8405	ENSG00000129003	VPS13C
NR4A2_Medium	chr15	63058049	63058449	Promoter (1-2kb)	15	63057006	63066091	1043	ENSG00000140416	TPM1
NR4A2_Medium	chr15	63331400	63331800	Promoter (<=1kb)	15	63325980	63331813	13	ENSG00000074410	CA12
NR4A2_Medium	chr15	63336593	63336993	Promoter (4-5kb)	15	63325980	63331813	-4780	ENSG00000074410	CA12
NR4A2_Medium	chr15	64141751	64142151	Promoter (5-6kb)	15	64136330	64143308	5421	ENSG00000028528	SNX1
NR4A2_Medium	chr15	64323543	64323943	Promoter (6-7kb)	15	64216591	64317007	-6536	ENSG00000169118	CSNK1G1
NR4A2_Medium	chr15	64904849	64905249	Promoter (6-7kb)	15	64911902	64931967	-6653	ENSG00000166839	ANKDD1A
NR4A2_Medium	chr15	65065758	65066158	Promoter (1-2kb)	15	65054228	65067943	1785	ENSG00000103710	RASL12
NR4A2_Medium	chr15	65075043	65075443	Promoter (1-2kb)	15	65054777	65076690	1247	ENSG00000103710	RASL12
NR4A2_Medium	chr15	65164417	65164817	Promoter (1-2kb)	15	65158191	65162647	-1770	ENSG00000166855	CLPX
NR4A2_Medium	chr15	65254295	65254695	Promoter (6-7kb)	15	65234460	65261007	6312	ENSG00000138617	PARP16
NR4A2_Medium	chr15	65309237	65309637	Promoter (4-5kb)	15	65304677	65304792	4560	ENSG00000200156	RNU5B-1
NR4A2_Medium	chr15	65380117	65380517	Promoter (2-3kb)	15	65327127	65378002	-2115	ENSG00000174498	IGDCC3
NR4A2_Medium	chr15	65399199	65399599	Promoter (2-3kb)	15	65381487	65396429	-2770	ENSG00000103742	IGDCC4
NR4A2_Medium	chr15	65799014	65799414	Promoter (6-7kb)	15	65792447	65877819	6567	ENSG00000103769	RAB11A
NR4A2_Medium	chr15	66382235	66382635	Promoter (4-5kb)	15	66349302	66386712	4077	ENSG00000075131	TIPIN
NR4A2_Medium	chr15	66994514	66994914	Promoter (<=1kb)	15	66986368	66994187	-327	NA	LOC102723493
NR4A2_Medium	chr15	67191224	67191624	Promoter (4-5kb)	15	67186662	67191521	4562	ENSG00000166949	SMAD3
NR4A2_Medium	chr15	67429245	67429645	Promoter (2-3kb)	15	67418886	67431837	2192	ENSG00000259673	IQCH-AS1
NR4A2_Medium	chr15	67439592	67439992	Promoter (7-8kb)	15	67418886	67431837	-7755	ENSG00000259673	IQCH-AS1
NR4A2_Medium	chr15	68607611	68608011	Promoter (8-9kb)	15	68616540	68727803	-8529	ENSG00000103647	CORO2B
NR4A2_Medium	chr15	68934256	68934656	Promoter (3-4kb)	15	68930634	69056725	3622	ENSG00000255346	NOX5
NR4A2_Medium	chr15	69021986	69022386	Promoter (7-8kb)	15	69014732	69057122	7254	ENSG00000255346	NOX5
NR4A2_Medium	chr15	69421299	69421699	Promoter (1-2kb)	15	69422900	69447918	-1201	ENSG00000137807	KIF23
NR4A2_Medium	chr15	69477580	69477980	Promoter (9-10kb)	15	69468036	69571083	9544	ENSG00000245750	DRAIC
NR4A2_Medium	chr15	69598004	69598404	Promoter (5-6kb)	15	69592213	69695730	5791	ENSG00000245750	PCAT29
NR4A2_Medium	chr15	69678788	69679188	Promoter (7-8kb)	15	69671748	69695750	7040	ENSG00000245750	PCAT29
NR4A2_Medium	chr15	72105435	72105835	Promoter (8-9kb)	15	72114258	72140962	-8423	ENSG00000166192	SENP8
NR4A2_Medium	chr15	72267995	72268395	Promoter (<=1kb)	15	72241182	72267649	-346	ENSG00000137817	PARP6
NR4A2_Medium	chr15	72682165	72682565	Promoter (3-4kb)	15	72686179	72738475	-3614	ENSG00000140463	BBS4
NR4A2_Medium	chr15	73300470	73300870	Promoter (2-3kb)	15	73298299	73301550	2171	ENSG00000067141	NEO1
NR4A2_Medium	chr15	73373613	73374013	Promoter (4-5kb)	15	73319859	73368958	-4655	ENSG00000138622	HCN4
NR4A2_Medium	chr15	73571176	73571576	Promoter (1-2kb)	15	73567012	73569294	-1882	ENSG00000281183	NPTN-IT1
NR4A2_Medium	chr15	73716387	73716787	Promoter (5-6kb)	15	73711132	73714514	5255	ENSG00000103855	CD276
NR4A2_Medium	chr15	73996920	73997320	Promoter (<=1kb)	15	73998024	74028442	-704	ENSG00000140464	PML
NR4A2_Medium	chr15	74599758	74600158	Promoter (8-9kb)	15	74608372	74630201	-8214	ENSG00000179335	CLK3
NR4A2_Medium	chr15	74837480	74837880	Promoter (<=1kb)	15	74836805	74837956	76	ENSG00000140474	ULK3
NR4A2_Medium	chr15	74952358	74952758	Promoter (4-5kb)	15	74957219	75019277	-4461	ENSG00000198794	SCAMP5
NR4A2_Medium	chr15	75197507	75197907	Promoter (<=1kb)	15	75198866	75206135	-959	ENSG00000167173	C15orf39
NR4A2_Medium	chr15	75623746	75624146	Promoter (1-2kb)	15	75617520	75625179	1033	ENSG00000169371	SNUPN
NR4A2_Medium	chr15	75877252	75877652	Promoter (<=1kb)	15	75878186	75897062	-534	ENSG00000140367	UBE2Q2
NR4A2_Medium	chr15	77043720	77044120	Promoter (8-9kb)	15	77035694	77037332	8026	ENSG00000140368	PSTPIP1
NR4A2_Medium	chr15	77525362	77525762	Promoter (<=1kb)	15	77525540	77534110	0	ENSG00000259362	LOC101929457
NR4A2_Medium	chr15	77623691	77624091	Promoter (8-9kb)	15	77613027	77632490	8399	ENSG00000169783	LINGO1
NR4A2_Medium	chr15	77823343	77823743	Promoter (2-3kb)	15	77615833	77820900	-2443	ENSG00000169783	LINGO1
NR4A2_Medium	chr15	77825666	77826066	Promoter (4-5kb)	15	77615833	77820900	-4766	ENSG00000169783	LINGO1
NR4A2_Medium	chr15	78493312	78493712	Promoter (<=1kb)	15	78494210	78497338	-498	ENSG00000136381	IREB2
NR4A2_Medium	chr15	78618318	78618718	Promoter (<=1kb)	15	78618630	78619278	560	ENSG00000080644	CHRNA3
NR4A2_Medium	chr15	78868487	78868887	Promoter (3-4kb)	15	78872814	78898133	-3927	ENSG00000185778	MORF4L1
NR4A2_Medium	chr15	79091819	79092219	Promoter (1-2kb)	15	78959947	79090773	-1046	ENSG00000058335	RASGRF1
NR4A2_Medium	chr15	79203625	79204025	Promoter (5-6kb)	15	79209788	79209871	-5763	ENSG00000207695	MIR184
NR4A2_Medium	chr15	80331974	80332374	Promoter (9-10kb)	15	80320999	80341767	9393	ENSG00000259361	LINC00927
NR4A2_Medium	chr15	80396626	80397026	Promoter (7-8kb)	15	80404350	80475580	-7324	ENSG00000172379	ARNT2
NR4A2_Medium	chr15	80550505	80550905	Promoter (<=1kb)	15	80551104	80574184	-199	ENSG00000172379	ARNT2
NR4A2_Medium	chr15	83208883	83209283	Promoter (1-2kb)	15	83127753	83207823	-1060	ENSG00000166503	HDGFL3
NR4A2_Medium	chr15	84660246	84660646	Promoter (1-2kb)	15	84655129	84658563	-1683	ENSG00000197696	NMB
NR4A2_Medium	chr15	85388320	85388720	Promoter (7-8kb)	15	85380756	85521508	7564	ENSG00000170776	AKAP13
NR4A2_Medium	chr15	85789269	85789669	Promoter (5-6kb)	15	85760617	85794918	5249	ENSG00000183655	KLHL25
NR4A2_Medium	chr15	85799352	85799752	Promoter (4-5kb)	15	85759326	85794925	-4427	ENSG00000183655	KLHL25
NR4A2_Medium	chr15	85801498	85801898	Promoter (6-7kb)	15	85759326	85794925	-6573	ENSG00000183655	KLHL25
NR4A2_Medium	chr15	85819284	85819684	Promoter (5-6kb)	15	85825635	85825730	-5951	ENSG00000264406	MIR548AP
NR4A2_Medium	chr15	86143622	86144022	Promoter (1-2kb)	15	86142011	86674452	1611	ENSG00000273540	AGBL1
NR4A2_Medium	chr15	87949646	87950046	Promoter (8-9kb)	15	87931082	87940735	-8911	ENSG00000140538	NTRK3
NR4A2_Medium	chr15	88137157	88137557	Promoter (<=1kb)	15	88131969	88136478	-679	ENSG00000140538	NTRK3
NR4A2_Medium	chr15	88478589	88478989	Promoter (1-2kb)	15	88476725	88478267	1864	ENSG00000181991	MRPS11
NR4A2_Medium	chr15	89191442	89191842	Promoter (6-7kb)	15	89185415	89193453	6027	ENSG00000140526	ABHD2
NR4A2_Medium	chr15	89474943	89475343	Promoter (4-5kb)	15	89471445	89479430	4087	ENSG00000140519	RHCG
NR4A2_Medium	chr15	89746946	89747346	Promoter (3-4kb)	15	89749891	89751137	3791	ENSG00000166823	MESP1
NR4A2_Medium	chr15	89805203	89805603	Promoter (<=1kb)	15	89804277	89805372	0	ENSG00000166825	ANPEP
NR4A2_Medium	chr15	89819020	89819420	Promoter (3-4kb)	15	89806273	89815401	-3619	ENSG00000166825	ANPEP
NR4A2_Medium	chr15	90165119	90165519	Promoter (4-5kb)	15	90160604	90217786	4515	ENSG00000185033	SEMA4B
NR4A2_Medium	chr15	90182700	90183100	Promoter (1-2kb)	15	90184918	90219843	-1818	ENSG00000185033	SEMA4B
NR4A2_Medium	chr15	90195703	90196103	Promoter (3-4kb)	15	90191928	90217810	3775	ENSG00000185033	SEMA4B
NR4A2_Medium	chr15	90669942	90670342	Promoter (9-10kb)	15	90660739	90664686	9203	ENSG00000245479	LINC01585
NR4A2_Medium	chr15	90808929	90809329	Promoter (<=1kb)	15	90808771	90815629	158	ENSG00000197299	BLM
NR4A2_Medium	chr15	91224118	91224518	Promoter (1-2kb)	15	91225870	91301308	-1352	ENSG00000185518	SV2B
NR4A2_Medium	chr15	92116392	92116792	Promoter (9-10kb)	15	92126184	92171847	-9392	ENSG00000176463	SLCO3A1
NR4A2_Medium	chr15	92571766	92572166	Promoter (<=1kb)	15	92567820	92571697	-69	NA	LINC00930
NR4A2_Medium	chr15	92907796	92908196	Promoter (3-4kb)	15	92904473	92949231	3323	ENSG00000173575	CHD2
NR4A2_Medium	chr15	93887696	93888096	Promoter (6-7kb)	15	93894431	93973720	-6335	ENSG00000258785	LINC01580
NR4A2_Medium	chr15	97866521	97866921	Promoter (7-8kb)	15	97838814	97874005	7084	ENSG00000251209	LINC00923
NR4A2_Medium	chr15	97876562	97876962	Promoter (<=1kb)	15	97873321	97875650	-912	ENSG00000251209	LINC00923
NR4A2_Medium	chr15	98002048	98002448	Promoter (<=1kb)	15	98003038	98022009	-590	ENSG00000258483	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr16	902508	902908	Promoter (9–10kb)	16	870874	893252	-9256	ENSG00000103227	LMF1
NR4A2_Medium	chr16	1213939	1214339	Promoter (3–4kb)	16	1210608	1211448	3331	ENSG00000196557	CACNA1H
NR4A2_Medium	chr16	1218384	1218997	Promoter (5–6kb)	16	1222659	1224775	5778	ENSG00000116176	TPSG1
NR4A2_Medium	chr16	1339675	1340075	Promoter (3–4kb)	16	1343318	1345073	-3243	ENSG00000007516	BAIAP3
NR4A2_Medium	chr16	1611861	1612261	Promoter (<=1kb)	16	1510427	1612072	0	ENSG00000187535	IFT140
NR4A2_Medium	chr16	1698795	1699195	Promoter (6–7kb)	16	1706183	1770317	-6988	ENSG00000138834	MAPK8IP3
NR4A2_Medium	chr16	1746922	1747322	Promoter (<=1kb)	16	1747068	1748800	0	ENSG00000138834	MAPK8IP3
NR4A2_Medium	chr16	1833247	1833647	Promoter (6–7kb)	16	1827220	1838126	6027	ENSG00000180185	FAHD1
NR4A2_Medium	chr16	1971285	1971685	Promoter (<=1kb)	16	1972053	1982929	-368	ENSG00000183751	TBL3
NR4A2_Medium	chr16	2261359	2261759	Promoter (2–3kb)	16	2253126	2264331	2572	ENSG00000205937	RNPS1
NR4A2_Medium	chr16	3041968	3042368	Promoter (4–5kb)	16	3046561	3060726	-4193	ENSG00000008516	MMP25
NR4A2_Medium	chr16	3261203	3261603	Promoter (2–3kb)	16	3263743	3267567	-2140	ENSG00000281005	LINC00921
NR4A2_Medium	chr16	3551161	3551561	Promoter (5–6kb)	16	3548135	3556994	5433	ENSG00000167984	NLRC3
NR4A2_Medium	chr16	3870957	3871357	Promoter (8–9kb)	16	3727539	3880120	8763	ENSG00000005339	CREBBP
NR4A2_Medium	chr16	4698074	4698474	Promoter (<=1kb)	16	4698143	4699195	721	ENSG00000168096	ANKS3
NR4A2_Medium	chr16	4732745	4733145	Promoter (<=1kb)	16	4714156	4734127	982	ENSG00000168096	ANKS3
NR4A2_Medium	chr16	4939769	4940169	Promoter (2–3kb)	16	4882507	4937148	-2621	ENSG00000118898	PPL
NR4A2_Medium	chr16	4952664	4953064	Promoter (5–6kb)	16	4958330	5019157	-5266	ENSG00000103184	SEC14L5
NR4A2_Medium	chr16	4965986	4966386	Promoter (5–6kb)	16	4883572	4960741	-5245	ENSG00000118898	PPL
NR4A2_Medium	chr16	5029512	5029912	Promoter (<=1kb)	16	5024872	5030158	246	ENSG00000103174	NAGPA
NR4A2_Medium	chr16	5038087	5038487	Promoter (3–4kb)	16	5031843	5034141	-3946	ENSG00000103174	NAGPA
NR4A2_Medium	chr16	5248646	5249046	Promoter (8–9kb)	16	5239802	7711458	8844	ENSG00000078328	RBFOX1
NR4A2_Medium	chr16	5623731	5624131	Promoter (7–8kb)	16	5609911	5616373	-7358	NA	LINC01570
NR4A2_Medium	chr16	6772771	6773171	Promoter (<=1kb)	16	6773809	7710844	-638	ENSG00000078328	RBFOX1
NR4A2_Medium	chr16	7655232	7655632	Promoter (1–2kb)	16	7653866	7710819	1366	ENSG00000078328	RBFOX1
NR4A2_Medium	chr16	8580005	8580405	Promoter (7–8kb)	16	8569706	8572302	-7703	ENSG00000232258	TMEM114
NR4A2_Medium	chr16	8749309	8749709	Promoter (3–4kb)	16	8746002	8760429	3307	ENSG00000183044	ABAT
NR4A2_Medium	chr16	8766293	8766693	Promoter (<=1kb)	16	8765785	8768846	508	ENSG00000183044	ABAT
NR4A2_Medium	chr16	10380077	10380477	Promoter (5–6kb)	16	10386055	10430672	-5578	ENSG00000166669	ATF7IP2
NR4A2_Medium	chr16	10432513	10432913	Promoter (1–2kb)	16	10430595	10483637	1918	ENSG00000166669	ATF7IP2
NR4A2_Medium	chr16	10763586	10763986	Promoter (1–2kb)	16	10765024	10769313	-1038	ENSG00000103274	NUBP1
NR4A2_Medium	chr16	11384157	11384557	Promoter (<=1kb)	16	11359845	11383705	-452	ENSG00000188897	LOC400499
NR4A2_Medium	chr16	11819287	11819687	Promoter (9–10kb)	16	11819850	11828811	9124	ENSG00000262117	BCAR4
NR4A2_Medium	chr16	12728523	12728923	Promoter (8–9kb)	16	12720321	12720371	8202	ENSG00000264733	MIR4718
NR4A2_Medium	chr16	18921021	18921421	Promoter (4–5kb)	16	18890889	18925750	4329	ENSG00000157106	SMG1
NR4A2_Medium	chr16	18986102	18986502	Promoter (1–2kb)	16	18984287	19063942	1815	ENSG00000170537	TMC7
NR4A2_Medium	chr16	19064554	19064954	Promoter (2–3kb)	16	19062754	19067424	2470	ENSG00000261465	LOC102723385
NR4A2_Medium	chr16	19311448	19311848	Promoter (6–7kb)	16	19304881	19310947	6567	ENSG00000261210	CLEC19A
NR4A2_Medium	chr16	19413400	19413800	Promoter (2–3kb)	16	19410735	19499113	2665	ENSG00000103534	TMC5
NR4A2_Medium	chr16	19888038	19888438	Promoter (1–2kb)	16	19858971	19886167	-1871	ENSG00000167191	GPRC5B
NR4A2_Medium	chr16	20070935	20071335	Promoter (2–3kb)	16	20031659	20073767	2432	ENSG00000180269	GPR139
NR4A2_Medium	chr16	20360346	20360746	Promoter (4–5kb)	16	20333069	20356301	-4045	ENSG00000169344	UMOD
NR4A2_Medium	chr16	20614622	20615022	Promoter (4–5kb)	16	20610243	20775920	4379	ENSG00000005187	ACSM3
NR4A2_Medium	chr16	20740834	20741234	Promoter (<=1kb)	16	20737089	20741803	569	ENSG00000066654	THUMPD1
NR4A2_Medium	chr16	21658698	21659098	Promoter (4–5kb)	16	21663971	21760729	-4873	ENSG00000155719	OTOA
NR4A2_Medium	chr16	23150368	23150768	Promoter (1–2kb)	16	23061406	23149270	-1098	ENSG00000103404	USP31
NR4A2_Medium	chr16	23181580	23181980	Promoter (<=1kb)	16	23182745	23216883	-765	ENSG00000166828	SCNN1G
NR4A2_Medium	chr16	23274698	23275098	Promoter (3–4kb)	16	23278231	23352913	-3133	ENSG00000168447	SCNN1B
NR4A2_Medium	chr16	23356858	23357258	Promoter (1–2kb)	16	23355417	23372183	1441	ENSG00000168447	SCNN1B
NR4A2_Medium	chr16	23400409	23400809	Promoter (6–7kb)	16	23388641	23393581	-6828	ENSG00000168434	COG7
NR4A2_Medium	chr16	23652543	23652943	Promoter (9–10kb)	16	23642587	23665701	9956	ENSG00000166847	DCTN5
NR4A2_Medium	chr16	23697597	23697997	Promoter (2–3kb)	16	23690638	23694760	-2837	ENSG00000134398	ERN2
NR4A2_Medium	chr16	25880013	25880413	Promoter (6–7kb)	16	25886746	26136207	-6333	ENSG00000182601	HS3ST4
NR4A2_Medium	chr16	25894962	25895362	Promoter (8–9kb)	16	25886746	26136207	8216	ENSG00000182601	HS3ST4
NR4A2_Medium	chr16	27249967	27250367	Promoter (7–8kb)	16	27233070	27258151	7784	ENSG00000169189	NSMCE1
NR4A2_Medium	chr16	27252374	27252774	Promoter (5–6kb)	16	27233070	27258151	5377	ENSG00000169189	NSMCE1
NR4A2_Medium	chr16	27286257	27286657	Promoter (<=1kb)	16	27286657	27290492	0	ENSG00000245888	NSMCE1-DT
NR4A2_Medium	chr16	27335523	27335923	Promoter (4–5kb)	16	27340204	27341200	-4281	ENSG00000077238	IL4R
NR4A2_Medium	chr16	27462097	27462497	Promoter (3–4kb)	16	27461296	27466327	3830	ENSG00000077235	GTF3C1
NR4A2_Medium	chr16	27625795	27626195	Promoter (2–3kb)	16	27628588	27654698	-2393	ENSG00000047578	KATNIP
NR4A2_Medium	chr16	28294280	28294680	Promoter (1–2kb)	16	28292525	28323849	1755	ENSG00000188322	SBK1
NR4A2_Medium	chr16	28949821	28950221	Promoter (<=1kb)	16	28950807	28965698	-586	ENSG00000176953	NFATC2IP
NR4A2_Medium	chr16	29308854	29309254	Promoter (3–4kb)	16	29312350	29331277	-3096	NA	SNX29P2
NR4A2_Medium	chr16	29755427	29755827	Promoter (9–10kb)	16	29742463	29745990	-9437	ENSG00000185905	C16orf54
NR4A2_Medium	chr16	29938381	29938781	Promoter (2–3kb)	16	29940885	29973050	-2104	ENSG00000149932	TMEM219
NR4A2_Medium	chr16	30414645	30415045	Promoter (4–5kb)	16	30419625	30419759	4714	ENSG00000199787	SNORA80C
NR4A2_Medium	chr16	30420762	30421162	Promoter (1–2kb)	16	30419625	30419759	-1003	ENSG00000199787	SNORA80C
NR4A2_Medium	chr16	30472516	30472916	Promoter (<=1kb)	16	30472719	30474607	0	ENSG00000005844	ITGAL
NR4A2_Medium	chr16	30506764	30507164	Promoter (1–2kb)	16	30504872	30506772	1892	ENSG00000005844	ITGAL
NR4A2_Medium	chr16	30567416	30567816	Promoter (3–4kb)	16	30570220	30571320	3504	ENSG00000229809	ZNF688
NR4A2_Medium	chr16	30580853	30581253	Promoter (4–5kb)	16	30583129	30585497	4244	ENSG00000197162	ZNF785
NR4A2_Medium	chr16	30610205	30610605	Promoter (<=1kb)	16	30602558	30610389	0	ENSG00000156853	ZNF689
NR4A2_Medium	chr16	30689438	30689838	Promoter (8–9kb)	16	30698209	30704309	-8371	ENSG00000080603	SRCAP
NR4A2_Medium	chr16	30785331	30785731	Promoter (1–2kb)	16	30778456	30787205	1474	ENSG00000102870	ZNF629
NR4A2_Medium	chr16	30998960	30999360	Promoter (1–2kb)	16	30996199	30997044	-1916	ENSG00000099365	STX1B
NR4A2_Medium	chr16	31131094	31131494	Promoter (<=1kb)	16	31130456	31131359	638	ENSG00000103510	KAT8
NR4A2_Medium	chr16	31133270	31133670	Promoter (1–2kb)	16	31132439	31135640	1970	ENSG000000052344	PRSS8
NR4A2_Medium	chr16	31205339	31205739	Promoter (1–2kb)	16	31202194	31203450	-1889	ENSG00000103490	PYCARD
NR4A2_Medium	chr16	31268664	31269064	Promoter (2–3kb)	16	31271885	31273684	-2821	ENSG00000169896	ITGAM
NR4A2_Medium	chr16	31328412	31329045	Promoter (<=1kb)	16	31329002	31330052	0	ENSG00000169896	ITGAM
NR4A2_Medium	chr16	31428421	31428821	Promoter (<=1kb)	16	31427731	31428360	-61	ENSG00000156885	COX6A2
NR4A2_Medium	chr16	31693692	31694092	Promoter (6–7kb)	16	31700590	31707437	-6498	ENSG00000131797	CLUHP3
NR4A2_Medium	chr16	33337958	33338400	Promoter (7–8kb)	16	33206431	33330342	-7616	NA	LOC105369266
NR4A2_Medium	chr16	35742189	35742589	Promoter (<=1kb)	16	35743268	35755626	-679	ENSG00000261122	LINC02167
NR4A2_Medium	chr16	46770311	46770711	Promoter (7–8kb)	16	46707666	46763246	-7065	ENSG00000140795	MYLK3
NR4A2_Medium	chr16	46915300	46915781	Promoter (<=1kb)	16	46915298	46929007	2	ENSG00000166123	GPT2
NR4A2_Medium	chr16	46918456	46918856	Promoter (3–4kb)	16	46915298	46929007	3158	ENSG00000166123	GPT2
NR4A2_Medium	chr16	47593155	47593555	Promoter (<=1kb)	16	47594150	47598036	-595	ENSG00000102893	PHKB
NR4A2_Medium	chr16	47854369	47854911	Promoter (3–4kb)	16	47858579	47908431	-3668	ENSG00000261231	LINC02133
NR4A2_Medium	chr16	48114292	48114692	Promoter (<=1kb)	16	48111448	48115433	741	ENSG00000140798	ABCC12
NR4A2_Medium	chr16	48180069	48180469	Promoter (6–7kb)	16	48166910	48187390	6921	ENSG00000121270	ABCC11
NR4A2_Medium	chr16	48219427	48219827	Promoter (3–4kb)	16	48215232	48223707	3880	ENSG00000121270	ABCC11
NR4A2_Medium	chr16	49373913	49374313	Promoter (<=1kb)	16	49373804	49399431	109	ENSG00000166152	C16orf78
NR4A2_Medium	chr16	49380998	49381398	Promoter (7–8kb)	16	49373804	49399431	7194	ENSG00000166152	C16orf78
NR4A2_Medium	chr16	49640190	49640590	Promoter (<=1kb)	16	49490951	49640852	262	ENSG00000102935	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr16	57014750	57015150	Promoter (1-2kb)	16	57017074	57083524	-1924	ENSG00000140853	NLRC5
NR4A2_Medium	chr16	57070535	57070935	Promoter (<=1kb)	16	57069877	57077369	658	ENSG00000140853	NLRC5
NR4A2_Medium	chr16	57579641	57580041	Promoter (4-5kb)	16	57574816	57591681	4825	ENSG00000159618	ADGRG5
NR4A2_Medium	chr16	57705903	57706343	Promoter (<=1kb)	16	57704907	57707861	996	ENSG00000159625	DRC7
NR4A2_Medium	chr16	57728991	57729391	Promoter (3-4kb)	16	57725474	57731453	3517	ENSG00000159625	DRC7
NR4A2_Medium	chr16	57758433	57758833	Promoter (2-3kb)	16	57758320	57760945	2112	ENSG00000140859	KIFC3
NR4A2_Medium	chr16	57762724	57763124	Promoter (1-2kb)	16	57759753	57764389	1265	ENSG00000140859	KIFC3
NR4A2_Medium	chr16	57915601	57916001	Promoter (3-4kb)	16	57897856	57911901	-3700	ENSG00000070729	CNGB1
NR4A2_Medium	chr16	58028544	58028944	Promoter (2-3kb)	16	58025754	58046901	2790	ENSG00000102996	MMP15
NR4A2_Medium	chr16	58031511	58031911	Promoter (5-6kb)	16	58025754	58046901	5757	ENSG00000102996	MMP15
NR4A2_Medium	chr16	58503996	58504396	Promoter (<=1kb)	16	58503833	58507819	163	ENSG00000103034	NDRG4
NR4A2_Medium	chr16	65068034	65068434	Promoter (3-4kb)	16	65004766	65072213	3779	ENSG00000140937	CDH11
NR4A2_Medium	chr16	66466876	66467276	Promoter (2-3kb)	16	66469714	66485503	-2438	ENSG00000166546	BEAN1
NR4A2_Medium	chr16	66474390	66474790	Promoter (1-2kb)	16	66469796	66475867	1077	ENSG00000261656	BEAN1-AS1
NR4A2_Medium	chr16	66495035	66495435	Promoter (9-10kb)	16	66485804	66493214	9231	ENSG00000166546	BEAN1
NR4A2_Medium	chr16	66592130	66592530	Promoter (5-6kb)	16	66586909	66588275	5221	ENSG00000140932	CMTM2
NR4A2_Medium	chr16	66882441	66882841	Promoter (1-2kb)	16	66880607	66885011	1834	ENSG00000172840	PDP2
NR4A2_Medium	chr16	67288054	67288454	Promoter (<=1kb)	16	67287950	67289072	104	ENSG00000196155	PLEKHG4
NR4A2_Medium	chr16	67332150	67332550	Promoter (5-6kb)	16	67326980	67347591	5170	ENSG00000159708	LRRC36
NR4A2_Medium	chr16	67626947	67627347	Promoter (<=1kb)	16	67626509	67639130	438	ENSG00000102974	CTCF
NR4A2_Medium	chr16	67627739	67628139	Promoter (1-2kb)	16	67626509	67639130	1230	ENSG00000102974	CTCF
NR4A2_Medium	chr16	68023362	68023762	Promoter (<=1kb)	16	68021274	68023442	0	ENSG00000182810	DDX28
NR4A2_Medium	chr16	68284792	68285192	Promoter (2-3kb)	16	68287760	68294907	-2568	ENSG00000103064	SLC7A6
NR4A2_Medium	chr16	69327503	69327903	Promoter (2-3kb)	16	69326913	69330588	2685	ENSG00000258429	PDF
NR4A2_Medium	chr16	70132671	70133071	Promoter (<=1kb)	16	70131933	70156859	738	ENSG00000090857	PDPR
NR4A2_Medium	chr16	70133520	70133920	Promoter (1-2kb)	16	70131933	70156859	1587	ENSG00000090857	PDPR
NR4A2_Medium	chr16	70257929	70258329	Promoter (<=1kb)	16	70253456	70258215	0	ENSG00000090861	AARS1
NR4A2_Medium	chr16	70269156	70269556	Promoter (1-2kb)	16	70259036	70267796	-1360	ENSG00000090861	AARS1
NR4A2_Medium	chr16	70303506	70303906	Promoter (4-5kb)	16	70299334	70317942	4172	ENSG00000157349	DDX19B
NR4A2_Medium	chr16	70357335	70357735	Promoter (<=1kb)	16	70356861	70372329	474	ENSG00000168872	DDX19A
NR4A2_Medium	chr16	70412720	70413120	Promoter (9-10kb)	16	70399083	70423073	9953	ENSG00000157350	ST3GAL2
NR4A2_Medium	chr16	70447504	70447904	Promoter (6-7kb)	16	70454595	70466206	-6691	ENSG00000157353	FCSK
NR4A2_Medium	chr16	70482944	70483344	Promoter (<=1kb)	16	70480867	70482794	-150	ENSG00000103051	COG4
NR4A2_Medium	chr16	70644891	70645291	Promoter (1-2kb)	16	70646563	70656671	-1272	ENSG00000157368	IL34
NR4A2_Medium	chr16	71513471	71513871	Promoter (<=1kb)	16	71513863	71517849	0	ENSG00000260520	LOC105371335
NR4A2_Medium	chr16	71573979	71574379	Promoter (2-3kb)	16	71565660	71577092	2713	ENSG00000198650	TAT
NR4A2_Medium	chr16	71699511	71699911	Promoter (<=1kb)	16	71698567	71698701	-810	ENSG00000263666	SNORA70D
NR4A2_Medium	chr16	71811725	71812125	Promoter (2-3kb)	16	71732385	71809201	-2524	ENSG00000166747	AP1G1
NR4A2_Medium	chr16	71891885	71892285	Promoter (1-2kb)	16	71890569	71927890	1316	ENSG00000182149	IST1
NR4A2_Medium	chr16	74697911	74698311	Promoter (2-3kb)	16	74671855	74700790	2479	ENSG00000168404	MLKL
NR4A2_Medium	chr16	74765822	74766222	Promoter (8-9kb)	16	74712969	74774820	8598	ENSG00000103089	FA2H
NR4A2_Medium	chr16	75313516	75313916	Promoter (6-7kb)	16	75293698	75306545	-6971	ENSG00000153774	CFDP1
NR4A2_Medium	chr16	77712775	77713175	Promoter (9-10kb)	16	77722492	77742260	-9317	ENSG00000140876	NUDT7
NR4A2_Medium	chr16	78414684	78415084	Promoter (9-10kb)	16	78424871	78432752	-9787	ENSG00000186153	VWOX
NR4A2_Medium	chr16	80575989	80576389	Promoter (3-4kb)	16	80567103	80572808	-3181	ENSG00000260737	LINC01227
NR4A2_Medium	chr16	80864057	80864457	Promoter (6-7kb)	16	80830494	80870520	6063	ENSG00000260896	ARLNC1
NR4A2_Medium	chr16	81116353	81116753	Promoter (2-3kb)	16	81110875	81113981	-2372	ENSG00000166473	PKD1L2
NR4A2_Medium	chr16	81614975	81615375	Promoter (3-4kb)	16	81611348	81611408	3627	ENSG00000275109	MIR6504
NR4A2_Medium	chr16	81744599	81744999	Promoter (5-6kb)	16	81739097	81859163	5502	ENSG00000197943	PLCG2
NR4A2_Medium	chr16	83507818	83508218	Promoter (<=1kb)	16	83508346	83508408	-128	ENSG00000263785	MIR3182
NR4A2_Medium	chr16	84186033	84186433	Promoter (<=1kb)	16	84177877	84186981	548	ENSG00000103168	TAF1C
NR4A2_Medium	chr16	84365184	84365584	Promoter (2-3kb)	16	84368527	84464178	-2943	ENSG00000064270	ATP2C2
NR4A2_Medium	chr16	84376108	84376508	Promoter (7-8kb)	16	84368527	84464187	7581	ENSG00000064270	ATP2C2
NR4A2_Medium	chr16	84397471	84397871	Promoter (6-7kb)	16	84404427	84464000	-6556	ENSG00000064270	ATP2C2
NR4A2_Medium	chr16	85651877	85652277	Promoter (2-3kb)	16	85654432	85676204	-2155	ENSG00000131149	GSE1
NR4A2_Medium	chr16	85716376	85716776	Promoter (5-6kb)	16	85707517	85710850	-5526	ENSG00000154102	C16orf74
NR4A2_Medium	chr16	86295130	86295530	Promoter (5-6kb)	16	86225580	86301303	5773	NA	LINC01081
NR4A2_Medium	chr16	86557698	86558098	Promoter (2-3kb)	16	86555320	86557299	2378	ENSG00000280278	FLJ30679
NR4A2_Medium	chr16	87052551	87052951	Promoter (4-5kb)	16	87057784	87063991	-4833	ENSG00000232190	LINC02181
NR4A2_Medium	chr16	87210137	87210537	Promoter (1-2kb)	16	87212122	87226430	-1585	ENSG00000261095	LOC101928708
NR4A2_Medium	chr16	87343826	87344226	Promoter (9-10kb)	16	87302876	87334273	-9553	ENSG00000260456	C16orf95
NR4A2_Medium	chr16	87438642	87439042	Promoter (5-6kb)	16	87411412	87433134	-5508	ENSG00000140948	ZCCHC14
NR4A2_Medium	chr16	87502228	87502628	Promoter (8-9kb)	16	87494187	87515635	8041	ENSG00000288568	LOC101928737
NR4A2_Medium	chr16	87700473	87700873	Promoter (7-8kb)	16	87703026	87708387	7514	ENSG00000104731	KLHDC4
NR4A2_Medium	chr16	87718676	87719076	Promoter (7-8kb)	16	87707816	87710877	-7799	ENSG00000104731	KLHDC4
NR4A2_Medium	chr16	87938165	87938565	Promoter (1-2kb)	16	87881549	87936580	-1585	ENSG00000174990	CA5A
NR4A2_Medium	chr16	88015232	88015632	Promoter (1-2kb)	16	88017190	88033219	-1558	ENSG00000172530	BANP
NR4A2_Medium	chr16	88037904	88038304	Promoter (<=1kb)	16	88037273	88072130	631	ENSG00000172530	BANP
NR4A2_Medium	chr16	88103618	88104018	Promoter (2-3kb)	16	88099409	88100985	-2633	ENSG00000205037	LOC400553
NR4A2_Medium	chr16	88192859	88193259	Promoter (1-2kb)	16	88194281	88195217	-1022	ENSG00000260420	LINC02182
NR4A2_Medium	chr16	88460680	88461080	Promoter (7-8kb)	16	88453627	88516646	7053	ENSG00000179588	ZFPM1
NR4A2_Medium	chr16	88521436	88521836	Promoter (9-10kb)	16	88512960	88531053	9217	ENSG00000261744	LOC100128882
NR4A2_Medium	chr16	88726282	88726682	Promoter (<=1kb)	16	88722982	88726344	0	ENSG00000103335	PIEZO1
NR4A2_Medium	chr16	88824114	88824514	Promoter (2-3kb)	16	88824789	88827116	2602	ENSG00000141012	GALNS
NR4A2_Medium	chr16	88889028	88889428	Promoter (5-6kb)	16	88883272	88887136	5756	ENSG00000259881	LOC101927793
NR4A2_Medium	chr16	89132480	89132880	Promoter (3-4kb)	16	89136548	89155846	-3668	ENSG00000176715	ACSF3
NR4A2_Medium	chr16	89293598	89293998	Promoter (2-3kb)	16	89296128	89298316	-2130	ENSG00000260279	LOC105371414
NR4A2_Medium	chr16	89313904	89314304	Promoter (<=1kb)	16	89300645	89313585	-319	ENSG00000167522	ANKRD11
NR4A2_Medium	chr16	89316442	89316842	Promoter (<=1kb)	16	89300120	89316998	156	ENSG00000167522	ANKRD11
NR4A2_Medium	chr16	89325469	89325869	Promoter (2-3kb)	16	89323224	89324923	2245	ENSG00000261253	LOC100287036
NR4A2_Medium	chr16	89482985	89483385	Promoter (5-6kb)	16	89291728	89489193	5808	ENSG00000167522	ANKRD11
NR4A2_Medium	chr16	89651622	89652022	Promoter (2-3kb)	16	89645836	89649593	-2029	ENSG00000131165	CHMP1A
NR4A2_Medium	chr16	89763889	89764289	Promoter (<=1kb)	16	89748764	89764947	658	ENSG00000187741	FANCA
NR4A2_Medium	chr16	89784208	89784608	Promoter (4-5kb)	16	89773320	89779957	-4251	ENSG00000187741	FANCA
NR4A2_Medium	chr16	89906547	89906947	Promoter (<=1kb)	16	89906157	89918233	390	ENSG00000141002	TCF25
NR4A2_Medium	chr16	89907836	89908236	Promoter (<=1kb)	16	89908966	89911379	-730	ENSG00000141002	TCF25
NR4A2_Medium	chr16	90032465	90032865	Promoter (2-3kb)	16	90028908	90029901	-2564	ENSG00000221819	GAS8-AS1
NR4A2_Medium	chr17	866498	866898	Promoter (2-3kb)	17	799313	864111	-2387	ENSG00000167693	NXN
NR4A2_Medium	chr17	1283846	1284246	Promoter (4-5kb)	17	1279662	1300978	4184	ENSG00000184811	TRARG1
NR4A2_Medium	chr17	1849502	1849902	Promoter (5-6kb)	17	1843920	1854274	5582	ENSG00000132383	RPA1
NR4A2_Medium	chr17	2043612	2044012	Promoter (1-2kb)	17	2042022	2043425	1590	ENSG00000262664	OVCA2
NR4A2_Medium	chr17	2231132	2231532	Promoter (1-2kb)	17	2232680	2233610	-1148	ENSG00000225084	LOC101927839
NR4A2_Medium	chr17	2323711	2324111	Promoter (5-6kb)	17	2329119	2329213	5102	NA	SNORD91B
NR4A2_Medium	chr17	2677141	2677541	Promoter (2-3kb)	17	2679687	2681744	-2146	ENSG00000	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr17	5337979	5338379	Promoter (5-6kb)	17	5332055	5336689	5924	ENSG00000029725	RABEP1
NR4A2_Medium	chr17	5384082	5384482	Promoter (2-3kb)	17	5386104	5387132	2650	ENSG00000108559	NUP88
NR4A2_Medium	chr17	6560511	6560911	Promoter (3-4kb)	17	6451263	6556555	-3956	ENSG00000091622	PITPNM3
NR4A2_Medium	chr17	6564310	6564710	Promoter (7-8kb)	17	6451263	6556555	-7755	ENSG00000091622	PITPNM3
NR4A2_Medium	chr17	6839985	6840385	Promoter (8-9kb)	17	6799661	6831761	-8224	ENSG00000167858	TEKT1
NR4A2_Medium	chr17	7195408	7195808	Promoter (1-2kb)	17	7190798	7196809	1001	ENSG00000132535	DLG4
NR4A2_Medium	chr17	7234474	7234874	Promoter (<=1kb)	17	7225342	7234517	0	ENSG0000004975	DVL2
NR4A2_Medium	chr17	7552703	7553103	Promoter (2-3kb)	17	7549778	7557574	2925	ENSG00000239697	TNFSF12
NR4A2_Medium	chr17	7845065	7845465	Promoter (<=1kb)	17	7844915	7847571	150	ENSG00000132510	KDM6B
NR4A2_Medium	chr17	7925150	7925550	Promoter (<=1kb)	17	7923456	7925975	425	ENSG00000170049	KCNAB3
NR4A2_Medium	chr17	8031570	8031970	Promoter (7-8kb)	17	8039034	8048844	-7064	ENSG00000179593	ALOX15B
NR4A2_Medium	chr17	8116935	8117335	Promoter (1-2kb)	17	8095900	8118489	1154	ENSG00000179148	ALOXE3
NR4A2_Medium	chr17	8538304	8538704	Promoter (6-7kb)	17	8542050	8545533	6829	ENSG00000133026	MYH10
NR4A2_Medium	chr17	8596430	8596830	Promoter (8-9kb)	17	8553928	8604893	8063	ENSG00000133026	MYH10
NR4A2_Medium	chr17	8613092	8613492	Promoter (8-9kb)	17	8553928	8604893	-8199	ENSG00000133026	MYH10
NR4A2_Medium	chr17	8736800	8737200	Promoter (7-8kb)	17	8729950	8744787	7587	ENSG00000161973	CCDC42
NR4A2_Medium	chr17	9020049	9020449	Promoter (1-2kb)	17	9021510	9244000	-1061	ENSG00000065320	NTN1
NR4A2_Medium	chr17	9643946	9644346	Promoter (<=1kb)	17	9644698	9729101	-352	ENSG00000154914	USP43
NR4A2_Medium	chr17	9658868	9659268	Promoter (2-3kb)	17	9656436	9729684	2432	ENSG00000154914	USP43
NR4A2_Medium	chr17	10372981	10373381	Promoter (<=1kb)	17	10300865	10373006	0	ENSG00000006788	MYH13
NR4A2_Medium	chr17	10385744	10386144	Promoter (2-3kb)	17	10383156	10535231	2588	NA	MYHAS
NR4A2_Medium	chr17	10419466	10419866	Promoter (2-3kb)	17	10390322	10421950	2084	ENSG00000133020	MYH8
NR4A2_Medium	chr17	10759351	10759751	Promoter (6-7kb)	17	10766677	10769071	-6926	ENSG00000263400	TMEM220-AS1
NR4A2_Medium	chr17	10846630	10847036	Promoter (8-9kb)	17	10794906	10838094	-8536	ENSG00000263429	TMEM238L
NR4A2_Medium	chr17	13025834	13026234	Promoter (7-8kb)	17	13011693	13018065	-7769	ENSG00000006744	ELAC2
NR4A2_Medium	chr17	13598204	13598604	Promoter (3-4kb)	17	13494032	13601929	3325	ENSG00000153976	HS3ST3A1
NR4A2_Medium	chr17	15317918	15318318	Promoter (9-10kb)	17	15303811	15308863	-9055	ENSG00000125409	TEKT3
NR4A2_Medium	chr17	15685030	15685430	Promoter (<=1kb)	17	15682854	15684311	-719	ENSG00000221926	TRIM16
NR4A2_Medium	chr17	16320083	16320483	Promoter (2-3kb)	17	16317391	16325904	2692	ENSG00000108474	PIGL
NR4A2_Medium	chr17	16932565	16932965	Promoter (<=1kb)	17	16929281	16932792	0	NA	TBC1D27P
NR4A2_Medium	chr17	16965933	16966333	Promoter (5-6kb)	17	16940506	16972078	5745	ENSG00000240505	TNFRSF13B
NR4A2_Medium	chr17	17346660	17347320	Promoter (1-2kb)	17	17345269	17347152	1391	ENSG00000205309	NT5M
NR4A2_Medium	chr17	17525049	17525579	Promoter (5-6kb)	17	17505563	17519080	-5969	ENSG00000133027	PEMT
NR4A2_Medium	chr17	17581470	17581870	Promoter (<=1kb)	17	17505563	17582431	561	ENSG00000133027	PEMT
NR4A2_Medium	chr17	17864274	17864674	Promoter (1-2kb)	17	17861903	17862780	-1494	ENSG00000175662	TOM1L2
NR4A2_Medium	chr17	17972322	17972722	Promoter (<=1kb)	17	17843511	17972410	0	ENSG00000175662	TOM1L2
NR4A2_Medium	chr17	17991105	17991505	Promoter (1-2kb)	17	17992765	18016651	-1260	ENSG00000171962	DRC3
NR4A2_Medium	chr17	18000009	18000409	Promoter (5-6kb)	17	17994355	18004451	5654	ENSG00000171962	DRC3
NR4A2_Medium	chr17	18102100	18102500	Promoter (2-3kb)	17	18104560	18107941	-2060	ENSG00000108591	DRG2
NR4A2_Medium	chr17	18111281	18111681	Promoter (2-3kb)	17	18108756	18179800	2525	ENSG00000091536	MYO15A
NR4A2_Medium	chr17	18217694	18218094	Promoter (7-8kb)	17	18225635	18244875	-7541	ENSG00000131899	LLGL1
NR4A2_Medium	chr17	18875612	18876012	Promoter (6-7kb)	17	18882589	18930935	-6577	ENSG00000141127	PRPSAP2
NR4A2_Medium	chr17	18968098	18968498	Promoter (9-10kb)	17	18976931	18977888	9390	ENSG00000188522	FAM83G
NR4A2_Medium	chr17	19750289	19750689	Promoter (1-2kb)	17	19743232	19748943	-1346	ENSG00000108602	ALDH3A1
NR4A2_Medium	chr17	19966137	19966537	Promoter (8-9kb)	17	19947141	19958124	-8013	ENSG00000108599	AKAP10
NR4A2_Medium	chr17	20298702	20299102	Promoter (1-2kb)	17	20297034	20306173	1668	ENSG00000128487	SPECC1
NR4A2_Medium	chr17	20894394	20894794	Promoter (1-2kb)	17	20863478	20895953	1159	ENSG00000205212	CCDC144NL
NR4A2_Medium	chr17	22401758	22402158	Promoter (3-4kb)	17	22406019	22413744	-3861	ENSG00000276399	FLJ36000
NR4A2_Medium	chr17	27418149	27418549	Promoter (<=1kb)	17	27418005	27431623	144	ENSG00000266433	TBC1D3P5
NR4A2_Medium	chr17	27577401	27577801	Promoter (<=1kb)	17	27577456	27585960	0	ENSG00000141068	KSR1
NR4A2_Medium	chr17	27607154	27607554	Promoter (2-3kb)	17	27609843	27623694	-2289	ENSG00000141068	KSR1
NR4A2_Medium	chr17	27805639	27806039	Promoter (5-6kb)	17	27756766	27800529	-5110	ENSG00000007171	NOS2
NR4A2_Medium	chr17	28253205	28253605	Promoter (5-6kb)	17	28247444	28248289	5761	ENSG00000265060	PPY2P
NR4A2_Medium	chr17	28300358	28300758	Promoter (6-7kb)	17	28275986	28307382	6624	ENSG00000265480	KRT18P55
NR4A2_Medium	chr17	28340394	28340794	Promoter (<=1kb)	17	28340406	28342512	0	ENSG00000109079	TNFAIP1
NR4A2_Medium	chr17	28732551	28732951	Promoter (2-3kb)	17	28735278	28738245	-2327	ENSG00000160602	NEK8
NR4A2_Medium	chr17	28741552	28741952	Promoter (2-3kb)	17	28744005	28749577	-2053	ENSG00000076604	TRAF4
NR4A2_Medium	chr17	28959528	28959928	Promoter (1-2kb)	17	28960240	28960973	1045	ENSG00000063015	SEZ6
NR4A2_Medium	chr17	28974216	28974616	Promoter (6-7kb)	17	28954906	28981592	6976	ENSG00000063015	SEZ6
NR4A2_Medium	chr17	29044472	29044872	Promoter (<=1kb)	17	29044251	29055067	221	ENSG00000179761	PIPOX
NR4A2_Medium	chr17	29384210	29384610	Promoter (5-6kb)	17	29390464	29475703	-5854	ENSG00000160551	TAOK1
NR4A2_Medium	chr17	29757312	29757712	Promoter (3-4kb)	17	29673840	29761390	3678	ENSG00000141298	SSH2
NR4A2_Medium	chr17	30061436	30061836	Promoter (5-6kb)	17	30055895	30059883	5541	ENSG00000176927	EFCAB5
NR4A2_Medium	chr17	30576345	30576745	Promoter (<=1kb)	17	30576485	30600186	0	NA	SMURF2P1-LRRC37BP1
NR4A2_Medium	chr17	30710971	30711371	Promoter (1-2kb)	17	30709608	30768876	1363	NA	SUZ12P1
NR4A2_Medium	chr17	31055246	31055646	Promoter (3-4kb)	17	31041971	31059121	3475	NA	LOC646030
NR4A2_Medium	chr17	31092378	31092778	Promoter (1-2kb)	17	31094350	31094425	1647	ENSG00000265444	MIR4733
NR4A2_Medium	chr17	31494994	31495394	Promoter (6-7kb)	17	31488192	31521184	6802	ENSG00000131242	RAB11FIP4
NR4A2_Medium	chr17	31911090	31911490	Promoter (9-10kb)	17	31880181	31901708	-9382	ENSG00000108651	UTP6
NR4A2_Medium	chr17	32743159	32743559	Promoter (5-6kb)	17	32734725	32749005	5446	ENSG00000176658	MYO1D
NR4A2_Medium	chr17	32923969	32924369	Promoter (3-4kb)	17	32927910	32941613	-3541	ENSG00000006042	TMEM98
NR4A2_Medium	chr17	35050293	35050693	Promoter (7-8kb)	17	35011679	35042351	-7942	ENSG00000092871	RFFL
NR4A2_Medium	chr17	39111594	39111994	Promoter (<=1kb)	17	39107407	39112177	183	ENSG00000161381	PLXDC1
NR4A2_Medium	chr17	39134223	39134623	Promoter (2-3kb)	17	39067132	39132037	-2186	ENSG00000161381	PLXDC1
NR4A2_Medium	chr17	39604641	39605041	Promoter (2-3kb)	17	39603768	39607920	2879	ENSG00000171532	NEUROD2
NR4A2_Medium	chr17	39971130	39971530	Promoter (5-6kb)	17	39965523	39970565	5607	ENSG00000167914	GSDMA
NR4A2_Medium	chr17	40091410	40091810	Promoter (6-7kb)	17	40084434	40087001	6976	ENSG00000126351	THRA
NR4A2_Medium	chr17	40148994	40149394	Promoter (8-9kb)	17	40140842	40161864	8152	ENSG00000108349	CASC3
NR4A2_Medium	chr17	40347475	40347875	Promoter (2-3kb)	17	40345241	40354409	2234	ENSG00000131759	RARA
NR4A2_Medium	chr17	40364173	40364573	Promoter (<=1kb)	17	40360652	40364737	164	ENSG00000183153	GJD3
NR4A2_Medium	chr17	40700148	40700548	Promoter (3-4kb)	17	40697991	40703752	3204	ENSG00000167916	KRT24
NR4A2_Medium	chr17	41169299	41169699	Promoter (1-2kb)	17	41167231	41168221	-1078	ENSG00000196156	KRTAP4-3
NR4A2_Medium	chr17	41612229	41612629	Promoter (<=1kb)	17	41609778	41612767	138	ENSG00000186832	KRT16
NR4A2_Medium	chr17	41903456	41903856	Promoter (1-2kb)	17	41904440	41905641	1785	ENSG00000131473	ACLY
NR4A2_Medium	chr17	41904216	41904616	Promoter (1-2kb)	17	41904440	41905641	1025	ENSG00000131473	ACLY
NR4A2_Medium	chr17	41975955	41976355	Promoter (4-5kb)	17	41971609	41973962	4346	ENSG00000173786	CNP
NR4A2_Medium	chr17	42124049	42124449	Promoter (1-2kb)	17	42122804	42123352	1245	ENSG00000260325	HSPB9
NR4A2_Medium	chr17	42126322	42126722	Promoter (<=1kb)	17	42119674	42125866	-456	ENSG00000108773	KAT2A
NR4A2_Medium	chr17	42221818	42222218	Promoter (3-4kb)	17	42210417	42217871	-3947	ENSG00000173757	STAT5B
NR4A2_Medium	chr17	42419583	42419983	Promoter (3-4kb)	17	42402449	42423256	3273	ENSG00000177469	CAVIN1
NR4A2_Medium	chr17	42471738	42472138	Promoter (1-2kb)	17	42470182	42480965	1556	ENSG00000033627	ATP6V0A1
NR4A2_Medium	chr17	42524966	42525366	Promoter (4-5kb)	17	42520383	42521785	4583	ENSG00000033627	ATP6V0A1
NR4A2_Medium	chr17	42540388	42540788	Promoter (<=1kb)	17	42541091	42543549	-303	ENSG00000108784	NAGLU
NR4A2_Medium	chr17	42566184	42566584	Promoter (<=1kb)	17	42567068	42573239	-484	ENSG00000108788	MLX
NR4A2_Medium	chr17	42753819	42754219	Promoter (4-5kb)	17	42758447	42761899	-4228	EN	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr17	44343381	44343781	Promoter (1-2kb)	17	44345246	44349894	-1465	ENSG00000030582	GRN
NR4A2_Medium	chr17	44470078	44470478	Promoter (4-5kb)	17	44395284	44465935	-4143	ENSG00000186566	GPATCH8
NR4A2_Medium	chr17	44504009	44504409	Promoter (<=1kb)	17	44473290	44503430	-579	ENSG00000186566	GPATCH8
NR4A2_Medium	chr17	44705738	44706138	Promoter (2-3kb)	17	44708608	44752264	-2470	ENSG00000161692	DBF4B
NR4A2_Medium	chr17	44760757	44761157	Promoter (1-2kb)	17	44759325	44779875	1432	ENSG00000073670	ADAM11
NR4A2_Medium	chr17	44765346	44765746	Promoter (4-5kb)	17	44769986	44780610	-4240	ENSG00000073670	ADAM11
NR4A2_Medium	chr17	44853277	44853677	Promoter (<=1kb)	17	44851257	44854662	985	ENSG00000108883	EFTUD2
NR4A2_Medium	chr17	45144141	45144541	Promoter (3-4kb)	17	45148502	45152101	-3961	ENSG00000186834	HEXIM1
NR4A2_Medium	chr17	45276437	45276837	Promoter (2-3kb)	17	45263135	45273966	-2471	ENSG0000006062	MAP3K14
NR4A2_Medium	chr17	47136806	47137206	Promoter (<=1kb)	17	47120810	47137244	38	ENSG0000004897	CDC27
NR4A2_Medium	chr17	47313101	47313501	Promoter (7-8kb)	17	47303460	47305685	-7416	ENSG00000263293	THCAT158
NR4A2_Medium	chr17	47687956	47688356	Promoter (5-6kb)	17	47694081	47698726	-5725	ENSG00000198933	TBKBP1
NR4A2_Medium	chr17	47809442	47809842	Promoter (<=1kb)	17	47808216	47809115	-327	ENSG0000006025	OSBPL7
NR4A2_Medium	chr17	48104599	48104999	Promoter (1-2kb)	17	48103357	48119164	1242	ENSG0000002919	SNX11
NR4A2_Medium	chr17	48140061	48140461	Promoter (2-3kb)	17	48133446	48137334	-2727	ENSG00000141293	SKAP1
NR4A2_Medium	chr17	48142809	48143209	Promoter (5-6kb)	17	48133446	48137334	-5475	ENSG00000141293	SKAP1
NR4A2_Medium	chr17	48158276	48158676	Promoter (1-2kb)	17	48156427	48156511	-1765	ENSG00000221739	MIR1203
NR4A2_Medium	chr17	48339884	48340284	Promoter (5-6kb)	17	48180108	48345965	5681	ENSG00000141293	SKAP1
NR4A2_Medium	chr17	48915934	48916334	Promoter (<=1kb)	17	48915720	48927155	214	ENSG00000159202	UBE2Z
NR4A2_Medium	chr17	49225548	49225948	Promoter (<=1kb)	17	49223660	49226761	813	ENSG00000173868	PHOSPHO1
NR4A2_Medium	chr17	49374687	49375087	Promoter (<=1kb)	17	49375380	49380094	-293	NA	LOC102724596
NR4A2_Medium	chr17	50650378	50650778	Promoter (7-8kb)	17	50658143	50663855	-7365	ENSG00000108846	ABCC3
NR4A2_Medium	chr17	50734882	50735282	Promoter (1-2kb)	17	50736635	50741673	-1353	ENSG00000108848	LUC7L3
NR4A2_Medium	chr17	50757865	50758265	Promoter (6-7kb)	17	50751051	50752550	6814	ENSG00000108848	LUC7L3
NR4A2_Medium	chr17	51144103	51144503	Promoter (9-10kb)	17	51153536	51162195	-9033	ENSG00000239672	NME1
NR4A2_Medium	chr17	51210847	51211247	Promoter (1-2kb)	17	51192657	51209404	-1443	ENSG0000011258	MBTD1
NR4A2_Medium	chr17	51435988	51436388	Promoter (<=1kb)	17	51435841	51444037	147	ENSG00000267452	LINC02073
NR4A2_Medium	chr17	54910629	54911029	Promoter (2-3kb)	17	54913819	54930379	-2790	ENSG00000141198	TOM1L1
NR4A2_Medium	chr17	54930827	54931227	Promoter (5-6kb)	17	54936413	54937484	-5186	ENSG00000141198	TOM1L1
NR4A2_Medium	chr17	55752052	55752452	Promoter (<=1kb)	17	55751400	55777374	652	ENSG00000141179	PCTP
NR4A2_Medium	chr17	56182978	56183378	Promoter (8-9kb)	17	56174175	56353895	8803	ENSG00000153930	ANKFN1
NR4A2_Medium	chr17	56463002	56463402	Promoter (6-7kb)	17	56456947	56463906	6055	ENSG00000153930	ANKFN1
NR4A2_Medium	chr17	56794203	56794603	Promoter (<=1kb)	17	56791913	56795292	689	ENSG00000214226	C17orf67
NR4A2_Medium	chr17	56986449	56986849	Promoter (<=1kb)	17	56987090	56997102	-241	ENSG00000121064	SCPEP1
NR4A2_Medium	chr17	57433511	57433911	Promoter (6-7kb)	17	57440690	57675059	-6779	ENSG00000153944	MSI2
NR4A2_Medium	chr17	58190405	58190805	Promoter (1-2kb)	17	58192726	58205174	-1921	ENSG00000121053	EPX
NR4A2_Medium	chr17	58518955	58519355	Promoter (<=1kb)	17	58519837	58556925	-482	ENSG00000264672	SEPTIN4-AS1
NR4A2_Medium	chr17	58553331	58553731	Promoter (8-9kb)	17	58541587	58544368	-8963	ENSG00000108387	SEPTIN4
NR4A2_Medium	chr17	58565372	58565772	Promoter (1-2kb)	17	58556680	58564258	-1114	ENSG00000121101	TEX14
NR4A2_Medium	chr17	58740673	58741073	Promoter (8-9kb)	17	58732332	58734331	8341	ENSG00000108384	RAD51C
NR4A2_Medium	chr17	59106939	59107339	Promoter (<=1kb)	17	58982651	59106921	-18	ENSG00000108395	TRIM37
NR4A2_Medium	chr17	59369121	59369521	Promoter (3-4kb)	17	59366083	59366154	3038	ENSG00000263857	MIR4729
NR4A2_Medium	chr17	59739789	59740189	Promoter (4-5kb)	17	59735338	59840106	4451	ENSG00000062716	VMP1
NR4A2_Medium	chr17	59891712	59892112	Promoter (<=1kb)	17	59859490	59892715	603	ENSG00000108423	TUBD1
NR4A2_Medium	chr17	61023639	61024039	Promoter (6-7kb)	17	61016964	61074988	6675	ENSG00000141376	BCAS3
NR4A2_Medium	chr17	61486380	61486780	Promoter (8-9kb)	17	61478363	61481346	8017	ENSG00000121075	TBX4
NR4A2_Medium	chr17	61792191	61792591	Promoter (1-2kb)	17	61776401	61793673	1082	ENSG00000136492	BRIP1
NR4A2_Medium	chr17	62349430	62349830	Promoter (6-7kb)	17	62355864	62416476	-6034	ENSG00000172421	EFCAB3
NR4A2_Medium	chr17	62696641	62697041	Promoter (2-3kb)	17	62699244	62736107	-2203	ENSG00000265702	LOC105371855
NR4A2_Medium	chr17	63543024	63543424	Promoter (7-8kb)	17	63550477	63594266	-7053	ENSG00000136485	DCAF7
NR4A2_Medium	chr17	64048584	64048984	Promoter (5-6kb)	17	64053967	64054767	5783	ENSG00000178607	ERN1
NR4A2_Medium	chr17	64178315	64178715	Promoter (9-10kb)	17	64154947	64188454	9739	ENSG00000136478	TEX2
NR4A2_Medium	chr17	64187152	64187552	Promoter (<=1kb)	17	64154947	64188454	902	ENSG00000136478	TEX2
NR4A2_Medium	chr17	64239850	64240250	Promoter (9-10kb)	17	64147674	64230756	-9094	ENSG00000136478	TEX2
NR4A2_Medium	chr17	64411222	64411622	Promoter (2-3kb)	17	64375051	64413776	2154	ENSG00000261371	PECAM1
NR4A2_Medium	chr17	64572593	64572993	Promoter (9-10kb)	17	64557641	64563165	-9428	ENSG00000108854	SMURF2
NR4A2_Medium	chr17	64662570	64662970	Promoter (<=1kb)	17	64542282	64662307	-263	ENSG00000108854	SMURF2
NR4A2_Medium	chr17	65103375	65103775	Promoter (2-3kb)	17	65100986	65227690	2389	ENSG00000108370	RGS9
NR4A2_Medium	chr17	65829502	65829902	Promoter (2-3kb)	17	65635816	65826543	-2959	ENSG00000154240	CEP112
NR4A2_Medium	chr17	66974465	66974865	Promoter (9-10kb)	17	66964707	67033398	9758	ENSG00000075461	CACNG4
NR4A2_Medium	chr17	67042828	67043228	Promoter (1-2kb)	17	67044554	67056797	-1326	ENSG00000108878	CACNG1
NR4A2_Medium	chr17	67242124	67242524	Promoter (1-2kb)	17	67244282	67273503	-1758	NA	LOC101928021
NR4A2_Medium	chr17	67562172	67562572	Promoter (8-9kb)	17	67553186	67693367	8986	ENSG00000154217	PITPNC1
NR4A2_Medium	chr17	67998055	67998455	Promoter (1-2kb)	17	67991101	67996431	-1624	ENSG00000186665	C17orf58
NR4A2_Medium	chr17	68356349	68356749	Promoter (9-10kb)	17	68347145	68359786	9204	ENSG00000141337	ARSG
NR4A2_Medium	chr17	68466536	68466936	Promoter (9-10kb)	17	68433509	68457513	-9023	ENSG00000070540	WIPI1
NR4A2_Medium	chr17	68874015	68874415	Promoter (3-4kb)	17	68876314	68877646	3231	ENSG00000141338	ABCA8
NR4A2_Medium	chr17	68986561	68986961	Promoter (2-3kb)	17	68986608	68989141	2180	ENSG00000154258	ABCA9
NR4A2_Medium	chr17	69087838	69088238	Promoter (<=1kb)	17	69085654	69087618	-220	ENSG00000154262	ABCA6
NR4A2_Medium	chr17	69316025	69316425	Promoter (<=1kb)	17	69246951	69315425	-600	ENSG00000154265	ABCA5
NR4A2_Medium	chr17	69539552	69539952	Promoter (3-4kb)	17	69536066	69542011	3486	ENSG00000108984	MAP2K6
NR4A2_Medium	chr17	69826725	69827125	Promoter (7-8kb)	17	69819276	69902921	7449	ENSG00000227517	LINC01483
NR4A2_Medium	chr17	70178418	70178818	Promoter (8-9kb)	17	70169535	70180048	8883	ENSG00000123700	KCNJ2
NR4A2_Medium	chr17	71131661	71132061	Promoter (<=1kb)	17	71097786	71131324	-337	ENSG00000260785	CASC17
NR4A2_Medium	chr17	72048059	72048459	Promoter (9-10kb)	17	72037314	72057719	9260	NA	LOC102723517
NR4A2_Medium	chr17	72415699	72416099	Promoter (5-6kb)	17	72404660	72421224	5125	ENSG00000227036	LINC00673
NR4A2_Medium	chr17	72531022	72531422	Promoter (3-4kb)	17	72428267	72527035	-3987	ENSG00000227036	LINC00673
NR4A2_Medium	chr17	72567081	72567481	Promoter (7-8kb)	17	72428267	72574867	7386	ENSG00000227036	LINC00673
NR4A2_Medium	chr17	72649313	72649713	Promoter (8-9kb)	17	72598040	72640472	-8841	ENSG00000227036	LINC00511
NR4A2_Medium	chr17	73155880	73156280	Promoter (8-9kb)	17	73164977	73196593	-8697	ENSG00000180616	SSTR2
NR4A2_Medium	chr17	73198852	73199252	Promoter (5-6kb)	17	73193093	73197081	5759	ENSG00000166685	COG1
NR4A2_Medium	chr17	73232487	73232887	Promoter (<=1kb)	17	73232529	73235810	0	ENSG00000141219	C17orf80
NR4A2_Medium	chr17	73754603	73755003	Promoter (4-5kb)	17	73750120	73756134	4483	ENSG00000263574	LOC100134391
NR4A2_Medium	chr17	74465105	74465505	Promoter (<=1kb)	17	74466399	74484794	-894	ENSG00000167851	CD300A
NR4A2_Medium	chr17	74472014	74472414	Promoter (5-6kb)	17	74466862	74484296	5152	ENSG00000167851	CD300A
NR4A2_Medium	chr17	74525140	74525540	Promoter (5-6kb)	17	74523153	74531474	5934	ENSG00000178789	CD300LB
NR4A2_Medium	chr17	74531260	74531660	Promoter (<=1kb)	17	74521174	74531475	0	ENSG00000178789	CD300LB
NR4A2_Medium	chr17	74734854	74735254	Promoter (1-2kb)	17	74736598	74746192	-1344	ENSG00000172794	RAB37
NR4A2_Medium	chr17	74749816	74750216	Promoter (1-2kb)	17	74748652	74768582	1164	ENSG00000109062	SLC9A3R1
NR4A2_Medium	chr17	74916781	74917181	Promoter (6-7kb)	17	74916083	74923255	6074	ENSG00000182040	USH1G
NR4A2_Medium	chr17	74958671	74959071	Promoter (<=1kb)	17	74958203	74959001	0	ENSG00000167861	HID1
NR4A2_Medium	chr17	75083416	75083816	Promoter (3-4kb)	17	75087727	75106162	-3911	ENSG00000170190	SLC16A5
NR4A2_Medium	chr17	75161445	75161845	Promoter (6-7kb)	17	75147538	75168261	6416	ENSG00000189159	JPT1
NR4A2_Medium	chr17	75173743	75174143	Promoter (5-6kb)	17	75136148	75168281	-5462		



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr17	75973148	75973548	Promoter (5-6kb)	17	75973309	75978693	5145	ENSG00000161533	ACOX1
NR4A2_Medium	chr17	76068038	76068438	Promoter (3-4kb)	17	76071961	76079778	-3523	ENSG00000186919	ZACN
NR4A2_Medium	chr17	76101218	76101618	Promoter (<=1kb)	17	76083577	76101853	235	ENSG00000182473	EXOC7
NR4A2_Medium	chr17	76176718	76177118	Promoter (9-10kb)	17	76162761	76167082	-9636	ENSG00000141576	RNF157
NR4A2_Medium	chr17	76491125	76491525	Promoter (1-2kb)	17	76481383	76493154	1629	ENSG00000129667	RHBFDF2
NR4A2_Medium	chr17	76647925	76648325	Promoter (4-5kb)	17	76624761	76643786	-4139	ENSG00000070526	ST6GALNAC1
NR4A2_Medium	chr17	76780463	76780863	Promoter (7-8kb)	17	76773097	76778338	7366	ENSG00000092931	MFSD11
NR4A2_Medium	chr17	76841134	76841534	Promoter (8-9kb)	17	76849840	76861836	-8306	ENSG00000267535	LINC00868
NR4A2_Medium	chr17	77379539	77379939	Promoter (<=1kb)	17	77380123	77402483	-184	ENSG00000184640	SEPTIN9
NR4A2_Medium	chr17	77484881	77485281	Promoter (2-3kb)	17	77481913	77488788	2968	ENSG00000184640	SEPTIN9
NR4A2_Medium	chr17	77507513	77507913	Promoter (8-9kb)	17	77516887	77536592	-8974	ENSG00000267665	LOC400622
NR4A2_Medium	chr17	77509272	77509672	Promoter (7-8kb)	17	77516887	77536592	-7215	ENSG00000267665	LOC400622
NR4A2_Medium	chr17	78198228	78198628	Promoter (3-4kb)	17	78202509	78207202	-3881	ENSG00000183077	AFMID
NR4A2_Medium	chr17	78239049	78239449	Promoter (7-8kb)	17	78232041	78240507	7008	ENSG00000204278	TMEM235
NR4A2_Medium	chr17	78402058	78402458	Promoter (1-2kb)	17	78400831	78421911	1227	ENSG00000087157	PGS1
NR4A2_Medium	chr17	78444446	78444846	Promoter (5-6kb)	17	78423700	78450298	5452	ENSG00000187775	DNAH17
NR4A2_Medium	chr17	78478000	78478400	Promoter (5-6kb)	17	78423697	78472774	-5226	ENSG00000187775	DNAH17
NR4A2_Medium	chr17	78492725	78493125	Promoter (1-2kb)	17	78423905	78491490	-1235	ENSG00000187775	DNAH17
NR4A2_Medium	chr17	78831031	78831431	Promoter (2-3kb)	17	78812860	78828964	-2067	ENSG00000055483	USP36
NR4A2_Medium	chr17	78927636	78928036	Promoter (2-3kb)	17	78852977	78925387	-2249	ENSG00000035862	TIMP2
NR4A2_Medium	chr17	79007413	79007813	Promoter (1-2kb)	17	78997666	79006213	-1200	ENSG00000171302	CANT1
NR4A2_Medium	chr17	79111778	79112178	Promoter (3-4kb)	17	79089367	79115580	3402	ENSG00000167281	RBFOX3
NR4A2_Medium	chr17	79498952	79499352	Promoter (9-10kb)	17	79094257	79508868	9516	ENSG00000167281	RBFOX3
NR4A2_Medium	chr17	79521165	79521565	Promoter (5-6kb)	17	79090816	79516148	-5017	ENSG00000167281	RBFOX3
NR4A2_Medium	chr17	79714697	79715097	Promoter (7-8kb)	17	79707266	79712317	7431	ENSG00000267719	LINC02078
NR4A2_Medium	chr17	79783559	79783959	Promoter (5-6kb)	17	79778194	79782532	5365	ENSG00000173894	CBX2
NR4A2_Medium	chr17	80041252	80041652	Promoter (1-2kb)	17	80040005	80050224	1247	ENSG00000141519	CCDC40
NR4A2_Medium	chr17	80185803	80186203	Promoter (1-2kb)	17	80187800	80198924	-1597	ENSG00000141527	CARD14
NR4A2_Medium	chr17	80261003	80261403	Promoter (<=1kb)	17	80260870	80321463	133	ENSG00000173821	RNF213
NR4A2_Medium	chr17	80338963	80339363	Promoter (1-2kb)	17	80337514	80339446	1449	ENSG00000173821	RNF213
NR4A2_Medium	chr17	80700562	80700962	Promoter (7-8kb)	17	80708933	80754104	-7971	ENSG00000141564	RPTOR
NR4A2_Medium	chr17	80711744	80712144	Promoter (2-3kb)	17	80708933	80754104	2811	ENSG00000141564	RPTOR
NR4A2_Medium	chr17	80930167	80930567	Promoter (7-8kb)	17	80922724	80924172	7443	ENSG00000141564	RPTOR
NR4A2_Medium	chr17	81047315	81047715	Promoter (5-6kb)	17	81053362	81099977	-5647	ENSG00000175866	BAIAP2
NR4A2_Medium	chr17	81065723	81066123	Promoter (1-2kb)	17	81063740	81100080	1983	ENSG00000175866	BAIAP2
NR4A2_Medium	chr17	81103526	81103926	Promoter (<=1kb)	17	81104002	81116048	-76	ENSG00000175866	BAIAP2
NR4A2_Medium	chr17	81169852	81170252	Promoter (3-4kb)	17	81117295	81166221	-3631	ENSG00000181409	AATK
NR4A2_Medium	chr17	81192428	81192828	Promoter (<=1kb)	17	81189827	81192376	-52	ENSG00000141577	CEP131
NR4A2_Medium	chr17	81253175	81253575	Promoter (<=1kb)	17	81246178	81252273	-902	ENSG00000157637	SLC38A10
NR4A2_Medium	chr17	81310889	81311289	Promoter (1-2kb)	17	81303771	81309248	-1641	NA	LINC00482
NR4A2_Medium	chr17	81676872	81677272	Promoter (5-6kb)	17	81671589	81672102	5283	ENSG00000185298	CCDC137
NR4A2_Medium	chr17	81846735	81847135	Promoter (<=1kb)	17	81843961	81846671	-64	ENSG00000185624	P4HB
NR4A2_Medium	chr17	82005911	82006311	Promoter (<=1kb)	17	82006642	82017404	-331	ENSG00000169696	ASPSCR1
NR4A2_Medium	chr17	82147383	82147783	Promoter (3-4kb)	17	82135112	82151606	3823	ENSG00000176155	CCDC57
NR4A2_Medium	chr17	82211322	82211722	Promoter (1-2kb)	17	82101470	82212813	1091	ENSG00000176155	CCDC57
NR4A2_Medium	chr17	82447270	82447670	Promoter (<=1kb)	17	82444073	82447681	11	ENSG00000178927	CYBC1
NR4A2_Medium	chr17	82561596	82561996	Promoter (2-3kb)	17	82559364	82584030	2232	ENSG00000141568	FOXK2
NR4A2_Medium	chr17	82662950	82663350	Promoter (1-2kb)	17	82657793	82664895	1545	ENSG00000141542	RAB40B
NR4A2_Medium	chr17	82690084	82690484	Promoter (6-7kb)	17	82661011	82696870	6386	ENSG00000141542	RAB40B
NR4A2_Medium	chr17	82846017	82846417	Promoter (5-6kb)	17	82829929	82840022	-5995	ENSG00000141579	ZNF750
NR4A2_Medium	chr18	107981	108393	Promoter (<=1kb)	18	109065	122219	-672	ENSG00000263006	ROCK1P1
NR4A2_Medium	chr18	110205	110608	Promoter (1-2kb)	18	109065	122219	1140	ENSG00000263006	ROCK1P1
NR4A2_Medium	chr18	692483	692883	Promoter (<=1kb)	18	670324	693277	394	ENSG00000132199	ENOSF1
NR4A2_Medium	chr18	708863	709263	Promoter (2-3kb)	18	688574	706789	-2074	ENSG00000132199	ENOSF1
NR4A2_Medium	chr18	1409648	1410048	Promoter (2-3kb)	18	1269528	1407244	-2404	NA	LINC00470
NR4A2_Medium	chr18	2714965	2715365	Promoter (7-8kb)	18	2707444	2722550	7521	ENSG00000101596	SMCHD1
NR4A2_Medium	chr18	2794868	2795268	Promoter (<=1kb)	18	2796099	2801263	-831	ENSG00000101596	SMCHD1
NR4A2_Medium	chr18	3595802	3596202	Promoter (1-2kb)	18	3594449	3598363	1353	NA	DLGAP1-AS1
NR4A2_Medium	chr18	3610500	3610900	Promoter (6-7kb)	18	3603738	3608336	6762	NA	DLGAP1-AS2
NR4A2_Medium	chr18	5585824	5586224	Promoter (8-9kb)	18	5478399	5577648	-8176	ENSG00000082397	EPB41L3
NR4A2_Medium	chr18	5624803	5625203	Promoter (3-4kb)	18	5393103	5628991	3788	ENSG00000082397	EPB41L3
NR4A2_Medium	chr18	5830869	5831269	Promoter (9-10kb)	18	5840695	5840833	-9426	ENSG00000272380	MIR3976
NR4A2_Medium	chr18	5889675	5890075	Promoter (5-6kb)	18	5882072	5895955	5880	ENSG00000206432	TMEM200C
NR4A2_Medium	chr18	6251803	6252203	Promoter (4-5kb)	18	6256747	6260934	-4544	ENSG00000264707	L3MBTL4-AS1
NR4A2_Medium	chr18	6371743	6372143	Promoter (2-3kb)	18	6374361	6374425	2282	ENSG00000283532	MIR4317
NR4A2_Medium	chr18	6407081	6407481	Promoter (6-7kb)	18	6311600	6414184	6703	ENSG00000154655	L3MBTL4
NR4A2_Medium	chr18	6504800	6505200	Promoter (6-7kb)	18	6511416	6590653	-6216	ENSG00000265944	LINC01387
NR4A2_Medium	chr18	6827530	6827930	Promoter (6-7kb)	18	6834475	6868234	-6545	ENSG00000088756	ARHGAP28
NR4A2_Medium	chr18	6939051	6939451	Promoter (9-10kb)	18	6928349	6929966	-9085	ENSG00000265933	LINC00668
NR4A2_Medium	chr18	7125684	7126084	Promoter (7-8kb)	18	6941742	7117797	-7887	ENSG00000101680	LAMA1
NR4A2_Medium	chr18	8129841	8130241	Promoter (7-8kb)	18	8121852	8406666	7989	ENSG00000173482	PTPRM
NR4A2_Medium	chr18	8600154	8600554	Promoter (8-9kb)	18	8609437	8639381	-8883	ENSG00000206418	RAB12
NR4A2_Medium	chr18	8807984	8808384	Promoter (1-2kb)	18	8809818	8813157	-1434	ENSG00000168502	MTCL1
NR4A2_Medium	chr18	9343035	9343435	Promoter (8-9kb)	18	9334850	9397067	8185	ENSG00000128791	TWSG1
NR4A2_Medium	chr18	10756336	10756736	Promoter (2-3kb)	18	10759584	10759649	2860	ENSG00000274838	MIR6788
NR4A2_Medium	chr18	10756977	10757377	Promoter (2-3kb)	18	10759584	10759649	2272	ENSG00000274838	MIR6788
NR4A2_Medium	chr18	11487257	11487657	Promoter (<=1kb)	18	11487344	11506981	0	ENSG00000267252	LINC01255
NR4A2_Medium	chr18	11494607	11495007	Promoter (4-5kb)	18	11490224	11491789	4383	ENSG00000267252	LINC01255
NR4A2_Medium	chr18	12027251	12027651	Promoter (<=1kb)	18	12028608	12030875	-957	ENSG00000141401	IMPA2
NR4A2_Medium	chr18	12366881	12367281	Promoter (6-7kb)	18	12358805	12360233	-6648	ENSG00000141385	AFG3L2
NR4A2_Medium	chr18	12408410	12408810	Promoter (<=1kb)	18	12407948	12431424	462	ENSG00000141391	PRELID3A
NR4A2_Medium	chr18	12667586	12667986	Promoter (8-9kb)	18	12658738	12725740	8848	ENSG00000128789	PSMG2
NR4A2_Medium	chr18	13071299	13071699	Promoter (1-2kb)	18	13073116	13125036	-1417	ENSG00000101639	CEP192
NR4A2_Medium	chr18	13117039	13117439	Promoter (<=1kb)	18	13116404	13125030	635	ENSG00000101639	CEP192
NR4A2_Medium	chr18	13236575	13236975	Promoter (2-3kb)	18	13239543	13242076	-2568	ENSG00000279020	C18orf15
NR4A2_Medium	chr18	13452870	13453270	Promoter (6-7kb)	18	13459947	13460026	-6677	ENSG00000266146	MIR5190
NR4A2_Medium	chr18	13823062	13823462	Promoter (<=1kb)	18	13824149	13827323	-687	ENSG00000176136	MC5R
NR4A2_Medium	chr18	21659855	21660255	Promoter (2-3kb)	18	21654889	21656956	-2899	ENSG00000158201	ABHD3
NR4A2_Medium	chr18	22998365	22998765	Promoter (4-5kb)	18	22993484	23026467	4881	ENSG00000101773	RBBP8
NR4A2_Medium	chr18	23327721	23328121	Promoter (3-4kb)	18	23204387	23331215	3094	ENSG00000134490	TMEM241
NR4A2_Medium	chr18	23469128	23469528	Promoter (2-3kb)	18	23466169	23481365	2959	ENSG00000101782	RIOK3
NR4A2_Medium	chr18	23696439	23696839	Promoter (6-7kb)	18	23689684	23954648	6755	ENSG00000053747	LAMA3
NR4A2_Medium	chr18	24104487	24104887	Promoter (8-9kb)	18	24113353	24135610	-8466	ENSG00000168234	TTC39C
NR4A2_Medium	chr18	24171252	24171652	Promoter (8-9kb)	18	24163157	24179835	8183	ENSG00000141447	OSBPL1A
NR4A2_Medium	chr18	24642185	24642585	Promoter (9-10kb)	18	2463				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr18	35656688	35657088	Promoter (2-3kb)	18	35654656	35709780	2032	ENSG00000141429	GALNT1
NR4A2_Medium	chr18	36699598	36699998	Promoter (6-7kb)	18	36692976	36717971	6622	ENSG00000134775	FHOD3
NR4A2_Medium	chr18	36804597	36804997	Promoter (2-3kb)	18	36796926	36807934	2937	ENSG00000134779	TPGS2
NR4A2_Medium	chr18	37056564	37056964	Promoter (9-10kb)	18	37066866	37075648	-9902	ENSG00000150477	KIAA1328
NR4A2_Medium	chr18	37492277	37492677	Promoter (6-7kb)	18	37274865	37486034	-6243	ENSG00000101489	CELF4
NR4A2_Medium	chr18	39807405	39807805	Promoter (7-8kb)	18	39648848	39800322	-7083	ENSG00000267374	MIR924HG
NR4A2_Medium	chr18	41639266	41639666	Promoter (7-8kb)	18	41482476	41632185	-7081	ENSG00000267313	KC6
NR4A2_Medium	chr18	42031036	42031436	Promoter (2-3kb)	18	42033842	42049683	-2406	ENSG00000078142	PIK3C3
NR4A2_Medium	chr18	44976402	44976802	Promoter (6-7kb)	18	44970082	44970166	-6236	ENSG00000265957	MIR4319
NR4A2_Medium	chr18	45848807	45849207	Promoter (9-10kb)	18	45855353	45858651	9444	ENSG00000152223	EPG5
NR4A2_Medium	chr18	46033323	46033723	Promoter (6-7kb)	18	45984233	46040287	6564	ENSG00000152229	PSTPIP2
NR4A2_Medium	chr18	46089827	46090227	Promoter (1-2kb)	18	46089429	46092198	1971	ENSG00000152234	ATP5F1A
NR4A2_Medium	chr18	46556706	46557106	Promoter (<=1kb)	18	46476972	46556769	0	ENSG00000167210	LOXHD1
NR4A2_Medium	chr18	46563278	46563678	Promoter (3-4kb)	18	46476974	46559312	-3966	ENSG00000167210	LOXHD1
NR4A2_Medium	chr18	46721422	46721822	Promoter (9-10kb)	18	46679243	46731763	9941	ENSG00000101638	ST8SIA5
NR4A2_Medium	chr18	47074621	47075021	Promoter (5-6kb)	18	47069586	47098948	5035	ENSG00000167216	KATNAL2
NR4A2_Medium	chr18	47079292	47079692	Promoter (9-10kb)	18	47069586	47098948	9706	ENSG00000167216	KATNAL2
NR4A2_Medium	chr18	48407755	48408155	Promoter (1-2kb)	18	48041033	48409292	1137	ENSG00000184828	ZBTB7C
NR4A2_Medium	chr18	49019474	49019874	Promoter (3-4kb)	18	49023703	49048474	-3829	ENSG00000264269	LOC100129878
NR4A2_Medium	chr18	49360422	49360822	Promoter (<=1kb)	18	49286452	49359872	-550	ENSG00000141627	DYM
NR4A2_Medium	chr18	49372372	49372772	Promoter (3-4kb)	18	49286489	49368713	-3659	ENSG00000141627	DYM
NR4A2_Medium	chr18	51026503	51026903	Promoter (1-2kb)	18	51028394	51048816	-1491	ENSG00000141646	SMAD4
NR4A2_Medium	chr18	54232253	54232653	Promoter (7-8kb)	18	54151606	54224669	-7584	ENSG00000134046	MBD2
NR4A2_Medium	chr18	56075260	56075660	Promoter (6-7kb)	18	56040332	56068370	-6890	ENSG00000206129	LOC642484
NR4A2_Medium	chr18	57609304	57609704	Promoter (2-3kb)	18	57605934	57607190	-2114	ENSG00000134440	NARS1
NR4A2_Medium	chr18	57701287	57701687	Promoter (6-7kb)	18	57697670	57708558	6871	ENSG00000081923	ATP8B1
NR4A2_Medium	chr18	57741093	57741493	Promoter (9-10kb)	18	57669423	57731754	-9339	ENSG00000081923	ATP8B1
NR4A2_Medium	chr18	58798264	58798664	Promoter (9-10kb)	18	58808468	58834357	-9804	ENSG00000267593	LINC01926
NR4A2_Medium	chr18	59334743	59335143	Promoter (1-2kb)	18	59331463	59333691	-1052	ENSG00000074695	LMAN1
NR4A2_Medium	chr18	61897748	61898148	Promoter (3-4kb)	18	61888125	61894247	-3501	ENSG00000176641	RNF152
NR4A2_Medium	chr18	62181179	62181579	Promoter (3-4kb)	18	62045681	62184671	3092	ENSG00000197563	PIGN
NR4A2_Medium	chr18	63399913	63400313	Promoter (2-3kb)	18	63390863	63397124	-2789	ENSG00000119541	VPS4B
NR4A2_Medium	chr18	63767368	63767768	Promoter (7-8kb)	18	63775375	63805376	-7607	ENSG00000166396	SERPINB7
NR4A2_Medium	chr18	64110242	64110642	Promoter (6-7kb)	18	64104091	64423601	6151	ENSG00000267134	LINC01924
NR4A2_Medium	chr18	65758922	65759322	Promoter (3-4kb)	18	65763008	65803810	-3686	ENSG00000081138	CDH7
NR4A2_Medium	chr18	68792622	68793022	Promoter (5-6kb)	18	68798080	69055189	-5058	ENSG00000150636	CCDC102B
NR4A2_Medium	chr18	70014106	70014506	Promoter (5-6kb)	18	70003820	70009032	-5074	ENSG00000176225	RTTN
NR4A2_Medium	chr18	72543877	72544277	Promoter (<=1kb)	18	72536681	72544342	65	ENSG00000141668	CBLN2
NR4A2_Medium	chr18	74489619	74490019	Promoter (5-6kb)	18	74495816	74508874	-5797	ENSG00000133313	CNDP2
NR4A2_Medium	chr18	74551436	74551836	Promoter (9-10kb)	18	74560963	74576735	-9127	ENSG00000150656	CNDP1
NR4A2_Medium	chr18	76206317	76206717	Promoter (2-3kb)	18	76209422	76215824	-2705	ENSG00000264260	LINC01893
NR4A2_Medium	chr18	76217730	76218130	Promoter (8-9kb)	18	76209476	76215824	8254	ENSG00000264260	LINC01893
NR4A2_Medium	chr18	76531633	76532033	Promoter (<=1kb)	18	76532380	76558493	-347	ENSG00000266256	LINC00908
NR4A2_Medium	chr18	76896001	76896401	Promoter (1-2kb)	18	76898092	76899123	-1691	ENSG00000130856	ZNF236
NR4A2_Medium	chr18	77258606	77259006	Promoter (4-5kb)	18	77253740	77256217	4866	ENSG00000166573	GALR1
NR4A2_Medium	chr18	79452555	79452955	Promoter (1-2kb)	18	79451079	79452131	1476	ENSG00000131196	NFATC1
NR4A2_Medium	chr18	79866763	79867163	Promoter (3-4kb)	18	79863668	79899816	3095	ENSG00000178342	KCNG2
NR4A2_Medium	chr18	79992749	79993149	Promoter (4-5kb)	18	79973534	79988581	-4168	ENSG00000141759	TXNL4A
NR4A2_Medium	chr19	301496	301896	Promoter (7-8kb)	19	305573	308923	7027	ENSG00000105556	MIER2
NR4A2_Medium	chr19	304015	304415	Promoter (4-5kb)	19	305573	308923	4508	ENSG00000105556	MIER2
NR4A2_Medium	chr19	309362	309762	Promoter (<=1kb)	19	305573	308923	-439	ENSG00000105556	MIER2
NR4A2_Medium	chr19	311995	312395	Promoter (3-4kb)	19	305573	308923	-3072	ENSG00000105556	MIER2
NR4A2_Medium	chr19	466969	467369	Promoter (5-6kb)	19	464167	472615	5246	ENSG00000181781	ODF3L2
NR4A2_Medium	chr19	526115	526515	Promoter (5-6kb)	19	531760	542087	-5245	ENSG00000099804	CDC34
NR4A2_Medium	chr19	650045	650445	Promoter (<=1kb)	19	647530	650594	149	ENSG00000070423	RNF126
NR4A2_Medium	chr19	713901	714301	Promoter (4-5kb)	19	709131	736139	4770	ENSG00000099864	PALM
NR4A2_Medium	chr19	756426	756826	Promoter (1-2kb)	19	758063	760505	-1237	ENSG00000099812	MISP
NR4A2_Medium	chr19	759546	759946	Promoter (1-2kb)	19	758063	760505	1483	ENSG00000099812	MISP
NR4A2_Medium	chr19	818273	818673	Promoter (3-4kb)	19	812488	821952	3279	ENSG00000129951	PLPPR3
NR4A2_Medium	chr19	938295	938695	Promoter (5-6kb)	19	932565	964366	5730	ENSG00000116017	ARID3A
NR4A2_Medium	chr19	977651	978051	Promoter (6-7kb)	19	984271	994570	-6220	ENSG00000065268	WDR18
NR4A2_Medium	chr19	1106025	1106425	Promoter (<=1kb)	19	1105454	1106779	571	ENSG00000167468	GPX4
NR4A2_Medium	chr19	1282433	1282833	Promoter (3-4kb)	19	1285873	1301431	-3040	ENSG00000099617	EFNA2
NR4A2_Medium	chr19	1570516	1570916	Promoter (2-3kb)	19	1554669	1568058	-2458	ENSG00000181588	MEX3D
NR4A2_Medium	chr19	1846235	1846635	Promoter (1-2kb)	19	1827648	1848446	1811	ENSG00000079313	REXO1
NR4A2_Medium	chr19	1868051	1868451	Promoter (4-5kb)	19	1852399	1863579	-4472	ENSG00000129911	KLF16
NR4A2_Medium	chr19	1946901	1947301	Promoter (4-5kb)	19	1942459	1978345	4442	ENSG00000133275	CSNK1G2
NR4A2_Medium	chr19	2036836	2037236	Promoter (1-2kb)	19	1993101	2034881	-1955	ENSG00000133243	BTBD2
NR4A2_Medium	chr19	2054934	2055334	Promoter (3-4kb)	19	2046461	2051244	-3690	ENSG00000099875	MKMK2
NR4A2_Medium	chr19	2104328	2104728	Promoter (5-6kb)	19	2098902	2099588	5426	ENSG00000099840	IZUMO4
NR4A2_Medium	chr19	2279891	2280291	Promoter (1-2kb)	19	2274631	2282175	1884	ENSG00000188305	PEAK3
NR4A2_Medium	chr19	2330163	2330563	Promoter (1-2kb)	19	2328696	2342503	1467	ENSG00000005206	SPPL2B
NR4A2_Medium	chr19	2336535	2336935	Promoter (<=1kb)	19	2337111	2339877	-176	ENSG00000005206	SPPL2B
NR4A2_Medium	chr19	2357255	2357959	Promoter (2-3kb)	19	2360238	2426239	-2279	ENSG00000178297	TMPRSS9
NR4A2_Medium	chr19	2415981	2416381	Promoter (<=1kb)	19	2416243	2418026	0	ENSG00000178297	TMPRSS9
NR4A2_Medium	chr19	2744008	2744408	Promoter (3-4kb)	19	2717769	2740048	-3960	ENSG00000141873	SLC39A3
NR4A2_Medium	chr19	2936274	2936674	Promoter (8-9kb)	19	2933218	2944971	8297	ENSG00000175691	ZNF77
NR4A2_Medium	chr19	3042055	3042455	Promoter (3-4kb)	19	3013791	3045730	3275	ENSG00000065717	TLE2
NR4A2_Medium	chr19	3069420	3069820	Promoter (6-7kb)	19	3052910	3063107	-6313	ENSG00000104964	TLE5
NR4A2_Medium	chr19	3110327	3110727	Promoter (2-3kb)	19	3113463	3121457	-2736	ENSG00000088256	GNA11
NR4A2_Medium	chr19	3115672	3116072	Promoter (<=1kb)	19	3114947	3115428	725	ENSG00000088256	GNA11
NR4A2_Medium	chr19	3121388	3121788	Promoter (2-3kb)	19	3118813	3119353	2575	ENSG00000088256	GNA11
NR4A2_Medium	chr19	3138609	3139009	Promoter (2-3kb)	19	3136442	3151822	2167	ENSG00000060558	GNA15
NR4A2_Medium	chr19	3233411	3233811	Promoter (7-8kb)	19	3225485	3297016	7926	ENSG00000161082	CELF5
NR4A2_Medium	chr19	3235464	3235864	Promoter (9-10kb)	19	3225485	3297016	9979	ENSG00000161082	CELF5
NR4A2_Medium	chr19	3310696	3311096	Promoter (3-4kb)	19	3314403	3469217	-3307	ENSG00000141905	NFIC
NR4A2_Medium	chr19	3322708	3323108	Promoter (8-9kb)	19	3314403	3469217	8305	ENSG00000141905	NFIC
NR4A2_Medium	chr19	3491929	3492329	Promoter (1-2kb)	19	3491310	3494171	1842	ENSG00000129932	DOHH
NR4A2_Medium	chr19	3511642	3512042	Promoter (5-6kb)	19	3506377	3527060	5265	ENSG00000105325	FZR1
NR4A2_Medium	chr19	3529171	3529571	Promoter (2-3kb)	19	3532483	3533748	-2912	ENSG00000105325	FZR1
NR4A2_Medium	chr19	3672768	3673168	Promoter (5-6kb)	19	3661930	3667344	-5424	ENSG00000186111	PIP5K1C
NR4A2_Medium	chr19	3675386	3675786	Promoter (8-9kb)	19	3661930	3667344	-8042	ENSG00000186111	PIP5K1C
NR4A2_Medium	chr19	3923523	3923923	Promoter (9-10kb)	19	3933103	3942414	-9180	ENSG00000077009	NMRK2
NR4A2_Medium	chr19	3942876	3943276	Promoter (6-7kb)	19	3936622	3942174	6254	ENSG00000077009	NMRK2
NR4A2_Medium	chr19	4096860	4097260	Promoter (2-3kb)	19	4095388	4100072	2812	ENSG00000126934	MAP2K2
NR4A2_Medium	chr19	4151300	4151700	Promoter (1-2kb)	19	4153631				



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr19	5087880	5088280	Promoter (5-6kb)	19	5082452	5141503	5428	ENSG00000127663	KDM4B
NR4A2_Medium	chr19	5119097	5119497	Promoter (6-7kb)	19	5112358	5119682	6739	ENSG00000127663	KDM4B
NR4A2_Medium	chr19	5296476	5296876	Promoter (3-4kb)	19	5273549	5293252	-3224	ENSG00000105426	PTPRS
NR4A2_Medium	chr19	5566164	5566564	Promoter (1-2kb)	19	5561632	5567831	1267	ENSG00000223573	TINCR
NR4A2_Medium	chr19	5988574	5988974	Promoter (8-9kb)	19	5994816	5997373	8399	ENSG00000087903	RFX2
NR4A2_Medium	chr19	6225335	6225735	Promoter (8-9kb)	19	6213120	6216968	-8367	ENSG00000130382	MLLT1
NR4A2_Medium	chr19	6429310	6429710	Promoter (4-5kb)	19	6426039	6433762	4052	ENSG00000181240	SLC25A41
NR4A2_Medium	chr19	6709962	6710362	Promoter (<=1kb)	19	6709756	6710957	595	ENSG00000125730	C3
NR4A2_Medium	chr19	7175417	7175817	Promoter (7-8kb)	19	7159423	7167978	-7439	ENSG00000171105	INSR
NR4A2_Medium	chr19	7363396	7363796	Promoter (7-8kb)	19	7355616	7383385	7780	ENSG00000104880	ARHGEF18
NR4A2_Medium	chr19	7474012	7474412	Promoter (8-9kb)	19	7476894	7483312	8900	ENSG00000104883	PEX11G
NR4A2_Medium	chr19	7739710	7740110	Promoter (5-6kb)	19	7730821	7733906	-5804	ENSG00000182566	CLEC4G
NR4A2_Medium	chr19	7928724	7929124	Promoter (2-3kb)	19	7927824	7931381	2257	ENSG00000104980	TIMM44
NR4A2_Medium	chr19	8044762	8045162	Promoter (7-8kb)	19	8052767	8062622	-7605	ENSG00000131142	CCL25
NR4A2_Medium	chr19	8090252	8090652	Promoter (<=1kb)	19	8087204	8090233	-19	ENSG00000142449	FBN3
NR4A2_Medium	chr19	8149656	8150056	Promoter (<=1kb)	19	8065402	8149592	-64	ENSG00000142449	FBN3
NR4A2_Medium	chr19	8310372	8310772	Promoter (2-3kb)	19	8302127	8308358	-2014	ENSG00000167775	CD320
NR4A2_Medium	chr19	8331562	8331962	Promoter (2-3kb)	19	8332745	8334430	2468	ENSG00000186994	KANK3
NR4A2_Medium	chr19	8408017	8408417	Promoter (4-5kb)	19	8413270	8439004	-4853	ENSG00000099785	MARCHF2
NR4A2_Medium	chr19	8459745	8460145	Promoter (1-2kb)	19	8461969	8465372	-1824	ENSG00000099783	HNRNPM
NR4A2_Medium	chr19	8518341	8518741	Promoter (4-5kb)	19	8509678	8514167	-4174	ENSG00000133250	ZNF414
NR4A2_Medium	chr19	8528628	8529028	Promoter (1-2kb)	19	8522810	8527387	-1241	ENSG00000142347	MYO1F
NR4A2_Medium	chr19	8867525	8867925	Promoter (<=1kb)	19	8863316	8867014	-511	ENSG00000181143	MUC16
NR4A2_Medium	chr19	9325463	9325863	Promoter (<=1kb)	19	9324712	9380132	751	ENSG00000270011	ZNF559-ZNF177
NR4A2_Medium	chr19	9587790	9588190	Promoter (3-4kb)	19	9565782	9584533	-3257	ENSG00000197961	ZNF121
NR4A2_Medium	chr19	9767914	9768314	Promoter (<=1kb)	19	9757475	9768305	0	ENSG00000196605	ZNF846
NR4A2_Medium	chr19	9819241	9819641	Promoter (<=1kb)	19	9811550	9819103	-138	ENSG00000127452	FBXL12
NR4A2_Medium	chr19	10122166	10122566	Promoter (2-3kb)	19	10118887	10119918	-2248	ENSG00000130811	EIF3G
NR4A2_Medium	chr19	10137182	10137582	Promoter (<=1kb)	19	10137467	10138470	888	ENSG00000130816	DNMT1
NR4A2_Medium	chr19	10162623	10163023	Promoter (<=1kb)	19	10160207	10162983	0	ENSG00000130816	DNMT1
NR4A2_Medium	chr19	10263325	10263725	Promoter (7-8kb)	19	10271093	10285583	-7368	ENSG00000090339	ICAM1
NR4A2_Medium	chr19	10545386	10545786	Promoter (<=1kb)	19	10545120	10552121	266	ENSG00000130734	ATG4D
NR4A2_Medium	chr19	10820415	10820815	Promoter (2-3kb)	19	10823224	10833484	-2409	ENSG00000079805	DNM2
NR4A2_Medium	chr19	10992611	10993011	Promoter (1-2kb)	19	10991260	11062266	1351	ENSG00000127616	SMARCA4
NR4A2_Medium	chr19	11197733	11198133	Promoter (<=1kb)	19	11192432	11197791	0	ENSG00000197256	KANK2
NR4A2_Medium	chr19	11247799	11248199	Promoter (5-6kb)	19	11252404	11253667	5468	ENSG00000130158	DOCK6
NR4A2_Medium	chr19	11310694	11311094	Promoter (3-4kb)	19	11306724	11312322	3970	ENSG00000130167	TSPAN16
NR4A2_Medium	chr19	11409048	11409448	Promoter (1-2kb)	19	11394056	11411270	1822	ENSG00000205517	RGL3
NR4A2_Medium	chr19	11579286	11579686	Promoter (<=1kb)	19	11577160	11579008	-278	ENSG00000102575	ACP5
NR4A2_Medium	chr19	11649163	11649563	Promoter (9-10kb)	19	11639776	11686569	9387	NA	ZNF833P
NR4A2_Medium	chr19	11871690	11872090	Promoter (5-6kb)	19	11865957	11869491	5733	ENSG00000171291	ZNF439
NR4A2_Medium	chr19	11950843	11951243	Promoter (<=1kb)	19	11950242	11977198	601	ENSG00000197054	ZNF763
NR4A2_Medium	chr19	11961647	11962047	Promoter (2-3kb)	19	11965037	11978395	-2990	ENSG00000197054	ZNF763
NR4A2_Medium	chr19	11975543	11975943	Promoter (<=1kb)	19	11976822	11978275	-879	ENSG00000197054	ZNF763
NR4A2_Medium	chr19	12153321	12153721	Promoter (2-3kb)	19	12144890	12156714	2993	ENSG00000257591	ZNF625
NR4A2_Medium	chr19	12155364	12155764	Promoter (<=1kb)	19	12144890	12156714	950	ENSG00000257591	ZNF625
NR4A2_Medium	chr19	12766140	12766540	Promoter (<=1kb)	19	12764348	12766523	0	ENSG00000095066	HOOK2
NR4A2_Medium	chr19	12933145	12933545	Promoter (<=1kb)	19	12928410	12933642	97	ENSG00000179115	FARSA
NR4A2_Medium	chr19	13219995	13220395	Promoter (4-5kb)	19	13214440	13224956	4561	ENSG00000141837	CACNA1A
NR4A2_Medium	chr19	14427147	14427547	Promoter (5-6kb)	19	14433053	14446436	-5506	ENSG00000123143	PKN1
NR4A2_Medium	chr19	14442977	14443377	Promoter (2-3kb)	19	14440373	14441434	2604	ENSG00000123143	PKN1
NR4A2_Medium	chr19	14508170	14508570	Promoter (8-9kb)	19	14517085	14563738	-8515	ENSG00000099797	TECR
NR4A2_Medium	chr19	14542795	14543195	Promoter (2-3kb)	19	14545724	14564073	-2529	ENSG00000099797	TECR
NR4A2_Medium	chr19	14685582	14685982	Promoter (3-4kb)	19	14689801	14707262	-3819	ENSG00000160961	ZNF333
NR4A2_Medium	chr19	14763562	14763962	Promoter (8-9kb)	19	14743764	14772374	8412	ENSG00000127507	ADGRE2
NR4A2_Medium	chr19	14877352	14877752	Promoter (3-4kb)	19	14880326	14881452	3700	ENSG00000185385	OR7A17
NR4A2_Medium	chr19	14980408	14980808	Promoter (<=1kb)	19	14961310	14980298	-110	ENSG00000105143	SLC1A6
NR4A2_Medium	chr19	15055507	15055907	Promoter (<=1kb)	19	15054902	15056278	605	ENSG00000105141	CASP14
NR4A2_Medium	chr19	15099074	15099474	Promoter (7-8kb)	19	15107401	15114974	-7927	ENSG00000105137	SYDE1
NR4A2_Medium	chr19	15223123	15223523	Promoter (8-9kb)	19	15226919	15232448	8925	ENSG00000105131	EPHX3
NR4A2_Medium	chr19	15247734	15248134	Promoter (7-8kb)	19	15253751	15255366	7232	ENSG00000141867	BRD4
NR4A2_Medium	chr19	15248295	15248695	Promoter (6-7kb)	19	15253751	15255366	6671	ENSG00000141867	BRD4
NR4A2_Medium	chr19	15804153	15804553	Promoter (3-4kb)	19	15807003	15808126	3573	ENSG00000186723	OR10H1
NR4A2_Medium	chr19	15812380	15812780	Promoter (4-5kb)	19	15807003	15808126	-4254	ENSG00000186723	OR10H1
NR4A2_Medium	chr19	16017278	16017678	Promoter (<=1kb)	19	16016905	16018755	373	ENSG00000205396	LINC00661
NR4A2_Medium	chr19	16069150	16069550	Promoter (1-2kb)	19	16067733	16102875	1417	ENSG00000167460	TPM4
NR4A2_Medium	chr19	16203391	16203791	Promoter (<=1kb)	19	16203463	16206494	0	ENSG00000072958	AP1M1
NR4A2_Medium	chr19	16407949	16408349	Promoter (4-5kb)	19	16382989	16403745	-4204	ENSG00000127527	EPS15L1
NR4A2_Medium	chr19	16531980	16532380	Promoter (5-6kb)	19	16518957	16526274	-5706	ENSG00000085872	CHERP
NR4A2_Medium	chr19	16560787	16561187	Promoter (3-4kb)	19	16553389	16564255	3068	ENSG00000127526	SLC35E1
NR4A2_Medium	chr19	16874812	16875212	Promoter (<=1kb)	19	16875931	16878706	-719	ENSG00000127511	SIN3B
NR4A2_Medium	chr19	17082852	17083252	Promoter (7-8kb)	19	17075786	17213284	7066	ENSG00000099331	MYO9B
NR4A2_Medium	chr19	17188540	17188940	Promoter (4-5kb)	19	17184511	17186000	4029	ENSG00000099331	MYO9B
NR4A2_Medium	chr19	17286446	17286846	Promoter (3-4kb)	19	17264107	17282786	-3660	ENSG00000130307	USHBP1
NR4A2_Medium	chr19	17350769	17351169	Promoter (9-10kb)	19	17340946	17341664	9823	ENSG00000130299	GTPBP3
NR4A2_Medium	chr19	17367977	17368377	Promoter (1-2kb)	19	17351450	17366151	-1826	ENSG00000130300	PLVAP
NR4A2_Medium	chr19	17509203	17509603	Promoter (1-2kb)	19	17503436	17511468	1865	ENSG00000269439	LOC100507551
NR4A2_Medium	chr19	17633454	17633854	Promoter (5-6kb)	19	17626288	17628337	-5117	ENSG00000130477	UNC13A
NR4A2_Medium	chr19	18215173	18215573	Promoter (5-6kb)	19	18210929	18221122	5549	ENSG00000105650	PDE4C
NR4A2_Medium	chr19	18441978	18442378	Promoter (3-4kb)	19	18444516	18445399	3021	ENSG00000105656	ELL
NR4A2_Medium	chr19	18446320	18446720	Promoter (<=1kb)	19	18444516	18445399	-921	ENSG00000105656	ELL
NR4A2_Medium	chr19	18475081	18475481	Promoter (<=1kb)	19	18444751	18475933	452	ENSG00000105656	ELL
NR4A2_Medium	chr19	18535362	18535762	Promoter (1-2kb)	19	18532129	18537704	1942	ENSG00000105701	FKBP8
NR4A2_Medium	chr19	18647423	18647823	Promoter (2-3kb)	19	18644638	18667992	2785	ENSG00000167487	KLHL26
NR4A2_Medium	chr19	18783533	18783933	Promoter (3-4kb)	19	18786118	18787035	3102	ENSG00000105664	COMP
NR4A2_Medium	chr19	18795005	18795405	Promoter (3-4kb)	19	18782774	18791305	-3700	ENSG00000105664	COMP
NR4A2_Medium	chr19	18870769	18871169	Promoter (7-8kb)	19	18862933	18868229	7836	ENSG00000005007	UPF1
NR4A2_Medium	chr19	18950222	18950622	Promoter (8-9kb)	19	18931586	18941261	-8961	ENSG00000051128	HOMER3
NR4A2_Medium	chr19	19061494	19061894	Promoter (2-3kb)	19	19063994	19113030	-2100	ENSG00000181035	SLC25A42
NR4A2_Medium	chr19	19141484	19141884	Promoter (2-3kb)	19	19130265	19138513	-2971	ENSG00000064545	TMEM161A
NR4A2_Medium	chr19	19239727	19240127	Promoter (1-2kb)	19	19238392	19249019	1335	ENSG00000130287	NCAN
NR4A2_Medium	chr19	19262218	19262618	Promoter (<=1kb)	19	19254756	19262804	186	ENSG00000187664	HAPLN4
NR4A2_Medium	chr19	19480717	19481117	Promoter (8-9kb)	19	19472410	19492429	8307	ENSG00000167491	GATAD2A
NR4A2_Medium	chr19	19534226	19534626	Promoter (3-4kb)	19	19538248	19546659	-3622	ENSG00000160161	CILP2
NR4A2_Medium	chr19	19538800	19539200	Promoter (<=1kb)	19	19538265	19546659	535	ENSG000001601	

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr19	29517460	29517860	Promoter (7-8kb)	19	29412231	29525734	7874	ENSG00000264515	LOC284395
NR4A2_Medium	chr19	32570850	32571250	Promoter (9-10kb)	19	32581190	32587453	-9940	ENSG00000105185	PDCD5
NR4A2_Medium	chr19	32581688	32582088	Promoter (<=1kb)	19	32581526	32587414	162	ENSG00000105185	PDCD5
NR4A2_Medium	chr19	32635832	32636232	Promoter (7-8kb)	19	32626807	32643300	7068	ENSG00000105186	ANKRD27
NR4A2_Medium	chr19	32673267	32673667	Promoter (1-2kb)	19	32644397	32675147	1480	ENSG00000105186	ANKRD27
NR4A2_Medium	chr19	32818081	32818481	Promoter (2-3kb)	19	32815563	32829580	2518	ENSG00000173809	TDRD12
NR4A2_Medium	chr19	32998511	32998911	Promoter (2-3kb)	19	32994022	32996461	-2050	ENSG00000131941	RHPN2
NR4A2_Medium	chr19	34463270	34463670	Promoter (3-4kb)	19	34467025	34469116	-3355	ENSG00000126261	UBA2
NR4A2_Medium	chr19	34602740	34603140	Promoter (8-9kb)	19	34593442	34594585	-8155	ENSG00000205209	SCGB2B2
NR4A2_Medium	chr19	35045608	35046008	Promoter (3-4kb)	19	35049271	35060081	-3263	ENSG00000105707	HPN
NR4A2_Medium	chr19	35271465	35271865	Promoter (<=1kb)	19	35271083	35279813	382	ENSG00000105698	USF2
NR4A2_Medium	chr19	35444021	35444421	Promoter (3-4kb)	19	35448301	35451767	-3880	ENSG00000126262	FFAR2
NR4A2_Medium	chr19	35482074	35482474	Promoter (7-8kb)	19	35487324	35490464	7990	ENSG00000188508	KRTDAP
NR4A2_Medium	chr19	35562699	35563099	Promoter (<=1kb)	19	35560819	35563339	240	ENSG00000105675	ATP4A
NR4A2_Medium	chr19	35720183	35720583	Promoter (2-3kb)	19	35718019	35738878	2164	ENSG00000272333	KMT2B
NR4A2_Medium	chr19	36067587	36067987	Promoter (3-4kb)	19	36071606	36075417	-3619	ENSG00000075702	WDR62
NR4A2_Medium	chr19	36070969	36071369	Promoter (<=1kb)	19	36071606	36075417	-237	ENSG00000075702	WDR62
NR4A2_Medium	chr19	36071717	36072117	Promoter (<=1kb)	19	36071606	36075417	111	ENSG00000075702	WDR62
NR4A2_Medium	chr19	36249859	36250259	Promoter (3-4kb)	19	36182294	36246257	-3602	ENSG00000196357	ZNF565
NR4A2_Medium	chr19	36602780	36603180	Promoter (1-2kb)	19	36604817	36627992	-1637	ENSG00000161298	ZNF382
NR4A2_Medium	chr19	36714412	36714812	Promoter (1-2kb)	19	36712482	36727701	1930	ENSG00000189042	ZNF567
NR4A2_Medium	chr19	36771176	36771576	Promoter (1-2kb)	19	36743480	36772807	1231	ENSG00000267041	ZNF850
NR4A2_Medium	chr19	36798205	36798605	Promoter (<=1kb)	19	36797592	36813667	613	ENSG00000267254	ZNF790-AS1
NR4A2_Medium	chr19	36844287	36844687	Promoter (5-6kb)	19	36818322	36850267	5580	ENSG00000197863	ZNF790
NR4A2_Medium	chr19	37303461	37303995	Promoter (<=1kb)	19	37235507	37304340	345	NA	LOC284412
NR4A2_Medium	chr19	37375100	37375500	Promoter (3-4kb)	19	37371194	37392894	3906	ENSG00000189164	ZNF527
NR4A2_Medium	chr19	37582950	37583350	Promoter (<=1kb)	19	37566185	37584156	806	ENSG00000180479	ZNF571
NR4A2_Medium	chr19	37693194	37693594	Promoter (<=1kb)	19	37647813	37692337	-857	ENSG00000196381	ZNF781
NR4A2_Medium	chr19	37905989	37906389	Promoter (<=1kb)	19	37884823	37906594	205	ENSG00000171804	WDR87
NR4A2_Medium	chr19	38102339	38102739	Promoter (2-3kb)	19	38099982	38110315	2357	ENSG00000105738	SIPA1L3
NR4A2_Medium	chr19	38220217	38220617	Promoter (<=1kb)	19	38211717	38219939	-278	ENSG00000011332	DPF1
NR4A2_Medium	chr19	38223623	38224023	Promoter (<=1kb)	19	38216242	38223961	0	ENSG00000011332	DPF1
NR4A2_Medium	chr19	38234015	38234415	Promoter (4-5kb)	19	38211043	38229714	-4301	ENSG00000011332	DPF1
NR4A2_Medium	chr19	38312653	38313053	Promoter (2-3kb)	19	38307428	38315736	2683	ENSG00000167645	YIF1B
NR4A2_Medium	chr19	38467884	38468284	Promoter (1-2kb)	19	38466128	38467886	1756	ENSG00000196218	RYR1
NR4A2_Medium	chr19	38530189	38530589	Promoter (2-3kb)	19	38528090	38536062	2099	ENSG00000196218	RYR1
NR4A2_Medium	chr19	39019227	39019627	Promoter (7-8kb)	19	38990714	39026960	7333	ENSG00000161243	FBXO27
NR4A2_Medium	chr19	39288667	39289067	Promoter (7-8kb)	19	39296407	39298673	-7340	ENSG00000182393	IFNL1
NR4A2_Medium	chr19	39319338	39319738	Promoter (4-5kb)	19	39306568	39315336	-4002	ENSG00000128011	LRFN1
NR4A2_Medium	chr19	39333745	39334145	Promoter (1-2kb)	19	39328359	39335531	1386	ENSG00000130755	GMFG
NR4A2_Medium	chr19	39441932	39442332	Promoter (<=1kb)	19	39441643	39476670	289	ENSG00000196235	SUPT5H
NR4A2_Medium	chr19	40268599	40268999	Promoter (<=1kb)	19	40255244	40269589	590	ENSG00000105221	AKT2
NR4A2_Medium	chr19	40396030	40396430	Promoter (5-6kb)	19	40379271	40390181	-5849	ENSG00000160396	HIPK4
NR4A2_Medium	chr19	40411819	40412219	Promoter (1-2kb)	19	40393768	40413364	1145	ENSG00000105227	PRX
NR4A2_Medium	chr19	40433079	40433479	Promoter (7-8kb)	19	40421589	40425992	-7087	ENSG00000197019	SERTAD1
NR4A2_Medium	chr19	40690830	40691230	Promoter (<=1kb)	19	40680987	40690972	0	ENSG00000105245	NUMBL
NR4A2_Medium	chr19	40776608	40777008	Promoter (<=1kb)	19	40776794	40777490	0	ENSG00000261857	MIA
NR4A2_Medium	chr19	40785962	40786362	Promoter (<=1kb)	19	40785533	40796938	429	ENSG00000167578	RAB4B
NR4A2_Medium	chr19	40848896	40849296	Promoter (1-2kb)	19	40844922	40850440	1144	ENSG00000255974	CYP2A6
NR4A2_Medium	chr19	40880776	40881176	Promoter (<=1kb)	19	40877075	40880090	-686	ENSG00000198077	CYP2A7
NR4A2_Medium	chr19	40917268	40917668	Promoter (6-7kb)	19	40924219	40939517	-6551	ENSG00000256612	CYP2B7P
NR4A2_Medium	chr19	41185333	41185733	Promoter (7-8kb)	19	41193210	41205975	-7477	ENSG00000167600	CYP2S1
NR4A2_Medium	chr19	41230350	41230750	Promoter (3-4kb)	19	41226755	41260204	3595	ENSG00000167601	AXL
NR4A2_Medium	chr19	41438663	41439063	Promoter (<=1kb)	19	41431319	41439537	474	ENSG00000105341	DMAC2
NR4A2_Medium	chr19	41718235	41718635	Promoter (8-9kb)	19	41709914	41717630	8321	ENSG00000105388	CEACAM5
NR4A2_Medium	chr19	41741666	41742066	Promoter (8-9kb)	19	41750977	41756635	-8911	ENSG00000086548	CEACAM6
NR4A2_Medium	chr19	41870576	41870976	Promoter (<=1kb)	19	41869627	41869698	949	ENSG00000276926	MIR6797
NR4A2_Medium	chr19	41880020	41880420	Promoter (2-3kb)	19	41877305	41880980	2715	ENSG00000105369	CD79A
NR4A2_Medium	chr19	41990975	41991375	Promoter (<=1kb)	19	41988508	41990951	-24	ENSG00000105409	ATP1A3
NR4A2_Medium	chr19	42441903	42442303	Promoter (<=1kb)	19	42428533	42442852	549	ENSG00000189377	CXCL17
NR4A2_Medium	chr19	43414723	43415123	Promoter (<=1kb)	19	43414888	43418597	0	ENSG00000131126	TEX101
NR4A2_Medium	chr19	43532413	43532813	Promoter (<=1kb)	19	43532964	43535252	-151	ENSG00000176472	ZNF575
NR4A2_Medium	chr19	43659253	43659653	Promoter (1-2kb)	19	43656566	43661548	1895	ENSG00000011422	PLAUR
NR4A2_Medium	chr19	43708314	43708714	Promoter (7-8kb)	19	43716076	43720021	-7362	ENSG00000124449	IRGC
NR4A2_Medium	chr19	43719797	43720197	Promoter (3-4kb)	19	43716110	43719272	3687	ENSG00000124449	IRGC
NR4A2_Medium	chr19	43798948	43799348	Promoter (<=1kb)	19	43797682	43799067	0	ENSG00000159871	LYPD5
NR4A2_Medium	chr19	44684173	44684573	Promoter (6-7kb)	19	44677585	44684359	6588	ENSG00000186567	CEACAM19
NR4A2_Medium	chr19	44740931	44741331	Promoter (6-7kb)	19	44747705	44759486	-6374	ENSG00000069399	BCL3
NR4A2_Medium	chr19	44910326	44910726	Promoter (3-4kb)	19	44914247	44919342	-3521	ENSG00000130208	APOC1
NR4A2_Medium	chr19	44916564	44916964	Promoter (1-2kb)	19	44914869	44919349	1695	ENSG00000130208	APOC1
NR4A2_Medium	chr19	44945717	44946117	Promoter (<=1kb)	19	44945971	44949566	0	NA	APOC4-APOC2
NR4A2_Medium	chr19	45029336	45029736	Promoter (2-3kb)	19	45032424	45037568	-2688	ENSG00000104856	RELB
NR4A2_Medium	chr19	45070920	45071320	Promoter (1-2kb)	19	45069839	45070956	1081	ENSG00000104859	CLASRP
NR4A2_Medium	chr19	45096819	45097219	Promoter (2-3kb)	19	45100064	45141386	-2845	ENSG00000104866	PPP1R37
NR4A2_Medium	chr19	45382815	45383215	Promoter (<=1kb)	19	45379638	45382592	-223	ENSG00000104881	PPP1R13L
NR4A2_Medium	chr19	45827684	45828084	Promoter (3-4kb)	19	45815410	45824161	-3523	ENSG00000125755	SYMPK
NR4A2_Medium	chr19	45867152	45867552	Promoter (2-3kb)	19	45864326	45873797	2826	ENSG00000170608	FOXA3
NR4A2_Medium	chr19	45923716	45924116	Promoter (8-9kb)	19	45913214	45914778	-8938	ENSG00000188425	NANOS2
NR4A2_Medium	chr19	45954624	45955024	Promoter (7-8kb)	19	45940894	45962606	7582	ENSG00000104967	NOVA2
NR4A2_Medium	chr19	46119044	46119444	Promoter (5-6kb)	19	46120067	46124688	5244	ENSG00000188624	IGFL3
NR4A2_Medium	chr19	46307987	46308387	Promoter (<=1kb)	19	46309221	46312653	-834	ENSG00000124440	HIF3A
NR4A2_Medium	chr19	46372991	46373391	Promoter (2-3kb)	19	46375604	46376703	-2213	ENSG00000011485	PPP5C
NR4A2_Medium	chr19	46393059	46393459	Promoter (5-6kb)	19	46387926	46390610	5133	ENSG00000011485	PPP5C
NR4A2_Medium	chr19	46405991	46406391	Promoter (7-8kb)	19	46410329	46413564	7173	ENSG00000169515	CCDC8
NR4A2_Medium	chr19	46651308	46651708	Promoter (2-3kb)	19	46647612	46654657	2949	ENSG00000197380	DACT3
NR4A2_Medium	chr19	46708577	46708977	Promoter (<=1kb)	19	46709293	46709345	368	NA	MIR320E
NR4A2_Medium	chr19	46837517	46837917	Promoter (<=1kb)	19	46838172	46838820	903	ENSG00000042753	AP2S1
NR4A2_Medium	chr19	46844573	46844973	Promoter (1-2kb)	19	46838172	46846148	1175	ENSG00000042753	AP2S1
NR4A2_Medium	chr19	47119773	47120173	Promoter (5-6kb)	19	47064187	47113776	-5997	ENSG00000130749	ZC3H4
NR4A2_Medium	chr19	47271417	47271817	Promoter (3-4kb)	19	47274885	47275723	-3068	ENSG00000257704	INAFM1
NR4A2_Medium	chr19	47422594	47422994	Promoter (3-4kb)	19	47403124	47419527	-3067	ENSG00000105419	MEIS3
NR4A2_Medium	chr19	47470894	47471294	Promoter (<=1kb)	19	47429740	47471863	569	ENSG00000118160	SLC8A2
NR4A2_Medium	chr19	47490140	47490540	Promoter (<=1kb)	19	47487662	47491475	935	ENSG00000105402	NAPA
NR4A2_Medium	chr19	47672220	47672620	Promoter (6-7kb)	19	47678962	47703222	-6342	ENSG00000063169	BICRA
NR4A2_Medium	chr1									



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr19	48797434	48797834	Promoter (<=1kb)	19	48796247	48797543	0	ENSG00000105552	BCAT2
NR4A2_Medium	chr19	48813718	48814118	Promoter (<=1kb)	19	48813018	48815072	954	ENSG00000087076	HSD17B14
NR4A2_Medium	chr19	49056481	49056881	Promoter (<=1kb)	19	49054275	49055779	-702	ENSG00000196337	CGB7
NR4A2_Medium	chr19	49061738	49062138	Promoter (2-3kb)	19	49054275	49058860	-2878	ENSG00000196337	CGB7
NR4A2_Medium	chr19	49140581	49140981	Promoter (2-3kb)	19	49142984	49151026	-2003	ENSG00000177380	PPFIA3
NR4A2_Medium	chr19	49166852	49167252	Promoter (<=1kb)	19	49167644	49168337	-392	ENSG00000130529	TRPM4
NR4A2_Medium	chr19	49181919	49182319	Promoter (<=1kb)	19	49182526	49211836	-207	ENSG00000130529	TRPM4
NR4A2_Medium	chr19	49218147	49218547	Promoter (7-8kb)	19	49210734	49211834	7413	ENSG00000130529	TRPM4
NR4A2_Medium	chr19	49409544	49409944	Promoter (1-2kb)	19	49408273	49409862	1271	ENSG00000161609	KASH5
NR4A2_Medium	chr19	49514487	49514887	Promoter (<=1kb)	19	49514058	49526333	429	ENSG00000104870	FCGRT
NR4A2_Medium	chr19	49532669	49533069	Promoter (4-5kb)	19	49528626	49546962	4043	ENSG00000142552	RCN3
NR4A2_Medium	chr19	49621187	49621587	Promoter (<=1kb)	19	49620449	49621760	738	ENSG00000126464	PRR12
NR4A2_Medium	chr19	49791808	49792208	Promoter (<=1kb)	19	49791866	49791934	0	ENSG00000276270	MIR6799
NR4A2_Medium	chr19	49825504	49825904	Promoter (4-5kb)	19	49830843	49832415	-4939	ENSG00000104973	MED25
NR4A2_Medium	chr19	50076206	50076606	Promoter (1-2kb)	19	50075123	50075902	1083	ENSG00000204666	LOC400710
NR4A2_Medium	chr19	50290524	50290924	Promoter (5-6kb)	19	50284764	50310539	5760	ENSG00000105357	MYH14
NR4A2_Medium	chr19	50292297	50292697	Promoter (7-8kb)	19	50284764	50310539	7533	ENSG00000105357	MYH14
NR4A2_Medium	chr19	50364392	50364792	Promoter (<=1kb)	19	50359606	50365625	833	ENSG00000131400	NAPSA
NR4A2_Medium	chr19	50497712	50498112	Promoter (9-10kb)	19	50506446	50508029	9917	ENSG00000161677	JOSD2
NR4A2_Medium	chr19	50499604	50500189	Promoter (7-8kb)	19	50506446	50508029	7840	ENSG00000161677	JOSD2
NR4A2_Medium	chr19	50571855	50572255	Promoter (3-4kb)	19	50516892	50568435	-3420	ENSG00000131409	LRR4C4B
NR4A2_Medium	chr19	50616240	50616640	Promoter (9-10kb)	19	50622420	50626134	9494	ENSG00000213023	SYT3
NR4A2_Medium	chr19	50626192	50626592	Promoter (<=1kb)	19	50622420	50626134	-58	ENSG00000213023	SYT3
NR4A2_Medium	chr19	50638262	50638662	Promoter (<=1kb)	19	50621977	50638045	-217	ENSG00000213023	SYT3
NR4A2_Medium	chr19	50645115	50645515	Promoter (3-4kb)	19	50649445	50659306	-3930	ENSG00000235034	C19orf81
NR4A2_Medium	chr19	50810172	50810572	Promoter (1-2kb)	19	50808874	50818880	1298	ENSG00000180279	LINC01869
NR4A2_Medium	chr19	50846383	50846783	Promoter (8-9kb)	19	50854915	50858540	-8132	ENSG00000142515	KLK3
NR4A2_Medium	chr19	50858176	50858576	Promoter (<=1kb)	19	50857391	50860130	785	ENSG00000142515	KLK3
NR4A2_Medium	chr19	50911686	50912086	Promoter (<=1kb)	19	50906934	50910738	-948	ENSG00000167749	KLK4
NR4A2_Medium	chr19	50944267	50944667	Promoter (8-9kb)	19	50943308	50952668	8001	ENSG00000167754	KLK5
NR4A2_Medium	chr19	50980937	50981438	Promoter (2-3kb)	19	50976488	50983815	2377	ENSG00000169035	KLK7
NR4A2_Medium	chr19	50982349	50982749	Promoter (1-2kb)	19	50976488	50983815	1066	ENSG00000169035	KLK7
NR4A2_Medium	chr19	51023651	51024051	Promoter (<=1kb)	19	51022236	51024211	160	ENSG00000167757	KLK11
NR4A2_Medium	chr19	51086335	51086735	Promoter (2-3kb)	19	51077897	51084245	-2090	ENSG00000129437	KLK14
NR4A2_Medium	chr19	51247079	51247479	Promoter (<=1kb)	19	51246348	51267383	731	ENSG00000179213	SIGLECL1
NR4A2_Medium	chr19	51357254	51357654	Promoter (<=1kb)	19	51345169	51357106	-148	ENSG00000105379	ETFB
NR4A2_Medium	chr19	51358334	51358734	Promoter (1-2kb)	19	51345169	51357106	-1228	ENSG00000105379	ETFB
NR4A2_Medium	chr19	51391734	51392134	Promoter (1-2kb)	19	51388289	51390591	-1143	ENSG00000262874	C19orf84
NR4A2_Medium	chr19	51488501	51488901	Promoter (9-10kb)	19	51478622	51490952	9879	ENSG00000213822	CEACAM18
NR4A2_Medium	chr19	51693978	51694378	Promoter (<=1kb)	19	51694210	51701770	0	ENSG00000182310	SPACA6
NR4A2_Medium	chr19	51875045	51875445	Promoter (3-4kb)	19	51855804	51871847	-3198	ENSG00000161551	ZNF577
NR4A2_Medium	chr19	52087062	52087462	Promoter (2-3kb)	19	52064466	52084888	-2174	ENSG00000197608	ZNF841
NR4A2_Medium	chr19	52101487	52101887	Promoter (5-6kb)	19	52064466	52095765	-5722	ENSG00000197608	ZNF841
NR4A2_Medium	chr19	52214003	52214403	Promoter (1-2kb)	19	52212830	52219734	1173	ENSG00000105568	PPP2R1A
NR4A2_Medium	chr19	52231541	52231941	Promoter (9-10kb)	19	52222020	52222098	9521	ENSG00000274380	MIR6801
NR4A2_Medium	chr19	52376137	52376537	Promoter (6-7kb)	19	52370093	52373151	6044	ENSG00000221923	ZNF880
NR4A2_Medium	chr19	52719465	52719865	Promoter (8-9kb)	19	52704732	52728786	8921	ENSG00000213020	ZNF611
NR4A2_Medium	chr19	52993392	52993792	Promoter (<=1kb)	19	52968251	52993524	0	ENSG00000242779	ZNF702P
NR4A2_Medium	chr19	53196834	53197234	Promoter (3-4kb)	19	53179568	53193386	-3448	ENSG00000197497	ZNF665
NR4A2_Medium	chr19	53279218	53279618	Promoter (2-3kb)	19	53282290	53284349	-2672	ENSG00000189348	FAM90A27P
NR4A2_Medium	chr19	53387312	53387712	Promoter (2-3kb)	19	53389793	53423097	-2081	ENSG00000196417	ZNF765
NR4A2_Medium	chr19	53515431	53515831	Promoter (3-4kb)	19	53519527	53532808	-3696	ENSG00000130844	ZNF331
NR4A2_Medium	chr19	53529196	53529596	Promoter (6-7kb)	19	53536323	53580269	-6727	ENSG00000130844	ZNF331
NR4A2_Medium	chr19	53627129	53627529	Promoter (4-5kb)	19	53632056	53637009	-4527	ENSG00000204595	DPRX
NR4A2_Medium	chr19	53757601	53758001	Promoter (<=1kb)	19	53758232	53758318	-231	ENSG00000221548	MIR1283-2
NR4A2_Medium	chr19	53788701	53789101	Promoter (<=1kb)	19	53788705	53788773	0	ENSG00000199143	MIR373
NR4A2_Medium	chr19	53794402	53794802	Promoter (5-6kb)	19	53788705	53788773	5697	ENSG00000199143	MIR373
NR4A2_Medium	chr19	53961221	53961621	Promoter (1-2kb)	19	53963040	53990215	-1419	ENSG00000142408	CACNG8
NR4A2_Medium	chr19	55199784	55200184	Promoter (7-8kb)	19	55205392	55207239	7055	ENSG00000080031	PTPRH
NR4A2_Medium	chr19	55292589	55292989	Promoter (8-9kb)	19	55284421	55302921	8168	ENSG00000160469	BRSK1
NR4A2_Medium	chr19	55448688	55449088	Promoter (5-6kb)	19	55428740	55442863	-5825	ENSG00000187902	SHISA7
NR4A2_Medium	chr19	55542257	55542657	Promoter (2-3kb)	19	55544248	55545522	2759	ENSG00000231274	SBK3
NR4A2_Medium	chr19	55622464	55622864	Promoter (1-2kb)	19	55621296	55624566	1702	ENSG00000179922	ZNF784
NR4A2_Medium	chr19	55661436	55661836	Promoter (<=1kb)	19	55662409	55674239	-663	ENSG00000063244	U2AF2
NR4A2_Medium	chr19	55750818	55751218	Promoter (7-8kb)	19	55759014	55763175	-7796	ENSG00000223638	RFPL4A
NR4A2_Medium	chr19	55945370	55945770	Promoter (2-3kb)	19	55947832	55988629	-2062	ENSG00000179709	NLRP8
NR4A2_Medium	chr19	56009149	56009549	Promoter (5-6kb)	19	56003735	56020423	5414	ENSG00000171487	NLRP5
NR4A2_Medium	chr19	56056416	56056816	Promoter (9-10kb)	19	56066684	56078801	-9868	ENSG00000267522	LINC01864
NR4A2_Medium	chr19	56098724	56099124	Promoter (4-5kb)	19	56089053	56103484	4360	ENSG00000142409	ZNF787
NR4A2_Medium	chr19	56158866	56159266	Promoter (1-2kb)	19	56157309	56159967	1557	ENSG00000167685	ZNF444
NR4A2_Medium	chr19	56169338	56169738	Promoter (6-7kb)	19	56176008	56185775	-6270	ENSG00000197487	GALP
NR4A2_Medium	chr19	56220116	56220516	Promoter (7-8kb)	19	56219670	56228290	7774	ENSG00000131848	ZSCAN5A
NR4A2_Medium	chr19	56287594	56287994	Promoter (3-4kb)	19	56284181	56310450	3413	ENSG00000267710	EDDM13
NR4A2_Medium	chr19	56296134	56296534	Promoter (<=1kb)	19	56295828	56297869	306	ENSG00000267710	EDDM13
NR4A2_Medium	chr19	56467465	56467865	Promoter (5-6kb)	19	56439325	56473068	5203	ENSG00000198046	ZNF667
NR4A2_Medium	chr19	57116363	57116763	Promoter (2-3kb)	19	57119138	57128767	-2375	ENSG00000131864	USP29
NR4A2_Medium	chr19	57324044	57324444	Promoter (3-4kb)	19	57320472	57330770	3572	ENSG00000178229	ZNF543
NR4A2_Medium	chr19	57548978	57549378	Promoter (<=1kb)	19	57542636	57547993	-985	ENSG00000251369	ZNF550
NR4A2_Medium	chr19	57669124	57669524	Promoter (<=1kb)	19	57668935	57679152	189	ENSG00000180532	ZSCAN4
NR4A2_Medium	chr19	57701328	57701728	Promoter (7-8kb)	19	57697367	57709168	7440	ENSG00000179909	ZNF154
NR4A2_Medium	chr19	57806885	57807285	Promoter (6-7kb)	19	57803841	57813404	6119	ENSG00000178935	ZNF552
NR4A2_Medium	chr19	58079699	58080099	Promoter (7-8kb)	19	58086174	58087377	7278	ENSG00000121413	ZSCAN18
NR4A2_Medium	chr19	58116185	58116585	Promoter (1-2kb)	19	58108802	58118366	1781	ENSG00000121413	ZSCAN18
NR4A2_Medium	chr19	58196202	58196602	Promoter (9-10kb)	19	58186947	58202468	9255	ENSG00000171606	ZNF274
NR4A2_Medium	chr19	58343254	58343654	Promoter (3-4kb)	19	58345178	58347634	3980	ENSG00000121410	A1BG
NR4A2_Medium	chr19	58384451	58384851	Promoter (1-2kb)	19	58386400	58394806	-1549	ENSG00000083845	RPS5
NR4A2_Medium	chr19	58391081	58391481	Promoter (1-2kb)	19	58393056	58394802	-1575	NA	MIR10394
NR4A2_Medium	chr20	354214	354614	Promoter (4-5kb)	20	349726	354848	4488	ENSG00000125841	NRSN2
NR4A2_Medium	chr20	360922	361322	Promoter (1-2kb)	20	362835	391386	-1513	ENSG00000101255	TRIB3
NR4A2_Medium	chr20	452990	453390	Promoter (9-10kb)	20	435480	462531	9141	ENSG00000125875	TBC1D20
NR4A2_Medium	chr20	453951	454351	Promoter (8-9kb)	20	435480	462531	8180	ENSG00000125875	TBC1D20
NR4A2_Medium	chr20	1182607	1183007	Promoter (1-2kb)	20	1180561	1184473	1466	ENSG00000125895	TMEM74B
NR4A2_Medium	chr20	1295476	1295876	Promoter (<=1kb)	20	1295774	1309325	0	ENSG00000101298	SNPH
NR4A2_Medium	chr20	1779580	1779980	Promoter (<=1kb)	20	1773365	1779746	0	ENSG00000232528	LOC100289473
NR4A2_Medium	chr									

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr20	7361877	7362277	Promoter (9-10kb)	20	7371608	7371692	-9331	ENSG00000278159	MIR8062
NR4A2_Medium	chr20	8135049	8135449	Promoter (2-3kb)	20	8132649	8802493	2400	ENSG00000182621	PLCB1
NR4A2_Medium	chr20	10294323	10294723	Promoter (1-2kb)	20	10296230	10307418	-1507	ENSG00000132639	SNAP25
NR4A2_Medium	chr20	10606303	10606703	Promoter (7-8kb)	20	10598675	10636829	7628	ENSG00000149346	SLX4IP
NR4A2_Medium	chr20	10654283	10654683	Promoter (1-2kb)	20	10641580	10652722	-1561	ENSG00000101384	JAG1
NR4A2_Medium	chr20	12953697	12954097	Promoter (1-2kb)	20	12865202	12952519	-1178	ENSG00000233048	LINC01722
NR4A2_Medium	chr20	13220241	13220641	Promoter (<=1kb)	20	13221274	13300651	-633	ENSG00000101230	ISM1
NR4A2_Medium	chr20	13240419	13240819	Promoter (<=1kb)	20	13237801	13239674	-745	NA	ISM1-AS1
NR4A2_Medium	chr20	17514876	17515276	Promoter (<=1kb)	20	17506828	17514741	-135	ENSG00000125864	BFSP1
NR4A2_Medium	chr20	17649184	17649584	Promoter (6-7kb)	20	17641445	17643085	-6099	ENSG00000125844	RRBP1
NR4A2_Medium	chr20	18580529	18580929	Promoter (6-7kb)	20	18587893	18763917	-6964	ENSG00000125821	DTD1
NR4A2_Medium	chr20	18836293	18836693	Promoter (6-7kb)	20	18809728	18830153	-6140	NA	SCP2D1-AS1
NR4A2_Medium	chr20	23095668	23096068	Promoter (9-10kb)	20	23079360	23086324	-9344	ENSG00000125810	CD93
NR4A2_Medium	chr20	23875808	23876208	Promoter (3-4kb)	20	23875934	23879748	3540	ENSG00000170367	CST5
NR4A2_Medium	chr20	23980040	23980440	Promoter (6-7kb)	20	23985050	23986795	6355	ENSG00000149435	GGTLC1
NR4A2_Medium	chr20	23982007	23982407	Promoter (4-5kb)	20	23985050	23986795	4388	ENSG00000149435	GGTLC1
NR4A2_Medium	chr20	24942848	24943248	Promoter (6-7kb)	20	24949269	24959928	-6021	ENSG00000077984	CST7
NR4A2_Medium	chr20	25022846	25023246	Promoter (9-10kb)	20	25006230	25032706	9460	ENSG00000154930	ACSS1
NR4A2_Medium	chr20	25298619	25299019	Promoter (4-5kb)	20	25293901	25296636	4718	ENSG00000100994	PYGB
NR4A2_Medium	chr20	25325825	25326225	Promoter (5-6kb)	20	25303578	25319825	-6000	ENSG00000100997	ABHD12
NR4A2_Medium	chr20	25468278	25468678	Promoter (5-6kb)	20	25455673	25462742	-5536	ENSG00000101004	NINL
NR4A2_Medium	chr20	25867691	25868091	Promoter (<=1kb)	20	25774222	25868132	41	NA	LOC101926935
NR4A2_Medium	chr20	25986548	25986948	Promoter (1-2kb)	20	25985210	26082964	1338	ENSG00000125804	FAM182A
NR4A2_Medium	chr20	25987597	25987997	Promoter (2-3kb)	20	25985210	26082964	2387	ENSG00000125804	FAM182A
NR4A2_Medium	chr20	26058634	26059034	Promoter (<=1kb)	20	26059639	26082959	-605	ENSG00000125804	FAM182A
NR4A2_Medium	chr20	26074050	26074452	Promoter (1-2kb)	20	26072673	26082955	1377	ENSG00000125804	FAM182A
NR4A2_Medium	chr20	30283707	30284107	Promoter (5-6kb)	20	30278906	30289205	5098	NA	LINC01597
NR4A2_Medium	chr20	31485702	31486102	Promoter (<=1kb)	20	31485778	31487574	0	ENSG00000233354	LINC00028
NR4A2_Medium	chr20	31558674	31559074	Promoter (<=1kb)	20	31559616	31577923	-542	ENSG00000101294	HM13
NR4A2_Medium	chr20	31873201	31873601	Promoter (2-3kb)	20	31871127	31944962	2074	ENSG00000131044	TTL9
NR4A2_Medium	chr20	31973403	31973803	Promoter (5-6kb)	20	31968151	32003387	5252	ENSG00000260903	XKR7
NR4A2_Medium	chr20	32112166	32112566	Promoter (2-3kb)	20	32109767	32141606	2399	ENSG00000101337	TM9SF4
NR4A2_Medium	chr20	32528372	32528772	Promoter (6-7kb)	20	32527765	32535598	6826	ENSG00000197183	NOL4L
NR4A2_Medium	chr20	32567757	32568157	Promoter (2-3kb)	20	32564992	32608890	2765	ENSG00000204393	NOL4L-DT
NR4A2_Medium	chr20	32653476	32653876	Promoter (1-2kb)	20	32650390	32651759	-1717	ENSG00000198547	C20orf203
NR4A2_Medium	chr20	32767892	32768292	Promoter (5-6kb)	20	32762642	32808069	5250	ENSG00000088305	DNMT3B
NR4A2_Medium	chr20	33288415	33288815	Promoter (5-6kb)	20	33283214	33309871	5201	ENSG00000125999	BPIFB1
NR4A2_Medium	chr20	33295614	33296014	Promoter (2-3kb)	20	33298713	33307966	-2699	ENSG00000125999	BPIFB1
NR4A2_Medium	chr20	33792605	33793005	Promoter (<=1kb)	20	33787373	33793027	22	ENSG00000230753	ZNF341-AS1
NR4A2_Medium	chr20	33821121	33821521	Promoter (9-10kb)	20	33811348	33854366	9773	ENSG00000101421	CHMP4B
NR4A2_Medium	chr20	34044433	34044833	Promoter (4-5kb)	20	34049119	34049190	-4286	ENSG00000264616	MIR4755
NR4A2_Medium	chr20	34077065	34077465	Promoter (<=1kb)	20	34077213	34108308	0	ENSG00000125970	RALY
NR4A2_Medium	chr20	34257664	34258064	Promoter (2-3kb)	20	34260365	34269344	-2301	ENSG00000101440	ASIP
NR4A2_Medium	chr20	34463708	34464108	Promoter (2-3kb)	20	34466325	34466418	-2217	ENSG00000207997	MIR644A
NR4A2_Medium	chr20	34561218	34561618	Promoter (2-3kb)	20	34558775	34560345	2443	ENSG00000101460	MAP1LC3A
NR4A2_Medium	chr20	34619131	34619531	Promoter (3-4kb)	20	34560903	34616093	-3038	ENSG00000101464	PIGU
NR4A2_Medium	chr20	34858346	34858746	Promoter (5-6kb)	20	34845013	34852481	-5865	ENSG00000131067	GGT7
NR4A2_Medium	chr20	34919321	34919721	Promoter (<=1kb)	20	34920532	34926276	-811	ENSG00000131069	ACSS2
NR4A2_Medium	chr20	35281467	35281867	Promoter (1-2kb)	20	35267885	35280043	-1424	ENSG00000242372	EIF6
NR4A2_Medium	chr20	35314302	35314702	Promoter (<=1kb)	20	35303971	35315436	734	ENSG00000101019	UQCC1
NR4A2_Medium	chr20	35396981	35397381	Promoter (2-3kb)	20	35303453	35394203	-2778	ENSG00000101019	UQCC1
NR4A2_Medium	chr20	35415704	35416104	Promoter (3-4kb)	20	35302566	35412031	-3673	ENSG00000101019	UQCC1
NR4A2_Medium	chr20	35467605	35468005	Promoter (1-2kb)	20	35465764	35467316	1841	ENSG00000126001	CEP250
NR4A2_Medium	chr20	35515872	35516272	Promoter (5-6kb)	20	35509998	35517531	5874	ENSG00000126001	CEP250
NR4A2_Medium	chr20	35850024	35850424	Promoter (<=1kb)	20	35849389	35863376	635	ENSG0000025293	PHF20
NR4A2_Medium	chr20	35865874	35866274	Promoter (3-4kb)	20	35869530	35871893	-3256	ENSG0000025293	PHF20
NR4A2_Medium	chr20	35870793	35871193	Promoter (1-2kb)	20	35869530	35871893	1263	ENSG0000025293	PHF20
NR4A2_Medium	chr20	35966863	35967263	Promoter (1-2kb)	20	35968590	36030700	-1327	ENSG00000149646	CNBD2
NR4A2_Medium	chr20	36193722	36194122	Promoter (2-3kb)	20	36190765	36221944	2957	ENSG00000088367	EPB41L1
NR4A2_Medium	chr20	36314757	36315157	Promoter (8-9kb)	20	36306381	36528633	8376	ENSG00000080845	DLGAP4
NR4A2_Medium	chr20	36483709	36484109	Promoter (8-9kb)	20	36492383	36527231	-8274	ENSG00000080845	DLGAP4
NR4A2_Medium	chr20	36617301	36617701	Promoter (9-10kb)	20	36607805	36612557	9496	ENSG00000101084	RAB5IF
NR4A2_Medium	chr20	36724873	36725273	Promoter (3-4kb)	20	36652375	36721787	-3086	ENSG00000101079	NDRG3
NR4A2_Medium	chr20	36896058	36896458	Promoter (8-9kb)	20	36887455	36894235	8603	ENSG00000101342	TLDC2
NR4A2_Medium	chr20	37261789	37262189	Promoter (<=1kb)	20	37251082	37261835	0	ENSG00000118702	GHRH
NR4A2_Medium	chr20	37911073	37911473	Promoter (7-8kb)	20	37903142	37944136	7931	ENSG00000132821	VSTM2L
NR4A2_Medium	chr20	38070864	38071264	Promoter (4-5kb)	20	38066181	38070617	4683	ENSG00000101413	RPRD1B
NR4A2_Medium	chr20	38313636	38314036	Promoter (3-4kb)	20	38317649	38337325	-3613	ENSG00000101425	BPI
NR4A2_Medium	chr20	38421271	38421671	Promoter (<=1kb)	20	38420592	38421392	0	ENSG00000196756	SNHG17
NR4A2_Medium	chr20	38652970	38653370	Promoter (5-6kb)	20	38647063	38651035	5907	ENSG00000124143	ARHGAP40
NR4A2_Medium	chr20	38920727	38921127	Promoter (5-6kb)	20	38926312	38953106	-5185	ENSG00000101447	FAM83D
NR4A2_Medium	chr20	39226159	39226559	Promoter (1-2kb)	20	39213777	39224748	-1411	ENSG00000230324	LINC01734
NR4A2_Medium	chr20	41128738	41129138	Promoter (7-8kb)	20	41136960	41175721	-7822	ENSG00000124181	PLCG1
NR4A2_Medium	chr20	41262023	41262423	Promoter (9-10kb)	20	41238727	41272245	9822	ENSG00000174306	ZHX3
NR4A2_Medium	chr20	42480689	42481089	Promoter (8-9kb)	20	42072774	42472569	-8120	ENSG00000196090	PTPRT
NR4A2_Medium	chr20	42680766	42681166	Promoter (4-5kb)	20	42685404	42686217	-4238	ENSG00000229042	LOC101927159
NR4A2_Medium	chr20	42958237	42958637	Promoter (7-8kb)	20	42885842	42966419	7782	ENSG00000196090	PTPRT
NR4A2_Medium	chr20	43667989	43668389	Promoter (<=1kb)	20	43667114	43716482	875	ENSG00000101057	MYBL2
NR4A2_Medium	chr20	43903805	43904205	Promoter (9-10kb)	20	43894720	43895468	9085	ENSG00000233277	LINC01728
NR4A2_Medium	chr20	44050483	44050883	Promoter (3-4kb)	20	44054351	44069616	-3468	ENSG00000124191	TOX2
NR4A2_Medium	chr20	44179722	44180122	Promoter (6-7kb)	20	44176817	44187093	6971	ENSG00000149596	JPH2
NR4A2_Medium	chr20	44536413	44536813	Promoter (4-5kb)	20	44531916	44624247	4497	ENSG00000168734	PKIG
NR4A2_Medium	chr20	44559847	44560247	Promoter (3-4kb)	20	44564201	44614768	-3954	ENSG00000168734	PKIG
NR4A2_Medium	chr20	45109108	45109508	Promoter (5-6kb)	20	45109452	45115162	5654	ENSG00000175121	WFDC5
NR4A2_Medium	chr20	45913221	45913621	Promoter (1-2kb)	20	45898806	45912155	-1066	ENSG00000100979	PLTP
NR4A2_Medium	chr20	45962469	45962869	Promoter (1-2kb)	20	45961506	45964516	1647	ENSG00000198026	ZNF335
NR4A2_Medium	chr20	46312107	46312507	Promoter (3-4kb)	20	46173739	46308498	-3609	ENSG00000149654	CDH22
NR4A2_Medium	chr20	47302736	47303136	Promoter (3-4kb)	20	47210413	47298900	-3836	ENSG00000101040	ZMYND8
NR4A2_Medium	chr20	48659123	48659523	Promoter (1-2kb)	20	48624252	48657127	-1996	ENSG00000124126	PREX1
NR4A2_Medium	chr20	49153373	49153773	Promoter (<=1kb)	20	49113341	49154068	295	ENSG00000124214	STAU1
NR4A2_Medium	chr20	49261865	49262265	Promoter (8-9kb)	20	49255933	49271223	8958	ENSG00000124201	ZNFX1
NR4A2_Medium	chr20	49923626	49924026	Promoter (8-9kb)	20	49903391	49915529	-8097	ENSG00000158480	SPATA2
NR4A2_Medium	chr20	50330248	50330648	Promoter (8-9kb)	20	50310711	50321342	-8906	ENSG00000233077	LINC01271
NR4A2_Medium	chr20	50804571	50804971	Promoter (9-10kb)	20	50795100	50833020	9471	ENSG00000124243	BCAS4
NR4A2_Medium										



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr20	57392167	57392567	Promoter (<=1kb)	20	57392230	57407860	0	ENSG00000132819	RBM38
NR4A2_Medium	chr20	58520046	58520446	Promoter (2-3kb)	20	58523160	58573824	-2714	ENSG00000231290	APCDD1L-DT
NR4A2_Medium	chr20	58694934	58695334	Promoter (<=1kb)	20	58694421	58713580	513	ENSG00000254995	STX16-NPEPL1
NR4A2_Medium	chr20	58814762	58815162	Promoter (2-3kb)	20	58817615	58817694	2532	ENSG00000284040	MIR296
NR4A2_Medium	chr20	58986664	58987064	Promoter (<=1kb)	20	58987710	58995133	-646	ENSG00000101158	NELFCD
NR4A2_Medium	chr20	59187715	59188115	Promoter (2-3kb)	20	59191020	59259110	-2905	ENSG00000124203	ZNF831
NR4A2_Medium	chr20	59604604	59605004	Promoter (<=1kb)	20	59604540	59847711	64	ENSG00000087495	PHACTR3
NR4A2_Medium	chr20	59828943	59829343	Promoter (6-7kb)	20	59835853	59847711	-6510	ENSG00000087495	PHACTR3
NR4A2_Medium	chr20	59980170	59980570	Promoter (5-6kb)	20	59986014	59989153	-5444	ENSG00000124215	CDH26
NR4A2_Medium	chr20	60298769	60299169	Promoter (9-10kb)	20	60308474	60308567	-9305	ENSG00000207802	MIR646
NR4A2_Medium	chr20	61721469	61721869	Promoter (1-2kb)	20	61717506	61719748	-1721	ENSG00000179253	LOC100128310
NR4A2_Medium	chr20	62177628	62178028	Promoter (5-6kb)	20	62183029	62194053	-5001	ENSG00000101181	MTG2
NR4A2_Medium	chr20	62293744	62294144	Promoter (2-3kb)	20	62291562	62294114	2182	ENSG00000130703	OSBPL2
NR4A2_Medium	chr20	62327180	62327580	Promoter (<=1kb)	20	62325140	62326631	-549	ENSG00000130702	LAMA5
NR4A2_Medium	chr20	62433399	62433799	Promoter (5-6kb)	20	62410237	62427539	-5860	ENSG00000130701	RBBP8NL
NR4A2_Medium	chr20	62757625	62758025	Promoter (<=1kb)	20	62756631	62762771	994	ENSG00000101188	NTSR1
NR4A2_Medium	chr20	62782948	62783348	Promoter (5-6kb)	20	62774121	62776996	-5952	ENSG00000228705	LINC00659
NR4A2_Medium	chr20	62824766	62825166	Promoter (2-3kb)	20	62822609	62828976	2157	ENSG00000092758	COL9A3
NR4A2_Medium	chr20	62913032	62913432	Promoter (<=1kb)	20	62905006	62914406	974	ENSG00000101191	DIDO1
NR4A2_Medium	chr20	62963944	62964344	Promoter (<=1kb)	20	62965006	62968597	-662	ENSG00000101194	SLC17A9
NR4A2_Medium	chr20	63033455	63033855	Promoter (2-3kb)	20	63034383	63036353	2498	NA	LINC00029
NR4A2_Medium	chr20	63172436	63172836	Promoter (5-6kb)	20	63178500	63178586	-5664	ENSG00000207598	MIR124-3
NR4A2_Medium	chr20	63242536	63242936	Promoter (3-4kb)	20	63238779	63238842	3757	ENSG00000266463	MIR3196
NR4A2_Medium	chr20	63270057	63270457	Promoter (2-3kb)	20	63241390	63272694	2237	ENSG00000101198	NKAIN4
NR4A2_Medium	chr20	63309333	63309733	Promoter (9-10kb)	20	63319086	63328498	-9353	ENSG00000101203	COL20A1
NR4A2_Medium	chr20	63314039	63314439	Promoter (4-5kb)	20	63319086	63328498	-4647	ENSG00000101203	COL20A1
NR4A2_Medium	chr20	63492324	63492724	Promoter (6-7kb)	20	63490081	63498748	6024	ENSG00000101210	EEF1A2
NR4A2_Medium	chr20	63523313	63523713	Promoter (2-3kb)	20	63520777	63521949	2536	ENSG00000125534	PPDPF
NR4A2_Medium	chr20	63617996	63618396	Promoter (1-2kb)	20	63587602	63619876	1480	ENSG00000101216	GMEB2
NR4A2_Medium	chr20	63627887	63628287	Promoter (<=1kb)	20	63627250	63628707	637	ENSG00000232442	MHENCN
NR4A2_Medium	chr20	63670728	63671128	Promoter (5-6kb)	20	63665066	63674052	5662	ENSG00000258366	RTEL1
NR4A2_Medium	chr20	63868825	63869225	Promoter (3-4kb)	20	63865294	63891545	3531	ENSG00000101150	TPD52L2
NR4A2_Medium	chr20	64042103	64042503	Promoter (3-4kb)	20	64038140	64039778	3963	ENSG00000196421	C20orf204
NR4A2_Medium	chr20	64075560	64075960	Promoter (1-2kb)	20	64076955	64077010	1050	ENSG00000274034	MIR6813
NR4A2_Medium	chr21	8219749	8220176	Promoter (7-8kb)	21	8212572	8212724	7177	ENSG00000276700	RNA5-8SN4
NR4A2_Medium	chr21	8991772	8992172	Promoter (4-5kb)	21	8986999	8987178	4773	ENSG00000275708	MIR3648-1
NR4A2_Medium	chr21	9823879	9824279	Promoter (7-8kb)	21	9781910	9816833	-7046	ENSG00000280081	LINC01667
NR4A2_Medium	chr21	13403339	13403739	Promoter (2-3kb)	21	13406384	13406460	2721	ENSG00000266211	MIR3156-3
NR4A2_Medium	chr21	13514289	13514689	Promoter (1-2kb)	21	13516107	13574999	-1418	ENSG00000228159	LINC01674
NR4A2_Medium	chr21	14842234	14842634	Promoter (8-9kb)	21	14824254	14833656	-8578	NA	LINC02246
NR4A2_Medium	chr21	16425235	16425635	Promoter (4-5kb)	21	16420576	16609792	4659	ENSG00000215386	MIR99AHG
NR4A2_Medium	chr21	22098342	22098742	Promoter (<=1kb)	21	22009158	22098459	0	ENSG00000233215	LINC01687
NR4A2_Medium	chr21	25406348	25406748	Promoter (6-7kb)	21	25385823	25399363	-6985	ENSG00000185433	LINC00158
NR4A2_Medium	chr21	26089159	26089559	Promoter (<=1kb)	21	25945524	26090061	502	ENSG00000142192	APP
NR4A2_Medium	chr21	26117314	26117714	Promoter (5-6kb)	21	26089511	26112083	-5231	ENSG00000142192	APP
NR4A2_Medium	chr21	26951305	26951705	Promoter (2-3kb)	21	26953961	26954043	-2256	ENSG00000266133	MIR4759
NR4A2_Medium	chr21	28175977	28176377	Promoter (5-6kb)	21	28163602	28170143	-5834	ENSG00000236532	LINC01695
NR4A2_Medium	chr21	29056230	29056630	Promoter (4-5kb)	21	29052123	29054488	4107	ENSG00000156256	USP16
NR4A2_Medium	chr21	29075296	29075696	Promoter (1-2kb)	21	29056322	29073797	-1499	ENSG00000156261	CCT8
NR4A2_Medium	chr21	29309721	29310121	Promoter (4-5kb)	21	29305203	29326336	4518	ENSG00000156273	BACH1
NR4A2_Medium	chr21	30322536	30322936	Promoter (2-3kb)	21	30319124	30320315	-2221	ENSG00000197683	KRTAP26-1
NR4A2_Medium	chr21	30597732	30598132	Promoter (<=1kb)	21	30598590	30598902	770	ENSG00000186930	KRTAP6-2
NR4A2_Medium	chr21	31157453	31157853	Promoter (3-4kb)	21	31118458	31160909	3056	ENSG00000156299	TIAM1
NR4A2_Medium	chr21	31334954	31335354	Promoter (8-9kb)	21	31266296	31344279	8925	ENSG00000156299	TIAM1
NR4A2_Medium	chr21	31657327	31657727	Promoter (1-2kb)	21	31659622	31668931	-1895	ENSG00000142168	SOD1
NR4A2_Medium	chr21	31878349	31878749	Promoter (5-6kb)	21	31873020	32004064	5329	ENSG00000142149	HUNK
NR4A2_Medium	chr21	32289012	32289412	Promoter (2-3kb)	21	32291813	32312290	-2401	ENSG00000170262	MRAP
NR4A2_Medium	chr21	32575785	32576185	Promoter (<=1kb)	21	32572238	32575881	0	ENSG00000265590	CFAP298-TCP10L
NR4A2_Medium	chr21	32586063	32586463	Promoter (<=1kb)	21	32576659	32585533	-530	ENSG00000242220	TCP10L
NR4A2_Medium	chr21	32600549	32600949	Promoter (2-3kb)	21	32592079	32603237	2288	ENSG00000159079	CFAP298
NR4A2_Medium	chr21	32958273	32958673	Promoter (<=1kb)	21	32958888	32960566	-215	ENSG00000228961	LINC01690
NR4A2_Medium	chr21	33065686	33066086	Promoter (4-5kb)	21	33070141	33072413	-4055	ENSG00000184221	OLIG1
NR4A2_Medium	chr21	33591740	33592140	Promoter (<=1kb)	21	33589461	33591718	-22	ENSG00000205758	CRYZL1
NR4A2_Medium	chr21	33879021	33879421	Promoter (3-4kb)	21	33875360	33886354	3661	ENSG00000205726	ITSN1
NR4A2_Medium	chr21	34072929	34073329	Promoter (<=1kb)	21	34073224	34143034	0	ENSG00000243927	MRPS6
NR4A2_Medium	chr21	34562431	34562831	Promoter (2-3kb)	21	34516484	34560179	-2252	ENSG00000159200	RCAN1
NR4A2_Medium	chr21	34823940	34824340	Promoter (5-6kb)	21	34821279	34829970	5630	ENSG00000159216	RUNX1
NR4A2_Medium	chr21	34889629	34890029	Promoter (<=1kb)	21	34834410	34889790	0	ENSG00000159216	RUNX1
NR4A2_Medium	chr21	35040501	35040901	Promoter (8-9kb)	21	34892925	35049270	8369	ENSG00000159216	RUNX1
NR4A2_Medium	chr21	36133265	36133665	Promoter (<=1kb)	21	36132801	36134006	341	ENSG00000236830	CBR3-AS1
NR4A2_Medium	chr21	36371492	36371892	Promoter (1-2kb)	21	36369611	36386148	1881	ENSG00000159256	MORC3
NR4A2_Medium	chr21	36983533	36983933	Promoter (2-3kb)	21	36750888	36980964	-2569	ENSG00000159267	HLCS
NR4A2_Medium	chr21	37117483	37117883	Promoter (9-10kb)	21	37107738	37203112	9745	ENSG00000182670	TTC3
NR4A2_Medium	chr21	38743051	38743451	Promoter (<=1kb)	21	38739021	38742517	-534	ENSG00000223806	LINC00114
NR4A2_Medium	chr21	39375953	39376353	Promoter (1-2kb)	21	39377698	39406615	-1345	ENSG00000182093	GET1
NR4A2_Medium	chr21	39405628	39406028	Promoter (4-5kb)	21	39410869	39428528	-4841	ENSG00000182093	GET1
NR4A2_Medium	chr21	39409318	39409718	Promoter (1-2kb)	21	39410869	39428528	-1151	ENSG00000182093	GET1
NR4A2_Medium	chr21	39555397	39555797	Promoter (<=1kb)	21	39556442	39673137	-645	ENSG00000183778	B3GALT5
NR4A2_Medium	chr21	39760583	39760983	Promoter (9-10kb)	21	39751172	39788188	9411	ENSG00000183067	IGSF5
NR4A2_Medium	chr21	40639099	40639499	Promoter (8-9kb)	21	40618507	40630767	-8332	ENSG00000233756	DSCAM-IT1
NR4A2_Medium	chr21	41179023	41179423	Promoter (1-2kb)	21	41175231	41180818	1395	ENSG00000280109	PLAC4
NR4A2_Medium	chr21	41508885	41509285	Promoter (<=1kb)	21	41466009	41508158	-727	ENSG00000184012	TMPRSS2
NR4A2_Medium	chr21	41756431	41756831	Promoter (9-10kb)	21	41746772	41746841	-9590	ENSG00000275166	MIR6814
NR4A2_Medium	chr21	41830344	41830744	Promoter (4-5kb)	21	41821191	41835518	4774	ENSG00000141956	PRDM15
NR4A2_Medium	chr21	41840125	41840525	Promoter (3-4kb)	21	41828321	41836932	-3193	ENSG00000141956	PRDM15
NR4A2_Medium	chr21	42026994	42027394	Promoter (4-5kb)	21	42022267	42024924	4727	ENSG00000237232	ZNF295-AS1
NR4A2_Medium	chr21	42106410	42106810	Promoter (1-2kb)	21	42102134	42108534	1724	ENSG00000184385	UMODL1-AS1
NR4A2_Medium	chr21	42273365	42273765	Promoter (2-3kb)	21	42276344	42297244	-2579	ENSG00000160179	ABCG1
NR4A2_Medium	chr21	42349061	42349461	Promoter (1-2kb)	21	42346357	42350994	1533	ENSG00000160181	TFF2
NR4A2_Medium	chr21	42388318	42388718	Promoter (<=1kb)	21	42371890	42389118	400	ENSG00000160183	TMPRSS3
NR4A2_Medium	chr21	42617151	42617551	Promoter (2-3kb)	21	42599280	42615058	-2093	ENSG00000225431	LINC01671
NR4A2_Medium	chr21	42690917	42691317	Promoter (4-5kb)	21	42686197	42762139	4720	ENSG00000160191	PDE9A
NR4A2_Medium	chr21	43340864	43341264	Promoter (8-9kb)	21	43322417	43332039	-8825	NA	LINC00322
NR4A2_Medium	chr21	43467697	43468097	Promoter (2-3kb)	21	43462094	43464973	-2		

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr21	45507303	45507703	Promoter (1-2kb)	21	45506019	45512567	1284	ENSG00000182871	COL18A1
NR4A2_Medium	chr21	45508167	45508567	Promoter (2-3kb)	21	45506019	45512567	2148	ENSG00000182871	COL18A1
NR4A2_Medium	chr21	45529362	45529762	Promoter (1-2kb)	21	45493572	45531541	1779	ENSG00000173638	SLC19A1
NR4A2_Medium	chr21	45635684	45636084	Promoter (7-8kb)	21	45643694	45788739	-7610	ENSG00000183570	PCBP3
NR4A2_Medium	chr21	45896373	45896773	Promoter (<=1kb)	21	45896294	45941706	79	ENSG00000183570	PCBP3
NR4A2_Medium	chr21	45910869	45911269	Promoter (2-3kb)	21	45914038	45941883	-2769	ENSG00000183570	PCBP3
NR4A2_Medium	chr21	45912215	45912615	Promoter (1-2kb)	21	45914038	45941883	-1423	ENSG00000183570	PCBP3
NR4A2_Medium	chr21	45984744	45985421	Promoter (1-2kb)	21	45987109	45987633	-1688	ENSG00000142156	COL6A1
NR4A2_Medium	chr21	45999846	46000246	Promoter (<=1kb)	21	45999400	46000928	446	ENSG00000142156	COL6A1
NR4A2_Medium	chr21	46123557	46124120	Promoter (2-3kb)	21	46120560	46125894	2997	ENSG00000142173	COL6A2
NR4A2_Medium	chr21	46268090	46268490	Promoter (<=1kb)	21	46235133	46268062	-28	ENSG00000160294	MCM3AP
NR4A2_Medium	chr21	46307004	46307404	Promoter (4-5kb)	21	46301710	46311631	4227	ENSG00000160298	C21orf58
NR4A2_Medium	chr21	46466994	46467394	Promoter (4-5kb)	21	46462471	46469306	4523	ENSG00000223692	DIP2A-IT1
NR4A2_Medium	chr22	17076153	17076553	Promoter (8-9kb)	22	17084954	17100469	-8401	ENSG00000177663	IL17RA
NR4A2_Medium	chr22	17185024	17185424	Promoter (3-4kb)	22	17182641	17188727	3303	ENSG00000093072	ADA2
NR4A2_Medium	chr22	17886822	17887222	Promoter (8-9kb)	22	17860163	17895288	8066	ENSG00000243156	MICAL3
NR4A2_Medium	chr22	18991454	18991854	Promoter (1-2kb)	22	18989919	19020248	1535	ENSG00000273032	DGCR5
NR4A2_Medium	chr22	18995916	18996316	Promoter (1-2kb)	22	18998274	19014786	-1958	ENSG00000273032	DGCR5
NR4A2_Medium	chr22	19006782	19007182	Promoter (8-9kb)	22	18998274	19014786	8508	ENSG00000273032	DGCR5
NR4A2_Medium	chr22	19054565	19054965	Promoter (2-3kb)	22	19037837	19057053	2088	ENSG00000070413	DGCR2
NR4A2_Medium	chr22	19219487	19219887	Promoter (6-7kb)	22	19221573	19226320	6433	ENSG00000070371	CLTCL1
NR4A2_Medium	chr22	19223493	19223893	Promoter (2-3kb)	22	19221573	19226320	2427	ENSG00000070371	CLTCL1
NR4A2_Medium	chr22	19297834	19298234	Promoter (6-7kb)	22	19179473	19291719	-6115	ENSG00000070371	CLTCL1
NR4A2_Medium	chr22	19896060	19896460	Promoter (1-2kb)	22	19875522	19898041	1581	ENSG00000184470	TXNRD2
NR4A2_Medium	chr22	19999556	19999956	Promoter (8-9kb)	22	19971228	19990794	-8762	ENSG00000099889	ARVCF
NR4A2_Medium	chr22	20122984	20123384	Promoter (<=1kb)	22	20122607	20127353	377	ENSG00000099901	RANBP1
NR4A2_Medium	chr22	20691341	20691741	Promoter (1-2kb)	22	20690031	20691317	1310	NA	POM121L4P
NR4A2_Medium	chr22	21735108	21735508	Promoter (<=1kb)	22	21704082	21735755	247	ENSG00000100027	YPEL1
NR4A2_Medium	chr22	21975322	21975722	Promoter (<=1kb)	22	21972219	21975796	74	ENSG00000100038	TOP3B
NR4A2_Medium	chr22	22291684	22292084	Promoter (6-7kb)	22	22298124	22329122	-6040	NA	BMS1P20
NR4A2_Medium	chr22	23120006	23120406	Promoter (1-2kb)	22	23122378	23123342	-1972	ENSG00000128266	GNAZ
NR4A2_Medium	chr22	23533779	23534179	Promoter (2-3kb)	22	23536881	23539480	-2702	NA	PCAT14
NR4A2_Medium	chr22	24545136	24545536	Promoter (1-2kb)	22	24542830	24544083	-1053	ENSG00000138867	GUCD1
NR4A2_Medium	chr22	24556224	24556624	Promoter (<=1kb)	22	24556032	24609150	192	ENSG00000100028	SNRPD3
NR4A2_Medium	chr22	24633441	24633841	Promoter (<=1kb)	22	24632954	24650012	487	NA	BCRP3
NR4A2_Medium	chr22	24660928	24661328	Promoter (9-10kb)	22	24645171	24651657	-9271	NA	POM121L10P
NR4A2_Medium	chr22	24777752	24778152	Promoter (3-4kb)	22	24719472	24774720	-3032	ENSG00000184571	PIWIL3
NR4A2_Medium	chr22	25115892	25116292	Promoter (3-4kb)	22	25102433	25112692	-3200	ENSG00000203280	KIAA1671-AS1
NR4A2_Medium	chr22	25203320	25203720	Promoter (3-4kb)	22	25199873	25207267	3447	ENSG00000100053	CRYBB3
NR4A2_Medium	chr22	25740812	25741212	Promoter (<=1kb)	22	25742144	26027766	-932	ENSG00000133454	MYO18B
NR4A2_Medium	chr22	26373753	26374153	Promoter (9-10kb)	22	26364749	26377720	9004	ENSG00000100095	SEZ6L
NR4A2_Medium	chr22	26692368	26692768	Promoter (<=1kb)	22	26693693	26719686	-925	NA	MIATNB
NR4A2_Medium	chr22	27069605	27070005	Promoter (8-9kb)	22	27057513	27061247	-8358	ENSG00000236858	LOC284898
NR4A2_Medium	chr22	27310191	27310591	Promoter (<=1kb)	22	27310651	27317456	-60	ENSG00000226741	LINC02554
NR4A2_Medium	chr22	28791029	28791429	Promoter (5-6kb)	22	28794559	28797045	5616	ENSG00000100219	XBP1
NR4A2_Medium	chr22	28984548	28984948	Promoter (2-3kb)	22	28987052	29053965	-2104	ENSG00000183579	ZNRF3
NR4A2_Medium	chr22	29053903	29054303	Promoter (7-8kb)	22	29058672	29061844	7541	ENSG00000100249	C22orf31
NR4A2_Medium	chr22	29122152	29122552	Promoter (<=1kb)	22	29121441	29138771	711	ENSG00000183762	KREMEN1
NR4A2_Medium	chr22	29139254	29139654	Promoter (2-3kb)	22	29142030	29154769	-2376	ENSG00000183762	KREMEN1
NR4A2_Medium	chr22	29308903	29309303	Promoter (<=1kb)	22	29310279	29311107	-976	ENSG00000185340	GAS2L1
NR4A2_Medium	chr22	29350465	29350865	Promoter (<=1kb)	22	29349273	29351747	882	ENSG00000100280	AP1B1
NR4A2_Medium	chr22	29509426	29509826	Promoter (1-2kb)	22	29508329	29511442	1616	ENSG00000100296	THOC5
NR4A2_Medium	chr22	29644324	29644724	Promoter (9-10kb)	22	29654657	29695059	-9933	ENSG00000186575	NF2
NR4A2_Medium	chr22	30637724	30638124	Promoter (1-2kb)	22	30636523	30669016	1201	ENSG00000100036	SLC35E4
NR4A2_Medium	chr22	30811477	30811877	Promoter (8-9kb)	22	30803086	30889635	8391	ENSG00000184792	OSBP2
NR4A2_Medium	chr22	30933445	30933845	Promoter (<=1kb)	22	30926611	30932894	-551	ENSG00000133422	MORC2
NR4A2_Medium	chr22	31094376	31094776	Promoter (<=1kb)	22	31095560	31104624	-784	ENSG00000183963	SMTN
NR4A2_Medium	chr22	31107834	31108234	Promoter (<=1kb)	22	31104779	31107568	-266	ENSG00000198832	SELENOM
NR4A2_Medium	chr22	31145999	31146399	Promoter (5-6kb)	22	31134807	31140508	-5491	ENSG00000100078	PLA2G3
NR4A2_Medium	chr22	31208619	31209019	Promoter (3-4kb)	22	31212239	31259046	-3220	ENSG00000182541	LIMK2
NR4A2_Medium	chr22	31390579	31390979	Promoter (8-9kb)	22	31399604	31434452	-8625	ENSG00000185721	DRG1
NR4A2_Medium	chr22	31417761	31418161	Promoter (8-9kb)	22	31426513	31434155	-8352	ENSG00000185721	DRG1
NR4A2_Medium	chr22	31791856	31792256	Promoter (<=1kb)	22	31792687	31804219	-431	ENSG00000100150	DEPDC5
NR4A2_Medium	chr22	31828326	31828726	Promoter (5-6kb)	22	31833849	31838721	-5123	ENSG00000100150	DEPDC5
NR4A2_Medium	chr22	32162907	32163307	Promoter (3-4kb)	22	32149006	32159322	-3585	ENSG00000205856	C22orf42
NR4A2_Medium	chr22	32206295	32206695	Promoter (1-2kb)	22	32205165	32273615	1130	ENSG00000242082	SLC5A4-AS1
NR4A2_Medium	chr22	32798830	32799230	Promoter (2-3kb)	22	32801701	32863043	-2471	ENSG00000100234	TIMP3
NR4A2_Medium	chr22	33709802	33710202	Promoter (4-5kb)	22	33704786	33704922	-4880	ENSG00000253007	SNORA50B
NR4A2_Medium	chr22	33873695	33874095	Promoter (<=1kb)	22	33650595	33873405	-290	ENSG00000133424	LARGE1
NR4A2_Medium	chr22	35543694	35544094	Promoter (2-3kb)	22	35540831	35553999	2863	ENSG00000100302	RASD2
NR4A2_Medium	chr22	36033193	36033593	Promoter (4-5kb)	22	35738736	36028824	-4369	ENSG00000100320	RBFOX2
NR4A2_Medium	chr22	36498861	36499261	Promoter (<=1kb)	22	36488599	36498397	-464	ENSG00000100350	FOXRED2
NR4A2_Medium	chr22	37079417	37079817	Promoter (5-6kb)	22	37082850	37084825	5008	ENSG00000187045	TMPRSS6
NR4A2_Medium	chr22	37091024	37091424	Promoter (6-7kb)	22	37082850	37084825	-6199	ENSG00000187045	TMPRSS6
NR4A2_Medium	chr22	37141947	37142347	Promoter (1-2kb)	22	37139143	37143621	1274	ENSG00000100385	IL2RB
NR4A2_Medium	chr22	37511195	37511595	Promoter (<=1kb)	22	37507882	37510565	-630	ENSG00000100065	CARD10
NR4A2_Medium	chr22	37630866	37631266	Promoter (<=1kb)	22	37630668	37632677	198	ENSG00000100083	GGA1
NR4A2_Medium	chr22	37939726	37940126	Promoter (7-8kb)	22	37932595	37941187	7131	ENSG00000100139	MICALL1
NR4A2_Medium	chr22	37941324	37941724	Promoter (8-9kb)	22	37932595	37941187	8729	ENSG00000100139	MICALL1
NR4A2_Medium	chr22	37957938	37958338	Promoter (4-5kb)	22	37953788	37972272	4150	ENSG00000100142	POLR2F
NR4A2_Medium	chr22	38109004	38109404	Promoter (1-2kb)	22	38084903	38110645	1241	ENSG00000128298	BAIAP2L2
NR4A2_Medium	chr22	38200501	38200901	Promoter (1-2kb)	22	38201932	38216503	-1031	ENSG00000185022	MAFF
NR4A2_Medium	chr22	38202618	38203018	Promoter (<=1kb)	22	38202796	38214760	0	ENSG00000185022	MAFF
NR4A2_Medium	chr22	38217663	38218063	Promoter (2-3kb)	22	38111754	38214778	-2885	ENSG00000184381	PLA2G6
NR4A2_Medium	chr22	38250964	38251364	Promoter (4-5kb)	22	38225578	38246738	-4226	ENSG00000198792	TMEM184B
NR4A2_Medium	chr22	39093197	39093597	Promoter (3-4kb)	22	39097224	39102558	-3627	ENSG00000100298	APOBEC3H
NR4A2_Medium	chr22	39137092	39137492	Promoter (2-3kb)	22	39133691	39134779	-2313	ENSG00000100307	CBX7
NR4A2_Medium	chr22	39249766	39250166	Promoter (4-5kb)	22	39223359	39244982	-4784	ENSG00000100311	PDGFB
NR4A2_Medium	chr22	39565877	39566277	Promoter (4-5kb)	22	39570753	39684528	-4476	ENSG00000100346	CACNA1I
NR4A2_Medium	chr22	39887912	39888312	Promoter (5-6kb)	22	39743044	39893760	5448	ENSG00000176177	ENTHD1
NR4A2_Medium	chr22	40007336	40007736	Promoter (1-2kb)	22	40009688	40030031	-1952	ENSG00000133477	FAM83F
NR4A2_Medium	chr22	40017088	40017488	Promoter (7-8kb)	22	40009688	40030031	7400	ENSG00000133477	FAM83F
NR4A2_Medium	chr22	40440214	40440614	Promoter (3-4kb)	22	40410282	40436310	-3904	ENSG00000196588	MRTFA
NR4A2_Medium	chr22	41085788	41086188	Promoter (6-7kb)	22	41092513	41092566	-6325	ENSG00000284015	MIR1281
NR4A2_Medium	chr22	4								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_Medium	chr22	43940296	43940696	Promoter (7-8kb)	22	43933007	43939393	7289	ENSG00000100344	PNPLA3
NR4A2_Medium	chr22	44091004	44091404	Promoter (4-5kb)	22	44086684	44100089	4320	ENSG00000188677	PARVB
NR4A2_Medium	chr22	44175370	44175770	Promoter (2-3kb)	22	44172984	44187172	2386	ENSG00000138964	PARVG
NR4A2_Medium	chr22	44194185	44194585	Promoter (1-2kb)	22	44196098	44219533	-1513	ENSG00000138964	PARVG
NR4A2_Medium	chr22	44617631	44618031	Promoter (7-8kb)	22	44606939	44625419	7388	NA	LINC00229
NR4A2_Medium	chr22	44798995	44799395	Promoter (2-3kb)	22	44801820	44825551	-2425	ENSG00000241484	ARHGAP8
NR4A2_Medium	chr22	44858977	44859377	Promoter (<=1kb)	22	44859661	44862463	-284	ENSG00000241484	ARHGAP8
NR4A2_Medium	chr22	45001566	45001966	Promoter (1-2kb)	22	45000565	45003619	1653	ENSG00000230922	LOC101927551
NR4A2_Medium	chr22	45528050	45528450	Promoter (2-3kb)	22	45525675	45542214	2375	ENSG00000077942	FBLN1
NR4A2_Medium	chr22	45571681	45572081	Promoter (4-5kb)	22	45577039	45578434	-4958	ENSG00000077942	FBLN1
NR4A2_Medium	chr22	45733199	45733599	Promoter (3-4kb)	22	45729441	45823277	3758	ENSG00000130638	ATXN10
NR4A2_Medium	chr22	46000078	46000478	Promoter (6-7kb)	22	46006616	46010777	-6138	ENSG00000280424	LOC730668
NR4A2_Medium	chr22	46057609	46058009	Promoter (2-3kb)	22	46054915	46057210	2694	NA	PRR34-AS1
NR4A2_Medium	chr22	46244813	46245213	Promoter (3-4kb)	22	46244011	46248285	3072	ENSG00000205643	CDPF1
NR4A2_Medium	chr22	46326231	46326631	Promoter (2-3kb)	22	46328923	46330152	-2292	ENSG00000075218	GTSE1
NR4A2_Medium	chr22	46347649	46348049	Promoter (2-3kb)	22	46350345	46352841	-2296	ENSG00000100416	TRMU
NR4A2_Medium	chr22	46911226	46911626	Promoter (4-5kb)	22	46915328	46915908	4282	ENSG00000280080	TBC1D22A-AS1
NR4A2_Medium	chr22	47487818	47488218	Promoter (<=1kb)	22	47461299	47487111	-707	ENSG00000218357	LINC01644
NR4A2_Medium	chr22	48542201	48542868	Promoter (4-5kb)	22	48538902	48547342	4474	ENSG00000281732	LOC284933
NR4A2_Medium	chr22	48585052	48585452	Promoter (8-9kb)	22	48576453	48750488	8599	ENSG00000219438	TAF5
NR4A2_Medium	chr22	48686885	48687344	Promoter (5-6kb)	22	48693247	48750408	-5903	ENSG00000219438	TAF5
NR4A2_Medium	chr22	48689218	48689618	Promoter (3-4kb)	22	48693247	48750408	-3629	ENSG00000219438	TAF5
NR4A2_Medium	chr22	48858812	48859212	Promoter (7-8kb)	22	48866770	48898386	-7558	ENSG00000205632	LINC01310
NR4A2_Medium	chr22	48887863	48888263	Promoter (4-5kb)	22	48892713	48897220	-4450	ENSG00000205632	LINC01310
NR4A2_Medium	chr22	50062218	50062618	Promoter (5-6kb)	22	50015127	50056935	-5283	ENSG00000138892	TTL8
NR4A2_Medium	chr22	50213723	50214123	Promoter (6-7kb)	22	50217694	50220416	6293	ENSG00000128159	TUBGCP6
NR4A2_Medium	chr22	50436331	50436731	Promoter (3-4kb)	22	50439753	50441074	-3022	ENSG00000100239	PPP6R2
NR4A2_Medium	chr22	50457392	50457792	Promoter (<=1kb)	22	50456589	50457347	-45	ENSG00000100241	SBF1
NR4A2_Medium	chr22	50521798	50522198	Promoter (<=1kb)	22	50522525	50523471	-327	ENSG00000052770	NCAPH2
NR4A2_Medium	chr22	50536729	50537129	Promoter (4-5kb)	22	50531745	50532580	-4149	ENSG00000177989	ODF3B
NR4A2_R848	chr1	770185	770585	Promoter (3-4kb)	1	764723	774280	3695	NA	LOC100288069
NR4A2_R848	chr1	1176962	1177362	Promoter (2-3kb)	1	1179697	1185864	-2335	ENSG00000162571	TTL10
NR4A2_R848	chr1	1479336	1479762	Promoter (<=1kb)	1	1479049	1482662	287	ENSG00000160072	ATAD3B
NR4A2_R848	chr1	1595040	1595440	Promoter (4-5kb)	1	1598012	1600135	4695	ENSG00000228594	FNDC10
NR4A2_R848	chr1	1595944	1596408	Promoter (3-4kb)	1	1598012	1600135	3727	ENSG00000228594	FNDC10
NR4A2_R848	chr1	1612678	1613078	Promoter (2-3kb)	1	1615415	1630605	-2337	ENSG00000197530	MIB2
NR4A2_R848	chr1	1985375	1985775	Promoter (5-6kb)	1	1987962	1990929	5154	ENSG00000142609	CFAP74
NR4A2_R848	chr1	2155198	2155598	Promoter (9-10kb)	1	2145387	2185116	9811	ENSG00000067606	PRKCZ
NR4A2_R848	chr1	2166023	2166423	Promoter (2-3kb)	1	2168848	2185393	-2425	ENSG00000067606	PRKCZ
NR4A2_R848	chr1	2435914	2436604	Promoter (9-10kb)	1	2425980	2479804	9934	ENSG00000149527	PLCH2
NR4A2_R848	chr1	3016023	3016423	Promoter (5-6kb)	1	3021467	3022903	-5044	ENSG00000169717	ACTRT2
NR4A2_R848	chr1	3025879	3026390	Promoter (4-5kb)	1	3021467	3022903	4412	ENSG00000169717	ACTRT2
NR4A2_R848	chr1	3051801	3052201	Promoter (9-10kb)	1	3059617	3061751	9550	ENSG00000177133	PRDM16-DT
NR4A2_R848	chr1	3128897	3129297	Promoter (<=1kb)	1	3127975	3128035	922	ENSG00000283572	MIR4251
NR4A2_R848	chr1	3133524	3133924	Promoter (5-6kb)	1	3127975	3128035	5549	ENSG00000283572	MIR4251
NR4A2_R848	chr1	3470484	3470884	Promoter (<=1kb)	1	3471607	3474457	-723	ENSG00000130762	ARHGEF16
NR4A2_R848	chr1	3473841	3474241	Promoter (1-2kb)	1	3472769	3481113	1072	ENSG00000130762	ARHGEF16
NR4A2_R848	chr1	3605241	3605641	Promoter (5-6kb)	1	3490562	3611277	5636	ENSG00000162591	MEGF6
NR4A2_R848	chr1	3679589	3679989	Promoter (2-3kb)	1	3682366	3733079	-2377	ENSG00000078900	TP73
NR4A2_R848	chr1	3698671	3699071	Promoter (<=1kb)	1	3698058	3733091	613	ENSG00000078900	TP73
NR4A2_R848	chr1	3725454	3725961	Promoter (1-2kb)	1	3727478	3733367	-1517	ENSG00000078900	TP73
NR4A2_R848	chr1	3726575	3726975	Promoter (<=1kb)	1	3727478	3733367	-503	ENSG00000078900	TP73
NR4A2_R848	chr1	3769709	3770109	Promoter (2-3kb)	1	3772761	3775908	-2652	ENSG00000235169	SMIM1
NR4A2_R848	chr1	3930350	3930750	Promoter (9-10kb)	1	3940486	3949866	-9736	NA	LINC01346
NR4A2_R848	chr1	4647108	4647598	Promoter (7-8kb)	1	4654609	4792534	-7011	ENSG00000196581	AJAP1
NR4A2_R848	chr1	5868719	5869119	Promoter (<=1kb)	1	5862811	5868375	-344	ENSG00000131697	NPHP4
NR4A2_R848	chr1	5873370	5873770	Promoter (<=1kb)	1	5867082	5873841	71	ENSG00000131697	NPHP4
NR4A2_R848	chr1	5879625	5880025	Promoter (2-3kb)	1	5874905	5877466	-2159	ENSG00000131697	NPHP4
NR4A2_R848	chr1	5996320	5996720	Promoter (3-4kb)	1	5992760	6086371	3560	ENSG00000069424	KCNAB2
NR4A2_R848	chr1	6097161	6097561	Promoter (2-3kb)	1	6094483	6101187	2678	ENSG00000069424	KCNAB2
NR4A2_R848	chr1	6106964	6107364	Promoter (<=1kb)	1	6105081	6106772	-192	ENSG00000116254	CHD5
NR4A2_R848	chr1	6108699	6109099	Promoter (1-2kb)	1	6105081	6106772	-1927	ENSG00000116254	CHD5
NR4A2_R848	chr1	6149487	6149887	Promoter (5-6kb)	1	6105081	6144104	-5383	ENSG00000116254	CHD5
NR4A2_R848	chr1	6174330	6174730	Promoter (5-6kb)	1	6105091	6180023	5293	ENSG00000116254	CHD5
NR4A2_R848	chr1	6175328	6175728	Promoter (4-5kb)	1	6105091	6180023	4295	ENSG00000116254	CHD5
NR4A2_R848	chr1	6352266	6352666	Promoter (<=1kb)	1	6281130	6352249	-17	ENSG00000097021	ACOT7
NR4A2_R848	chr1	6426146	6426546	Promoter (1-2kb)	1	6424788	6456671	1358	ENSG00000187017	ESPN
NR4A2_R848	chr1	10166999	10167399	Promoter (3-4kb)	1	10170956	10180016	-3557	ENSG00000130939	UBE4B
NR4A2_R848	chr1	10661756	10662156	Promoter (<=1kb)	1	10658007	10661398	-358	ENSG00000130940	CASZ1
NR4A2_R848	chr1	11033218	11033618	Promoter (9-10kb)	1	11037693	11043198	9580	ENSG00000009724	MASP2
NR4A2_R848	chr1	11041251	11041651	Promoter (1-2kb)	1	11037693	11043198	1547	ENSG00000009724	MASP2
NR4A2_R848	chr1	11042078	11042695	Promoter (<=1kb)	1	11037693	11043198	503	ENSG00000009724	MASP2
NR4A2_R848	chr1	11608888	11609288	Promoter (<=1kb)	1	11609468	11613358	-180	ENSG00000235643	LINC01647
NR4A2_R848	chr1	12585136	12585536	Promoter (6-7kb)	1	12578957	12579023	-6113	ENSG00000276830	MIR6730
NR4A2_R848	chr1	12647960	12648360	Promoter (3-4kb)	1	12644547	12667086	3413	ENSG00000204518	AADA4L4
NR4A2_R848	chr1	13372099	13372499	Promoter (<=1kb)	1	13369067	13371900	-199	ENSG00000204480	PRAMEF19
NR4A2_R848	chr1	15396622	15397022	Promoter (5-6kb)	1	15391147	15400283	5475	ENSG00000142621	FHAD1
NR4A2_R848	chr1	16045456	16045856	Promoter (1-2kb)	1	16043777	16057308	1679	ENSG00000184908	CLCNKB
NR4A2_R848	chr1	16624606	16625006	Promoter (1-2kb)	1	16618253	16626386	1380	ENSG00000215908	CROCCP2
NR4A2_R848	chr1	16632251	16632651	Promoter (1-2kb)	1	16618256	16631109	-1142	ENSG00000215908	CROCCP2
NR4A2_R848	chr1	16716412	16716812	Promoter (3-4kb)	1	16692280	16720157	3345	NA	ESPNP
NR4A2_R848	chr1	16999227	16999627	Promoter (<=1kb)	1	16995859	17000291	664	ENSG00000159363	ATP13A2
NR4A2_R848	chr1	18356825	18357220	Promoter (4-5kb)	1	18361367	18378483	-4097	ENSG00000117154	IGSF21
NR4A2_R848	chr1	18384608	18385163	Promoter (8-9kb)	1	18375957	18376920	8651	ENSG00000117154	IGSF21
NR4A2_R848	chr1	21832632	21833032	Promoter (<=1kb)	1	21829993	21833577	545	ENSG00000142798	HSPG2
NR4A2_R848	chr1	23625899	23626299	Promoter (1-2kb)	1	23627334	23640568	-1035	ENSG00000197880	MDS2
NR4A2_R848	chr1	25767638	25768061	Promoter (4-5kb)	1	25772069	25782700	-4008	ENSG00000117643	MAN1C1
NR4A2_R848	chr1	25768953	25769353	Promoter (2-3kb)	1	25772069	25782700	-2716	ENSG00000117643	MAN1C1
NR4A2_R848	chr1	27595261	27595661	Promoter (7-8kb)	1	27552496	27603414	7753	ENSG00000126705	AHDC1
NR4A2_R848	chr1	29315799	29316199	Promoter (1-2kb)	1	29317760	29325298	-1561	ENSG00000060656	PTPRU
NR4A2_R848	chr1	31637345	31637745	Promoter (1-2kb)	1	31633275	31635472	-1873	ENSG00000162517	PEF1
NR4A2_R848	chr1	32898801	32899201	Promoter (1-2kb)	1	32895305	32897756	-1045	ENSG00000121900	TMEM54
NR4A2_R848	chr1	34777539	34777939	Promoter (3-4kb)	1	34781214	34786364	-3275	ENSG00000188910	GJB3
NR4A2_R848	chr1	38040286	38040686	Promoter (6-7kb)	1	38043829	38046793	6107	ENSG00000185668	POU3F1
NR4A2_R848	chr1	42166444	42166844	Promoter (1-2kb)	1	42162690	42164745	-1699	ENSG00000197273	GUCA2A
NR4A2_R848	chr1	43423302</								

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr1	54790715	54791115	Promoter (2-3kb)	1	54781596	54787995	-2720	ENSG00000006555	TTC22
NR4A2_R848	chr1	85284629	85285029	Promoter (7-8kb)	1	85276715	85399963	7914	NA	LOC646626
NR4A2_R848	chr1	109271138	109271538	Promoter (<=1kb)	1	109270824	109275607	314	ENSG00000143126	CELSR2
NR4A2_R848	chr1	116428500	116428900	Promoter (9-10kb)	1	116396629	116418635	-9865	ENSG00000203865	ATP1A1-AS1
NR4A2_R848	chr1	151651481	151651881	Promoter (6-7kb)	1	151658235	151661536	-6354	ENSG00000143376	SNX27
NR4A2_R848	chr1	152218704	152219104	Promoter (5-6kb)	1	152212076	152224193	5089	ENSG00000197915	HRNR
NR4A2_R848	chr1	153938602	153939002	Promoter (1-2kb)	1	153939588	153940652	1650	ENSG00000198837	DENND4B
NR4A2_R848	chr1	155066573	155066973	Promoter (2-3kb)	1	155063761	155069538	2812	ENSG00000243364	EFNA4
NR4A2_R848	chr1	156244312	156244712	Promoter (2-3kb)	1	156242189	156243289	2123	ENSG00000242252	BGLAP
NR4A2_R848	chr1	160194317	160194717	Promoter (1-2kb)	1	160192638	160199053	1679	ENSG00000143318	CASQ1
NR4A2_R848	chr1	161066477	161066877	Promoter (2-3kb)	1	161046948	161069666	2789	ENSG00000186517	ARHGAP30
NR4A2_R848	chr1	161144683	161145083	Promoter (7-8kb)	1	161152776	161158199	-7693	ENSG00000143222	UFC1
NR4A2_R848	chr1	182061443	182061843	Promoter (<=1kb)	1	182054570	182061712	0	ENSG00000179930	ZNF648
NR4A2_R848	chr1	182379361	182379761	Promoter (6-7kb)	1	182384415	182385939	6178	ENSG00000135821	GLUL
NR4A2_R848	chr1	182439576	182439976	Promoter (7-8kb)	1	182447886	182472408	-7910	ENSG00000121446	RGSL1
NR4A2_R848	chr1	182451821	182452221	Promoter (1-2kb)	1	182453382	182471375	-1161	ENSG00000121446	RGSL1
NR4A2_R848	chr1	201007030	201007835	Promoter (1-2kb)	1	201001407	201005590	-1440	ENSG00000116852	KIF21B
NR4A2_R848	chr1	201208745	201209145	Promoter (3-4kb)	1	201212642	201228952	-3497	ENSG00000163395	IGFN1
NR4A2_R848	chr1	201211137	201211537	Promoter (1-2kb)	1	201212642	201228952	-1105	ENSG00000163395	IGFN1
NR4A2_R848	chr1	202205157	202205623	Promoter (1-2kb)	1	202203777	202319690	1380	ENSG00000133067	LGR6
NR4A2_R848	chr1	203228393	203228793	Promoter (<=1kb)	1	203216670	203229645	852	ENSG00000133063	CHIT1
NR4A2_R848	chr1	203482554	203482954	Promoter (6-7kb)	1	203475806	203491352	6748	ENSG00000188783	PRELP
NR4A2_R848	chr1	203792583	203792983	Promoter (2-3kb)	1	203795654	203802173	-2671	ENSG00000058673	ZC3H11A
NR4A2_R848	chr1	204080187	204080587	Promoter (2-3kb)	1	204078129	204116627	2058	ENSG00000143842	SOX13
NR4A2_R848	chr1	205330843	205331243	Promoter (8-9kb)	1	205337523	205339861	8618	ENSG00000162873	KLHDC8A
NR4A2_R848	chr1	211499250	211499650	Promoter (6-7kb)	1	211476522	211492917	-6333	ENSG00000198570	RD3
NR4A2_R848	chr1	212378121	212378521	Promoter (<=1kb)	1	212375221	212377706	-415	ENSG00000065600	PACC1
NR4A2_R848	chr1	224352587	224352987	Promoter (3-4kb)	1	224356858	224379452	-3871	ENSG00000143771	CNIH4
NR4A2_R848	chr1	226891827	226892227	Promoter (1-2kb)	1	226890819	226895544	1008	ENSG00000143801	PSEN2
NR4A2_R848	chr1	226977951	226978351	Promoter (<=1kb)	1	226977404	226987544	547	ENSG00000163050	COQ8A
NR4A2_R848	chr1	227560113	227560526	Promoter (3-4kb)	1	227563543	227677443	-3017	ENSG00000181450	ZNF678
NR4A2_R848	chr1	227719568	227719968	Promoter (8-9kb)	1	227728539	227734352	-8571	ENSG00000143740	SNAP47
NR4A2_R848	chr1	227952972	227953372	Promoter (5-6kb)	1	227918656	227947932	-5040	ENSG00000143816	WNT9A
NR4A2_R848	chr1	228070846	228071246	Promoter (5-6kb)	1	228073909	228076550	5304	ENSG00000276255	LINC02809
NR4A2_R848	chr1	228071633	228072488	Promoter (4-5kb)	1	228073909	228076550	4062	ENSG00000276255	LINC02809
NR4A2_R848	chr1	228152347	228152747	Promoter (2-3kb)	1	228149930	228159826	2417	ENSG00000198835	GJC2
NR4A2_R848	chr1	228182546	228182946	Promoter (7-8kb)	1	228174550	228175575	7996	ENSG00000181873	IBA57
NR4A2_R848	chr1	228622019	228622419	Promoter (<=1kb)	1	228621447	228621565	-454	ENSG00000199352	RNA5S1
NR4A2_R848	chr1	228635412	228635812	Promoter (4-5kb)	1	228630390	228630508	-4904	ENSG00000199352	RNA5S1
NR4A2_R848	chr1	230335584	230335984	Promoter (<=1kb)	1	230323542	230336295	311	ENSG00000177614	PGBD5
NR4A2_R848	chr1	236685503	236685903	Promoter (<=1kb)	1	236686454	236762943	-551	ENSG00000077522	ACTN2
NR4A2_R848	chr1	248752846	248753246	Promoter (2-3kb)	1	248739415	248755759	2228	ENSG00000259823	LYPD8
NR4A2_R848	chr2	318826	319521	Promoter (<=1kb)	2	318053	342118	773	NA	LINC01865
NR4A2_R848	chr2	878512	878912	Promoter (9-10kb)	2	791614	868608	-9904	ENSG00000237667	LINC01115
NR4A2_R848	chr2	1679052	1679452	Promoter (2-3kb)	2	1666356	1676578	-2474	ENSG00000130508	PXDN
NR4A2_R848	chr2	1866331	1866976	Promoter (4-5kb)	2	1789241	1861677	-4654	ENSG00000186487	MYT1L
NR4A2_R848	chr2	3287532	3287932	Promoter (4-5kb)	2	3214186	3282826	-4706	ENSG00000032389	EIPR1
NR4A2_R848	chr2	3527723	3528123	Promoter (5-6kb)	2	3531990	3533370	5247	ENSG00000171865	RNASEH1
NR4A2_R848	chr2	3971383	3971783	Promoter (1-2kb)	2	3972846	3973678	1895	ENSG00000237401	LINC01304
NR4A2_R848	chr2	6759929	6760329	Promoter (9-10kb)	2	6729168	6770311	9982	ENSG00000205837	LINC00487
NR4A2_R848	chr2	8390579	8390979	Promoter (6-7kb)	2	8321904	8383819	-6760	ENSG00000236790	LINC00299
NR4A2_R848	chr2	10189933	10190439	Promoter (2-3kb)	2	10192614	10192671	2232	ENSG00000265418	MIR4261
NR4A2_R848	chr2	10312380	10312780	Promoter (8-9kb)	2	10303700	10427617	8680	ENSG00000115756	HPCAL1
NR4A2_R848	chr2	10364289	10364689	Promoter (3-4kb)	2	10368678	10427616	-3989	ENSG00000115756	HPCAL1
NR4A2_R848	chr2	16073598	16073998	Promoter (<=1kb)	2	16073398	16081117	200	ENSG00000236289	GACAT3
NR4A2_R848	chr2	20218355	20218755	Promoter (4-5kb)	2	20204002	20223388	4633	ENSG00000115884	SDC1
NR4A2_R848	chr2	25124583	25124983	Promoter (2-3kb)	2	25121673	25154361	2910	ENSG00000084710	EFR3B
NR4A2_R848	chr2	26461101	26461501	Promoter (4-5kb)	2	26463506	26466325	4824	ENSG00000115155	OTOF
NR4A2_R848	chr2	26482714	26483114	Promoter (4-5kb)	2	26457203	26478042	-4672	ENSG00000115155	OTOF
NR4A2_R848	chr2	27147569	27147969	Promoter (1-2kb)	2	27149004	27156974	-1035	ENSG00000163792	TCF23
NR4A2_R848	chr2	27333969	27334369	Promoter (1-2kb)	2	27326497	27335428	1059	ENSG00000115207	GTF3C2
NR4A2_R848	chr2	28989110	28989510	Promoter (7-8kb)	2	28981298	29061373	7812	ENSG00000189350	TOGARAM2
NR4A2_R848	chr2	31388341	31388741	Promoter (<=1kb)	2	31383001	31389633	892	ENSG00000158125	XDH
NR4A2_R848	chr2	33701490	33701890	Promoter (4-5kb)	2	33706886	34297753	-4996	ENSG00000228262	LINC01317
NR4A2_R848	chr2	46828419	46829113	Promoter (<=1kb)	2	46827864	46859007	555	ENSG00000239332	LINC01119
NR4A2_R848	chr2	71577338	71577738	Promoter (<=1kb)	2	71576899	71686763	439	ENSG00000135636	DYSF
NR4A2_R848	chr2	71612856	71613256	Promoter (2-3kb)	2	71610779	71644033	2077	ENSG00000135636	DYSF
NR4A2_R848	chr2	71618295	71618710	Promoter (7-8kb)	2	71610779	71644033	7516	ENSG00000135636	DYSF
NR4A2_R848	chr2	74138260	74138660	Promoter (6-7kb)	2	74135401	74145508	6848	ENSG00000163170	BOLA3
NR4A2_R848	chr2	74330044	74330444	Promoter (1-2kb)	2	74265232	74328235	-1809	ENSG00000188687	SLC4A5
NR4A2_R848	chr2	74330514	74330914	Promoter (2-3kb)	2	74265232	74328235	-2279	ENSG00000188687	SLC4A5
NR4A2_R848	chr2	75560480	75560880	Promoter (<=1kb)	2	75469302	75560923	43	ENSG00000115363	EVA1A
NR4A2_R848	chr2	84909606	84910006	Promoter (2-3kb)	2	84870589	84907008	-2598	ENSG00000186854	TRABD2A
NR4A2_R848	chr2	85334449	85334849	Promoter (6-7kb)	2	85318020	85328296	-6153	ENSG00000152291	TGOLN2
NR4A2_R848	chr2	85666002	85666402	Promoter (1-2kb)	2	85658255	85668172	1770	ENSG00000168878	SFTPB
NR4A2_R848	chr2	86191452	86191852	Promoter (1-2kb)	2	86193026	86193108	1256	ENSG00000265420	MIR4779
NR4A2_R848	chr2	94212374	94212774	Promoter (3-4kb)	2	94195806	94208379	-3995	NA	BMS1P14
NR4A2_R848	chr2	94214175	94214575	Promoter (5-6kb)	2	94195806	94208379	-5796	NA	BMS1P14
NR4A2_R848	chr2	94946529	94947156	Promoter (<=1kb)	2	94908030	94947326	170	ENSG00000259848	LOC442028
NR4A2_R848	chr2	95310812	95311212	Promoter (<=1kb)	2	95310222	95386076	590	ENSG00000115041	KCNIP3
NR4A2_R848	chr2	96801439	96801839	Promoter (3-4kb)	2	96798278	96798353	3161	ENSG00000264157	MIR3127
NR4A2_R848	chr2	100613680	100614209	Promoter (6-7kb)	2	100607121	100611542	6559	ENSG00000234988	LINC01849
NR4A2_R848	chr2	101992288	101992688	Promoter (<=1kb)	2	101991960	102028544	328	ENSG00000115590	IL1R2
NR4A2_R848	chr2	110724792	110725192	Promoter (7-8kb)	2	110732573	111094344	-7381	ENSG00000153093	ACOXL
NR4A2_R848	chr2	120730429	120730829	Promoter (4-5kb)	2	120735623	120951466	-4794	ENSG00000074047	GLI2
NR4A2_R848	chr2	129933703	129934103	Promoter (<=1kb)	2	129922863	129934317	214	ENSG00000214100	PLAC9P1
NR4A2_R848	chr2	131590783	131591183	Promoter (<=1kb)	2	131591752	131628147	-569	NA	POTEKP
NR4A2_R848	chr2	132258620	132259020	Promoter (<=1kb)	2	132147591	132257969	-651	ENSG00000163046	ANKRD30BL
NR4A2_R848	chr2	132266308	132266708	Promoter (8-9kb)	2	132147591	132257969	-8339	ENSG00000163046	ANKRD30BL
NR4A2_R848	chr2	132267234	132267680	Promoter (9-10kb)	2	132147591	132257969	-9265	ENSG00000163046	ANKRD30BL
NR4A2_R848	chr2	135117360	135117791	Promoter (6-7kb)	2	135124080	135130705	-6289	ENSG00000115839	RAB3GAP1
NR4A2_R848	chr2	158673141	158673541	Promoter (3-4kb)	2	158669170	158677355	3971	ENSG00000144283	PKP4
NR4A2_R848	chr2	170828384	170828836	Promoter (<=1kb)	2	170828968	170831090	-132	EN	



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr2	233014549	233014949	Promoter (1-2kb)	2	232878701	233013256	-1293	ENSG00000066248	NGEF
NR4A2_R848	chr2	233035488	233035888	Promoter (2-3kb)	2	233032672	233035057	2816	ENSG00000115488	NEU2
NR4A2_R848	chr2	237397188	237397588	Promoter (<=1kb)	2	237324774	237396817	-371	ENSG00000163359	COL6A3
NR4A2_R848	chr2	237517499	237517899	Promoter (<=1kb)	2	237518029	237553991	-130	ENSG00000115648	MLPH
NR4A2_R848	chr2	237518014	237518414	Promoter (<=1kb)	2	237518029	237553991	0	ENSG00000115648	MLPH
NR4A2_R848	chr2	237578684	237579084	Promoter (<=1kb)	2	237574326	237579570	486	ENSG00000124839	RAB17
NR4A2_R848	chr2	238117857	238118338	Promoter (9-10kb)	2	238127390	238133287	-9052	ENSG00000144488	ESPNL
NR4A2_R848	chr2	238119035	238119435	Promoter (7-8kb)	2	238127390	238133287	-7955	ENSG00000144488	ESPNL
NR4A2_R848	chr2	238126925	238127325	Promoter (<=1kb)	2	238127390	238133287	-65	ENSG00000144488	ESPNL
NR4A2_R848	chr2	239150244	239150644	Promoter (4-5kb)	2	239126633	239155013	4369	ENSG00000068024	HDAC4
NR4A2_R848	chr2	239159307	239159707	Promoter (3-4kb)	2	239134349	239155575	-3732	ENSG00000068024	HDAC4
NR4A2_R848	chr2	239345616	239346016	Promoter (5-6kb)	2	239351724	239351804	5788	ENSG00000264292	MIR2467
NR4A2_R848	chr2	240443033	240443433	Promoter (<=1kb)	2	240442327	240466358	706	ENSG00000063660	GPC1
NR4A2_R848	chr2	240509054	240509454	Promoter (1-2kb)	2	240500524	240507809	-1245	ENSG00000144504	ANKMY1
NR4A2_R848	chr2	240509935	240510335	Promoter (2-3kb)	2	240500524	240507809	-2126	ENSG00000144504	ANKMY1
NR4A2_R848	chr2	240527194	240527914	Promoter (<=1kb)	2	240521939	240527881	0	ENSG00000144504	ANKMY1
NR4A2_R848	chr2	240593846	240594246	Promoter (<=1kb)	2	240594241	240595103	0	ENSG00000142330	CAPN10
NR4A2_R848	chr2	240680648	240681048	Promoter (1-2kb)	2	240676419	240679368	-1280	ENSG00000185176	AQP12B
NR4A2_R848	chr2	240812622	240813022	Promoter (5-6kb)	2	240788117	240818966	5944	ENSG00000130294	KIF1A
NR4A2_R848	chr2	240872165	240872565	Promoter (<=1kb)	2	240871189	240876013	976	ENSG00000172482	AGXT
NR4A2_R848	chr2	240914819	240915219	Promoter (8-9kb)	2	240906330	240993311	8489	ENSG00000226321	CROCC2
NR4A2_R848	chr2	240950833	240951233	Promoter (1-2kb)	2	240949655	240950929	1178	ENSG00000226321	CROCC2
NR4A2_R848	chr2	240951482	240951882	Promoter (1-2kb)	2	240949655	240950929	1827	ENSG00000226321	CROCC2
NR4A2_R848	chr2	240961878	240962278	Promoter (2-3kb)	2	240959096	240959800	-2078	ENSG00000233392	UICLM
NR4A2_R848	chr2	241139916	241140316	Promoter (<=1kb)	2	241137007	241139595	-321	ENSG00000115687	PASK
NR4A2_R848	chr2	241212731	241213131	Promoter (<=1kb)	2	241212148	241212876	583	ENSG00000146205	ANO7
NR4A2_R848	chr2	241516432	241516836	Promoter (6-7kb)	2	241500143	241509730	-6702	ENSG00000115694	STK25
NR4A2_R848	chr2	241545659	241546265	Promoter (5-6kb)	2	241551424	241562476	-5159	ENSG00000176720	BOK
NR4A2_R848	chr3	10348206	10348606	Promoter (2-3kb)	3	10326228	10346069	-2137	ENSG00000157087	ATP2B2
NR4A2_R848	chr3	10450197	10450597	Promoter (<=1kb)	3	10328203	10449780	-417	ENSG00000157087	ATP2B2
NR4A2_R848	chr3	10510812	10511212	Promoter (5-6kb)	3	10324023	10505586	-5226	ENSG00000157087	ATP2B2
NR4A2_R848	chr3	10991945	10992345	Promoter (<=1kb)	3	10992186	11039174	0	ENSG00000157103	SLC6A1
NR4A2_R848	chr3	12669142	12669542	Promoter (4-5kb)	3	12583601	12664226	-4916	ENSG00000132155	RAF1
NR4A2_R848	chr3	13617273	13617727	Promoter (3-4kb)	3	13613898	13618993	3375	ENSG00000163520	FBLN2
NR4A2_R848	chr3	13629344	13629744	Promoter (1-2kb)	3	13631329	13638380	-1585	ENSG00000163520	FBLN2
NR4A2_R848	chr3	13868969	13869526	Promoter (5-6kb)	3	13863668	13875113	5587	ENSG00000154764	WNT7A
NR4A2_R848	chr3	13935427	13935827	Promoter (1-2kb)	3	13937273	14064237	-1446	ENSG00000180438	TPRXL
NR4A2_R848	chr3	14683661	14684061	Promoter (8-9kb)	3	14675179	14773034	8482	ENSG00000131379	C3orf20
NR4A2_R848	chr3	32068769	32069169	Promoter (8-9kb)	3	31876433	32077580	8411	ENSG00000144645	OSBPL10
NR4A2_R848	chr3	37991296	37991696	Promoter (<=1kb)	3	37991134	37997187	162	ENSG00000136059	VILL
NR4A2_R848	chr3	38115673	38116073	Promoter (<=1kb)	3	38117043	38124025	-970	ENSG00000008226	DLEC1
NR4A2_R848	chr3	42505306	42505706	Promoter (2-3kb)	3	42502664	42532333	2642	ENSG00000114812	VIPR1
NR4A2_R848	chr3	45782268	45782668	Promoter (9-10kb)	3	45758504	45772339	-9929	ENSG00000163817	SLC6A20
NR4A2_R848	chr3	46861918	46862318	Promoter (<=1kb)	3	46857877	46861684	-234	ENSG00000160808	MYL3
NR4A2_R848	chr3	47389646	47390046	Promoter (8-9kb)	3	47381070	47396291	8576	ENSG00000076201	PTPN23
NR4A2_R848	chr3	47865677	47866077	Promoter (8-9kb)	3	47855125	47857478	-8199	ENSG00000047849	MAP4
NR4A2_R848	chr3	48411419	48411819	Promoter (<=1kb)	3	48410015	48411967	148	ENSG00000164050	PLXNB1
NR4A2_R848	chr3	48582542	48582942	Promoter (1-2kb)	3	48564073	48584520	1578	ENSG00000114270	COL7A1
NR4A2_R848	chr3	48976063	48976463	Promoter (2-3kb)	3	48973615	48975111	2448	ENSG00000177479	ARIH2
NR4A2_R848	chr3	49272442	49272842	Promoter (1-2kb)	3	49274120	49274186	-1278	ENSG00000264633	MIR4271
NR4A2_R848	chr3	49895391	49895791	Promoter (<=1kb)	3	49891771	49895439	0	ENSG00000164078	MST1R
NR4A2_R848	chr3	49922455	49922855	Promoter (6-7kb)	3	49907160	49929526	6671	ENSG00000164077	MON1A
NR4A2_R848	chr3	50162760	50163160	Promoter (3-4kb)	3	50159019	50189073	3741	ENSG00000001617	SEMA3F
NR4A2_R848	chr3	50372597	50372997	Promoter (5-6kb)	3	50367465	50368197	5132	ENSG00000114395	CYB561D2
NR4A2_R848	chr3	51964283	51964683	Promoter (1-2kb)	3	51957460	51963256	-1027	ENSG00000090097	PCBP4
NR4A2_R848	chr3	52405196	52405596	Promoter (<=1kb)	3	52403703	52405653	57	ENSG00000163930	BAP1
NR4A2_R848	chr3	53805610	53806010	Promoter (1-2kb)	3	53807511	53812385	-1501	ENSG00000157388	CACNA1D
NR4A2_R848	chr3	58652471	58652871	Promoter (4-5kb)	3	58637155	58657696	4825	ENSG00000198643	FAM3D
NR4A2_R848	chr3	75669053	75669498	Promoter (2-3kb)	3	75672300	75742048	-2802	ENSG00000242516	LINC00960
NR4A2_R848	chr3	122452479	122452879	Promoter (7-8kb)	3	122425680	122459885	7006	ENSG00000114030	KPNA1
NR4A2_R848	chr3	126104583	126104983	Promoter (<=1kb)	3	126103640	126108069	943	ENSG00000250218	ALDH1L1-AS1
NR4A2_R848	chr3	126146430	126146830	Promoter (9-10kb)	3	126128390	126156683	9853	ENSG00000144908	ALDH1L1
NR4A2_R848	chr3	126205019	126205419	Promoter (1-2kb)	3	126207255	126210166	-1836	ENSG00000246022	ALDH1L1-AS2
NR4A2_R848	chr3	126212240	126212640	Promoter (4-5kb)	3	126207255	126210166	4985	ENSG00000246022	ALDH1L1-AS2
NR4A2_R848	chr3	126481784	126482184	Promoter (5-6kb)	3	126437601	126475891	-5893	ENSG00000070476	ZXDC
NR4A2_R848	chr3	126995023	126995423	Promoter (6-7kb)	3	126988594	127037392	6429	ENSG00000114554	PLXNA1
NR4A2_R848	chr3	127387144	127387544	Promoter (3-4kb)	3	127322307	127390670	3126	ENSG00000244215	LINC02016
NR4A2_R848	chr3	127536877	127537277	Promoter (<=1kb)	3	127480690	127536960	0	ENSG00000239921	LINC01471
NR4A2_R848	chr3	127576705	127577105	Promoter (1-2kb)	3	127574978	127575683	-1022	ENSG00000163870	TPRA1
NR4A2_R848	chr3	128466854	128467254	Promoter (<=1kb)	3	128462439	128466968	0	ENSG00000179407	DNAJB8
NR4A2_R848	chr3	129010371	129010771	Promoter (7-8kb)	3	128977013	129002690	-7681	ENSG00000114656	CFAP92
NR4A2_R848	chr3	129394559	129394959	Promoter (1-2kb)	3	129393172	129396293	1334	ENSG00000251474	RPL32P3
NR4A2_R848	chr3	129543963	129544363	Promoter (<=1kb)	3	129543214	129551361	749	ENSG00000178804	H1-8
NR4A2_R848	chr3	133935470	133935870	Promoter (5-6kb)	3	133928148	133929812	-5658	ENSG00000288547	C3orf36
NR4A2_R848	chr3	134791455	134791855	Promoter (3-4kb)	3	134795260	135260467	-3405	ENSG00000154928	EPHB1
NR4A2_R848	chr3	141665397	141665797	Promoter (2-3kb)	3	141663092	141729405	2305	NA	LINC02618
NR4A2_R848	chr3	142895177	142895577	Promoter (5-6kb)	3	142817926	142889206	-5971	ENSG00000163710	PCOLCE2
NR4A2_R848	chr3	150633735	150634135	Promoter (6-7kb)	3	150626911	150627990	6824	ENSG00000198843	SELENOT
NR4A2_R848	chr3	150712221	150712621	Promoter (4-5kb)	3	150707967	150719995	4254	ENSG00000240137	ERICH6-AS1
NR4A2_R848	chr3	156035284	156035684	Promoter (2-3kb)	3	156037701	156453260	-2017	ENSG00000169282	KCNAB1
NR4A2_R848	chr3	158571455	158571855	Promoter (<=1kb)	3	158571567	158605402	0	ENSG00000178053	MLF1
NR4A2_R848	chr3	183819366	183819766	Promoter (5-6kb)	3	183820163	183825225	5459	ENSG00000180834	MAP6D1
NR4A2_R848	chr3	184044811	184045211	Promoter (7-8kb)	3	184053047	184060673	-7836	ENSG00000178084	HTR3C
NR4A2_R848	chr3	184050641	184051041	Promoter (2-3kb)	3	184053047	184060673	-2006	ENSG00000178084	HTR3C
NR4A2_R848	chr3	184197665	184198065	Promoter (4-5kb)	3	184193150	184193769	4515	ENSG00000161204	ABCF3
NR4A2_R848	chr3	184342923	184343323	Promoter (<=1kb)	3	184342122	184343139	801	ENSG00000175182	FAM131A
NR4A2_R848	chr3	184414268	184414668	Promoter (5-6kb)	3	184419869	184457891	-5201	ENSG00000224153	LINC02054
NR4A2_R848	chr3	185576971	185577371	Promoter (5-6kb)	3	185582496	185609285	-5125	ENSG00000163904	SEN2P2
NR4A2_R848	chr3	186811761	186812161	Promoter (4-5kb)	3	186804583	186807058	-4703	ENSG00000163918	RFC4
NR4A2_R848	chr3	194324549	194325166	Promoter (1-2kb)	3	194301199	194322871	-1678	ENSG00000214145	LINC00887
NR4A2_R848	chr3	194327000	194327647	Promoter (4-5kb)	3	194301199	194322871	-4129	ENSG00000214145	LINC00887
NR4A2_R848	chr3	194680566	194680966	Promoter (4-5kb)	3	194685883	194689037	-4917	ENSG00000185112	FAM43A

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr4	2826411	2826811	Promoter (<=1kb)	4	2826696	2834289	0	ENSG00000087266	SH3BP2
NR4A2_R848	chr4	3234551	3234951	Promoter (<=1kb)	4	3235424	3236179	-473	ENSG00000197386	HTT
NR4A2_R848	chr4	3362375	3362775	Promoter (7-8kb)	4	3369879	3439905	-7104	ENSG00000159788	RGS12
NR4A2_R848	chr4	3468341	3468741	Promoter (5-6kb)	4	3463311	3501473	5030	ENSG00000175920	DOK7
NR4A2_R848	chr4	3578091	3578491	Promoter (1-2kb)	4	3576934	3590711	1157	NA	LINC00955
NR4A2_R848	chr4	3678643	3679043	Promoter (<=1kb)	4	3673593	3677855	-788	ENSG00000250632	LINC02171
NR4A2_R848	chr4	4226326	4226726	Promoter (<=1kb)	4	4188803	4226889	163	ENSG00000163982	OTOP1
NR4A2_R848	chr4	4413425	4413825	Promoter (9-10kb)	4	4420221	4423688	9863	ENSG00000168818	STX18
NR4A2_R848	chr4	6299423	6299823	Promoter (4-5kb)	4	6294771	6300807	4652	ENSG00000109501	WFS1
NR4A2_R848	chr4	6569785	6570185	Promoter (5-6kb)	4	6575189	6621354	-5004	ENSG0000013288	MAN2B2
NR4A2_R848	chr4	6579015	6579504	Promoter (3-4kb)	4	6575215	6622401	3800	ENSG0000013288	MAN2B2
NR4A2_R848	chr4	6660540	6660940	Promoter (2-3kb)	4	6663396	6676755	-2456	ENSG00000170846	LOC93622
NR4A2_R848	chr4	6725895	6726295	Promoter (9-10kb)	4	6716174	6717664	9721	ENSG00000186222	BLOC1S4
NR4A2_R848	chr4	7316075	7316475	Promoter (5-6kb)	4	7310450	7310524	5625	ENSG00000264658	MIR4798
NR4A2_R848	chr4	7400921	7401321	Promoter (4-5kb)	4	7396278	7742836	4643	ENSG00000184985	SORCS2
NR4A2_R848	chr4	7724571	7725034	Promoter (9-10kb)	4	7734280	7740720	-9246	ENSG00000184985	SORCS2
NR4A2_R848	chr4	7754823	7755223	Promoter (<=1kb)	4	7754090	7778928	733	ENSG00000272620	AFAP1-AS1
NR4A2_R848	chr4	8011840	8012240	Promoter (1-2kb)	4	8007385	8010728	-1112	ENSG00000163995	ABLIM2
NR4A2_R848	chr4	8012286	8012686	Promoter (1-2kb)	4	8007385	8010728	-1558	ENSG00000163995	ABLIM2
NR4A2_R848	chr4	8033275	8033675	Promoter (7-8kb)	4	8020213	8041436	7761	ENSG00000163995	ABLIM2
NR4A2_R848	chr4	8069477	8069877	Promoter (1-2kb)	4	8008063	8071827	1950	ENSG00000163995	ABLIM2
NR4A2_R848	chr4	8149770	8150170	Promoter (8-9kb)	4	7966990	8158689	8519	ENSG00000163995	ABLIM2
NR4A2_R848	chr4	8233765	8234406	Promoter (2-3kb)	4	8231142	8241091	2623	ENSG00000125089	SH3TC1
NR4A2_R848	chr4	8367783	8368183	Promoter (5-6kb)	4	8366712	8373815	5632	ENSG00000087008	ACOX3
NR4A2_R848	chr4	9368617	9369017	Promoter (<=1kb)	4	9367874	9369070	743	ENSG00000205946	USP17L6P
NR4A2_R848	chr4	26492340	26492740	Promoter (1-2kb)	4	26481396	26490484	-1856	ENSG00000163394	CCKAR
NR4A2_R848	chr4	79258342	79258742	Promoter (<=1kb)	4	79258781	79308654	-39	ENSG00000249307	LINC01088
NR4A2_R848	chr4	99086492	99086892	Promoter (<=1kb)	4	99076435	99085623	-869	ENSG00000197894	ADH5
NR4A2_R848	chr4	108180162	108180932	Promoter (6-7kb)	4	108173419	108176430	6743	ENSG00000232021	LEF1-AS1
NR4A2_R848	chr4	119406310	119406710	Promoter (6-7kb)	4	119409892	119413366	6656	NA	LINC01061
NR4A2_R848	chr4	122145734	122146134	Promoter (6-7kb)	4	122152333	122362752	-6199	ENSG00000138688	KIAA1109
NR4A2_R848	chr4	131727810	131728210	Promoter (<=1kb)	4	131727587	131791487	223	ENSG00000251676	SNHG27
NR4A2_R848	chr4	155383091	155383491	Promoter (6-7kb)	4	155352684	155376970	-6121	ENSG00000164114	MAP9
NR4A2_R848	chr4	184219999	184220399	Promoter (<=1kb)	4	184116863	184221230	831	ENSG00000164303	ENPP6
NR4A2_R848	chr4	186160116	186160516	Promoter (3-4kb)	4	186163558	186167655	-3042	ENSG00000109794	FAM149A
NR4A2_R848	chr4	186604607	186605007	Promoter (2-3kb)	4	186600331	186601700	-2907	ENSG00000083857	FAT1
NR4A2_R848	chr5	142302	142702	Promoter (1-2kb)	5	140566	157110	1736	ENSG00000153404	PLEKHG4B
NR4A2_R848	chr5	175799	176199	Promoter (6-7kb)	5	169053	182589	6746	ENSG00000153404	PLEKHG4B
NR4A2_R848	chr5	193403	193803	Promoter (1-2kb)	5	191495	196334	1908	ENSG00000185028	LRRC14B
NR4A2_R848	chr5	344454	344854	Promoter (<=1kb)	5	343528	353911	926	ENSG00000286169	AHRR
NR4A2_R848	chr5	426533	426933	Promoter (<=1kb)	5	427918	434409	-985	ENSG00000286169	AHRR
NR4A2_R848	chr5	766227	766627	Promoter (<=1kb)	5	716808	766919	292	ENSG00000206077	ZDHHC11B
NR4A2_R848	chr5	882672	883072	Promoter (<=1kb)	5	876160	883369	297	ENSG0000028310	BRD9
NR4A2_R848	chr5	1180535	1180935	Promoter (1-2kb)	5	1173141	1178605	-1930	ENSG00000249201	CTD-3080P12.3
NR4A2_R848	chr5	1196783	1197183	Promoter (4-5kb)	5	1201595	1223270	-4412	ENSG00000174358	SLC6A19
NR4A2_R848	chr5	1198710	1199270	Promoter (2-3kb)	5	1201595	1223270	-2325	ENSG00000174358	SLC6A19
NR4A2_R848	chr5	1258887	1259287	Promoter (5-6kb)	5	1254617	1264534	5247	ENSG00000164362	TERT
NR4A2_R848	chr5	1870965	1871365	Promoter (9-10kb)	5	1878785	1881093	9728	ENSG00000113430	IRX4
NR4A2_R848	chr5	2708666	2709066	Promoter (3-4kb)	5	2712591	2715237	-3525	ENSG00000281560	LSINCT5
NR4A2_R848	chr5	6334352	6334752	Promoter (2-3kb)	5	6310441	6337292	2540	ENSG00000250490	LINC02145
NR4A2_R848	chr5	6447219	6447621	Promoter (1-2kb)	5	6448859	6496723	-1238	ENSG00000215218	UBE2QL1
NR4A2_R848	chr5	6785293	6785693	Promoter (9-10kb)	5	6775818	6833120	9475	ENSG00000251365	LINC02236
NR4A2_R848	chr5	28808888	28809288	Promoter (<=1kb)	5	28809331	29163382	-43	NA	LINC02109
NR4A2_R848	chr5	33626043	33626443	Promoter (1-2kb)	5	33603442	33624351	-1692	ENSG00000151388	ADAMTS12
NR4A2_R848	chr5	34190697	34191097	Promoter (<=1kb)	5	34190056	34193653	641	NA	LOC646652
NR4A2_R848	chr5	34192129	34192529	Promoter (2-3kb)	5	34190056	34193653	2073	NA	LOC646652
NR4A2_R848	chr5	61731361	61731761	Promoter (3-4kb)	5	61732774	61735668	3907	ENSG00000251575	C5orf64-AS1
NR4A2_R848	chr5	113108161	113108561	Promoter (3-4kb)	5	113101543	113104625	-3536	ENSG00000171444	MCC
NR4A2_R848	chr5	119629918	119630318	Promoter (<=1kb)	5	119629686	119635082	232	ENSG00000164334	FAM170A
NR4A2_R848	chr5	122477714	122478114	Promoter (<=1kb)	5	122454248	122478881	767	ENSG00000250328	MGC32805
NR4A2_R848	chr5	126589876	126590276	Promoter (3-4kb)	5	126591928	126594138	3862	ENSG00000164904	ALDH7A1
NR4A2_R848	chr5	131987311	131987711	Promoter (<=1kb)	5	131981859	131988090	379	ENSG00000164398	ACSL6
NR4A2_R848	chr5	133244751	133245151	Promoter (7-8kb)	5	133220773	133252264	7113	ENSG00000053108	FSTL4
NR4A2_R848	chr5	133254358	133254758	Promoter (2-3kb)	5	133220773	133252264	-2094	ENSG00000053108	FSTL4
NR4A2_R848	chr5	134615790	134616190	Promoter (<=1kb)	5	134606430	134614903	-887	ENSG00000152700	SAR1B
NR4A2_R848	chr5	134629381	134629781	Promoter (2-3kb)	5	134607037	134632769	2988	ENSG00000152700	SAR1B
NR4A2_R848	chr5	134745258	134745658	Promoter (6-7kb)	5	134738583	134751377	6675	ENSG00000164615	CAMLG
NR4A2_R848	chr5	138326887	138327287	Promoter (1-2kb)	5	138325918	138328882	1595	ENSG00000158402	CDC25C
NR4A2_R848	chr5	138433016	138433416	Promoter (5-6kb)	5	138439057	138446965	-5641	ENSG00000132563	REEP2
NR4A2_R848	chr5	147873075	147873475	Promoter (1-2kb)	5	147872018	147882191	1057	ENSG00000164265	SCGB3A2
NR4A2_R848	chr5	150475803	150476203	Promoter (9-10kb)	5	150485818	150521458	-9615	ENSG00000070614	NDST1
NR4A2_R848	chr5	150501955	150502355	Promoter (4-5kb)	5	150497927	150521323	4028	ENSG00000070614	NDST1
NR4A2_R848	chr5	171378615	171379015	Promoter (7-8kb)	5	171386656	171386760	7745	ENSG00000264249	MIR3912
NR4A2_R848	chr5	172089338	172089738	Promoter (3-4kb)	5	172092428	172093577	3839	ENSG00000072786	STK10
NR4A2_R848	chr5	172098786	172099186	Promoter (5-6kb)	5	172092428	172093577	-5209	ENSG00000072786	STK10
NR4A2_R848	chr5	174097483	174097883	Promoter (6-7kb)	5	174091205	174108346	6278	ENSG00000170091	NSG2
NR4A2_R848	chr5	176132652	176133052	Promoter (8-9kb)	5	176123834	176125138	8818	NA	NA
NR4A2_R848	chr5	176588281	176588681	Promoter (1-2kb)	5	176586659	176589570	1622	ENSG00000074276	CDHR2
NR4A2_R848	chr5	176591697	176592097	Promoter (1-2kb)	5	176590601	176591690	1096	ENSG00000074276	CDHR2
NR4A2_R848	chr5	177096828	177097228	Promoter (<=1kb)	5	177097191	177097764	0	ENSG00000160867	FGFR4
NR4A2_R848	chr5	177101189	177101589	Promoter (3-4kb)	5	177097191	177097764	3998	ENSG00000160867	FGFR4
NR4A2_R848	chr5	178269363	178269763	Promoter (3-4kb)	5	178263208	178265834	-3529	ENSG00000050767	COL23A1
NR4A2_R848	chr5	178945182	178945582	Promoter (2-3kb)	5	178942428	178948116	2754	ENSG00000178187	ZNF454
NR4A2_R848	chr6	302372	302772	Promoter (9-10kb)	6	292540	350950	9832	ENSG00000112679	DUSP22
NR4A2_R848	chr6	2907164	2907564	Promoter (3-4kb)	6	2887270	2903309	-3855	ENSG00000170542	SERPINB9
NR4A2_R848	chr6	5999541	5999941	Promoter (3-4kb)	6	5998715	6002963	3022	ENSG00000124785	NRN1
NR4A2_R848	chr6	21980430	21980830	Promoter (1-2kb)	6	21978973	22194227	1457	NA	CASC15
NR4A2_R848	chr6	33803458	33803858	Promoter (<=1kb)	6	33794787	33803980	122	ENSG00000096395	MLN
NR4A2_R848	chr6	34008024	34008424	Promoter (7-8kb)	6	33999972	34000051	-7973	ENSG00000221697	MIR1275
NR4A2_R848	chr6	34071766	34072166	Promoter (8-9kb)	6	34022138	34063635	-8131	ENSG00000124493	GRM4
NR4A2_R848	chr6	34072835	34073260	Promoter (9-10kb)	6	34022138	34063635	-9200	ENSG00000124493	GRM4
NR4A2_R848	chr6	34457783	34458183	Promoter (7-8kb)	6	34466061	34535221	-7878	ENSG00000124507	PACSIN1
NR4A2_R848	chr6	34517376	34517776	Promoter (2-3kb)	6	34514890	34527694	2486	ENSG00000124507	PACSIN1
NR4A2_R848	chr6	35056247	35056647	Promoter (1-2kb)	6	35058248	35081053	-1601	ENSG00000064999	ANKS1A
NR4A2_R848	chr6	35292064	35292464	Promoter (<=1kb)	6	35292323	352945			



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr6	160668682	160669082	Promoter (4-5kb)	6	160531483	160664259	-4423	ENSG00000198670	LPA
NR4A2_R848	chr6	166507210	166507610	Promoter (1-2kb)	6	166509354	166509433	1823	ENSG00000222958	MIR1913
NR4A2_R848	chr6	166900772	166901172	Promoter (2-3kb)	6	166903698	166904835	-2526	NA	RPS6KA2-AS1
NR4A2_R848	chr6	167671822	167672222	Promoter (7-8kb)	6	167666840	167679270	7048	ENSG00000272549	LINC02538
NR4A2_R848	chr6	168043810	168044210	Promoter (8-9kb)	6	168035488	168038670	8322	ENSG00000125337	KIF25
NR4A2_R848	chr6	168070002	168070402	Promoter (2-3kb)	6	168056989	168067523	-2479	ENSG00000153303	FRMD1
NR4A2_R848	chr6	168243473	168243873	Promoter (<=1kb)	6	168243014	168259700	459	ENSG00000234647	LOC101929420
NR4A2_R848	chr6	168659453	168659936	Promoter (6-7kb)	6	168653203	168673445	6250	ENSG00000112562	SMOC2
NR4A2_R848	chr6	169167411	169167811	Promoter (4-5kb)	6	169157207	169162992	-4419	ENSG00000223485	LINC01615
NR4A2_R848	chr6	169218919	169219319	Promoter (4-5kb)	6	169217454	169223440	4121	ENSG00000186340	THBS2
NR4A2_R848	chr6	169233241	169233641	Promoter (3-4kb)	6	169234510	169237412	3771	ENSG00000186340	THBS2
NR4A2_R848	chr6	169233802	169234202	Promoter (3-4kb)	6	169234510	169237412	3210	ENSG00000186340	THBS2
NR4A2_R848	chr6	169650015	169650762	Promoter (<=1kb)	6	169457212	169649233	-782	ENSG00000184465	WDR27
NR4A2_R848	chr7	566348	566748	Promoter (4-5kb)	7	561958	565619	4390	ENSG00000229380	PRKAR1B-AS2
NR4A2_R848	chr7	767915	768315	Promoter (<=1kb)	7	768475	786044	-160	ENSG00000164818	DNAAF5
NR4A2_R848	chr7	784199	784599	Promoter (4-5kb)	7	779904	785573	4295	ENSG00000164818	DNAAF5
NR4A2_R848	chr7	889176	889576	Promoter (1-2kb)	7	887486	892474	1690	ENSG00000239857	GET4
NR4A2_R848	chr7	989577	989977	Promoter (2-3kb)	7	986657	988804	2920	ENSG00000073067	CYP2W1
NR4A2_R848	chr7	1015968	1016368	Promoter (6-7kb)	7	1022933	1023026	6658	ENSG00000199023	MIR339
NR4A2_R848	chr7	1032176	1032576	Promoter (3-4kb)	7	1024502	1028352	-3824	ENSG00000146540	C7orf50
NR4A2_R848	chr7	1438929	1439329	Promoter (<=1kb)	7	1434366	1438962	0	ENSG00000164877	MICALL2
NR4A2_R848	chr7	1483516	1483916	Promoter (7-8kb)	7	1474200	1476150	-7366	ENSG00000164880	INTS1
NR4A2_R848	chr7	1541266	1541666	Promoter (2-3kb)	7	1538708	1540373	2558	ENSG00000198517	MAFK
NR4A2_R848	chr7	1606953	1607353	Promoter (7-8kb)	7	1614590	1615325	-7237	NA	TFAMP1
NR4A2_R848	chr7	1618413	1618813	Promoter (3-4kb)	7	1614590	1615325	3823	NA	TFAMP1
NR4A2_R848	chr7	1689991	1690835	Promoter (1-2kb)	7	1688119	1747954	1872	ENSG00000225968	ELFN1
NR4A2_R848	chr7	1938895	1939295	Promoter (1-2kb)	7	1898200	1940549	1254	ENSG00000002822	MAD1L1
NR4A2_R848	chr7	2102150	2102550	Promoter (5-6kb)	7	2014506	2107708	5158	ENSG00000002822	MAD1L1
NR4A2_R848	chr7	2252679	2253079	Promoter (3-4kb)	7	2249285	2251146	3394	ENSG00000106268	NUDT1
NR4A2_R848	chr7	2272008	2272408	Promoter (<=1kb)	7	2257666	2271896	-112	ENSG00000106266	SNX8
NR4A2_R848	chr7	2379473	2379873	Promoter (<=1kb)	7	2378687	2379841	786	ENSG00000106263	EIF3B
NR4A2_R848	chr7	2514440	2514840	Promoter (1-2kb)	7	2512529	2528427	1911	ENSG00000106003	LFNG
NR4A2_R848	chr7	2514914	2515314	Promoter (2-3kb)	7	2512529	2528427	2385	ENSG00000106003	LFNG
NR4A2_R848	chr7	2912804	2913204	Promoter (9-10kb)	7	2917290	2923040	9836	ENSG00000198286	CARD11
NR4A2_R848	chr7	2917771	2918171	Promoter (4-5kb)	7	2917290	2923040	4869	ENSG00000198286	CARD11
NR4A2_R848	chr7	4125027	4125630	Promoter (4-5kb)	7	4129685	4269000	-4055	ENSG00000146555	SDK1
NR4A2_R848	chr7	4230098	4230696	Promoter (2-3kb)	7	4232887	4237671	-2191	ENSG00000146555	SDK1
NR4A2_R848	chr7	4807459	4808031	Promoter (3-4kb)	7	4799105	4804068	-3391	ENSG00000157927	RADIL
NR4A2_R848	chr7	5311629	5312029	Promoter (8-9kb)	7	5313111	5320607	8578	ENSG00000182095	TNRC18
NR4A2_R848	chr7	5497866	5498266	Promoter (1-2kb)	7	5495819	5495917	-1949	ENSG00000207973	MIR589
NR4A2_R848	chr7	8152559	8152959	Promoter (4-5kb)	7	8141765	8157764	4805	ENSG00000003147	ICA1
NR4A2_R848	chr7	23321675	23322075	Promoter (3-4kb)	7	23312373	23317833	-3842	ENSG00000136231	IGF2BP3
NR4A2_R848	chr7	26177054	26177454	Promoter (<=1kb)	7	26178003	26183874	-549	ENSG00000050344	NFE2L3
NR4A2_R848	chr7	26642328	26642728	Promoter (3-4kb)	7	26638457	26647305	3871	ENSG00000222004	LINC02860
NR4A2_R848	chr7	29649171	29649571	Promoter (<=1kb)	7	29650227	29742594	-656	ENSG00000227855	DPY19L2P3
NR4A2_R848	chr7	30754259	30754659	Promoter (2-3kb)	7	30752153	30791179	2106	ENSG00000254959	INMT-MINDY4
NR4A2_R848	chr7	31077513	31077913	Promoter (9-10kb)	7	31086971	31104899	-9058	ENSG00000078549	ADCYAP1R1
NR4A2_R848	chr7	36515699	36516099	Promoter (1-2kb)	7	36513002	36514676	-1023	ENSG00000136250	AOAH
NR4A2_R848	chr7	37847634	37848034	Promoter (<=1kb)	7	37848597	37900397	-563	ENSG00000086288	NME8
NR4A2_R848	chr7	43247674	43248074	Promoter (1-2kb)	7	43249137	43311993	-1063	ENSG00000002746	HECW1
NR4A2_R848	chr7	44184832	44185232	Promoter (3-4kb)	7	44145132	44188987	3755	ENSG00000106633	GCK
NR4A2_R848	chr7	44254434	44254965	Promoter (4-5kb)	7	44243251	44259581	4616	ENSG00000058404	CAMK2B
NR4A2_R848	chr7	50713348	50713814	Promoter (8-9kb)	7	50590063	50705301	-8047	ENSG00000106070	GRB10
NR4A2_R848	chr7	54545239	54545995	Promoter (<=1kb)	7	54546161	54569489	-166	ENSG00000170419	VSTM2A
NR4A2_R848	chr7	56081397	56081797	Promoter (4-5kb)	7	56076603	56079747	4794	ENSG00000129103	SUMF2
NR4A2_R848	chr7	56091762	56092162	Promoter (<=1kb)	7	56081717	56092932	770	ENSG00000164776	PHKG1
NR4A2_R848	chr7	57181985	57182385	Promoter (1-2kb)	7	57177409	57180052	-1933	NA	GUSBP10
NR4A2_R848	chr7	57182954	57183354	Promoter (2-3kb)	7	57177409	57180052	-2902	NA	GUSBP10
NR4A2_R848	chr7	57218243	57218643	Promoter (3-4kb)	7	57209865	57222159	3516	ENSG00000234089	LOC105375297
NR4A2_R848	chr7	64230164	64230564	Promoter (1-2kb)	7	64228474	64266931	1690	ENSG00000197123	ZNF679
NR4A2_R848	chr7	64577010	64577410	Promoter (5-6kb)	7	64582733	64583207	-5323	NA	LOC641746
NR4A2_R848	chr7	73428172	73428673	Promoter (5-6kb)	7	73433778	73436120	-5105	ENSG00000188763	FZD9
NR4A2_R848	chr7	73597549	73597949	Promoter (<=1kb)	7	73596174	73597362	-187	ENSG00000009950	MLXIPL
NR4A2_R848	chr7	73762463	73762863	Promoter (7-8kb)	7	73768997	73770270	7407	ENSG00000165215	CLDN3
NR4A2_R848	chr7	73867073	73867473	Promoter (5-6kb)	7	73861172	73865890	5901	ENSG00000175877	TMEM270
NR4A2_R848	chr7	74049259	74049659	Promoter (2-3kb)	7	74046659	74052236	2600	ENSG00000049540	ELN
NR4A2_R848	chr7	74112840	74113240	Promoter (2-3kb)	7	74115368	74121029	-2128	ENSG00000106683	LIMK1
NR4A2_R848	chr7	74496325	74496725	Promoter (9-10kb)	7	74505992	74602591	-9267	ENSG00000006704	GTF2IRD1
NR4A2_R848	chr7	74517065	74517465	Promoter (8-9kb)	7	74508075	74559660	8990	ENSG00000006704	GTF2IRD1
NR4A2_R848	chr7	76258978	76259378	Promoter (6-7kb)	7	76265407	76269992	-6029	ENSG00000177679	SRRM3
NR4A2_R848	chr7	76298615	76299015	Promoter (3-4kb)	7	76302673	76304292	-3658	ENSG00000106211	HSPB1
NR4A2_R848	chr7	83460640	83461040	Promoter (1-2kb)	7	83407140	83462160	1120	ENSG00000170381	SEMA3E
NR4A2_R848	chr7	87209423	87209823	Promoter (6-7kb)	7	87197718	87203043	-6380	ENSG00000135185	TMEM243
NR4A2_R848	chr7	99823076	99823476	Promoter (4-5kb)	7	99828013	99839420	-4537	ENSG00000021461	CYP3A43
NR4A2_R848	chr7	100245460	100245860	Promoter (<=1kb)	7	100222645	100246548	688	ENSG00000239521	CASTOR3
NR4A2_R848	chr7	100459361	100459761	Promoter (4-5kb)	7	100456924	100463873	4112	ENSG00000185955	C7orf61
NR4A2_R848	chr7	100650120	100650520	Promoter (2-3kb)	7	100643142	100647738	-2382	ENSG00000077080	ACTL6B
NR4A2_R848	chr7	100861949	100862349	Promoter (<=1kb)	7	100861520	100865555	429	ENSG00000146828	SLC12A9
NR4A2_R848	chr7	100952915	100953315	Promoter (3-4kb)	7	100949625	100967308	3290	ENSG00000169894	MUC3A
NR4A2_R848	chr7	100958480	100958969	Promoter (<=1kb)	7	100957965	100967890	515	ENSG00000169894	MUC3A
NR4A2_R848	chr7	101210973	101211373	Promoter (<=1kb)	7	101210356	101211103	0	ENSG00000106397	PLOD3
NR4A2_R848	chr7	101231036	101231436	Promoter (6-7kb)	7	101232405	101237477	6041	ENSG00000106404	CLDN15
NR4A2_R848	chr7	101636063	101636463	Promoter (6-7kb)	7	101613330	101629296	-6767	ENSG00000106436	MYL10
NR4A2_R848	chr7	101637371	101637771	Promoter (8-9kb)	7	101613330	101629296	-8075	ENSG00000106436	MYL10
NR4A2_R848	chr7	102281763	102282163	Promoter (2-3kb)	7	102285091	102314547	-2928	ENSG00000160999	SH2B2
NR4A2_R848	chr7	107888026	107888426	Promoter (2-3kb)	7	107891162	107893554	-2736	ENSG00000091140	DLD
NR4A2_R848	chr7	128464516	128464916	Promoter (8-9kb)	7	128455937	128469197	8579	ENSG00000135245	HILPDA
NR4A2_R848	chr7	128887391	128887791	Promoter (6-7kb)	7	128862451	128880923	-6468	ENSG00000135253	KCP
NR4A2_R848	chr7	128888115	128888515	Promoter (7-8kb)	7	128862451	128880923	-7192	ENSG00000135253	KCP
NR4A2_R848	chr7	130055518	130055918	Promoter (4-5kb)	7	130018287	130051451	-4067	ENSG00000091732	ZC3HC1
NR4A2_R848	chr7	130532155	130532555	Promoter (6-7kb)	7	130538954	130546900	-6399	NA	COPG2IT1
NR4A2_R848	chr7	135698397	135698797	Promoter (7-8kb)	7	135699364	135705807	7010	ENSG00000164707	SLC13A4
NR4A2_R848	chr7	138632208	138632608	Promoter (4-5kb)	7	138594437	138627444	-4764	ENSG00000157703	SVOPL
NR4A2_R848	chr7	149801025	149801425	Promoter (9-10kb)	7	149810915	149812635	-9490	ENSG00000197558	SSPOP
NR4A2_R848	chr7	151121758	151							

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr8	26566936	26567336	Promoter (9-10kb)	8	26577062	26583965	-9726	ENSG00000092964	DPYSL2
NR4A2_R848	chr8	27265759	27266159	Promoter (7-8kb)	8	27236475	27258420	-7339	ENSG00000015592	STMN4
NR4A2_R848	chr8	37518334	37518734	Promoter (<=1kb)	8	37516407	37517728	-606	ENSG00000253414	LINC01605
NR4A2_R848	chr8	37559335	37559868	Promoter (5-6kb)	8	37450763	37554183	-5152	ENSG00000253414	LINC01605
NR4A2_R848	chr8	37788457	37788857	Promoter (4-5kb)	8	37784191	37829993	4266	ENSG00000020181	ADGRA2
NR4A2_R848	chr8	38292459	38292859	Promoter (1-2kb)	8	38289421	38290748	-1711	ENSG00000147548	NSD3
NR4A2_R848	chr8	43205773	43206173	Promoter (9-10kb)	8	43196168	43199858	9605	ENSG00000165102	HGSNAT
NR4A2_R848	chr8	54124924	54125324	Promoter (9-10kb)	8	54135241	54148514	-9917	ENSG00000137547	MRPL15
NR4A2_R848	chr8	65662616	65663016	Promoter (6-7kb)	8	65669871	65707976	-6855	ENSG00000066855	MTFR1
NR4A2_R848	chr8	72241591	72241991	Promoter (9-10kb)	8	72202751	72251565	9574	NA	LOC392232
NR4A2_R848	chr8	85663627	85664027	Promoter (<=1kb)	8	85661524	85663497	-130	ENSG00000277422	REXO1L2P
NR4A2_R848	chr8	85714395	85714813	Promoter (<=1kb)	8	85714922	85715833	-109	ENSG00000277422	REXO1L2P
NR4A2_R848	chr8	96288713	96289113	Promoter (5-6kb)	8	96283597	96304157	5116	ENSG00000156471	PTDSS1
NR4A2_R848	chr8	101049121	101049521	Promoter (<=1kb)	8	101050342	101076215	-821	ENSG00000248599	FLJ42969
NR4A2_R848	chr8	125422495	125422895	Promoter (7-8kb)	8	125430358	125438403	-7463	ENSG00000173334	TRIB1
NR4A2_R848	chr8	132187545	132187945	Promoter (<=1kb)	8	132120859	132187213	-332	ENSG00000184156	KCNQ3
NR4A2_R848	chr8	132673897	132674297	Promoter (1-2kb)	8	132638052	132675525	1228	ENSG00000129295	LRRC6
NR4A2_R848	chr8	134695593	134695993	Promoter (<=1kb)	8	134477788	134696554	561	ENSG00000066827	ZFAT
NR4A2_R848	chr8	138882329	138882729	Promoter (<=1kb)	8	138588897	138883211	482	ENSG00000169436	COL22A1
NR4A2_R848	chr8	139696690	139697439	Promoter (5-6kb)	8	139600839	139702956	5517	ENSG00000169427	KCNK9
NR4A2_R848	chr8	139804469	139804869	Promoter (1-2kb)	8	139731006	139806233	1364	ENSG00000167632	TRAPPC9
NR4A2_R848	chr8	139871847	139872675	Promoter (8-9kb)	8	139730996	139881295	8620	ENSG00000167632	TRAPPC9
NR4A2_R848	chr8	141488169	141488569	Promoter (8-9kb)	8	141494911	141496759	8190	ENSG00000226807	MROH5
NR4A2_R848	chr8	141515021	141515523	Promoter (7-8kb)	8	141433832	141507230	-7791	ENSG00000226807	MROH5
NR4A2_R848	chr8	142190658	142191058	Promoter (7-8kb)	8	142198356	142209003	-7298	ENSG00000254008	LINC00051
NR4A2_R848	chr8	142192650	142193050	Promoter (5-6kb)	8	142198356	142209003	-5306	ENSG00000254008	LINC00051
NR4A2_R848	chr8	142271916	142272575	Promoter (7-8kb)	8	142271567	142279997	7422	ENSG00000171045	TSNARE1
NR4A2_R848	chr8	142284987	142285387	Promoter (4-5kb)	8	142271567	142279997	-4990	ENSG00000171045	TSNARE1
NR4A2_R848	chr8	142396744	142397144	Promoter (5-6kb)	8	142344260	142402888	5744	ENSG00000171045	TSNARE1
NR4A2_R848	chr8	142398349	142398749	Promoter (4-5kb)	8	142344260	142402888	4139	ENSG00000171045	TSNARE1
NR4A2_R848	chr8	142413140	142413540	Promoter (9-10kb)	8	142344353	142403182	-9958	ENSG00000171045	TSNARE1
NR4A2_R848	chr8	142469045	142469445	Promoter (5-6kb)	8	142464016	142545006	5029	ENSG00000181790	ADGRB1
NR4A2_R848	chr8	142547832	142548232	Promoter (4-5kb)	8	142543501	142544684	4331	ENSG00000181790	ADGRB1
NR4A2_R848	chr8	142743877	142744277	Promoter (1-2kb)	8	142740949	142742406	-1471	ENSG00000126233	SLURP1
NR4A2_R848	chr8	142744640	142745040	Promoter (2-3kb)	8	142740949	142742406	-2234	ENSG00000126233	SLURP1
NR4A2_R848	chr8	142791367	142791769	Promoter (4-5kb)	8	142784882	142786539	-4828	ENSG00000167656	LY6D
NR4A2_R848	chr8	143313590	143313990	Promoter (1-2kb)	8	143304384	143315807	1817	ENSG00000184428	TOP1MT
NR4A2_R848	chr8	143410679	143411095	Promoter (6-7kb)	8	143417679	143419150	-6584	ENSG00000254338	MAFA-AS1
NR4A2_R848	chr8	143981708	143982217	Promoter (2-3kb)	8	143977153	143984358	2141	ENSG00000178685	PARP10
NR4A2_R848	chr8	144066064	144066464	Promoter (2-3kb)	8	144058887	144063965	-2099	ENSG00000178814	OPLAH
NR4A2_R848	chr8	144453619	144454019	Promoter (3-4kb)	8	144449582	144457641	3622	ENSG00000187954	CYHR1
NR4A2_R848	chr9	22440015	22440415	Promoter (6-7kb)	9	22446824	22455740	-6409	ENSG00000176399	DMRTA1
NR4A2_R848	chr9	38629409	38629809	Promoter (8-9kb)	9	38621088	38624990	8321	NA	FAM201A
NR4A2_R848	chr9	41229417	41230068	Promoter (3-4kb)	9	41233755	41233835	-3687	ENSG00000276029	MIR4477A
NR4A2_R848	chr9	61856412	61857145	Promoter (2-3kb)	9	61854216	62076341	2196	ENSG00000231527	FAM27C
NR4A2_R848	chr9	62799318	62799830	Promoter (1-2kb)	9	62801461	62810186	-1631	ENSG00000238113	LINC01410
NR4A2_R848	chr9	62801224	62801624	Promoter (<=1kb)	9	62801461	62810186	0	ENSG00000238113	LINC01410
NR4A2_R848	chr9	63817670	63818070	Promoter (1-2kb)	9	63819574	63819654	-1504	ENSG00000266017	MIR4477B
NR4A2_R848	chr9	63823317	63823745	Promoter (3-4kb)	9	63819574	63819654	3743	ENSG00000266017	MIR4477B
NR4A2_R848	chr9	87869473	87869873	Promoter (9-10kb)	9	87858103	87859599	-9874	NA	LOC392364
NR4A2_R848	chr9	89364348	89364748	Promoter (<=1kb)	9	89361601	89364651	0	ENSG00000187764	SEMA4D
NR4A2_R848	chr9	92162019	92162419	Promoter (9-10kb)	9	92152594	92158488	9425	NA	LINC00475
NR4A2_R848	chr9	92803880	92804403	Promoter (4-5kb)	9	92809388	92888693	-4985	ENSG00000187984	ANKRD19P
NR4A2_R848	chr9	93295512	93296240	Promoter (2-3kb)	9	93293133	93300326	2379	ENSG00000165238	WNK2
NR4A2_R848	chr9	93296614	93297014	Promoter (3-4kb)	9	93293133	93300326	3481	ENSG00000165238	WNK2
NR4A2_R848	chr9	93587606	93588006	Promoter (6-7kb)	9	93594841	93594894	-6835	ENSG00000283146	MIR548AU
NR4A2_R848	chr9	93818573	93818973	Promoter (<=1kb)	9	93819357	93819421	-384	ENSG00000265347	MIR4291
NR4A2_R848	chr9	94555273	94555673	Promoter (<=1kb)	9	94555083	94570916	190	NA	PCAT7
NR4A2_R848	chr9	96358634	96359034	Promoter (1-2kb)	9	96320998	96360192	1158	ENSG00000130958	SLC35D2
NR4A2_R848	chr9	96410638	96411038	Promoter (7-8kb)	9	96385941	96418370	7332	ENSG00000165244	ZNF367
NR4A2_R848	chr9	97221976	97222376	Promoter (<=1kb)	9	97156570	97221235	-741	NA	ANKRD18CP
NR4A2_R848	chr9	98392766	98393208	Promoter (3-4kb)	9	98362555	98388887	-3879	ENSG00000136928	GABBR2
NR4A2_R848	chr9	114165876	114166561	Promoter (1-2kb)	9	114167715	114218579	-1154	ENSG00000196739	COL27A1
NR4A2_R848	chr9	114250127	114250527	Promoter (9-10kb)	9	114240220	114246121	9907	ENSG00000196739	COL27A1
NR4A2_R848	chr9	114278296	114278696	Promoter (9-10kb)	9	114268807	114274230	9489	ENSG00000196739	COL27A1
NR4A2_R848	chr9	114301815	114302215	Promoter (1-2kb)	9	114300362	114301542	1453	ENSG00000196739	COL27A1
NR4A2_R848	chr9	115144001	115144401	Promoter (2-3kb)	9	115141818	115402644	2183	ENSG00000173077	DELEC1
NR4A2_R848	chr9	120382992	120383392	Promoter (6-7kb)	9	120389195	120390277	6885	ENSG00000136861	CDK5RAP2
NR4A2_R848	chr9	123347332	123347732	Promoter (8-9kb)	9	123356170	123374099	-8438	ENSG00000148204	CRB2
NR4A2_R848	chr9	128301254	128301654	Promoter (9-10kb)	9	128309784	128311354	9700	ENSG00000167112	TRUB2
NR4A2_R848	chr9	128643509	128643909	Promoter (6-7kb)	9	128635323	128637028	-6481	ENSG00000119333	DYNC2I2
NR4A2_R848	chr9	128676797	128677197	Promoter (6-7kb)	9	128683655	128696400	-6458	ENSG00000119335	SET
NR4A2_R848	chr9	130169102	130169502	Promoter (2-3kb)	9	130172404	130237303	-2902	ENSG00000107130	NCS1
NR4A2_R848	chr9	130188515	130188915	Promoter (4-5kb)	9	130193828	130217920	-4913	ENSG00000107130	NCS1
NR4A2_R848	chr9	130299896	130300296	Promoter (7-8kb)	9	130307519	130338606	-7223	ENSG00000148357	HMCN2
NR4A2_R848	chr9	130390576	130390976	Promoter (6-7kb)	9	130384449	130419582	6127	ENSG00000148357	HMCN2
NR4A2_R848	chr9	130454733	130455133	Promoter (2-3kb)	9	130452223	130471514	2510	ENSG00000130707	ASS1
NR4A2_R848	chr9	130933383	130933783	Promoter (2-3kb)	9	130903676	130936376	2593	ENSG00000130720	FIBCD1
NR4A2_R848	chr9	132854713	132855113	Promoter (8-9kb)	9	132861396	132863712	8599	ENSG00000165695	AK8
NR4A2_R848	chr9	133514899	133515299	Promoter (9-10kb)	9	133514586	133524959	9660	ENSG00000187616	MYMK
NR4A2_R848	chr9	133657137	133657537	Promoter (<=1kb)	9	133654586	133657313	0	ENSG00000225756	DBH-AS1
NR4A2_R848	chr9	133930109	133930509	Promoter (8-9kb)	9	133925851	133939301	8792	ENSG00000160293	VAV2
NR4A2_R848	chr9	133933673	133934073	Promoter (5-6kb)	9	133925851	133939301	5228	ENSG00000160293	VAV2
NR4A2_R848	chr9	134847453	134847853	Promoter (1-2kb)	9	134849298	134849369	1516	ENSG00000264744	MIR3689C
NR4A2_R848	chr9	134870568	134870968	Promoter (9-10kb)	9	134880810	134887523	-9842	ENSG00000160339	FCN2
NR4A2_R848	chr9	135069186	135069775	Promoter (5-6kb)	9	135075422	135077391	-5647	ENSG00000130558	OLFM1
NR4A2_R848	chr9	135726759	135727209	Promoter (9-10kb)	9	135736517	135793618	-9308	ENSG00000107147	KCNT1
NR4A2_R848	chr9	135752745	135753145	Promoter (<=1kb)	9	135753751	135786399	-606	ENSG00000107147	KCNT1
NR4A2_R848	chr9	135756335	135756735	Promoter (2-3kb)	9	135753751	135786399	2584	ENSG00000107147	KCNT1
NR4A2_R848	chr9	135758354	135758754	Promoter (4-5kb)	9	135753751	135786399	4603	ENSG00000107147	KCNT1
NR4A2_R848	chr9	135773956	135774708	Promoter (1-2kb)	9	135772858	135784858	1098	ENSG00000107147	KCNT1
NR4A2_R848	chr9	135836358	135837009	Promoter (9-10kb)	9	135810423	135826409	-9949	ENSG00000130559	CAMSAP1
NR4A2_R848	chr9	1361249								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr9	137900394	137900794	Promoter (7-8kb)	9	137867925	137892570	-7824	ENSG00000203987	LOC100133077
NR4A2_R848	chr10	81174	81574	Promoter (7-8kb)	10	46892	74163	-7011	ENSG00000261456	TUBB8
NR4A2_R848	chr10	337108	337896	Promoter (7-8kb)	10	324639	329526	-7582	ENSG00000151240	DIP2C
NR4A2_R848	chr10	480218	480618	Promoter (5-6kb)	10	274190	486558	5940	ENSG00000151240	DIP2C
NR4A2_R848	chr10	624310	624710	Promoter (3-4kb)	10	628638	631255	-3928	ENSG00000225140	LOC101930421
NR4A2_R848	chr10	1010678	1011078	Promoter (1-2kb)	10	1012400	1017197	-1322	ENSG00000107937	GTPBP4
NR4A2_R848	chr10	1157243	1157643	Promoter (2-3kb)	10	1159768	1165112	-2125	ENSG00000229205	LINC00200
NR4A2_R848	chr10	5497428	5497828	Promoter (1-2kb)	10	5498697	5499570	1742	ENSG00000178372	CALML5
NR4A2_R848	chr10	5497838	5498238	Promoter (1-2kb)	10	5498697	5499570	1332	ENSG00000178372	CALML5
NR4A2_R848	chr10	14825932	14826332	Promoter (1-2kb)	10	14819885	14828205	1873	ENSG00000185267	CDNF
NR4A2_R848	chr10	15136073	15136473	Promoter (4-5kb)	10	15132817	15141353	4880	ENSG00000152465	NMT2
NR4A2_R848	chr10	15149260	15149660	Promoter (5-6kb)	10	15154802	15155320	5660	ENSG00000206448	PPIAP30
NR4A2_R848	chr10	23010014	23010414	Promoter (3-4kb)	10	23006735	23008374	3279	ENSG00000165309	ARMC3
NR4A2_R848	chr10	24538212	24538612	Promoter (3-4kb)	10	24542420	24543708	-3808	ENSG00000120549	KIAA1217
NR4A2_R848	chr10	46267412	46267812	Promoter (5-6kb)	10	46233885	46273557	5745	NA	ANTXRLP1
NR4A2_R848	chr10	46298532	46298932	Promoter (1-2kb)	10	46297404	46310499	1128	ENSG00000274209	ANTXRL
NR4A2_R848	chr10	47329490	47329890	Promoter (7-8kb)	10	47322454	47327588	7036	ENSG00000263761	GDF2
NR4A2_R848	chr10	49105214	49105614	Promoter (9-10kb)	10	49102172	49115509	9895	ENSG00000165633	VSTM4
NR4A2_R848	chr10	49621756	49622156	Promoter (5-6kb)	10	49615757	49619856	5999	ENSG00000070748	CHAT
NR4A2_R848	chr10	49741728	49742455	Promoter (2-3kb)	10	49734646	49739499	-2229	ENSG00000197444	OGDHL
NR4A2_R848	chr10	68929547	68929947	Promoter (9-10kb)	10	68919854	68946553	9693	ENSG00000107625	DDX50
NR4A2_R848	chr10	69945942	69946342	Promoter (1-2kb)	10	69944125	69964275	1817	ENSG00000197467	COL13A1
NR4A2_R848	chr10	71432366	71432766	Promoter (7-8kb)	10	71439832	71717907	-7066	ENSG00000107736	CDH23
NR4A2_R848	chr10	75101927	75102327	Promoter (2-3kb)	10	75099586	75168627	2341	ENSG00000156671	SAMD8
NR4A2_R848	chr10	75345049	75345449	Promoter (2-3kb)	10	75342280	75360850	2769	ENSG00000226051	ZNF503-AS1
NR4A2_R848	chr10	75422400	75422800	Promoter (8-9kb)	10	75431624	76560168	-8824	ENSG00000148655	LRMDA
NR4A2_R848	chr10	78266053	78266453	Promoter (<=1kb)	10	78267310	78279707	-857	ENSG00000230417	LINC00595
NR4A2_R848	chr10	80656039	80656478	Promoter (6-7kb)	10	80649797	80653732	6242	ENSG00000231082	LINC02655
NR4A2_R848	chr10	84186274	84186674	Promoter (7-8kb)	10	84194537	84218694	-7863	ENSG00000148600	CDHR1
NR4A2_R848	chr10	84186754	84187154	Promoter (7-8kb)	10	84194537	84218694	-7383	ENSG00000148600	CDHR1
NR4A2_R848	chr10	86452831	86453231	Promoter (8-9kb)	10	86435256	86444032	-8799	ENSG00000062650	WAPL
NR4A2_R848	chr10	86653862	86654262	Promoter (<=1kb)	10	86654547	86666460	-285	ENSG00000122375	OPN4
NR4A2_R848	chr10	96504131	96504531	Promoter (9-10kb)	10	96395193	96513918	9387	ENSG00000095587	TLL2
NR4A2_R848	chr10	96721594	96721994	Promoter (1-2kb)	10	96593315	96720514	-1080	ENSG00000155629	PIK3AP1
NR4A2_R848	chr10	97626720	97627120	Promoter (6-7kb)	10	97619410	97633491	6371	ENSG00000171160	MORN4
NR4A2_R848	chr10	104035953	104036416	Promoter (1-2kb)	10	104031350	104034130	-1823	ENSG00000065618	COL17A1
NR4A2_R848	chr10	104040345	104040745	Promoter (6-7kb)	10	104031350	104034130	-6215	ENSG00000065618	COL17A1
NR4A2_R848	chr10	114305356	114305756	Promoter (<=1kb)	10	114300516	114305133	-223	ENSG00000169129	AFAP1L2
NR4A2_R848	chr10	117126149	117126549	Promoter (<=1kb)	10	116900312	117126586	37	ENSG00000187164	SHTN1
NR4A2_R848	chr10	122566254	122566654	Promoter (<=1kb)	10	122565881	122582692	373	ENSG00000187908	DMBT1
NR4A2_R848	chr10	122599018	122599418	Promoter (<=1kb)	10	122598849	122602120	169	ENSG00000187908	DMBT1
NR4A2_R848	chr10	122725035	122725636	Promoter (3-4kb)	10	122729429	122826448	-3793	ENSG00000176584	DMBT1L1
NR4A2_R848	chr10	124598675	124599075	Promoter (6-7kb)	10	124605200	124613425	-6125	ENSG00000107902	LHPP
NR4A2_R848	chr10	124621857	124622257	Promoter (9-10kb)	10	124612833	124613384	9024	ENSG00000107902	LHPP
NR4A2_R848	chr10	125697371	125697771	Promoter (<=1kb)	10	125697529	125707028	0	ENSG00000228021	LOC283038
NR4A2_R848	chr10	125774614	125775014	Promoter (<=1kb)	10	125757509	125774078	-536	ENSG00000154485	MMP21
NR4A2_R848	chr10	128066931	128067331	Promoter (1-2kb)	10	128068382	128072682	-1051	ENSG00000132334	PTPRE
NR4A2_R848	chr10	130971485	130971885	Promoter (8-9kb)	10	130962588	130962668	-8817	ENSG00000264803	MIR378C
NR4A2_R848	chr10	131938849	131939249	Promoter (<=1kb)	10	131939776	131944006	-527	ENSG00000175470	PPP2R2D
NR4A2_R848	chr10	132067224	132067624	Promoter (1-2kb)	10	132066015	132184844	1209	ENSG00000188385	JAKMIP3
NR4A2_R848	chr10	132139119	132139519	Promoter (1-2kb)	10	132140528	132184805	-1009	ENSG00000188385	JAKMIP3
NR4A2_R848	chr10	132154860	132155265	Promoter (6-7kb)	10	132161783	132163383	-6518	ENSG00000188385	JAKMIP3
NR4A2_R848	chr10	132195337	132195737	Promoter (2-3kb)	10	132192760	132205235	2577	ENSG00000151640	DPYSL4
NR4A2_R848	chr10	132208514	132208914	Promoter (4-5kb)	10	132203553	132204907	4961	ENSG00000151640	DPYSL4
NR4A2_R848	chr10	132298798	132299198	Promoter (8-9kb)	10	132207492	132307214	8016	ENSG00000165752	STK32C
NR4A2_R848	chr10	132364268	132364676	Promoter (<=1kb)	10	132365471	132367001	-795	ENSG00000148814	LRRC27
NR4A2_R848	chr10	132392328	132392807	Promoter (4-5kb)	10	132397168	132417528	-4361	ENSG00000171813	PWWP2B
NR4A2_R848	chr10	132405687	132406087	Promoter (8-9kb)	10	132397200	132417859	8487	ENSG00000171813	PWWP2B
NR4A2_R848	chr10	132514370	132514770	Promoter (2-3kb)	10	132511623	132517139	2369	NA	LOC107984282
NR4A2_R848	chr10	132611124	132611584	Promoter (3-4kb)	10	132607926	132777782	3198	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132616436	132616836	Promoter (8-9kb)	10	132607926	132777782	8510	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132707831	132708231	Promoter (2-3kb)	10	132710348	132753972	-2117	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132712904	132713304	Promoter (2-3kb)	10	132710348	132753972	2556	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132764288	132764688	Promoter (1-2kb)	10	132765824	132782405	-1136	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132774931	132775371	Promoter (9-10kb)	10	132765824	132782405	9107	ENSG00000068383	INPP5A
NR4A2_R848	chr10	132821633	132822033	Promoter (8-9kb)	10	132808443	132812804	-8829	ENSG00000171811	CFAP46
NR4A2_R848	chr10	132822187	132822587	Promoter (9-10kb)	10	132808443	132812804	-9383	ENSG00000171811	CFAP46
NR4A2_R848	chr10	132924388	132924788	Promoter (7-8kb)	10	132898517	132916682	-7706	ENSG00000171811	CFAP46
NR4A2_R848	chr10	132946606	132947006	Promoter (3-4kb)	10	132929185	132942823	-3783	ENSG00000171811	CFAP46
NR4A2_R848	chr10	133334045	133334743	Promoter (2-3kb)	10	133327427	133336872	2129	ENSG00000130643	CALY
NR4A2_R848	chr11	359888	360288	Promoter (9-10kb)	11	369499	382117	-9211	ENSG00000182272	B4GALNT4
NR4A2_R848	chr11	740250	740650	Promoter (6-7kb)	11	747415	763520	-6765	ENSG00000177156	TALDO1
NR4A2_R848	chr11	858767	859167	Promoter (3-4kb)	11	862297	867109	-3130	ENSG00000214063	TSPAN4
NR4A2_R848	chr11	884208	884608	Promoter (<=1kb)	11	870122	884163	-45	ENSG00000177830	CHID1
NR4A2_R848	chr11	1241082	1241482	Promoter (8-9kb)	11	1242261	1249676	8194	ENSG00000255177	MUC5B-AS1
NR4A2_R848	chr11	1246006	1246406	Promoter (3-4kb)	11	1242261	1249676	3270	ENSG00000255177	MUC5B-AS1
NR4A2_R848	chr11	1296417	1296817	Promoter (4-5kb)	11	1288636	1292170	-4247	ENSG00000078902	TOLLIP
NR4A2_R848	chr11	1408619	1409159	Promoter (<=1kb)	11	1409400	1442516	-241	ENSG00000174672	BRSK2
NR4A2_R848	chr11	2124939	2125494	Promoter (8-9kb)	11	2134134	2134209	8715	ENSG00000207805	MIR483
NR4A2_R848	chr11	2126712	2127168	Promoter (7-8kb)	11	2134134	2134209	7041	ENSG00000207805	MIR483
NR4A2_R848	chr11	2131507	2131907	Promoter (2-3kb)	11	2134134	2134209	2302	ENSG00000207805	MIR483
NR4A2_R848	chr11	2305835	2306235	Promoter (<=1kb)	11	2306945	2316187	-710	ENSG00000064201	TSPAN32
NR4A2_R848	chr11	2306794	2307194	Promoter (<=1kb)	11	2306945	2316187	0	ENSG00000064201	TSPAN32
NR4A2_R848	chr11	2430663	2431063	Promoter (7-8kb)	11	2404515	2423045	-7618	ENSG00000070985	TRPM5
NR4A2_R848	chr11	2471774	2472174	Promoter (9-10kb)	11	2461887	2527973	9887	ENSG00000053918	KCNQ1
NR4A2_R848	chr11	3131256	3131757	Promoter (1-2kb)	11	3122026	3129329	-1927	ENSG00000021762	OSBPL5
NR4A2_R848	chr11	3231306	3231706	Promoter (<=1kb)	11	3225030	3232417	711	ENSG00000184350	MIRGPRE
NR4A2_R848	chr11	6656151	6656551	Promoter (<=1kb)	11	6621330	6655809	-342	ENSG00000166341	DCHS1
NR4A2_R848	chr11	8776300	8776700	Promoter (<=1kb)	11	8730981	8776679	0	ENSG00000166444	DENND2B
NR4A2_R848	chr11	16887641	16888041	Promoter (6-7kb)	11	16854889	16881619	-6022	ENSG00000166689	PLEKHA7
NR4A2_R848	chr11	17423224	17423624	Promoter (4-5kb)	11	17392935	17427919	4295	ENSG00000006071	ABCC8
NR4A2_R848	chr11	17763778	17764178	Promoter (1-2kb)	11	17765799	17772455	-1621	ENSG00000129159	KCNC1
NR4A2_R848	chr11	20786811	2078721							

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr11	61103691	61104091	Promoter (1-2kb)	11	61102509	61119359	1182	ENSG00000110448	CD5
NR4A2_R848	chr11	61497020	61497420	Promoter (7-8kb)	11	61489038	61490927	7982	ENSG00000162148	PPP1R32
NR4A2_R848	chr11	63926735	63927135	Promoter (9-10kb)	11	63911230	63917164	-9571	ENSG00000167771	RCOR2
NR4A2_R848	chr11	64581991	64582400	Promoter (8-9kb)	11	64590641	64602348	-8241	ENSG00000197891	SLC22A12
NR4A2_R848	chr11	64797183	64797583	Promoter (<=1kb)	11	64789137	64797343	0	ENSG00000168067	MAP4K2
NR4A2_R848	chr11	65185828	65186228	Promoter (<=1kb)	11	65185932	65187686	0	ENSG00000014216	CAPN1
NR4A2_R848	chr11	65980690	65981090	Promoter (2-3kb)	11	65978487	65979089	2203	ENSG00000175467	SART1
NR4A2_R848	chr11	66214357	66214757	Promoter (1-2kb)	11	66216198	66220677	-1441	ENSG00000175115	PACS1
NR4A2_R848	chr11	66327416	66327816	Promoter (5-6kb)	11	66332590	66333553	5737	ENSG00000174791	RIN1
NR4A2_R848	chr11	66501543	66501943	Promoter (2-3kb)	11	66504645	66509331	-2702	ENSG00000254986	DPP3
NR4A2_R848	chr11	66864419	66864819	Promoter (7-8kb)	11	66860448	66872039	7220	ENSG00000173599	PC
NR4A2_R848	chr11	66979138	66979538	Promoter (3-4kb)	11	66975277	66977004	3861	ENSG00000173237	C11orf86
NR4A2_R848	chr11	67669017	67669663	Promoter (1-2kb)	11	67666157	67667970	-1047	ENSG00000132746	ALDH3B2
NR4A2_R848	chr11	68264401	68264801	Promoter (7-8kb)	11	68267180	68271916	7115	ENSG00000171067	C11orf24
NR4A2_R848	chr11	68816963	68817363	Promoter (1-2kb)	11	68807516	68818692	1329	ENSG00000110090	CPT1A
NR4A2_R848	chr11	69064893	69065293	Promoter (7-8kb)	11	69072915	69162440	-7622	ENSG00000284713	SMIM38
NR4A2_R848	chr11	69069683	69070083	Promoter (2-3kb)	11	69072915	69162440	-2832	ENSG00000284713	SMIM38
NR4A2_R848	chr11	69291332	69291732	Promoter (2-3kb)	11	69294151	69341682	-2419	ENSG00000172927	MYEOV
NR4A2_R848	chr11	69813540	69814054	Promoter (3-4kb)	11	69809990	69817550	3496	ENSG00000186895	FGF3
NR4A2_R848	chr11	69814888	69815380	Promoter (2-3kb)	11	69809990	69817550	2170	ENSG00000186895	FGF3
NR4A2_R848	chr11	70669010	70669410	Promoter (6-7kb)	11	70467856	70662197	-6813	ENSG00000162105	SHANK2
NR4A2_R848	chr11	70702069	70702618	Promoter (3-4kb)	11	70492432	70698769	-3300	ENSG00000162105	SHANK2
NR4A2_R848	chr11	70905756	70906156	Promoter (9-10kb)	11	70820364	70896567	-9189	ENSG00000162105	SHANK2
NR4A2_R848	chr11	71440197	71440597	Promoter (<=1kb)	11	71438749	71441347	750	ENSG00000172893	DHCR7
NR4A2_R848	chr11	71577513	71577913	Promoter (4-5kb)	11	71581855	71582875	4962	ENSG00000204571	KRTAP5-11
NR4A2_R848	chr11	72640034	72640434	Promoter (1-2kb)	11	72590199	72642411	1977	ENSG00000186642	PDE2A
NR4A2_R848	chr11	72674354	72674754	Promoter (<=1kb)	11	72576141	72674422	0	ENSG00000186642	PDE2A
NR4A2_R848	chr11	75281302	75281702	Promoter (<=1kb)	11	75281006	75282132	430	ENSG00000137486	ARRB1
NR4A2_R848	chr11	75439103	75439503	Promoter (<=1kb)	11	75434939	75438848	-255	ENSG00000158555	GDPD5
NR4A2_R848	chr11	76713104	76713504	Promoter (6-7kb)	11	76694041	76719801	6297	NA	GUCY2EP
NR4A2_R848	chr11	77178142	77178542	Promoter (1-2kb)	11	77179825	77215238	-1283	ENSG00000137474	MYO7A
NR4A2_R848	chr11	77192755	77193190	Promoter (8-9kb)	11	77184686	77191187	8069	ENSG00000137474	MYO7A
NR4A2_R848	chr11	77289643	77290043	Promoter (2-3kb)	11	77216558	77287418	-2225	ENSG00000178795	GDPD4
NR4A2_R848	chr11	78136167	78136567	Promoter (2-3kb)	11	78121137	78139258	2691	ENSG00000159063	ALG8
NR4A2_R848	chr11	90547467	90547867	Promoter (7-8kb)	11	90555774	90555857	7990	ENSG00000266703	MIR4490
NR4A2_R848	chr11	102730990	102731390	Promoter (3-4kb)	11	102712632	102727050	-3940	ENSG00000118113	MMP8
NR4A2_R848	chr11	107465802	107466202	Promoter (7-8kb)	11	107326345	107457844	-7958	ENSG00000152404	CWF19L2
NR4A2_R848	chr11	111264632	111265032	Promoter (8-9kb)	11	111255983	111286248	8649	ENSG00000150750	C11orf53
NR4A2_R848	chr11	111358341	111358756	Promoter (<=1kb)	11	111354537	111359406	650	ENSG00000110777	POU2AF1
NR4A2_R848	chr11	112254062	112254462	Promoter (5-6kb)	11	112260265	112261396	-5803	ENSG00000268472	LOC100132686
NR4A2_R848	chr11	113698693	113699093	Promoter (4-5kb)	11	113690952	113694414	-4279	ENSG00000166682	TMPRSS5
NR4A2_R848	chr11	116635337	116635737	Promoter (3-4kb)	11	116639422	116658252	-3685	ENSG00000237937	LINC02702
NR4A2_R848	chr11	117193044	117193444	Promoter (<=1kb)	11	117192617	117197279	427	ENSG00000149577	SIDT2
NR4A2_R848	chr11	118639235	118639635	Promoter (<=1kb)	11	118639407	118645783	0	ENSG00000019144	PHLDB1
NR4A2_R848	chr11	118641867	118642329	Promoter (<=1kb)	11	118642039	118644565	0	ENSG00000019144	PHLDB1
NR4A2_R848	chr11	118651476	118651876	Promoter (<=1kb)	11	118650601	118657490	875	ENSG00000019144	PHLDB1
NR4A2_R848	chr11	120122790	120123190	Promoter (<=1kb)	11	120112410	120123032	0	ENSG00000137699	TRIM29
NR4A2_R848	chr11	123583146	123583546	Promoter (7-8kb)	11	123591087	123627774	-7541	ENSG00000023171	GRAMD1B
NR4A2_R848	chr11	124907964	124908364	Promoter (9-10kb)	11	124895861	124898500	-9464	ENSG00000154133	ROBO4
NR4A2_R848	chr11	130195624	130196024	Promoter (5-6kb)	11	130190223	130196610	5401	ENSG00000149418	ST14
NR4A2_R848	chr11	133902356	133902756	Promoter (3-4kb)	11	133898504	133898581	-3775	ENSG00000284020	MIR4697
NR4A2_R848	chr11	133947647	133948047	Promoter (1-2kb)	11	133937407	133946292	-1355	ENSG00000080854	IGSF9B
NR4A2_R848	chr11	134397097	134397497	Promoter (4-5kb)	11	134381645	134392353	-4744	ENSG00000109956	B3GAT1
NR4A2_R848	chr12	944354	944754	Promoter (4-5kb)	12	929772	949519	4765	ENSG00000002016	RAD52
NR4A2_R848	chr12	5865606	5866006	Promoter (4-5kb)	12	5827805	5870436	4430	ENSG00000047617	ANO2
NR4A2_R848	chr12	48841417	48841817	Promoter (1-2kb)	12	48830057	48839855	-1562	ENSG00000174243	DDX23
NR4A2_R848	chr12	49700533	49700933	Promoter (6-7kb)	12	49644931	49707220	6287	ENSG00000161791	FMNL3
NR4A2_R848	chr12	49969995	49970395	Promoter (2-3kb)	12	49972837	49974007	-2442	ENSG00000086159	AQP6
NR4A2_R848	chr12	50135106	50135506	Promoter (<=1kb)	12	50133785	50135537	31	ENSG00000139624	CERS5
NR4A2_R848	chr12	50252209	50252609	Promoter (2-3kb)	12	50222318	50249893	-2316	ENSG00000050405	LIMA1
NR4A2_R848	chr12	51066199	51066599	Promoter (9-10kb)	12	51056371	51059649	9828	ENSG00000050426	LETMD1
NR4A2_R848	chr12	52405822	52406222	Promoter (<=1kb)	12	52393931	52406355	133	ENSG00000161850	KRT82
NR4A2_R848	chr12	53316072	53316472	Promoter (<=1kb)	12	53307890	53315784	-288	ENSG00000094914	AAAS
NR4A2_R848	chr12	56033525	56033925	Promoter (1-2kb)	12	56032280	56034600	1245	ENSG00000123411	IKZF4
NR4A2_R848	chr12	56084477	56084877	Promoter (1-2kb)	12	56083319	56102336	1158	ENSG00000065361	ERBB3
NR4A2_R848	chr12	56692785	56693185	Promoter (4-5kb)	12	56663343	56688408	-4377	ENSG00000110958	PTGES3
NR4A2_R848	chr12	57023180	57023580	Promoter (5-6kb)	12	57012378	57028883	5303	ENSG00000166863	TAC3
NR4A2_R848	chr12	57187722	57188122	Promoter (<=1kb)	12	57187369	57192969	353	ENSG00000123384	LRP1
NR4A2_R848	chr12	57191667	57192156	Promoter (2-3kb)	12	57194504	57194576	-2348	ENSG00000221365	MIR1228
NR4A2_R848	chr12	57210262	57210662	Promoter (6-7kb)	12	57216794	57226449	-6132	ENSG00000182379	NXPH4
NR4A2_R848	chr12	57732909	57733309	Promoter (1-2kb)	12	57730383	57731829	-1080	ENSG00000135439	AGAP2
NR4A2_R848	chr12	62795730	62796130	Promoter (7-8kb)	12	62689750	62788484	-7246	ENSG00000111110	PPM1H
NR4A2_R848	chr12	62938165	62938565	Promoter (3-4kb)	12	62643994	62935150	-3015	ENSG00000111110	PPM1H
NR4A2_R848	chr12	64131264	64131664	Promoter (3-4kb)	12	64127637	64142566	3627	ENSG00000196935	SRGAP1
NR4A2_R848	chr12	80823210	80823610	Promoter (9-10kb)	12	80832533	80832629	9019	ENSG00000207763	MIR617
NR4A2_R848	chr12	108341926	108342326	Promoter (2-3kb)	12	108288044	108339317	-2609	ENSG00000174600	CMKLR1
NR4A2_R848	chr12	108595268	108595668	Promoter (2-3kb)	12	108592252	108598008	2340	ENSG00000183160	TMEM119
NR4A2_R848	chr12	108895069	108895469	Promoter (3-4kb)	12	108898472	108900493	-3003	ENSG00000110887	DAO
NR4A2_R848	chr12	109284971	109285371	Promoter (1-2kb)	12	109277979	109286723	1352	ENSG00000139445	FOXN4
NR4A2_R848	chr12	109398387	109398787	Promoter (2-3kb)	12	109401405	109407881	-2618	ENSG00000174527	MYO1H
NR4A2_R848	chr12	109808792	109809488	Promoter (5-6kb)	12	109783621	109814796	5308	ENSG00000111199	TRPV4
NR4A2_R848	chr12	110406848	110407248	Promoter (3-4kb)	12	110375477	110403730	-3118	ENSG00000196510	ANAPC7
NR4A2_R848	chr12	112574534	112575008	Promoter (<=1kb)	12	112575027	112865465	-19	ENSG00000089169	RPH3A
NR4A2_R848	chr12	113437542	113437942	Promoter (2-3kb)	12	113435507	113437109	2035	ENSG00000139410	SDSL
NR4A2_R848	chr12	114243650	114244050	Promoter (1-2kb)	12	114238970	114241770	-1880	ENSG00000257476	LINC02459
NR4A2_R848	chr12	116839327	116839727	Promoter (3-4kb)	12	116835997	116852945	3330	ENSG00000135119	RNF22
NR4A2_R848	chr12	117199945	117200345	Promoter (9-10kb)	12	117141988	117190531	-9414	ENSG00000135108	FBXO21
NR4A2_R848	chr12	117321963	117322647	Promoter (8-9kb)	12	117215259	117331074	8427	ENSG00000089250	NOS1
NR4A2_R848	chr12	117454694	117455094	Promoter (2-3kb)	12	117331433	117452170	-2524	ENSG00000089250	NOS1
NR4A2_R848	chr12	117558520	117558920	Promoter (3-4kb)	12	117539472	117555229	-3291	ENSG00000171435	KSR2
NR4A2_R848	chr12	120525030	120525430	Promoter (3-4kb)	12	120503969	120529140	3710	ENSG00000110871	COQ5
NR4A2_R848	chr12	120914101	120914501	Promoter (9-10kb)	12	120904702</				



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr12	132597274	132597776	Promoter (8-9kb)	12	132604015	132606264	8488	ENSG00000204583	LRCOL1
NR4A2_R848	chr13	18903874	18904274	Promoter (1-2kb)	13	18905419	18908443	-1145	ENSG00000226250	LINC00408
NR4A2_R848	chr13	19118807	19119207	Promoter (<=1kb)	13	19074038	19118315	-492	ENSG00000287861	LOC107984132
NR4A2_R848	chr13	24682010	24682410	Promoter (1-2kb)	13	24680577	24712493	1433	ENSG00000075673	ATP12A
NR4A2_R848	chr13	24895125	24895525	Promoter (5-6kb)	13	24884330	24889355	-5770	ENSG00000151849	CENPJ
NR4A2_R848	chr13	29491742	29492142	Promoter (1-2kb)	13	29476515	29490105	-1637	NA	MTUS2-AS1
NR4A2_R848	chr13	35706659	35707059	Promoter (9-10kb)	13	35697525	35699256	9134	ENSG00000236036	LINC00445
NR4A2_R848	chr13	49565356	49565756	Promoter (1-2kb)	13	49531946	49567323	1567	ENSG00000136144	RCBTB1
NR4A2_R848	chr13	52815770	52816170	Promoter (5-6kb)	13	52810050	52810140	5720	ENSG00000211579	MIR759
NR4A2_R848	chr13	63837794	63838194	Promoter (4-5kb)	13	63832361	63833531	-4263	ENSG00000285566	LOC647264
NR4A2_R848	chr13	75792274	75792674	Promoter (3-4kb)	13	75788838	75817278	3436	ENSG00000136153	LMO7
NR4A2_R848	chr13	110043415	110043888	Promoter (9-10kb)	13	110053285	110054952	-9397	ENSG00000231428	LINC00396
NR4A2_R848	chr13	110873609	110874009	Promoter (3-4kb)	13	110863987	110870251	-3358	ENSG00000255874	PRECSIT
NR4A2_R848	chr13	111590107	111590507	Promoter (5-6kb)	13	111596009	111642079	-5502	ENSG00000215881	LINC02337
NR4A2_R848	chr13	112078609	112079136	Promoter (<=1kb)	13	112080005	112099924	-869	ENSG00000224243	SOX1-OT
NR4A2_R848	chr13	112778491	112778891	Promoter (6-7kb)	13	112785145	112860798	-6254	ENSG0000068650	ATP11A
NR4A2_R848	chr13	112840037	112840773	Promoter (1-2kb)	13	112842309	112886113	-1536	ENSG0000068650	ATP11A
NR4A2_R848	chr13	112962028	112962428	Promoter (6-7kb)	13	112968500	113099739	-6072	ENSG00000126217	MCF2L
NR4A2_R848	chr13	112972386	112972786	Promoter (3-4kb)	13	112969214	113099742	3172	ENSG00000126217	MCF2L
NR4A2_R848	chr13	113056842	113057753	Promoter (6-7kb)	13	113064312	113070394	-6559	ENSG00000126217	MCF2L
NR4A2_R848	chr13	113058276	113058821	Promoter (5-6kb)	13	113064312	113070394	-5491	ENSG00000126217	MCF2L
NR4A2_R848	chr13	113111996	113112396	Promoter (1-2kb)	13	113110679	113114903	1317	ENSG00000057593	F7
NR4A2_R848	chr13	113112651	113113051	Promoter (1-2kb)	13	113110679	113114903	1972	ENSG00000057593	F7
NR4A2_R848	chr13	113119050	113119450	Promoter (3-4kb)	13	113122799	113149529	-3349	ENSG00000126218	F10
NR4A2_R848	chr13	113122966	113123366	Promoter (<=1kb)	13	113122838	113147472	128	ENSG00000126218	F10
NR4A2_R848	chr13	113546112	113546512	Promoter (<=1kb)	13	113545755	113549915	357	ENSG00000150403	TMCO3
NR4A2_R848	chr13	113588677	113589077	Promoter (3-4kb)	13	113585426	113633287	3251	ENSG00000198176	TFDP1
NR4A2_R848	chr13	113796251	113796651	Promoter (3-4kb)	13	113799888	113804890	-3237	ENSG00000184497	TMEM255B
NR4A2_R848	chr13	113919792	113920192	Promoter (3-4kb)	13	113915941	113920995	3851	ENSG00000229373	LINC00452
NR4A2_R848	chr14	19865953	19866353	Promoter (2-3kb)	14	19868197	19869143	2790	ENSG00000176290	OR4K3
NR4A2_R848	chr14	21443468	21443868	Promoter (6-7kb)	14	21385495	21437308	-6160	ENSG00000100888	CHD8
NR4A2_R848	chr14	34589223	34589623	Promoter (2-3kb)	14	34575591	34586316	-2907	ENSG00000129515	SNX6
NR4A2_R848	chr14	59508195	59508595	Promoter (2-3kb)	14	59504539	59510713	2118	ENSG00000151838	CCDC175
NR4A2_R848	chr14	67399480	67399880	Promoter (1-2kb)	14	67387388	67397820	-1660	ENSG00000100558	PLEK2
NR4A2_R848	chr14	68898839	68899399	Promoter (8-9kb)	14	68879046	68890142	-8697	ENSG00000072110	ACTN1
NR4A2_R848	chr14	69269611	69270011	Promoter (9-10kb)	14	69260291	69348092	9320	ENSG00000100626	GALNT16
NR4A2_R848	chr14	72943523	72943923	Promoter (<=1kb)	14	72942719	72946029	804	ENSG00000119599	DCAF4
NR4A2_R848	chr14	74287405	74287805	Promoter (<=1kb)	14	74286526	74288641	836	ENSG00000119688	ABCD4
NR4A2_R848	chr14	77807300	77807700	Promoter (7-8kb)	14	77800139	77933952	7161	ENSG00000063761	ADCK1
NR4A2_R848	chr14	92046906	92047306	Promoter (6-7kb)	14	92015833	92040896	-6010	ENSG00000100815	TRIP11
NR4A2_R848	chr14	94519554	94519954	Promoter (1-2kb)	14	94487283	94517844	-1710	ENSG00000165953	SERPINA12
NR4A2_R848	chr14	94651061	94651535	Promoter (9-10kb)	14	94641318	94645026	9743	ENSG00000187483	SERPINA13P
NR4A2_R848	chr14	99927896	99928304	Promoter (7-8kb)	14	99936167	99940174	-7863	ENSG0000066629	EML1
NR4A2_R848	chr14	100144965	100145365	Promoter (3-4kb)	14	100141180	100142235	3785	ENSG00000196405	EVL
NR4A2_R848	chr14	100526654	100527054	Promoter (<=1kb)	14	100525946	100529624	708	ENSG00000176473	WDR25
NR4A2_R848	chr14	100722589	100722989	Promoter (2-3kb)	14	100725705	100732070	-2716	ENSG00000185559	DLK1
NR4A2_R848	chr14	100861884	100862284	Promoter (4-5kb)	14	100857624	100861021	4260	ENSG00000214548	MEG3
NR4A2_R848	chr14	100873191	100873591	Promoter (<=1kb)	14	100874493	100874585	-902	ENSG00000199151	MIR337
NR4A2_R848	chr14	101019492	101019892	Promoter (2-3kb)	14	101022066	101022132	-2174	ENSG00000199088	MIR379
NR4A2_R848	chr14	101020087	101020539	Promoter (1-2kb)	14	101022066	101022132	-1527	ENSG00000199088	MIR379
NR4A2_R848	chr14	101117616	101118016	Promoter (2-3kb)	14	101120840	101123545	-2824	ENSG00000259004	LINC02285
NR4A2_R848	chr14	101548239	101548973	Promoter (6-7kb)	14	101552223	101555676	6703	ENSG00000258498	DIO3OS
NR4A2_R848	chr14	101555677	101556077	Promoter (<=1kb)	14	101552223	101555676	-1	ENSG00000258498	DIO3OS
NR4A2_R848	chr14	102497578	102497978	Promoter (<=1kb)	14	102497539	102498412	39	ENSG00000196663	TECPR2
NR4A2_R848	chr14	102950713	102951113	Promoter (4-5kb)	14	102943813	102945724	-4989	ENSG00000198752	CDC42BPB
NR4A2_R848	chr14	103084325	103084725	Promoter (<=1kb)	14	103084210	103090027	115	ENSG00000283071	LBHD2
NR4A2_R848	chr14	103621127	103621527	Promoter (7-8kb)	14	103629177	103714249	-7650	ENSG00000126214	KLC1
NR4A2_R848	chr14	104231938	104232338	Promoter (8-9kb)	14	104223655	104244622	8283	ENSG00000258913	LINC02691
NR4A2_R848	chr14	104664970	104665370	Promoter (<=1kb)	14	104661120	104665558	188	ENSG00000260792	LINC02280
NR4A2_R848	chr14	104685480	104685880	Promoter (3-4kb)	14	104689606	104722535	-3726	ENSG00000203485	INF2
NR4A2_R848	chr14	104858930	104859991	Promoter (5-6kb)	14	104865268	104896747	-5277	ENSG00000099814	CEP170B
NR4A2_R848	chr14	104860193	104860593	Promoter (4-5kb)	14	104865268	104896747	-4675	ENSG00000099814	CEP170B
NR4A2_R848	chr14	104872253	104872653	Promoter (6-7kb)	14	104865313	104896770	6940	ENSG00000099814	CEP170B
NR4A2_R848	chr14	104946968	104947368	Promoter (8-9kb)	14	104953537	104955402	8034	ENSG00000185567	AHNAK2
NR4A2_R848	chr14	105083881	105084281	Promoter (9-10kb)	14	105093609	105095699	-9328	NA	LINC02298
NR4A2_R848	chr14	105215447	105215847	Promoter (2-3kb)	14	105210078	105213428	-2019	ENSG00000185024	BRF1
NR4A2_R848	chr14	105449245	105449645	Promoter (<=1kb)	14	105449240	105460953	5	ENSG00000182979	MTA1
NR4A2_R848	chr15	25693514	25693914	Promoter (<=1kb)	15	25683447	25694825	911	ENSG00000206190	ATP10A
NR4A2_R848	chr15	28104671	28105071	Promoter (5-6kb)	15	27754875	28099315	-5356	ENSG00000104044	OCA2
NR4A2_R848	chr15	28105351	28105751	Promoter (6-7kb)	15	27754875	28099315	-6036	ENSG00000104044	OCA2
NR4A2_R848	chr15	28915017	28915478	Promoter (3-4kb)	15	28919367	29054094	-3889	ENSG0000034053	APBA2
NR4A2_R848	chr15	35081626	35082026	Promoter (3-4kb)	15	35084193	35085110	3084	ENSG00000255192	NANOGP8
NR4A2_R848	chr15	41522380	41522780	Promoter (<=1kb)	15	41517176	41521791	-589	ENSG00000103932	RPAP1
NR4A2_R848	chr15	43802743	43803143	Promoter (2-3kb)	15	43800627	43801928	2116	ENSG00000242028	HYPK
NR4A2_R848	chr15	44618199	44618599	Promoter (1-2kb)	15	44613509	44620305	1706	ENSG00000104133	SPG11
NR4A2_R848	chr15	65201533	65201933	Promoter (9-10kb)	15	65194760	65211473	9540	ENSG00000138615	CILP
NR4A2_R848	chr15	65366084	65366484	Promoter (8-9kb)	15	65373489	65375300	8816	ENSG00000174498	IGDCC3
NR4A2_R848	chr15	65396234	65396634	Promoter (<=1kb)	15	65381487	65396429	0	ENSG00000103742	IGDCC4
NR4A2_R848	chr15	65485482	65485882	Promoter (4-5kb)	15	65452044	65490286	4404	ENSG00000074603	DPP8
NR4A2_R848	chr15	65650448	65650848	Promoter (1-2kb)	15	65652739	65655513	-1891	ENSG00000074621	SLC24A1
NR4A2_R848	chr15	68436366	68436766	Promoter (4-5kb)	15	68296532	68432163	-4203	ENSG00000137809	ITGA11
NR4A2_R848	chr15	69475165	69475565	Promoter (7-8kb)	15	69468036	69571083	7129	ENSG00000245750	DRAIC
NR4A2_R848	chr15	70629286	70629686	Promoter (5-6kb)	15	70635249	70637314	-5563	ENSG00000280515	SALRNA2
NR4A2_R848	chr15	72679216	72679616	Promoter (6-7kb)	15	72686179	72738475	-6563	ENSG00000140463	BBS4
NR4A2_R848	chr15	75761678	75762078	Promoter (<=1kb)	15	75762215	75762315	237	ENSG00000284385	MIR4313
NR4A2_R848	chr15	75839931	75840331	Promoter (2-3kb)	15	75843307	75901044	-2976	ENSG00000140367	UBE2Q2
NR4A2_R848	chr15	77623778	77624178	Promoter (8-9kb)	15	77613027	77632490	8312	ENSG00000169783	LINGO1
NR4A2_R848	chr15	77699484	77699884	Promoter (2-3kb)	15	77615722	77696495	-2989	ENSG00000169783	LINGO1
NR4A2_R848	chr15	77809981	77810381	Promoter (9-10kb)	15	77615673	77819452	9071	ENSG00000169783	LINGO1
NR4A2_R848	chr15	78109657	78110057	Promoter (1-2kb)	15	78105147	78111251	1194	ENSG00000136425	CIB2
NR4A2_R848	chr15	78632161	78632561	Promoter (8-9kb)	15	78624111	78641210	8649	ENSG00000117971	CHRNB4
NR4A2_R848										

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr15	99014691	99015091	Promoter (<=1kb)	15	99014696	99031054	0	NA	LUNAR1
NR4A2_R848	chr16	182235	182635	Promoter (1-2kb)	16	180459	181179	1776	ENSG00000086506	HBQ1
NR4A2_R848	chr16	291381	291781	Promoter (1-2kb)	16	288190	293536	1755	ENSG00000103126	AXIN1
NR4A2_R848	chr16	341096	341496	Promoter (4-5kb)	16	287440	346322	4826	ENSG00000103126	AXIN1
NR4A2_R848	chr16	571176	571576	Promoter (<=1kb)	16	572506	583095	-930	ENSG0000007541	PIGQ
NR4A2_R848	chr16	631799	632199	Promoter (<=1kb)	16	630985	634117	814	ENSG00000127578	WFIKKN1
NR4A2_R848	chr16	654345	654745	Promoter (<=1kb)	16	655058	657123	-313	ENSG00000161996	WDR90
NR4A2_R848	chr16	655618	656018	Promoter (<=1kb)	16	656275	667829	-257	ENSG00000161996	WDR90
NR4A2_R848	chr16	773568	773968	Promoter (3-4kb)	16	770183	770277	3385	ENSG00000207579	MIR662
NR4A2_R848	chr16	914436	914836	Promoter (6-7kb)	16	921033	934266	-6197	ENSG00000260439	LMF1-AS1
NR4A2_R848	chr16	977716	978116	Promoter (1-2kb)	16	976084	979648	1532	ENSG00000103227	LMF1
NR4A2_R848	chr16	1215369	1215769	Promoter (4-5kb)	16	1210608	1211448	4761	ENSG00000196557	CACNA1H
NR4A2_R848	chr16	1507551	1507951	Promoter (1-2kb)	16	1506534	1510457	1017	ENSG00000100726	TELO2
NR4A2_R848	chr16	1727110	1727510	Promoter (7-8kb)	16	1734985	1735066	-7475	ENSG00000265820	MIR3177
NR4A2_R848	chr16	1745951	1746351	Promoter (<=1kb)	16	1747068	1748800	-717	ENSG00000138834	MAPK8IP3
NR4A2_R848	chr16	1818508	1818908	Promoter (1-2kb)	16	1807577	1816907	-1601	ENSG00000063854	HAGH
NR4A2_R848	chr16	1949429	1949829	Promoter (4-5kb)	16	1943974	1954689	4860	ENSG00000140986	RPL3L
NR4A2_R848	chr16	2029038	2029438	Promoter (<=1kb)	16	2029527	2038165	-89	ENSG00000065054	SLC9A3R2
NR4A2_R848	chr16	2075255	2075655	Promoter (<=1kb)	16	2076137	2076665	-482	ENSG00000103197	TSC2
NR4A2_R848	chr16	2104147	2104547	Promoter (<=1kb)	16	2099078	2103793	-354	ENSG00000008710	PKD1
NR4A2_R848	chr16	2160148	2160548	Promoter (2-3kb)	16	2163542	2171356	-2994	ENSG00000131653	TRAF7
NR4A2_R848	chr16	2444124	2444524	Promoter (<=1kb)	16	2443701	2449875	423	ENSG00000162063	CCNF
NR4A2_R848	chr16	2497854	2498254	Promoter (<=1kb)	16	2498322	2505733	-68	ENSG00000162065	TBC1D24
NR4A2_R848	chr16	2974257	2974657	Promoter (<=1kb)	16	2972793	2974268	0	ENSG00000127564	PKMYT1
NR4A2_R848	chr16	3197884	3198293	Promoter (9-10kb)	16	3188212	3224779	9672	ENSG00000168124	OR1F1
NR4A2_R848	chr16	8591047	8591588	Promoter (<=1kb)	16	8569500	8590193	-854	ENSG00000232258	TMEM114
NR4A2_R848	chr16	10039957	10040357	Promoter (8-9kb)	16	9938153	10031580	-8377	ENSG00000183454	GRIN2A
NR4A2_R848	chr16	10859142	10859542	Promoter (6-7kb)	16	10866222	10902104	-6680	ENSG00000179583	CIITA
NR4A2_R848	chr16	11485731	11486131	Promoter (5-6kb)	16	11442191	11491755	5624	ENSG00000188897	LOC400499
NR4A2_R848	chr16	27305990	27306390	Promoter (7-8kb)	16	27313668	27345020	-7278	ENSG00000077238	IL4R
NR4A2_R848	chr16	27726358	27726758	Promoter (7-8kb)	16	27708421	27718806	-7552	NA	LOC100128079
NR4A2_R848	chr16	28501298	28501698	Promoter (5-6kb)	16	28499362	28506834	5136	ENSG00000197272	IL27
NR4A2_R848	chr16	30045324	30045806	Promoter (7-8kb)	16	30035423	30052923	7117	ENSG00000149926	TLCD3B
NR4A2_R848	chr16	30062102	30062502	Promoter (1-2kb)	16	30064164	30064840	-1662	ENSG00000285043	LOC112694756
NR4A2_R848	chr16	33337639	33338340	Promoter (7-8kb)	16	33206431	33330342	-7297	NA	LOC105369266
NR4A2_R848	chr16	46729809	46730209	Promoter (<=1kb)	16	46727238	46729937	0	ENSG00000140795	MYLK3
NR4A2_R848	chr16	46915301	46915701	Promoter (<=1kb)	16	46915298	46929007	3	ENSG00000166123	GPT2
NR4A2_R848	chr16	47854143	47854797	Promoter (3-4kb)	16	47858579	47908431	-3782	ENSG00000261231	LINC02133
NR4A2_R848	chr16	48250146	48250546	Promoter (2-3kb)	16	48224348	48247568	-2578	ENSG00000121270	ABCC11
NR4A2_R848	chr16	50298060	50298460	Promoter (2-3kb)	16	50300820	50301964	-2360	ENSG00000121281	ADCY7
NR4A2_R848	chr16	55651651	55652186	Promoter (3-4kb)	16	55655604	55702346	-3418	ENSG00000103546	SLC6A2
NR4A2_R848	chr16	56331427	56331827	Promoter (2-3kb)	16	56328661	56356347	2766	ENSG00000087258	GNAO1
NR4A2_R848	chr16	57070688	57071088	Promoter (<=1kb)	16	57069877	57077369	811	ENSG00000140853	NLRC5
NR4A2_R848	chr16	57568709	57569109	Promoter (5-6kb)	16	57574816	57591681	-5707	ENSG00000159618	ADGRG5
NR4A2_R848	chr16	57569165	57569576	Promoter (5-6kb)	16	57574816	57591681	-5240	ENSG00000159618	ADGRG5
NR4A2_R848	chr16	57664041	57664441	Promoter (3-4kb)	16	57668277	57678282	-3836	ENSG00000182885	ADGRG3
NR4A2_R848	chr16	57705953	57706518	Promoter (1-2kb)	16	57704907	57707861	1046	ENSG00000159625	DRC7
NR4A2_R848	chr16	57952998	57953398	Promoter (6-7kb)	16	57931765	57946625	-6373	ENSG00000070729	CNGB1
NR4A2_R848	chr16	66379654	66380054	Promoter (<=1kb)	16	66379225	66392985	429	ENSG00000179776	CDH5
NR4A2_R848	chr16	67949216	67949616	Promoter (<=1kb)	16	67948061	67950112	496	ENSG00000124067	SLC12A4
NR4A2_R848	chr16	67950435	67950835	Promoter (<=1kb)	16	67948061	67950112	-323	ENSG00000124067	SLC12A4
NR4A2_R848	chr16	68232395	68232795	Promoter (<=1kb)	16	68231967	68232506	0	ENSG00000103067	ESRP2
NR4A2_R848	chr16	69914208	69914608	Promoter (2-3kb)	16	69917583	69940176	-2975	ENSG00000198373	WWP2
NR4A2_R848	chr16	69938976	69939376	Promoter (2-3kb)	16	69936920	69939397	2056	ENSG00000198373	WWP2
NR4A2_R848	chr16	70450892	70451292	Promoter (3-4kb)	16	70454595	70466206	-3303	ENSG00000157353	FCSK
NR4A2_R848	chr16	70479128	70479528	Promoter (1-2kb)	16	70477358	70480274	1770	ENSG00000157353	FCSK
NR4A2_R848	chr16	70482986	70483498	Promoter (<=1kb)	16	70480867	70482794	-192	ENSG00000103051	COG4
NR4A2_R848	chr16	70644890	70645290	Promoter (1-2kb)	16	70646563	70656671	-1273	ENSG00000157368	IL34
NR4A2_R848	chr16	71437241	71437641	Promoter (4-5kb)	16	71430262	71442060	4419	ENSG00000260734	TLE7
NR4A2_R848	chr16	71441751	71442151	Promoter (<=1kb)	16	71430262	71442060	0	ENSG00000260734	TLE7
NR4A2_R848	chr16	79722723	79723146	Promoter (8-9kb)	16	79713847	79799090	8876	ENSG00000260876	LINC01229
NR4A2_R848	chr16	81537105	81537505	Promoter (3-4kb)	16	81533902	81533966	3203	ENSG00000277255	MIR7854
NR4A2_R848	chr16	83921016	83921416	Promoter (9-10kb)	16	83931311	83957650	-9895	ENSG00000140961	OSGIN1
NR4A2_R848	chr16	83967499	83967899	Promoter (<=1kb)	16	83968632	84002776	-733	ENSG00000103154	NECAB2
NR4A2_R848	chr16	83974669	83975069	Promoter (3-4kb)	16	83971451	84002776	3218	ENSG00000103154	NECAB2
NR4A2_R848	chr16	84204928	84205328	Promoter (7-8kb)	16	84192558	84197053	-7875	ENSG00000250685	LOC654780
NR4A2_R848	chr16	85023653	85024053	Promoter (3-4kb)	16	85027751	85094220	-3698	ENSG00000135709	KIAA0513
NR4A2_R848	chr16	85089212	85089612	Promoter (2-3kb)	16	85086914	85088755	2298	ENSG00000135709	KIAA0513
NR4A2_R848	chr16	86587420	86588032	Promoter (8-9kb)	16	86578506	86582160	8914	ENSG00000176678	FOXL1
NR4A2_R848	chr16	87210059	87210584	Promoter (1-2kb)	16	87212122	87226430	-1538	ENSG00000261095	LOC101928708
NR4A2_R848	chr16	87221976	87222608	Promoter (9-10kb)	16	87212122	87226430	9854	ENSG00000261095	LOC101928708
NR4A2_R848	chr16	87502368	87502768	Promoter (8-9kb)	16	87494187	87515635	8181	ENSG00000288568	LOC101928737
NR4A2_R848	chr16	87597269	87597669	Promoter (4-5kb)	16	87601835	87697927	-4166	ENSG00000154118	JPH3
NR4A2_R848	chr16	87700546	87700946	Promoter (7-8kb)	16	87703026	87708387	7441	ENSG00000104731	KLHDC4
NR4A2_R848	chr16	88015167	88015567	Promoter (1-2kb)	16	88017190	88033219	-1623	ENSG00000172530	BANP
NR4A2_R848	chr16	88091260	88091660	Promoter (9-10kb)	16	88088041	88100959	9299	ENSG00000205037	LOC400553
NR4A2_R848	chr16	88192887	88193309	Promoter (<=1kb)	16	88194281	88195217	-972	ENSG00000260420	LINC02182
NR4A2_R848	chr16	88470738	88471138	Promoter (1-2kb)	16	88468918	88469031	1820	ENSG00000263456	MIR5189
NR4A2_R848	chr16	88831673	88832073	Promoter (4-5kb)	16	88824789	88827116	-4557	ENSG00000141012	GALNS
NR4A2_R848	chr16	88979961	88980361	Promoter (2-3kb)	16	88874858	88977207	-2754	ENSG00000129993	CBFA2T3
NR4A2_R848	chr16	89278764	89279164	Promoter (3-4kb)	16	89274735	89275118	-3646	ENSG00000167522	ANKRD11
NR4A2_R848	chr16	89579505	89579905	Promoter (3-4kb)	16	89575782	89583714	3723	ENSG00000178773	CPNE7
NR4A2_R848	chr16	89580827	89581361	Promoter (3-4kb)	16	89584821	89587732	-3460	ENSG00000178773	CPNE7
NR4A2_R848	chr16	89583565	89583965	Promoter (<=1kb)	16	89584821	89587732	-856	ENSG00000178773	CPNE7
NR4A2_R848	chr16	89744934	89745334	Promoter (<=1kb)	16	89738630	89745062	0	ENSG00000187741	FANCA
NR4A2_R848	chr16	89907779	89908179	Promoter (<=1kb)	16	89908966	89911379	-787	ENSG00000141002	TCF25
NR4A2_R848	chr16	89908415	89908841	Promoter (<=1kb)	16	89908966	89911379	-125	ENSG00000141002	TCF25
NR4A2_R848	chr16	89914761	89915161	Promoter (2-3kb)	16	89917879	89920977	-2718	ENSG00000258839	MC1R
NR4A2_R848	chr16	89989739	89990139	Promoter (<=1kb)	16	89990332	89996610	-193	ENSG00000223959	AFG3L1P
NR4A2_R848	chr17	3547433	3547833	Promoter (<=1kb)	17	3510503	3546715	-718	ENSG00000167723	TRPV3
NR4A2_R848	chr17	3549857	3550257	Promoter (3-4kb)	17	3510503	3546715	-3142	ENSG00000167723	TRPV3
NR4A2_R848	chr17	3853338	3853738	Promoter (7-8kb)	17	3802158	3846246	-7092	ENSG00000074356	NCBP3
NR4A2_R848	chr17	3925525	3925925	Promoter (2-3kb)	17	3925047	3928620	2695	ENSG00000074370	ATP2A3
NR4A2_R848	chr17	4543563	4543963	Promoter (<=1kb)	17</					



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr17	10846633	10847057	Promoter (8-9kb)	17	10794906	10838094	-8539	ENSG00000263429	TMEM238L
NR4A2_R848	chr17	15465432	15465832	Promoter (1-2kb)	17	15436015	15467621	1789	ENSG00000239704	CDRT4
NR4A2_R848	chr17	16319901	16320301	Promoter (2-3kb)	17	16317391	16325904	2510	ENSG00000108474	PIGL
NR4A2_R848	chr17	16456022	16456422	Promoter (7-8kb)	17	16441577	16448294	-7728	ENSG00000181350	LRRRC75A
NR4A2_R848	chr17	17142505	17142905	Promoter (6-7kb)	17	17136338	17143669	6167	ENSG00000133030	MPRIP
NR4A2_R848	chr17	17166860	17167260	Promoter (1-2kb)	17	17165556	17185560	1304	ENSG00000133030	MPRIP
NR4A2_R848	chr17	17800334	17800734	Promoter (1-2kb)	17	17798384	17804114	1950	ENSG00000108557	RAI1
NR4A2_R848	chr17	21053455	21053855	Promoter (9-10kb)	17	21002972	21043760	-9695	ENSG00000124422	USP22
NR4A2_R848	chr17	22401618	22402156	Promoter (3-4kb)	17	22406019	22413744	-3863	ENSG00000276399	FLJ36000
NR4A2_R848	chr17	28960761	28961161	Promoter (<=1kb)	17	28960240	28960973	0	ENSG00000063015	SEZ6
NR4A2_R848	chr17	29525267	29525667	Promoter (2-3kb)	17	29522288	29530738	2979	ENSG00000160551	TAK1
NR4A2_R848	chr17	31429757	31430157	Promoter (1-2kb)	17	31431559	31521223	-1402	ENSG00000131242	RAB11FIP4
NR4A2_R848	chr17	39143658	39144058	Promoter (7-8kb)	17	39067130	39151519	7461	ENSG00000161381	PLXDC1
NR4A2_R848	chr17	39626751	39627151	Promoter (<=1kb)	17	39626952	39634084	0	ENSG00000131771	PPP1R1B
NR4A2_R848	chr17	39685302	39685702	Promoter (<=1kb)	17	39673529	39684905	-397	ENSG00000161395	PGAP3
NR4A2_R848	chr17	39745266	39745666	Promoter (1-2kb)	17	39743272	39744428	1994	ENSG00000141738	GRB7
NR4A2_R848	chr17	40087204	40087604	Promoter (2-3kb)	17	40084434	40087001	2770	ENSG00000126351	THRA
NR4A2_R848	chr17	41614157	41614557	Promoter (1-2kb)	17	41610409	41612899	-1258	ENSG00000186832	KRT16
NR4A2_R848	chr17	41993889	41994289	Promoter (1-2kb)	17	41989421	41992782	-1107	ENSG00000168259	DNAJC7
NR4A2_R848	chr17	43032605	43033005	Promoter (7-8kb)	17	43025241	43026253	7364	ENSG00000108830	RND2
NR4A2_R848	chr17	43537419	43537819	Promoter (6-7kb)	17	43528499	43530434	-6985	ENSG00000175832	ETV4
NR4A2_R848	chr17	44642354	44642754	Promoter (7-8kb)	17	44646364	44650349	7595	ENSG00000266979	LINC01180
NR4A2_R848	chr17	44836620	44837020	Promoter (5-6kb)	17	44805507	44830816	-5804	ENSG00000182963	GJC1
NR4A2_R848	chr17	45126223	45126623	Promoter (5-6kb)	17	45108959	45132515	5892	ENSG00000161714	PLCD3
NR4A2_R848	chr17	47681045	47681445	Promoter (<=1kb)	17	47680603	47684511	442	ENSG00000108424	KPNB1
NR4A2_R848	chr17	48158066	48158466	Promoter (1-2kb)	17	48156427	48156511	-1555	ENSG00000221739	MIR1203
NR4A2_R848	chr17	48786830	48787230	Promoter (7-8kb)	17	48786249	48794294	7064	ENSG00000170703	TTL6
NR4A2_R848	chr17	48886726	48887126	Promoter (5-6kb)	17	48892765	48895871	-5639	ENSG00000159199	ATP5MC1
NR4A2_R848	chr17	50265839	50266239	Promoter (5-6kb)	17	50271406	50281485	-5167	ENSG00000167105	TMEM92
NR4A2_R848	chr17	50589740	50590140	Promoter (9-10kb)	17	50599725	50607510	-9585	ENSG00000006283	CACNA1G
NR4A2_R848	chr17	50836537	50836937	Promoter (<=1kb)	17	50835586	50842353	951	ENSG00000173714	WFIKN2
NR4A2_R848	chr17	56792543	56793080	Promoter (2-3kb)	17	56791913	56795292	2212	ENSG00000214226	C17orf67
NR4A2_R848	chr17	60155189	60155589	Promoter (2-3kb)	17	60157732	60159546	-2143	ENSG00000167434	CA4
NR4A2_R848	chr17	60163878	60164278	Promoter (5-6kb)	17	60158108	60158964	5770	ENSG00000167434	CA4
NR4A2_R848	chr17	62430600	62431000	Promoter (3-4kb)	17	62434861	62440756	-3861	ENSG00000087995	METTL2A
NR4A2_R848	chr17	63500760	63501160	Promoter (4-5kb)	17	63496140	63496985	4620	ENSG00000159640	ACE
NR4A2_R848	chr17	63938586	63938986	Promoter (6-7kb)	17	63928740	63932354	-6232	ENSG00000007312	CD79B
NR4A2_R848	chr17	63956244	63956644	Promoter (5-6kb)	17	63959373	63961693	5049	ENSG00000007314	SCN4A
NR4A2_R848	chr17	64267970	64268370	Promoter (4-5kb)	17	64147687	64263301	-4669	ENSG00000136478	TEX2
NR4A2_R848	chr17	65568160	65568560	Promoter (6-7kb)	17	65528563	65561648	-6512	ENSG00000168646	AXIN2
NR4A2_R848	chr17	66224482	66224882	Promoter (3-4kb)	17	66216791	66228637	3755	ENSG00000091583	APOH
NR4A2_R848	chr17	67044094	67044494	Promoter (<=1kb)	17	67044554	67056797	-60	ENSG00000108878	CACNG1
NR4A2_R848	chr17	67054467	67054867	Promoter (9-10kb)	17	67044554	67056797	9913	ENSG00000108878	CACNG1
NR4A2_R848	chr17	73500637	73501037	Promoter (6-7kb)	17	73504340	73507594	6557	ENSG00000069188	SDK2
NR4A2_R848	chr17	74340171	74340571	Promoter (8-9kb)	17	74348590	74350481	-8019	ENSG00000196169	KIF19
NR4A2_R848	chr17	74465522	74465922	Promoter (<=1kb)	17	74466399	74484794	-477	ENSG00000167851	CD300A
NR4A2_R848	chr17	74867003	74867403	Promoter (1-2kb)	17	74866137	74868473	1070	ENSG00000161513	FDXR
NR4A2_R848	chr17	74971983	74972383	Promoter (<=1kb)	17	74958976	74972716	333	ENSG00000167861	HID1
NR4A2_R848	chr17	75593466	75593866	Promoter (<=1kb)	17	75594462	75595046	-596	ENSG00000266714	MYO15B
NR4A2_R848	chr17	76277511	76277911	Promoter (2-3kb)	17	76274184	76280357	2446	ENSG00000129646	QRICH2
NR4A2_R848	chr17	76840971	76841414	Promoter (8-9kb)	17	76849840	76861836	-8426	ENSG00000267535	LINC00868
NR4A2_R848	chr17	77329265	77329665	Promoter (5-6kb)	17	77323706	77402455	5559	ENSG00000184640	SEPTIN9
NR4A2_R848	chr17	77470184	77470584	Promoter (3-4kb)	17	77466403	77490859	3781	ENSG00000184640	SEPTIN9
NR4A2_R848	chr17	77484195	77484934	Promoter (2-3kb)	17	77481913	77488788	2282	ENSG00000184640	SEPTIN9
NR4A2_R848	chr17	77718491	77718891	Promoter (9-10kb)	17	77722872	77728559	9668	ENSG00000267790	LINC01987
NR4A2_R848	chr17	78478105	78478737	Promoter (5-6kb)	17	78423697	78472774	-5331	ENSG00000187775	DNAH17
NR4A2_R848	chr17	79043080	79043480	Promoter (<=1kb)	17	79043593	79048466	-113	ENSG00000173918	C1QTNF1
NR4A2_R848	chr17	79175324	79175724	Promoter (7-8kb)	17	79115698	79183472	7748	ENSG00000167281	RBFOX3
NR4A2_R848	chr17	79498697	79499097	Promoter (9-10kb)	17	79094257	79508868	9771	ENSG00000167281	RBFOX3
NR4A2_R848	chr17	80416070	80416470	Promoter (<=1kb)	17	80415669	80430152	401	ENSG00000173818	ENDOV
NR4A2_R848	chr17	80700337	80700941	Promoter (7-8kb)	17	80708933	80754104	-7992	ENSG00000141564	RPTOR
NR4A2_R848	chr17	80930166	80930584	Promoter (7-8kb)	17	80922724	80924172	7442	ENSG00000141564	RPTOR
NR4A2_R848	chr17	81078388	81078788	Promoter (4-5kb)	17	81082989	81086464	-4201	ENSG00000175866	BAIAP2
NR4A2_R848	chr17	81131266	81131666	Promoter (<=1kb)	17	81110487	81131948	282	ENSG00000181409	AATK
NR4A2_R848	chr17	81138430	81138830	Promoter (5-6kb)	17	81133196	81133308	-5122	ENSG00000221025	MIR1250
NR4A2_R848	chr17	81169771	81170171	Promoter (3-4kb)	17	81117295	81166221	-3550	ENSG00000181409	AATK
NR4A2_R848	chr17	81249273	81249684	Promoter (1-2kb)	17	81245004	81247635	-1638	ENSG00000157637	SLC38A10
NR4A2_R848	chr17	81253785	81254185	Promoter (1-2kb)	17	81246178	81252273	-1512	ENSG00000157637	SLC38A10
NR4A2_R848	chr17	81531702	81532119	Promoter (3-4kb)	17	81528532	81537080	3170	ENSG00000186765	FSCN2
NR4A2_R848	chr17	81535238	81535638	Promoter (<=1kb)	17	81536146	81536956	-508	ENSG00000186765	FSCN2
NR4A2_R848	chr17	82392344	82392744	Promoter (<=1kb)	17	82392215	82393217	473	ENSG00000181396	OGFOD3
NR4A2_R848	chr17	82615732	82616132	Promoter (1-2kb)	17	82616618	82617519	1387	ENSG00000141580	WDR45B
NR4A2_R848	chr17	82739634	82740034	Promoter (3-4kb)	17	82736072	82749895	3562	ENSG00000167363	FN3K
NR4A2_R848	chr18	107988	108392	Promoter (<=1kb)	18	109065	122219	-673	ENSG00000263006	ROCK1P1
NR4A2_R848	chr18	110202	110609	Promoter (1-2kb)	18	109065	122219	1137	ENSG00000263006	ROCK1P1
NR4A2_R848	chr18	588686	589086	Promoter (7-8kb)	18	596988	619320	-7902	ENSG00000079101	CLUL1
NR4A2_R848	chr18	6920094	6920494	Promoter (6-7kb)	18	6925477	6926990	6496	ENSG00000265933	LINC00668
NR4A2_R848	chr18	10755826	10756460	Promoter (3-4kb)	18	10759584	10759649	3189	ENSG00000274838	MIR6788
NR4A2_R848	chr18	13232083	13232483	Promoter (7-8kb)	18	13239543	13242076	-7060	ENSG00000279020	C18orf15
NR4A2_R848	chr18	26588123	26588523	Promoter (3-4kb)	18	26591467	26591535	3012	ENSG00000276221	MIR8057
NR4A2_R848	chr18	26593422	26593822	Promoter (1-2kb)	18	26591467	26591535	-1887	ENSG00000276221	MIR8057
NR4A2_R848	chr18	36717271	36717671	Promoter (<=1kb)	18	36718557	36780055	-886	ENSG00000134775	FHOD3
NR4A2_R848	chr18	37263463	37263863	Promoter (<=1kb)	18	37245004	37264754	891	ENSG00000101489	CELF4
NR4A2_R848	chr18	37283769	37284169	Promoter (9-10kb)	18	37274460	37276400	9309	ENSG00000267202	LOC105372068
NR4A2_R848	chr18	48138995	48139395	Promoter (1-2kb)	18	48026673	48137361	-1634	ENSG00000184828	ZBTB7C
NR4A2_R848	chr18	76531748	76532148	Promoter (<=1kb)	18	76532380	76558493	-232	ENSG00000266256	LINC00908
NR4A2_R848	chr18	77258513	77258913	Promoter (4-5kb)	18	77253740	77256217	4773	ENSG00000166573	GALR1
NR4A2_R848	chr18	79296943	79297343	Promoter (2-3kb)	18	79299899	79329213	-2556	ENSG00000166377	ATP9B
NR4A2_R848	chr18	79409077	79409477	Promoter (8-9kb)	18	79400392	79527577	8685	ENSG00000131196	NFATC1
NR4A2_R848	chr18	79909331	79909731	Promoter (6-7kb)	18	79903894	79915961	6230	ENSG00000122490	SLC66A2
NR4A2_R848	chr19	380665	381065	Promoter (4-5kb)	19	361747	376026	-4639	ENSG00000105549	THEG
NR4A2_R848	chr19	414776	415176	Promoter (4-5kb)	19	416589	419879	4703	ENSG00000129946	SHC2
NR4A2_R848	chr19	426640	427151	Promoter (3-4kb)	19	416589				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr19	2345926	2346326	Promoter (3-4kb)	19	2342722	2353567	3204	ENSG00000005206	SPPL2B
NR4A2_R848	chr19	2357170	2357878	Promoter (2-3kb)	19	2360238	2426239	-2360	ENSG00000178297	TMPRSS9
NR4A2_R848	chr19	2362368	2362768	Promoter (2-3kb)	19	2360238	2426239	2130	ENSG00000178297	TMPRSS9
NR4A2_R848	chr19	3120181	3120581	Promoter (1-2kb)	19	3118813	3119353	1368	ENSG00000088256	GNL11
NR4A2_R848	chr19	3197397	3197797	Promoter (1-2kb)	19	3198841	3209575	-1044	ENSG00000125912	NCLN
NR4A2_R848	chr19	3235452	3235886	Promoter (9-10kb)	19	3225485	3297016	9967	ENSG00000161082	CELF5
NR4A2_R848	chr19	3278287	3278687	Promoter (3-4kb)	19	3282257	3286791	-3570	ENSG00000161082	CELF5
NR4A2_R848	chr19	3292606	3293006	Promoter (7-8kb)	19	3284762	3293401	7844	ENSG00000161082	CELF5
NR4A2_R848	chr19	3309966	3310796	Promoter (3-4kb)	19	3314403	3469217	-3607	ENSG00000141905	NFIC
NR4A2_R848	chr19	3322046	3322446	Promoter (7-8kb)	19	3314403	3469217	7643	ENSG00000141905	NFIC
NR4A2_R848	chr19	3322809	3323209	Promoter (8-9kb)	19	3314403	3469217	8406	ENSG00000141905	NFIC
NR4A2_R848	chr19	3406749	3407149	Promoter (3-4kb)	19	3410596	3425147	-3447	ENSG00000141905	NFIC
NR4A2_R848	chr19	3476743	3477143	Promoter (1-2kb)	19	3474407	3478488	1345	ENSG00000095932	SMIM24
NR4A2_R848	chr19	3477469	3477869	Promoter (<=1kb)	19	3474407	3478488	619	ENSG00000095932	SMIM24
NR4A2_R848	chr19	3529096	3529791	Promoter (2-3kb)	19	3532483	3533748	-2692	ENSG00000105325	FZR1
NR4A2_R848	chr19	3530420	3530820	Promoter (1-2kb)	19	3532483	3533748	-1663	ENSG00000105325	FZR1
NR4A2_R848	chr19	3623374	3623774	Promoter (2-3kb)	19	3611568	3621028	-2346	ENSG00000105298	CACTIN
NR4A2_R848	chr19	3629713	3630113	Promoter (2-3kb)	19	3610660	3626815	-2898	ENSG00000105298	CACTIN
NR4A2_R848	chr19	3694860	3695260	Promoter (5-6kb)	19	3636601	3700390	5130	ENSG00000186111	PIP5K1C
NR4A2_R848	chr19	3776383	3776783	Promoter (4-5kb)	19	3769089	3772221	-4162	ENSG00000173976	RAX2
NR4A2_R848	chr19	3923705	3924105	Promoter (8-9kb)	19	3933103	3942414	-8998	ENSG00000077009	NMRK2
NR4A2_R848	chr19	3952712	3953112	Promoter (8-9kb)	19	3959639	3961159	8047	ENSG00000167657	DAPK3
NR4A2_R848	chr19	4017386	4017786	Promoter (<=1kb)	19	4018435	4028786	-649	ENSG00000105229	PIAS4
NR4A2_R848	chr19	4127634	4128034	Promoter (3-4kb)	19	4090321	4124129	-3505	ENSG00000126934	MAP2K2
NR4A2_R848	chr19	4145374	4145774	Promoter (7-8kb)	19	4153631	4173054	-7857	ENSG00000060566	CREB3L3
NR4A2_R848	chr19	4334644	4335371	Promoter (3-4kb)	19	4325459	4338809	3438	ENSG00000178078	STAP2
NR4A2_R848	chr19	4381274	4381674	Promoter (<=1kb)	19	4363853	4380292	-982	ENSG00000141985	SH3GL1
NR4A2_R848	chr19	4492689	4493089	Promoter (3-4kb)	19	4496333	4502104	-3244	ENSG00000167674	HDGFL2
NR4A2_R848	chr19	4500085	4500485	Promoter (<=1kb)	19	4499629	4501578	456	ENSG00000167674	HDGFL2
NR4A2_R848	chr19	4553683	4554083	Promoter (4-5kb)	19	4542914	4558457	4374	ENSG00000167680	SEMA6B
NR4A2_R848	chr19	4662955	4663464	Promoter (1-2kb)	19	4641374	4664906	1442	ENSG00000074842	MYDGF
NR4A2_R848	chr19	5018973	5019373	Promoter (2-3kb)	19	5016325	5153105	2648	ENSG00000127663	KDM4B
NR4A2_R848	chr19	5019706	5020106	Promoter (3-4kb)	19	5016325	5153105	3381	ENSG00000127663	KDM4B
NR4A2_R848	chr19	5566370	5566770	Promoter (1-2kb)	19	5561632	5567831	1061	ENSG00000223573	TINCR
NR4A2_R848	chr19	5568746	5569146	Promoter (<=1kb)	19	5558167	5568034	-712	ENSG00000223573	TINCR
NR4A2_R848	chr19	5673697	5674097	Promoter (<=1kb)	19	5674947	5691667	-850	ENSG00000130255	RPL36
NR4A2_R848	chr19	6222365	6222765	Promoter (5-6kb)	19	6213120	6216968	-5397	ENSG00000130382	MLLT1
NR4A2_R848	chr19	6224525	6224925	Promoter (7-8kb)	19	6213120	6216968	-7557	ENSG00000130382	MLLT1
NR4A2_R848	chr19	6488663	6489063	Promoter (6-7kb)	19	6477218	6482557	-6106	ENSG00000205744	DENND1C
NR4A2_R848	chr19	6529316	6529716	Promoter (1-2kb)	19	6531026	6535924	-1310	ENSG00000125657	TNFSF9
NR4A2_R848	chr19	6709932	6710425	Promoter (<=1kb)	19	6709756	6710957	532	ENSG00000125730	C3
NR4A2_R848	chr19	7152935	7153504	Promoter (9-10kb)	19	7141510	7143040	-9895	ENSG00000171105	INSR
NR4A2_R848	chr19	7518569	7518969	Promoter (2-3kb)	19	7516103	7521025	2466	ENSG00000198816	ZNF358
NR4A2_R848	chr19	7626214	7626614	Promoter (1-2kb)	19	7619526	7628270	1656	ENSG00000076924	XAB2
NR4A2_R848	chr19	7691901	7692301	Promoter (7-8kb)	19	7688758	7699479	7178	ENSG00000104921	FCER2
NR4A2_R848	chr19	8106837	8107237	Promoter (4-5kb)	19	8110888	8111806	4569	ENSG00000142449	FBN3
NR4A2_R848	chr19	8248425	8248873	Promoter (1-2kb)	19	8250526	8262418	-1653	ENSG00000090661	CERS4
NR4A2_R848	chr19	8351747	8352147	Promoter (8-9kb)	19	8333217	8343262	-8485	ENSG00000186994	KANK3
NR4A2_R848	chr19	8867280	8867680	Promoter (<=1kb)	19	8863316	8867014	-266	ENSG00000181143	MUC16
NR4A2_R848	chr19	9676011	9676411	Promoter (<=1kb)	19	9641807	9675100	-911	ENSG00000171466	ZNF562
NR4A2_R848	chr19	9966708	9967108	Promoter (1-2kb)	19	9967573	9968887	1779	ENSG00000080573	COL5A3
NR4A2_R848	chr19	10006616	10007016	Promoter (3-4kb)	19	9959561	10010504	3488	ENSG00000080573	COL5A3
NR4A2_R848	chr19	10675763	10676163	Promoter (1-2kb)	19	10677205	10681314	-1042	ENSG00000129351	ILF3
NR4A2_R848	chr19	10694123	10694523	Promoter (6-7kb)	19	10687605	10692398	6518	ENSG00000129351	ILF3
NR4A2_R848	chr19	10926065	10926465	Promoter (1-2kb)	19	10922835	10924147	-1918	ENSG00000130733	YIPF2
NR4A2_R848	chr19	11146449	11146849	Promoter (8-9kb)	19	11147134	11155761	8912	ENSG00000161888	SPC24
NR4A2_R848	chr19	11358499	11358899	Promoter (<=1kb)	19	11357696	11359894	803	ENSG00000105520	PLPPR2
NR4A2_R848	chr19	11648902	11649302	Promoter (9-10kb)	19	11639776	11686569	9126	NA	ZNF833P
NR4A2_R848	chr19	11658330	11658730	Promoter (8-9kb)	19	11666069	11667030	8300	ENSG00000214223	HNRNPA1P10
NR4A2_R848	chr19	11676911	11677311	Promoter (3-4kb)	19	11680944	11686259	-3633	NA	ZNF833P
NR4A2_R848	chr19	12870635	12871035	Promoter (2-3kb)	19	12868601	12873640	2034	ENSG00000105613	MAST1
NR4A2_R848	chr19	12989359	12989759	Promoter (5-6kb)	19	12995608	13096201	-5821	ENSG00000008441	NFIX
NR4A2_R848	chr19	13604678	13605078	Promoter (4-5kb)	19	13208046	13599946	-4732	ENSG00000141837	CACNA1A
NR4A2_R848	chr19	13633696	13634096	Promoter (<=1kb)	19	13371761	13633025	-671	ENSG00000141837	CACNA1A
NR4A2_R848	chr19	14555009	14555409	Promoter (6-7kb)	19	14561967	14564981	-6558	ENSG00000099797	TECR
NR4A2_R848	chr19	15011464	15011864	Promoter (<=1kb)	19	15010726	15023276	738	ENSG00000160994	CCDC105
NR4A2_R848	chr19	15608658	15609058	Promoter (6-7kb)	19	15615218	15622312	-6160	ENSG00000186526	CYP4F8
NR4A2_R848	chr19	15813376	15813776	Promoter (5-6kb)	19	15807003	15808126	-5250	ENSG00000186723	OR10H1
NR4A2_R848	chr19	15831840	15832240	Promoter (1-2kb)	19	15830559	15835420	1281	ENSG00000214049	UCA1
NR4A2_R848	chr19	15887735	15888135	Promoter (1-2kb)	19	15879637	15886501	-1234	ENSG00000186115	CYP4F2
NR4A2_R848	chr19	16043302	16043702	Promoter (9-10kb)	19	16034120	16042111	9182	ENSG00000167459	LINC00905
NR4A2_R848	chr19	16427965	16428365	Promoter (6-7kb)	19	16417439	16421433	-6532	ENSG00000127527	EPS15L1
NR4A2_R848	chr19	16978995	16979395	Promoter (2-3kb)	19	16947082	16976068	-2927	ENSG00000160111	CPAMD8
NR4A2_R848	chr19	17340467	17340867	Promoter (<=1kb)	19	17340946	17341664	-79	ENSG00000130299	GTPBP3
NR4A2_R848	chr19	17461228	17461628	Promoter (<=1kb)	19	17455425	17460954	-274	ENSG00000171773	NXNL1
NR4A2_R848	chr19	17725115	17725515	Promoter (1-2kb)	19	17727438	17734513	-1923	ENSG00000130479	MAP1S
NR4A2_R848	chr19	17866890	17867290	Promoter (4-5kb)	19	17862588	17862720	4302	ENSG00000207166	SNORA68
NR4A2_R848	chr19	17957154	17957554	Promoter (4-5kb)	19	17952185	17954653	4969	ENSG00000105642	KCNN1
NR4A2_R848	chr19	17981304	17981704	Promoter (7-8kb)	19	17973869	17998445	7435	ENSG00000105642	KCNN1
NR4A2_R848	chr19	18215835	18216235	Promoter (4-5kb)	19	18210929	18221122	4887	ENSG00000105650	PDE4C
NR4A2_R848	chr19	18554484	18554884	Promoter (2-3kb)	19	18557762	18569387	-2878	ENSG00000105700	KXD1
NR4A2_R848	chr19	18619724	18620124	Promoter (3-4kb)	19	18615976	18618454	3748	ENSG00000105696	TMEM59L
NR4A2_R848	chr19	18654413	18654813	Promoter (9-10kb)	19	18644638	18667992	9775	ENSG00000167487	KLHL26
NR4A2_R848	chr19	18879490	18879890	Promoter (4-5kb)	19	18877917	18884233	4329	ENSG00000223802	CERS1
NR4A2_R848	chr19	18884522	18884922	Promoter (<=1kb)	19	18877917	18884233	-289	ENSG00000223802	CERS1
NR4A2_R848	chr19	19239421	19240207	Promoter (1-2kb)	19	19238392	19249019	1029	ENSG00000130287	NCAN
NR4A2_R848	chr19	19534192	19534592	Promoter (3-4kb)	19	19538248	19546659	-3656	ENSG00000160161	CILP2
NR4A2_R848	chr19	19645367	19645767	Promoter (1-2kb)	19	19629476	19643657	-1710	ENSG00000089639	GMIP
NR4A2_R848	chr19	32998577	32998977	Promoter (2-3kb)	19	32994022	32996461	-2116	ENSG00000131941	RHPN2
NR4A2_R848	chr19	33023572	33023972	Promoter (3-4kb)	19	32978593	33027271	3299	ENSG00000131941	RHPN2
NR4A2_R848	chr19	33218478	33218878	Promoter (6-7kb)	19	33208776	33211689	-6789	ENSG00000130876	SLC7A10
NR4A2_R848	chr19	33233147	33233547	Promoter (7-8kb)	19	33208664	33225850	-7297	ENSG00000130876	SLC7A10
NR4A2_R848	chr19	33505606	33506376	Promoter (4-5kb)	19	33462951	33511138	4762	ENSG00000124299	PEPD
NR4A2_R848	chr19	34486517	34486917	Promoter (3-4kb)	19	34482528	34498629	3989	ENSG00000142279	WTIP
NR4A2_R848	chr19	35553319								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr19	40528551	40528951	Promoter (1-2kb)	19	40530488	40560752	-1537	ENSG00000160460	SPTBN4
NR4A2_R848	chr19	40848911	40849311	Promoter (1-2kb)	19	40844922	40850440	1129	ENSG00000255974	CYP2A6
NR4A2_R848	chr19	41309334	41309734	Promoter (<=1kb)	19	41310172	41324873	-438	ENSG00000142039	CCDC97
NR4A2_R848	chr19	41432398	41432798	Promoter (3-4kb)	19	41431749	41436439	3641	ENSG00000105341	DMAC2
NR4A2_R848	chr19	41888821	41889221	Promoter (3-4kb)	19	41892634	41895373	-3413	ENSG00000076928	ARHGFE1
NR4A2_R848	chr19	41912534	41912934	Promoter (5-6kb)	19	41906576	41907452	5958	ENSG00000076928	ARHGFE1
NR4A2_R848	chr19	41916218	41916618	Promoter (6-7kb)	19	41923094	41930127	-6476	ENSG00000076928	LOC100505585
NR4A2_R848	chr19	41918799	41919570	Promoter (3-4kb)	19	41923094	41930127	-3524	ENSG00000076928	LOC100505585
NR4A2_R848	chr19	41991464	41991864	Promoter (<=1kb)	19	41988508	41990951	-513	ENSG00000105409	ATP1A3
NR4A2_R848	chr19	42039135	42039535	Promoter (3-4kb)	19	41998321	42042901	3366	ENSG00000105737	GRIK5
NR4A2_R848	chr19	42066456	42066856	Promoter (<=1kb)	19	42021331	42065805	-651	ENSG00000105737	GRIK5
NR4A2_R848	chr19	42311063	42311463	Promoter (1-2kb)	19	42313309	42325064	-1846	ENSG00000167619	TMEM145
NR4A2_R848	chr19	42334702	42335102	Promoter (9-10kb)	19	42325635	42378765	9067	ENSG00000105429	MEGF8
NR4A2_R848	chr19	44409385	44409785	Promoter (7-8kb)	19	44329695	44401608	-7777	ENSG00000062370	ZNF112
NR4A2_R848	chr19	44410281	44410681	Promoter (8-9kb)	19	44329695	44401608	-8673	ENSG00000062370	ZNF112
NR4A2_R848	chr19	45265076	45265476	Promoter (<=1kb)	19	45264687	45288552	389	ENSG0000007047	MARK4
NR4A2_R848	chr19	45374825	45375225	Promoter (3-4kb)	19	45352209	45370918	-3907	ENSG00000104884	ERCC2
NR4A2_R848	chr19	45621035	45621435	Promoter (1-2kb)	19	45616485	45619494	-1541	ENSG00000125746	EML2
NR4A2_R848	chr19	46669762	46670162	Promoter (8-9kb)	19	46661478	46671341	8284	ENSG00000245598	DACT3-AS1
NR4A2_R848	chr19	47037096	47037496	Promoter (1-2kb)	19	47035889	47040733	1207	ENSG00000130751	NPAS1
NR4A2_R848	chr19	47418575	47418975	Promoter (<=1kb)	19	47403124	47418801	0	ENSG00000105419	MEIS3
NR4A2_R848	chr19	47422243	47422643	Promoter (2-3kb)	19	47403124	47419527	-2716	ENSG00000105419	MEIS3
NR4A2_R848	chr19	47471759	47472159	Promoter (<=1kb)	19	47428017	47471893	0	ENSG00000118160	SLC8A2
NR4A2_R848	chr19	47490190	47490590	Promoter (<=1kb)	19	47487662	47491475	885	ENSG00000105402	NAPA
NR4A2_R848	chr19	47776110	47776510	Promoter (2-3kb)	19	47778585	47784684	-2075	ENSG00000178980	SELENOW
NR4A2_R848	chr19	48023333	48023834	Promoter (3-4kb)	19	48019805	48025148	3528	ENSG00000169393	ELSPBP1
NR4A2_R848	chr19	48056581	48056981	Promoter (1-2kb)	19	48047846	48055059	-1522	ENSG00000105499	PLA2G4C
NR4A2_R848	chr19	48373681	48374081	Promoter (<=1kb)	19	48373108	48376271	573	ENSG00000105467	SYNGR4
NR4A2_R848	chr19	48543613	48544013	Promoter (8-9kb)	19	48552075	48599425	-8062	ENSG00000088002	SULT2B1
NR4A2_R848	chr19	48821717	48822257	Promoter (6-7kb)	19	48813018	48815072	-6645	ENSG00000087076	HSD17B14
NR4A2_R848	chr19	48903798	48904198	Promoter (2-3kb)	19	48900798	48919259	3000	ENSG00000104805	NUCB1
NR4A2_R848	chr19	49021283	49021683	Promoter (<=1kb)	19	49017496	49020523	-760	ENSG00000268655	LOC101059948
NR4A2_R848	chr19	49066422	49066822	Promoter (1-2kb)	19	49055793	49065076	-1346	ENSG00000225950	NTF4
NR4A2_R848	chr19	49160516	49160916	Promoter (2-3kb)	19	49157832	49211749	2684	ENSG00000130529	TRPM4
NR4A2_R848	chr19	49181874	49182274	Promoter (<=1kb)	19	49182526	49211836	-252	ENSG00000130529	TRPM4
NR4A2_R848	chr19	49448977	49449377	Promoter (<=1kb)	19	49446299	49449520	143	ENSG00000104872	PIH1D1
NR4A2_R848	chr19	49474728	49475128	Promoter (<=1kb)	19	49474602	49482391	126	ENSG00000090554	FLT3LG
NR4A2_R848	chr19	50169730	50170130	Promoter (6-7kb)	19	50152548	50163195	-6535	ENSG00000161652	IZUMO2
NR4A2_R848	chr19	50262189	50262589	Promoter (5-6kb)	19	50268346	50310539	-5757	ENSG00000105357	MYH14
NR4A2_R848	chr19	50439175	50439575	Promoter (6-7kb)	19	50432892	50466321	6283	ENSG00000086967	MYBPC2
NR4A2_R848	chr19	50498534	50498934	Promoter (9-10kb)	19	50506446	50508029	9063	ENSG00000161677	JOSD2
NR4A2_R848	chr19	50499486	50499886	Promoter (8-9kb)	19	50506446	50508029	8143	ENSG00000161677	JOSD2
NR4A2_R848	chr19	50507005	50507405	Promoter (<=1kb)	19	50506446	50508029	624	ENSG00000161677	JOSD2
NR4A2_R848	chr19	50576418	50576818	Promoter (7-8kb)	19	50516892	50568435	-7983	ENSG00000131409	LRRRC4B
NR4A2_R848	chr19	50648798	50649198	Promoter (<=1kb)	19	50649445	50659306	-247	ENSG00000235034	C19orf81
NR4A2_R848	chr19	50650462	50650862	Promoter (<=1kb)	19	50649788	50659095	674	ENSG00000235034	C19orf81
NR4A2_R848	chr19	50667069	50667469	Promoter (<=1kb)	19	50662630	50666733	-336	ENSG00000161681	SHANK1
NR4A2_R848	chr19	50810047	50810447	Promoter (1-2kb)	19	50808874	50818880	1173	ENSG00000180279	LINC01869
NR4A2_R848	chr19	50875939	50876339	Promoter (<=1kb)	19	50876031	50879215	0	ENSG00000167751	KLK2
NR4A2_R848	chr19	50913403	50913803	Promoter (2-3kb)	19	50906934	50910738	-2665	ENSG00000167749	KLK4
NR4A2_R848	chr19	50969842	50970242	Promoter (<=1kb)	19	50958632	50969673	-169	ENSG00000167755	KLK6
NR4A2_R848	chr19	50980722	50981365	Promoter (2-3kb)	19	50976488	50983815	2450	ENSG00000169035	KLK7
NR4A2_R848	chr19	51083232	51083632	Promoter (<=1kb)	19	51077969	51082886	-346	ENSG00000129437	KLK14
NR4A2_R848	chr19	51213889	51214289	Promoter (6-7kb)	19	51206929	51207009	-6880	ENSG00000278617	MIR8074
NR4A2_R848	chr19	53272818	53273218	Promoter (5-6kb)	19	53266676	53267723	-5095	ENSG00000228567	VN1R4
NR4A2_R848	chr19	53462300	53462700	Promoter (5-6kb)	19	53467733	53496255	-5033	ENSG00000198346	ZNF813
NR4A2_R848	chr19	53725704	53726104	Promoter (<=1kb)	19	53725442	53725526	262	ENSG00000207925	MIR516B2
NR4A2_R848	chr19	53990198	53990598	Promoter (1-2kb)	19	53992288	54012664	-1690	ENSG00000130433	CACNG6
NR4A2_R848	chr19	55096560	55096960	Promoter (<=1kb)	19	55096077	55097064	104	ENSG00000125503	PPP1R12C
NR4A2_R848	chr19	55199583	55199983	Promoter (7-8kb)	19	55205392	55207239	7256	ENSG00000080031	PTPRH
NR4A2_R848	chr19	55266287	55266687	Promoter (7-8kb)	19	55229779	55259017	-7270	ENSG00000105063	PPP6R1
NR4A2_R848	chr19	55434369	55434769	Promoter (7-8kb)	19	55431976	55442337	7568	ENSG00000187902	SHISA7
NR4A2_R848	chr19	55448184	55448875	Promoter (5-6kb)	19	55428740	55442863	-5321	ENSG00000187902	SHISA7
NR4A2_R848	chr19	55685078	55685478	Promoter (4-5kb)	19	55680676	55689915	4402	ENSG00000063245	EPN1
NR4A2_R848	chr19	55691588	55691988	Promoter (<=1kb)	19	55692648	55693387	-660	ENSG00000063245	EPN1
NR4A2_R848	chr19	56123619	56124019	Promoter (2-3kb)	19	56087366	56121295	-2324	ENSG00000142409	ZNF787
NR4A2_R848	chr19	56158829	56159400	Promoter (1-2kb)	19	56157309	56159967	1520	ENSG00000167685	ZNF444
NR4A2_R848	chr19	56174261	56174661	Promoter (1-2kb)	19	56176008	56185775	-1347	ENSG00000197487	GALP
NR4A2_R848	chr19	56304235	56304635	Promoter (2-3kb)	19	56301990	56310450	2245	ENSG00000267710	EDDM13
NR4A2_R848	chr19	57137807	57138207	Promoter (6-7kb)	19	57134096	57145202	6995	ENSG00000141946	ZIM3
NR4A2_R848	chr19	58092647	58093047	Promoter (2-3kb)	19	58083843	58090598	-2049	ENSG00000121413	ZSCAN18
NR4A2_R848	chr19	58270069	58270469	Promoter (8-9kb)	19	58278955	58302791	-8486	ENSG00000278129	ZNF8
NR4A2_R848	chr20	3246910	3247310	Promoter (7-8kb)	20	3237544	3239559	-7351	ENSG00000088836	SLC4A11
NR4A2_R848	chr20	4717344	4717744	Promoter (4-5kb)	20	4721909	4728460	-4165	ENSG00000171864	PRND
NR4A2_R848	chr20	5525405	5525805	Promoter (<=1kb)	20	5482736	5526606	801	ENSG00000205181	LINC00654
NR4A2_R848	chr20	18380927	18381327	Promoter (1-2kb)	20	18379049	18381484	1878	ENSG00000237282	LINC00851
NR4A2_R848	chr20	23453909	23454493	Promoter (1-2kb)	20	23450412	23452876	-1033	ENSG00000125831	CST11
NR4A2_R848	chr20	24581909	24582309	Promoter (2-3kb)	20	24584902	24597153	-2593	ENSG00000101463	SYNDIG1
NR4A2_R848	chr20	24957029	24957429	Promoter (7-8kb)	20	24949269	24959928	7760	ENSG00000077984	EST7
NR4A2_R848	chr20	25217828	25218228	Promoter (2-3kb)	20	25215698	25224702	2130	ENSG00000197586	ENTPD6
NR4A2_R848	chr20	25867582	25867982	Promoter (<=1kb)	20	25774222	25868132	150	NA	LOC101926935
NR4A2_R848	chr20	29411233	29411633	Promoter (5-6kb)	20	29415264	29416911	5278	NA	FRG2EP
NR4A2_R848	chr20	29497571	29497971	Promoter (<=1kb)	20	29480147	29497179	-392	NA	FRG1EP
NR4A2_R848	chr20	30283762	30284162	Promoter (5-6kb)	20	30278906	30289205	5043	NA	LINC01597
NR4A2_R848	chr20	30412694	30413292	Promoter (9-10kb)	20	30403123	30403384	-9310	NA	MLLT10P1
NR4A2_R848	chr20	31954828	31955228	Promoter (2-3kb)	20	31944337	31952046	-2782	ENSG00000088356	PDRG1
NR4A2_R848	chr20	32678320	32678720	Promoter (4-5kb)	20	32631625	32673941	-4379	ENSG00000198547	C20orf203
NR4A2_R848	chr20	33074486	33074939	Promoter (4-5kb)	20	33079644	33092505	-4705	ENSG00000186191	BPIFB4
NR4A2_R848	chr20	33231043	33231443	Promoter (4-5kb)	20	33235995	33243309	-4552	ENSG00000198183	BPIFA1
NR4A2_R848	chr20	33305388	33305788	Promoter (6-7kb)	20	33298713	33307966	6675	ENSG00000125999	BPIFB1
NR4A2_R848	chr20	33308675	33309075	Promoter (9-10kb)	20	33298713	33307966	9962	ENSG00000125999	BPIFB1
NR4A2_R848	chr20	36296507	36296907	Promoter (9-10kb)	20	36306336	36528637	-9429	ENSG00000080845	DLGAP4
NR4A2_R848	chr20	36314700	36315100	Promoter (8-9kb)	20	36306381				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr20	58519955	58520355	Promoter (2-3kb)	20	58523160	58573824	-2805	ENSG00000231290	APCDD1L-DT
NR4A2_R848	chr20	58635881	58636358	Promoter (1-2kb)	20	58634772	58635738	1109	ENSG00000268941	LINC01711
NR4A2_R848	chr20	58643136	58643536	Promoter (7-8kb)	20	58651253	58679524	-7717	ENSG00000124222	STX16
NR4A2_R848	chr20	58694927	58695327	Promoter (<=1kb)	20	58694421	58713580	506	ENSG00000254995	STX16-NPEPL1
NR4A2_R848	chr20	58817419	58817819	Promoter (<=1kb)	20	58817132	58817725	0	ENSG00000284040	MIR296
NR4A2_R848	chr20	58830215	58830681	Promoter (9-10kb)	20	58839718	58911192	-9037	ENSG00000087460	GNAS
NR4A2_R848	chr20	59604764	59605164	Promoter (<=1kb)	20	59604540	59847711	224	ENSG00000087495	PHACTR3
NR4A2_R848	chr20	59686582	59686982	Promoter (9-10kb)	20	59676661	59847711	9921	ENSG00000087495	PHACTR3
NR4A2_R848	chr20	60314527	60314927	Promoter (6-7kb)	20	60308474	60308567	6053	ENSG00000207802	MIR646
NR4A2_R848	chr20	61605151	61605551	Promoter (5-6kb)	20	61599761	61937249	5390	ENSG00000179242	CDH4
NR4A2_R848	chr20	62201951	62202351	Promoter (3-4kb)	20	62198678	62200266	3273	ENSG00000101181	MTG2
NR4A2_R848	chr20	62270773	62271173	Promoter (2-3kb)	20	62273309	62282093	-2136	ENSG00000130703	OSBPL2
NR4A2_R848	chr20	62351408	62351808	Promoter (<=1kb)	20	62346558	62351989	181	ENSG00000130702	LAMA5
NR4A2_R848	chr20	62397910	62398479	Promoter (1-2kb)	20	62391014	62396331	-1579	ENSG00000149679	CABLES2
NR4A2_R848	chr20	62421023	62421453	Promoter (6-7kb)	20	62410237	62427539	6086	ENSG00000130701	RBBP8NL
NR4A2_R848	chr20	62776893	62777293	Promoter (<=1kb)	20	62774121	62776932	0	ENSG00000228705	LINC00659
NR4A2_R848	chr20	62971386	62971786	Promoter (6-7kb)	20	62965006	62968597	6380	ENSG00000101194	SLC17A9
NR4A2_R848	chr20	63017658	63018058	Promoter (8-9kb)	20	63009383	63085071	8275	ENSG00000272259	LINC01749
NR4A2_R848	chr20	63171916	63172647	Promoter (5-6kb)	20	63178500	63178586	-5853	ENSG00000207598	MIR124-3
NR4A2_R848	chr20	63257559	63257959	Promoter (3-4kb)	20	63240784	63254463	-3096	ENSG00000101198	NKAIN4
NR4A2_R848	chr20	63348314	63348714	Promoter (5-6kb)	20	63350977	63354566	5852	ENSG00000101204	CHRNA4
NR4A2_R848	chr20	63491572	63491972	Promoter (6-7kb)	20	63490081	63498748	6776	ENSG00000101210	EEF1A2
NR4A2_R848	chr20	63492262	63492687	Promoter (6-7kb)	20	63490081	63498748	6061	ENSG00000101210	EEF1A2
NR4A2_R848	chr20	63502968	63503368	Promoter (3-4kb)	20	63497454	63499185	-3783	ENSG00000101210	EEF1A2
NR4A2_R848	chr20	63960071	63960471	Promoter (3-4kb)	20	63939829	63956416	-3655	ENSG00000198276	UCKL1
NR4A2_R848	chr20	64032088	64032488	Promoter (1-2kb)	20	64034344	64039001	-1856	ENSG00000196421	C2orf204
NR4A2_R848	chr21	8219725	8220220	Promoter (7-8kb)	21	8212572	8212724	7153	ENSG00000276700	RNA5-8SN4
NR4A2_R848	chr21	8992173	8992662	Promoter (5-6kb)	21	8986999	8987178	5174	ENSG00000275708	MIR3648-1
NR4A2_R848	chr21	9823345	9823745	Promoter (6-7kb)	21	9781910	9816833	-6512	ENSG00000280081	LINC01667
NR4A2_R848	chr21	13987412	13987812	Promoter (6-7kb)	21	13943769	13980437	-6975	ENSG00000215559	ANKRD20A11P
NR4A2_R848	chr21	31919394	31919794	Promoter (4-5kb)	21	31924552	31968334	-4758	ENSG00000142149	HUNK
NR4A2_R848	chr21	32586251	32586651	Promoter (<=1kb)	21	32576659	32585533	-718	ENSG00000242220	TCP10L
NR4A2_R848	chr21	35992993	35993393	Promoter (8-9kb)	21	35954660	35984749	-8244	NA	LOC101928269
NR4A2_R848	chr21	35993567	35993967	Promoter (8-9kb)	21	35954660	35984749	-8818	NA	LOC101928269
NR4A2_R848	chr21	38913661	38914061	Promoter (<=1kb)	21	38863676	38912921	-740	NA	LOC400867
NR4A2_R848	chr21	39563257	39563657	Promoter (6-7kb)	21	39556442	39673137	6815	ENSG00000183778	B3GALT5
NR4A2_R848	chr21	41150189	41150589	Promoter (1-2kb)	21	41141493	41148198	-1991	ENSG00000226496	LINC00323
NR4A2_R848	chr21	41150687	41151087	Promoter (2-3kb)	21	41141493	41148198	-2489	ENSG00000226496	LINC00323
NR4A2_R848	chr21	41179128	41179686	Promoter (1-2kb)	21	41175231	41180818	1132	ENSG00000280109	PLAC4
NR4A2_R848	chr21	41749497	41749897	Promoter (2-3kb)	21	41746772	41746841	-2656	ENSG00000275166	MIR6814
NR4A2_R848	chr21	41805921	41806823	Promoter (1-2kb)	21	41801657	41804723	-1198	ENSG00000141956	PRDM15
NR4A2_R848	chr21	41829072	41829545	Promoter (5-6kb)	21	41821191	41835518	5973	ENSG00000141956	PRDM15
NR4A2_R848	chr21	42026969	42027369	Promoter (4-5kb)	21	42022267	42024924	4702	ENSG00000237232	ZNF295-AS1
NR4A2_R848	chr21	42293273	42293897	Promoter (7-8kb)	21	42285934	42295352	7339	ENSG00000160179	ABCG1
NR4A2_R848	chr21	42615326	42615726	Promoter (<=1kb)	21	42599280	42615058	-268	ENSG00000225431	LINC01671
NR4A2_R848	chr21	42662781	42663181	Promoter (8-9kb)	21	42653813	42775509	8968	ENSG00000160191	PDE9A
NR4A2_R848	chr21	42691272	42691676	Promoter (5-6kb)	21	42686197	42762139	5075	ENSG00000160191	PDE9A
NR4A2_R848	chr21	42759359	42759807	Promoter (2-3kb)	21	42762214	42768412	-2407	ENSG00000160191	PDE9A
NR4A2_R848	chr21	42769197	42769597	Promoter (6-7kb)	21	42762214	42768412	6983	ENSG00000160191	PDE9A
NR4A2_R848	chr21	43337035	43337549	Promoter (4-5kb)	21	43322417	43332039	-4996	NA	LINC00322
NR4A2_R848	chr21	43467655	43468055	Promoter (2-3kb)	21	43462094	43464973	-2682	ENSG00000185186	LINC00313
NR4A2_R848	chr21	43604225	43604625	Promoter (5-6kb)	21	43609887	43609989	5364	ENSG00000278433	MIR6070
NR4A2_R848	chr21	44318002	44318402	Promoter (1-2kb)	21	44319623	44327376	-1221	ENSG00000141959	PFKL
NR4A2_R848	chr21	44416542	44416942	Promoter (<=1kb)	21	44414595	44416740	0	NA	TRPM2-AS
NR4A2_R848	chr21	44419462	44419909	Promoter (2-3kb)	21	44414595	44416740	-2722	NA	TRPM2-AS
NR4A2_R848	chr21	44460491	44460891	Promoter (4-5kb)	21	44455510	44462196	4981	ENSG00000160233	LRR3
NR4A2_R848	chr21	44465477	44465877	Promoter (9-10kb)	21	44455510	44462196	9967	ENSG00000160233	LRR3
NR4A2_R848	chr21	44574242	44574642	Promoter (<=1kb)	21	44508507	44573816	-426	ENSG00000175894	TSPEAR
NR4A2_R848	chr21	44866480	44866880	Promoter (<=1kb)	21	44855228	44865896	-584	ENSG00000183255	PTTG1IP
NR4A2_R848	chr21	44904587	44904987	Promoter (5-6kb)	21	44899067	44910630	5643	ENSG00000160255	ITGB2
NR4A2_R848	chr21	45507750	45508150	Promoter (1-2kb)	21	45506019	45512567	1731	ENSG00000182871	COL18A1
NR4A2_R848	chr21	45508206	45508606	Promoter (2-3kb)	21	45506019	45512567	2187	ENSG00000182871	COL18A1
NR4A2_R848	chr21	45591825	45592225	Promoter (1-2kb)	21	45593654	45603056	-1429	ENSG00000233922	LINC01694
NR4A2_R848	chr21	45636194	45636662	Promoter (7-8kb)	21	45643694	45788739	-7032	ENSG00000183570	PCBP3
NR4A2_R848	chr21	45740651	45741051	Promoter (5-6kb)	21	45735392	45749899	5259	ENSG00000183570	PCBP3
NR4A2_R848	chr21	45898475	45898908	Promoter (2-3kb)	21	45901015	45940199	-2107	ENSG00000183570	PCBP3
NR4A2_R848	chr21	45978232	45978632	Promoter (3-4kb)	21	45981737	46005050	-3105	ENSG00000142156	COL6A1
NR4A2_R848	chr21	45984622	45985049	Promoter (2-3kb)	21	45987109	45987633	-2060	ENSG00000142156	COL6A1
NR4A2_R848	chr21	46090872	46091272	Promoter (6-7kb)	21	46098097	46132849	-6825	ENSG00000142173	COL6A2
NR4A2_R848	chr21	46123519	46124044	Promoter (2-3kb)	21	46120560	46125894	2959	ENSG00000142173	COL6A2
NR4A2_R848	chr21	46311676	46312182	Promoter (<=1kb)	21	46301710	46311631	-45	ENSG00000160298	C21orf58
NR4A2_R848	chr21	46598120	46598520	Promoter (4-5kb)	21	46599281	46602893	4373	ENSG00000160307	S100B
NR4A2_R848	chr22	17009532	17009932	Promoter (1-2kb)	22	16961936	17008222	-1310	ENSG00000215568	GAB4
NR4A2_R848	chr22	17164028	17164428	Promoter (<=1kb)	22	17137511	17165287	859	ENSG00000069998	HDHD5
NR4A2_R848	chr22	17916093	17916493	Promoter (9-10kb)	22	17864615	17906874	-9219	ENSG00000243156	MICAL3
NR4A2_R848	chr22	19727423	19727823	Promoter (4-5kb)	22	19722945	19724771	4478	ENSG00000284874	SEPT5-GP1BB
NR4A2_R848	chr22	19873851	19874251	Promoter (6-7kb)	22	19875692	19881154	6903	ENSG00000184470	TXNRD2
NR4A2_R848	chr22	19909747	19910147	Promoter (5-6kb)	22	19895016	19915789	5642	ENSG00000184470	TXNRD2
NR4A2_R848	chr22	19921205	19921605	Promoter (2-3kb)	22	19910935	19918221	-2984	ENSG00000184470	TXNRD2
NR4A2_R848	chr22	19994955	19995418	Promoter (4-5kb)	22	19971228	19990794	-4161	ENSG00000099889	ARVCF
NR4A2_R848	chr22	20123253	20123653	Promoter (<=1kb)	22	20124139	20127181	-486	ENSG00000099901	RANBP1
NR4A2_R848	chr22	20199444	20199844	Promoter (5-6kb)	22	20198729	20204918	5074	ENSG00000249923	LINC02891
NR4A2_R848	chr22	20251805	20252220	Promoter (2-3kb)	22	20249134	20249211	-2594	ENSG00000221039	MIR1286
NR4A2_R848	chr22	20443785	20444185	Promoter (2-3kb)	22	20429241	20446620	2435	ENSG00000244486	SCARF2
NR4A2_R848	chr22	20582434	20582834	Promoter (<=1kb)	22	20582930	20583749	-96	ENSG00000099917	MED15
NR4A2_R848	chr22	22291543	22292230	Promoter (5-6kb)	22	22298124	22329122	-5894	NA	BMS1P20
NR4A2_R848	chr22	22298372	22298772	Promoter (<=1kb)	22	22298124	22329122	248	NA	BMS1P20
NR4A2_R848	chr22	22652424	22652824	Promoter (5-6kb)	22	22646778	22647878	5646	ENSG00000100121	GGTLC2
NR4A2_R848	chr22	23274816	23275216	Promoter (7-8kb)	22	23283209	23291131	-7993	ENSG00000186716	BCR
NR4A2_R848	chr22	23533752	23534152	Promoter (2-3kb)	22	23536881	23539480	-2729	NA	PCAT14
NR4A2_R848	chr22	23761709	23762109	Promoter (<=1kb)	22	23763021	23764363	-912	ENSG00000169314	C22orf15
NR4A2_R848	chr22	24621896	24622296	Promoter (1-2kb)	22	24620408	24628976	1488	ENSG00000100031	GGT1
NR4A2_R848	chr22	24633530	24633930	Promoter (<=1kb)	22	24632954	24650012			



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A2_R848	chr22	37351126	37351526	Promoter (3-4kb)	22	37352190	37354839	3313	ENSG00000237862	LOC100506271
NR4A2_R848	chr22	37682380	37682780	Promoter (<=1kb)	22	37681673	37693475	707	ENSG00000273899	NOL12
NR4A2_R848	chr22	37821345	37821745	Promoter (1-2kb)	22	37823382	37825485	-1637	ENSG00000128310	GALR3
NR4A2_R848	chr22	37975494	37975894	Promoter (2-3kb)	22	37970686	37978031	2137	ENSG00000100146	SOX10
NR4A2_R848	chr22	38447805	38448205	Promoter (6-7kb)	22	38426327	38455199	6994	ENSG00000168135	KCNJ4
NR4A2_R848	chr22	38738711	38739111	Promoter (<=1kb)	22	38738238	38739247	136	ENSG00000100242	SUN2
NR4A2_R848	chr22	38761791	38762191	Promoter (5-6kb)	22	38745687	38756000	-5791	ENSG00000100242	SUN2
NR4A2_R848	chr22	39127782	39128182	Promoter (6-7kb)	22	39133691	39134779	6597	ENSG00000100307	CBX7
NR4A2_R848	chr22	39430073	39430473	Promoter (1-2kb)	22	39432431	39437060	-1958	NA	LOC100506472
NR4A2_R848	chr22	39563921	39564321	Promoter (6-7kb)	22	39570753	39684528	-6432	ENSG00000100346	CACNA1I
NR4A2_R848	chr22	39565841	39566335	Promoter (4-5kb)	22	39570753	39684528	-4418	ENSG00000100346	CACNA1I
NR4A2_R848	chr22	41721084	41721484	Promoter (9-10kb)	22	41731056	41799414	-9572	ENSG00000167077	MEI1
NR4A2_R848	chr22	42598281	42598681	Promoter (4-5kb)	22	42585887	42603012	4331	ENSG00000100227	POLDIP3
NR4A2_R848	chr22	43029558	43029958	Promoter (8-9kb)	22	43038585	43052366	-8627	ENSG00000230319	TTL1-AS1
NR4A2_R848	chr22	43205649	43206049	Promoter (6-7kb)	22	43212674	43213661	-6625	ENSG00000236272	SCUBE1-AS2
NR4A2_R848	chr22	43509174	43509758	Promoter (6-7kb)	22	43516107	43537117	-6349	NA	EFCAB6-AS1
NR4A2_R848	chr22	43835287	43835687	Promoter (3-4kb)	22	43828806	43838913	3226	ENSG00000130540	SULT4A1
NR4A2_R848	chr22	44146000	44146400	Promoter (9-10kb)	22	44136464	44139124	9536	ENSG00000188677	PARVB
NR4A2_R848	chr22	44154552	44155149	Promoter (7-8kb)	22	44162734	44168243	-7585	ENSG00000188677	PARVB
NR4A2_R848	chr22	44575648	44576206	Promoter (4-5kb)	22	44571043	44572453	4605	ENSG00000187012	LINC00207
NR4A2_R848	chr22	44617315	44618177	Promoter (7-8kb)	22	44606939	44625419	7242	NA	LINC00229
NR4A2_R848	chr22	44717635	44718035	Promoter (7-8kb)	22	44725246	44809801	-7211	ENSG00000248405	PRR5-ARHGAP8
NR4A2_R848	chr22	44800080	44800480	Promoter (1-2kb)	22	44801820	44825551	-1340	ENSG00000241484	ARHGAP8
NR4A2_R848	chr22	45291458	45291858	Promoter (6-7kb)	22	45284991	45295822	6467	ENSG00000100373	UPK3A
NR4A2_R848	chr22	45495786	45496186	Promoter (6-7kb)	22	45502238	45531324	-6052	ENSG00000077942	FBLN1
NR4A2_R848	chr22	45966545	45966945	Promoter (5-6kb)	22	45922111	45972715	5770	ENSG00000188064	WNT7B
NR4A2_R848	chr22	46290257	46290657	Promoter (1-2kb)	22	46288510	46292933	1747	ENSG00000075234	TTC38
NR4A2_R848	chr22	46372120	46372520	Promoter (5-6kb)	22	46372913	46377624	5104	ENSG00000075275	CELSR1
NR4A2_R848	chr22	46539743	46540143	Promoter (2-3kb)	22	46360834	46537170	-2573	ENSG00000075275	CELSR1
NR4A2_R848	chr22	46621605	46622005	Promoter (1-2kb)	22	46620386	46679785	1219	ENSG00000075240	GRAMD4
NR4A2_R848	chr22	46665695	46666095	Promoter (2-3kb)	22	46663107	46671167	2588	ENSG00000075240	GRAMD4
NR4A2_R848	chr22	46680480	46680880	Promoter (5-6kb)	22	46674608	46679683	5872	ENSG00000075240	GRAMD4
NR4A2_R848	chr22	47628238	47628996	Promoter (<=1kb)	22	47625230	47629902	906	ENSG00000205634	LINC00898
NR4A2_R848	chr22	48269047	48269447	Promoter (4-5kb)	22	48274364	48274415	-4917	ENSG00000266508	MIR3201
NR4A2_R848	chr22	48542278	48542800	Promoter (4-5kb)	22	48538902	48547342	4542	ENSG00000281732	LOC284933
NR4A2_R848	chr22	48565930	48566330	Promoter (9-10kb)	22	48576306	48751932	-9976	ENSG00000219438	TAFA5
NR4A2_R848	chr22	48584511	48584911	Promoter (8-9kb)	22	48576453	48750488	8058	ENSG00000219438	TAFA5
NR4A2_R848	chr22	48697641	48698041	Promoter (4-5kb)	22	48693247	48750408	4394	ENSG00000219438	TAFA5
NR4A2_R848	chr22	49627242	49627642	Promoter (<=1kb)	22	49624167	49626894	-348	ENSG00000188511	C22orf34
NR4A2_R848	chr22	50080926	50081326	Promoter (4-5kb)	22	50059391	50085354	4028	ENSG00000100427	MLC1
NR4A2_R848	chr22	50234744	50235144	Promoter (5-6kb)	22	50226735	50240360	5216	ENSG00000128159	TUBGCP6
NR4A2_R848	chr22	50311081	50311481	Promoter (3-4kb)	22	50274979	50307646	-3435	ENSG00000196576	PLXNB2
NR4A2_R848	chr22	50339674	50340428	Promoter (2-3kb)	22	50343304	50445090	-2876	ENSG00000100239	PPP6R2
NR4A2_R848	chr22	50462332	50462732	Promoter (4-5kb)	22	50466196	50467355	4623	ENSG00000100241	SBF1
NR4A3_Medium	chr1	631779	632179	Promoter (<=1kb)	1	594198	631204	-575	ENSG00000230021	LOC101928626
NR4A3_Medium	chr1	1056189	1056589	Promoter (3-4kb)	1	1059708	1066459	-3119	ENSG00000217801	LOC100288175
NR4A3_Medium	chr1	1595019	1595419	Promoter (4-5kb)	1	1598012	1600135	4716	ENSG00000228594	FNDC10
NR4A3_Medium	chr1	2346584	2346984	Promoter (4-5kb)	1	2351644	2351857	4873	ENSG00000269896	LOC100129534
NR4A3_Medium	chr1	2435872	2436272	Promoter (9-10kb)	1	2425980	2479804	9892	ENSG00000149527	PLCH2
NR4A3_Medium	chr1	3025927	3026327	Promoter (4-5kb)	1	3021467	3022903	4460	ENSG00000169717	ACTRT2
NR4A3_Medium	chr1	3941753	3942153	Promoter (1-2kb)	1	3940617	3955262	1136	NA	LINC01346
NR4A3_Medium	chr1	6175131	6175531	Promoter (4-5kb)	1	6105091	6180023	4492	ENSG00000116254	CHD5
NR4A3_Medium	chr1	8322070	8322470	Promoter (1-2kb)	1	8324330	8344167	-1860	ENSG00000162426	SLC45A1
NR4A3_Medium	chr1	11042302	11042702	Promoter (<=1kb)	1	11037693	11043198	496	ENSG00000009724	MASP2
NR4A3_Medium	chr1	12582908	12583450	Promoter (3-4kb)	1	12578957	12579023	-3885	ENSG00000276830	MIR6730
NR4A3_Medium	chr1	12585190	12585590	Promoter (6-7kb)	1	12578957	12579023	-6167	ENSG00000276830	MIR6730
NR4A3_Medium	chr1	12644828	12645228	Promoter (<=1kb)	1	12644547	12667086	281	ENSG00000204518	AADA4L4
NR4A3_Medium	chr1	16142702	16143102	Promoter (3-4kb)	1	16134560	16146450	3348	ENSG00000142627	EPHA2
NR4A3_Medium	chr1	18858176	18858576	Promoter (1-2kb)	1	18839599	18859682	1106	ENSG00000179002	TAS1R2
NR4A3_Medium	chr1	20702984	20703384	Promoter (4-5kb)	1	20664014	20698439	-4545	ENSG00000117245	KIF17
NR4A3_Medium	chr1	21433683	21434083	Promoter (6-7kb)	1	21440128	21483467	-6045	ENSG00000142794	NBPF3
NR4A3_Medium	chr1	21437141	21437541	Promoter (2-3kb)	1	21440128	21483467	-2587	ENSG00000142794	NBPF3
NR4A3_Medium	chr1	22659016	22659416	Promoter (5-6kb)	1	22653236	22661637	5780	ENSG00000173369	C1QB
NR4A3_Medium	chr1	23625861	23626261	Promoter (1-2kb)	1	23627334	23640568	-1073	ENSG00000197880	MDS2
NR4A3_Medium	chr1	25767741	25768141	Promoter (3-4kb)	1	25772069	25782700	-3928	ENSG00000117643	MAN1C1
NR4A3_Medium	chr1	25768428	25768828	Promoter (3-4kb)	1	25772069	25782700	-3241	ENSG00000117643	MAN1C1
NR4A3_Medium	chr1	26028794	26029194	Promoter (2-3kb)	1	26032130	26035004	-2936	ENSG00000158008	EXTL1
NR4A3_Medium	chr1	26951527	26951927	Promoter (6-7kb)	1	26945135	26946184	6392	ENSG00000090273	NUDC
NR4A3_Medium	chr1	34777584	34777984	Promoter (3-4kb)	1	34781214	34786364	-3230	ENSG00000188910	GJB3
NR4A3_Medium	chr1	43423717	43424117	Promoter (2-3kb)	1	43420757	43429489	2960	ENSG00000198198	SZT2
NR4A3_Medium	chr1	43871429	43871829	Promoter (7-8kb)	1	43879244	43930838	-7415	ENSG00000126091	ST3GAL3
NR4A3_Medium	chr1	43922738	43923138	Promoter (3-4kb)	1	43919113	43931139	3625	ENSG00000126091	ST3GAL3
NR4A3_Medium	chr1	46512872	46513272	Promoter (5-6kb)	1	46506997	46514226	5875	ENSG00000197587	DMBX1
NR4A3_Medium	chr1	53098229	53098629	Promoter (7-8kb)	1	53087184	53090982	-7247	ENSG00000162383	SLC1A7
NR4A3_Medium	chr1	110410220	110410620	Promoter (<=1kb)	1	110411020	110418356	-400	NA	LAMTOR5-AS1
NR4A3_Medium	chr1	178504511	178504911	Promoter (8-9kb)	1	178513109	178522650	-8198	ENSG00000240021	TEX35
NR4A3_Medium	chr1	182236636	182237036	Promoter (7-8kb)	1	182129310	182244399	7363	NA	LINC01344
NR4A3_Medium	chr1	201108926	201109326	Promoter (3-4kb)	1	201039512	201112426	3100	ENSG00000081248	CACNA1S
NR4A3_Medium	chr1	202205216	202205625	Promoter (1-2kb)	1	202203777	202319690	1439	ENSG00000133067	LGR6
NR4A3_Medium	chr1	204195081	204195702	Promoter (<=1kb)	1	204190341	204196491	789	ENSG00000170498	KISS1
NR4A3_Medium	chr1	205048639	205049039	Promoter (5-6kb)	1	205043212	205078289	5427	ENSG00000184144	CNTN2
NR4A3_Medium	chr1	226944501	226944901	Promoter (4-5kb)	1	226940379	226977523	4122	ENSG00000163050	COQ8A
NR4A3_Medium	chr1	227560219	227560692	Promoter (2-3kb)	1	227563543	227677443	-2851	ENSG00000181450	ZNF678
NR4A3_Medium	chr1	228071071	228071471	Promoter (5-6kb)	1	228073909	228076550	5079	ENSG00000276255	LINC02809
NR4A3_Medium	chr1	228207031	228207431	Promoter (<=1kb)	1	228203722	228206558	-473	ENSG00000162913	OBSCN-AS1
NR4A3_Medium	chr1	228319249	228319649	Promoter (9-10kb)	1	228309484	228316119	9765	ENSG00000154358	OBSCN
NR4A3_Medium	chr1	228622085	228622485	Promoter (<=1kb)	1	228621447	228621565	-520	ENSG00000199352	RNA5S1
NR4A3_Medium	chr2	878023	878423	Promoter (9-10kb)	2	791614	868608	-9415	ENSG00000237667	LINC01115
NR4A3_Medium	chr2	1866429	1867020	Promoter (4-5kb)	2	1789241	1861677	-4752	ENSG00000186487	MYT1L
NR4A3_Medium	chr2	6759925	6760422	Promoter (9-10kb)	2	6729168	6770311	9889	ENSG00000205837	LINC00487
NR4A3_Medium	chr2	10190111	10190511	Promoter (2-3kb)	2	10192614	10192671	2160	ENSG00000265418	MIR4261
NR4A3_Medium	chr2	10312386	10312929	Promoter (8-9kb)	2	10303700	10427617	8686	ENSG00000115756	HPCAL1
NR4A3_Medium	chr2	10680216	10680616	Promoter (8-9kb)	2	10622023	10671690	-8526	ENSG00000115761	NOL10
NR4A3_Medium	chr2	71571716	71572472	Promoter (1-2kb)	2	71570138	71570916	1578	ENSG00000135636	DYSF

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_Medium	chr2	216099029	216099552	Promoter (7-8kb)	2	216107464	216206303	-7912	ENSG00000079246	XRCC5
NR4A3_Medium	chr2	217989996	217990396	Promoter (<=1kb)	2	217799795	217991014	618	ENSG00000079308	TNS1
NR4A3_Medium	chr2	231005344	231005744	Promoter (2-3kb)	2	231002771	231025055	2573	ENSG00000173699	SPATA3
NR4A3_Medium	chr2	233014778	233015178	Promoter (1-2kb)	2	232878701	233013256	-1522	ENSG00000066248	NGEF
NR4A3_Medium	chr2	237397276	237397676	Promoter (<=1kb)	2	237324774	237396817	-459	ENSG00000163359	COL6A3
NR4A3_Medium	chr2	237522946	237523346	Promoter (2-3kb)	2	237525674	237527683	-2328	ENSG00000115648	MLPH
NR4A3_Medium	chr2	237566045	237566445	Promoter (<=1kb)	2	237566574	237567175	-129	ENSG00000071677	PRLH
NR4A3_Medium	chr2	238118403	238118840	Promoter (8-9kb)	2	238127390	238133287	-8550	ENSG00000144488	ESPNL
NR4A3_Medium	chr2	239092031	239092431	Promoter (6-7kb)	2	239085827	239085926	-6105	ENSG00000264810	MIR4441
NR4A3_Medium	chr2	240147455	240147855	Promoter (2-3kb)	2	240139026	240144562	-2893	ENSG00000178602	OTOS
NR4A3_Medium	chr2	240527247	240527647	Promoter (<=1kb)	2	240521939	240527881	234	ENSG00000144504	ANKMY1
NR4A3_Medium	chr2	240744799	240745199	Promoter (<=1kb)	2	240713816	240744687	-112	ENSG00000130294	KIF1A
NR4A3_Medium	chr2	240951157	240951557	Promoter (1-2kb)	2	240949655	240950929	1502	ENSG00000226321	CROCC2
NR4A3_Medium	chr3	13614839	13615239	Promoter (<=1kb)	3	13613898	13618993	941	ENSG00000163520	FBLN2
NR4A3_Medium	chr3	13868809	13869209	Promoter (5-6kb)	3	13863668	13875113	5904	ENSG00000154764	WNT7A
NR4A3_Medium	chr3	49127444	49127844	Promoter (<=1kb)	3	49125005	49128556	712	ENSG00000172037	LAMB2
NR4A3_Medium	chr3	58652271	58652671	Promoter (5-6kb)	3	58637155	58657696	5025	ENSG00000198643	FAM3D
NR4A3_Medium	chr3	58662998	58663398	Promoter (3-4kb)	3	58633946	58666774	3376	ENSG00000198643	FAM3D
NR4A3_Medium	chr3	75669063	75669501	Promoter (2-3kb)	3	75672300	75742048	-2799	ENSG00000242516	LINC00960
NR4A3_Medium	chr3	109340916	109341316	Promoter (3-4kb)	3	109326141	109337572	-3344	ENSG00000121570	DPPA4
NR4A3_Medium	chr3	126212160	126212692	Promoter (4-5kb)	3	126207255	126210166	4905	ENSG00000246022	ALDH1L1-AS2
NR4A3_Medium	chr3	126414411	126414811	Promoter (1-2kb)	3	126416335	126416863	-1524	ENSG00000163885	CFAP100
NR4A3_Medium	chr3	126864258	126864779	Promoter (9-10kb)	3	126854864	126949879	9394	ENSG00000159685	CHCHD6
NR4A3_Medium	chr3	129516876	129517344	Promoter (4-5kb)	3	129512381	129514820	4495	ENSG00000163913	IFT122
NR4A3_Medium	chr3	194352402	194352802	Promoter (1-2kb)	3	194339768	194351328	-1074	ENSG00000178772	CPN2
NR4A3_Medium	chr4	821993	822555	Promoter (3-4kb)	4	784958	826092	3537	ENSG00000168993	CPLX1
NR4A3_Medium	chr4	2447292	2447692	Promoter (4-5kb)	4	2443215	2450356	4077	ENSG00000206113	CFAP99
NR4A3_Medium	chr4	3678437	3678837	Promoter (<=1kb)	4	3673593	3677855	-582	ENSG00000250632	LINC02171
NR4A3_Medium	chr4	6579028	6579519	Promoter (3-4kb)	4	6575215	6622401	3813	ENSG00000132888	MAN2B2
NR4A3_Medium	chr4	6660347	6660747	Promoter (2-3kb)	4	6663396	6676755	-2649	ENSG00000170846	LOC93622
NR4A3_Medium	chr4	6725442	6725842	Promoter (9-10kb)	4	6716174	6717664	9268	ENSG00000186222	BLOC1S4
NR4A3_Medium	chr4	7387624	7388024	Promoter (5-6kb)	4	7381898	7661529	5726	ENSG00000184985	SORCS2
NR4A3_Medium	chr4	7724607	7725007	Promoter (9-10kb)	4	7734280	7740720	-9273	ENSG00000184985	SORCS2
NR4A3_Medium	chr4	8011906	8012504	Promoter (1-2kb)	4	8007385	8010728	-1178	ENSG00000163995	ABLIM2
NR4A3_Medium	chr4	8069556	8069956	Promoter (1-2kb)	4	8008063	8071827	1871	ENSG00000163995	ABLIM2
NR4A3_Medium	chr4	26492607	26493007	Promoter (2-3kb)	4	26481396	26490484	-2123	ENSG00000163394	CCKAR
NR4A3_Medium	chr4	56687961	56688361	Promoter (6-7kb)	4	56647988	56681899	-6062	ENSG00000171476	HOPX
NR4A3_Medium	chr4	108180509	108180909	Promoter (7-8kb)	4	108173419	108176430	7090	ENSG00000232021	LEF1-AS1
NR4A3_Medium	chr4	127688870	127689270	Promoter (1-2kb)	4	127687814	127705772	1056	ENSG00000164066	INTU
NR4A3_Medium	chr4	148942205	148942605	Promoter (<=1kb)	4	148940941	148942378	0	ENSG00000249317	LOC105377480
NR4A3_Medium	chr4	186605194	186605594	Promoter (3-4kb)	4	186600331	186601700	-3494	ENSG00000083857	FAT1
NR4A3_Medium	chr4	190067607	190068007	Promoter (2-3kb)	4	190065233	190065914	2374	ENSG00000281591	DBET
NR4A3_Medium	chr5	146376	146776	Promoter (5-6kb)	5	140566	157110	5810	ENSG00000153404	PLEKHG4B
NR4A3_Medium	chr5	856070	856470	Promoter (5-6kb)	5	795607	850986	-5084	ENSG00000188818	ZDHHC11
NR4A3_Medium	chr5	856719	857119	Promoter (5-6kb)	5	795607	850986	-5733	ENSG00000188818	ZDHHC11
NR4A3_Medium	chr5	1199262	1199662	Promoter (1-2kb)	5	1201595	1223270	-1933	ENSG00000174358	SLC6A19
NR4A3_Medium	chr5	6447149	6447549	Promoter (1-2kb)	5	6448859	6496723	-1310	ENSG00000215218	UBE2QL1
NR4A3_Medium	chr5	6447897	6448297	Promoter (<=1kb)	5	6448859	6496723	-562	ENSG00000215218	UBE2QL1
NR4A3_Medium	chr5	14402946	14403346	Promoter (2-3kb)	5	14406214	14419904	-2868	ENSG00000038382	TRIO
NR4A3_Medium	chr5	61731325	61731725	Promoter (3-4kb)	5	61732774	61735668	3943	ENSG00000251575	C5orf64-AS1
NR4A3_Medium	chr5	149314053	149314453	Promoter (1-2kb)	5	149315640	149341802	-1187	ENSG00000157510	AFAP1L1
NR4A3_Medium	chr5	170754783	170755183	Promoter (8-9kb)	5	170763350	170797521	-8167	ENSG00000094755	GABRP
NR4A3_Medium	chr5	172056540	172056940	Promoter (3-4kb)	5	172043111	172053200	-3340	ENSG00000072786	STK10
NR4A3_Medium	chr5	176132922	176133322	Promoter (9-10kb)	5	176123834	176125138	9088	NA	NA
NR4A3_Medium	chr5	176524797	176525197	Promoter (4-5kb)	5	176529078	176529808	4611	ENSG00000146083	RNF44
NR4A3_Medium	chr5	176745714	176746114	Promoter (2-3kb)	5	176743205	176743871	2509	ENSG00000248859	LINC01574
NR4A3_Medium	chr5	178269437	178269837	Promoter (3-4kb)	5	178263208	178265834	-3603	ENSG00000050767	COL23A1
NR4A3_Medium	chr5	180213512	180213912	Promoter (4-5kb)	5	180100795	180209211	-4301	ENSG00000146090	RASGEF1C
NR4A3_Medium	chr6	18565608	18566008	Promoter (5-6kb)	6	18571784	18571880	-5776	ENSG00000207775	MIR548A1
NR4A3_Medium	chr6	34059371	34059771	Promoter (3-4kb)	6	34040711	34056323	-3048	ENSG00000124493	GRM4
NR4A3_Medium	chr6	34072868	34073268	Promoter (9-10kb)	6	34022138	34063635	-9233	ENSG00000124493	GRM4
NR4A3_Medium	chr6	34111311	34111711	Promoter (<=1kb)	6	34022433	34111034	-277	ENSG00000124493	GRM4
NR4A3_Medium	chr6	37664666	37665066	Promoter (<=1kb)	6	37655880	37664316	-350	ENSG00000112139	MDGA1
NR4A3_Medium	chr6	42445061	42445461	Promoter (5-6kb)	6	42228126	42451261	5800	ENSG00000124496	TRERF1
NR4A3_Medium	chr6	61574072	61574807	Promoter (<=1kb)	6	61574328	61574402	0	NA	MTRNR2L9
NR4A3_Medium	chr6	111082200	111082600	Promoter (4-5kb)	6	111087503	111177706	-4903	ENSG00000112394	SLC16A10
NR4A3_Medium	chr6	157630512	157630912	Promoter (<=1kb)	6	157630314	157673529	198	ENSG00000175048	ZDHHC14
NR4A3_Medium	chr6	166415995	166416395	Promoter (7-8kb)	6	166412296	166423984	7589	ENSG00000071242	RPS6KA2
NR4A3_Medium	chr6	167169335	167169735	Promoter (<=1kb)	6	167170619	167182908	-884	NA	TCP10L2
NR4A3_Medium	chr6	169218853	169219253	Promoter (4-5kb)	6	169217454	169223440	4187	ENSG00000186340	THBS2
NR4A3_Medium	chr6	169236053	169236453	Promoter (<=1kb)	6	169234510	169237412	959	ENSG00000186340	THBS2
NR4A3_Medium	chr7	1578267	1578667	Promoter (7-8kb)	7	1567613	1571005	-7262	ENSG00000157778	PSMG3
NR4A3_Medium	chr7	1618765	1619165	Promoter (4-5kb)	7	1614590	1615325	4175	NA	TFAMP1
NR4A3_Medium	chr7	1938974	1939374	Promoter (1-2kb)	7	1898200	1940549	1175	ENSG00000002822	MAD1L1
NR4A3_Medium	chr7	8152544	8152944	Promoter (4-5kb)	7	8141765	8157764	4820	ENSG00000003147	ICA1
NR4A3_Medium	chr7	27252300	27252700	Promoter (5-6kb)	7	27241429	27247229	-5071	ENSG00000253405	EVX1-AS
NR4A3_Medium	chr7	31077309	31077709	Promoter (9-10kb)	7	31086971	31104899	-9262	ENSG00000078549	ADCYAP1R1
NR4A3_Medium	chr7	43247657	43248057	Promoter (1-2kb)	7	43249137	43311993	-1080	ENSG00000002746	HECW1
NR4A3_Medium	chr7	45077968	45078368	Promoter (3-4kb)	7	45080979	45081400	3032	ENSG00000136274	NACAD
NR4A3_Medium	chr7	47448004	47448404	Promoter (4-5kb)	7	47435282	47453231	4827	ENSG00000136205	TNS3
NR4A3_Medium	chr7	50335229	50335629	Promoter (7-8kb)	7	50327649	50400009	7580	ENSG00000185811	IKZF1
NR4A3_Medium	chr7	54545243	54545643	Promoter (<=1kb)	7	54546161	54569489	-518	ENSG00000170419	VSTM2A
NR4A3_Medium	chr7	57173811	57174211	Promoter (5-6kb)	7	57177409	57180052	5841	NA	GUSBP10
NR4A3_Medium	chr7	57181490	57181890	Promoter (1-2kb)	7	57177409	57180052	-1438	NA	GUSBP10
NR4A3_Medium	chr7	66823235	66823635	Promoter (9-10kb)	7	66815836	66833026	9391	ENSG00000230583	GTF2IRD1P1
NR4A3_Medium	chr7	72870382	72870782	Promoter (<=1kb)	7	72863903	72871581	799	ENSG00000179994	SPDYE7P
NR4A3_Medium	chr7	73428090	73428490	Promoter (5-6kb)	7	73433778	73436120	-5288	ENSG00000188763	FZD9
NR4A3_Medium	chr7	74052576	74052976	Promoter (<=1kb)	7	74052851	74056347	0	ENSG00000049540	ELN
NR4A3_Medium	chr7	74371151	74371551	Promoter (4-5kb)	7	74376070	74381041	-4519	ENSG00000106665	CLIP2
NR4A3_Medium	chr7	76290301	76290701	Promoter (7-8kb)	7	76282614	76287288	7687	ENSG00000177679	SRRM3
NR4A3_Medium	chr7	87209317	87209717	Promoter (6-7kb)	7	87197718	87203043	-6274	ENSG00000135185	TMEM243
NR4A3_Medium	chr7	92423589	92423989	Promoter (9-10kb)	7	92412979	92433431	9442	ENSG00000230927	TMBIM7P
NR4A3_Medium	chr7	100580304	100580704	Promoter (<=1kb)	7	100574660	100580873	169	ENSG00000077454	LRCH4
NR4A3_Medium	chr7	100958503	100958914	Promoter (<=1kb)	7	100957965	100967890	538	ENSG00000169894	MUC3A
NR4A3_Medium	chr7	101556663	101557063	Promoter (3-4kb)	7	101553203	101557633	3460	ENSG00000160963	COL26A1
NR4A3_Medium	chr7</									



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_Medium	chr8	37559341	37559741	Promoter (5-6kb)	8	37450763	37554183	-5158	ENSG00000253414	LINC01605
NR4A3_Medium	chr8	42451989	42452389	Promoter (7-8kb)	8	42439467	42460168	7779	ENSG00000168575	SLC20A2
NR4A3_Medium	chr8	85714528	85714928	Promoter (<=1kb)	8	85714922	85715833	0	ENSG00000277422	REXO1L2P
NR4A3_Medium	chr8	105533989	105534389	Promoter (5-6kb)	8	105528884	105803597	5105	ENSG00000169946	ZFPM2
NR4A3_Medium	chr8	134590583	134590983	Promoter (3-4kb)	8	134512574	134594885	3902	ENSG00000066827	ZFAT
NR4A3_Medium	chr8	142190751	142191151	Promoter (7-8kb)	8	142198356	142209003	-7205	ENSG00000254008	LINC00051
NR4A3_Medium	chr8	142192812	142193212	Promoter (5-6kb)	8	142198356	142209003	-5144	ENSG00000254008	LINC00051
NR4A3_Medium	chr8	142207368	142207768	Promoter (9-10kb)	8	142198356	142209003	9012	ENSG00000254008	LINC00051
NR4A3_Medium	chr8	142469557	142469957	Promoter (5-6kb)	8	142464016	142545006	5541	ENSG00000181790	ADGRB1
NR4A3_Medium	chr8	142481995	142482395	Promoter (2-3kb)	8	142479120	142540020	2875	ENSG00000181790	ADGRB1
NR4A3_Medium	chr8	142744165	142744565	Promoter (1-2kb)	8	142740949	142742406	-1759	ENSG00000126233	SLURP1
NR4A3_Medium	chr8	143296026	143296426	Promoter (4-5kb)	8	143291422	143295812	4604	ENSG00000185730	ZNF696
NR4A3_Medium	chr8	143376743	143377143	Promoter (2-3kb)	8	143379337	143382779	-2194	ENSG00000158106	RHPN1
NR4A3_Medium	chr8	144020353	144020832	Promoter (7-8kb)	8	143985891	144012772	-7581	ENSG00000178685	PARP10
NR4A3_Medium	chr9	38629401	38629801	Promoter (8-9kb)	9	38621088	38624990	8313	NA	FAM201A
NR4A3_Medium	chr9	41229406	41230060	Promoter (3-4kb)	9	41233755	41233835	-3695	ENSG00000276029	MIR4477A
NR4A3_Medium	chr9	61856658	61857058	Promoter (2-3kb)	9	61854216	62076341	2442	ENSG00000231527	FAM27C
NR4A3_Medium	chr9	62799532	62799932	Promoter (1-2kb)	9	62801461	62810186	-1529	ENSG00000238113	LINC01410
NR4A3_Medium	chr9	63823292	63823962	Promoter (3-4kb)	9	63819574	63819654	3718	ENSG00000266017	MIR4477B
NR4A3_Medium	chr9	87869546	87869946	Promoter (9-10kb)	9	87858103	87859599	-9947	NA	LOC392364
NR4A3_Medium	chr9	92803669	92804069	Promoter (5-6kb)	9	92809388	92888693	-5319	ENSG00000187984	ANKRD19P
NR4A3_Medium	chr9	123347598	123347998	Promoter (8-9kb)	9	123356170	123374099	-8172	ENSG00000148204	CRB2
NR4A3_Medium	chr9	127402810	127403210	Promoter (<=1kb)	9	127403278	127405469	-68	ENSG00000136856	SLC2A8
NR4A3_Medium	chr9	127736460	127736860	Promoter (1-2kb)	9	127731844	127735313	-1147	ENSG00000160404	TOR2A
NR4A3_Medium	chr9	130454856	130455256	Promoter (2-3kb)	9	130452223	130471514	2633	ENSG00000130707	ASS1
NR4A3_Medium	chr9	132577218	132577618	Promoter (4-5kb)	9	132582606	132590252	-4988	ENSG00000125492	BARHL1
NR4A3_Medium	chr9	133933879	133934279	Promoter (5-6kb)	9	133925851	133939301	5022	ENSG00000160293	VAV2
NR4A3_Medium	chr9	134826631	134827031	Promoter (1-2kb)	9	134824722	134832876	1909	ENSG00000130635	COL5A1
NR4A3_Medium	chr9	135691324	135691724	Promoter (7-8kb)	9	135693407	135699528	7804	ENSG00000165643	SOHLH1
NR4A3_Medium	chr9	135726778	135727189	Promoter (9-10kb)	9	135736517	135793618	-9328	ENSG00000107147	KCNT1
NR4A3_Medium	chr9	135773916	135774316	Promoter (1-2kb)	9	135772858	135784858	1058	ENSG00000107147	KCNT1
NR4A3_Medium	chr9	135836288	135836688	Promoter (9-10kb)	9	135810423	135826409	-9879	ENSG00000130559	CAMSAP1
NR4A3_Medium	chr9	136309891	136310291	Promoter (2-3kb)	9	136281380	136306901	-2990	ENSG00000260220	CCDC187
NR4A3_Medium	chr9	136818308	136818708	Promoter (2-3kb)	9	136821329	136841187	-2621	ENSG00000196642	RABL6
NR4A3_Medium	chr9	137900850	137901250	Promoter (8-9kb)	9	137867925	137892570	-8280	ENSG00000203987	LOC100133077
NR4A3_Medium	chr10	81156	81556	Promoter (6-7kb)	10	46892	74163	-6993	ENSG00000261456	TUBB8
NR4A3_Medium	chr10	336669	337069	Promoter (7-8kb)	10	324639	329526	-7143	ENSG00000151240	DIP2C
NR4A3_Medium	chr10	1011036	1011436	Promoter (<=1kb)	10	1012400	1017197	-964	ENSG00000107937	GTPBP4
NR4A3_Medium	chr10	1179952	1180352	Promoter (6-7kb)	10	1182845	1186566	6214	ENSG00000185736	ADARB2
NR4A3_Medium	chr10	1209013	1209413	Promoter (8-9kb)	10	1183151	1200385	-8628	ENSG00000185736	ADARB2
NR4A3_Medium	chr10	5497283	5497683	Promoter (1-2kb)	10	5498697	5499570	1887	ENSG00000178372	CALML5
NR4A3_Medium	chr10	5497747	5498147	Promoter (1-2kb)	10	5498697	5499570	1423	ENSG00000178372	CALML5
NR4A3_Medium	chr10	14926377	14926777	Promoter (1-2kb)	10	14919796	14928062	1285	ENSG00000152457	DCLRE1C
NR4A3_Medium	chr10	15149273	15149673	Promoter (5-6kb)	10	15154802	15155320	5647	ENSG00000206448	PPIAP30
NR4A3_Medium	chr10	29695668	29696068	Promoter (9-10kb)	10	29657870	29686640	-9028	ENSG00000197321	SVIL
NR4A3_Medium	chr10	37601125	37601525	Promoter (1-2kb)	10	37601440	37602974	1449	ENSG00000256892	MTRNR2L7
NR4A3_Medium	chr10	46298299	46298699	Promoter (<=1kb)	10	46297404	46310499	895	ENSG00000274209	ANTXRL
NR4A3_Medium	chr10	48809215	48809615	Promoter (6-7kb)	10	48802738	48824169	6477	ENSG00000128815	WDFY4
NR4A3_Medium	chr10	49403333	49403733	Promoter (7-8kb)	10	49366116	49396016	-7317	ENSG00000165606	DRGX
NR4A3_Medium	chr10	49741809	49742209	Promoter (2-3kb)	10	49734646	49739499	-2310	ENSG00000197444	OGDHL
NR4A3_Medium	chr10	79503105	79503505	Promoter (7-8kb)	10	79507694	79510560	7055	ENSG00000235705	LOC729815
NR4A3_Medium	chr10	80658178	80658578	Promoter (8-9kb)	10	80649797	80653732	8381	ENSG00000231082	LINC02655
NR4A3_Medium	chr10	84186421	84186821	Promoter (7-8kb)	10	84194537	84218694	-7716	ENSG00000148600	CDHR1
NR4A3_Medium	chr10	86653794	86654194	Promoter (<=1kb)	10	86654547	86666460	-353	ENSG00000122375	OPN4
NR4A3_Medium	chr10	86654198	86654598	Promoter (<=1kb)	10	86654547	86666460	0	ENSG00000122375	OPN4
NR4A3_Medium	chr10	86961492	86961892	Promoter (2-3kb)	10	86959375	86963258	2117	ENSG00000173267	SNCG
NR4A3_Medium	chr10	97186103	97186503	Promoter (<=1kb)	10	96998038	97185959	-144	ENSG00000187122	SLIT1
NR4A3_Medium	chr10	100057352	100057752	Promoter (7-8kb)	10	100048767	100065394	7642	ENSG00000120054	CPN1
NR4A3_Medium	chr10	103250846	103251246	Promoter (4-5kb)	10	103245887	103248016	4959	ENSG00000235376	RPEL1
NR4A3_Medium	chr10	110816237	110816637	Promoter (6-7kb)	10	110823588	110831513	-6951	ENSG00000203867	RBM20
NR4A3_Medium	chr10	116628366	116628766	Promoter (7-8kb)	10	116621306	116645143	7060	ENSG00000266200	PNLIPRP2
NR4A3_Medium	chr10	122561693	122562093	Promoter (<=1kb)	10	122560771	122643736	922	ENSG00000187908	DMBT1
NR4A3_Medium	chr10	122725069	122725469	Promoter (3-4kb)	10	122729429	122826448	-3960	ENSG00000176584	DMBT1L1
NR4A3_Medium	chr10	123935742	123936255	Promoter (4-5kb)	10	123706207	123940267	4012	ENSG00000121898	CPXM2
NR4A3_Medium	chr10	127739715	127740115	Promoter (2-3kb)	10	127737185	127741183	2530	ENSG00000186766	FOXI2
NR4A3_Medium	chr10	132364276	132364696	Promoter (<=1kb)	10	132365471	132367001	-775	ENSG00000148814	LRRC27
NR4A3_Medium	chr10	132821843	132822243	Promoter (9-10kb)	10	132808443	132812804	-9039	ENSG00000171811	CFAP46
NR4A3_Medium	chr10	132912317	132912717	Promoter (2-3kb)	10	132908348	132910096	-2221	ENSG00000171811	CFAP46
NR4A3_Medium	chr10	133455046	133455446	Promoter (<=1kb)	10	133456237	133523558	-791	ENSG00000214279	SCART1
NR4A3_Medium	chr10	133536654	133537054	Promoter (<=1kb)	10	133537500	133539118	-446	ENSG00000130649	CYP2E1
NR4A3_Medium	chr11	359882	360282	Promoter (9-10kb)	11	369499	382117	-9217	ENSG00000182272	B4GALNT4
NR4A3_Medium	chr11	362875	363275	Promoter (6-7kb)	11	369499	382117	-6224	ENSG00000182272	B4GALNT4
NR4A3_Medium	chr11	1408612	1409012	Promoter (<=1kb)	11	1409400	1442516	-388	ENSG00000174672	BRSK2
NR4A3_Medium	chr11	1742704	1743104	Promoter (5-6kb)	11	1735213	1749102	5998	ENSG00000244242	IFITM10
NR4A3_Medium	chr11	1754292	1754692	Promoter (<=1kb)	11	1753383	1754946	254	ENSG00000117984	CTSD
NR4A3_Medium	chr11	2125849	2126249	Promoter (7-8kb)	11	2134134	2134209	7960	ENSG00000207805	MIR483
NR4A3_Medium	chr11	3131731	3132131	Promoter (2-3kb)	11	3122026	3129329	-2402	ENSG0000021762	OSBPL5
NR4A3_Medium	chr11	17769218	17769618	Promoter (2-3kb)	11	17771938	17853730	-2320	ENSG00000129159	KCNC1
NR4A3_Medium	chr11	32885274	32885674	Promoter (7-8kb)	11	32892820	32980266	-7146	ENSG00000060749	QSER1
NR4A3_Medium	chr11	44941838	44942576	Promoter (<=1kb)	11	44936843	44943191	615	ENSG00000175274	TP5311
NR4A3_Medium	chr11	44978388	44978788	Promoter (4-5kb)	11	44974143	44974905	4245	ENSG00000254654	LINC02685
NR4A3_Medium	chr11	61496816	61497216	Promoter (7-8kb)	11	61489038	61490927	7778	ENSG00000162148	PPP1R32
NR4A3_Medium	chr11	62237551	62237951	Promoter (4-5kb)	11	62242239	62244812	-4288	ENSG00000124935	SCGB1D2
NR4A3_Medium	chr11	63980176	63980576	Promoter (5-6kb)	11	63985853	63998411	-5277	ENSG00000167770	OTUB1
NR4A3_Medium	chr11	65200635	65201035	Promoter (2-3kb)	11	65203372	65206669	-2337	ENSG00000014216	CAPN1
NR4A3_Medium	chr11	66262749	66263149	Promoter (<=1kb)	11	66261930	66263062	819	ENSG00000174996	KLC2
NR4A3_Medium	chr11	67668387	67668787	Promoter (<=1kb)	11	67666157	67667970	-417	ENSG00000132746	ALDH3B2
NR4A3_Medium	chr11	67668892	67669292	Promoter (<=1kb)	11	67666157	67667970	-922	ENSG00000132746	ALDH3B2
NR4A3_Medium	chr11	68816616	68817016	Promoter (1-2kb)	11	68757613	68815503	-1113	ENSG00000110090	CPT1A
NR4A3_Medium	chr11	68930644	68931044	Promoter (<=1kb)	11	68930091	68933398	553	ENSG00000132740	IGHMBP2
NR4A3_Medium	chr11	69016275	69016675	Promoter (2-3kb)	11	69004395	69013382	-2893	ENSG00000172935	MRGPRF
NR4A3_Medium	chr11	69291382	69291782	Promoter (2-3kb)	11	69294151	69341682	-2369	ENSG00000172927	MYEOV
NR4A3_Medium	chr11	69813559	69813959	Promoter (3-4kb)	11	69809990	69817550	3591	ENSG00000186895	FGF3
NR4A3_Medium	chr11	70616767	70617167	Promoter (9-10kb)	11	70626441	7			

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_Medium	chr12	103905721	103906121	Promoter (<=1kb)	12	103892994	103906272	151	ENSG00000214198	TTC41P
NR4A3_Medium	chr12	109808801	109809201	Promoter (5-6kb)	12	109783621	109814796	5595	ENSG00000111199	TRPV4
NR4A3_Medium	chr12	111297099	111297499	Promoter (6-7kb)	12	111304142	111304209	-6643	ENSG00000273700	MIR6760
NR4A3_Medium	chr12	112574554	112574954	Promoter (<=1kb)	12	112575027	112865465	-73	ENSG00000089169	RPH3A
NR4A3_Medium	chr12	116839730	116840130	Promoter (3-4kb)	12	116835997	116852945	3733	ENSG00000135119	RNFT2
NR4A3_Medium	chr12	120994602	120995002	Promoter (1-2kb)	12	120996390	120997882	-1388	ENSG00000135100	HNF1A
NR4A3_Medium	chr12	121811110	121811510	Promoter (6-7kb)	12	121804738	121830239	6372	ENSG00000139718	SETD1B
NR4A3_Medium	chr12	123511487	123511887	Promoter (2-3kb)	12	123472068	123514428	2541	ENSG00000188026	RILPL1
NR4A3_Medium	chr12	124362370	124362770	Promoter (5-6kb)	12	124354837	124356850	-5520	ENSG00000196498	NCOR2
NR4A3_Medium	chr13	18903869	18904269	Promoter (1-2kb)	13	18905419	18908443	-1150	ENSG00000226250	LINC00408
NR4A3_Medium	chr13	57140473	57140873	Promoter (<=1kb)	13	57140918	57143939	-45	ENSG00000234278	PRR20E
NR4A3_Medium	chr13	110043246	110043782	Promoter (9-10kb)	13	110053285	110054952	-9503	ENSG00000231428	LINC00396
NR4A3_Medium	chr13	111590334	111590734	Promoter (5-6kb)	13	111596009	111642079	-5275	ENSG00000215881	LINC02337
NR4A3_Medium	chr13	112872837	112873377	Promoter (<=1kb)	13	112873432	112876094	-55	ENSG00000068650	ATP11A
NR4A3_Medium	chr13	113030949	113031349	Promoter (6-7kb)	13	113024698	113052753	6251	ENSG00000126217	MCF2L
NR4A3_Medium	chr13	113056229	113056747	Promoter (7-8kb)	13	113064312	113070394	-7565	ENSG00000126217	MCF2L
NR4A3_Medium	chr13	113588724	113589124	Promoter (3-4kb)	13	113585426	113633287	3298	ENSG00000198176	TFDP1
NR4A3_Medium	chr13	113774488	113774888	Promoter (6-7kb)	13	113768136	113799857	6352	ENSG00000184497	TMEM255B
NR4A3_Medium	chr13	113796247	113796647	Promoter (3-4kb)	13	113799888	113804890	-3241	ENSG00000184497	TMEM255B
NR4A3_Medium	chr13	113798400	113798800	Promoter (1-2kb)	13	113799888	113804890	-1088	ENSG00000184497	TMEM255B
NR4A3_Medium	chr14	23402794	23403194	Promoter (5-6kb)	14	23381982	23408273	5079	ENSG00000197616	MYH6
NR4A3_Medium	chr14	32484578	32484978	Promoter (9-10kb)	14	32494271	32545455	-9293	ENSG00000151320	AKAP6
NR4A3_Medium	chr14	64211002	64211402	Promoter (1-2kb)	14	64209608	64212866	1394	ENSG00000054654	SYNE2
NR4A3_Medium	chr14	64765894	64766294	Promoter (1-2kb)	14	64767324	64768213	1919	ENSG00000070182	SPTB
NR4A3_Medium	chr14	68898881	68899281	Promoter (8-9kb)	14	68879046	68890142	-8739	ENSG00000072110	ACTN1
NR4A3_Medium	chr14	89360628	89361028	Promoter (9-10kb)	14	89349533	89351321	-9307	ENSG00000053254	FOXN3
NR4A3_Medium	chr14	91112858	91113258	Promoter (<=1kb)	14	91114063	91160369	-805	ENSG00000133943	DGLUCY
NR4A3_Medium	chr14	94590921	94591321	Promoter (<=1kb)	14	94592058	94624646	-737	ENSG00000196136	SERPINA3
NR4A3_Medium	chr14	94651061	94651461	Promoter (9-10kb)	14	94641318	94645026	9743	ENSG00000187483	SERPINA13P
NR4A3_Medium	chr14	100658158	100658558	Promoter (<=1kb)	14	100657358	100667545	800	ENSG00000196273	LINC00523
NR4A3_Medium	chr14	100779039	100779439	Promoter (<=1kb)	14	100779410	100829185	0	ENSG00000214548	MEG3
NR4A3_Medium	chr14	101038160	101038590	Promoter (1-2kb)	14	101039690	101039755	-1100	ENSG00000283279	MIR376C
NR4A3_Medium	chr14	101555618	101556018	Promoter (<=1kb)	14	101552223	101555676	0	ENSG00000258498	DIO3OS
NR4A3_Medium	chr14	102498732	102499132	Promoter (1-2kb)	14	102497539	102498412	1193	ENSG00000196663	TECPR2
NR4A3_Medium	chr14	104859503	104859903	Promoter (5-6kb)	14	104865268	104896747	-5365	ENSG00000099814	CEP170B
NR4A3_Medium	chr14	104890534	104890934	Promoter (2-3kb)	14	104893934	104895059	-3000	ENSG00000099814	CEP170B
NR4A3_Medium	chr15	77699482	77699882	Promoter (2-3kb)	15	77615722	77696495	-2987	ENSG00000169783	LINGO1
NR4A3_Medium	chr15	77810014	77810414	Promoter (9-10kb)	15	77615673	77819452	9038	ENSG00000169783	LINGO1
NR4A3_Medium	chr15	78992874	78993274	Promoter (4-5kb)	15	78991712	78998071	4797	ENSG00000058335	RASGRF1
NR4A3_Medium	chr15	79092268	79092668	Promoter (1-2kb)	15	78959947	79090773	-1495	ENSG00000058335	RASGRF1
NR4A3_Medium	chr15	88251554	88251954	Promoter (<=1kb)	15	88137461	88252622	668	ENSG00000140538	NTRK3
NR4A3_Medium	chr15	88900757	88901395	Promoter (<=1kb)	15	88899298	88901960	565	ENSG00000140545	MFGE8
NR4A3_Medium	chr15	89746107	89746507	Promoter (4-5kb)	15	89749891	89751137	4630	ENSG00000166823	MESP1
NR4A3_Medium	chr15	98000985	98001385	Promoter (1-2kb)	15	98003038	98022009	-1653	ENSG00000258483	LINC02251
NR4A3_Medium	chr16	631943	632343	Promoter (<=1kb)	16	630985	634117	958	ENSG00000127578	WFIKKN1
NR4A3_Medium	chr16	882554	882954	Promoter (4-5kb)	16	870833	887131	4177	ENSG00000103227	LMF1
NR4A3_Medium	chr16	1307527	1307927	Promoter (<=1kb)	16	1308880	1327018	-953	ENSG00000103275	UBE2I
NR4A3_Medium	chr16	6772422	6772822	Promoter (<=1kb)	16	6773809	7710844	-987	ENSG00000078328	RBFOX1
NR4A3_Medium	chr16	10039956	10040356	Promoter (8-9kb)	16	9938153	10031580	-8376	ENSG00000183454	GRIN2A
NR4A3_Medium	chr16	10859201	10859601	Promoter (6-7kb)	16	10866222	10902104	-6621	ENSG00000179583	CIITA
NR4A3_Medium	chr16	23156005	23156405	Promoter (6-7kb)	16	23061406	23149270	-6735	ENSG00000103404	USP31
NR4A3_Medium	chr16	31328480	31328880	Promoter (<=1kb)	16	31329002	31330052	-122	ENSG00000169896	ITGAM
NR4A3_Medium	chr16	33337974	33338374	Promoter (7-8kb)	16	33206431	33330342	-7632	NA	LOC105369266
NR4A3_Medium	chr16	46915617	46916017	Promoter (<=1kb)	16	46915298	46929007	319	ENSG00000166123	GPT2
NR4A3_Medium	chr16	49669386	49669786	Promoter (5-6kb)	16	49490787	49664225	-5161	ENSG00000102935	ZNF423
NR4A3_Medium	chr16	53052954	53053354	Promoter (<=1kb)	16	53035690	53052873	-81	ENSG00000277639	LOC105371267
NR4A3_Medium	chr16	57423006	57423406	Promoter (7-8kb)	16	57429177	57430646	7240	ENSG00000005194	CIAPIN1
NR4A3_Medium	chr16	57569205	57569605	Promoter (5-6kb)	16	57574816	57591681	-5211	ENSG00000159618	ADGRG5
NR4A3_Medium	chr16	57705772	57706315	Promoter (<=1kb)	16	57704907	57707861	865	ENSG00000159625	DRC7
NR4A3_Medium	chr16	57706608	57707008	Promoter (1-2kb)	16	57704907	57707861	1701	ENSG00000159625	DRC7
NR4A3_Medium	chr16	81194415	81194815	Promoter (3-4kb)	16	81170292	81198786	3971	ENSG00000166473	PKD1L2
NR4A3_Medium	chr16	81615036	81615475	Promoter (3-4kb)	16	81611348	81611408	3688	ENSG00000275109	MIR6504
NR4A3_Medium	chr16	86587674	86588074	Promoter (9-10kb)	16	86578506	86582160	9168	ENSG00000176678	FOXL1
NR4A3_Medium	chr16	87221950	87222350	Promoter (9-10kb)	16	87212122	87226430	9828	ENSG00000261095	LOC101928708
NR4A3_Medium	chr16	87701679	87702079	Promoter (6-7kb)	16	87703026	87708387	6308	ENSG00000104731	KLHDC4
NR4A3_Medium	chr16	88192853	88193276	Promoter (1-2kb)	16	88194281	88195217	-1005	ENSG00000260420	LINC02182
NR4A3_Medium	chr16	89278577	89278977	Promoter (3-4kb)	16	89274735	89275118	-3459	ENSG00000167522	ANKRD11
NR4A3_Medium	chr16	89579479	89579879	Promoter (3-4kb)	16	89575782	89583714	3697	ENSG00000178773	CPNE7
NR4A3_Medium	chr17	6069309	6069709	Promoter (<=1kb)	17	6069117	6120738	192	ENSG00000179314	WSCD1
NR4A3_Medium	chr17	7175530	7175930	Promoter (1-2kb)	17	7173558	7177046	1116	ENSG00000141505	ASGR1
NR4A3_Medium	chr17	7192430	7192830	Promoter (<=1kb)	17	7189890	7192235	-195	ENSG00000132535	DLG4
NR4A3_Medium	chr17	8185178	8185578	Promoter (1-2kb)	17	8186945	8187004	-1367	ENSG00000283160	MIR4521
NR4A3_Medium	chr17	9816201	9816601	Promoter (5-6kb)	17	9802386	9822071	5470	ENSG00000214978	GSGL2
NR4A3_Medium	chr17	9816649	9817049	Promoter (5-6kb)	17	9802386	9822071	5022	ENSG00000214978	GSGL2
NR4A3_Medium	chr17	17772834	17773234	Promoter (2-3kb)	17	17759154	17770821	-2013	ENSG00000237328	RAI1-AS1
NR4A3_Medium	chr17	21297687	21298087	Promoter (6-7kb)	17	21291469	21314965	6218	ENSG00000034152	MAP2K3
NR4A3_Medium	chr17	22401570	22401970	Promoter (4-5kb)	17	22406019	22413744	-4049	ENSG00000276399	FLJ36000
NR4A3_Medium	chr17	22521258	22521699	Promoter (1-2kb)	17	22523111	22524663	-1412	ENSG00000256618	MTRNR2L1
NR4A3_Medium	chr17	22522720	22523120	Promoter (<=1kb)	17	22523111	22524663	0	ENSG00000256618	MTRNR2L1
NR4A3_Medium	chr17	28708121	28708521	Promoter (<=1kb)	17	28703714	28707884	-237	ENSG00000167525	PROCA1
NR4A3_Medium	chr17	28913031	28913431	Promoter (<=1kb)	17	28910226	28913094	0	ENSG00000109118	PHF12
NR4A3_Medium	chr17	75921293	75921693	Promoter (1-2kb)	17	75920273	75923473	1780	ENSG00000188878	FBF1
NR4A3_Medium	chr17	76840654	76841287	Promoter (8-9kb)	17	76849840	76861836	-8553	ENSG00000267535	LINC00868
NR4A3_Medium	chr17	77484846	77485246	Promoter (2-3kb)	17	77481913	77488788	2933	ENSG00000184640	SEPTIN9
NR4A3_Medium	chr17	77509268	77509668	Promoter (7-8kb)	17	77516887	77536592	-7219	ENSG00000267665	LOC400622
NR4A3_Medium	chr17	79498490	79498890	Promoter (9-10kb)	17	79094257	79508868	9978	ENSG00000167281	RBFOX3
NR4A3_Medium	chr17	80281409	80281809	Promoter (6-7kb)	17	80287959	80336900	-6150	ENSG00000173821	RNF213
NR4A3_Medium	chr17	81531241	81531641	Promoter (2-3kb)	17	81528532	81537080	2709	ENSG00000186765	FSCN2
NR4A3_Medium	chr17	81535162	81535562	Promoter (<=1kb)	17	81536146	81536956	-584	ENSG00000186765	FSCN2
NR4A3_Medium	chr17	82586195	82586635	Promoter (<=1kb)	17	82586130	82587562	65	ENSG00000141568	FOXK2
NR4A3_Medium	chr18	107976	108404	Promoter (<=1kb)	18	109065	122219	-661	ENSG00000263006	ROCK1P1
NR4A3_Medium	chr18	110212	110614	Promoter (1-2kb)	18	109065	122219	1147	ENSG00000263006	ROCK1P1
NR4A3_Medium	chr18	6953144	6953544	Promoter (1-2kb)	18	6954677	6957419	-1133	ENSG00000265069	LOC101927188
NR4A3_Medium	chr18	10755								



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_Medium	chr19	3529255	3529655	Promoter (2-3kb)	19	3532483	3533748	-2828	ENSG00000105325	FZR1
NR4A3_Medium	chr19	3776483	3776883	Promoter (4-5kb)	19	3769089	3772221	-4262	ENSG00000173976	RAX2
NR4A3_Medium	chr19	3923758	3924158	Promoter (8-9kb)	19	3933103	3942414	-8945	ENSG00000077009	NMRK2
NR4A3_Medium	chr19	4035623	4036023	Promoter (7-8kb)	19	4028461	4028814	7162	ENSG00000105229	PIAS4
NR4A3_Medium	chr19	4227828	4228228	Promoter (1-2kb)	19	4229523	4237528	-1295	ENSG00000105246	EBI3
NR4A3_Medium	chr19	4492522	4493236	Promoter (3-4kb)	19	4496333	4502104	-3097	ENSG00000167674	HDFGL2
NR4A3_Medium	chr19	5019246	5019646	Promoter (2-3kb)	19	5016325	5153105	2921	ENSG00000127663	KDM4B
NR4A3_Medium	chr19	5567048	5567448	Promoter (<=1kb)	19	5561632	5567831	383	ENSG00000223573	TINCR
NR4A3_Medium	chr19	6008286	6008686	Promoter (<=1kb)	19	6002722	6008226	-60	ENSG00000087903	RFX2
NR4A3_Medium	chr19	6131275	6131675	Promoter (3-4kb)	19	6135247	6151797	-3572	ENSG00000130377	ACSBG2
NR4A3_Medium	chr19	6710260	6710660	Promoter (<=1kb)	19	6709756	6710957	297	ENSG00000125730	C3
NR4A3_Medium	chr19	6717422	6717822	Promoter (2-3kb)	19	6677704	6720650	2828	ENSG00000125730	C3
NR4A3_Medium	chr19	7616503	7616903	Promoter (<=1kb)	19	7616406	7617431	97	ENSG00000076826	CAMSAP3
NR4A3_Medium	chr19	8378865	8379265	Promoter (1-2kb)	19	8374421	8377827	-1038	ENSG00000269386	RAB11B-AS1
NR4A3_Medium	chr19	10006852	10007252	Promoter (3-4kb)	19	9959561	10010504	3252	ENSG00000080573	COL5A3
NR4A3_Medium	chr19	10921633	10922033	Promoter (<=1kb)	19	10920667	10921934	966	ENSG00000142453	CARM1
NR4A3_Medium	chr19	11222095	11222495	Promoter (<=1kb)	19	11221986	11222324	0	ENSG00000130158	DOCK6
NR4A3_Medium	chr19	12048740	12049140	Promoter (3-4kb)	19	12043805	12052961	3821	ENSG00000257446	ZNF878
NR4A3_Medium	chr19	12989313	12989713	Promoter (5-6kb)	19	12995608	13096201	-5895	ENSG00000008441	NFIX
NR4A3_Medium	chr19	12990949	12991349	Promoter (4-5kb)	19	12995608	13096201	-4259	ENSG00000008441	NFIX
NR4A3_Medium	chr19	15650577	15650977	Promoter (<=1kb)	19	15649980	15658316	597	ENSG00000186529	CYP4F3
NR4A3_Medium	chr19	15812439	15812839	Promoter (4-5kb)	19	15807003	15808126	-4313	ENSG00000186723	OR10H1
NR4A3_Medium	chr19	16069151	16069551	Promoter (1-2kb)	19	16067733	16102875	1418	ENSG00000167460	TPM4
NR4A3_Medium	chr19	18347191	18347591	Promoter (6-7kb)	19	18340639	18363688	6552	ENSG00000130517	PGPEP1
NR4A3_Medium	chr19	18441979	18442379	Promoter (3-4kb)	19	18444516	18445399	3020	ENSG00000105656	ELL
NR4A3_Medium	chr19	19207472	19207872	Promoter (4-5kb)	19	19201416	19203424	-4048	ENSG00000184162	NR2C2AP
NR4A3_Medium	chr19	19262366	19262766	Promoter (<=1kb)	19	19254756	19262804	38	ENSG00000187664	HAPLN4
NR4A3_Medium	chr19	19621890	19622290	Promoter (3-4kb)	19	19561707	19618693	-3197	ENSG00000105717	PBX4
NR4A3_Medium	chr19	33505690	33506090	Promoter (5-6kb)	19	33462951	33511138	5048	ENSG00000124299	PEPD
NR4A3_Medium	chr19	33506491	33506891	Promoter (4-5kb)	19	33462951	33511138	4247	ENSG00000124299	PEPD
NR4A3_Medium	chr19	35297121	35297521	Promoter (4-5kb)	19	35292161	35313807	4960	ENSG00000105695	MAG
NR4A3_Medium	chr19	35805634	35806034	Promoter (<=1kb)	19	35801793	35806446	412	ENSG00000250799	PRODH2
NR4A3_Medium	chr19	37303249	37303649	Promoter (<=1kb)	19	37235507	37304340	691	NA	LOC284412
NR4A3_Medium	chr19	45341010	45341410	Promoter (<=1kb)	19	45340774	45348892	236	ENSG00000104892	KLC3
NR4A3_Medium	chr19	47405938	47406338	Promoter (2-3kb)	19	47407098	47409152	2814	ENSG00000105419	MEIS3
NR4A3_Medium	chr19	47422931	47423331	Promoter (3-4kb)	19	47403124	47419527	-3404	ENSG00000105419	MEIS3
NR4A3_Medium	chr19	47671710	47672110	Promoter (6-7kb)	19	47678962	47703222	-6852	ENSG00000063169	BICRA
NR4A3_Medium	chr19	50498573	50498973	Promoter (9-10kb)	19	50506446	50508029	9032	ENSG00000161677	JOSD2
NR4A3_Medium	chr19	50552543	50552943	Promoter (1-2kb)	19	50516892	50551042	-1501	ENSG00000131409	LRRC4B
NR4A3_Medium	chr19	50626334	50626734	Promoter (<=1kb)	19	50622420	50626134	-200	ENSG00000213023	SYT3
NR4A3_Medium	chr19	50978590	50978990	Promoter (4-5kb)	19	50976488	50983815	4825	ENSG00000169035	KLK7
NR4A3_Medium	chr19	52298528	52298928	Promoter (1-2kb)	19	52297179	52323680	1349	ENSG00000198464	ZNF480
NR4A3_Medium	chr19	55450509	55450909	Promoter (7-8kb)	19	55428740	55442863	-7646	ENSG00000187902	SHISA7
NR4A3_Medium	chr19	55542519	55542919	Promoter (2-3kb)	19	55544248	55545522	2603	ENSG00000231274	SBK3
NR4A3_Medium	chr19	56149107	56149507	Promoter (3-4kb)	19	56146088	56147142	3019	ENSG00000167685	ZNF444
NR4A3_Medium	chr19	56158891	56159291	Promoter (1-2kb)	19	56157309	56159967	1582	ENSG00000167685	ZNF444
NR4A3_Medium	chr19	58411883	58412283	Promoter (3-4kb)	19	58408777	58417091	3106	ENSG00000171574	ZNF584
NR4A3_Medium	chr20	29407713	29408113	Promoter (8-9kb)	20	29415264	29416911	8798	NA	FRG2EP
NR4A3_Medium	chr20	30283713	30284113	Promoter (5-6kb)	20	30278906	30289205	5092	NA	LINC01597
NR4A3_Medium	chr20	30412789	30413189	Promoter (9-10kb)	20	30403123	30403384	-9405	NA	MLLT10P1
NR4A3_Medium	chr20	32180583	32180983	Promoter (9-10kb)	20	32186477	32190360	9377	ENSG00000235217	TSPY26P
NR4A3_Medium	chr20	33305023	33305423	Promoter (6-7kb)	20	33298713	33307966	6310	ENSG00000125999	BPIFB1
NR4A3_Medium	chr20	44404807	44405207	Promoter (2-3kb)	20	44408120	44408203	-2913	ENSG00000266151	MIR3646
NR4A3_Medium	chr20	46522595	46522995	Promoter (9-10kb)	20	46501062	46513559	-9036	ENSG00000198185	ZNF334
NR4A3_Medium	chr20	57360437	57360837	Promoter (<=1kb)	20	57358447	57359498	-939	ENSG00000256222	MTRNR2L3
NR4A3_Medium	chr20	58694904	58695304	Promoter (<=1kb)	20	58694421	58713580	483	ENSG00000254995	STX16-NPEPL1
NR4A3_Medium	chr20	58830382	58830782	Promoter (8-9kb)	20	58839718	58911192	-8936	ENSG00000087460	GNAS
NR4A3_Medium	chr20	59584140	59584540	Promoter (6-7kb)	20	59577509	59847711	6631	ENSG00000087495	PHACTR3
NR4A3_Medium	chr20	59604539	59604939	Promoter (<=1kb)	20	59604540	59847711	0	ENSG00000087495	PHACTR3
NR4A3_Medium	chr20	60314526	60314926	Promoter (6-7kb)	20	60308474	60308567	6052	ENSG00000207802	MIR646
NR4A3_Medium	chr20	61565062	61565462	Promoter (4-5kb)	20	61570135	61937218	-4673	ENSG00000179242	CDH4
NR4A3_Medium	chr20	61726521	61726921	Promoter (6-7kb)	20	61717506	61719748	-6773	ENSG00000179253	LOC100128310
NR4A3_Medium	chr20	62054774	62055174	Promoter (9-10kb)	20	62012874	62064366	9192	ENSG00000130699	TAF4
NR4A3_Medium	chr20	62169570	62169970	Promoter (6-7kb)	20	62163458	62180284	6112	ENSG00000184402	SS18L1
NR4A3_Medium	chr20	62270797	62271197	Promoter (2-3kb)	20	62273309	62282093	-2112	ENSG00000130703	OSBPL2
NR4A3_Medium	chr20	62397950	62398350	Promoter (1-2kb)	20	62391014	62396331	-1619	ENSG00000149679	CABLES2
NR4A3_Medium	chr20	63257384	63257784	Promoter (2-3kb)	20	63240784	63254463	-2921	ENSG00000101198	NKAIN4
NR4A3_Medium	chr20	63492259	63492722	Promoter (5-6kb)	20	63490081	63498748	5976	ENSG00000101210	EEF1A2
NR4A3_Medium	chr21	8219761	8220221	Promoter (7-8kb)	21	8212572	8212724	7189	ENSG00000276700	RNA5-8SN4
NR4A3_Medium	chr21	36539282	36539682	Promoter (2-3kb)	21	36460621	36542600	2918	ENSG00000159261	CLDN14
NR4A3_Medium	chr21	41179229	41179629	Promoter (1-2kb)	21	41175231	41180818	1189	ENSG00000280109	PLAC4
NR4A3_Medium	chr21	41829779	41830179	Promoter (5-6kb)	21	41821191	41835518	5339	ENSG00000141956	PRDM15
NR4A3_Medium	chr21	41915301	41915701	Promoter (3-4kb)	21	41886673	41919033	3332	ENSG00000157617	C2CD2
NR4A3_Medium	chr21	42410807	42411207	Promoter (6-7kb)	21	42403917	42447530	6890	ENSG00000160185	UBASH3A
NR4A3_Medium	chr21	42691293	42691693	Promoter (5-6kb)	21	42686197	42762139	5096	ENSG00000160191	PDE9A
NR4A3_Medium	chr21	42759391	42759791	Promoter (2-3kb)	21	42762214	42768412	-2423	ENSG00000160191	PDE9A
NR4A3_Medium	chr21	44523685	44524085	Promoter (6-7kb)	21	44517620	44525952	6065	NA	TSPEAR-AS2
NR4A3_Medium	chr21	44539432	44539832	Promoter (<=1kb)	21	44538981	44540195	363	ENSG00000215455	KRTAP10-1
NR4A3_Medium	chr21	45529817	45530217	Promoter (1-2kb)	21	45493572	45531541	1324	ENSG00000173638	SLC19A1
NR4A3_Medium	chr21	45636211	45636611	Promoter (7-8kb)	21	45643694	45788739	-7083	ENSG00000183570	PCBP3
NR4A3_Medium	chr21	46090838	46091238	Promoter (6-7kb)	21	46098097	46132849	-6859	ENSG00000142173	COL6A2
NR4A3_Medium	chr21	46123697	46124136	Promoter (3-4kb)	21	46120560	46125894	3137	ENSG00000142173	COL6A2
NR4A3_Medium	chr22	17580994	17581394	Promoter (6-7kb)	22	17580314	17588018	6624	NA	LOC101929372
NR4A3_Medium	chr22	19909670	19910070	Promoter (5-6kb)	22	19895016	19915789	5719	ENSG00000184470	TXNRD2
NR4A3_Medium	chr22	19993921	19994321	Promoter (3-4kb)	22	19971228	19990794	-3127	ENSG00000099889	ARVCF
NR4A3_Medium	chr22	20199473	20199873	Promoter (5-6kb)	22	20198729	20204918	5045	ENSG00000249923	LINC02891
NR4A3_Medium	chr22	26160007	26160407	Promoter (9-10kb)	22	26169462	26383596	-9055	ENSG00000100095	SEZ6L
NR4A3_Medium	chr22	27298850	27299250	Promoter (8-9kb)	22	27307802	27317456	-8552	ENSG00000226741	LINC02554
NR4A3_Medium	chr22	29509288	29509688	Promoter (1-2kb)	22	29508329	29511442	1754	ENSG00000100296	THOC5
NR4A3_Medium	chr22	38761749	38762149	Promoter (5-6kb)	22	38745687	38756000	-5749	ENSG00000100242	SUN2
NR4A3_Medium	chr22	39563626	39564026	Promoter (6-7kb)	22	39570753	39684528	-6727	ENSG00000100346	CACNA11
NR4A3_Medium	chr22	39565890	39566290	Promoter (4-5kb)	22	39570753	39684528	-4463	ENSG00000100346	CACNA11
NR4A3_Medium	chr22	42336302	42336702	Promoter (6-7kb)	22	42214847	42343616	6914	ENSG00000100207	TCF20
NR4A3_Medium	chr22	44633574	44633974	Promoter (8-9kb)	22	44606939	44625419	-8155	NA	LINC00229
NR4A3_Medium	chr22	46372191	46372591	Promoter (5-6kb)	22	46372913	46377624	5033		

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr1	2149564	2149964	Promoter (4-5kb)	1	2145387	2185116	4177	ENSG00000067606	PRKCZ
NR4A3_R848	chr1	3016295	3016695	Promoter (4-5kb)	1	3021467	3022903	-4772	ENSG00000169717	ACTRT2
NR4A3_R848	chr1	3025885	3026425	Promoter (4-5kb)	1	3021467	3022903	4418	ENSG00000169717	ACTRT2
NR4A3_R848	chr1	3422085	3422485	Promoter (2-3kb)	1	3424919	3434095	-2434	ENSG00000142611	PRDM16
NR4A3_R848	chr1	3470514	3470914	Promoter (<=1kb)	1	3471607	3474457	-693	ENSG00000130762	ARHGEF16
NR4A3_R848	chr1	3676079	3676479	Promoter (5-6kb)	1	3682366	3733079	-5887	ENSG00000078900	TP73
NR4A3_R848	chr1	3738895	3739295	Promoter (3-4kb)	1	3738075	3742858	3563	ENSG00000227372	TP73-AS1
NR4A3_R848	chr1	4647172	4647572	Promoter (7-8kb)	1	4654609	4792534	-7037	ENSG00000196581	AJAP1
NR4A3_R848	chr1	5869130	5869530	Promoter (<=1kb)	1	5862811	5868375	-755	ENSG00000131697	NPHP4
NR4A3_R848	chr1	5882440	5882840	Promoter (<=1kb)	1	5876879	5882849	9	ENSG00000131697	NPHP4
NR4A3_R848	chr1	6106860	6107260	Promoter (<=1kb)	1	6105081	6106772	-88	ENSG00000116254	CHD5
NR4A3_R848	chr1	6107852	6108252	Promoter (1-2kb)	1	6105081	6106772	-1080	ENSG00000116254	CHD5
NR4A3_R848	chr1	6174754	6175154	Promoter (4-5kb)	1	6105091	6180023	4869	ENSG00000116254	CHD5
NR4A3_R848	chr1	8361313	8361713	Promoter (1-2kb)	1	8355521	8362844	1131	ENSG00000142599	RERE
NR4A3_R848	chr1	9359289	9359689	Promoter (3-4kb)	1	9355707	9367575	3582	ENSG00000171621	SPSB1
NR4A3_R848	chr1	10708726	10709126	Promoter (3-4kb)	1	10704196	10705575	-3151	ENSG00000130940	CASZ1
NR4A3_R848	chr1	11040767	11041167	Promoter (2-3kb)	1	11037693	11043198	2031	ENSG00000009724	MASP2
NR4A3_R848	chr1	11041326	11041726	Promoter (1-2kb)	1	11037693	11043198	1472	ENSG00000009724	MASP2
NR4A3_R848	chr1	11524493	11524893	Promoter (8-9kb)	1	11533676	11537225	-8783	ENSG00000204624	DISP3
NR4A3_R848	chr1	16132676	16133076	Promoter (<=1kb)	1	16133013	16133562	486	ENSG00000142627	EPHA2
NR4A3_R848	chr1	16142931	16143331	Promoter (3-4kb)	1	16134560	16146450	3119	ENSG00000142627	EPHA2
NR4A3_R848	chr1	16476155	16476555	Promoter (6-7kb)	1	16476930	16483341	6786	ENSG00000080947	CROCCP3
NR4A3_R848	chr1	16624056	16624456	Promoter (1-2kb)	1	16618253	16626386	1930	ENSG00000215908	CROCCP2
NR4A3_R848	chr1	16716246	16716646	Promoter (3-4kb)	1	16692280	16720157	3511	NA	ESPNP
NR4A3_R848	chr1	18273030	18273430	Promoter (5-6kb)	1	18278845	18376367	-5415	ENSG00000117154	IGSF21
NR4A3_R848	chr1	18356679	18357347	Promoter (4-5kb)	1	18361367	18378483	-4020	ENSG00000117154	IGSF21
NR4A3_R848	chr1	20290919	20291319	Promoter (<=1kb)	1	20290919	20354251	0	ENSG00000158816	VWA5B1
NR4A3_R848	chr1	20638425	20638825	Promoter (<=1kb)	1	20638129	20651316	296	ENSG00000158828	PINK1
NR4A3_R848	chr1	20703448	20703848	Promoter (5-6kb)	1	20664014	20698439	-5009	ENSG00000117245	KIF17
NR4A3_R848	chr1	21893527	21894027	Promoter (2-3kb)	1	21889816	21896271	2244	ENSG00000142798	HSPG2
NR4A3_R848	chr1	25261339	25261739	Promoter (6-7kb)	1	25253114	25267885	6146	ENSG00000117616	RSRP1
NR4A3_R848	chr1	25768015	25768415	Promoter (3-4kb)	1	25772069	25782700	-3654	ENSG00000117643	MAN1C1
NR4A3_R848	chr1	26918562	26918962	Promoter (2-3kb)	1	26921743	26946871	-2781	ENSG00000090273	NUDC
NR4A3_R848	chr1	27147044	27147444	Promoter (7-8kb)	1	27105451	27154598	7154	ENSG00000090020	SLC9A1
NR4A3_R848	chr1	29282720	29283120	Promoter (<=1kb)	1	29283723	29304040	-603	ENSG00000060656	PTPRU
NR4A3_R848	chr1	31580472	31580872	Promoter (<=1kb)	1	31579753	31585876	719	ENSG00000142910	TINAGL1
NR4A3_R848	chr1	35433866	35434266	Promoter (8-9kb)	1	35442267	35443255	8989	ENSG00000142687	KIAA0319L
NR4A3_R848	chr1	36133069	36133469	Promoter (7-8kb)	1	36136581	36140998	7529	ENSG00000054116	TRAPPC3
NR4A3_R848	chr1	43904693	43905093	Promoter (5-6kb)	1	43899588	43930176	5105	ENSG00000126091	ST3GAL3
NR4A3_R848	chr1	45294357	45294757	Promoter (9-10kb)	1	45303910	45305619	-9153	ENSG00000281912	LINC01144
NR4A3_R848	chr1	53098174	53098574	Promoter (7-8kb)	1	53087184	53090982	-7192	ENSG00000162383	SLC1A7
NR4A3_R848	chr1	62270238	62270638	Promoter (2-3kb)	1	62237544	62272791	2153	ENSG00000132854	KANK4
NR4A3_R848	chr1	64120894	64121294	Promoter (8-9kb)	1	64106828	64112207	-8687	ENSG00000223949	ROR1-AS1
NR4A3_R848	chr1	111998104	111998504	Promoter (7-8kb)	1	111990536	111998842	7568	ENSG00000231437	LINC01750
NR4A3_R848	chr1	113063807	113064207	Promoter (8-9kb)	1	113011687	113073113	8906	ENSG00000238198	LRIG2-DT
NR4A3_R848	chr1	153689878	153690278	Promoter (<=1kb)	1	153689705	153689793	-85	ENSG00000274940	MIR8083
NR4A3_R848	chr1	155093378	155093778	Promoter (7-8kb)	1	155085522	155086923	7856	ENSG00000143590	EFGNA3
NR4A3_R848	chr1	156489958	156490358	Promoter (<=1kb)	1	156466210	156490599	241	ENSG00000116604	MEF2D
NR4A3_R848	chr1	169621016	169621416	Promoter (1-2kb)	1	169588849	169619219	-1797	ENSG00000174175	SELP
NR4A3_R848	chr1	177351827	177352227	Promoter (<=1kb)	1	177351580	177367272	247	ENSG00000224968	LINC01645
NR4A3_R848	chr1	179134937	179135337	Promoter (<=1kb)	1	179131154	179134196	-741	ENSG00000143322	ABL2
NR4A3_R848	chr1	201007381	201007781	Promoter (1-2kb)	1	201001407	201005590	-1791	ENSG00000116852	KIF21B
NR4A3_R848	chr1	203499928	203500328	Promoter (3-4kb)	1	203495970	203499709	3958	ENSG00000188770	OPTC
NR4A3_R848	chr1	204148154	204148554	Promoter (<=1kb)	1	204134548	204147575	-579	ENSG00000143845	ETNK2
NR4A3_R848	chr1	209770723	209771123	Promoter (2-3kb)	1	209768615	209782313	2108	ENSG00000009790	TRAF3IP3
NR4A3_R848	chr1	212427116	212427516	Promoter (5-6kb)	1	212432920	212446379	-5404	ENSG00000117691	NENF
NR4A3_R848	chr1	223744673	223745073	Promoter (2-3kb)	1	223747108	223749476	-2035	ENSG00000162909	CAPN2
NR4A3_R848	chr1	226944622	226945022	Promoter (4-5kb)	1	226940379	226977523	4243	ENSG00000163050	COQ8A
NR4A3_R848	chr1	226977779	226978179	Promoter (<=1kb)	1	226977404	226987544	375	ENSG00000163050	COQ8A
NR4A3_R848	chr1	227942414	227942814	Promoter (<=1kb)	1	227941590	227941683	-731	ENSG00000264483	MIR5008
NR4A3_R848	chr1	228069473	228069873	Promoter (6-7kb)	1	228073909	228076550	6677	ENSG00000276255	LINC02809
NR4A3_R848	chr1	228070772	228071172	Promoter (5-6kb)	1	228073909	228076550	5378	ENSG00000276255	LINC02809
NR4A3_R848	chr1	228072104	228072504	Promoter (4-5kb)	1	228073909	228076550	4046	ENSG00000276255	LINC02809
NR4A3_R848	chr1	228621991	228622569	Promoter (<=1kb)	1	228621447	228621565	-426	ENSG00000199352	RNA5S1
NR4A3_R848	chr1	229535952	229536352	Promoter (4-5kb)	1	229526062	229531902	-4050	ENSG00000135776	ABCB10
NR4A3_R848	chr1	230335488	230335888	Promoter (<=1kb)	1	230323542	230336295	407	ENSG00000177614	PGBD5
NR4A3_R848	chr1	231047347	231047747	Promoter (7-8kb)	1	231018958	231040254	-7093	ENSG00000182118	FAM89A
NR4A3_R848	chr1	233130686	233131086	Promoter (4-5kb)	1	233089851	233135188	4102	ENSG00000135749	PCNX2
NR4A3_R848	chr1	236136731	236137131	Promoter (5-6kb)	1	236142505	236205198	-5374	ENSG00000077585	GPR137B
NR4A3_R848	chr1	236149675	236150075	Promoter (7-8kb)	1	236142544	236180188	7131	ENSG00000077585	GPR137B
NR4A3_R848	chr1	248753196	248753596	Promoter (2-3kb)	1	248739415	248755759	2163	ENSG00000259823	LYPD8
NR4A3_R848	chr2	1679634	1680037	Promoter (3-4kb)	2	1666356	1676578	-3056	ENSG00000130508	PXDN
NR4A3_R848	chr2	1866340	1866976	Promoter (4-5kb)	2	1789241	1861677	-4663	ENSG00000186487	MYT1L
NR4A3_R848	chr2	3283840	3284240	Promoter (1-2kb)	2	3214186	3282826	-1014	ENSG00000032389	EIPR1
NR4A3_R848	chr2	3527633	3528033	Promoter (5-6kb)	2	3531990	3533370	5337	ENSG00000171865	RNASEH1
NR4A3_R848	chr2	3971434	3971834	Promoter (1-2kb)	2	3972846	3973678	1844	ENSG00000237401	LINC01304
NR4A3_R848	chr2	6759997	6760397	Promoter (9-10kb)	2	6729168	6770311	9914	ENSG00000205837	LINC00487
NR4A3_R848	chr2	20664687	20665087	Promoter (2-3kb)	2	20667144	20679243	-2057	ENSG00000143869	GDF7
NR4A3_R848	chr2	26482515	26482915	Promoter (4-5kb)	2	26457203	26478042	-4473	ENSG00000115155	OTOF
NR4A3_R848	chr2	27504946	27505346	Promoter (1-2kb)	2	27506510	27509791	-1164	ENSG00000084734	GCKR
NR4A3_R848	chr2	28962397	28962797	Promoter (5-6kb)	2	28956611	29033520	5786	ENSG00000189350	TOGARAM2
NR4A3_R848	chr2	28990505	28990905	Promoter (9-10kb)	2	28981298	29061373	9207	ENSG00000189350	TOGARAM2
NR4A3_R848	chr2	29216756	29217156	Promoter (6-7kb)	2	29220870	29223394	6238	ENSG00000171094	ALK
NR4A3_R848	chr2	30918484	30918884	Promoter (5-6kb)	2	30910599	30924823	5939	ENSG00000158089	GALNT14
NR4A3_R848	chr2	48353394	48353794	Promoter (7-8kb)	2	48346217	48375565	7177	ENSG00000170802	FOXN2
NR4A3_R848	chr2	67086818	67087218	Promoter (<=1kb)	2	67087013	67257966	0	ENSG00000235885	LOC101927661
NR4A3_R848	chr2	69447517	69447917	Promoter (9-10kb)	2	69396113	69437628	-9889	ENSG00000169599	NFU1
NR4A3_R848	chr2	70189516	70189916	Promoter (<=1kb)	2	70181650	70190699	783	ENSG00000115998	C2orf42
NR4A3_R848	chr2	71577404	71577804	Promoter (<=1kb)	2	71576899	71686763	505	ENSG00000135636	DYSF
NR4A3_R848	chr2	71612945	71613345	Promoter (2-3kb)	2	71610779	71644033	2166	ENSG00000135636	DYSF
NR4A3_R848	chr2	71617529	71617929	Promoter (6-7kb)	2	71610779	71644033	6750	ENSG00000135636	DYSF
NR4A3_R848	chr2	71618233	71618690	Promoter (7-8kb)	2	71610779	71644033	7454	ENSG00000135636	DYSF
NR4A3_R848	chr2	73086856	73087256	Promoter (1-2kb)	2	73081204	73088328	1072	ENSG00000135631	RAB11FIP5
NR4A3_R848	chr2	74330079	74330479	Promoter (1-2kb)	2	74265232				



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr2	174454491	174454891	Promoter (9–10kb)	2	174436306	174445422	-9069	ENSG00000163328	GPR155
NR4A3_R848	chr2	180691578	180691978	Promoter (<=1kb)	2	180692104	180916939	-126	ENSG00000281131	SCHLAP1
NR4A3_R848	chr2	187565296	187565696	Promoter (<=1kb)	2	187496881	187565760	64	ENSG00000003436	TFPI
NR4A3_R848	chr2	217805390	217805790	Promoter (4–5kb)	2	217809714	217810304	4514	ENSG00000079308	TNS1
NR4A3_R848	chr2	217989932	217990567	Promoter (<=1kb)	2	217799795	217991014	447	ENSG00000079308	TNS1
NR4A3_R848	chr2	231005040	231005440	Promoter (2–3kb)	2	231002771	231025055	2269	ENSG00000173699	SPATA3
NR4A3_R848	chr2	232384793	232385193	Promoter (1–2kb)	2	232385750	232387044	1851	ENSG00000244280	ECEL1P2
NR4A3_R848	chr2	232540211	232540611	Promoter (<=1kb)	2	232539748	232545716	463	ENSG00000196811	CHRNA3
NR4A3_R848	chr2	233015034	233015434	Promoter (1–2kb)	2	232878701	233013256	-1778	ENSG00000066248	NGEF
NR4A3_R848	chr2	237516754	237517154	Promoter (<=1kb)	2	237518029	237553991	-875	ENSG00000115648	MLPH
NR4A3_R848	chr2	237578716	237579116	Promoter (<=1kb)	2	237574326	237579570	454	ENSG00000124839	RAB17
NR4A3_R848	chr2	238119137	238119537	Promoter (7–8kb)	2	238127390	238133287	-7853	ENSG00000144488	ESPNL
NR4A3_R848	chr2	238158142	238158542	Promoter (<=1kb)	2	238158970	238168890	-428	ENSG00000178752	ERFE
NR4A3_R848	chr2	238267113	238267513	Promoter (4–5kb)	2	238261441	238262975	-4138	ENSG00000132326	PER2
NR4A3_R848	chr2	239063179	239063579	Promoter (3–4kb)	2	239053046	239066981	3402	ENSG00000068024	HDAC4
NR4A3_R848	chr2	239084502	239084902	Promoter (1–2kb)	2	239085827	239085926	1024	ENSG00000264810	MIR4441
NR4A3_R848	chr2	239346423	239346823	Promoter (4–5kb)	2	239351724	239351804	4981	ENSG00000264292	MIR2467
NR4A3_R848	chr2	240147416	240147816	Promoter (2–3kb)	2	240139026	240144562	-2854	ENSG00000178602	OTOS
NR4A3_R848	chr2	240468671	240469071	Promoter (3–4kb)	2	240465527	240466793	3144	ENSG00000063660	GPC1
NR4A3_R848	chr2	240527178	240527578	Promoter (<=1kb)	2	240521939	240527881	303	ENSG00000144504	ANKMY1
NR4A3_R848	chr2	240702526	240702926	Promoter (5–6kb)	2	240696975	240698478	5551	ENSG00000184945	AQP12A
NR4A3_R848	chr2	241052308	241052708	Promoter (1–2kb)	2	241051277	241052394	1031	ENSG00000162804	SNED1
NR4A3_R848	chr2	241073091	241073491	Promoter (1–2kb)	2	241071406	241075605	1685	ENSG00000162804	SNED1
NR4A3_R848	chr2	241187695	241188095	Promoter (<=1kb)	2	241188509	241196168	-414	ENSG00000146205	ANO7
NR4A3_R848	chr2	241203181	241203581	Promoter (4–5kb)	2	241199097	241200178	4084	ENSG00000146205	ANO7
NR4A3_R848	chr2	241516692	241517092	Promoter (6–7kb)	2	241500143	241509730	-6962	ENSG00000115694	STK25
NR4A3_R848	chr2	241769474	241769874	Promoter (6–7kb)	2	241776822	241804287	-6948	ENSG00000154252	GAL3ST2
NR4A3_R848	chr3	10450102	10450502	Promoter (<=1kb)	3	10328203	10449780	-322	ENSG00000157087	ATP2B2
NR4A3_R848	chr3	13614543	13614943	Promoter (<=1kb)	3	13613898	13618993	645	ENSG00000163520	FBLN2
NR4A3_R848	chr3	13617391	13617867	Promoter (3–4kb)	3	13613898	13618993	3493	ENSG00000163520	FBLN2
NR4A3_R848	chr3	14665661	14666061	Promoter (1–2kb)	3	14668002	14671027	-1941	ENSG00000154781	CCDC174
NR4A3_R848	chr3	37830026	37830426	Promoter (4–5kb)	3	37804063	37834699	4273	ENSG00000235257	ITGA9-AS1
NR4A3_R848	chr3	41854733	41855133	Promoter (<=1kb)	3	41800133	41854911	0	ENSG00000168038	ULK4
NR4A3_R848	chr3	42699954	42700354	Promoter (<=1kb)	3	42698224	42701197	843	ENSG0000010282	HHATL
NR4A3_R848	chr3	46863827	46864227	Promoter (<=1kb)	3	46857867	46863483	-344	ENSG00000160808	MYL3
NR4A3_R848	chr3	47240787	47241187	Promoter (9–10kb)	3	47250523	47250626	9439	NA	SNORD13J
NR4A3_R848	chr3	49922474	49922874	Promoter (6–7kb)	3	49907160	49929526	6652	ENSG00000164077	MON1A
NR4A3_R848	chr3	50654271	50654671	Promoter (8–9kb)	3	50646212	50648627	8059	ENSG00000114738	MAPKAPK3
NR4A3_R848	chr3	52518612	52519012	Promoter (<=1kb)	3	52518801	52523476	0	ENSG00000010327	STAB1
NR4A3_R848	chr3	53805741	53806159	Promoter (1–2kb)	3	53807511	53812385	-1352	ENSG00000157388	CACNA1D
NR4A3_R848	chr3	58009683	58010083	Promoter (1–2kb)	3	58008400	58172251	1283	ENSG00000136068	FLNB
NR4A3_R848	chr3	58635516	58635916	Promoter (7–8kb)	3	58567219	58627610	-7906	ENSG00000168309	FAM107A
NR4A3_R848	chr3	71193091	71193491	Promoter (4–5kb)	3	70959247	71198381	4890	ENSG00000114861	FOXP1
NR4A3_R848	chr3	75669084	75669484	Promoter (2–3kb)	3	75672300	75742048	-2816	ENSG00000242516	LINC00960
NR4A3_R848	chr3	123319578	123319978	Promoter (1–2kb)	3	123300251	123318152	-1426	ENSG00000173175	ADCY5
NR4A3_R848	chr3	126556567	126556967	Promoter (1–2kb)	3	126549692	126558932	1959	ENSG00000180697	C3orf22
NR4A3_R848	chr3	126864799	126865551	Promoter (9–10kb)	3	126854864	126949879	9935	ENSG00000159685	CHCHD6
NR4A3_R848	chr3	128469660	128470060	Promoter (2–3kb)	3	128462442	128467248	-2412	ENSG00000179407	DNAJB8
NR4A3_R848	chr3	129516243	129516643	Promoter (3–4kb)	3	129512381	129514820	3862	ENSG00000163913	IFT122
NR4A3_R848	chr3	129517106	129517506	Promoter (4–5kb)	3	129512381	129514820	4725	ENSG00000163913	IFT122
NR4A3_R848	chr3	157071832	157072232	Promoter (9–10kb)	3	157081738	157088547	-9506	ENSG00000241544	LINC02029
NR4A3_R848	chr3	186355292	186355692	Promoter (6–7kb)	3	186149457	186361957	6265	ENSG00000058866	DGKG
NR4A3_R848	chr3	188240152	188240552	Promoter (<=1kb)	3	188239864	188406291	288	ENSG00000145012	LPP
NR4A3_R848	chr3	194024999	194025399	Promoter (1–2kb)	3	194005359	194027231	1832	ENSG00000230102	LINC02028
NR4A3_R848	chr3	194324553	194325009	Promoter (1–2kb)	3	194301199	194322871	-1682	ENSG00000214145	LINC00887
NR4A3_R848	chr3	194326763	194327163	Promoter (3–4kb)	3	194301199	194322871	-3892	ENSG00000214145	LINC00887
NR4A3_R848	chr3	194351740	194352140	Promoter (<=1kb)	3	194339768	194351328	-412	ENSG00000178772	CPN2
NR4A3_R848	chr3	196141872	196142272	Promoter (<=1kb)	3	196142525	196160405	-253	ENSG00000224652	LINC00885
NR4A3_R848	chr4	668305	668705	Promoter (3–4kb)	4	664910	670314	3395	ENSG00000133256	PDE6B
NR4A3_R848	chr4	821908	822308	Promoter (3–4kb)	4	784958	826092	3784	ENSG00000168993	CPLX1
NR4A3_R848	chr4	847554	847954	Promoter (3–4kb)	4	849276	851673	3719	ENSG00000178950	GAK
NR4A3_R848	chr4	1175114	1175514	Promoter (1–2kb)	4	1171381	1173211	-1903	ENSG00000159674	SPON2
NR4A3_R848	chr4	1316809	1317209	Promoter (7–8kb)	4	1309787	1339281	7022	ENSG00000090316	MAEA
NR4A3_R848	chr4	1323798	1324198	Promoter (4–5kb)	4	1329057	1340113	-4859	ENSG00000090316	MAEA
NR4A3_R848	chr4	1324538	1325025	Promoter (4–5kb)	4	1329057	1340113	-4032	ENSG00000090316	MAEA
NR4A3_R848	chr4	1365373	1365773	Promoter (<=1kb)	4	1366077	1386258	-304	ENSG00000163945	UVSSA
NR4A3_R848	chr4	2826252	2826652	Promoter (<=1kb)	4	2826325	2834289	0	ENSG00000087266	SH3BP2
NR4A3_R848	chr4	2922626	2923026	Promoter (3–4kb)	4	2926309	2928291	-3283	ENSG00000087274	ADD1
NR4A3_R848	chr4	3362239	3362639	Promoter (7–8kb)	4	3369879	3439905	-7240	ENSG00000159788	RGS12
NR4A3_R848	chr4	3578333	3578733	Promoter (1–2kb)	4	3576934	3590711	1399	NA	LINC00955
NR4A3_R848	chr4	3677997	3678426	Promoter (<=1kb)	4	3673593	3677855	-142	ENSG00000250632	LINC02171
NR4A3_R848	chr4	6620569	6620969	Promoter (3–4kb)	4	6617448	6618916	3121	ENSG00000013288	MAN2B2
NR4A3_R848	chr4	7724529	7724929	Promoter (9–10kb)	4	7734280	7740720	-9351	ENSG00000184985	SORCS2
NR4A3_R848	chr4	8012626	8013026	Promoter (1–2kb)	4	8007385	8010728	-1898	ENSG00000163995	ABLIM2
NR4A3_R848	chr4	8229439	8229839	Promoter (<=1kb)	4	8229224	8232894	215	ENSG00000125089	SH3TC1
NR4A3_R848	chr4	8587010	8587410	Promoter (4–5kb)	4	8582791	8587750	4219	ENSG00000155269	GPR78
NR4A3_R848	chr4	9368597	9368997	Promoter (<=1kb)	4	9367874	9369070	723	ENSG00000205946	USP17L6P
NR4A3_R848	chr4	26492060	26492460	Promoter (1–2kb)	4	26481396	26490484	-1576	ENSG00000163394	CKAR
NR4A3_R848	chr4	42383907	42384307	Promoter (6–7kb)	4	42281830	42391233	6926	ENSG00000250781	LOC105374428
NR4A3_R848	chr4	87614309	87614709	Promoter (5–6kb)	4	87608529	87616873	5780	ENSG00000152591	DSPP
NR4A3_R848	chr4	112568682	112569082	Promoter (7–8kb)	4	112539429	112561538	-7144	ENSG00000138658	ZGRF1
NR4A3_R848	chr4	121673996	121674396	Promoter (1–2kb)	4	121669312	121672558	-1438	ENSG00000164111	ANXA5
NR4A3_R848	chr4	184220244	184220644	Promoter (<=1kb)	4	184116863	184221230	584	ENSG00000164303	ENPP6
NR4A3_R848	chr4	186252467	186252867	Promoter (1–2kb)	4	186251032	186252163	1435	ENSG00000164344	KLKB1
NR4A3_R848	chr4	186546619	186547019	Promoter (8–9kb)	4	186426546	186555328	8309	ENSG00000251165	F11-AS1
NR4A3_R848	chr5	146178	146578	Promoter (5–6kb)	5	140566	157110	5612	ENSG00000153404	PLEKHG4B
NR4A3_R848	chr5	426162	426562	Promoter (1–2kb)	5	427918	434409	-1356	ENSG00000286169	AHRR
NR4A3_R848	chr5	863836	864236	Promoter (2–3kb)	5	863741	866501	2265	ENSG00000028310	BRD9
NR4A3_R848	chr5	1198333	1198733	Promoter (2–3kb)	5	1201595	1223270	-2862	ENSG00000174358	SLC6A19
NR4A3_R848	chr5	1199210	1199610	Promoter (1–2kb)	5	1201595	1223270	-1985	ENSG00000174358	SLC6A19
NR4A3_R848	chr5	1229434	1229834	Promoter (4–5kb)	5	1225409	1232839	4025	ENSG00000164363	SLC6A18
NR4A3_R848	chr5	6447443	6447843	Promoter (1–2kb)	5	6448859	6496723	-1016	ENSG00000215218	UBE2QL1
NR4A3_R848	chr5	34190830	34191230	Promoter (<=1kb)	5	34190056	34193653	774	NA	LOC646652
NR4A3_R848	chr5	34191662	34192062	Promoter (1–2kb)	5	34190056				

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr5	176800330	176800730	Promoter (9–10kb)	5	176810519	176880898	-9789	ENSG00000113763	UNC5A
NR4A3_R848	chr5	177096696	177097191	Promoter (<=1kb)	5	177097191	177097764	0	ENSG00000160867	FGFR4
NR4A3_R848	chr5	178788847	178789247	Promoter (8–9kb)	5	178767204	178797611	8364	ENSG00000250420	AACSP1
NR4A3_R848	chr5	181045905	181046333	Promoter (2–3kb)	5	181043403	181043484	-2421	ENSG00000277912	MIR8089
NR4A3_R848	chr6	33598502	33598902	Promoter (5–6kb)	6	33586106	33593338	-5164	ENSG00000197251	LINC00336
NR4A3_R848	chr6	34071355	34071755	Promoter (7–8kb)	6	34022138	34063635	-7720	ENSG00000124493	GRM4
NR4A3_R848	chr6	34072873	34073273	Promoter (9–10kb)	6	34022138	34063635	-9238	ENSG00000124493	GRM4
NR4A3_R848	chr6	36338303	36338703	Promoter (1–2kb)	6	36315761	36336888	-1415	ENSG00000189325	BNIP5
NR4A3_R848	chr6	39845181	39845581	Promoter (2–3kb)	6	39848566	39861161	-2985	ENSG00000146122	DAAM2
NR4A3_R848	chr6	40350093	40350493	Promoter (3–4kb)	6	40344344	40346151	-3942	NA	LINC00951
NR4A3_R848	chr6	43294638	43295038	Promoter (<=1kb)	6	43295694	43299520	-656	ENSG00000137204	SLC22A7
NR4A3_R848	chr6	56099214	56099614	Promoter (7–8kb)	6	56056591	56091661	-7553	ENSG00000124749	COL21A1
NR4A3_R848	chr6	61574100	61574510	Promoter (<=1kb)	6	61574328	61574402	0	NA	MTRNR2L9
NR4A3_R848	chr6	111361223	111361623	Promoter (2–3kb)	6	111356668	111358901	-2322	ENSG00000009413	REV3L
NR4A3_R848	chr6	149640888	149641288	Promoter (2–3kb)	6	149594873	149638592	-2296	ENSG00000186625	KATNA1
NR4A3_R848	chr6	152743194	152743594	Promoter (7–8kb)	6	152750797	152759760	-7203	ENSG00000146469	VIP
NR4A3_R848	chr6	159168404	159168804	Promoter (<=1kb)	6	159169400	159272108	-596	ENSG00000164694	FNDC1
NR4A3_R848	chr6	160668695	160669095	Promoter (4–5kb)	6	160531483	160664259	-4436	ENSG00000198670	LPA
NR4A3_R848	chr6	163329136	163329536	Promoter (4–5kb)	6	163306907	163324530	-4606	ENSG00000281692	PACRG-AS1
NR4A3_R848	chr6	166415958	166416382	Promoter (7–8kb)	6	166412296	166423984	7602	ENSG00000071242	RPS6KA2
NR4A3_R848	chr6	166507465	166507865	Promoter (1–2kb)	6	166509354	166509433	1568	ENSG00000222958	MIR1913
NR4A3_R848	chr6	168058131	168058531	Promoter (7–8kb)	6	168055784	168065977	7446	ENSG00000153303	FRMD1
NR4A3_R848	chr6	168659436	168659848	Promoter (6–7kb)	6	168653203	168673445	6233	ENSG00000112562	SMOC2
NR4A3_R848	chr6	169185448	169185848	Promoter (2–3kb)	6	169175277	169182841	-2607	ENSG00000261039	LINC02544
NR4A3_R848	chr6	169218148	169218816	Promoter (3–4kb)	6	169214447	169217790	3701	NA	LOC101929523
NR4A3_R848	chr6	169233466	169233866	Promoter (3–4kb)	6	169234510	169237412	3546	ENSG00000186340	THBS2
NR4A3_R848	chr6	169650092	169650492	Promoter (<=1kb)	6	169457212	169649233	-859	ENSG00000184465	WDR27
NR4A3_R848	chr7	554401	554801	Promoter (7–8kb)	7	561958	565619	-7157	ENSG00000229380	PRKAR1B-AS2
NR4A3_R848	chr7	566214	566614	Promoter (4–5kb)	7	561958	565619	4256	ENSG00000229380	PRKAR1B-AS2
NR4A3_R848	chr7	598037	598437	Promoter (4–5kb)	7	550270	602683	4246	ENSG00000188191	PRKAR1B
NR4A3_R848	chr7	826717	827117	Promoter (3–4kb)	7	830930	842035	-3813	ENSG00000164828	SUN1
NR4A3_R848	chr7	921584	921984	Promoter (<=1kb)	7	899465	920889	-695	ENSG00000105963	ADAP1
NR4A3_R848	chr7	1016813	1017213	Promoter (5–6kb)	7	1022933	1023026	5813	ENSG00000199023	MIR339
NR4A3_R848	chr7	1526287	1526687	Promoter (4–5kb)	7	1530702	1543043	-4015	ENSG00000198517	MAFK
NR4A3_R848	chr7	1618660	1619060	Promoter (4–5kb)	7	1614590	1615325	4070	NA	TFAMP1
NR4A3_R848	chr7	1690498	1690898	Promoter (2–3kb)	7	1688119	1747954	2379	ENSG00000225968	ELFN1
NR4A3_R848	chr7	2102525	2102925	Promoter (4–5kb)	7	2014506	2107708	4783	ENSG00000002822	MAD1L1
NR4A3_R848	chr7	2318954	2319354	Promoter (4–5kb)	7	2274960	2314441	-4513	ENSG00000106266	SNX8
NR4A3_R848	chr7	2514479	2514879	Promoter (1–2kb)	7	2512529	2528427	1950	ENSG00000106003	LFNG
NR4A3_R848	chr7	2912726	2913126	Promoter (9–10kb)	7	2917290	2923040	9914	ENSG00000198286	CARD11
NR4A3_R848	chr7	6275341	6275741	Promoter (2–3kb)	7	6187064	6272644	-2697	ENSG00000008256	CYTH3
NR4A3_R848	chr7	6651221	6651621	Promoter (9–10kb)	7	6641885	6644565	9336	ENSG00000205903	ZNF316
NR4A3_R848	chr7	6776765	6777165	Promoter (5–6kb)	7	6771183	6773414	5582	ENSG00000155026	RSPH10B
NR4A3_R848	chr7	31077221	31077621	Promoter (9–10kb)	7	31086971	31104899	-9350	ENSG00000078549	ADCYAP1R1
NR4A3_R848	chr7	44328359	44328759	Promoter (2–3kb)	7	44247129	44326167	-2192	ENSG00000058404	CAMK2B
NR4A3_R848	chr7	50713416	50713851	Promoter (8–9kb)	7	50590063	50705301	-8115	ENSG00000106070	GRB10
NR4A3_R848	chr7	57181764	57182164	Promoter (1–2kb)	7	57177409	57180052	-1712	NA	GUSBP10
NR4A3_R848	chr7	66355297	66355697	Promoter (2–3kb)	7	66352504	66420543	2793	ENSG00000169902	TPST1
NR4A3_R848	chr7	73428076	73428476	Promoter (5–6kb)	7	73433778	73436120	-5302	ENSG00000188763	FZD9
NR4A3_R848	chr7	74049409	74049809	Promoter (2–3kb)	7	74052294	74056365	-2485	ENSG00000049540	ELN
NR4A3_R848	chr7	74053668	74054068	Promoter (<=1kb)	7	74052851	74056347	817	ENSG00000049540	ELN
NR4A3_R848	chr7	75937210	75937610	Promoter (6–7kb)	7	75943782	75943916	-6172	ENSG00000201643	SNORA14A
NR4A3_R848	chr7	87209199	87209599	Promoter (6–7kb)	7	87197718	87203043	-6156	ENSG00000135185	TMEM243
NR4A3_R848	chr7	92167563	92167963	Promoter (2–3kb)	7	92144884	92165276	-2287	ENSG00000240720	LRRD1
NR4A3_R848	chr7	98242564	98243086	Promoter (<=1kb)	7	98238504	98243574	488	ENSG00000205356	TECPR1
NR4A3_R848	chr7	99401992	99402392	Promoter (2–3kb)	7	99403317	99404942	2550	ENSG00000106244	PDAP1
NR4A3_R848	chr7	99426016	99426416	Promoter (8–9kb)	7	99429098	99435019	8603	ENSG00000106246	PTCD1
NR4A3_R848	chr7	100457447	100457847	Promoter (6–7kb)	7	100456924	100463873	6026	ENSG00000185955	C7orf61
NR4A3_R848	chr7	100567482	100567882	Promoter (5–6kb)	7	100572317	100573066	5184	ENSG00000205307	SAP25
NR4A3_R848	chr7	100958483	100958923	Promoter (<=1kb)	7	100957965	100967890	518	ENSG00000169894	MUC3A
NR4A3_R848	chr7	100971280	100971680	Promoter (1–2kb)	7	100969623	101018949	1657	ENSG00000205277	MUC12
NR4A3_R848	chr7	102512732	102513132	Promoter (4–5kb)	7	102483562	102517755	4623	ENSG00000170667	RASA4B
NR4A3_R848	chr7	127259492	127259892	Promoter (6–7kb)	7	126438598	127253294	-6198	ENSG00000179603	GRM8
NR4A3_R848	chr7	139522217	139522617	Promoter (1–2kb)	7	139523685	139544985	-1068	ENSG00000236279	CLEC2L
NR4A3_R848	chr7	143230624	143231024	Promoter (8–9kb)	7	143222037	143223079	8587	ENSG00000221937	TAS2R40
NR4A3_R848	chr7	154882949	154883488	Promoter (<=1kb)	7	154883568	154891230	-80	ENSG00000130226	DPP6
NR4A3_R848	chr7	156449212	156449612	Promoter (3–4kb)	7	156436980	156445588	-3624	NA	LOC285889
NR4A3_R848	chr7	157461213	157461613	Promoter (4–5kb)	7	157466231	157499716	-4618	ENSG00000234210	LOC101927914
NR4A3_R848	chr7	159106285	159106685	Promoter (9–10kb)	7	159030455	159097204	-9081	ENSG00000106018	VIPR2
NR4A3_R848	chr8	696677	697077	Promoter (9–10kb)	8	673844	686724	-9953	ENSG00000104714	ERICH1
NR4A3_R848	chr8	22068408	22068808	Promoter (1–2kb)	8	22066516	22069060	1892	ENSG00000158856	DMTN
NR4A3_R848	chr8	23703557	23703957	Promoter (2–3kb)	8	23702451	23706598	2641	ENSG00000180053	NKX2-6
NR4A3_R848	chr8	27265527	27265927	Promoter (7–8kb)	8	27236475	27258420	-7107	ENSG00000015592	STMN4
NR4A3_R848	chr8	37518082	37518482	Promoter (<=1kb)	8	37516407	37517728	-354	ENSG00000253414	LINC01605
NR4A3_R848	chr8	37559185	37559585	Promoter (5–6kb)	8	37450763	37554183	-5002	ENSG00000253414	LINC01605
NR4A3_R848	chr8	48626182	48626582	Promoter (5–6kb)	8	48620465	48623895	5717	ENSG00000253455	LOC101929217
NR4A3_R848	chr8	48726451	48726851	Promoter (2–3kb)	8	48713634	48729789	2938	ENSG00000034239	EFCAB1
NR4A3_R848	chr8	56310184	56310584	Promoter (9–10kb)	8	56300010	56320175	9591	ENSG00000170786	SDR16C5
NR4A3_R848	chr8	85714534	85714934	Promoter (<=1kb)	8	85714922	85715833	0	ENSG00000277422	REXO1L2P
NR4A3_R848	chr8	92026809	92027209	Promoter (7–8kb)	8	92005231	92019175	-7634	ENSG00000079102	RUNX1T1
NR4A3_R848	chr8	97767922	97768322	Promoter (6–7kb)	8	97775057	97852598	-6735	ENSG00000104341	LAPTM4B
NR4A3_R848	chr8	123659752	123660152	Promoter (6–7kb)	8	123645527	123652950	-6802	ENSG00000175946	KLHL38
NR4A3_R848	chr8	134590589	134590989	Promoter (3–4kb)	8	134512574	134594885	3896	ENSG00000066827	ZFAT
NR4A3_R848	chr8	138882794	138883194	Promoter (<=1kb)	8	138588897	138883211	17	ENSG00000169436	COL22A1
NR4A3_R848	chr8	139872070	139872470	Promoter (8–9kb)	8	139730996	139881295	8825	ENSG00000167632	TRAPPC9
NR4A3_R848	chr8	140272022	140272422	Promoter (3–4kb)	8	140252571	140275753	3331	ENSG00000167632	TRAPPC9
NR4A3_R848	chr8	142192670	142193160	Promoter (5–6kb)	8	142198356	142209003	-5196	ENSG00000254008	LINC00051
NR4A3_R848	chr8	142207160	142207804	Promoter (8–9kb)	8	142198356	142209003	8804	ENSG00000254008	LINC00051
NR4A3_R848	chr8	142272283	142272683	Promoter (7–8kb)	8	142271567	142279997	7314	ENSG00000171045	TSNARE1
NR4A3_R848	chr8	142285152	142285552	Promoter (5–6kb)	8	142271567	142279997	-5155	ENSG00000171045	TSNARE1
NR4A3_R848	chr8	142469037	142469437	Promoter (5–6kb)	8	142464016	142450006	5021	ENSG00000181790	ADGRB1
NR4A3_R848	chr8	142744362	142744762	Promoter (1–2kb)	8	142740949	142742406	-1956	ENSG00000126233	SLURP1
NR4A3_R848	chr8	142751290	142751690	Promoter (<=1kb)	8	142750150	142752532	842	ENSG00000197353	LYPD2
NR4A3_R848	chr8	143296831	143297231							



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr9	92160503	92160903	Promoter (7-8kb)	9	92152594	92158488	7909	NA	LINC00475
NR4A3_R848	chr9	92803788	92804188	Promoter (5-6kb)	9	92809388	92888693	-5200	ENSG00000187984	ANKRD19P
NR4A3_R848	chr9	93136205	93136605	Promoter (1-2kb)	9	93121496	93134251	-1954	ENSG00000131669	NINJ1
NR4A3_R848	chr9	93818354	93818754	Promoter (<=1kb)	9	93819357	93819421	-603	ENSG00000265347	MIR4291
NR4A3_R848	chr9	94555563	94555963	Promoter (<=1kb)	9	94555083	94570916	480	NA	PCAT7
NR4A3_R848	chr9	98393242	98393642	Promoter (4-5kb)	9	98362555	98388887	-4355	ENSG00000136928	GABBR2
NR4A3_R848	chr9	114096074	114096474	Promoter (1-2kb)	9	114093306	114097716	1242	ENSG00000136883	KIF12
NR4A3_R848	chr9	114278165	114278565	Promoter (9-10kb)	9	114268807	114274230	9358	ENSG00000196739	COL27A1
NR4A3_R848	chr9	115143794	115144194	Promoter (1-2kb)	9	115141818	115402644	1976	ENSG00000173077	DELEC1
NR4A3_R848	chr9	121706840	121707240	Promoter (7-8kb)	9	121699370	121785528	7470	ENSG00000136848	DAB2IP
NR4A3_R848	chr9	123347591	123347991	Promoter (8-9kb)	9	123356170	123374099	-8179	ENSG00000148204	CRB2
NR4A3_R848	chr9	126275777	126276177	Promoter (<=1kb)	9	126270121	126275918	0	ENSG00000288537	LOC101929116
NR4A3_R848	chr9	128334076	128334476	Promoter (3-4kb)	9	128330412	128334068	3664	ENSG00000167113	COQ4
NR4A3_R848	chr9	129095110	129095510	Promoter (2-3kb)	9	129095456	129098036	2526	ENSG00000095321	CRAT
NR4A3_R848	chr9	129647823	129648223	Promoter (5-6kb)	9	129634604	129642169	-5654	ENSG00000148331	ASB6
NR4A3_R848	chr9	133930308	133930708	Promoter (8-9kb)	9	133925851	133939301	8593	ENSG00000160293	VAV2
NR4A3_R848	chr9	134653758	134654158	Promoter (<=1kb)	9	134653185	134709227	573	ENSG00000130635	COL5A1
NR4A3_R848	chr9	134727234	134727634	Promoter (3-4kb)	9	134731593	134732669	-3959	ENSG00000130635	COL5A1
NR4A3_R848	chr9	134847496	134847896	Promoter (1-2kb)	9	134849298	134849369	1473	ENSG00000264744	MIR3689C
NR4A3_R848	chr9	135091526	135091926	Promoter (3-4kb)	9	135095060	135119654	-3134	ENSG00000130558	OLFM1
NR4A3_R848	chr9	135551163	135551563	Promoter (5-6kb)	9	135546155	135549946	5008	ENSG00000122136	OBP2A
NR4A3_R848	chr9	135774144	135774544	Promoter (1-2kb)	9	135772858	135784858	1286	ENSG00000107147	KCNT1
NR4A3_R848	chr9	136234566	136234966	Promoter (9-10kb)	9	136211264	136224877	-9689	ENSG00000165661	QSOX2
NR4A3_R848	chr9	136309919	136310319	Promoter (3-4kb)	9	136281380	136306901	-3018	ENSG00000260220	CCDC187
NR4A3_R848	chr9	136316103	136316503	Promoter (8-9kb)	9	136322303	136325218	8715	ENSG00000262075	DKFZP434A062
NR4A3_R848	chr9	136828918	136829318	Promoter (<=1kb)	9	136828472	136837590	446	ENSG00000196642	RABL6
NR4A3_R848	chr9	137465747	137466147	Promoter (<=1kb)	9	137463435	137464820	-927	ENSG00000130653	PNPLA7
NR4A3_R848	chr9	137466676	137467076	Promoter (1-2kb)	9	137463435	137464820	-1856	ENSG00000130653	PNPLA7
NR4A3_R848	chr10	337239	337639	Promoter (7-8kb)	10	324639	329526	-7713	ENSG00000151240	DIP2C
NR4A3_R848	chr10	379880	380280	Promoter (9-10kb)	10	364962	390016	9736	ENSG00000151240	DIP2C
NR4A3_R848	chr10	679502	679902	Promoter (9-10kb)	10	274201	689668	9766	ENSG00000151240	DIP2C
NR4A3_R848	chr10	1232447	1232847	Promoter (7-8kb)	10	1215676	1240530	7683	ENSG00000185736	ADARB2
NR4A3_R848	chr10	5497341	5497741	Promoter (1-2kb)	10	5498697	5499570	1829	ENSG00000178372	CALML5
NR4A3_R848	chr10	5598275	5598675	Promoter (2-3kb)	10	5594991	5596118	-2157	ENSG00000242147	LASTR
NR4A3_R848	chr10	6801516	6801916	Promoter (6-7kb)	10	6794740	6841238	6776	ENSG00000238266	LINC00707
NR4A3_R848	chr10	11885246	11885646	Promoter (9-10kb)	10	11849608	11894700	9054	ENSG00000225778	PROSER2-AS1
NR4A3_R848	chr10	18555453	18555853	Promoter (3-4kb)	10	18546062	18551822	-3631	ENSG00000241058	NSUN6
NR4A3_R848	chr10	23010080	23010480	Promoter (3-4kb)	10	23006735	23008374	3345	ENSG00000165309	ARMC3
NR4A3_R848	chr10	46267497	46267897	Promoter (5-6kb)	10	46233885	46273557	5660	NA	ANTXRPL1
NR4A3_R848	chr10	69338541	69338941	Promoter (<=1kb)	10	69338020	69386791	521	ENSG00000156515	HK1
NR4A3_R848	chr10	80655769	80656169	Promoter (5-6kb)	10	80649797	80653732	5972	ENSG00000231082	LINC02655
NR4A3_R848	chr10	80658074	80658474	Promoter (8-9kb)	10	80649797	80653732	8277	ENSG00000231082	LINC02655
NR4A3_R848	chr10	84186687	84187087	Promoter (7-8kb)	10	84194537	84218694	-7450	ENSG00000148600	CDHR1
NR4A3_R848	chr10	84250097	84250497	Promoter (1-2kb)	10	84248951	84255440	1146	ENSG00000148604	RGR
NR4A3_R848	chr10	86373101	86373501	Promoter (6-7kb)	10	85599552	86366795	-6306	ENSG00000182771	GRID1
NR4A3_R848	chr10	86653885	86654285	Promoter (<=1kb)	10	86654547	86666460	-262	ENSG00000122375	OPN4
NR4A3_R848	chr10	100240616	100241016	Promoter (3-4kb)	10	100237156	100237302	-3314	ENSG00000212464	SNORA12
NR4A3_R848	chr10	101190506	101190906	Promoter (8-9kb)	10	101181683	101194145	8823	ENSG00000237579	LINC01514
NR4A3_R848	chr10	103250841	103251293	Promoter (4-5kb)	10	103245887	103248016	4954	ENSG00000235376	RPEL1
NR4A3_R848	chr10	104035956	104036368	Promoter (1-2kb)	10	104031350	104034130	-1826	ENSG00000065618	COL17A1
NR4A3_R848	chr10	114137867	114138267	Promoter (5-6kb)	10	114131026	114132094	-5773	ENSG00000165813	CCDC186
NR4A3_R848	chr10	119095021	119095421	Promoter (8-9kb)	10	119104086	119105643	-8665	ENSG00000119979	DENND10
NR4A3_R848	chr10	122561601	122562001	Promoter (<=1kb)	10	122560771	122643736	830	ENSG00000187908	DMBT1
NR4A3_R848	chr10	122724687	122725087	Promoter (4-5kb)	10	122729429	122826448	-4342	ENSG00000176584	DMBT1L1
NR4A3_R848	chr10	124598950	124599350	Promoter (5-6kb)	10	124605200	124613425	-5850	ENSG00000107902	LHPP
NR4A3_R848	chr10	124610244	124610644	Promoter (2-3kb)	10	124612833	124613384	-2189	ENSG00000107902	LHPP
NR4A3_R848	chr10	132154828	132155228	Promoter (6-7kb)	10	132161783	132163383	-6555	ENSG00000188385	JAKMIP3
NR4A3_R848	chr10	132364277	132364689	Promoter (<=1kb)	10	132365471	132367001	-782	ENSG00000148814	LRRC27
NR4A3_R848	chr10	132392424	132392824	Promoter (4-5kb)	10	132397168	132417528	-4344	ENSG00000171813	PWWP2B
NR4A3_R848	chr10	132605188	132605588	Promoter (2-3kb)	10	132607926	132777782	-2338	ENSG00000068383	INPP5A
NR4A3_R848	chr10	132774902	132775302	Promoter (9-10kb)	10	132765824	132782405	9078	ENSG00000068383	INPP5A
NR4A3_R848	chr10	132820983	132821383	Promoter (8-9kb)	10	132808443	132812804	-8179	ENSG00000171811	CFAP46
NR4A3_R848	chr10	132822187	132822587	Promoter (9-10kb)	10	132808443	132812804	-9383	ENSG00000171811	CFAP46
NR4A3_R848	chr10	132881914	132882314	Promoter (5-6kb)	10	132872528	132876908	-5006	ENSG00000171811	CFAP46
NR4A3_R848	chr10	132912184	132912584	Promoter (2-3kb)	10	132908348	132910096	-2088	ENSG00000171811	CFAP46
NR4A3_R848	chr11	359935	360335	Promoter (9-10kb)	11	369499	382117	-9164	ENSG00000182272	B4GALNT4
NR4A3_R848	chr11	864329	864729	Promoter (1-2kb)	11	863272	867111	1057	ENSG00000214063	TSPAN4
NR4A3_R848	chr11	881847	882247	Promoter (<=1kb)	11	868399	883178	931	ENSG00000177830	CHID1
NR4A3_R848	chr11	895763	896163	Promoter (6-7kb)	11	882328	902322	6159	ENSG00000177830	CHID1
NR4A3_R848	chr11	1245725	1246125	Promoter (3-4kb)	11	1242261	1249676	3551	ENSG00000255177	MUC5B-AS1
NR4A3_R848	chr11	1251153	1251553	Promoter (1-2kb)	11	1242261	1249676	-1477	ENSG00000255177	MUC5B-AS1
NR4A3_R848	chr11	1408511	1408911	Promoter (<=1kb)	11	1409400	1442516	-489	ENSG00000174672	BRSK2
NR4A3_R848	chr11	1435024	1435424	Promoter (5-6kb)	11	1440799	1461136	-5375	ENSG00000174672	BRSK2
NR4A3_R848	chr11	1742780	1743180	Promoter (5-6kb)	11	1735213	1749102	5922	ENSG00000244242	IFITM10
NR4A3_R848	chr11	1754243	1754643	Promoter (<=1kb)	11	1753383	1754946	303	ENSG00000117984	CTSD
NR4A3_R848	chr11	2126850	2127300	Promoter (6-7kb)	11	2134134	2134209	6909	ENSG00000207805	MIR483
NR4A3_R848	chr11	2306798	2307198	Promoter (<=1kb)	11	2306945	2316187	0	ENSG00000064201	TSPAN32
NR4A3_R848	chr11	2471671	2472071	Promoter (9-10kb)	11	2461887	2527973	9784	ENSG00000053918	KCNQ1
NR4A3_R848	chr11	17495695	17496095	Promoter (<=1kb)	11	17494162	17496913	818	ENSG00000006611	USH1C
NR4A3_R848	chr11	17534930	17535330	Promoter (1-2kb)	11	17522883	17533874	-1056	ENSG00000006611	USH1C
NR4A3_R848	chr11	19932063	19932463	Promoter (<=1kb)	11	19931765	19933719	298	ENSG00000166833	NAV2
NR4A3_R848	chr11	35325614	35326014	Promoter (8-9kb)	11	35265443	35317383	-8231	ENSG00000110436	SLC1A2
NR4A3_R848	chr11	44978151	44978551	Promoter (4-5kb)	11	44974143	44974905	4008	ENSG00000254654	LINC02685
NR4A3_R848	chr11	45094607	45095007	Promoter (<=1kb)	11	45095806	45224908	-799	ENSG00000019485	PRDM11
NR4A3_R848	chr11	47260500	47260900	Promoter (<=1kb)	11	47260397	47268817	103	ENSG00000025434	NR1H3
NR4A3_R848	chr11	57231528	57232155	Promoter (5-6kb)	11	57233593	57237201	5046	ENSG00000134817	APLNR
NR4A3_R848	chr11	61103407	61103807	Promoter (<=1kb)	11	61102509	61119359	898	ENSG00000110448	CD5
NR4A3_R848	chr11	61673935	61674335	Promoter (6-7kb)	11	61680391	61747001	-6056	ENSG00000134780	DAGLA
NR4A3_R848	chr11	63019600	63020000	Promoter (3-4kb)	11	62992824	63015841	-3759	ENSG00000149452	SLC22A8
NR4A3_R848	chr11	63979966	63980366	Promoter (5-6kb)	11	63974620	63988346	5346	ENSG00000167770	OTUB1
NR4A3_R848	chr11	65216388	65216788	Promoter (2-3kb)	11	65213876	65242355	2512	ENSG00000197847	SLC22A20P
NR4A3_R848	chr11	66292862	66293262	Promoter (<=1kb)	11	66291894	66296664	968	ENSG00000179292	TMEM151A
NR4A3_R848	chr11	67670062	67670462	P						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr11	108395482	108395882	Promoter (9–10kb)	11	108331411	108405483	9601	ENSG00000166323	C11orf65
NR4A3_R848	chr11	111358447	111358847	Promoter (<=1kb)	11	111354537	111359406	559	ENSG00000110777	POU2AF1
NR4A3_R848	chr11	112254589	112254989	Promoter (5–6kb)	11	112260265	112261396	-5276	ENSG00000268472	LOC100132686
NR4A3_R848	chr11	112402234	112402634	Promoter (9–10kb)	11	112393174	112624567	9060	ENSG00000254968	LINC02763
NR4A3_R848	chr11	118103169	118103569	Promoter (<=1kb)	11	118102940	118108867	229	ENSG00000137648	TMPRSS4
NR4A3_R848	chr11	118608984	118609384	Promoter (1–2kb)	11	118610427	118627396	-1043	ENSG00000019144	PHLDB1
NR4A3_R848	chr11	118614847	118615247	Promoter (<=1kb)	11	118615585	118627464	-338	ENSG00000019144	PHLDB1
NR4A3_R848	chr11	121108444	121108844	Promoter (5–6kb)	11	121102666	121190806	5778	ENSG00000109927	TECTA
NR4A3_R848	chr11	126437524	126437924	Promoter (2–3kb)	11	126436864	126440818	2894	ENSG00000149571	KIRREL3
NR4A3_R848	chr11	134308168	134308576	Promoter (<=1kb)	11	134307192	134319284	976	ENSG00000166105	GLB1L3
NR4A3_R848	chr11	134740200	134740600	Promoter (4–5kb)	11	134735596	134763810	4604	ENSG00000251226	LINC02714
NR4A3_R848	chr12	49051787	49052187	Promoter (3–4kb)	12	49018975	49055324	3137	ENSG00000167548	KMT2D
NR4A3_R848	chr12	52554381	52554781	Promoter (1–2kb)	12	52543909	52553145	-1236	ENSG00000139648	KRT71
NR4A3_R848	chr12	53737130	53737530	Promoter (9–10kb)	12	53708517	53727745	-9385	ENSG00000012822	CALCOCO1
NR4A3_R848	chr12	54564376	54564776	Promoter (2–3kb)	12	54561501	54579239	2875	ENSG00000123360	PDE1B
NR4A3_R848	chr12	56176525	56176925	Promoter (1–2kb)	12	56174531	56178631	1706	ENSG00000139613	SMARCC2
NR4A3_R848	chr12	56415555	56415955	Promoter (5–6kb)	12	56418290	56421090	5135	ENSG00000111602	TIMELESS
NR4A3_R848	chr12	57191713	57192113	Promoter (2–3kb)	12	57194504	57194576	-2391	ENSG00000221365	MIR1228
NR4A3_R848	chr12	57423657	57424057	Promoter (6–7kb)	12	57310340	57430790	6733	ENSG00000179912	R3HDM2
NR4A3_R848	chr12	69703641	69704041	Promoter (4–5kb)	12	69683239	69699476	-4165	ENSG00000127325	BEST3
NR4A3_R848	chr12	109768199	109768599	Promoter (4–5kb)	12	109734323	109773485	4886	ENSG00000255650	FAM222A-AS1
NR4A3_R848	chr12	109808543	109808943	Promoter (5–6kb)	12	109783621	109814796	5853	ENSG00000111199	TRPV4
NR4A3_R848	chr12	109809307	109809707	Promoter (5–6kb)	12	109783621	109814796	5089	ENSG00000111199	TRPV4
NR4A3_R848	chr12	110930274	110930674	Promoter (3–4kb)	12	110934590	110937451	-3916	ENSG00000185847	LINC01405
NR4A3_R848	chr12	111099988	111100388	Promoter (<=1kb)	12	111099446	111295346	542	ENSG00000111249	CUX2
NR4A3_R848	chr12	112447537	112447937	Promoter (5–6kb)	12	112453329	112457486	-5392	ENSG00000179295	PTPN11
NR4A3_R848	chr12	112574610	112575175	Promoter (<=1kb)	12	112575027	112865465	0	ENSG00000089169	RPH3A
NR4A3_R848	chr12	117321778	117322178	Promoter (8–9kb)	12	117215259	117331074	8896	ENSG00000089250	NOS1
NR4A3_R848	chr12	121750473	121750873	Promoter (1–2kb)	12	121752129	121776158	-1256	ENSG00000188735	TMEM120B
NR4A3_R848	chr12	123074371	123074771	Promoter (1–2kb)	12	123034545	123076095	1324	ENSG00000090975	PITPNM2
NR4A3_R848	chr12	123510787	123511453	Promoter (2–3kb)	12	123472068	123514428	2975	ENSG00000188026	RILPL1
NR4A3_R848	chr12	124430993	124431393	Promoter (<=1kb)	12	124429395	124430641	-352	ENSG00000196498	NCOR2
NR4A3_R848	chr12	124479351	124479751	Promoter (4–5kb)	12	124430641	124483769	4018	ENSG00000196498	NCOR2
NR4A3_R848	chr12	124541277	124541677	Promoter (5–6kb)	12	124324598	124535603	-5674	ENSG00000196498	NCOR2
NR4A3_R848	chr12	124891922	124892322	Promoter (9–10kb)	12	124814964	124882668	-9254	ENSG00000073060	SCARB1
NR4A3_R848	chr12	125089619	125090295	Promoter (<=1kb)	12	125091013	125107154	-718	ENSG00000081760	AACS
NR4A3_R848	chr12	125190114	125190514	Promoter (3–4kb)	12	125186836	125349978	3278	ENSG00000139364	TMEM132B
NR4A3_R848	chr12	130409075	130409475	Promoter (1–2kb)	12	130397310	130407830	-1245	ENSG00000060709	RIMBP2
NR4A3_R848	chr12	131853401	131853801	Promoter (3–4kb)	12	131849835	131851332	3566	ENSG00000198598	MMP17
NR4A3_R848	chr12	131918665	131919065	Promoter (<=1kb)	12	131919241	131921951	-176	ENSG00000177169	ULK1
NR4A3_R848	chr13	24681773	24682173	Promoter (1–2kb)	13	24680577	24712493	1196	ENSG00000075673	ATP12A
NR4A3_R848	chr13	40536065	40536465	Promoter (<=1kb)	13	40458903	40535807	-258	ENSG00000215483	LINC00598
NR4A3_R848	chr13	48967893	48968293	Promoter (7–8kb)	13	48975912	49209779	-7619	ENSG00000102531	FNDC3A
NR4A3_R848	chr13	57172806	57173206	Promoter (5–6kb)	13	57167197	57170218	5609	ENSG00000234278	PRR20E
NR4A3_R848	chr13	110043462	110044115	Promoter (9–10kb)	13	110053285	110054952	-9170	ENSG00000231428	LINC00396
NR4A3_R848	chr13	113056479	113056879	Promoter (7–8kb)	13	113064312	113070394	-7433	ENSG00000126217	MCF2L
NR4A3_R848	chr13	113058657	113059057	Promoter (5–6kb)	13	113064312	113070394	-5255	ENSG00000126217	MCF2L
NR4A3_R848	chr13	113090862	113091262	Promoter (<=1kb)	13	113090969	113094859	0	ENSG00000126217	MCF2L
NR4A3_R848	chr13	113108995	113109395	Promoter (<=1kb)	13	113110340	113116835	-945	ENSG00000057593	F7
NR4A3_R848	chr13	113774486	113774886	Promoter (6–7kb)	13	113768136	113799857	6350	ENSG00000184497	TMEM255B
NR4A3_R848	chr13	113798466	113798866	Promoter (1–2kb)	13	113799888	113804890	-1022	ENSG00000184497	TMEM255B
NR4A3_R848	chr14	32484373	32485033	Promoter (9–10kb)	14	32494271	32545455	-9238	ENSG00000151320	AKAP6
NR4A3_R848	chr14	64559809	64560209	Promoter (9–10kb)	14	64550209	64568447	9600	ENSG00000165807	PPP1R36
NR4A3_R848	chr14	64765731	64766131	Promoter (1–2kb)	14	64749163	64763840	-1891	ENSG00000070182	SPTB
NR4A3_R848	chr14	78242627	78243027	Promoter (<=1kb)	14	78243037	79862445	-10	ENSG00000021645	NRXN3
NR4A3_R848	chr14	89938416	89938816	Promoter (5–6kb)	14	89848433	89932594	-5822	ENSG00000140025	EFCAB11
NR4A3_R848	chr14	91221476	91221876	Promoter (5–6kb)	14	91215857	91224822	5619	ENSG00000133943	DGLUCY
NR4A3_R848	chr14	91292976	91293695	Promoter (1–2kb)	14	91288732	91291071	-1905	ENSG00000015133	CCDC88C
NR4A3_R848	chr14	95660938	95661338	Promoter (1–2kb)	14	95663256	95671850	-1918	NA	TCL6
NR4A3_R848	chr14	96479060	96479460	Promoter (3–4kb)	14	96482982	96488275	-3522	ENSG00000140057	AK7
NR4A3_R848	chr14	100526705	100527105	Promoter (<=1kb)	14	100525946	100529624	759	ENSG00000176473	WDR25
NR4A3_R848	chr14	100895859	100896259	Promoter (<=1kb)	14	100894964	100967053	895	NA	MEG8
NR4A3_R848	chr14	101020217	101020617	Promoter (1–2kb)	14	101022066	101022132	-1449	ENSG00000199088	MIR379
NR4A3_R848	chr14	101130108	101130508	Promoter (9–10kb)	14	101120840	101123545	9268	ENSG00000259004	LINC02285
NR4A3_R848	chr14	101548594	101548994	Promoter (6–7kb)	14	101552223	101555676	6682	ENSG00000258498	DIO3OS
NR4A3_R848	chr14	101550248	101550648	Promoter (5–6kb)	14	101552223	101555676	5012	ENSG00000258498	DIO3OS
NR4A3_R848	chr14	102920424	102920824	Promoter (1–2kb)	14	102922656	102931192	-1832	ENSG00000166126	AMN
NR4A3_R848	chr14	104089761	104090161	Promoter (3–4kb)	14	104093491	104105382	-3330	ENSG00000166183	ASPG
NR4A3_R848	chr14	104685535	104685935	Promoter (3–4kb)	14	104689606	104722535	-3671	ENSG00000203485	INF2
NR4A3_R848	chr14	104822797	104823197	Promoter (1–2kb)	14	104821201	104823718	1596	ENSG00000258701	LINC00638
NR4A3_R848	chr14	104824392	104824792	Promoter (3–4kb)	14	104821201	104823718	3191	ENSG00000258701	LINC00638
NR4A3_R848	chr14	104859201	104859601	Promoter (5–6kb)	14	104865268	104896747	-5667	ENSG00000099814	CEP170B
NR4A3_R848	chr14	104860129	104860529	Promoter (4–5kb)	14	104865268	104896747	-4739	ENSG00000099814	CEP170B
NR4A3_R848	chr14	104860703	104861103	Promoter (4–5kb)	14	104865268	104896747	-4165	ENSG00000099814	CEP170B
NR4A3_R848	chr14	105083219	105083619	Promoter (9–10kb)	14	105093609	105095699	-9990	NA	LINC02298
NR4A3_R848	chr14	105295861	105296261	Promoter (4–5kb)	14	105226123	105300468	4207	ENSG00000185024	BRF1
NR4A3_R848	chr14	105496799	105497199	Promoter (<=1kb)	14	105497626	105499229	-427	ENSG00000185347	TEDC1
NR4A3_R848	chr15	25178032	25178432	Promoter (<=1kb)	15	25178738	25178819	-306	ENSG00000200503	SNORD115-5
NR4A3_R848	chr15	28104800	28105200	Promoter (5–6kb)	15	27754875	28099315	-5485	ENSG00000104044	OCA2
NR4A3_R848	chr15	41561990	41562390	Promoter (2–3kb)	15	41564784	41568265	-2394	ENSG00000092445	TYRO3
NR4A3_R848	chr15	59610066	59610466	Promoter (1–2kb)	15	59611783	59622723	-1317	ENSG00000140297	GCNT3
NR4A3_R848	chr15	63925520	63925920	Promoter (<=1kb)	15	63924512	63926074	154	ENSG00000035664	DAPK2
NR4A3_R848	chr15	67052460	67052860	Promoter (6–7kb)	15	66984108	67059253	6393	NA	LOC102723493
NR4A3_R848	chr15	69832058	69832458	Promoter (2–3kb)	15	69835193	69842964	-2735	ENSG00000245750	LINC00593
NR4A3_R848	chr15	72311401	72311801	Promoter (5–6kb)	15	72285905	72306315	-5086	ENSG00000140488	CELF6
NR4A3_R848	chr15	73709044	73709444	Promoter (<=1kb)	15	73709565	73714053	-121	ENSG00000103855	CD276
NR4A3_R848	chr15	74704188	74704588	Promoter (7–8kb)	15	74656020	74696292	-7896	ENSG00000179151	EDC3
NR4A3_R848	chr15	74728069	74728469	Promoter (2–3kb)	15	74719542	74725536	-2533	ENSG00000140465	CYP1A1
NR4A3_R848	chr15	77699486	77699886	Promoter (2–3kb)	15	77615722	77696495	-2991	ENSG00000169783	LINGO1
NR4A3_R848	chr15	78992943	78993343	Promoter (4–5kb)	15	78991712	78998071	4728	ENSG00000058335	RASGRF1
NR4A3_R848	chr15	83019826	83020226	Promoter (8–9kb)	15	83005279	83011641	-8185		



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr16	10859239	10859639	Promoter (6-7kb)	16	10866222	10902104	-6583	ENSG00000179583	CIITA
NR4A3_R848	chr16	19874597	19874997	Promoter (1-2kb)	16	19858498	19872845	-1752	ENSG00000167191	GPRC5B
NR4A3_R848	chr16	28850530	28850930	Promoter (3-4kb)	16	28846689	28874205	3841	ENSG00000178188	SH2B1
NR4A3_R848	chr16	30045350	30045750	Promoter (7-8kb)	16	30035423	30052923	7173	ENSG00000149926	TLCD3B
NR4A3_R848	chr16	33337685	33338342	Promoter (7-8kb)	16	33206431	33330342	-7343	NA	LOC105369266
NR4A3_R848	chr16	33338574	33338974	Promoter (8-9kb)	16	33206431	33330342	-8232	NA	LOC105369266
NR4A3_R848	chr16	33339619	33340019	Promoter (9-10kb)	16	33206431	33330342	-9277	NA	LOC105369266
NR4A3_R848	chr16	46915396	46915796	Promoter (<=1kb)	16	46915298	46929007	98	ENSG00000166123	GPT2
NR4A3_R848	chr16	46915896	46916296	Promoter (<=1kb)	16	46915298	46929007	598	ENSG00000166123	GPT2
NR4A3_R848	chr16	47854645	47855045	Promoter (3-4kb)	16	47858579	47908431	-3534	ENSG00000261231	LINC02133
NR4A3_R848	chr16	50555756	50556156	Promoter (7-8kb)	16	50548396	50649249	7360	ENSG00000140807	NKD1
NR4A3_R848	chr16	57515794	57516194	Promoter (<=1kb)	16	57512387	57516582	388	ENSG00000135736	CCDC102A
NR4A3_R848	chr16	57568787	57569387	Promoter (5-6kb)	16	57574816	57591681	-5429	ENSG00000159618	ADGRG5
NR4A3_R848	chr16	57705344	57705744	Promoter (<=1kb)	16	57704907	57707861	437	ENSG00000159625	DRC7
NR4A3_R848	chr16	57706071	57706471	Promoter (1-2kb)	16	57704907	57707861	1164	ENSG00000159625	DRC7
NR4A3_R848	chr16	57728986	57729386	Promoter (3-4kb)	16	57725474	57731453	3512	ENSG00000159625	DRC7
NR4A3_R848	chr16	57934545	57934945	Promoter (4-5kb)	16	57923113	57939549	4604	ENSG00000070729	CNGB1
NR4A3_R848	chr16	66379770	66380170	Promoter (<=1kb)	16	66379225	66392985	545	ENSG00000179776	CDH5
NR4A3_R848	chr16	67273575	67273975	Promoter (3-4kb)	16	67277510	67289479	-3535	ENSG00000196155	PLEKHG4
NR4A3_R848	chr16	70644634	70645034	Promoter (1-2kb)	16	70646563	70656671	-1529	ENSG00000157368	IL34
NR4A3_R848	chr16	71625194	71625594	Promoter (<=1kb)	16	71626161	71629680	-567	ENSG00000140832	MARVELD3
NR4A3_R848	chr16	79722763	79723163	Promoter (8-9kb)	16	79713847	79799090	8916	ENSG00000260876	LINC01229
NR4A3_R848	chr16	79796382	79796782	Promoter (<=1kb)	16	79796184	79801341	198	ENSG00000260876	LINC01229
NR4A3_R848	chr16	81215573	81215973	Promoter (4-5kb)	16	81101123	81220370	4397	ENSG00000166473	PKD1L2
NR4A3_R848	chr16	81614944	81615344	Promoter (3-4kb)	16	81611348	81611408	3596	ENSG00000275109	MIR6504
NR4A3_R848	chr16	83508056	83508456	Promoter (<=1kb)	16	83508346	83508408	0	ENSG00000263785	MIR3182
NR4A3_R848	chr16	83801665	83802065	Promoter (1-2kb)	16	83789967	83803528	1463	ENSG00000260228	LOC102724163
NR4A3_R848	chr16	84125343	84125743	Promoter (8-9kb)	16	84053763	84116942	-8401	ENSG00000140943	MBTPS1
NR4A3_R848	chr16	86587415	86587815	Promoter (8-9kb)	16	86578506	86582160	8909	ENSG00000176678	FOXL1
NR4A3_R848	chr16	87210119	87210519	Promoter (1-2kb)	16	87212122	87226430	-1603	ENSG00000261095	LOC101928708
NR4A3_R848	chr16	87221941	87222546	Promoter (9-10kb)	16	87212122	87226430	9819	ENSG00000261095	LOC101928708
NR4A3_R848	chr16	87502271	87502671	Promoter (8-9kb)	16	87494187	87515635	8084	ENSG00000288568	LOC101928737
NR4A3_R848	chr16	88192887	88193359	Promoter (<=1kb)	16	88194281	88195217	-922	ENSG00000260420	LINC02182
NR4A3_R848	chr16	89907296	89907696	Promoter (1-2kb)	16	89906157	89918233	1139	ENSG00000141002	TCF25
NR4A3_R848	chr17	3924936	3925336	Promoter (3-4kb)	17	3925047	3928620	3284	ENSG00000074370	ATP2A3
NR4A3_R848	chr17	6436713	6437113	Promoter (1-2kb)	17	6423738	6435199	-1514	ENSG00000129221	AIPL1
NR4A3_R848	chr17	6482854	6483254	Promoter (1-2kb)	17	6455400	6481829	-1025	ENSG00000091622	PITPNM3
NR4A3_R848	chr17	7192129	7192529	Promoter (<=1kb)	17	7189890	7192235	0	ENSG00000132535	DLG4
NR4A3_R848	chr17	9816613	9817013	Promoter (5-6kb)	17	9802386	9822071	5058	ENSG00000214978	GSG1L2
NR4A3_R848	chr17	10846659	10847059	Promoter (8-9kb)	17	10794906	10838094	-8565	ENSG00000263429	TMEM238L
NR4A3_R848	chr17	15465383	15465783	Promoter (1-2kb)	17	15436015	15467621	1838	ENSG00000239704	CDRT4
NR4A3_R848	chr17	16456006	16456533	Promoter (7-8kb)	17	16441577	16448294	-7712	ENSG00000181350	LRRC75A
NR4A3_R848	chr17	17789395	17789795	Promoter (7-8kb)	17	17782132	17795776	7263	ENSG00000108557	RAI1
NR4A3_R848	chr17	17799994	17800394	Promoter (1-2kb)	17	17798384	17804114	1610	ENSG00000108557	RAI1
NR4A3_R848	chr17	20868700	20869100	Promoter (<=1kb)	17	20868547	20932818	153	ENSG00000233098	CCDC144NL-AS1
NR4A3_R848	chr17	21301684	21302084	Promoter (9-10kb)	17	21311687	21314432	-9603	ENSG00000034152	MAP2K3
NR4A3_R848	chr17	21407159	21407559	Promoter (2-3kb)	17	21405136	21417170	2023	ENSG00000184185	KCNJ12
NR4A3_R848	chr17	22091161	22091561	Promoter (<=1kb)	17	22090743	22205151	418	ENSG00000263563	UBBP4
NR4A3_R848	chr17	22401316	22401716	Promoter (4-5kb)	17	22406019	22413744	-4303	ENSG00000276399	FLJ36000
NR4A3_R848	chr17	22521236	22521660	Promoter (1-2kb)	17	22523111	22524663	-1451	ENSG00000256618	MTRNR2L1
NR4A3_R848	chr17	28812985	28813385	Promoter (<=1kb)	17	28757390	28812435	-550	ENSG00000173065	FAM222B
NR4A3_R848	chr17	29755947	29756347	Promoter (5-6kb)	17	29673840	29761390	5043	ENSG00000141298	SSH2
NR4A3_R848	chr17	38892472	38892872	Promoter (2-3kb)	17	38890234	38915129	2238	ENSG00000002834	LASP1
NR4A3_R848	chr17	41632688	41633088	Promoter (1-2kb)	17	41626536	41634106	1018	ENSG00000214514	KRT42P
NR4A3_R848	chr17	41736051	41736451	Promoter (1-2kb)	17	41722640	41734644	-1407	ENSG00000173805	HAP1
NR4A3_R848	chr17	42028060	42028460	Promoter (<=1kb)	17	42025576	42028131	0	ENSG00000187595	ZNF385C
NR4A3_R848	chr17	42221881	42222281	Promoter (4-5kb)	17	42210417	42217871	-4010	ENSG00000173757	STAT5B
NR4A3_R848	chr17	44253630	44254030	Promoter (8-9kb)	17	44260404	44262066	8036	ENSG00000004939	SLC4A1
NR4A3_R848	chr17	47699379	47699779	Promoter (3-4kb)	17	47695685	47711490	3694	ENSG00000198933	TBKBP1
NR4A3_R848	chr17	64411082	64411482	Promoter (2-3kb)	17	64375051	64413776	2294	ENSG00000261371	PECAM1
NR4A3_R848	chr17	74732448	74732848	Promoter (3-4kb)	17	74736598	74746192	-3750	ENSG00000172794	RAB37
NR4A3_R848	chr17	74734721	74735121	Promoter (1-2kb)	17	74736598	74746192	-1477	ENSG00000172794	RAB37
NR4A3_R848	chr17	76947235	76947635	Promoter (<=1kb)	17	76946250	76950393	985	ENSG00000167889	MGAT5B
NR4A3_R848	chr17	77484817	77485217	Promoter (2-3kb)	17	77481913	77488788	2904	ENSG00000184640	SEPTIN9
NR4A3_R848	chr17	77735811	77736211	Promoter (7-8kb)	17	77722872	77728559	-7252	ENSG00000267790	LINC01987
NR4A3_R848	chr17	78477848	78478248	Promoter (5-6kb)	17	78423697	78427274	-5074	ENSG00000187775	DNAH17
NR4A3_R848	chr17	79174069	79174469	Promoter (9-10kb)	17	79115698	79183472	9003	ENSG00000167281	RBFOX3
NR4A3_R848	chr17	79477356	79477756	Promoter (4-5kb)	17	79089345	79482598	4842	ENSG00000167281	RBFOX3
NR4A3_R848	chr17	79699336	79699736	Promoter (7-8kb)	17	79707176	79707249	7513	ENSG00000266665	MIR4739
NR4A3_R848	chr17	80747657	80748057	Promoter (4-5kb)	17	80743287	80966371	4370	ENSG00000141564	RPTOR
NR4A3_R848	chr17	80930132	80930532	Promoter (7-8kb)	17	80922724	80924172	7408	ENSG00000141564	RPTOR
NR4A3_R848	chr17	81078446	81078846	Promoter (4-5kb)	17	81082989	81086464	-4143	ENSG00000175866	BAIAP2
NR4A3_R848	chr17	81170019	81170419	Promoter (3-4kb)	17	81117295	81166221	-3798	ENSG00000181409	AATK
NR4A3_R848	chr17	81249325	81249725	Promoter (1-2kb)	17	81245004	81247635	-1690	ENSG00000157637	SLC38A10
NR4A3_R848	chr17	81457423	81457823	Promoter (1-2kb)	17	81456158	81458361	1265	ENSG00000266074	BAHCC1
NR4A3_R848	chr17	81661384	81661784	Promoter (1-2kb)	17	81650740	81663104	1320	ENSG00000185527	PDE6G
NR4A3_R848	chr17	81985049	81985449	Promoter (6-7kb)	17	81978186	82017406	6863	ENSG00000169696	ASPSCR1
NR4A3_R848	chr17	82148842	82149242	Promoter (2-3kb)	17	82135112	82151606	2364	ENSG00000176155	CCDC57
NR4A3_R848	chr17	82593281	82593681	Promoter (<=1kb)	17	82593400	82601530	0	ENSG00000141564	FOXP2
NR4A3_R848	chr18	107957	108387	Promoter (<=1kb)	18	109065	122219	-678	ENSG00000263006	ROCK1P1
NR4A3_R848	chr18	110202	110613	Promoter (1-2kb)	18	109065	122219	1137	ENSG00000263006	ROCK1P1
NR4A3_R848	chr18	10756043	10756443	Promoter (3-4kb)	18	10759584	10759649	3206	ENSG00000274838	MIR6788
NR4A3_R848	chr18	10756931	10757331	Promoter (2-3kb)	18	10759584	10759649	2318	ENSG00000274838	MIR6788
NR4A3_R848	chr18	12430631	12431031	Promoter (1-2kb)	18	12432897	12437635	-1866	NA	LOC105371998
NR4A3_R848	chr18	14172109	14172509	Promoter (6-7kb)	18	14179097	14185401	-6588	NA	ANKRD20A5P
NR4A3_R848	chr18	23669207	23669607	Promoter (6-7kb)	18	23598926	23662911	-6296	ENSG00000154065	ANKRD29
NR4A3_R848	chr18	26593632	26594032	Promoter (2-3kb)	18	26591467	26591535	-2097	ENSG00000276221	MIR8057
NR4A3_R848	chr18	46557134	46557534	Promoter (<=1kb)	18	46476972	46556769	-365	ENSG00000167210	LOXHD1
NR4A3_R848	chr18	47937906	47938306	Promoter (6-7kb)	18	47833096	47931146	-6760	ENSG00000175387	SMAD2
NR4A3_R848	chr18	49019480	49019880	Promoter (3-4kb)	18	49023703	49048474	-3823	ENSG00000264269	LOC100129878
NR4A3_R848	chr18	62711923	62712323	Promoter (3-4kb)	18	62715541	62980433	-3218	ENSG00000081913	PHLPP1
NR4A3_R848	chr18	77018668	77019068	Promoter (<=1kb)	18	76989979	77017778	-890	ENSG00000197971	MBP
NR4A3_R848	chr18	79865181	79865581	Promoter (1-2kb)						

Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr19	2026405	2026805	Promoter (8-9kb)	19	1993155	2034872	8067	ENSG00000133243	BTBD2
NR4A3_R848	chr19	2103934	2104334	Promoter (5-6kb)	19	2098902	2099588	5032	ENSG00000099840	IZUMO4
NR4A3_R848	chr19	2107597	2107997	Promoter (2-3kb)	19	2102237	2110805	2808	ENSG00000065000	AP3D1
NR4A3_R848	chr19	3235429	3235829	Promoter (9-10kb)	19	3225485	3297016	9944	ENSG00000161082	CELF5
NR4A3_R848	chr19	3310164	3310564	Promoter (3-4kb)	19	3314403	3469217	-3839	ENSG00000141905	NFIC
NR4A3_R848	chr19	3477307	3477855	Promoter (<=1kb)	19	3474407	3478488	633	ENSG00000095932	SMIM24
NR4A3_R848	chr19	3530276	3530676	Promoter (1-2kb)	19	3532483	3533748	-1807	ENSG00000105325	FZR1
NR4A3_R848	chr19	3605285	3605685	Promoter (<=1kb)	19	3594780	3606660	975	ENSG00000066638	TBXA2R
NR4A3_R848	chr19	3666469	3666869	Promoter (<=1kb)	19	3661930	3667344	475	ENSG00000186111	PIP5K1C
NR4A3_R848	chr19	3776509	3776909	Promoter (4-5kb)	19	3769089	3772221	-4288	ENSG00000173976	RAX2
NR4A3_R848	chr19	3867911	3868311	Promoter (<=1kb)	19	3851805	3869015	704	ENSG00000105278	ZFR2
NR4A3_R848	chr19	3923668	3924068	Promoter (9-10kb)	19	3933103	3942414	-9035	ENSG00000077009	NMRK2
NR4A3_R848	chr19	4360247	4360647	Promoter (5-6kb)	19	4354949	4360079	5298	ENSG0000008382	MPND
NR4A3_R848	chr19	4491972	4492372	Promoter (3-4kb)	19	4496333	4502104	-3961	ENSG00000167674	HDGFL2
NR4A3_R848	chr19	4492895	4493472	Promoter (2-3kb)	19	4496333	4502104	-2861	ENSG00000167674	HDGFL2
NR4A3_R848	chr19	4500306	4500706	Promoter (<=1kb)	19	4499629	4501578	677	ENSG00000167674	HDGFL2
NR4A3_R848	chr19	4553032	4553432	Promoter (5-6kb)	19	4542914	4558457	5025	ENSG00000167680	SEMA6B
NR4A3_R848	chr19	5672203	5672603	Promoter (2-3kb)	19	5674947	5691667	-2344	ENSG00000130255	RPL36
NR4A3_R848	chr19	5762399	5762799	Promoter (8-9kb)	19	5753511	5778734	8888	ENSG00000174898	CATSPERD
NR4A3_R848	chr19	5817309	5817709	Promoter (6-7kb)	19	5823802	5828324	-6093	ENSG00000171119	NRTN
NR4A3_R848	chr19	6710093	6710744	Promoter (<=1kb)	19	6709756	6710957	213	ENSG00000125730	C3
NR4A3_R848	chr19	6732171	6732571	Promoter (<=1kb)	19	6730068	6732337	0	ENSG00000125734	GPR108
NR4A3_R848	chr19	7506639	7507039	Promoter (<=1kb)	19	7506795	7508447	0	ENSG00000198723	TEX45
NR4A3_R848	chr19	7640163	7640563	Promoter (<=1kb)	19	7640741	7641913	-178	ENSG00000076944	STXBP2
NR4A3_R848	chr19	7842376	7842776	Promoter (3-4kb)	19	7846543	7863702	-3767	ENSG00000142459	EV15L
NR4A3_R848	chr19	8118055	8118455	Promoter (6-7kb)	19	8110888	8111806	-6249	ENSG00000142449	FBN3
NR4A3_R848	chr19	8304241	8304641	Promoter (3-4kb)	19	8302317	8308271	3630	ENSG00000167775	CD320
NR4A3_R848	chr19	8330152	8330552	Promoter (3-4kb)	19	8332745	8334430	3878	ENSG00000186994	KANK3
NR4A3_R848	chr19	8349727	8350127	Promoter (6-7kb)	19	833217	8343262	-6465	ENSG00000186994	KANK3
NR4A3_R848	chr19	8543711	8544111	Promoter (1-2kb)	19	8544068	8545718	1607	ENSG00000142347	MYO1F
NR4A3_R848	chr19	8867127	8867527	Promoter (<=1kb)	19	8863316	8867014	-113	ENSG00000181143	MUC16
NR4A3_R848	chr19	9604255	9604655	Promoter (9-10kb)	19	9611029	9614280	9625	ENSG00000171469	ZNF561
NR4A3_R848	chr19	9785776	9786176	Promoter (<=1kb)	19	9758547	9785996	0	ENSG00000196605	ZNF846
NR4A3_R848	chr19	10006999	10007399	Promoter (3-4kb)	19	9959561	10010504	3105	ENSG00000080573	COL5A3
NR4A3_R848	chr19	11503944	11504344	Promoter (<=1kb)	19	11496036	11505184	840	ENSG00000161914	ZNF653
NR4A3_R848	chr19	12903433	12903833	Promoter (2-3kb)	19	12899082	12900484	-2949	ENSG00000161860	SYCE2
NR4A3_R848	chr19	12989395	12989814	Promoter (5-6kb)	19	12995608	13096201	-5794	ENSG0000008441	NFIX
NR4A3_R848	chr19	12991322	12991722	Promoter (3-4kb)	19	12995608	13096201	-3886	ENSG0000008441	NFIX
NR4A3_R848	chr19	13633635	13634035	Promoter (<=1kb)	19	13371761	13633025	-610	ENSG00000141837	CACNA1A
NR4A3_R848	chr19	14564407	14564807	Promoter (<=1kb)	19	14564694	14565925	0	ENSG00000099797	TECR
NR4A3_R848	chr19	15243269	15243669	Promoter (9-10kb)	19	15226925	15233435	-9834	ENSG00000105131	EPHX3
NR4A3_R848	chr19	16069490	16069890	Promoter (1-2kb)	19	16067733	16102875	1757	ENSG00000167460	TPM4
NR4A3_R848	chr19	16874871	16875271	Promoter (<=1kb)	19	16875931	16878706	-660	ENSG00000127511	SIN3B
NR4A3_R848	chr19	17218542	17218942	Promoter (2-3kb)	19	17215829	17217670	2713	ENSG00000053501	USE1
NR4A3_R848	chr19	17331742	17332142	Promoter (2-3kb)	19	17333288	17334729	2587	ENSG00000074855	ANO8
NR4A3_R848	chr19	17630856	17631256	Promoter (2-3kb)	19	17626288	17628337	-2519	ENSG00000130477	UNC13A
NR4A3_R848	chr19	17633428	17633828	Promoter (5-6kb)	19	17626288	17628337	-5091	ENSG00000130477	UNC13A
NR4A3_R848	chr19	18441938	18442494	Promoter (2-3kb)	19	18444516	18445399	2905	ENSG00000105656	ELL
NR4A3_R848	chr19	18799451	18799851	Promoter (8-9kb)	19	18782774	18791305	-8146	ENSG00000105664	COMP
NR4A3_R848	chr19	19239310	19239710	Promoter (<=1kb)	19	19238392	19249019	918	ENSG00000130287	NCAN
NR4A3_R848	chr19	19300304	19300704	Promoter (1-2kb)	19	19276513	19302455	1751	ENSG00000105705	SUGP1
NR4A3_R848	chr19	19534146	19534546	Promoter (3-4kb)	19	19538248	19546659	-3702	ENSG00000160161	CILP2
NR4A3_R848	chr19	22416129	22416529	Promoter (5-6kb)	19	22391019	22422346	5817	ENSG00000197360	ZNF98
NR4A3_R848	chr19	32998754	32999154	Promoter (2-3kb)	19	32994022	32996461	-2293	ENSG00000131941	RHPN2
NR4A3_R848	chr19	33506082	33506482	Promoter (4-5kb)	19	33462951	33511138	4656	ENSG00000124299	PEPD
NR4A3_R848	chr19	35105301	35105701	Promoter (<=1kb)	19	35042902	35106275	574	ENSG00000227392	HPN-AS1
NR4A3_R848	chr19	35734648	35735048	Promoter (<=1kb)	19	35735220	35738878	-172	ENSG00000272333	KMT2B
NR4A3_R848	chr19	35886404	35886804	Promoter (7-8kb)	19	35879227	35879791	7177	ENSG00000105290	APLP1
NR4A3_R848	chr19	36024597	36024997	Promoter (1-2kb)	19	36024344	36026225	1228	ENSG00000105270	CLIP3
NR4A3_R848	chr19	36120750	36121150	Promoter (<=1kb)	19	36120482	36125733	268	ENSG00000105254	TBCB
NR4A3_R848	chr19	36135735	36136135	Promoter (3-4kb)	19	36139953	36149912	-3818	ENSG00000126247	CAPNS1
NR4A3_R848	chr19	36212851	36213251	Promoter (<=1kb)	19	36194296	36213392	141	ENSG00000196357	ZNF565
NR4A3_R848	chr19	37303475	37303929	Promoter (<=1kb)	19	37235507	37304340	411	NA	LOC284412
NR4A3_R848	chr19	38196107	38196507	Promoter (7-8kb)	19	38203692	38206390	-7185	ENSG00000105738	SIPA1L3
NR4A3_R848	chr19	41089596	41089996	Promoter (1-2kb)	19	41088451	41096195	1145	ENSG00000197838	CYP2A13
NR4A3_R848	chr19	41845185	41845585	Promoter (<=1kb)	19	41845325	41848832	0	ENSG00000142025	DMRTC2
NR4A3_R848	chr19	41918433	41918833	Promoter (4-5kb)	19	41923094	41930127	-4261	ENSG00000076928	LOC100505585
NR4A3_R848	chr19	44410640	44411040	Promoter (9-10kb)	19	44329695	44401608	-9032	ENSG00000062370	ZNF112
NR4A3_R848	chr19	45265454	45265854	Promoter (<=1kb)	19	45264687	45288552	767	ENSG0000007047	MARK4
NR4A3_R848	chr19	45894010	45894410	Promoter (7-8kb)	19	45883608	45886141	-7869	ENSG00000170604	IRF2BP1
NR4A3_R848	chr19	45912679	45913079	Promoter (1-2kb)	19	45913214	45914778	1699	ENSG00000188425	NANOS2
NR4A3_R848	chr19	47115786	47116186	Promoter (2-3kb)	19	47064187	47113776	-2010	ENSG00000130749	ZC3H4
NR4A3_R848	chr19	48023396	48023796	Promoter (3-4kb)	19	48019805	48025148	3591	ENSG00000169393	ELSPBP1
NR4A3_R848	chr19	48067791	48068191	Promoter (<=1kb)	19	48054890	48067931	0	ENSG00000105499	PLA2G4C
NR4A3_R848	chr19	48342109	48342514	Promoter (<=1kb)	19	48333276	48342991	477	ENSG00000161558	TMEM143
NR4A3_R848	chr19	48649713	48650113	Promoter (3-4kb)	19	48637946	48646187	-3526	ENSG00000063180	CA11
NR4A3_R848	chr19	48821918	48822318	Promoter (6-7kb)	19	48813018	48815072	-6846	ENSG00000087076	HSD17B14
NR4A3_R848	chr19	48903544	48903944	Promoter (2-3kb)	19	48900798	48919259	2746	ENSG00000104805	NUCB1
NR4A3_R848	chr19	49068571	49068971	Promoter (3-4kb)	19	49055793	49065076	-3495	ENSG00000225950	NTF4
NR4A3_R848	chr19	49129531	49129931	Promoter (<=1kb)	19	49128580	49130599	951	ENSG00000177380	PPFIA3
NR4A3_R848	chr19	49140635	49141035	Promoter (1-2kb)	19	49142984	49151026	-1949	ENSG00000177380	PPFIA3
NR4A3_R848	chr19	49166286	49166686	Promoter (<=1kb)	19	49167644	49168337	-958	ENSG00000130529	TRPM4
NR4A3_R848	chr19	49181834	49182234	Promoter (<=1kb)	19	49182526	49211836	-292	ENSG00000130529	TRPM4
NR4A3_R848	chr19	49360980	49361380	Promoter (<=1kb)	19	49340595	49361495	115	ENSG00000074219	TEAD2
NR4A3_R848	chr19	50169205	50169744	Promoter (6-7kb)	19	50152548	50163195	-6010	ENSG00000161652	IZUMO2
NR4A3_R848	chr19	50399887	50400287	Promoter (2-3kb)	19	50403212	50414889	-2925	ENSG00000062822	POLD1
NR4A3_R848	chr19	50498662	50499062	Promoter (8-9kb)	19	50506446	50508029	8967	ENSG00000161677	JOSD2
NR4A3_R848	chr19	50566791	50567191	Promoter (<=1kb)	19	50516892	50568045	854	ENSG00000131409	LRRC4B
NR4A3_R848	chr19	50568797	50569197	Promoter (<=1kb)	19	50516892	50568435	-362	ENSG00000131409	LRRC4B
NR4A3_R848	chr19	50626073	50626473	Promoter (<=1kb)	19	50622420	50626134	0	ENSG00000213023	SYT3
NR4A3_R848	chr19	50644478	50644878	Promoter (4-5kb)	19	50649445	50659306	-4567	ENSG00000235034	C19orf81
NR4A3_R848	chr19	50981015	50981748	Promoter (2-3kb)	19	50976488	50983815	2067	ENSG00000169035	KLK7
NR4A3_R848	chr19	51083100	51083500	Promoter (<=1kb)	19	51077969	51082886	-214	ENSG00000129437	KLK14
NR4A3_R848	chr19	51319787	51320187	Promoter (7-8kb)	19	51311848	51330354			



Condition	peakChr	peakStart	peakEnd	annotation	geneChr	geneStart	geneEnd	distanceToTSS	geneID	geneSymbol
NR4A3_R848	chr20	25220163	25220563	Promoter (1-2kb)	20	25221792	25226729	-1229	ENSG00000197586	ENTPD6
NR4A3_R848	chr20	26074020	26074420	Promoter (1-2kb)	20	26072673	26082955	1347	ENSG00000125804	FAM182A
NR4A3_R848	chr20	30412897	30413297	Promoter (9-10kb)	20	30403123	30403384	-9513	NA	MLLT10P1
NR4A3_R848	chr20	33308710	33309110	Promoter (9-10kb)	20	33298713	33307966	9997	ENSG00000125999	BPIFB1
NR4A3_R848	chr20	35505462	35505862	Promoter (2-3kb)	20	35502906	35511640	2556	ENSG00000126001	CEP250
NR4A3_R848	chr20	35665901	35666301	Promoter (<=1kb)	20	35626252	35664956	-945	ENSG00000214078	CPNE1
NR4A3_R848	chr20	35960611	35961011	Promoter (5-6kb)	20	35953617	35955359	-5252	ENSG00000171222	SCAND1
NR4A3_R848	chr20	36314784	36315351	Promoter (8-9kb)	20	36306381	36528633	8403	ENSG00000080845	DLGAP4
NR4A3_R848	chr20	36725672	36726072	Promoter (3-4kb)	20	36652375	36721787	-3885	ENSG00000101079	NDRG3
NR4A3_R848	chr20	38313812	38314457	Promoter (3-4kb)	20	38317649	38337325	-3192	ENSG00000101425	BPI
NR4A3_R848	chr20	38590339	38590739	Promoter (9-10kb)	20	38581195	38588463	9144	ENSG00000182035	ADIG
NR4A3_R848	chr20	44404825	44405225	Promoter (2-3kb)	20	44408120	44408203	-2895	ENSG00000266151	MIR3646
NR4A3_R848	chr20	57997839	57998239	Promoter (5-6kb)	20	58003904	58004648	-5665	ENSG00000275852	LINC01742
NR4A3_R848	chr20	58695045	58695445	Promoter (<=1kb)	20	58694421	58713580	624	ENSG00000254995	STX16-NPEPL1
NR4A3_R848	chr20	58830333	58830733	Promoter (8-9kb)	20	58839718	58911192	-8985	ENSG00000087460	GNAS
NR4A3_R848	chr20	59604585	59604985	Promoter (<=1kb)	20	59604540	59847711	45	ENSG00000087495	PHACTR3
NR4A3_R848	chr20	59686591	59687060	Promoter (9-10kb)	20	59676661	59847711	9930	ENSG00000087495	PHACTR3
NR4A3_R848	chr20	60314556	60314956	Promoter (6-7kb)	20	60308474	60308567	6082	ENSG00000207802	MIR646
NR4A3_R848	chr20	62014619	62015019	Promoter (1-2kb)	20	62010067	62012883	-1736	ENSG00000130699	TAF4
NR4A3_R848	chr20	62397964	62398364	Promoter (1-2kb)	20	62391014	62396331	-1633	ENSG00000149679	CABLES2
NR4A3_R848	chr20	62421381	62421781	Promoter (5-6kb)	20	62410237	62427539	5758	ENSG00000130701	RBBP8NL
NR4A3_R848	chr20	62755251	62755651	Promoter (<=1kb)	20	62756631	62762771	-980	ENSG00000101188	NTSR1
NR4A3_R848	chr20	63221419	63221819	Promoter (5-6kb)	20	63196367	63216139	-5280	ENSG00000149658	YTHDF1
NR4A3_R848	chr20	63256898	63257298	Promoter (2-3kb)	20	63240784	63254463	-2435	ENSG00000101198	NKAIN4
NR4A3_R848	chr20	63808733	63809133	Promoter (<=1kb)	20	63808076	63816521	657	NA	ZBTB46-AS1
NR4A3_R848	chr21	8219771	8220183	Promoter (7-8kb)	21	8212572	8212724	7199	ENSG00000276700	RNA5-8SN4
NR4A3_R848	chr21	13986632	13987032	Promoter (6-7kb)	21	13943769	13980437	-6195	ENSG00000215559	ANKRD20A11P
NR4A3_R848	chr21	13987239	13987639	Promoter (6-7kb)	21	13943769	13980437	-6802	ENSG00000215559	ANKRD20A11P
NR4A3_R848	chr21	32586120	32586520	Promoter (<=1kb)	21	32576659	32585533	-587	ENSG00000242220	TCP10L
NR4A3_R848	chr21	32586775	32587175	Promoter (<=1kb)	21	32576848	32587373	198	ENSG00000242220	TCP10L
NR4A3_R848	chr21	35992908	35993308	Promoter (8-9kb)	21	35954660	35984749	-8159	NA	LOC101928269
NR4A3_R848	chr21	36539181	36539581	Promoter (3-4kb)	21	36460621	36542600	3019	ENSG00000159261	CLDN14
NR4A3_R848	chr21	42027469	42027869	Promoter (5-6kb)	21	42022267	42024924	5202	ENSG00000237232	ZNF295-AS1
NR4A3_R848	chr21	42292573	42293199	Promoter (6-7kb)	21	42285934	42295352	6639	ENSG00000160179	ABCG1
NR4A3_R848	chr21	42615283	42615695	Promoter (<=1kb)	21	42599280	42615058	-225	ENSG00000225431	LINC01671
NR4A3_R848	chr21	42662626	42663320	Promoter (8-9kb)	21	42653813	42775509	8813	ENSG00000160191	PDE9A
NR4A3_R848	chr21	42691444	42691844	Promoter (5-6kb)	21	42686197	42762139	5247	ENSG00000160191	PDE9A
NR4A3_R848	chr21	43337010	43337599	Promoter (4-5kb)	21	43322417	43332039	-4971	NA	LINC00322
NR4A3_R848	chr21	43917903	43918303	Promoter (1-2kb)	21	43916272	43969153	1631	ENSG00000160216	AGPAT3
NR4A3_R848	chr21	43958652	43959052	Promoter (<=1kb)	21	43959783	43982724	-731	ENSG00000160216	AGPAT3
NR4A3_R848	chr21	44419472	44419969	Promoter (2-3kb)	21	44414595	44416740	-2732	NA	TRPM2-AS
NR4A3_R848	chr21	44551187	44551587	Promoter (<=1kb)	21	44550357	44551505	0	ENSG00000205445	KRTAP10-2
NR4A3_R848	chr21	44816808	44817208	Promoter (<=1kb)	21	44808271	44817968	760	ENSG00000184900	SUMO3
NR4A3_R848	chr21	44884375	44884775	Promoter (4-5kb)	21	44886333	44889131	4356	ENSG00000160255	ITGB2
NR4A3_R848	chr21	45483839	45484312	Promoter (5-6kb)	21	45478266	45478326	5573	ENSG00000275167	MIR6815
NR4A3_R848	chr21	45506821	45507221	Promoter (<=1kb)	21	45506019	45512567	802	ENSG00000182871	COL18A1
NR4A3_R848	chr21	45569955	45570355	Promoter (6-7kb)	21	45514715	45563115	-6840	ENSG00000173638	SLC19A1
NR4A3_R848	chr21	45636126	45636526	Promoter (7-8kb)	21	45643694	45788739	-7168	ENSG00000183570	PCBP3
NR4A3_R848	chr21	45984542	45984942	Promoter (2-3kb)	21	45987109	45987633	-2167	ENSG00000142156	COL6A1
NR4A3_R848	chr21	46090830	46091327	Promoter (6-7kb)	21	46098097	46132849	-6770	ENSG00000142173	COL6A2
NR4A3_R848	chr22	18961585	18961985	Promoter (8-9kb)	22	18970514	18994628	-8529	ENSG00000273032	DGCR5
NR4A3_R848	chr22	19166151	19166551	Promoter (4-5kb)	22	19171395	19172839	-4844	NA	LINC01311
NR4A3_R848	chr22	19430152	19430552	Promoter (<=1kb)	22	19398061	19430263	0	ENSG00000100084	HIRA
NR4A3_R848	chr22	19906600	19907000	Promoter (8-9kb)	22	19875522	19898041	-8559	ENSG00000184470	TXNRD2
NR4A3_R848	chr22	19994634	19995034	Promoter (3-4kb)	22	19971228	19990794	-3840	ENSG00000099889	ARVCF
NR4A3_R848	chr22	20251844	20252287	Promoter (2-3kb)	22	20249134	20249211	-2633	ENSG00000221039	MIR1286
NR4A3_R848	chr22	23130320	23130720	Promoter (3-4kb)	22	23124227	23134074	3354	ENSG00000100218	RSPH14
NR4A3_R848	chr22	23286976	23287376	Promoter (2-3kb)	22	23289615	23310433	-2239	ENSG00000186716	BCR
NR4A3_R848	chr22	23535351	23535751	Promoter (1-2kb)	22	23536881	23539480	-1130	NA	PCAT14
NR4A3_R848	chr22	23646423	23646823	Promoter (5-6kb)	22	23638492	23640762	-5661	ENSG00000228315	GUSBP11
NR4A3_R848	chr22	23657661	23658061	Promoter (4-5kb)	22	23638487	23652886	-4775	ENSG00000228315	GUSBP11
NR4A3_R848	chr22	24633685	24634085	Promoter (<=1kb)	22	24632954	24650012	731	NA	BCRP3
NR4A3_R848	chr22	27298916	27299316	Promoter (8-9kb)	22	27307802	27317456	-8486	ENSG00000226741	LINC02554
NR4A3_R848	chr22	29220729	29221129	Promoter (5-6kb)	22	29215577	29233667	5152	ENSG00000186998	EMID1
NR4A3_R848	chr22	35533730	35534130	Promoter (6-7kb)	22	35540831	35553999	-6701	ENSG00000100302	RASD2
NR4A3_R848	chr22	35543717	35544117	Promoter (2-3kb)	22	35540831	35553999	2886	ENSG00000100302	RASD2
NR4A3_R848	chr22	37511007	37511407	Promoter (<=1kb)	22	37507882	37510565	-442	ENSG00000100065	CARD10
NR4A3_R848	chr22	38761650	38762050	Promoter (5-6kb)	22	38745687	38756000	-5650	ENSG00000100242	SUN2
NR4A3_R848	chr22	39372015	39372415	Promoter (7-8kb)	22	39364170	39378381	7845	ENSG00000100321	SYNGR1
NR4A3_R848	chr22	39565859	39566284	Promoter (4-5kb)	22	39570753	39684528	-4469	ENSG00000100346	CACNA1I
NR4A3_R848	chr22	40007323	40007723	Promoter (1-2kb)	22	40009688	40030031	-1965	ENSG00000133477	FAM83F
NR4A3_R848	chr22	42521637	42522037	Promoter (1-2kb)	22	42515201	42519796	-1841	ENSG00000189306	RRP7A
NR4A3_R848	chr22	43205692	43206092	Promoter (6-7kb)	22	43212674	43213661	-6582	ENSG00000236272	SCUBE1-AS2
NR4A3_R848	chr22	43508276	43508676	Promoter (7-8kb)	22	43516107	43537117	-7431	NA	EFCAB6-AS1
NR4A3_R848	chr22	43509200	43509600	Promoter (6-7kb)	22	43516107	43537117	-6507	NA	EFCAB6-AS1
NR4A3_R848	chr22	43562660	43563060	Promoter (7-8kb)	22	43528744	43570143	7083	ENSG00000186976	EFCAB6
NR4A3_R848	chr22	44322778	44323178	Promoter (9-10kb)	22	44243665	44312951	-9827	ENSG00000138944	SHISAL1
NR4A3_R848	chr22	44617527	44617927	Promoter (7-8kb)	22	44606939	44625419	7492	NA	LINC00229
NR4A3_R848	chr22	44617957	44618357	Promoter (7-8kb)	22	44606939	44625419	7062	NA	LINC00229
NR4A3_R848	chr22	44708720	44709120	Promoter (6-7kb)	22	44702520	44737215	6200	ENSG00000186654	PRR5
NR4A3_R848	chr22	46659114	46659514	Promoter (3-4kb)	22	46663107	46671167	-3593	ENSG00000075240	GRAMD4
NR4A3_R848	chr22	46673190	46673590	Promoter (1-2kb)	22	46674608	46679683	-1018	ENSG00000075240	GRAMD4
NR4A3_R848	chr22	47628557	47628957	Promoter (<=1kb)	22	47625230	47629902	945	ENSG00000205634	LINC00898
NR4A3_R848	chr22	48541907	48542307	Promoter (5-6kb)	22	48538902	48547342	5035	ENSG00000281732	LOC284933
NR4A3_R848	chr22	48542511	48542911	Promoter (4-5kb)	22	48538902	48547342	4431	ENSG00000281732	LOC284933
NR4A3_R848	chr22	48858825	48859225	Promoter (7-8kb)	22	48866770	48898386	-7545	ENSG00000205632	LINC01310
NR4A3_R848	chr22	50233989	50234389	Promoter (5-6kb)	22	50226735	50240360	5971	ENSG00000128159	TUBGCP6
NR4A3_R848	chr22	50339686	50340086	Promoter (3-4kb)	22	50343304	50445090	-3218	ENSG00000100239	PPP6R2