```
# Transcriptional regulatory network: conserved-overrepresented oligos for promoter regions of
# protein-coding and microRNA genes and their association to known transcription factors binding sites.

# Column 0 is the overrepresented DNA oligo S labeling the set. Columns 1 ... n are the Ensembl gene_id
# of the genes in whose promoter region the oligo S is overrepresented (p < 0.01). Only oligos surviving
# the conserved-overrepresentation test (BY < 0.1) are retained. For each oligos, we report also its
# association with known Trascription Factor Binding Sites, where possible. We divided the dataset according
# motif length, from 6 to 9 nt in this study. In this dataset are included both protein-coding genes
# as well as microRNA genes.

# At the end of each section, a validation with known TFBSs is reported, if possible.

# A plain text ASCII version of this file is available at: http://personalpages.to.infn.it/~cora/circuits/index.html


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TATTTT Xie:TRTTTRYTYW HNF-3

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CATTTT Xie:GCCATnTT YY1

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	ENSG00000096006|CRISP3	ENSG00000102290|PCDH11X	ENSG00000107929|LARP5	ENSG00000108242|CYP2C18	ENSG00000109193|SULT1E1	ENSG00000109511|ANXA10	ENSG00000111897|SERINC1	ENSG00000112175|BMP5					
	ENSG00000114491|UMPS	ENSG00000115221|ITGB6	ENSG00000117069|ST6GALNAC5	ENSG00000117148|ACTL8	ENSG00000120211|INSL4	ENSG00000121388|Q9H521_HUMAN	ENSG00000121621|KIF18A	ENSG00000121895|TMEM156					
	ENSG00000123124|WWP1	ENSG00000125906|Q9H4I0_HUMAN	ENSG00000129048|CCRL1	ENSG00000129635|Q9P1B8_HUMAN	ENSG00000129973|XR_015593.1	ENSG00000131355|EMR3	ENSG00000132357|CARD6	ENSG00000132436|FIGNL1					
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	ENSG00000137185|ZNF193	ENSG00000138379|GDF8	ENSG00000138780|GSTCD	ENSG00000142867|BCL10	ENSG00000145416|MARCH1	ENSG00000146399|TAAR1	ENSG00000146530|Q96SQ3_HUMAN	ENSG00000149231|CCDC82					
	ENSG00000150076|C10orf68	ENSG00000150471|LPHN3	ENSG00000151687|ANKAR	ENSG00000152520|PAN3	ENSG00000153253|SCN3A	ENSG00000154165|GPR15	ENSG00000156284|CLDN8	ENSG00000158473|CD1D					
	ENSG00000160336|ZNF761	ENSG00000161103|Q5BKY6_HUMAN	ENSG00000163492|NP_775919.2	ENSG00000163666|HESX1	ENSG00000163806|PPP1CB	ENSG00000164022|SCYE1	ENSG00000164074|A1A4W8_HUMAN	ENSG00000164167|LSM6					
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	ENSG00000171201|SMR3B	ENSG00000171860|C3AR1	ENSG00000172014|CCDC29	ENSG00000172188|OR4C11	ENSG00000172468|HSFY1	ENSG00000172489|OR5T3	ENSG00000173208|ABCD2	ENSG00000173852|DPY19L1					
	ENSG00000174453|NP_001073969.1	ENSG00000174937|OR5M3	ENSG00000174942|OR5R1	ENSG00000175483|O94914_HUMAN	ENSG00000176007|C9orf51	ENSG00000176075|C1orf46	ENSG00000176200|OR4D11	ENSG00000176204|LRRTM4					
	ENSG00000176246|OR4L1	ENSG00000177275|OR2AJ1	ENSG00000177320|Q9UHZ5_HUMAN	ENSG00000177489|OR2G2	ENSG00000177553|C1orf167	ENSG00000178454|Q9P1K0_HUMAN	ENSG00000179978|Q59GI6_HUMAN	ENSG00000180090|OR3A1					
	ENSG00000180919|OR56B4	ENSG00000181698|OR5T1	ENSG00000181785|OR5AS1	ENSG00000181827|RFXDC2	ENSG00000181903|OR4C6	ENSG00000181927|OR4P4	ENSG00000181943|Q8NGM0_HUMAN	ENSG00000182611|HIST1H2AJ					
	ENSG00000183528|Q0VAF8_HUMAN	ENSG00000183542|KLRC4	ENSG00000184085|Q9UHT3_HUMAN	ENSG00000184166|OR1D2	ENSG00000184280|ZNF285B	ENSG00000184515|NGFRAP1L1	ENSG00000184622|Q562T4_HUMAN	ENSG00000184735|DDX53					
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	ENSG00000189156|Q6UXP3_HUMAN	ENSG00000196079|OR1C1	ENSG00000196139|AKR1C3	ENSG00000196759|Q86XP7_HUMAN	ENSG00000197061|HIST1H4C	ENSG00000197627|Q9UFV3_HUMAN	ENSG00000197786|OR5B17	ENSG00000197849|OR8G1					
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	ENSG00000205669|ACOT6	ENSG00000205764|Q9BZU6_HUMAN	ENSG00000205827|Q6ZUT8_HUMAN	ENSG00000206105|Q3LI62_HUMAN	ENSG00000206384|Q69YT0_HUMAN	ENSG00000207586|hsa-mir-135a-2							
	AAATAA Xie:ATGCAAATnA	OCTAMER											
	AAATAA Xie:WAdTAAWTA	NKX6-2											
	TTATTT Xie:TRTTTRYTYW	HNF-3											
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	ENSG00000100991|TRPC4AP	ENSG00000104356|POP1	ENSG00000110514|MADD	ENSG00000111845|PAK1IP1	ENSG00000112367|GTF2H1	ENSG00000112367|KIAA0274	ENSG00000113070|HBEGF						
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	ENSG00000153820|NP_085126.1	ENSG00000154059|IMPACT	ENSG00000154917|RAB6B	ENSG00000157017|GHRL	ENSG00000157036|ENDOGL1	ENSG00000161040|FBXL13	ENSG00000162367|TAL1	ENSG00000162666|KIAA0040					
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	ENSG00000169418|NPR1	ENSG00000169902|TPST1	ENSG00000170689|HOXB9	ENSG00000171570|EGLN2	ENSG00000173432|SAA1	ENSG00000174151|CYB561D1	ENSG00000176225|RTTN	ENSG00000183638|RP1L1					
	ENSG00000184497|FAM70B	ENSG00000185681|C9orf18	ENSG00000186150|UBL4B	ENSG00000186472|Q9Y6V0-3	ENSG00000187231|SESTD1	ENSG00000197860|SGTB	ENSG00000197969|VPS13A	ENSG00000198131|ZNF544					
	ENSG00000198585|NUDT16	ENSG00000198648|STK39	ENSG00000198887|SMC5	ENSG00000204800|Q96HX1_HUMAN	ENSG00000204812|Q96HX1_HUMAN	ENSG00000207705|hsa-mir-129-1	ENSG00000011590|ZBTB32	ENSG00000029559|IBSP					
	ENSG00000050730|TNIP3	ENSG00000090989|EXOC1	ENSG00000091128|LAMB4	ENSG00000092200|RPGRIP1	ENSG00000101542|CDH20	ENSG00000106809|OGN	ENSG00000107897|ACBD5	ENSG00000108231|LGI1					
	ENSG00000108960|MMD	ENSG00000108961|NP_057576.2	ENSG00000110852|CLEC2B	ENSG00000111404|NP_079006.1	ENSG00000116574|RHOU	ENSG00000120210|INSL6	ENSG00000121064|SCPEP1	ENSG00000121318|TAS2R10					
	ENSG00000127083|OMD	ENSG00000131558|EXOC4	ENSG00000132465|IGJ	ENSG00000134539|KLRD1	ENSG00000135218|CD36	ENSG00000135824|RGS8	ENSG00000137959|IFI44L	ENSG00000137975|CLCA2					
	ENSG00000139329|LUM	ENSG00000143105|KCNA10	ENSG00000153143|GYPB	ENSG00000153230|OR5AY1	ENSG00000163145|C1QTNF7	ENSG00000165949|IFI27	ENSG00000166323|C11orf65						
	ENSG00000166532|FAM80B	ENSG00000166738|Q9H378_HUMAN	ENSG00000168379|Q8WM95_HUMAN	ENSG00000168521|Q9P1M5_HUMAN	ENSG00000169246|Q92617-2	ENSG00000169855|ROBO1	ENSG00000170180|GYPA	ENSG00000171564|FGB					
	ENSG00000171656|ETV5	ENSG00000172023|REG1B	ENSG00000172399|MYOZ2	ENSG00000173365|OR6M1	ENSG00000173525|OR2F1	ENSG00000174970|OR10AG1	ENSG00000175857|C5orf29						
	ENSG00000176742|OR51V1	ENSG00000177575|CD163	ENSG00000177688|SUMO4	ENSG00000179615|OR2AP1	ENSG00000179841|AKAP5	ENSG00000180547|Q9P1G1_HUMAN	ENSG00000181273|OR5AK2	ENSG00000181296|Q8NH88_HUMAN					
	ENSG00000182346|DAOA	ENSG00000183117|CSMD1	ENSG00000185013|NT5C1B	ENSG00000185517|Q9HA39_HUMAN	ENSG00000186487|MYT1L	ENSG00000186562|DEFB105A	ENSG00000186599|DEFB105B	ENSG00000186940|CHCHD9					
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	TCATTT Xie:TTTCAnTT	IRF											
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	ENSG00000100796|SMEK1	ENSG00000101278|Q9NQ39_HUMAN	ENSG00000102858|MGRN1	ENSG00000104946|TBC1D17	ENSG00000105088|OLFM2	ENSG00000112308|C6orf62	ENSG00000116205|C1orf83	ENSG00000117242|DDOST					
	ENSG00000117519|CNN3	ENSG00000118094|TREH	ENSG00000119541|VPS4B	ENSG00000121413|ZSCAN18	ENSG00000122386|ZNF205	ENSG00000126351|THRA	ENSG00000129158|SERGEF	ENSG00000131788|PIAS3					
	ENSG00000133789|SWP70_HUMAN	ENSG00000138069|RAB1A	ENSG00000142961|MOBKL2C	ENSG00000143373|ZNF687	ENSG00000154222|CC2D1B	ENSG00000155495|MAGEC1	ENSG00000161558|TMEM143	ENSG00000163376|KBTBD8					
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	ENSG00000174516|PELI3	ENSG00000176871|WSB2	ENSG00000177363|NP_981967.1	ENSG00000178021|TSPYL6	ENSG00000183153|GJC1	ENSG00000183638|RP1L1	ENSG00000185188|Q96CH6_HUMAN	ENSG00000185236|RAB11B					
	ENSG00000186815|TPCN1	ENSG00000188013|MEIS3	ENSG00000188095|MESP2	ENSG00000196273|C14orf70	ENSG00000198060|MARCH5	ENSG00000198792|C22orf5	ENSG00000198918|RPL39	ENSG00000205790|Q6ZTZ0_HUMAN					
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	ENSG00000207995|hsa-mir-325												
	CCATTT Xie:GCCATnTT	YY1											
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	ENSG00000138670|RASGEF1B	ENSG00000144028|ASCC3L1	ENSG00000144278|GALNT13	ENSG00000147123|NDUFB11	ENSG00000155893|ACPL2	ENSG00000160255|ITGB2	ENSG00000163993|S100P	ENSG00000164076|CAMKV					
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	ENSG00000183668|PSG9	ENSG00000183779|ZNF703	ENSG00000184224|C11orf72	ENSG00000184432|COPB2	ENSG00000185305|ARL15	ENSG00000185559|DLK1	ENSG00000188745|Q8NAC6_HUMAN	ENSG00000196547|MAN2A2					
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	ENSG00000128389|NM_032262	ENSG00000131408|Nr1h2	ENSG00000131470|PSMC3IP	ENSG00000131778|CHD1L	ENSG00000132300|PTCD3	ENSG00000132406|TMEM128	ENSG00000137804|NUSAP1	ENSG00000138400|MDH1B						
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	ENSG00000180206|C22orf27	ENSG00000180376|CCDC66	ENSG00000183155|RABIF	ENSG00000185104|FAF1	ENSG00000186001|LRCH3	ENSG00000187607|ZNF286A	ENSG00000196724|ZNF418	ENSG00000196787|HIST1H2AG						
	ENSG00000197721|CR1L	ENSG00000198304|ZNF528	ENSG00000198464|ZNF480	ENSG00000198535|NP_997205.1	ENSG00000203819|Q6GMR5_HUMAN	ENSG00000203851|Q6GMR5_HUMAN								
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AATATT Xie:GAAnnWTCK HSF2

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	ENSG00000188094|hCG_1640785	ENSG00000188729|OSTN	ENSG00000189192|Q7Z5E4_HUMAN	ENSG00000189299|FOXR2	ENSG00000189370|LOC390335	ENSG00000196288|Q9HBR8_HUMAN	ENSG00000196873|CBWD3	ENSG00000197233|OR1J4							
	ENSG00000197465|GYPE	ENSG00000197510|C21orf116	ENSG00000197608|XR_015252.1	ENSG00000197653|DNAH10	ENSG00000197692|LOC642721	ENSG00000197786|OR5B17	ENSG00000198153|ZNF676	ENSG00000198406|Q3LIC9_HUMAN							
	ENSG00000198738|Q5T5W8_HUMAN	ENSG00000198967|OR10Z1	ENSG00000203701|C1orf140	ENSG00000203736|Q5JWK4_HUMAN	ENSG00000203970|DEFB111	ENSG00000204246|OR13C3	ENSG00000204501|PRAMEF9	ENSG00000204502|PRAMEF5							
	ENSG00000204507|LOC729368	ENSG00000204509|PRAMEF6	ENSG00000204590|CBWD6	ENSG00000206106|Q3LI68_HUMAN	ENSG00000206221|Q6ZVX8_HUMAN										
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	ENSG00000054267|ARID4B	ENSG00000060688|WDR57	ENSG00000068137|PLEKHH3	ENSG00000087095|NLK	ENSG00000088038|CNOT3	ENSG00000089597|GANAB	ENSG00000092853|CLSPN	ENSG00000095787|WAC							
	ENSG00000099797|GPSN2	ENSG00000100354|TNRC6B	ENSG00000100711|ZFYVE21	ENSG00000100918|REC8	ENSG00000101473|ACOT8	ENSG00000103018|CYB5B	ENSG00000104856|RELB	ENSG00000104904|OAZ1							
	ENSG00000105011|ASF1B	ENSG00000105072|C19orf44	ENSG00000107362|FAM108B1	ENSG00000108389|MTMR4	ENSG00000109184|DCUN1D4	ENSG00000110328|GALNTL4	ENSG00000113161|HMGCR	ENSG00000116691|ANKRD38							
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	ENSG00000197153|HIST1H3J	ENSG00000197608|XR_015252.1	ENSG00000197823|Q86YX8_HUMAN	ENSG00000197903|HIST1H2BK	ENSG00000197914|HIST1H4K	ENSG00000204273|HLA-DOB	ENSG00000204740|C10orf112	ENSG00000205809|KLRC2							
	ENSG00000205810|KLRC3														
	ATTGGT	Xie:WTGATTGnT	PBX-1												
	ATTGGT	Xie:YSATTGGYY	NF-Y												
ACCCCC	ENSG00000007516|BAIAP3	ENSG00000014216|CAPN1	ENSG00000017373|SNIP_HUMAN	ENSG00000049540|ELN	ENSG00000055208|MAP3K7IP2	ENSG00000075043|KCNQ2	ENSG00000087152|ATXN7L3	ENSG00000090097|PCBP4							
	ENSG00000099365|STX1B2	ENSG00000099624|ATP5D	ENSG00000099864|PALM	ENSG00000100302|RASD2	ENSG00000100412|ACO2	ENSG00000101439|CST3	ENSG00000102057|KCND1	ENSG00000102780|DGKH							
	ENSG00000103356|EARS2	ENSG00000104365|IKBKB	ENSG00000105419|Q99687-2	ENSG00000105509|HAS1	ENSG00000105641|SLC5A5	ENSG00000108309|NP_006686.1	ENSG00000122756|CNTFR	ENSG00000124140|SLC12A5							
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	ENSG00000174574|C1orf108	ENSG00000175701|XR_017795.1	ENSG00000176623|FAM82B	ENSG00000176754|C1orf157	ENSG00000178498|DTX3	ENSG00000179981|TSHZ1	ENSG00000180316|PNPLA1	ENSG00000182035|ADIG							
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	ENSG00000206008|XR_015341.1	ENSG00000206023|FAM90A7													
	GGGGGT	Xie:GRGGSTGGG	CAC-BP												
	GGGGGT	Xie:SGGRnTTTCC	C-REL												
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	ENSG00000137073|UBAP2	ENSG00000138135|CH25H	ENSG00000140553|UNC45A	ENSG00000141384|TAF4B	ENSG00000148288|GBGT1	ENSG00000155592|ZKSCAN2	ENSG00000163501|IHH	ENSG00000163642|XR_017284.1							
	ENSG00000164304|CAGE1	ENSG00000165650|PDZD8	ENSG00000176890|TYMS	ENSG00000180329|CCDC43	ENSG00000181192|DHTKD1	ENSG00000185129|PURA	ENSG00000185689|Q6NXN5_HUMAN	ENSG00000188211|Q68D85_HUMAN							

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	ENSG00000080371|RAB21	ENSG00000087074|PPP1R15A	ENSG00000100221|JOSD1	ENSG00000102055|PPP1R2P9	ENSG00000105325|FZR1	ENSG00000105875|NP_054868.2	ENSG00000108825|AARSD1	ENSG00000109572|CLCN3						
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	ACGTCA	Xie:TGACGTMA	CREB											
	TGACGT	Xie:GTGACGTARS	E4F1											
	TGACGT	Xie:TGACGTGG	ATF6											
	TGACGT	Xie:TGACGTMA	CREB											
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	ENSG00000168811|IL12A	ENSG00000169188|APEX2	ENSG00000169964|TMEM42	ENSG00000170145|SNF1LK2	ENSG00000170191|NANP	ENSG00000171574|ZNF584	ENSG00000171703|TCEA2	ENSG00000181038|NP_001073979.2						
	ENSG00000182404|LYRM4	ENSG00000182743|LOC392617	ENSG00000183960|KCNH8	ENSG00000184967|NOC4L	ENSG00000185163|DDX51	ENSG00000187714|SLC18A3	ENSG00000188672|RHCE	ENSG00000198081|ZFP161						
	ENSG00000198900|TOP1	ENSG00000204178|TMEM57	ENSG00000204772|Q6ZWG2_HUMAN	ENSG00000204874|C7orf13	ENSG00000087302|C14orf166	ENSG00000100124|ANKRD54	ENSG00000106591|MRPL32	ENSG00000111665|CDCA3						
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	ENSG00000164736|SOX17	ENSG00000166181|API5	ENSG00000170946|DPH4	ENSG00000177889|UBE2N	ENSG00000178074|NP_710156.2	ENSG00000186297|GABRA5	ENSG00000197933|ZF36_HUMAN	ENSG00000205879|FAM90A25P						
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	TCACGT	Xie:ATCACGTGAY	SREBP-1											
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	ENSG00000106366|SERPINE1	ENSG00000106683|LIMK1	ENSG00000107719|KIAA1274	ENSG00000108590|MED31	ENSG00000108883|EFTUD2	ENSG00000122870|BICC1	ENSG00000125459|MSTO1							
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	ENSG00000104765|BNIP3L	ENSG00000104960|PTOV1	ENSG00000109475|RPL34	ENSG00000116906|GNPAT	ENSG00000123080|CDKN2C	ENSG00000123131|PRDX4	ENSG00000124783|SSR1	ENSG00000125675|GRIA3						
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	ENSG00000183735|TBK1	ENSG00000184408|KCND2	ENSG00000188710|OX26_HUMAN	ENSG00000196335|STK31	ENSG00000203747|FCGR3A	ENSG00000204735|Q6ZRI4_HUMAN								
	ACGTGG	Xie:TGACGTGG	ATF6											
	CCACGT	Xie:SCACGTG	MYC											
ACTAAT	ENSG00000002016|RAD52	ENSG00000065675|PRKCQ	ENSG00000072364|AFF4	ENSG00000089693|MLF2	ENSG00000099956|SMARCB1	ENSG00000101544|ZNF508	ENSG00000103319|EEF2K	ENSG00000106006|HOXA6						
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	ENSG00000100804|PSMB5	ENSG00000102245|CD40LG	ENSG00000105821|Q99543-2	ENSG00000106809|OGN	ENSG00000107165|TYRP1	ENSG00000110723|EXPH5	ENSG00000112379|KIAA1244	ENSG00000114098|ARMC8						
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	ENSG00000125755|SYMPK	ENSG00000126062|TMEM115	ENSG00000130731|NP_001035251.1	ENSG00000130844|ZNF331	ENSG00000131591|C1orf159	ENSG00000133027|PEMT	ENSG00000134574|DDB2	ENSG00000135317|SNX14						
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	ENSG00000143970|ASXL2	ENSG00000151445|C14orf133	ENSG00000151500|THYN1	ENSG00000157045|NTAN1	ENSG00000157353|FUK	ENSG00000158467|SAHH3_HUMAN	ENSG00000159733|ZFYVE28	ENSG00000162647|C1orf119						
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	ENSG00000170876|TMEM43	ENSG00000171804|WDR87	ENSG00000172057|ORMDL3	ENSG00000172530|BANP	ENSG00000174177|NP_001012780.1	ENSG00000174903|RAB1B	ENSG00000177370|TIMM22	ENSG00000179526|SHARPIN						
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	ENSG00000197841|ZNF181	ENSG00000198373|WWP2	ENSG00000204027|Q6ZRN3_HUMAN	ENSG00000204590|GNL1	ENSG00000205609|Q9BW98_HUMAN	ENSG00000206113|Q6ZU27_HUMAN	ENSG00000208017|hsa-mir-140	ENSG00000011465|DCN						
	ENSG00000077157|PPP1R12B	ENSG00000077380|DYNC1I2	ENSG00000083896|YTHDC1	ENSG00000091073|DTX2	ENSG00000100220|C22orf28	ENSG00000101639|CEP192	ENSG00000104497|SNX16	ENSG00000105136|ZNF419						
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	ENSG00000125912|NCLN	ENSG00000133076|LARS	ENSG00000134588|USP26	ENSG00000138107|ACTR1A	ENSG00000138399|FASTKD1	ENSG00000143314|MRPL24	ENSG00000143847|PPFIA4							
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	ENSG00000204566|C10orf115	ENSG00000204818|Q8NGA9_HUMAN	ENSG00000205055|Q9UI90_HUMAN	ENSG00000205112|Q6UXR9_HUMAN	ENSG00000205243|Q6NUH5_HUMAN									
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	ENSG00000135940|COX5B	ENSG00000136169|SETDB2	ENSG00000136231|IGF2BP3	ENSG00000144233|AMMECR1L	ENSG00000144554|FANCD2	ENSG00000145491|ROPN1L	ENSG00000155330|NP_001001436.1	ENSG00000156687|UNC5D						
	ENSG00000164162|ANAPC10	ENSG00000164532|TBX20	ENSG00000164687|FABP5	ENSG00000165434|PGM2L1	ENSG00000166598|HSP90B1	ENSG00000169738|DCXR	ENSG00000174516|PELI3	ENSG00000176209|C8orf40						
	ENSG00000178188|SH2B1	ENSG00000178952|TUFM	ENSG00000180801|ARSJ	ENSG00000182224|CYB5D1	ENSG00000182247|C8orf33	ENSG00000185345|PARK2	ENSG00000186416|NKRF	ENSG00000187648|Q9UF72_HUMAN						
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	ENSG00000119707|RBM25	ENSG00000132300|PTCD3	ENSG00000135517|MIP	ENSG00000137947|GTF2B	ENSG00000137960|GIPC2	ENSG00000145734|BDP1	ENSG00000157827|FMNL2	ENSG00000161920|MED11						
	ENSG00000162670|FAM5C	ENSG00000166900|STX3	ENSG00000168634|WFDC13	ENSG00000169887|Q9UKN1_HUMAN	ENSG00000177613|CSTF2T	ENSG00000182952|HMGN4	ENSG00000184898|RBM43	ENSG00000197597|H2BFS						
	ENSG00000204463|BAT3													
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	ENSG00000100342|APOL1	ENSG00000100365|NCF4	ENSG00000100591|AHSA1	ENSG00000103175|WFDC1	ENSG00000104805|NUCB1	ENSG00000105321|CCDC9	ENSG00000105726|ATP13A1	ENSG00000106636|YKT6						
	ENSG00000107164|FUBP3	ENSG00000109917|ZNF259	ENSG00000110768|GTF2H1	ENSG00000111045|SEC24A	ENSG00000113615|NEK6	ENSG00000119408|NEK6	ENSG00000120913|PDLIM2	ENSG00000125503|PPP1R12C						
	ENSG00000125510|OPRL1	ENSG00000125898|FAM110A	ENSG00000129559|NEDD8	ENSG00000132467|SAS10_HUMAN	ENSG00000134153|C15orf24	ENSG00000136247|ZDHHC4	ENSG00000136816|TOR1B	ENSG00000140319|SRP14						
	ENSG00000141682|PMAIP1	ENSG00000142082|SIRT3	ENSG00000142409|ZNF787	ENSG00000143466|IKBKE	ENSG00000149187|CUGBP1	ENSG00000150477|KIAA1328	ENSG00000151148|UBE3B	ENSG00000157045|NTAN1						
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	ENSG00000175756|AURKAIP1	ENSG00000178223|Q96KT8_HUMAN	ENSG00000178394|HTR1A	ENSG00000178706|DHFRL1	ENSG00000178726|THBD	ENSG00000181135|ZNF707	ENSG00000182796|Q6UWI1_HUMAN	ENSG00000183520|UTP11L						
	ENSG00000185627|PSMD13	ENSG00000188782|CATSPER4	ENSG00000196290|NIF3L1	ENSG00000196296|ATP2A1	ENSG00000197003|P461_HUMAN	ENSG00000197471|SPN	ENSG00000197562|RAB40C	ENSG00000204237|NP_001034931.1						
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	ENSG00000104872|PIH1D1	ENSG00000105058|FAM32A	ENSG00000105248|CCDC94	ENSG00000109099|PMP22	ENSG00000111647|NP_001006948.1	ENSG00000113456|RAD1	ENSG00000118292|C1orf54	ENSG00000122591|FAM126A						
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	ENSG00000143498|TAF1A	ENSG00000143756|FBXO28	ENSG00000144306|SCRN3	ENSG00000144771|LRTM1	ENSG00000159885|ZNF222	ENSG00000163155|LYSMD1	ENSG00000163349|HIPK1	ENSG00000163818|LZTFL1						
	ENSG00000171067|C11orf24	ENSG00000172183|ISG20	ENSG00000172590|MRPL52	ENSG00000172602|RND1	ENSG00000173575|CHD2	ENSG00000175110|MRPS22	ENSG00000176566|WDR21C	ENSG00000176731|C8orf59						
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	ENSG00000188938|FAM120AOS	ENSG00000197701|ZNF595	ENSG00000204220|PFDN6	ENSG00000204221|WDR46	ENSG00000204519|ZNF551	ENSG00000204897|KRT25	ENSG00000204920|ZNF155							
	ACTTCC	Xie:CACTTCCTG	ETS											
	ACTTCC	Xie:CAnTTCCS	STAT1											
	GGAAGT	Xie:AGGAART	ELF-1											
	GGAAGT	Xie:CAGGAAGTAR	TEL-2											
	GGAAGT	Xie:CCGGAART	ELK-1											
	GGAAGT	Xie:MGGAWGT	PEA3											
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	ENSG00000088727|KIF9	ENSG00000100387|RBX1	ENSG00000100479|POLE2	ENSG00000102057|KCND1	ENSG00000105726|ATP13A1	ENSG00000108423|TUBD1	ENSG00000111424|VDR	ENSG00000112183|RBM24						
	ENSG00000114383|TUSC2	ENSG00000114648|KLHL18	ENSG00000119509|INVS	ENSG00000119866|BCL11A	ENSG00000124486|USP9X	ENSG00000125107|CNOT1	ENSG00000125207|PIWIL1	ENSG00000126790|C14orf149						
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	ENSG00000148175|STOM	ENSG00000148803|C10orf125	ENSG00000148985|NP_055304.1	ENSG00000150977|NP_659495.1	ENSG00000151883|PARP8	ENSG00000154148|LOC283412	ENSG00000156136|DCK	ENSG00000156650|MYST4						
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	ENSG00000203681|XR_017762.1	ENSG00000204128|LOC2574 07	ENSG00000205222|Q6ZUB9_HUMAN	ENSG00000206260|NP_001004315.1	ENSG00000005187|ACSM3	ENSG00000014824|SLC30A9	ENSG00000031691|CENPQ	ENSG00000058729|RIOK2						
	ENSG00000064545|TMEM161A	ENSG00000081019|RSBN1	ENSG00000087589|C20orf32	ENSG00000100209|HSCB	ENSG00000100246|DNAL4	ENSG00000104412|TTC35	ENSG00000108187|PBLD	ENSG00000109861|CTSC						
	ENSG00000110955|ATP5B	ENSG00000112273|HDGFL1	ENSG00000113163|COL4A3BP	ENSG00000116266|STXBP3	ENSG00000118596|SLC16A7	ENSG00000120162|MOBKL2B	ENSG00000120451|SNX19	ENSG00000121481|RNF2						
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	ENSG00000198626|RYR2	ENSG00000198826|ARHGAP11A	ENSG00000203849|Q8NF67_HUMAN	ENSG00000204186|Q6ZSN8_HUMAN	ENSG00000204578|Q6ZNT6_HUMAN	ENSG00000206171|RNASE12								
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	ENSG00000105290|APLP1	ENSG00000105379|ETFB	ENSG00000106852|LHX6	ENSG00000113070|HBEGF	ENSG00000116786|PLEKHM2	ENSG00000124641|TRFP	ENSG00000125063|Q9NX68_HUMAN	ENSG00000125637|PSD4						
	ENSG00000126583|PRKCG	ENSG00000128564|VGF	ENSG00000130810|PPAN	ENSG00000131779|PEX11B	ENSG00000135698|MPHOSPH6	ENSG00000135898|GPR55	ENSG00000135903|PAX3	ENSG00000138138|ATAD1						
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139
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GGGGCT Xie:SGGRnTTTCC C-REL
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	ENSG00000139044|B4GALNT3	ENSG00000140015|KCNH5	ENSG00000141342|PLEKHM1	ENSG00000141570|CBX8	ENSG00000141664|ZCCHC2	ENSG00000142149|HUNK	ENSG00000142279|WTIP	ENSG00000144893|MED12L						
	ENSG00000145431|PDGFC	ENSG00000147027|TMEM47	ENSG00000148362|C9orf142	ENSG00000151514|SALL3	ENSG00000151952|TMEM132D	ENSG00000152377|SPOCK1	ENSG00000153827|TRIP12	ENSG00000154764|WNT7A						
	ENSG00000157388|CACNA1D	ENSG00000157778|C7orf48	ENSG00000158966|CACHD1	ENSG00000159147|DONSON	ENSG00000159266|Q69YJ1_HUMAN	ENSG00000163501|IHH	ENSG00000163623|NKX6-1	ENSG00000163873|GRIK3						
	ENSG00000164107|HAND2	ENSG00000164366|CCDC127	ENSG00000168676|KCTD19	ENSG00000170175|CHRNB1	ENSG00000171206|TRIM8	ENSG00000171385|KCND3	ENSG00000171791|BCL2	ENSG00000172663|TMEM134						
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	ENSG00000181965|NEUROG1	ENSG00000183337|BCOR	ENSG00000185088|RPS27L	ENSG00000185737|NRG3	ENSG00000188042|ARL4C	ENSG00000188064|WNT7B	ENSG00000188803|NP_997269.1	ENSG00000196365|LONP1						
	ENSG00000198586|TLK1	ENSG00000198870|C9orf96	ENSG00000203745|HSP77_HUMAN	ENSG00000204315|FKBPL	ENSG00000205231|Q6ZQQ1_HUMAN	ENSG00000207955|hsa-mir-219-2	ENSG00000012124|CD22	ENSG00000015676|NUDCD3						
	ENSG00000034693|PEX3	ENSG00000075292|ZNF638	ENSG00000075415|SLC25A3	ENSG00000078795|PKD2L2	ENSG00000080823|RAGE	ENSG00000082512|TRAF5	ENSG00000100079|LGALS2	ENSG00000100281|HMG2L1						
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	CGGGCT	Xie:SGGRnTTTCC	C-REL											
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	ENSG00000124571|XPO5	ENSG00000124787|RPP40	ENSG00000128805|ARHGAP22	ENSG00000130988|RGN	ENSG00000131951|LRRC9	ENSG00000132604|TERF2	ENSG00000134265|NAPG	ENSG00000136100|VPS36						
	ENSG00000137210|TMEM14B	ENSG00000137500|CCDC90B	ENSG00000137710|RDX	ENSG00000140025|C14orf143	ENSG00000140545|MFGE8	ENSG00000143575|HAX1	ENSG00000144567|C2orf17	ENSG00000146215|CRIP3						
	ENSG00000146842|NP_116231.2	ENSG00000147535|PPAPDC1B	ENSG00000149328|NP_612351.2	ENSG00000151093|OXSM	ENSG00000151465|CDC123	ENSG00000151748|SAV1	ENSG00000152683|SLC30A6	ENSG00000153291|SLC25A27						
	ENSG00000155858|LSM11	ENSG00000157423|Q4G0P3-5	ENSG00000157657|ZNF618	ENSG00000158813|EDA	ENSG00000159884|CCDC107	ENSG00000161888|SPC24	ENSG00000164136|IL15	ENSG00000164669|Q2T9F4_HUMAN						
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        ATTTCC  Xie:CAnTTCCS    STAT1
        ATTTCC  Xie:GGGRATTTCC  P65
        ATTTCC  Xie:SGGRnTTTCC  C-REL
        GGAAAT  Xie:AGGAART     ELF-1
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CACGTG Xie:SCACGTG MYC
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	CAGCTG Xie:GCAGCTGnY	AP-4									
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	ENSG00000134762|DSC3	ENSG00000135821|GLUL	ENSG00000137142|IGFBPL1	ENSG00000137776|SLTM	ENSG00000137804|NUSAP1	ENSG00000138738|PRDM5	ENSG00000139146|FAM60A	ENSG00000141140|MYOHD1						
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TTCCGG Xie:TTMCGGGAA STATX
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	ENSG00000080224|EPHA6	ENSG00000080709|KCNN2	ENSG00000087301|KIAA1344	ENSG00000089902|RCOR1	ENSG00000090447|TFAP4	ENSG00000090905|TNRC6A	ENSG00000099381|SETD1A	ENSG00000101126|ADNP					
	ENSG00000103066|LYPLA3	ENSG00000103326|SOLH	ENSG00000104522|TSTA3	ENSG00000110328|GALNTL4	ENSG00000111229|ARPC3	ENSG00000113645|WWC1	ENSG00000115616|SLC9A2	ENSG00000116981|NT5C1A					
	ENSG00000118276|B4GALT6	ENSG00000118432|CNR1	ENSG00000118495|PLAGL1	ENSG00000119283|TRIM67	ENSG00000121039|RDH10	ENSG00000125266|EFNB2	ENSG00000125533|BHLHB4	ENSG00000127329|PTPRB					
	ENSG00000129219|PLD2	ENSG00000130201|EXOC3L2	ENSG00000130675|HLXB9	ENSG00000133926|MYH10	ENSG00000134461|ANKRD16	ENSG00000135930|EIF4E2	ENSG00000137177|KIF13A	ENSG00000138071|ACTR2					
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	ENSG00000141858|SAMD1	ENSG00000142279|WTIP	ENSG00000143032|BARHL2	ENSG00000143195|C1orf32	ENSG00000143878|RHOB	ENSG00000145506|NKD2	ENSG00000149554|CHEK1	ENSG00000153234|NR4A2					
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	ENSG00000197024|ZNF398	ENSG00000203727|SAMD5	ENSG00000204468|C1orf196	ENSG00000204545|LOC441617	ENSG00000205102|A4D0X6_HUMAN	ENSG00000205212|NP_001004306.1	ENSG00000019549|SNAI2	ENSG00000033050|ABCF2					
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	ENSG00000176014|TUBB6	ENSG00000176101|SSNA1	ENSG00000176946|THAP4	ENSG00000177602|GSG2	ENSG00000179941|BBS10	ENSG00000183474|NP_001035955.1	ENSG00000184226|PCDH9	ENSG00000185198|PRSSL1					
	ENSG00000186132|NP_001017927.1	ENSG00000186432|KPNA4	ENSG00000188554|NBR1	ENSG00000198003|NP_659482.3	ENSG00000198961|PJA2	ENSG00000203709|C1orf132	ENSG00000204152|Q5SRD2_HUMAN	ENSG00000204164|Q6P095_HUMAN					
	ENSG00000204177|Q6P095_HUMAN	ENSG00000204938|Q6ZUS7_HUMAN	ENSG00000000003|TSPAN6	ENSG00000004897|CDC27	ENSG00000006128|TAC1	ENSG00000040275|CCDC99	ENSG00000073756|PTGS2	ENSG00000079482|OPHN1					
	ENSG00000087502|ERGIC2	ENSG00000088451|TGDS	ENSG00000089157|RPLP0	ENSG00000100104|ANKRD54	ENSG00000100601|ALKBH1	ENSG00000104823|ECH1	ENSG00000107371|EXOSC3						
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	ENSG00000127184|COX7C	ENSG00000135341|MAP3K7	ENSG00000136940|PDCL	ENSG00000138738|PRDM5	ENSG00000140365|COMMD4	ENSG00000140400|MAN2C1	ENSG00000141971|FAM125A	ENSG00000142676|RPL11					
	ENSG00000150316|NP_057487.2	ENSG00000150667|FSIP1	ENSG00000154723|ATP5J	ENSG00000154767|XPC	ENSG00000155876|RRAGA	ENSG00000156976|EIF4A2	ENSG00000165055|METTL2B	ENSG00000165659|DACH1					
	ENSG00000166734|CASC4	ENSG00000167283|ATP5L	ENSG00000171109|MFN1	ENSG00000173126|PCP4L1	ENSG00000173215|Q96HQ8_HUMAN	ENSG00000174021|GNG5	ENSG00000174353|NP_061864.2	ENSG00000175040|CHST2					
	ENSG00000175792|RUVBL1	ENSG00000176623|FAM82B	ENSG00000177489|OR2G2	ENSG00000181789|COPG	ENSG00000182663|LOC649839	ENSG00000182899|RPL35A	ENSG00000185115|NDNL2	ENSG00000187778|MCRS1					
	ENSG00000187969|ZCCHC13	ENSG00000189180|ZNF33A	ENSG00000196459|SEDLP	ENSG00000197780|TAF13	ENSG00000198034|RPS4X	ENSG00000198625|MDM4	ENSG00000203812|HIST2H2AA4	ENSG00000205649|HTN3					
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	TTTCCG Xie:CAnTTCCS	STAT1											
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	ENSG00000110906|KCTD10	ENSG00000113194|UBXD8	ENSG00000119508|NR4A3	ENSG00000123815|ADCK4	ENSG00000125484|GTF3C4	ENSG00000132581|SDF2	ENSG00000151948|GLT1D1						
	ENSG00000152455|SUV39H2	ENSG00000154719|MRPL39	ENSG00000155592|ZKSCAN2	ENSG00000157259|GATAD1	ENSG00000160207|HSF2BP	ENSG00000161217|PCYT1A	ENSG00000162666|KIAA0040	ENSG00000167280|NP_001036038.1					
	ENSG00000168002|POLR2G	ENSG00000168303|C7orf11	ENSG00000170906|NDUFA3	ENSG00000171311|EXOSC1	ENSG00000171863|RPS7	ENSG00000172046|USP19	ENSG00000172831|CES2	ENSG00000173482|PTPRM					
	ENSG00000173540|GMPPB	ENSG00000173926|MARCH3	ENSG00000175600|C7orf10	ENSG00000177600|RPLP2	ENSG00000178093|TSSK6	ENSG00000182512|GLRX5	ENSG00000183610|C8orf51	ENSG00000185522|C11orf35					
	ENSG00000186364|NUDT17	ENSG00000189339|SLC35E2	ENSG00000196678|EXOD1	ENSG00000204666|NP_001001687.1	ENSG00000205452|Q6ZQQ9_HUMAN	ENSG00000001497|LAS1L	ENSG00000048544|MRPS10	ENSG00000060709|RIMBP2					
	ENSG00000065615|CYB5R4	ENSG00000068097|NP_071353.4	ENSG00000076321|KLHL20	ENSG00000077327|SPAG6	ENSG00000078142|PIK3C3	ENSG00000081320|STK17B	ENSG00000099968|BCL2L13	ENSG00000100442|FKBP3					
	ENSG00000101115|SALL4	ENSG00000101811|CSTF2	ENSG00000102699|PARP4	ENSG00000103591|P34_HUMAN	ENSG00000105372|RPS19	ENSG00000106344|RBM28	ENSG00000107960|OBFC1	ENSG00000108055|SMC3					
	ENSG00000109321|AREG_HUMAN	ENSG00000109472|CPE	ENSG00000111615|KRR1	ENSG00000112282|CRSP3	ENSG00000113657|DPYSL3	ENSG00000114573|ATP6V1A	ENSG00000115274|ZNHIT4	ENSG00000119707|RBM25					
	ENSG00000119977|C10orf61	ENSG00000121579|NAT13	ENSG00000122550|KLHL7	ENSG00000123473|STIL	ENSG00000126858|RHOT1	ENSG00000127359|KIAA1147	ENSG00000128254|C22orf24	ENSG00000128694|OSGEPL1					
	ENSG00000132604|TERF2	ENSG00000135002|RFK	ENSG00000135248|NP_115988.1	ENSG00000135341|MAP3K7	ENSG00000135900|MRPL44	ENSG00000136160|EDNRB	ENSG00000136250|AOAH	ENSG00000136866|ZFP37					
	ENSG00000137075|RNF38	ENSG00000137656|BUD13	ENSG00000137714|FDX1	ENSG00000137942|FNBP1L	ENSG00000138041|SMEK2	ENSG00000139350|NEDD1	ENSG00000139908|TSSK4	ENSG00000140400|MAN2C1					
	ENSG00000140450|ARRDC4	ENSG00000141564|RPTOR_HUMAN	ENSG00000142546|NOSIP	ENSG00000143155|TIPRL	ENSG00000143207|RFWD2	ENSG00000143228|NUF2	ENSG00000144827|ABHD10	ENSG00000147162|OGT					
	ENSG00000152133|CCDC75	ENSG00000154945|ANKRD40	ENSG00000156603|MED19	ENSG00000157828|RPS4Y2	ENSG00000159200|DSCR1	ENSG00000162627|SNX7	ENSG00000163116|NP_777612.1	ENSG00000163655|GMPS					
	ENSG00000164011|ZNF691	ENSG00000164332|UBLCP1	ENSG00000165046|LETM2	ENSG00000165487|EFHA1	ENSG00000166405|RIC3	ENSG00000167196|FBXO22	ENSG00000168028|RPSAP15	ENSG00000168658|NP_659429.4					
	ENSG00000168904|LRRC28	ENSG00000171307|ZDHHC16	ENSG00000174595|KLF14	ENSG00000175662|TOM1L2	ENSG00000175781|Q9H5L9_HUMAN	ENSG00000175787|ZNF169	ENSG00000177613|CSTF2T	ENSG00000178913|TAF7					
	ENSG00000179115|FARSA	ENSG00000179384|Q9NWJ7_HUMAN	ENSG00000180881|CAPS2	ENSG00000182093|WRB	ENSG00000186496|ZNF396	ENSG00000187187|ZNF546	ENSG00000187754|SSX2	ENSG00000187790|FANCM					
	ENSG00000188408|MAGEB5	ENSG00000197140|ADAM32	ENSG00000197753|LHFPL5	ENSG00000198026|ZNF335	ENSG00000198089|SFI1	ENSG00000198518|HIST1H4E	ENSG00000198799|LRIG2	ENSG00000204815|TTC25					
	ENSG00000204964|PCDHA6												
	GTTCCG Xie:CAnTTCCS	STAT1											
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	ENSG00000085872|CHERP	ENSG00000089234|BRAP	ENSG00000092529|CAPN3	ENSG00000100348|TXN2	ENSG00000100591|AHSA1	ENSG00000101158|TH1L	ENSG00000101181|GTPBP5	ENSG00000101654|RNMT					
	ENSG00000102078|SLC25A14	ENSG00000103126|AXIN1	ENSG00000103978|TMEM87A	ENSG00000104228|TRIM35	ENSG00000105617|LENG1	ENSG00000105705|SF4	ENSG00000105726|ATP13A1	ENSG00000105879|CBLL1					
	ENSG00000106245|BUD31	ENSG00000106636|YKT6	ENSG00000107164|FUBP3	ENSG00000107185|KIAA0258	ENSG00000107949|BCCIP	ENSG00000108061|SHOC2	ENSG00000108604|SMARCD2	ENSG00000109066|TMEM104					
	ENSG00000109736|NP_001111.2	ENSG00000110768|GTF2H1	ENSG00000111229|ARPC3	ENSG00000111271|ACAD10	ENSG00000113615|SEC24A	ENSG00000114383|TUSC2	ENSG00000114648|KLHL18	ENSG00000116151|MORN1					
	ENSG00000116213|WDR8	ENSG00000117395|EBNA1BP2	ENSG00000122565|CBX3	ENSG00000122566|HNRPA2B1	ENSG00000122678|POLM	ENSG00000123975|CKS2	ENSG00000125885|MCM8	ENSG00000126432|PRDX5					
	ENSG00000127080|IPPK	ENSG00000130305|NSUN5	ENSG00000130489|SCO2	ENSG00000130544|ZNF557	ENSG00000130733|YIPF2	ENSG00000130764|LRRC47	ENSG00000131653|TRAF7	ENSG00000132661|NXT1					
	ENSG00000134153|C15orf24	ENSG00000134369|NAV1	ENSG00000135392|DNAJC14	ENSG00000136827|TOR1A	ENSG00000136925|C9orf97	ENSG00000137522|RNF121	ENSG00000138834|MAPK8IP3	ENSG00000138942|RNF185					
	ENSG00000141933|C19orf20	ENSG00000144034|TPRKB	ENSG00000145022|TCTA	ENSG00000145063|NM_182586	ENSG00000145194|ECE2	ENSG00000145907|G3BP1	ENSG00000146676|PURB	ENSG00000148339|SLC25A25					
	ENSG00000148362|C9orf142	ENSG00000148843|PDCD11	ENSG00000149016|TUT1	ENSG00000149532|CPSF7_HUMAN	ENSG00000150873|C2orf50	ENSG00000152953|STK32B	ENSG00000160961|ZNF333	ENSG00000163466|ARPC2					
	ENSG00000164012|WDR65	ENSG00000164587|RPS14	ENSG00000165233|C9orf89	ENSG00000165416|SUGT1	ENSG00000166171|NP_056263.1	ENSG00000166595|FAM96B	ENSG00000167394|ZNF668	ENSG00000167395|ZNF646					
	ENSG00000167985|C11orf79	ENSG00000168591|TMUB2	ENSG00000169217|CD2BP2	ENSG00000169223|LMAN2	ENSG00000169230|PRELID1	ENSG00000169612|FAM103A1	ENSG00000169955|ZNF747	ENSG00000169976|SF3B5					
	ENSG00000170100|Q96MU6-2	ENSG00000171014|XKR6	ENSG00000171169|C9orf90	ENSG00000171222|SCAND1	ENSG00000171266|ZNF274	ENSG00000172831|CES2	ENSG00000173113|TR112_HUMAN	ENSG00000173545|ZNF622					
	ENSG00000175756|AURKAIP1	ENSG00000176994|SMCR8	ENSG00000177302|TOP3A	ENSG00000178223|Q96KT8_HUMAN	ENSG00000178537|SLC25A20	ENSG00000179361|ARID3B	ENSG00000179765|Q8N896_HUMAN	ENSG00000180182|CRSP2					
	ENSG00000181135|ZNF707	ENSG00000182004|SNRPE	ENSG00000182205|Q6ZUT0_HUMAN	ENSG00000182405|PGBD4	ENSG00000182796|Q6UWI1_HUMAN	ENSG00000184886|PIGW	ENSG00000185509|Q8N2X6_HUMAN	ENSG00000187531|SIRT7					
	ENSG00000188827|BTBD12	ENSG00000188996|HUS1	ENSG00000196290|NIF3L1	ENSG00000197003|P461_HUMAN	ENSG00000198218|QRICH1	ENSG00000204034|Q9BRQ9_HUMAN	ENSG00000204289|C17orf86	ENSG00000204569|PPP1R10					
	ENSG00000204599|TRIM39	ENSG00000205235|Q9BVU7_HUMAN	ENSG00000205972|Q8NBC0_HUMAN	ENSG00000206028|Q6ZVA3_HUMAN	ENSG00000206535|A1A4G5_HUMAN	ENSG00000029639|TFB1M	ENSG00000037749|MFAP3	ENSG00000041802|LSG1					
	ENSG00000042429|CRSP6	ENSG00000046647|GEMIN8	ENSG00000064419|TNPO3	ENSG00000068654|POLR1A	ENSG00000068784|SRBD1	ENSG00000073614|JARID1A	ENSG00000078142|PIK3C3						
	ENSG00000081154|PCNP	ENSG00000083814|ZNF671	ENSG00000088832|FKBP1A	ENSG00000089195|TRM6_HUMAN	ENSG00000090470|PDCD7	ENSG00000099968|BCL2L13	ENSG00000100296|THOC5	ENSG00000100632|ERH					
	ENSG00000101751|POLI	ENSG00000103043|VAC14	ENSG00000103591|P34_HUMAN	ENSG00000103769|RAB11A	ENSG00000104643|MTMR9	ENSG00000104979|C19orf53	ENSG00000105058|FAM32A	ENSG00000105372|RPS19					
	ENSG00000106133|NSUN5C	ENSG00000106261|ZKSCAN1	ENSG00000111652|COPS7A	ENSG00000111880|RNGTT	ENSG00000115548|JMJD1A	ENSG00000117335|CD46	ENSG00000120539|MASTL	ENSG00000120860|CCDC53					
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	ENSG00000139233|C12orf31	ENSG00000141140|MYOHD1	ENSG00000141140|FAM125A	ENSG00000142002|DPP9	ENSG00000142546|NOSIP	ENSG00000144747|TMF1	ENSG00000145868|FBXO38	ENSG00000150316|NP_057487.2					
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	ENSG00000189348|LOC646508	ENSG00000196345|ZNF167	ENSG00000196505|GDAP2	ENSG00000197976|CXYorf3	ENSG00000198826|ARHGAP11A	ENSG00000204463|BAT3	ENSG00000204519|ZNF551	ENSG00000204568|MRPS18B				
	ENSG00000204628|GNB2L1	ENSG00000204822|MRPL53										
	CGGAAG Xie:CCGGAART	ELK-1										
	CGGAAG Xie:MGGAWGT	PEA3										
	CTTCCG Xie:CAnTTCCS	STAT1										
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	ENSG00000131504|DIAPH1	ENSG00000133619|KRBA1	ENSG00000138814|PPP3CA	ENSG00000141552|ANAPC11	ENSG00000142178|SNF1LK	ENSG00000147050|UTX	ENSG00000148803|C10orf125	ENSG00000151079|KCNA6				
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	ENSG00000162002|Q96S13_HUMAN	ENSG00000162552|WNT4	ENSG00000163840|DTX3L	ENSG00000163885|CCDC37	ENSG00000164038|NP_849155.2	ENSG00000164366|CCDC127	ENSG00000165238|WNK2	ENSG00000165379|LRFN5				
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	ENSG00000050628|PTGER3	ENSG00000058063|ATP11B	ENSG00000066855|MTFR1	ENSG00000068784|SRBD1	ENSG00000075391|RASAL2	ENSG00000076513|ANKRD13A	ENSG00000086189|DIMT1L	ENSG00000087995|METTL2A				
	ENSG00000100379|KCTD17	ENSG00000100596|SPTLC2	ENSG00000100731|PCNX	ENSG00000107175|CREB3	ENSG00000107311|EXOSC3	ENSG00000108055|SMC3	ENSG00000108469|RECQL5	ENSG00000112208|BAG2				
	ENSG00000112238|PRDM13	ENSG00000113712|CSNK1A1	ENSG00000114023|C3orf28	ENSG00000117899|MESDC2	ENSG00000118816|CCNI	ENSG00000122033|MTIF3	ENSG00000124120|C20orf121	ENSG00000128606|LRRC17				
	ENSG00000130177|CDC16	ENSG00000132549|VPS13B	ENSG00000133935|C14orf1	ENSG00000134982|APC	ENSG00000136870|ZNF189	ENSG00000136875|PRPF4	ENSG00000137075|RNF38	ENSG00000137818|RPLP1				
	ENSG00000139233|C12orf31	ENSG00000139641|FAM62A	ENSG00000142583|SLC2A5	ENSG00000143971|ETAA1	ENSG00000144029|MRPS5	ENSG00000144785|TMEM4	ENSG00000152133|CCDC75	ENSG00000153721|MAGI1				
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	ENSG00000183462|Q76N57_HUMAN	ENSG00000184260|HIST2H2AC	ENSG00000184371|CSF1	ENSG00000184678|HIST2H2BE	ENSG00000186001|LRCH3	ENSG00000187607|ZNF286A	ENSG00000188693|NP_001038940.1	ENSG00000188707|C7orf29				
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	ENSG00000049618|ARID1B	ENSG00000056736|IL17RB	ENSG00000058091|PFTK1	ENSG00000059377|TBXAS1	ENSG00000060237|WNK1	ENSG00000066735|Q96GK3_HUMAN	ENSG00000067082|KLF6	ENSG00000071564|TCF3				
	ENSG00000072071|LPHN1	ENSG00000075275|CELSR1	ENSG00000077150|NFKB2	ENSG00000080845|DLGAP4	ENSG00000087510|TFAP2C	ENSG00000088256|GNA11						
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	ENSG00000099889|ARVCF	ENSG00000099899|HTF9C_HUMAN	ENSG00000099904|ZDHHC8	ENSG00000099953|MMP11	ENSG00000100221|JOSD1	ENSG00000100243|CYB5R3	ENSG00000100485|SOS2	ENSG00000100811|YY1				
	ENSG00000101182|PSMA7	ENSG00000101213|PTK6	ENSG00000102606|ARHGEF7	ENSG00000102898|NUTF2	ENSG00000103126|AXIN1	ENSG00000103152|MPG	ENSG00000103326|SOLH	ENSG00000103449|SALL1				
	ENSG00000104529|EEF1D	ENSG00000105173|CCNE1	ENSG00000105223|PLD3	ENSG00000105339|DENND3	ENSG00000105357|MYH14	ENSG00000106733|C9orf95	ENSG00000108352|RAPGEFL1	ENSG00000108946|PRKAR1A				
	ENSG00000112941|POLS	ENSG00000115112|TFCP2L1	ENSG00000115687|PASK	ENSG00000115808|STRN	ENSG00000116095|PLEKHA3	ENSG00000118639|RNF103	ENSG00000118894|FAM86A	ENSG00000118900|UBN1				
	ENSG00000119771|KLHL29	ENSG00000119862|NP_054900.1	ENSG00000119900|OGFRL1	ENSG00000120910|PPP3CC	ENSG00000120925|RNF170	ENSG00000124831|LRRFIP1	ENSG00000125352|RNF113A	ENSG00000125510|OPRL1				
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	ENSG00000138031|ADCY3	ENSG00000138411|HECW2	ENSG00000138767|CNOT6L	ENSG00000139438|C12orf34	ENSG00000139631|CSAD	ENSG00000139651|ZNF740	ENSG00000140044|NP_569736.1	ENSG00000140090|SLC24A4					
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	ENSG00000100241|SBF1	ENSG00000104967|NOVA2	ENSG00000105438|KDELR1	ENSG00000118894|FAM86A	ENSG00000122133|PAEP	ENSG00000126903|SLC10A3	ENSG00000129204|USP6	ENSG00000129990|SYT5			
	ENSG00000132821|C20orf102	ENSG00000134779|C18orf10	ENSG00000135930|EIF4E2	ENSG00000136059|VILL	ENSG00000138615|CILP	ENSG00000145002|FAM86B1	ENSG00000148123|NP_060223.2	ENSG00000148346|LCN2			
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	ENSG00000165689|SDCCAG3	ENSG00000166183|Q86U10_HUMAN	ENSG00000166483|WEE1	ENSG00000167191|GPRC5B	ENSG00000170542|SERPINB9	ENSG00000171567|TIGD1	ENSG00000172247|C1QTNF4	ENSG00000172257|Q96S03_HUMAN			
	ENSG00000172846|Q9NYS9_HUMAN	ENSG00000176984|Q8N8C5_HUMAN	ENSG00000177521|Q8NAM0_HUMAN	ENSG00000178243|C9orf62	ENSG00000181588|RKHD1	ENSG00000182168|UNC5C	ENSG00000184908|CLCNKB	ENSG00000185321|DRD5P2			
	ENSG00000185619|PCGF3	ENSG00000186189|Q9H7R1_HUMAN	ENSG00000186510|CLCNKA	ENSG00000186523|NR_003494.1	ENSG00000187045|TMPRSS6	ENSG00000187624|NP_001013694.3	ENSG00000188230|NP_001013751.1	ENSG00000196361|ELAVL3			
	ENSG00000197051|Q6ZN73_HUMAN	ENSG00000197797|FAM30A	ENSG00000198211|MC1R	ENSG00000198892|TMEM58	ENSG00000203781|Q5M770_HUMAN	ENSG00000204034|Q9BRQ9_HUMAN	ENSG00000006757|PNPLA4				
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	ENSG00000126107|HECTD3	ENSG00000129474|JUB	ENSG00000130948|HSD17B3	ENSG00000132406|TMEM128	ENSG00000136573|BLK	ENSG00000136932|C9orf156	ENSG00000138079|SLC3A1				
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	ENSG00000169174|PCSK9	ENSG00000169194|IL13	ENSG00000170323|FABP4	ENSG00000170464|DNAJC18	ENSG00000171864|PRND	ENSG00000172269|DPAGT1	ENSG00000172404|DNAJB7	ENSG00000174792|C4orf26			
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	ENSG00000154493|C10orf90	ENSG00000155659|VSIG4	ENSG00000163534|FCRL1	ENSG00000164822|DEFA6	ENSG00000164934|WDSOF1	ENSG00000165899|C12orf64	ENSG00000166902|MRPL16	ENSG00000171420|LOC730743							
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	ENSG00000186970|KRTAP15-1	ENSG00000187141|hCG_1644301	ENSG00000188693|NP_001038940.1	ENSG00000189308|LIN54	ENSG00000196417|ZNF578	ENSG00000196693|ZNF33B	ENSG00000204356|RDBP	ENSG00000204695|OR5U1							
	ENSG00000205555|Q6ZT32_HUMAN	ENSG00000205557|Q6ZUR6_HUMAN													
	CTTTGA	Xie:CTTTGA	LEF1												
	TCAAAG	Xie:WTCAAAGS	TCF-4												
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	ENSG00000099972|MICAL3	ENSG00000100142|POLR2F	ENSG00000100650|SFRS5	ENSG00000101347|SAMHD1	ENSG00000103194|USP10	ENSG00000104889|RNASEH2A	ENSG00000105723|GSK3A	ENSG00000106266|SNX8							
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	ENSG00000128242|GAL3ST1	ENSG00000129353|SLC44A2	ENSG00000131095|GFAP	ENSG00000135070|ISCA1	ENSG00000135820|NP_997350.1	ENSG00000136828|RALGPS1	ENSG00000142621|FHAD1	ENSG00000142945|KIF2C							
	ENSG00000157368|C16orf77	ENSG00000160209|PDXK	ENSG00000161640|SIGLEC11	ENSG00000163362|C1orf106	ENSG00000163814|CDCP1	ENSG00000163932|PRKCD	ENSG00000164053|TREX1	ENSG00000164465|DCBLD1							
	ENSG00000166501|PRKCB1	ENSG00000167600|CYP2S1	ENSG00000167641|PPP1R14A	ENSG00000168269|FOXI1	ENSG00000168334|CMYA1	ENSG00000169188|APEX2	ENSG00000169410|PTPN9	ENSG00000169910|ASL							
	ENSG00000175130|MARCKSL1	ENSG00000176182|NP_001012661.1	ENSG00000176710|C19orf31	ENSG00000182873|Q9NW32_HUMAN	ENSG00000182901|RGS7	ENSG00000184836|C21orf86	ENSG00000185214|KLHL22	ENSG00000185519|FAM131C							
	ENSG00000197006|METTL9	ENSG00000197024|ZNF398	ENSG00000203865|Q5TC04_HUMAN	ENSG00000204618|RNF39	ENSG00000026508|CD44	ENSG00000049192|ADAMTS6	ENSG00000056998|GYG2	ENSG00000060718|COL11A1							
	ENSG00000079435|LIPE	ENSG00000102241|HTATSF1	ENSG00000105289|TJP3	ENSG00000108417|KRT37	ENSG00000108960|MMD	ENSG00000115970|THADA	ENSG00000116745|RPE65								
	ENSG00000119636|C14orf45	ENSG00000120437|ACAT2	ENSG00000123240|OPTN	ENSG00000123684|LPGAT1	ENSG00000128524|ATP6V1F	ENSG00000129354|AP1M2	ENSG00000132938|KIAA0774	ENSG00000134588|USP26							
	ENSG00000137648|TMPRSS4	ENSG00000138606|SHF	ENSG00000141736|ERBB2	ENSG00000146378|TAAR2	ENSG00000146707|POMZP3	ENSG00000149962|Q5SYT8_HUMAN	ENSG00000152409|NP_689618.2	ENSG00000154822|PLCL2							
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	ENSG00000172464|OR5AP2	ENSG00000174279|EVX2	ENSG00000176695|OR4F17	ENSG00000176716|Q8NGM4_HUMAN	ENSG00000176746|MAGEB6	ENSG00000177693|OR4F5	ENSG00000180999|C1orf105	ENSG00000183419|Q9P1I3_HUMAN							
	ENSG00000184114|YYY4_HUMAN	ENSG00000184492|FOXD4	ENSG00000185634|SHC4	ENSG00000186970|KRTAP15-1	ENSG00000187978|Q9UCR6_HUMAN	ENSG00000196081|ZNF724P	ENSG00000197472|ZNF695	ENSG00000197583|Q8NHA3_HUMAN							
	ENSG00000198293|Q96HM8_HUMAN	ENSG00000204086|RPA4	ENSG00000204362|Q6ZS05_HUMAN	ENSG00000204646|Q8NGA4_HUMAN	ENSG00000205499|Q6ZSX3_HUMAN										
	GAATGA	Xie:GAAnnWTCK	HSF2												
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	ENSG00000076928|ARHGEF1	ENSG00000079385|CEACAM1	ENSG00000082014|SMARCD3	ENSG00000087085|ACHE	ENSG00000087245|MMP2	ENSG00000088002|SULT2B1	ENSG00000090661|LASS4	ENSG00000095752|IL11							
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	ENSG00000115593|SMYD1	ENSG00000121047|ACAT2	ENSG00000121064|SCPEP1	ENSG00000124493|GRM4	ENSG00000125482|TTF1	ENSG00000130748|TMEM160	ENSG00000134532|SOX5	ENSG00000137976|DNASE2B							
	ENSG00000141498|Q9P0C7_HUMAN	ENSG00000146021|KLHL3	ENSG00000147488|ST18	ENSG00000161057|PSMC2	ENSG00000169728|NP_001074325.1	ENSG00000172824|Q6P2E5_HUMAN	ENSG00000172995|ARP21_HUMAN	ENSG00000178078|NP_060190.2							
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	ENSG00000197416|LOC650722	ENSG00000197632|SERPINB2	ENSG00000197657|ZNF323	ENSG00000198012|XR_017841.1	ENSG00000198112|Q6ZNN2_HUMAN	ENSG00000203965|NP_115813.1	ENSG00000204188|GGNB1_HUMAN	ENSG00000204258|HLA-DMB							
	ENSG00000204384|Q4ZG13_HUMAN	ENSG00000204557|Q6ZU51_HUMAN	ENSG00000204596|RPP21	ENSG00000204743|Q6ZW50_HUMAN											
	TCTGTC	Xie:TGTCTGTCT	SMAD-3												
GACCAA	ENSG00000088038|CNOT3	ENSG00000099725|PRKY	ENSG00000100918|REC8	ENSG00000104824|HNRPL	ENSG00000104856|RELB	ENSG00000105072|C19orf44	ENSG00000105426|PTPRS	ENSG00000105568|PPP2R1A							
	ENSG00000105929|ATP6V0A4	ENSG00000106105|GARS	ENSG00000108389|MTMR4	ENSG00000122390|NP_079121.1	ENSG00000127226|NP_116072.2	ENSG00000128438|Q9H7M0_HUMAN	ENSG00000129586|ZBED5	ENSG00000130695|CCDC21							
	ENSG00000133794|ARNTL	ENSG00000136717|BIN1	ENSG00000141161|UNC45B	ENSG00000143614|GATAD2B	ENSG00000150433|NP_001074015.1	ENSG00000153339|KIAA1012	ENSG00000158022|TRIM63	ENSG00000159199|ATP5G1							
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	ENSG00000179958|NP_077001.1	ENSG00000180156|Q8N2A4_HUMAN	ENSG00000180806|HOXC9	ENSG00000182541|LIMK2	ENSG00000182776|NP_001013709.1	ENSG00000183305|MAGEA6	ENSG00000184750|MAGEA2	ENSG00000186205|MOSC1							
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	ENSG00000154721|JAM2	ENSG00000155304|STCH	ENSG00000158528|PPP1R9A	ENSG00000164386|NP_997378.2	ENSG00000169164|Q4VXH5_HUMAN	ENSG00000169892|Q6ZQP7_HUMAN	ENSG00000170927|PKHD1	ENSG00000172209|GPR22							
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	ENSG00000196533|C1orf186	ENSG00000204065|TCEAL5	ENSG00000204252|HLA-DOA	ENSG00000207939|hsa-mir-223											
	TTGGTC	Xie:YSATTGGYY	NF-Y												
GACGTC	ENSG00000006377|DLX6	ENSG00000014164|ZC3H3	ENSG00000047849|WDR37	ENSG00000047849|MAP4	ENSG00000060656|PTPRU	ENSG00000061656|SPAG4	ENSG00000067064|IDI1	ENSG00000068383|INPP5A							
	ENSG00000069345|DNAJA2	ENSG00000073111|MCM2	ENSG00000075914|EXOSC7	ENSG00000076864|RAP1GAP	ENSG00000089486|C16orf5	ENSG00000090565|RAB11FIP3	ENSG00000100380|ST13	ENSG00000101084|C20orf24							
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	ENSG00000112182|BACH2	ENSG00000112406|HECA	ENSG00000115137|NP_057628.1	ENSG00000117868|FAM62B	ENSG00000120129|DUSP1	ENSG00000126070|EIF2C3	ENSG00000126254|NP_077297.2	ENSG00000130309|GLT25D1							
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	ENSG00000128513|POT1	ENSG00000130772|MED18	ENSG00000131778|CHD1L	ENSG00000134453|RBM17	ENSG00000134640|MTNR1B	ENSG00000135018|UBQLN1	ENSG00000139372|TDG	ENSG00000145386|CCNA2								
	ENSG00000145439|CBR4	ENSG00000147996|CBWD1	ENSG00000162757|C1orf74	ENSG00000163344|PMVK	ENSG00000164037|NP_631912.2	ENSG00000164163|ABCE1	ENSG00000165496|RPL10L	ENSG00000166133|RPUSD2								
	ENSG00000171174|RBKS	ENSG00000171711|DEFB4	ENSG00000174373|GARNL1	ENSG00000175854|C9orf119	ENSG00000177257|BD02_HUMAN	ENSG00000178074|NP_710156.2	ENSG00000178105|DDX10	ENSG00000185753|CXorf38								
	ENSG00000185897|FFAR3	ENSG00000186591|UBE2H	ENSG00000203801|Q5R3E8_HUMAN													
	GACGTC Xie:TGACGTMA	CREB														
	GACGTC Xie:TGACGTMA	CREB														
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	ENSG00000084652|TXLNA	ENSG00000085185|BCORL1	ENSG00000089486|C16orf5	ENSG00000099364|FBXL19	ENSG00000100591|AHSA1	ENSG00000100889|PCK2	ENSG00000102891|MT4	ENSG00000103269|RHBDL1								
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	ENSG00000151445|C14orf133	ENSG00000151500|THYN1	ENSG00000153207|AHCTF1	ENSG00000154027|AK5	ENSG00000156973|PDE6D	ENSG00000157045|NTAN1	ENSG00000161677|JOSD2	ENSG00000163536|SERPINI1								
	ENSG00000163995|ABLIM2	ENSG00000164076|CAMKV	ENSG00000164543|STK17A	ENSG00000164885|CDK5	ENSG00000164889|SLC4A2	ENSG00000164944|KIAA1429	ENSG00000165283|STOML2	ENSG00000165338|HECTD2								
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	ENSG00000184148|SPRR4	ENSG00000184210|DGAT2L6	ENSG00000184330|S100A7A	ENSG00000184828|ZBTB7C	ENSG00000185231|MC2R	ENSG00000186130|ZBTB6	ENSG00000186710|LOC387885	ENSG00000187775|DNAH17
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	ENSG00000186480|INSIG1	ENSG00000186649|NM_182631	ENSG00000187667|Q1A5X8_HUMAN	ENSG00000187902|LOC729956	ENSG00000188064|WNT7B	ENSG00000188437|Q6ZWA3_HUMAN	ENSG00000188522|FAM83G	ENSG00000188580|TCBA1							
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	ENSG00000203808|Q5T552_HUMAN	ENSG00000204121|Q6NXF3_HUMAN	ENSG00000204128|LOC257407	ENSG00000204394|VARS	ENSG00000204545|LOC441617	ENSG00000204599|TRIM39	ENSG00000205269|Q5T4T1_HUMAN	ENSG00000205410|Q6ZS46_HUMAN							
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	ENSG00000057704|TMCC3	ENSG00000065135|GNAI3	ENSG00000072319|ALG13	ENSG00000075790|BCAP29	ENSG00000082497|SERTAD4	ENSG00000095564|BTAF1	ENSG00000095587|TLL2	ENSG00000100632|ERH							
	ENSG00000100983|GSS	ENSG00000101079|NDRG3	ENSG00000101746|NOL4	ENSG00000107581|EIF3S10	ENSG00000108592|FTSJ3	ENSG00000109472|CPE	ENSG00000110975|SYT10	ENSG00000112130|RNF8							
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	ENSG00000125814|NAPB	ENSG00000125850|OVOL2	ENSG00000128641|MYO1B	ENSG00000129128|SPCS3	ENSG00000130988|RGN	ENSG00000131831|RAI2	ENSG00000131969|ABHD12B	ENSG00000132964|CDK8							
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	ENSG00000124302|CHST8	ENSG00000124733|MEA1	ENSG00000126882|FAM78A	ENSG00000126890|CTAG2	ENSG00000127080|IPPK	ENSG00000127946|HIP1	ENSG00000128159|TUBGCP6	ENSG00000128594|LRRC4							
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	ENSG00000102699|PARP4	ENSG00000104325|DECR1	ENSG00000104866|O75864_HUMAN	ENSG00000106603|C7orf44	ENSG00000107566|CHUK	ENSG00000107789|MINPP1	ENSG00000112237|CCNC	ENSG00000114030|KPNA1							
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	ENSG00000168214|RBPJ	ENSG00000168300|PCMTD1	ENSG00000168438|CDC40	ENSG00000168621|GDNF	ENSG00000169957|ZNF768	ENSG00000171456|ASXL1	ENSG00000173011|Q86TJ2_HUMAN	ENSG00000173013|CCDC96							
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	ENSG00000142556|ZNF614	ENSG00000146416|AIG1	ENSG00000146904|EPHA1	ENSG00000147124|ZNF41	ENSG00000147419|CCDC25	ENSG00000148057|C9orf103	ENSG00000151014|CCRN4L	ENSG00000152894|PTPRK			
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	ENSG00000166073|GPR176	ENSG00000166710|B2M	ENSG00000166822|TMEM170	ENSG00000168004|HRASLS5	ENSG00000168228|ZCCHC4	ENSG00000168412|MTNR1A	ENSG00000171135|JAGN1	ENSG00000171617|ENC1			
	ENSG00000172531|PPP1CA	ENSG00000172817|CYP7B1	ENSG00000174574|C1orf108	ENSG00000176119|Q96N27_HUMAN	ENSG00000176273|TMEM20	ENSG00000176396|EID2	ENSG00000178127|NDUFV2	ENSG00000178988|MRFAP1L1			
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	ENSG00000196741|CXorf24	ENSG00000198026|ZNF335	ENSG00000203946|NP_001017438.1	ENSG00000203948|NP_001017435.1	ENSG00000204271|SPIN3	ENSG00000205542|TMSL1					
	GGGCGC Xie:GTGGGSGC	EGR									
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	ENSG00000071054|MAP4K4	ENSG00000071626|DAZAP1	ENSG00000078668|VDAC3	ENSG00000085788|DDHD2	ENSG00000085872|CHERP	ENSG00000087903|ARS2_HUMAN	ENSG00000087903|RFX2	ENSG00000090372|STRN4			
	ENSG00000092964|DPYSL2	ENSG00000093000|NUP50	ENSG00000099804|CDC34	ENSG00000100181|CSNK1E	ENSG00000100263|RHBDD3	ENSG00000100568|VTI1B	ENSG00000100626|GALNTL1	ENSG00000102900|NUP93			
	ENSG00000103274|NUBP1	ENSG00000103351|CLUAP1	ENSG00000103495|MAZ	ENSG00000104369|JPH1	ENSG00000105486|LIG1	ENSG00000105677|TMEM147	ENSG00000105698|USF2	ENSG00000106615|RHEB			
	ENSG00000108264|TADA2L	ENSG00000108424|KPNB1	ENSG00000108932|SLC16A6	ENSG00000109771|LRP2BP	ENSG00000110237|ARHGEF17	ENSG00000112511|PHF1	ENSG00000115507|OTX1	ENSG00000115616|SLC9A2			
	ENSG00000118263|KLF7	ENSG00000123094|RASSF8	ENSG00000123352|SPATS2	ENSG00000124171|PARD6B	ENSG00000124486|USP9X	ENSG00000124535|WRNIP1	ENSG00000127585|FBXL16	ENSG00000131591|C1orf159			
	ENSG00000134317|GRHL1	ENSG00000134871|COL4A2	ENSG00000135069|PSAT1	ENSG00000135116|HRK	ENSG00000136122|C13orf34	ENSG00000136297|MMD2	ENSG00000136826|KLF4	ENSG00000138449|SLC40A1			
	ENSG00000140396|NCOA2	ENSG00000140992|PDPK1	ENSG00000141556|TBCD	ENSG00000141570|CBX8	ENSG00000141577|AZI1	ENSG00000141664|ZCCHC2	ENSG00000142025|DMRTC2	ENSG00000143612|C1orf43			
	ENSG00000143797|MBOAT2	ENSG00000144868|TMEM108	ENSG00000147650|LRP12	ENSG00000149243|NP_001034637.1	ENSG00000152377|SPOCK1	ENSG00000153207|AHCTF1	ENSG00000153904|DDAH1	ENSG00000156076|WIF1			
	ENSG00000156599|ZDHHC5	ENSG00000157445|CACNA2D3	ENSG00000157911|PEX10	ENSG00000160218|TMEM1	ENSG00000161714|PLCD3	ENSG00000162769|FLVCR1_HUMAN	ENSG00000163527|STT3B	ENSG00000168438|CDC40			
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	ENSG00000186352|ANKRD37	ENSG00000186416|NKRF	ENSG00000188133|NP_997723.1	ENSG00000189056|RELN	ENSG00000189306|ZG14_HUMAN	ENSG00000196233|LCOR	ENSG00000197601|MLSTD2	ENSG00000198162|MAN1A2			
	ENSG00000198468|Q8TAF5_HUMAN	ENSG00000198538|ZNF28	ENSG00000198736|SEPX1	ENSG00000198964|SGMS1	ENSG00000203711|C6orf99	ENSG00000203809|Q5TCM5_HUMAN	ENSG00000204231|RXRB	ENSG00000204713|TRIM27			
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	ENSG00000155970|EFHA2	ENSG00000157240|FZD1	ENSG00000160049|DFFA	ENSG00000160691|SHC1	ENSG00000162373|C1orf165	ENSG00000162951|LRRTM1	ENSG00000163811|WDR43	ENSG00000164109|MAD2L1			
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	ENSG00000125520|SLC2A4RG	ENSG00000126226|PCID2	ENSG00000127191|TRAF2	ENSG00000127616|SMARCA4	ENSG00000129911|KLF16	ENSG00000130699|TAF4	ENSG00000132326|PER2	ENSG00000132341|RAN			
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	ENSG00000153485|C14orf109	ENSG00000154845|PPP4R1	ENSG00000154978|NM_030796.3	ENSG00000156218|ADAMTSL3	ENSG00000156384|C10orf78	ENSG00000157445|CACNA2D3	ENSG00000157617|C21orf25	ENSG00000160271|RALGDS			
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	ENSG00000181350|C17orf76	ENSG00000181744|C3orf58	ENSG00000182240|BACE2	ENSG00000182759|MAFA	ENSG00000183246|SOX1	ENSG00000183246|LOC150221	ENSG00000184708|EIF4ENIF1	ENSG00000185551|NR2F2			
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	ENSG00000075415|SLC25A3	ENSG00000078795|PKD2L2	ENSG00000079689|SCGN	ENSG00000092421|SEMA6A	ENSG00000092531|SNAP23	ENSG00000101079|NDRG3	ENSG00000101311|C20orf42				
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	ENSG00000171956|FOXB1	ENSG00000171970|ZNF57	ENSG00000173175|ADCY5	ENSG00000175509|ACROL_HUMAN	ENSG00000176171|BNIP3	ENSG00000177098|SCN4B	ENSG00000177283|FZD8	ENSG00000177606|JUN				
	ENSG00000178342|KCNG2	ENSG00000180694|TMEM64	ENSG00000182205|Q6ZUT0_HUMAN	ENSG00000183172|C22orf32	ENSG00000183837|PNMA3	ENSG00000183873|SCN5A	ENSG00000185608|MRPL40	ENSG00000185989|RASA3				
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	ENSG00000072071|LPHN1	ENSG00000075399|C16orf7	ENSG00000075624|ACTB	ENSG00000078177|N4BP2_HUMAN	ENSG00000078808|SDF4	ENSG00000078900|TP73	ENSG00000084207|GSTP1	ENSG00000088256|GNA11				
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GGATTA Xie:YTGGGATTA PITX2
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	ENSG00000139163|ETNK1	ENSG00000142686|NP_689587.1	ENSG00000143207|RFWD2	ENSG00000145337|PIGY	ENSG00000151458|ANKRD50	ENSG00000152910|CNTNAP4	ENSG00000162620|LRRC44	ENSG00000163632|C3orf49							
	ENSG00000165659|DACH1	ENSG00000166408|Q8NH75_HUMAN	ENSG00000170260|ZNF212	ENSG00000176444|CLK2	ENSG00000177291|NP_699199.2	ENSG00000177364|C9orf45	ENSG00000177873|ZNF619	ENSG00000180828|BHLHB5							
	ENSG00000184465|WDR27	ENSG00000185231|MC2R	ENSG00000186230|ZNF749	ENSG00000188408|MAGEB5	ENSG00000196470|SIAH1	ENSG00000196526|AFAP1	ENSG00000205058|Q6ZT81_HUMAN	ENSG00000205994|Q6ZN58_HUMAN							
	ENSG00000207731|hsa-mir-506	ENSG00000208005|hsa-mir-503	ENSG00000207784|hsa-mir-542												
ACTTCCG	ENSG00000004142|POLDIP2	ENSG00000017260|ATP2C1	ENSG00000029364|SLC39A9	ENSG00000040633|PHF23	ENSG00000053501|USE1_HUMAN	ENSG00000055147|C5orf3	ENSG00000060971|ACAA1	ENSG00000063244|U2AF2							
	ENSG00000063245|EPN1	ENSG00000065883|CDC2L5	ENSG00000068308|OTUD5	ENSG00000072609|CHFR	ENSG00000077458|FAM76B	ENSG00000083093|PALB2	ENSG00000085872|CHERP	ENSG00000090615|GOLGA3							
	ENSG00000100591|AHSA1	ENSG00000101161|PRPF6	ENSG00000101181|GTPBP5	ENSG00000104228|TRIM35	ENSG00000104660|LEPROTL1	ENSG00000105568|PPP2R1A	ENSG00000105647|PIK3R2	ENSG00000105726|ATP13A1							
	ENSG00000105879|CBLL1	ENSG00000106636|YKT6	ENSG00000107164|FUBP3	ENSG00000108061|SHOC2	ENSG00000108389|MTMR4	ENSG00000109066|TMEM104	ENSG00000109736|NP_001111.2	ENSG00000110906|KCTD10							
	ENSG00000110917|KIAA0152	ENSG00000111364|DDX55	ENSG00000111707|SUDS3	ENSG00000112110|MRPL18	ENSG00000113615|SEC24A	ENSG00000116213|WDR8	ENSG00000117395|EBNA1BP2	ENSG00000119541|VPS4B							
	ENSG00000119559|C19orf25	ENSG00000120438|TCP1	ENSG00000125611|CHCHD5	ENSG00000126432|PRDX5	ENSG00000126749|EMG1	ENSG00000130305|NSUN5	ENSG00000130725|UBE2M	ENSG00000131653|TRAF7							
	ENSG00000131849|ZNF132	ENSG00000132153|DHX30	ENSG00000132326|PER2	ENSG00000134153|C15orf24	ENSG00000136247|ZDHHC4	ENSG00000137494|ANKRD42	ENSG00000138660|C4orf16	ENSG00000140319|SRP14							
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	ENSG00000157637|NP_612637.1	ENSG00000157778|C7orf48	ENSG00000158220|FAM62C	ENSG00000159256|MORC3	ENSG00000160602|NEK8	ENSG00000160613|PCSK7	ENSG00000160629|C17orf32	ENSG00000161677|JOSD2							
	ENSG00000162298|SYVN1	ENSG00000162396|PARS2	ENSG00000162517|PEF1	ENSG00000163466|ARPC2	ENSG00000164034|CAGE1	ENSG00000164587|RPS14	ENSG00000164944|KIAA1429								
	ENSG00000165355|FBXO33	ENSG00000166037|CEP57	ENSG00000166171|NP_056263.1	ENSG00000166598|HSP90B1	ENSG00000167394|ZNF668	ENSG00000167395|ZNF646	ENSG00000167985|C11orf79	ENSG00000168802|NM_001039690.2							
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	ENSG00000186231|KLHL32	ENSG00000186522|SEPT10	ENSG00000188033|ZNF490	ENSG00000188215|DCUN1D3	ENSG00000196290|NIF3L1	ENSG00000196497|IPO4	ENSG00000197003|P461_HUMAN	ENSG00000197157|SND1							
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	ENSG00000123728|RAP2C	ENSG00000124784|RIOK1	ENSG00000126746|ZNF384	ENSG00000127989|MTERF	ENSG00000128463|TMEM85	ENSG00000128694|OSGEPL1	ENSG00000131408|NR1H2	ENSG00000132485|ZRANB2							
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	ACTTCCG Xie:CAnTTCCS	STAT1													
	CGGAAGT Xie:CCGGAART	ELK-1													
	CGGAAGT Xie:MGGAWGT	PEA3													
	CGGAAGT Xie:vCCGGAAGnGCR	GABP													
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	ENSG00000104419|NDRG1	ENSG00000105321|CCDC9	ENSG00000110514|MADD	ENSG00000112039|FANCE	ENSG00000112576|CCND3	ENSG00000120913|PDLIM2	ENSG00000125877|ITPA	ENSG00000125898|FAM110A							
	ENSG00000126249|PDCD2L	ENSG00000127533|F2RL3	ENSG00000129559|NEDD8	ENSG00000132467|SAS10_HUMAN	ENSG00000139946|PELI2	ENSG00000140105|WARS	ENSG00000141040|ZNF287	ENSG00000159069|FBXW5							
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	ENSG00000197582|GPX1	ENSG00000198682|PAPSS2	ENSG00000198904|APOBEC3D	ENSG00000204707|Q6ZNZ9_HUMAN	ENSG00000205744|DENND1C	ENSG00000207980|hsa-mir-23a	ENSG00000209707|hsa-mir-24-2	ENSG00000207808|hsa-mir-27a							
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	ENSG00000132514|CLEC10A	ENSG00000136003|ISCU	ENSG00000136869|TLR4	ENSG00000138722|MMRN1	ENSG00000142669|SH3BGRL3	ENSG00000142694|C1orf78	ENSG00000143105|KCNA10	ENSG00000143228|NUF2							
	ENSG00000144771|LRTM1	ENSG00000149503|INCENP	ENSG00000163872|YEATS2	ENSG00000166402|TUB	ENSG00000169372|CRADD	ENSG00000171549|hCG_2015956	ENSG00000172208|OR4X2	ENSG00000172602|RND1							
	ENSG00000173940|LOC646049	ENSG00000175520|UBQLN3	ENSG00000180922|FSIP2	ENSG00000183833|C3orf15	ENSG00000184132|Q9P175_HUMAN	ENSG00000198015|MRPL42	ENSG00000198643|FAM3D	ENSG00000204080|Q6ZRQ9_HUMAN							
	ENSG00000204392|LSM2														
	ACTTCCT Xie:CACTTCCTG	ETS													
	AGGAAGT Xie:AGGAART	ELF-1													
	AGGAAGT Xie:CAGGAAGTAR	TEL-2													
	AGGAAGT Xie:MGGAWGT	PEA3													
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	ENSG00000179770|NP_872401.2	ENSG00000181363|Q66K80-2	ENSG00000204788|Q6ZT67_HUMAN	ENSG00000079739|PGM1	ENSG00000102245|CD40LG	ENSG00000110200|C11orf51	ENSG00000115523|GNLY	ENSG00000115953|PPP3R1							
	ENSG00000139354|GAS2L3	ENSG00000149507|PLAC1L	ENSG00000155530|LRGUK	ENSG00000162757|C1orf74	ENSG00000166268|C12orf28	ENSG00000166794|PPIB	ENSG00000169752|NRG4	ENSG00000177143|CETN1							
	ENSG00000187701|OR2T27	ENSG00000204118|NAP1L6	ENSG00000204143|PCDH15												
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	ENSG00000183355|XR_017567.1	ENSG00000185022|MAFF	ENSG00000187678|SPRY4	ENSG00000204315|FKBPL	ENSG00000088930|XRN2	ENSG00000105220|GPI	ENSG00000132141|CCT6B	ENSG00000137942|FNBP1L							
	ENSG00000146278|PNRC1	ENSG00000155393|HEATR3	ENSG00000166275|AS3MT	ENSG00000172922|RNASEH2C	ENSG00000198374|HIST1H2AL										
	AGAATCG Xie:GAAnnWTCK	HSF2													
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	ENSG00000204805|FAM27E3	ENSG00000205289|Q6ZUP4_HUMAN	ENSG00000205482|LOC730329	ENSG00000008118|CAMK1G	ENSG00000008952|TLOC1	ENSG00000073050|XRCC1	ENSG00000109193|SULT1E1	ENSG00000109534|NOLA1							
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	ENSG00000168062|BATF2	ENSG00000169994|MYO7B	ENSG00000172018|NP_001004341.1	ENSG00000172824|Q6P2E5_HUMAN	ENSG00000173253|DMRT2	ENSG00000175520|UBQLN3	ENSG00000175815|Q8N800_HUMAN	ENSG00000176754|C1orf157							
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	ENSG00000188716|DUPD1	ENSG00000196153|Q8NAB5_HUMAN	ENSG00000197415|VEPH1	ENSG00000197510|C21orf116	ENSG00000204117|Q6ZVS8_HUMAN	ENSG00000205814|Q6ZRC0_HUMAN									
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	ENSG00000145632|PLK2	ENSG00000147123|NDUFB11	ENSG00000151650|VENTX	ENSG00000152430|BOLL	ENSG00000152642|GPD1L	ENSG00000158008|EXTL1	ENSG00000158220|FAM62C	ENSG00000159208|C1orf51							
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GTTTGCT Xie:TRTTTRYTYW HNF-3
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	ENSG00000141446|ESCO1	ENSG00000143570|SLC39A1	ENSG00000150201|FXYD4	ENSG00000155052|CNTNAP5	ENSG00000162069|A1A5D9_HUMAN	ENSG00000163335|VENTXP7	ENSG00000163956|LRPAP1	ENSG00000165152|C9orf125				
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	ATTGGCT Xie:YSATTGGYY	NF-Y										
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	ENSG00000140464|PML	ENSG00000143412|ANXA9	ENSG00000143590|EFNA3	ENSG00000149043|SYT8	ENSG00000159173|TNNI1	ENSG00000160539|PPAPDC3	ENSG00000161896|IHPK3	ENSG00000162461|SLC25A34				
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CATTGGC Xie:GCCnnnGGC AP-2ALPHA
CATTGGC Xie:YSATTGGYY NF-Y
GCCAATG Xie:CAGCCAATGAG ALPHA-CP1
GCCAATG Xie:GCCnnnGGC AP-2ALPHA
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CATTTCC Xie:CAnTTCCS STAT1
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	TGATTGG Xie:YSATTGGYY	NF-Y										
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	ENSG00000184935|Q6AI01_HUMAN	ENSG00000185002|RFXDC1	ENSG00000185624|P4HB	ENSG00000185670|ZBTB3	ENSG00000186007|LEMD1	ENSG00000186529|CYP4F3	ENSG00000187650|NP_001017921.1	ENSG00000188883|KLRG2				
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	CCGGAAG Xie:vCCGGAAGnGCR	GABP										
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542

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CGCCCGC ENSG00000047644|WWC3 ENSG00000054523|KIF1B ENSG00000055609|MLL3 ENSG00000060237|WNK1 ENSG00000063978|RNF4 ENSG00000064489|MEF2B ENSG00000066629|EML1 ENSG00000067082|KLF6
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	ENSG00000099940|SNAP29	ENSG00000102144|PGK1	ENSG00000102531|FNDC3A	ENSG00000103034|NDRG4	ENSG00000103326|SOLH	ENSG00000104388|RAB2A	ENSG00000105866|SP4	ENSG00000108654|DDX5						
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	ENSG00000165617|DACT1	ENSG00000166342|NETO1	ENSG00000167100|SAMD14	ENSG00000167280|NP_001036038.1	ENSG00000168090|COPS6	ENSG00000168135|KCNJ4	ENSG00000168264|IRF2BP2	ENSG00000169710|FASN						
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	ENSG00000152377|SPOCK1 ENSG00000153904|DDAH1 ENSG00000154319|C8orf13 ENSG00000157741|Q6ZU65_HUMAN ENSG00000164045|CDC25A ENSG00000166157|TPTE ENSG00000167461|RAB8A ENSG00000167721|TSR1
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	ENSG00000185737|NRG3 ENSG00000185808|PIGP ENSG00000185950|IRS2 ENSG00000186288|RBM32A ENSG00000186416|NKRF ENSG00000188916|NP_001034851.1 ENSG00000196236|XPNPEP3 ENSG00000196935|SRGAP1
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	ENSG00000100138|NHP2L1 ENSG00000115998|C2orf42 ENSG00000118267|ZNF271 ENSG00000121621|KIF18A ENSG00000143079|CTTNBP2NL ENSG00000147535|PPAPDC1B ENSG00000149273|RPS3 ENSG00000149328|NP_612351.2
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	ENSG00000196501|HIST1H2BN
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	ENSG00000132405|TBC1D14 ENSG00000134222|PSRC1 ENSG00000134709|HOOK1 ENSG00000140090|SLC24A4 ENSG00000141279|NPEPPS ENSG00000143537|ADAM15 ENSG00000146918|NCAPG2 ENSG00000146950|SHROOM2
	ENSG00000148832|PAOX ENSG00000150764|DIXDC1 ENSG00000154342|WNT3A ENSG00000157617|C21orf25 ENSG00000163605|PPP4R2 ENSG00000165521|EML5 ENSG00000165731|RET ENSG00000166157|TPTE
	ENSG00000167536|DHRS13 ENSG00000167774|NDUFA7 ENSG00000169564|PCBP1 ENSG00000169598|DFFB ENSG00000170837|GPR27 ENSG00000173334|TRIB1 ENSG00000174898|TMEM146 ENSG00000175785|PRIMA1
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	ENSG00000067057|PFKP ENSG00000067141|NEO1 ENSG00000071246|VASH1 ENSG00000072134|EPN2 ENSG00000072682|P4HA2 ENSG00000073150|PANX2 ENSG00000077585|GPR137B ENSG00000088808|PPP1R13B
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	ENSG00000120868|APAF1	ENSG00000123600|METTL8	ENSG00000125520|SLC2A4RG	ENSG00000129911|KLF16	ENSG00000130560|UBAC1	ENSG00000130827|PLXNA3	ENSG00000131152|Q9H693_HUMAN	ENSG00000131591|C1orf159				
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	ENSG00000138801|PAPSS1	ENSG00000139899|CBLN3	ENSG00000140632|NP_115958.2	ENSG00000142192|APP	ENSG00000143032|BARHL2	ENSG00000145022|TCTA	ENSG00000146950|SHROOM2	ENSG00000150051|MKX				
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	ENSG00000110583|NAT11	ENSG00000110697|PITPNM1	ENSG00000112851|ERBB2IP	ENSG00000115648|MLPH	ENSG00000116017|ARID3A	ENSG00000117528|ABCD3	ENSG00000118900|UBN1	ENSG00000119771|KLHL29				
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	ENSG00000203667|FAM36A											
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	ENSG00000105879|CBLL1	ENSG00000106733|C9orf95	ENSG00000108518|PFN1	ENSG00000110400|PVRL1	ENSG00000110675|ELMOD1	ENSG00000111728|ST8SIA1	ENSG00000114757|PEX5L	ENSG00000115355|KIAA1212				
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	ENSG00000176170|SPHK1	ENSG00000177283|FZD8	ENSG00000177706|FAM20C	ENSG00000179339|Q9BT32_HUMAN	ENSG00000183246|LOC150221	ENSG00000183780|SLC35F3	ENSG00000184254|ALDH1A3	ENSG00000184557|SOCS3				
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	ENSG00000135535|CD164	ENSG00000136144|RCBTB1	ENSG00000140009|ESR2	ENSG00000141452|C18orf8	ENSG00000144339|TMEFF2	ENSG00000147050|UTX	ENSG00000153443|FAM100A	ENSG00000154710|KCTD7

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	GACGTCA Xie:TGACGTCARRG	ATF-1										
	GACGTCA Xie:TGACGTMA	CREB										
	TGACGTC Xie:TGACGTCARRG	ATF-1										
	TGACGTC Xie:TGACGTMA	CREB										
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        TGTTTAC Xie:TRTTTRYTYW   HNF-3
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GATTGTTT Xie:ATTGTT SOX-5
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	ENSG00000110074|FOXRED1	ENSG00000112210|RAB23	ENSG00000115816|CEBPZ	ENSG00000116205|C1orf83	ENSG00000116698|SMG7	ENSG00000117154|IGSF21	ENSG00000123384|LRP1	ENSG00000125492|BARHL1				
	ENSG00000125966|MMP24	ENSG00000126522|CRCP_HUMAN	ENSG00000127220|ABHD8	ENSG00000128581|RABL5	ENSG00000132305|IMMT	ENSG00000136828|RALGPS1	ENSG00000141027|NCOR1	ENSG00000141744|PNMT				
	ENSG00000143811|PYCR2	ENSG00000147650|LRP12	ENSG00000153234|NR4A2	ENSG00000159733|ZFYVE28	ENSG00000160298|C21orf58	ENSG00000160299|PCNT	ENSG00000163093|BBS5	ENSG00000175029|CTBP2				
	ENSG00000176410|WBSCR18	ENSG00000178773|CPNE7	ENSG00000179801|C8orf30A	ENSG00000179823|XR_017713.1	ENSG00000181123|Q8N7N0_HUMAN	ENSG00000182934|SRPR	ENSG00000183283|DAZAP2	ENSG00000184307|ZDHHC23				
	ENSG00000186979|Q96BK8_HUMAN	ENSG00000187049|NP_057583.2	ENSG00000196323|ZBTB44	ENSG00000204348|DOM3Z	ENSG00000204386|NEU1	ENSG00000204843|DCTN1	ENSG00000207596|hsa-mir-194-2	ENSG00000207648|hsa-mir-192				
	ENSG00000207611|hsa-mir-149	ENSG00000006025|OSBPL7	ENSG00000027697|IFNGR1	ENSG00000081320|STK17B	ENSG00000104371|DKK4	ENSG00000105393|NP_001028721.1	ENSG00000107943|C10orf110	ENSG00000111142|METAP2				
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	ENSG00000158716|DUSP23	ENSG00000162624|LHX8	ENSG00000162654|GBP4	ENSG00000164042|SCYE1	ENSG00000164754|RAD21	ENSG00000165309|ARMC3	ENSG00000165732|DDX21					
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	ENSG00000182919|C11orf54	ENSG00000183779|ZNF703	ENSG00000187068|NP_001020437.1	ENSG00000187231|SESTD1	ENSG00000187239|FNBP1	ENSG00000197167|Q6ZSI0_HUMAN	ENSG00000197576|HOXA4	ENSG00000197705|KLHL14				
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	ENSG00000083290|ULK2	ENSG00000089159|PXN	ENSG00000091844|RGS17	ENSG00000095383|TBC1D2	ENSG00000102904|TSNAXIP1	ENSG00000104365|IKBKB	ENSG00000107779|BMPR1A	ENSG00000110619|CARS				
	ENSG00000110888|CAPRIN2	ENSG00000112964|GHR	ENSG00000116679|IVNS1ABP	ENSG00000117142|DDOST	ENSG00000117410|ATP6V0B	ENSG00000118762|PKD2	ENSG00000119703|C14orf140	ENSG00000122390|NP_079121.1				
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	ENSG00000151778|C13orf21	ENSG00000155254|MARVELD1	ENSG00000160703|NLRX1	ENSG00000161021|LTC4S	ENSG00000162643|WDR63	ENSG00000166002|C11orf75	ENSG00000166562|SEC11C	ENSG00000167258|CRKRS				
	ENSG00000167595|C19orf55	ENSG00000169621|C2orf13	ENSG00000170590|C6orf88	ENSG00000172007|RAB33B	ENSG00000174137|FAM53A	ENSG00000177932|ZNF354C	ENSG00000183506|NP_955377.2					
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	ENSG00000186907|RTN4RL2	ENSG00000196586|MYO6	ENSG00000199085|hsa-mir-148a	ENSG00000205581|HMGN1	ENSG00000069206|ADAM7	ENSG00000080644|CHRNA3	ENSG00000100325|ASCC2	ENSG00000101079|NDRG3				
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	ENSG00000135454|B4GALNT1	ENSG00000145331|RG9MTD2	ENSG00000148841|KIAA1754	ENSG00000151304|SRFBP1	ENSG00000151327|C14orf24	ENSG00000152726|Q5SNT8_HUMAN	ENSG00000153767|GTF2E1	ENSG00000161203|AP2M1				
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	ENSG00000151445|C14orf133	ENSG00000164144|ARFIP1	ENSG00000164151|Q6ZT40_HUMAN	ENSG00000166825|ANPEP	ENSG00000181798|C2orf52	ENSG00000182025|Q8N1Y6_HUMAN	ENSG00000184058|TBX1	ENSG00000185345|PARK2				
	ENSG00000186815|TPCN1	ENSG00000187902|LOC729956	ENSG00000188690|UROS	ENSG00000204277|Q6ZR66_HUMAN	ENSG00000005156|LIG3	ENSG00000012048|BRCA1	ENSG00000055070|C1orf144	ENSG00000069020|MAST4				
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	ENSG00000115568|ZNF142	ENSG00000118777|ABCG2	ENSG00000119707|RBM25	ENSG00000120162|MOBKL2B	ENSG00000120616|EPC1	ENSG00000126267|COX6B1	ENSG00000127423|C1orf135	ENSG00000131558|EXOC4				
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	ENSG00000149292|TTC12	ENSG00000149503|INCENP	ENSG00000150667|FSIP1	ENSG00000152253|SPC25	ENSG00000156787|WDR67	ENSG00000164199|GPR98	ENSG00000165264|NDUFB6	ENSG00000166007|LOC399940				
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	ENSG00000130713|EXOSC2	ENSG00000134249|ADAM30	ENSG00000134255|CEPT1	ENSG00000139266|MARCH9	ENSG00000143494|VASH2	ENSG00000143771|CNIH4	ENSG00000144218|AFF3	ENSG00000146072|TNFRSF21							
	ENSG00000148444|COMMD3	ENSG00000152433|ZNF547	ENSG00000153317|DDEF1	ENSG00000154269|ENPP3	ENSG00000156876|SASS6	ENSG00000159123|DMRTC_HUMAN	ENSG00000164265|SCGB3A2	ENSG00000166484|MAPK7							
	ENSG00000167531|LALBA	ENSG00000167751|KLK2	ENSG00000173812|EIF1	ENSG00000174446|SNAPC5	ENSG00000175483|O94914_HUMAN	ENSG00000178340|CLK2P	ENSG00000181371|OR5M8	ENSG00000182857|Q6P168_HUMAN							
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	ENSG00000204157|NP_001013664.1														
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	ENSG00000133055|MYBPH	ENSG00000133477|FAM83F	ENSG00000136933|RABEPK	ENSG00000142910|TINAGL1	ENSG00000144535|DIS3L2	ENSG00000146828|SLC12A9	ENSG00000147955|OPRS1	ENSG00000157653|C9orf43			
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	ENSG00000177112|Q8N6V7_HUMAN	ENSG00000185136|Q8NF02_HUMAN	ENSG00000188277|LOC643338	ENSG00000189050|NP_057209.3	ENSG00000196090|PTPRT	ENSG00000203850|Q9UMX8_HUMAN	ENSG00000027869|SH2D2A	ENSG00000033170|FUT8			
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	ENSG00000124731|TREM1	ENSG00000125538|IL1B	ENSG00000129625|REEP5	ENSG00000133142|TCEAL4	ENSG00000134028|ADAMDEC1	ENSG00000137812|CASC5	ENSG00000138722|MMRN1	ENSG00000139233|C12orf31			
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	ENSG00000116649|SRM	ENSG00000119689|DLST	ENSG00000119787|ARL6IP2	ENSG00000120251|GRIA2	ENSG00000120664|LOC646871	ENSG00000123700|KCNJ2	ENSG00000124177|CHD6	ENSG00000127329|PTPRB			
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	ENSG00000155189|AGPAT5	ENSG00000155508|CNOT8	ENSG00000157404|KIT	ENSG00000160584|QSK_HUMAN	ENSG00000162631|NTNG1	ENSG00000163697|APBB2	ENSG00000164077|MON1A	ENSG00000164713|BRI3			
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	ENSG00000091622|PITPNM3	ENSG00000092054|MYH7	ENSG00000095209|TMEM38B	ENSG00000101104|C20orf119	ENSG00000101162|TUBB1	ENSG00000101412|E2F1	ENSG00000103657|HERC1	ENSG00000106144|CASP2			
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	ENSG00000137948|BRDT	ENSG00000144182|LIPT1	ENSG00000150540|HNMT	ENSG00000185686|PRAME	ENSG00000196263|ZNF471	ENSG00000197128|ZNF772	ENSG00000204684|Q5TDR7_HUMAN	ENSG00000205646|Q96GL5_HUMAN			
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	ENSG00000149582|TMEM25	ENSG00000163931|TKT	ENSG00000164853|NP_001073930.1	ENSG00000165934|CPSF2	ENSG00000166004|KIAA1731	ENSG00000167674|NP_001001520.1	ENSG00000167994|RAB3IL1	ENSG00000168350|DEGS2						
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	ENSG00000136447|Q8IVW1-4	ENSG00000167014|C15orf43	ENSG00000173230|GOLGB1	ENSG00000185829|ARL17P1	ENSG00000189251|Q8WYN8_HUMAN	ENSG00000196532|HIST1H3C	ENSG00000197153|HIST1H3J	ENSG00000198356|ASNA1						
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	TGATTGGT Xie:YSATTGGYY	NF-Y												
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	ENSG00000112941|POLS	ENSG00000114019|AMOTL2	ENSG00000125257|ABCC4	ENSG00000127533|F2RL3	ENSG00000129158|SERGEF	ENSG00000133704|IPO8	ENSG00000141644|MBD1	ENSG00000161082|BRUNOL5				
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	ENSG00000106804|C5	ENSG00000109445|ZNF330	ENSG00000111554|MDM1	ENSG00000112357|PEX7	ENSG00000114155|FPGT	ENSG00000124155|PIGT	ENSG00000124164|VAPB					
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	ENSG00000166455|C16orf46	ENSG00000168937|NOS2C	ENSG00000173714|WFIKKN2	ENSG00000176659|C20orf197	ENSG00000176909|NP_872380.1	ENSG00000177324|CXorf20	ENSG00000180921|FAM83H	ENSG00000181915|C10orf22				
	ENSG00000183077|AFMID	ENSG00000185033|SEMA4B	ENSG00000185344|ATP6V0A2	ENSG00000185420|SMYD3	ENSG00000187122|ARHGAP19	ENSG00000187987|ZSCAN23	ENSG00000188573|LOC345630	ENSG00000197381|ADARB1				
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	ENSG00000143033|MTF2	ENSG00000145725|HISPPD1	ENSG00000153233|PTPRR	ENSG00000153291|SLC25A27	ENSG00000158006|PAFAH2	ENSG00000159063|ALG8	ENSG00000162951|LRRTM1	ENSG00000163449|TMEM169				
	ENSG00000164669|Q2T9F4_HUMAN	ENSG00000166710|B2M	ENSG00000167618|LAIR2	ENSG00000168152|THAP9	ENSG00000170927|PKHD1	ENSG00000171217|CLDN20	ENSG00000172061|LRRC15	ENSG00000172738|C6orf128				
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	ENSG00000166479|TXNDC10	ENSG00000171988|JMJD1C	ENSG00000178922|HYI	ENSG00000181571|Q9NYD3_HUMAN	ENSG00000183242|WIT1	ENSG00000203666|EFCAB2	ENSG00000205205|C17orf51	ENSG00000206527|PTPLB				
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	ENSG00000170420|APOL6	ENSG00000171861|RNMTL1	ENSG00000173369|C1QB	ENSG00000174930|VN2R1P	ENSG00000176276|hCG_1757335	ENSG00000178947|Q86V52_HUMAN	ENSG00000184544|DHRS7C	ENSG00000185654|C7orf38				
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ENSG00000100012|SEC14L3 ENSG00000104973|MED25 ENSG00000111412|C12orf49 ENSG00000112902|SEMA5A ENSG00000126001|CEP250 ENSG00000129187|DCTD ENSG00000130300|PLVAP ENSG00000132003|ZSWIM4
ENSG00000132677|RHBG ENSG00000137200|KIAA0082 ENSG00000138944|Q5JZ71_HUMAN ENSG00000139767|KIAA1853 ENSG00000141522|ARHGDIA ENSG00000143028|SYPL2 ENSG00000144228|SPOPL_HUMAN ENSG00000144401|FAM119A
ENSG00000145819|ARHGAP26 ENSG00000149260|CAPN5 ENSG00000151135|C12orf23 ENSG00000151611|MMAA ENSG00000151881|C5orf28 ENSG00000156795|C8orf32 ENSG00000160307|S100B ENSG00000163468|CCT3
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GCGGAAGT Xie:MGGAWGT PEA3

ACTTCCGG	ENSG00000004142|POLDIP2	ENSG00000029364|SLC39A9	ENSG00000085872|CHERP	ENSG00000101181|GTPBP5	ENSG00000104228|TRIM35	ENSG00000105647|PIK3R2	ENSG00000105726|ATP13A1	ENSG00000106636|YKT6				
	ENSG00000108389|MTMR4	ENSG00000109736|NP_001111.2	ENSG00000111707|SUDS3	ENSG00000113615|SEC24A	ENSG00000119559|C19orf25	ENSG00000126432|PRDX5	ENSG00000130305|NSUN5	ENSG00000130725|UBE2M				
	ENSG00000132326|PER2	ENSG00000142409|ZNF787	ENSG00000146909|NOM1	ENSG00000149532|CPSF7_HUMAN	ENSG00000157259|GATAD1	ENSG00000157778|C7orf48	ENSG00000158220|FAM62C	ENSG00000160629|C17orf32				
	ENSG00000162396|PARS2	ENSG00000163156|SCNM1	ENSG00000164944|KIAA1429	ENSG00000166171|NP_056263.1	ENSG00000166595|FAM96B	ENSG00000167394|ZNF668	ENSG00000167395|ZNF646	ENSG00000167985|C11orf79				
	ENSG00000169217|CD2BP2	ENSG00000171044|XKR6	ENSG00000171606|ZNF274	ENSG00000172977|HTATIP	ENSG00000173113|TR112_HUMAN	ENSG00000173207|CKS1B	ENSG00000177600|RPLP2	ENSG00000178449|C12orf62				
	ENSG00000181666|HKR1	ENSG00000184886|PIGW	ENSG00000197530|MIB2	ENSG00000204289|C17orf86	ENSG00000205972|Q8NBC0_HUMAN	ENSG00000206028|Q6ZVA3_HUMAN	ENSG00000005486|NM_001040457.1	ENSG00000006757|PNPLA4				
	ENSG00000068784|SRBD1	ENSG00000072958|AP1M1	ENSG00000100632|ERH	ENSG00000101888|NXT2	ENSG00000105058|FAM32A	ENSG00000106133|NSUN5C	ENSG00000113522|RAD50	ENSG00000113845|C3orf1				
	ENSG00000122728|TAF1L	ENSG00000126746|ZNF384	ENSG00000131408|NR1H2	ENSG00000132549|VPS13B	ENSG00000132768|DPH2	ENSG00000138231|DBR1	ENSG00000140307|GTF2A2	ENSG00000141140|MYOHD1				
	ENSG00000148481|C10orf97	ENSG00000154144|TBRG1	ENSG00000161395|PERLD1	ENSG00000163728|TTC14	ENSG00000164284|GRPEL2	ENSG00000174276|ZNHIT2	ENSG00000174840|NP_808881.2	ENSG00000175110|MRPS22				
	ENSG00000183519|NSUN5B	ENSG00000204220|PFDN6	ENSG00000204221|WDR46									
	CCGGAAGT	Xie:CCGGAART	ELK-1									
	CCGGAAGT	Xie:MGGAWGT	PEA3									
	CCGGAAGT	Xie:vCCGGAAGnGCR	GABP									
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	ENSG00000171219|CDC42BPG	ENSG00000176919|C8G	ENSG00000180644|PRF1	ENSG00000197582|GPX1	ENSG00000204876|Q6ZVM9_HUMAN	ENSG00000206028|Q6ZVA3_HUMAN	ENSG00000005961|ITGA2B	ENSG00000013523|ANGEL1				
	ENSG00000042980|ADAM28	ENSG00000095585|BLNK	ENSG00000100448|CTSG	ENSG00000104872|PIH1D1	ENSG00000112343|TRIM38	ENSG00000115009|CCL20	ENSG00000123329|ARHGAP9	ENSG00000124491|F13A1				
	ENSG00000132141|CCT6B	ENSG00000138722|MMRN1	ENSG00000147206|NXF3	ENSG00000149503|INCENP	ENSG00000150636|CCDC102B	ENSG00000152729|Q9P136_HUMAN	ENSG00000163081|NP_694583.1	ENSG00000163818|LZTFL1				
	ENSG00000166797|FAM96A	ENSG00000168066|SF1	ENSG00000168131|OR2B2	ENSG00000169359|SLC33A1	ENSG00000169372|CRADD	ENSG00000183833|C3orf15	ENSG00000184132|Q9P175_HUMAN	ENSG00000187626|ZKSCAN4				
	ENSG00000204544|C6orf205	ENSG00000208024|hsa-mir-199a-2	ENSG00000207949|hsa-mir-214									
	ACTTCCTG	Xie:CACTTCCTG	ETS									
	CAGGAAGT	Xie:AGGAART	ELF-1									
	CAGGAAGT	Xie:CAGGAAGTAR	TEL-2									
	CAGGAAGT	Xie:MGGAWGT	PEA3									
	ACTTCCTG	MATCH:V$ETS_Q6	ETS									
ACTTCGAG	ENSG00000004660|CAMKK1	ENSG00000004777|SNX26	ENSG00000009830|POMT2	ENSG00000011198|ABHD5	ENSG00000021645|NRXN3	ENSG00000069011|PITX1	ENSG00000073670|ADAM11	ENSG00000075275|CELSR1				
	ENSG00000076924|XAB2	ENSG00000099985|OSM	ENSG00000100889|PCK2	ENSG00000102225|PCTK1	ENSG00000103111|MON1B	ENSG00000104915|STX10	ENSG00000106069|CHN2	ENSG00000106511|MEOX2				
	ENSG00000108504|CDK3	ENSG00000110713|NUP98	ENSG00000110719|TCIRG1	ENSG00000111087|GLI1	ENSG00000111799|COL12A1	ENSG00000115844|DLX2	ENSG00000116016|EPAS1	ENSG00000120907|ADRA1A				
	ENSG00000122545|SEPT7	ENSG00000125285|SOX21	ENSG00000127080|IPPK	ENSG00000134779|C18orf10	ENSG00000135447|PPP1R1A	ENSG00000135637|NP_116168.2	ENSG00000136451|VEZF1	ENSG00000136859|ANGPTL2				
	ENSG00000138622|HCN4	ENSG00000143952|VPS54	ENSG00000144407|PTHR2	ENSG00000148985|NP_055304.1	ENSG00000149182|ZNF289	ENSG00000160050|CCDC28B	ENSG00000160584|QSK_HUMAN	ENSG00000162636|FAM102B				
	ENSG00000163743|RCHY1	ENSG00000163817|SLC6A20	ENSG00000164162|ANAPC10	ENSG00000164366|CCDC127	ENSG00000164430|C6orf150	ENSG00000165416|SUGT1	ENSG00000166068|SPRED1	ENSG00000166762|CATSPER2				
	ENSG00000166923|GREM1	ENSG00000167191|GPRC5B	ENSG00000167540|AFG3L1	ENSG00000167656|LY6D	ENSG00000168852|SUGT1L1	ENSG00000168924|LETM1	ENSG00000170379|NP_775949.1	ENSG00000173267|SNCG				
	ENSG00000173269|MMRN2	ENSG00000173673|HES3	ENSG00000174514|MFSD4	ENSG00000175315|CST6	ENSG00000176732|PFN4	ENSG00000177133|Q6ZV91_HUMAN	ENSG00000178381|ZFAND2A	ENSG00000183696|UPP1				
	ENSG00000185624|P4HB	ENSG00000186656|GPATCH8	ENSG00000186994|ANKRD47	ENSG00000187848|P2RX2	ENSG00000188117|CLCN1	ENSG00000188573|LOC345630	ENSG00000188921|PTPLAD2					
	ENSG00000196236|XPNPEP3	ENSG00000196704|AMZ2_HUMAN	ENSG00000197816|KIAA1529	ENSG00000204346|NP_001034888.1	ENSG00000058729|RIOK2	ENSG00000072319|ALG13	ENSG00000078579|FGF20	ENSG00000083814|ZNF671				
	ENSG00000104320|NBN	ENSG00000104325|DECR1	ENSG00000104331|IMPAD1	ENSG00000107105|ELAVL2	ENSG00000110274|CEP164	ENSG00000110955|ATP5B	ENSG00000112079|STK38	ENSG00000112425|EPM2A				
	ENSG00000115165|PSCDBP	ENSG00000120055|C10orf95	ENSG00000122085|MTERFD2	ENSG00000123560|PLP1	ENSG00000124253|PCK1	ENSG00000136237|RAPGEF5	ENSG00000136447|Q8IVW1-4	ENSG00000137996|RTCD1				
	ENSG00000138400|MDH1B	ENSG00000143185|XCL2	ENSG00000143494|VASH2	ENSG00000147262|GPR119	ENSG00000152219|C11orf46	ENSG00000152439|ZNF773	ENSG00000153066|TXNDC11	ENSG00000153707|PTPRD				
	ENSG00000154768|C17orf50	ENSG00000155111|CDC2L6	ENSG00000157399|ARSE	ENSG00000158882|TOMM40L	ENSG00000159625|CCDC135	ENSG00000164188|RANBP3L	ENSG00000164743|C8orf48	ENSG00000165496|RPL10L				
	ENSG00000166012|SNORA25	ENSG00000167916|KRT24	ENSG00000168772|CXXC4	ENSG00000169379|ARL13B	ENSG00000170471|KIAA1219	ENSG00000172458|IL17D	ENSG00000172900|XR_017872.1	ENSG00000173253|DMRT2				
	ENSG00000177212|OR2T33	ENSG00000179115|FARSA	ENSG00000181691|Q9P1F9_HUMAN	ENSG00000183695|MRGPRX2	ENSG00000185158|LRRC37B	ENSG00000185829|ARL17P1	ENSG00000198558|HIST1H4L	ENSG00000204419|Q6UXQ5_HUMAN				
	ENSG00000205188|Q6ZRN6_HUMAN											
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	ENSG00000085721|RRN3	ENSG00000089280|FUS	ENSG00000095596|CYP26A1	ENSG00000104522|TSTA3	ENSG00000107290|SETX	ENSG00000111011|RSRC2	ENSG00000111424|VDR	ENSG00000115649|C2orf24				
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	ENSG00000138698|RAP1GDS1	ENSG00000140660|RUNDC2A	ENSG00000140743|CDR2	ENSG00000141034|C17orf39	ENSG00000143157|POGK	ENSG00000143620|EFNA4	ENSG00000144118|RALB	ENSG00000144566|RAB5A				
	ENSG00000145088|EAF2	ENSG00000145242|EPHA5	ENSG00000145354|ZCD2	ENSG00000147121|ZNF673	ENSG00000154736|ADAMTS5	ENSG00000156453|PCDH1	ENSG00000156650|MYST4	ENSG00000156795|C8orf32				
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	ENSG00000172987|HPSE2	ENSG00000173894|CBX2	ENSG00000184560|C17orf74	ENSG00000184675|FAM123B	ENSG00000197705|KLHL14	ENSG00000204028|Q6ZRR4_HUMAN	ENSG00000204540|PSORS1C1	ENSG00000205069|Q4G173_HUMAN				
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	ENSG00000136628|EPRS	ENSG00000138041|SMEK2	ENSG00000140945|CDH13	ENSG00000144567|C2orf17	ENSG00000151806|GUF1	ENSG00000153233|PTPRR	ENSG00000154438|ASZ1	ENSG00000154645|CHODL				
	ENSG00000155816|FMN2	ENSG00000162642|C1orf52	ENSG00000163793|DNAJC5G	ENSG00000164108|Q9HAJ2_HUMAN	ENSG00000166960|C18orf34	ENSG00000168137|SETD5	ENSG00000168734|PKIG	ENSG00000168967|PMCHL1				
	ENSG00000169021|UQCRFS1	ENSG00000169085|C8orf46	ENSG00000174606|ANGEL2	ENSG00000175806|MSRA	ENSG00000176783|RUFY1	ENSG00000180022|Q8N8S9_HUMAN	ENSG00000181924|CHCHD8	ENSG00000181938|GINS3				
	ENSG00000183303|OR5P2	ENSG00000185591|SP1	ENSG00000188909|Q3C1V8_HUMAN	ENSG00000198189|HSD17B11	ENSG00000204418|CLIC1	ENSG00000204523|HLA-B	ENSG00000204525|HLA-C	ENSG00000204976|RP11-175B12.2				
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	ENSG00000188223|ANTOL_HUMAN	ENSG00000189376|C8orf76	ENSG00000206113|Q6ZU27_HUMAN	ENSG00000110315|RNF141	ENSG00000120659|TNFSF11	ENSG00000121388|Q9H521_HUMAN	ENSG00000144785|TMEM4	ENSG00000148484|RSU1				
	ENSG00000151470|C4orf33	ENSG00000164930|FZD6	ENSG00000173954|Q5JY96_HUMAN	ENSG00000176826|FKBP9L	ENSG00000184831|APOO	ENSG00000185383|Q9UD29_HUMAN	ENSG00000196484|ZNF564	ENSG00000198279|Q9H3C5_HUMAN				
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	ENSG00000144028|ASCC3L1	ENSG00000145545|SRD5A1	ENSG00000169032|MAP2K1	ENSG00000169189|NSMCE1	ENSG00000170852|KBTBD2	ENSG00000171766|GATM	ENSG00000181744|C3orf58	ENSG00000185885|IFITM1				
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	ENSG00000091831|ESR1	ENSG00000099749|CYorf15A	ENSG00000105887|MTPN	ENSG00000112079|STK38	ENSG00000113407|TARS	ENSG00000114544|SLC41A3	ENSG00000114942|EEF1B2	ENSG00000118434|SPACA1				
	ENSG00000124089|MC3R	ENSG00000125870|SNRPB2	ENSG00000127529|OR7C2	ENSG00000128915|NARG2	ENSG00000135847|ACBD6	ENSG00000138041|SMEK2	ENSG00000138641|HERC3	ENSG00000140675|SLC5A2				
	ENSG00000152240|CCDC5	ENSG00000152253|SPC25	ENSG00000159459|UBR1	ENSG00000168678|LOC257039	ENSG00000172489|OR5T3	ENSG00000183385|TTY8_HUMAN	ENSG00000183647|ZNF530	ENSG00000185700|TTY8_HUMAN				
	ENSG00000186688|DCDC1	ENSG00000197329|PELI1	ENSG00000197892|KIF13B	ENSG00000198783|CCDC16	ENSG00000204619|PPP1R11							
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	ENSG00000133265|HPBP1_HUMAN	ENSG00000134463|ECHDC3	ENSG00000138604|GLCE	ENSG00000141255|SPATA22	ENSG00000143198|MGST3	ENSG00000143333|RGS16	ENSG00000145247|OCIAD2	ENSG00000148343|FAM73B				
	ENSG00000156171|TMEM77	ENSG00000159658|KIAA0494	ENSG00000160055|C1orf91	ENSG00000161939|C17orf49	ENSG00000162408|NOL9	ENSG00000163781|TOPBP1	ENSG00000165424|C10orf56	ENSG00000167815|PRDX2				
	ENSG00000168135|KCNJ4	ENSG00000173662|TAS1R1	ENSG00000175029|CTBP2	ENSG00000176485|HRASLS3	ENSG00000176953|NFATC2IP	ENSG00000177269|Q9NUU2_HUMAN	ENSG00000177674|AGTRAP	ENSG00000178700|DHFRL1				
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	ENSG00000048471|NP_001073999.1											
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	ENSG00000113657|DPYSL3	ENSG00000115252|IL18BP	ENSG00000123576|ESX1	ENSG00000125414|MYH2	ENSG00000125691|RPL23	ENSG00000126267|COX6B1	ENSG00000127423|C1orf135	ENSG00000128708|HAT1				
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	ENSG00000152147|GEMIN6	ENSG00000152457|DCLRE1C	ENSG00000163626|COX18	ENSG00000163699|Q9H7Y4_HUMAN	ENSG00000163705|C3orf24	ENSG00000164108|Q9HAJ2_HUMAN	ENSG00000164209|SLC25A46	ENSG00000169554|ZEB2				
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	ENSG00000196132|MYT1_HUMAN	ENSG00000196459|SEDLP	ENSG00000197967|Q86U89_HUMAN	ENSG00000204525|HLA-C	ENSG00000204878|KRTAP4-8							
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	ENSG00000096093|EFHC1	ENSG00000100077|ADRBK2	ENSG00000105404|RABAC1	ENSG00000106588|PSMA2	ENSG00000116187|ALMS1	ENSG00000116898|MRPS15	ENSG00000121542|SEC22A	ENSG00000122390|NP_079121.1				
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	ENSG00000185345|PARK2	ENSG00000197860|SGTB	ENSG00000204410|MSH5	ENSG00000204574|ABCF1	ENSG00000204800|Q96HX1_HUMAN	ENSG00000204812|Q96HX1_HUMAN	ENSG00000088756|ARHGAP28	ENSG00000110108|TMEM109				
	ENSG00000126267|COX6B1	ENSG00000174946|GPR171	ENSG00000181065|Q9P161_HUMAN	ENSG00000183558|HIST2H2AA3	ENSG00000186587|LOC401904	ENSG00000198770|Q9H396_HUMAN	ENSG00000203757|OR6K3	ENSG00000204566|C10orf115				

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ENSG00000120149|MSX2 ENSG00000122783|C7orf49 ENSG00000126088|UROD ENSG00000126107|HECTD3 ENSG00000127720|C12orf26 ENSG00000130957|FBP2 ENSG00000134202|GSTM3 ENSG00000135272|MDFIC
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	ENSG00000204648|SSX9												
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	ENSG00000140365|COMMD4	ENSG00000147894|C9orf72	ENSG00000151413|NUBPL	ENSG00000152439|ZNF773	ENSG00000153721|MAGI1	ENSG00000162864|NP_775920.1	ENSG00000165533|TTC8	ENSG00000165669|C10orf84					
	ENSG00000165923|AGBL2	ENSG00000166111|SVOP	ENSG00000166902|MRPL16	ENSG00000168772|CXXC4	ENSG00000173890|GPR160	ENSG00000178125|NP_001013648.1	ENSG00000178732|GP5	ENSG00000178741|COX5A					
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	ENSG00000120868|APAF1	ENSG00000121690|DEPDC7	ENSG00000128408|RIBC2	ENSG00000129351|ILF3	ENSG00000132639|SNAP25	ENSG00000134287|ARF3	ENSG00000135829|DHX9	ENSG00000136826|KLF4					
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	ENSG00000177685|EFCAB4A	ENSG00000198108|CHSS3_HUMAN	ENSG00000198560|YN003_HUMAN	ENSG00000004766|CCDC132	ENSG00000008018|PSMB1	ENSG00000008311|AASS	ENSG00000008988|RPS20	ENSG00000022556|NLRP2					
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	ENSG00000123353|ORMDL2	ENSG00000127325|BEST3	ENSG00000130669|PAK4	ENSG00000136242|Q9NXD8_HUMAN	ENSG00000139537|CCDC65	ENSG00000146242|TPBG	ENSG00000146955|NP_001008749.1	ENSG00000147601|TERF1					
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	ENSG00000135916|ITM2C	ENSG00000136828|RALGPS1	ENSG00000138135|CH25H	ENSG00000141141|DDX52	ENSG00000141505|ASGR1	ENSG00000150867|PIP5K2A	ENSG00000158321|AUTS2	ENSG00000158470|B4GALT5					
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	ENSG00000145736|GTF2H2	ENSG00000171425|ZNF580	ENSG00000172000|ZNF556	ENSG00000180408|Q8N5G0_HUMAN	ENSG00000183474|NP_001035955.1	ENSG00000196290|NIF3L1	ENSG00000196704|AMZ2_HUMAN	ENSG00000006831|ADIPOR2					
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	ENSG00000155959|VBP1	ENSG00000156876|SASS6	ENSG00000158669|AGPAT6	ENSG00000161958|FGF11	ENSG00000163026|C2orf44	ENSG00000163159|VPS72	ENSG00000163645|C3orf44	ENSG00000163923|RPL39L					
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	ENSG00000143458|NP_653219.1	ENSG00000150401|DCUN1D2	ENSG00000157259|GATAD1	ENSG00000166091|CMTM5	ENSG00000167601|AXL	ENSG00000174744|BRMS1	ENSG00000174915|PTDSS2	ENSG00000181467|RAP2B					
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	ENSG00000169228|MXD3	ENSG00000182134|TDRKH	ENSG00000187741|FANCA	ENSG00000188620|HMX3	ENSG00000198917|C9orf114	ENSG00000204161|C10orf128	ENSG00000016602|CLCA4	ENSG00000064601|CTSA					
	ENSG00000070526|ST6GALNAC1	ENSG00000092199|HNRPC	ENSG00000111540|RAB5B	ENSG00000113649|TCERG1	ENSG00000123165|ACTRT1	ENSG00000129460|NGDN	ENSG00000138134|STAMBPL1	ENSG00000143621|ILF2					
	ENSG00000146410|FAM54A	ENSG00000156284|CLDN8	ENSG00000162664|ZNF326	ENSG00000172974|LOC729317	ENSG00000178248|Q8N402_HUMAN	ENSG00000188269|OR7A5	ENSG00000197849|OR8G1						
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	ENSG00000101040|ZMYND8	ENSG00000102119|EMD	ENSG00000104332|SFRP1	ENSG00000104756|KCTD9	ENSG00000105617|LENG1	ENSG00000106351|HRBL	ENSG00000115419|GLS	ENSG00000115504|EHBP1					
	ENSG00000126767|ELK1	ENSG00000127445|PIN1	ENSG00000132330|SCLY	ENSG00000132524|GPS2	ENSG00000133174|ARNTL	ENSG00000136518|ACTL6A	ENSG00000138764|CCNG2						
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	ENSG00000161091|C19orf28	ENSG00000165568|AKR1CL2	ENSG00000166037|CEP57	ENSG00000167565|SERTAD3	ENSG00000167778|SPRYD3	ENSG00000167995|BEST1	ENSG00000177733|HNRPA0	ENSG00000179094|PER1					

	ENSG00000181035|SLC25A42	ENSG00000181061|HIGD1A	ENSG00000183765|CHEK2	ENSG00000183874|Q96NE0_HUMAN	ENSG00000184205|TSPYL2	ENSG00000184661|CDCA2	ENSG00000198874|TYW1	ENSG00000066855|MTFR1					
	ENSG00000100209|HSCB	ENSG00000115271|GCA	ENSG00000121691|CAT	ENSG00000137944|CCBL2	ENSG00000156521|TYSND1	ENSG00000166118|SPATA19	ENSG00000182628|FAM33A	ENSG00000182795|C1orf116					
	ENSG00000188463|XR_015229.1	ENSG00000188486|H2AFX											
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AGCCAATG	ENSG00000004777|SNX26	ENSG00000006432|MAP3K9	ENSG00000010295|NP_542768.1	ENSG00000049769|PPP1R3F	ENSG00000052802|SC4MOL	ENSG00000068024|HDAC4	ENSG00000068489|PRR11	ENSG00000088247|KHSRP					
	ENSG00000105364|MRPL4	ENSG00000105640|RPL18A	ENSG00000105669|COPE	ENSG00000121741|ZMYM2	ENSG00000122299|ZC3H7A	ENSG00000130204|TOMM40	ENSG00000133026|MYH10	ENSG00000141576|RNF157					
	ENSG00000148308|GTF3C5	ENSG00000152527|PLEKHH2	ENSG00000156599|ZDHHC5	ENSG00000160957|RECQL4	ENSG00000160959|LRRC14	ENSG00000164438|TLX3	ENSG00000175482|POLD4	ENSG00000184221|OLIG1					
	ENSG00000185522|C11orf35	ENSG00000188613|NANOS1	ENSG00000197601|MLSTD2	ENSG00000197852|C1orf183	ENSG00000198355|PIM3	ENSG00000198797|FAM5B	ENSG00000100941|PNN	ENSG00000105671|DDX49					
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	ENSG00000182628|FAM33A	ENSG00000185591|SP1	ENSG00000186272|ZNF17	ENSG00000198223|CSF2RA									
	AGCCAATG Xie:CAGCCAATGAG	ALPHA-CP1											
	CATTGGCT Xie:YSATTGGYY	NF-Y											
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	ENSG00000100028|SNRPD3	ENSG00000103202|DECR2	ENSG00000105186|ANKRD27	ENSG00000108518|PFN1	ENSG00000110880|CORO1C	ENSG00000112367|KIAA0274	ENSG00000114656|KIAA1257	ENSG00000116062|MSH6					
	ENSG00000116903|EXOC8	ENSG00000124098|C20orf108	ENSG00000124181|PLCG1	ENSG00000125505|LENG4	ENSG00000125970|RALY	ENSG00000136247|ZDHHC4	ENSG00000136942|RPL35	ENSG00000138867|C22orf13					
	ENSG00000140263|SORD	ENSG00000141401|IMPA2	ENSG00000147044|CASK	ENSG00000151952|TMEM132D	ENSG00000153214|TMEM87B	ENSG00000160570|DEDD2	ENSG00000161835|GRASP	ENSG00000163531|NFASC					
	ENSG00000163703|CRELD1	ENSG00000164916|FOXK1	ENSG00000165156|ZHX1	ENSG00000165233|C9orf89	ENSG00000166387|PPFIBP2	ENSG00000167625|ZNF526	ENSG00000168394|TAP1	ENSG00000174943|KCTD13					
	ENSG00000174950|CD164L2	ENSG00000178209|PLEC1	ENSG00000179339|Q9BT32_HUMAN	ENSG00000180758|GPR157	ENSG00000183077|AFMID	ENSG00000196419|XRCC6	ENSG00000196642|C9orf86	ENSG00000197386|HD					
	ENSG00000197620|CX04A_HUMAN	ENSG00000198520|NP_001004307.1	ENSG00000204261|PSMB9	ENSG00000205546|Q6ZTL2_HUMAN	ENSG00000010626|LRRC23	ENSG00000011243|AKAP8L	ENSG00000077264|PAK3	ENSG00000083312|TNPO1					
	ENSG00000117262|GPR89A	ENSG00000123545|C6orf66	ENSG00000127423|C1orf135	ENSG00000129292|PHF20L1	ENSG00000137133|HINT2	ENSG00000138741|TRPC3	ENSG00000144029|MRPS5	ENSG00000147119|CHST7					
	ENSG00000155085|C6orf199	ENSG00000164302|LOC651271	ENSG00000171135|JAGN1	ENSG00000181004|BBS12	ENSG00000188092|GPR89B	ENSG00000197540|GZMM	ENSG00000205061|Q6ZUP2_HUMAN						
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	ENSG00000177380|PPFIA3	ENSG00000178031|C9orf94	ENSG00000198053|SIRPA	ENSG00000003756|RBM5	ENSG00000005243|COPZ2	ENSG00000015676|NUDCD3	ENSG00000028137|TNFRSF1B	ENSG00000037749|MFAP3					
	ENSG00000054796|SPO11	ENSG00000075292|ZNF638	ENSG00000097046|CDC7	ENSG00000099338|C19orf15	ENSG00000100319|ZMAT5	ENSG00000106397|PLOD3	ENSG00000109390|NDUFC1	ENSG00000111647|NP_001006948.1					
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	ENSG00000143106|PSMA5	ENSG00000147601|TERF1	ENSG00000149600|COMMD7	ENSG00000159086|C21orf66	ENSG00000162341|TPCN2	ENSG00000162864|NP_775920.1	ENSG00000163001|CCDC104	ENSG00000165124|SVEP1					
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	ENSG00000106069|CHN2	ENSG00000112139|MDGA1	ENSG00000112320|SOBP	ENSG00000115594|IL1R1	ENSG00000115946|PNO1	ENSG00000118960|HS1BP3	ENSG00000120158|RCL1	ENSG00000130201|EXOC3L2					
	ENSG00000130813|NP_060851.1	ENSG00000132793|LPIN3	ENSG00000133794|ARNTL	ENSG00000134852|CLOCK	ENSG00000135678|CPM	ENSG00000141391|SLMO1	ENSG00000141639|MAPK4	ENSG00000143157|POGK					
	ENSG00000143674|M3KL4_HUMAN	ENSG00000143816|WNT9A	ENSG00000145491|ROPN1L	ENSG00000145782|ATG12	ENSG00000151917|C6orf65	ENSG00000159210|SNF8	ENSG00000160113|NR2F6	ENSG00000165215|CLDN3					
	ENSG00000166546|Q3B7T3_HUMAN	ENSG00000169840|GSH1	ENSG00000173276|ZNF295	ENSG00000174697|LEP	ENSG00000175352|NRIP3	ENSG00000175387|SMAD2	ENSG00000182771|GRID1	ENSG00000183657|Q8WYW5_HUMAN					
	ENSG00000184787|UBE2G2	ENSG00000185117|NR_002733.1	ENSG00000186326|RGS9BP	ENSG00000188343|FAM92A1	ENSG00000197121|PGAP1_HUMAN	ENSG00000198053|SIRPA	ENSG00000199065|hsa-mir-101-2	ENSG00000199104|hsa-mir-346					
	ENSG00000006695|COX10	ENSG00000021355|SERPINB1	ENSG00000101367|MAPRE1	ENSG00000101464|PIGU	ENSG00000105953|OGDH	ENSG00000114867|EIF4G1	ENSG00000126267|COX6B1	ENSG00000126653|CCDC55					
	ENSG00000138385|SSB	ENSG00000146223|RPL7L1	ENSG00000149328|NP_612351.2	ENSG00000153914|SFRS12	ENSG00000159884|CCDC107	ENSG00000160563|CRSP8	ENSG00000163071|SPATA18	ENSG00000184840|TMED9					
	ENSG00000184979|USP18	ENSG00000185722|ANKFY1	ENSG00000186104|CYP2R1	ENSG00000197045|GMFB	ENSG00000199071|hsa-mir-423	ENSG00000205650|Q5H950_HUMAN							
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	ENSG00000109919|MTCH2	ENSG00000109971|HSPA8	ENSG00000117154|IGSF21	ENSG00000117174|C1orf181	ENSG00000117595|IRF6	ENSG00000118007|STAG1	ENSG00000127743|IL17B	ENSG00000129559|NEDD8					
	ENSG00000130520|LSM4	ENSG00000130600|H19	ENSG00000134900|TPP2	ENSG00000140471|LINS1	ENSG00000141294|LRRC46	ENSG00000141562|NARF	ENSG00000149243|NP_001034637.1	ENSG00000149564|ESAM					
	ENSG00000149591|TAGLN	ENSG00000154127|STS1_HUMAN	ENSG00000157911|PEX10	ENSG00000160349|LCN1	ENSG00000165886|UBTD1	ENSG00000166311|SMPD1	ENSG00000168010|ATG16L2	ENSG00000168763|CNNM3					
	ENSG00000170315|UBIQ_HUMAN	ENSG00000171204|TMEM126B	ENSG00000171421|MRPL36	ENSG00000172432|GTPBP2	ENSG00000173614|NMNAT1	ENSG00000175471|MCTP1	ENSG00000178980|SEPW1	ENSG00000183475|ASB7					
	ENSG00000184674|GSTT1	ENSG00000185728|YTHDF3	ENSG00000196378|Q9BSZ0_HUMAN	ENSG00000196754|S100A2	ENSG00000198142|ANKRD57	ENSG00000204874|C7orf13	ENSG00000105954|NPVF	ENSG00000106004|HOXA5					
	ENSG00000106133|NSUN5C	ENSG00000106772|KIAA0367	ENSG00000109445|ZNF330	ENSG00000110975|SYT10	ENSG00000111886|GABRR2	ENSG00000115524|SF3B1	ENSG00000119820|YIPF4	ENSG00000122543|ONCO_HUMAN					
	ENSG00000125703|ATG4C	ENSG00000132855|ANGPTL3	ENSG00000135175|OCM	ENSG00000137500|CCDC90B	ENSG00000145331|RG9MTD2	ENSG00000146007|ZMAT2	ENSG00000148429|USP6NL	ENSG00000153066|TXNDC11					
	ENSG00000153814|JAZF1	ENSG00000155561|NUP205	ENSG00000159111|MRPL10	ENSG00000164169|NP_612373.2	ENSG00000164823|OSGIN2	ENSG00000165516|KLHDC2	ENSG00000169045|HNRPH1	ENSG00000176208|ATAD5					
	ENSG00000177868|CCDC23	ENSG00000178137|Q8NB83_HUMAN	ENSG00000181271|Q00849_HUMAN	ENSG00000181996|Q8N8W3_HUMAN	ENSG00000182854|OR4F15	ENSG00000184564|SLITRK6	ENSG00000184619|KRBA2	ENSG00000186119|OR5D18					
	ENSG00000196861|NACA2	ENSG00000197065|FSBP_HUMAN	ENSG00000198526|PABPCP2	ENSG00000205352|Q9NZ81-2									
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	ENSG00000125798|FOXA2	ENSG00000137936|BCAR3	ENSG00000140691|ARMC5	ENSG00000143549|TPM3	ENSG00000147955|OPRS1	ENSG00000149084|HSD17B12	ENSG00000149948|HMGA2	ENSG00000156735|BAG4					
	ENSG00000157741|Q6ZU65_HUMAN	ENSG00000160685|ZBTB7B	ENSG00000164304|CAGE1	ENSG00000165272|AQP3	ENSG00000168398|BDKRB2	ENSG00000173088|Q5VUS1_HUMAN	ENSG00000173875|ZNF791	ENSG00000175324|LSM1					
	ENSG00000175414|ARL10	ENSG00000177951|BET1L	ENSG00000177963|RIC8A	ENSG00000180287|PLD5	ENSG00000183093|MRPL12	ENSG00000184584|TMEM173	ENSG00000185469|RTL1	ENSG00000185920|PTCH1					
	ENSG00000188033|ZNF490	ENSG00000196292|XR_016172.1	ENSG00000197463|CSAG3B	ENSG00000204243|Q6UXS3_HUMAN	ENSG00000205645|Q6ZSV9_HUMAN	ENSG00000079689|SCGN	ENSG00000100731|PCNX	ENSG00000103995|CEP152					
	ENSG00000111801|BTN3A3	ENSG00000117620|SLC35A3	ENSG00000120055|C10orf95	ENSG00000122203|KIAA1191	ENSG00000124333|SYBL1	ENSG00000130830|MPP1	ENSG00000132680|KIAA0907	ENSG00000132911|NMUR2					
	ENSG00000136866|ZFP37	ENSG00000142556|ZNF614	ENSG00000143436|MRPL9	ENSG00000143947|RPS27A	ENSG00000148944|Q6PEB8_HUMAN	ENSG00000151327|C14orf24	ENSG00000154080|CHST9	ENSG00000159259|CHAF1B					
	ENSG00000165669|C10orf84	ENSG00000166794|PPIB	ENSG00000172660|TAF15	ENSG00000174749|C4orf32	ENSG00000180589|Q9UI73_HUMAN	ENSG00000182628|FAM33A	ENSG00000185904|XR_017865.1	ENSG00000196152|ZNF79					
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	ENSG00000130600|H19	ENSG00000140395|WDR61	ENSG00000148805|NR_002934.2	ENSG00000154920|EME1	ENSG00000156050|C14orf44	ENSG00000160396|HIPK4	ENSG00000161640|SIGLEC11	ENSG00000163239|TDRD10					
	ENSG00000165304|MELK	ENSG00000166157|TPTE	ENSG00000169291|SHE	ENSG00000170632|ARMC10	ENSG00000177192|PUS1	ENSG00000184709|LRRC26	ENSG00000185005|GMCL1L	ENSG00000185437|SH3BGR					
	ENSG00000188986|NELFB_HUMAN	ENSG00000189046|ALKBH2	ENSG00000189050|NP_057209.3	ENSG00000197647|ZNF433	ENSG00000198142|ANKRD57	ENSG00000205559|Q6IBW5_HUMAN	ENSG00000205560|CHKB	ENSG00000004897|CDC27					
	ENSG00000366672|USP2	ENSG00000073282|TP73L	ENSG00000077943|ITGA8	ENSG00000100902|PSMA6	ENSG00000115762|PLEKHB2	ENSG00000121621|KIF18A	ENSG00000123353|ORMDL2						
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	ENSG00000165288|BRWD3	ENSG00000167920|TMEM99	ENSG00000169519|METT5D1	ENSG00000170262|MRAP	ENSG00000172590|MRPL52	ENSG00000172900|XR_017872.1	ENSG00000173436|C1orf151	ENSG00000174792|C4orf26					
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	ENSG00000196539|OR2T3	ENSG00000197911|Q9H6Z8_HUMAN	ENSG00000203814|HIST2H2BF	ENSG00000204118|NAP1L6	ENSG00000204123|Q56UU7_HUMAN	ENSG00000205424|Q6ZW00_HUMAN							
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	ENSG00000093167|LRRFIP2	ENSG00000095261|PSMD5	ENSG00000095794|CREM	ENSG00000100897|WDR23	ENSG00000101558|VAPA	ENSG00000103978|TMEM87A	ENSG00000105737|GRIK5	ENSG00000105784|NP_612147.1					
	ENSG00000105968|H2AFV	ENSG00000107669|ATE1	ENSG00000116141|MARK1	ENSG00000117242|DDOST	ENSG00000118194|TNNT2	ENSG00000118960|HS1BP3	ENSG00000125148|MT2A	ENSG00000125633|CCDC93					
	ENSG00000125931|CITED1	ENSG00000127098|ANKRD19	ENSG00000129055|ANAPC13	ENSG00000130270|ATP8B3	ENSG00000135919|SERPINE2	ENSG00000136485|WDR68	ENSG00000136854|STXBP1	ENSG00000137770|CTDSPL2					
	ENSG00000140274|DUOXA2	ENSG00000141098|GFOD2	ENSG00000142453|CARM1	ENSG00000142494|NP_060712.2	ENSG00000143001|TMEM61	ENSG00000143195|C1orf32	ENSG00000143933|CALM2	ENSG00000146963|LUC7L2					
	ENSG00000147854|UHRF2	ENSG00000148339|SLC25A25	ENSG00000148513|ANKRD30A	ENSG00000153531|ADPRHL1	ENSG00000161996|WDR90	ENSG00000163249|CCNYL1	ENSG00000163633|C4orf36	ENSG00000165215|CLDN3					
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	ENSG00000204090|Q6ZVQ1_HUMAN	ENSG00000205155|PSENEN	ENSG00000026652|AGPAT4	ENSG00000042088|TDP1	ENSG00000065609|SNAP91	ENSG00000068366|ACSL4	ENSG00000070269|C14orf101						
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	ENSG00000140025|C14orf143	ENSG00000145241|CENPC1	ENSG00000146006|LRRTM2	ENSG00000146350|C6orf170	ENSG00000147133|TAF1	ENSG00000147669|POLR2K	ENSG00000148218|ALAD	ENSG00000151466|SCLT1					
	ENSG00000152931|PART1_HUMAN	ENSG00000153147|SMARCA5	ENSG00000170748|HNRGT_HUMAN	ENSG00000175054|ATR	ENSG00000176988|FMR1NB	ENSG00000180441|Q9UHU7_HUMAN	ENSG00000180935|Q8N8B3_HUMAN	ENSG00000186462|NAP1L2					
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	ENSG00000184434|LRRC19	ENSG00000186407|CD300E	ENSG00000187621|TCL1B	ENSG00000187695|Q6ZUG5_HUMAN	ENSG00000203663|OR2L2								
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	ENSG00000117461|PIK3R3	ENSG00000119414|PPP6C	ENSG00000119685|TTLL5_HUMAN	ENSG00000121644|C1orf121	ENSG00000121988|ZRANB3	ENSG00000125384|PTGER2	ENSG00000125409|TEKT3	ENSG00000132801|ZSWIM3				
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	ENSG00000133935|C14orf1	ENSG00000135315|KIAA1009	ENSG00000135540|NHSL1	ENSG00000139636|LMBR1L	ENSG00000140093|SERPINA10	ENSG00000141404|GNAL	ENSG00000142731|PLK4	ENSG00000143942|CHAC2				
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	ENSG00000144445|NP_689732.2	ENSG00000148848|ADAM12	ENSG00000149499|EML3	ENSG00000153933|DGKE	ENSG00000154310|TNIK	ENSG00000160629|C17orf32	ENSG00000162775|MKL1	ENSG00000164323|KIAA1430				
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	ENSG00000139343|SNRPF	ENSG00000140299|BNIP2	ENSG00000145321|GC	ENSG00000148690|C10orf4	ENSG00000152766|ANKRD22	ENSG00000155393|HEATR3	ENSG00000157538|DSCR3	ENSG00000157606|SPATS1				
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	ENSG00000151023|C10orf63	ENSG00000151135|C12orf23	ENSG00000155330|NP_001001436.1	ENSG00000160207|HSF2BP	ENSG00000163617|KIAA1407	ENSG00000164038|NP_849155.2	ENSG00000165195|PIGA	ENSG00000166068|SPRED1				
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	ENSG00000206104|Q3LI60_HUMAN	ENSG00000206534|Q49KD3_HUMAN												
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	CACGTGAT Xie:ATCACGTGAY	SREBP-1												
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	ENSG00000134954|ETS1	ENSG00000136478|TEX2	ENSG00000136720|HS6ST1	ENSG00000136819|C9orf78	ENSG00000138135|CH25H	ENSG00000138604|GLCE	ENSG00000146535|GNA12	ENSG00000146828|SLC12A9						
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	ENSG00000117748|RPA2	ENSG00000121152|NCAPH	ENSG00000125879|OTOR	ENSG00000131778|CHD1L	ENSG00000132196|HSD17B7	ENSG00000138892|NP_001073916.1	ENSG00000143891|GALM	ENSG00000144674|GOLGA4						
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	ENSG00000166869|CHP2_HUMAN	ENSG00000167670|CHAF1A	ENSG00000169288|MRPL1	ENSG00000174339|OR2Y1	ENSG00000178386|ZNF223	ENSG00000182572|HIST1H3I	ENSG00000182993|C12orf60	ENSG00000184139|Q9BR82_HUMAN		
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	ENSG00000187905|NP_001013697.1	ENSG00000188229|TUBB2C	ENSG00000188895|Q68DK7_HUMAN	ENSG00000199065|hsa-mir-101-2	ENSG00000205761|Q6ZRI7_HUMAN	ENSG00000046889|DEPDC2	ENSG00000068654|POLR1A	ENSG00000085433|WDR47					
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	ENSG00000136051|KIAA1033	ENSG00000137221|TJAP1	ENSG00000137575|SDCBP	ENSG00000138381|ASNSD1	ENSG00000147166|ITGB1BP2	ENSG00000147894|C9orf72	ENSG00000150054|MPP7	ENSG00000151466|SCLT1					
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	ENSG00000114573|ATP6V1A	ENSG00000114850|SSR3	ENSG00000121579|NAT13	ENSG00000123411|IKZF4	ENSG00000123737|EXOSC9	ENSG00000124260|MAGEA10	ENSG00000127804|METT10D	ENSG00000135473|USP52					
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	ENSG00000118231|CRYGD	ENSG00000122783|C7orf49	ENSG00000124587|PEX6	ENSG00000125869|C20orf103	ENSG00000128284|APOL3	ENSG00000128534|LSM8	ENSG00000134255|CEPT1	ENSG00000134480|CCNH					
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	ENSG00000203858|Q99890_HUMAN	ENSG00000204118|NAP1L6	ENSG00000205270|Q6P168_HUMAN	ENSG00000205276|Q6P168_HUMAN									
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	ENSG00000143387|CTSK	ENSG00000144857|BOC	ENSG00000146383|TAAR6	ENSG00000146453|PNLDC1	ENSG00000150667|FSIP1	ENSG00000150990|DHX37	ENSG00000151116|UEVLD	ENSG00000153187|HNRPU				
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ENSG00000179008|C14orf39 ENSG00000179021|C3orf38 ENSG00000182801|ID2B ENSG00000187189|TSPYL4 ENSG00000187823|ZCCHC16 ENSG00000188000|OR7D2 ENSG00000197817|Q9UHS9_HUMAN ENSG00000204343|C9orf118
ENSG00000204424|LY6G6D ENSG00000204463|BAT3 ENSG00000204928|NP_001073985.1 ENSG00000205527|HSP90AB4P ENSG00000205808|PPAPDC2 ENSG00000206550|LOC285346 ENSG00000207651|hsa-mir-28
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ENSG00000072042|RDH11 ENSG00000107897|ACBD5 ENSG00000117280|RAB7L1 ENSG00000119865|C2orf32 ENSG00000132693|CRP ENSG00000137460|NP_203751.2 ENSG00000150681|RGS18 ENSG00000154473|BUB3
ENSG00000159167|STC1 ENSG00000160049|DFFA ENSG00000160563|CRSP8 ENSG00000165899|C12orf64 ENSG00000166670|MMP10 ENSG00000173862|Q9NWP0_HUMAN ENSG00000176476|CCDC101 ENSG00000176798|OR51L1

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	ENSG00000197494|NP_079360.1	ENSG00000197863|ZNF790	ENSG00000205270|Q6P168_HUMAN	ENSG00000205276|Q6P168_HUMAN	ENSG00000205592|MUC19	ENSG00000206188|NR_001549.1					
	CATTTCCC Xie:CAnTTCCS	STAT1									
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	ENSG00000100380|ST13	ENSG00000104936|DMPK	ENSG00000107262|BAG1	ENSG00000113231|PDE8B	ENSG00000116641|DOCK7	ENSG00000124702|KLHDC3	ENSG00000124733|MEA1	ENSG00000125631|XR_017010.1			
	ENSG00000125965|GDF5	ENSG00000126001|CEP250	ENSG00000126790|C14orf149	ENSG00000135378|PRRG4	ENSG00000135624|CCT7	ENSG00000141524|TMC6	ENSG00000149308|NPAT	ENSG00000149311|ATM			
	ENSG00000156966|B3GNT7	ENSG00000159189|C1QC	ENSG00000159423|ALDH4A1	ENSG00000160218|TMEM1	ENSG00000160613|PCSK7	ENSG00000161533|ACOX1	ENSG00000162409|PRKAA2	ENSG00000162779|C1orf125			
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	ENSG00000018610|CXorf56	ENSG00000049245|VAMP3	ENSG00000059758|PCTK2	ENSG00000062370|ZNF228	ENSG00000071243|ING3	ENSG00000091009|RBM27	ENSG00000092200|RPGRIP1	ENSG00000104313|EYA1			
	ENSG00000109103|UNC119	ENSG00000109851|DBX1	ENSG00000112996|MRPS30	ENSG00000115274|ZNHIT4	ENSG00000115310|RTN4	ENSG00000118267|ZNF271	ENSG00000125845|BMP2	ENSG00000125975|C20orf173			
	ENSG00000127917|ARF1P1	ENSG00000128654|MTX2	ENSG00000131737|KRT34	ENSG00000132010|ZNF20	ENSG00000135338|C6orf152	ENSG00000138068|ST6B1_HUMAN	ENSG00000138303|ASCC1	ENSG00000142168|SOD1			
	ENSG00000143294|PRCC	ENSG00000143337|TOR1AIP1	ENSG00000143393|PIK4CB	ENSG00000145868|FBXO38	ENSG00000145975|C6orf146	ENSG00000146350|C6orf170	ENSG00000146842|NP_116231.2	ENSG00000148606|POLR3A			
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	ENSG00000179796|LRRC3B	ENSG00000180104|EXOC3	ENSG00000180245|RRH	ENSG00000180318|CART1	ENSG00000180589|Q9UI73_HUMAN	ENSG00000182319|SG223_HUMAN	ENSG00000184187|Q9P159_HUMAN	ENSG00000184662|LOC731173			
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	ENSG00000176049|JAKMIP2	ENSG00000176563|CNTD1	ENSG00000178460|C8orf45	ENSG00000178538|CA8	ENSG00000182195|LDOC1	ENSG00000182857|Q6P168_HUMAN	ENSG00000183128|FAM26A	ENSG00000185272|RBM11			
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	CCAACGGC Xie:GCCnnnGGC	AP-2ALPHA									
	GCCGTTGG Xie:GCCnnnGGC	AP-2ALPHA									
CCAACGTC	ENSG00000029725|RABEP1	ENSG00000034239|EFCAB1	ENSG00000042022|ABHD14A	ENSG00000065883|CDC2L5	ENSG00000086967|MYBPC2	ENSG00000088970|C20orf19	ENSG00000094631|HDAC6	ENSG00000105664|COMP			
	ENSG00000106078|COBL	ENSG00000108819|PPP1R9B	ENSG00000111361|EIF2B1	ENSG00000111266|DUSP16	ENSG00000126351|THRA	ENSG00000131376|SNRPA1	ENSG00000132341|RAN				
	ENSG00000141552|ANAPC11	ENSG00000148143|ZNF462	ENSG00000149218|ENDOD1	ENSG00000149428|HYOU1	ENSG00000149925|ALDOA	ENSG00000152268|SPON1	ENSG00000153485|C14orf109	ENSG00000155366|RHOC			
	ENSG00000158615|PPP1R15B	ENSG00000159069|FBXW5	ENSG00000159692|CTBP1	ENSG00000166220|C10orf27	ENSG00000167494|NOS2B	ENSG00000169302|STK32A	ENSG00000173762|CD7	ENSG00000173868|PHOSPHO1			
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	ENSG00000006788|MYH13	ENSG00000063587|ZNF275	ENSG00000082458|DLG3	ENSG00000100226|GTPBP1	ENSG00000104774|MAN2B1	ENSG00000106692|FCMD	ENSG00000111358|GTF2H3				
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	ENSG00000104756|KCTD9	ENSG00000104824|HNRPL	ENSG00000117461|PIK3R3	ENSG00000118620|ZNF430	ENSG00000126767|ELK1	ENSG00000130766|SESN2	ENSG00000131127|ZNF141	ENSG00000135617|C2orf7			
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	ENSG00000172000|ZNF556	ENSG00000173933|RBM4	ENSG00000175387|SMAD2	ENSG00000175691|ZNF77	ENSG00000175832|ETV4	ENSG00000176624|RKHD2	ENSG00000178804|H1FOO	ENSG00000178997|EXDL1			
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	ENSG00000204368|SSX7	ENSG00000204501|PRAMEF9	ENSG00000204648|SSX9	ENSG00000205246|NP_001005472.1	ENSG00000205883|DB135_HUMAN						
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	ENSG00000103111|MON1B	ENSG00000104517|EDD1	ENSG00000104980|TIMM44	ENSG00000105379|ETFB	ENSG00000105617|LENG1	ENSG00000106246|PTCD1	ENSG00000106780|MEGF9	ENSG00000110025|SNX15			
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	ENSG00000177133|Q6ZV91_HUMAN	ENSG00000181220|ZNF746	ENSG00000181638|GLI4	ENSG00000182404|LYRM4	ENSG00000183780|SLC35F3	ENSG00000184428|TOP1MT	ENSG00000184474|Q96FP4_HUMAN	ENSG00000185787|MORF4L1							
	ENSG00000196235|SUPT5H	ENSG00000198087|CD2AP	ENSG00000198324|FAM109A	ENSG00000198699|Q6UWI7_HUMAN	ENSG00000198797|FAM5B	ENSG00000204217|BMPR2	ENSG00000204242|Q3C1X3_HUMAN	ENSG00000205614|XR_017940.1							
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	ENSG00000132432|SEC61G	ENSG00000137338|PGBD1	ENSG00000143183|TMCO1	ENSG00000143543|JTB	ENSG00000144182|LIPT1	ENSG00000148110|HIATL1	ENSG00000148358|GPR107	ENSG00000149090|NP_001001991.1							
	ENSG00000150667|FSIP1	ENSG00000156298|TSPAN7	ENSG00000156587|UBE2L6	ENSG00000157224|CLDN12	ENSG00000159884|CCDC107	ENSG00000162594|IL23R	ENSG00000163797|MRPL33	ENSG00000167210|LOXHD1							
	ENSG00000170439|METTL7B	ENSG00000177493|C1orf215	ENSG00000179119|SPTY2D1	ENSG00000179295|PTPN11	ENSG00000180104|EXOC3	ENSG00000180589|Q9UI73_HUMAN	ENSG00000182552|RWDD4A								
	ENSG00000185946|RNPC3	ENSG00000188312|CENPP	ENSG00000188427|XR_017855.1	ENSG00000188817|NP_001074006.1	ENSG00000196240|OR2T2	ENSG00000196312|HIATL2	ENSG00000198185|ZNF334	ENSG00000198670|LPA							
	ENSG00000203788|Q6ZMM1_HUMAN	ENSG00000204138|PHACTR4	ENSG00000204560|DHX16	ENSG00000205228|Q6ZSD1_HUMAN											
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	ENSG00000163526|TUBA4B	ENSG00000163602|RYBP	ENSG00000167978|SRRM2	ENSG00000172071|EIF2AK3	ENSG00000172915|NBEA	ENSG00000175155|YPEL2	ENSG00000179673|RPRML	ENSG00000181754|AMIGO1							
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	ENSG00000180592|NP_997254.2	ENSG00000180776|ZDHHC20	ENSG00000181541|MAB21L2	ENSG00000183631|Q5JQE8_HUMAN	ENSG00000185418|TARSL2	ENSG00000186310|NAP1L3	ENSG00000188324|OR6C6	ENSG00000188402|NP_995324.1							
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	ENSG00000115145|STAM2	ENSG00000115652|UXS1	ENSG00000121481|RNF2	ENSG00000128534|LSM8	ENSG00000130669|PAK4	ENSG00000131725|WDR44	ENSG00000132423|COQ3	ENSG00000134684|YARS						
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	ENSG00000108039|XPNPEP1	ENSG00000108576|SLC6A4	ENSG00000109919|MTCH2	ENSG00000110436|SLC1A2	ENSG00000111707|SUDS3	ENSG00000115254|XAB1	ENSG00000116141|MARK1	ENSG00000118050|C19orf24						
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	ENSG00000100426|ZBED4	ENSG00000100883|SRP54	ENSG00000101405|OXT	ENSG00000103197|TSC2	ENSG00000103202|DECR2	ENSG00000103449|SALL1	ENSG00000104290|FZD3	ENSG00000105255|FSD1			
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	ENSG00000092020|PPP2R3C	ENSG00000095321|CRAT	ENSG00000096093|EFHC1	ENSG00000100425|BRD1	ENSG00000102409|BEXL1	ENSG00000102904|TSNAXIP1	ENSG00000103495|MAZ	ENSG00000106336|FBXO24						
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	ENSG00000145782|ATG12	ENSG00000146755|TRIM50	ENSG00000157916|RER1	ENSG00000159247|LOC643224	ENSG00000168826|ZNF509	ENSG00000171159|C9orf16	ENSG00000174326|SLC16A11	ENSG00000176788|BASP1						
	ENSG00000177133|Q6ZV91_HUMAN	ENSG00000177932|ZNF354C	ENSG00000178809|TRIM73	ENSG00000183633|C14orf132	ENSG00000197003|P461_HUMAN	ENSG00000204274|Q6ZSG4_HUMAN	ENSG00000204352|C9orf129	ENSG00000205965|Q6ZTX6_HUMAN						
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	ENSG00000174720|LARP7	ENSG00000177535|OR2B11	ENSG00000178057|C3orf60	ENSG00000178105|DDX10	ENSG00000179151|EDC3	ENSG00000180098|TRSPAP1	ENSG00000180881|CAPS2	ENSG00000183032|SLC25A21						
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	ENSG00000196981|WDR5B	ENSG00000206538|VGLL3										
CGCGTGAC	ENSG00000003056|M6PR	ENSG00000004534|RBM6	ENSG00000070371|CLTCL1	ENSG00000089048|ESF1	ENSG00000099899|HTF9C_HUMAN	ENSG00000100167|SEPT3	ENSG00000101189|C20orf20	ENSG00000112651|MRPL2				
	ENSG00000130956|HABP4	ENSG00000136826|KLF4	ENSG00000144026|ZNF514	ENSG00000164296|TIGD6	ENSG00000166246|C16orf71	ENSG00000174238|PITPNA	ENSG00000177302|TOP3A	ENSG00000178229|ZNF543				
	ENSG00000178412|Q8N7E7_HUMAN	ENSG00000182118|FAM89A	ENSG00000182794|Q9H5H6_HUMAN	ENSG00000185813|PCYT2	ENSG00000204386|NEU1	ENSG00000006125|AP2B1	ENSG00000033050|ABCF2	ENSG00000064999|ANKS1A				
	ENSG00000070501|POLB	ENSG00000096401|CDC5L	ENSG00000100219|XBP1	ENSG00000100226|GTPBP1	ENSG00000101247|C20orf7	ENSG00000103966|EHD4	ENSG00000104205|SGK3	ENSG00000106554|CHCHD3				
	ENSG00000111912|NCOA7	ENSG00000112149|CD83	ENSG00000116266|STXBP3	ENSG00000118420|C6orf157	ENSG00000122873|ZCD1	ENSG00000134249|ADAM30	ENSG00000144827|ABHD10	ENSG00000146350|C6orf170				
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	ENSG00000140025|C14orf143	ENSG00000143493|INTS7	ENSG00000144451|SPAG16	ENSG00000144597|EAF1	ENSG00000168646|AXIN2	ENSG00000170390|DCLK2	ENSG00000174720|LARP7	ENSG00000179163|FUCA1				
	ENSG00000183582|C21orf87	ENSG00000196096|Q6ZV57_HUMAN	ENSG00000196409|ZNF658B	ENSG00000198416|Z658B_HUMAN	ENSG00000204108|Q6NSB1_HUMAN							
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	ENSG00000073921|PICALM	ENSG00000088899|K0552_HUMAN	ENSG00000103546|SLC6A2	ENSG00000106829|TLE4	ENSG00000115211|EIF2B4	ENSG00000119242|CCDC92	ENSG00000120457|KCNJ5	ENSG00000122545|SEPT7				
	ENSG00000125743|SNRPD2	ENSG00000126214|KLC1	ENSG00000132024|CC2D1A	ENSG00000132906|CASP9	ENSG00000134253|TRIM45	ENSG00000134352|IL6ST	ENSG00000134575|ACP2	ENSG00000135622|SEMA4F				
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	ENSG00000154719|MRPL39	ENSG00000154889|MPPE1	ENSG00000156035|PRUNE2	ENSG00000156467|UQCRB	ENSG00000162928|PEX13	ENSG00000163918|RFC4	ENSG00000164944|KIAA1429	ENSG00000165244|ZNF367				
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	ENSG00000166008|MAGEA9	ENSG00000169519|METT5D1	ENSG00000170759|KIF5B	ENSG00000175073|VCPIP1	ENSG00000182636|NDN	ENSG00000183785|PEX26	ENSG00000184056|VPS33B	ENSG00000196305|IARS				
	ENSG00000197548|ATG7	ENSG00000198785|GRIN3A										
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	ENSG00000156639|ZFAND3	ENSG00000162496|DHRS3	ENSG00000167371|PRRT2	ENSG00000169375|SIN3A	ENSG00000170629|NP_872440.2	ENSG00000174899|Q8N6Q6_HUMAN	ENSG00000175374|SPESP1	ENSG00000178343|NP_001073974.1				
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	ENSG00000110148|CCKBR	ENSG00000111707|SUDS3	ENSG00000112182|BACH2	ENSG00000112309|B3GAT2	ENSG00000113196|HAND1	ENSG00000116062|MSH6	ENSG00000118058|MLL	ENSG00000120526|NUDCD1					
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	ENSG00000130731|NP_001035251.1	ENSG00000135775|COG2	ENSG00000136040|PLXNC1	ENSG00000142208|AKT1	ENSG00000143537|ADAM15	ENSG00000144401|FAM119A	ENSG00000145555|MYO10	ENSG00000160055|C1orf91					
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	ENSG00000179859|LOC284023	ENSG00000181773|GPR3	ENSG00000182013|NP_060685.2	ENSG00000182362|C21orf57	ENSG00000182405|PGBD4	ENSG00000183496|RKHD3	ENSG00000185359|HGS	ENSG00000187446|CHP1_HUMAN					
	ENSG00000189114|BLOC1S3	ENSG00000196262|PPIA	ENSG00000204261|PSMB9	ENSG00000205362|MT1A	ENSG00000048991|R3HDM1	ENSG00000058804|TMEM48	ENSG00000107201|DDX58	ENSG00000110108|TMEM109					
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	ENSG00000088247|KHSRP	ENSG00000104824|HNRPL	ENSG00000105928|DFNA5	ENSG00000107147|KCNT1	ENSG00000113742|CPEB4	ENSG00000115211|EIF2B4	ENSG00000120318|CENTD3	ENSG00000120440|TTLL2					
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	ENSG00000144736|SHQ1	ENSG00000151388|ADAMTS12	ENSG00000152082|FAM128B	ENSG00000152268|SPON1	ENSG00000158352|SHROOM4	ENSG00000164853|NP_001073930.1	ENSG00000166407|LMO1	ENSG00000168476|REEP4					
	ENSG00000170855|TRIAP1	ENSG00000173137|ADCK5	ENSG00000175482|POLD4	ENSG00000177461|Q8NA31_HUMAN	ENSG00000178685|PARP10	ENSG00000179635|XR_017842.1	ENSG00000181965|NEUROG1	ENSG00000182450|KCNK4					
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	ENSG00000159113|IL10RB	ENSG00000164626|KCNK5	ENSG00000165006|UBAP1	ENSG00000165271|NOL6	ENSG00000165527|ARF6	ENSG00000166347|CYB5A	ENSG00000167914|GSDM1	ENSG00000167985|C11orf79					
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	ENSG00000136536|MARCH7	ENSG00000143499|SMYD2	ENSG00000155906|RMND1	ENSG00000157107|FCHO2	ENSG00000164045|CDC25A	ENSG00000165416|SUGT1	ENSG00000169814|BTD	ENSG00000175718|CXorf55					
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	ENSG00000160062|ZBTB8	ENSG00000162086|ZNF75A	ENSG00000164100|NDST3	ENSG00000164649|CDCA7L	ENSG00000165416|SUGT1	ENSG00000166851|PLK1	ENSG00000176595|KBTBD11	ENSG00000177112|Q8N6V7_HUMAN								
	ENSG00000181104|F2R	ENSG00000196456|ZNF775	ENSG00000196834|POT14_HUMAN	ENSG00000202641|hsa-mir-484	ENSG00000204103|MAFB	ENSG00000204389|HSPA1A	ENSG00000204390|HSPA1L	ENSG00000205077|Q9P199_HUMAN								
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	ENSG00000174891|RSRC1	ENSG00000179532|C11orf47	ENSG00000183227|Q96RI3_HUMAN	ENSG00000184022|OR2T10	ENSG00000184302|SIX6	ENSG00000187537|NP_001005356.1	ENSG00000197914|HIST1H4K	ENSG00000197953|AADACL2								
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	ENSG00000127445|PIN1	ENSG00000129159|KCNC1	ENSG00000138646|HERC5	ENSG00000148356|LRSAM1	ENSG00000165650|PDZD8	ENSG00000167674|NP_001001520.1	ENSG00000167779|IGFBP6	ENSG00000169594|BNC1								
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	ENSG00000151414|NEK7 ENSG00000155827|RNF20 ENSG00000155975|VPS37A ENSG00000157110|RBPMS ENSG00000159708|LRRC36 ENSG00000163156|SCNM1 ENSG00000163795|ZNF513 ENSG00000164543|STK17A
	ENSG00000165152|C9orf125 ENSG00000165879|FRAT1 ENSG00000167799|NUDT8 ENSG00000168214|RBPJ ENSG00000168676|KCTD19 ENSG00000169951|ZNF764 ENSG00000170989|EDG1 ENSG00000174326|SLC16A11
	ENSG00000175215|CTDSP2 ENSG00000176108|CHMP6 ENSG00000178445|GLDC ENSG00000181409|AATK ENSG00000185352|HS6ST3 ENSG00000186654|ARHGAP8 ENSG00000188859|FAM78B ENSG00000196497|IPO4
	ENSG00000204843|DCTN1 ENSG00000205364|MT1M ENSG00000207611|hsa-mir-149 ENSG00000207789|hsa-mir-26a-2 ENSG00000211563|hsa-mir-338 ENSG00000004766|CCDC132 ENSG00000064703|DDX20 ENSG00000066557|LRRC40
	ENSG00000073756|PTGS2 ENSG00000085840|ORC1L ENSG00000089094|FBXL10 ENSG00000100246|DNAL4 ENSG00000105053|VRK3 ENSG00000114544|SLC41A3 ENSG00000121691|CAT ENSG00000125912|NCLN
	ENSG00000131373|HACL1 ENSG00000134186|PRPF38B ENSG00000134480|CCNH ENSG00000135525|MAP7 ENSG00000144867|SRPRB ENSG00000145592|RPL37 ENSG00000145833|DDX46 ENSG00000150627|WDR17
	ENSG00000153015|SDCCAG10 ENSG00000156009|MAGEA8 ENSG00000157606|SPATS1 ENSG00000162624|LHX8 ENSG00000163155|LYSMD1 ENSG00000163319|MRPS18C ENSG00000176024|ZNF613 ENSG00000177182|NP_775790.1

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	ENSG00000119711|ALDH6A1	ENSG00000130939|UBE4B	ENSG00000136274|NACAD	ENSG00000136352|TITF1	ENSG00000143878|RHOB	ENSG00000149658|YTHDF1	ENSG00000157014|TATDN2	ENSG00000162496|DHRS3				
	ENSG00000163462|TRIM46	ENSG00000163463|KRTCAP2	ENSG00000164877|MICALL2	ENSG00000165474|GJB2	ENSG00000166145|SPINT1	ENSG00000166197|NOLC1	ENSG00000167065|DUSP18	ENSG00000167733|HSD11B1L				
	ENSG00000167967|E4F1	ENSG00000168385|SEPT2	ENSG00000172840|PDP2_HUMAN	ENSG00000174885|NLRP6	ENSG00000174917|NP_991330.1	ENSG00000180644|PRF1	ENSG00000180667|YOD1					
	ENSG00000181885|CLDN7	ENSG00000182518|FAM104B	ENSG00000182646|TMEM29	ENSG00000189114|BLOC1S3	ENSG00000196935|SRGAP1	ENSG00000204027|Q6ZRN3_HUMAN	ENSG00000018869|ZNF582	ENSG00000024862|CCDC28A				
	ENSG00000079102|RUNX1T1	ENSG00000090006|LTBP4	ENSG00000103995|CEP152	ENSG00000104783|KCNN4	ENSG00000112273|HDGFL1	ENSG00000119333|WDR34	ENSG00000127920|GNG11	ENSG00000134028|ADAMDEC1				
	ENSG00000135002|RFK	ENSG00000147255|IGSF1	ENSG00000148655|C10orf11	ENSG00000153132|CLGN	ENSG00000157764|BRAF	ENSG00000158793|NIT1	ENSG00000164211|STARD4	ENSG00000166579|NDEL1				
	ENSG00000168625|HYDIN	ENSG00000171475|WIPF2	ENSG00000172466|ZNF24	ENSG00000173212|C1orf161	ENSG00000175697|GPR156	ENSG00000176208|ATAD5	ENSG00000178741|COX5A	ENSG00000181961|OR4A16				
	ENSG00000189367|C6orf174	ENSG00000196805|SPRR2A	ENSG00000196967|ZNF585A	ENSG00000198513|SPG3A	ENSG00000203831|Q6ZWD5_HUMAN	ENSG00000204691|NR_002819.1	ENSG00000205369|Q8N7I0_HUMAN	ENSG00000205728|Q6ZRB1_HUMAN				
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	ENSG00000141873|SLC39A3	ENSG00000146858|ZC3HAV1L	ENSG00000164012|WDR65	ENSG00000165006|UBAP1	ENSG00000172172|HOOK3	ENSG00000174915|PTDSS2	ENSG00000175600|C7orf10	ENSG00000179195|ZNF664				
	ENSG00000185917|SETD4	ENSG00000205396|Q6ZRG2_HUMAN	ENSG00000007001|UPP2	ENSG00000056050|C4orf27	ENSG00000060709|RIMBP2	ENSG00000066468|FGFR2	ENSG00000087053|MTMR2	ENSG00000105829|BET1				
	ENSG00000109851|DBX1	ENSG00000114354|TFG	ENSG00000116906|GNPAT	ENSG00000118523|CTGF	ENSG00000119650|C14orf179	ENSG00000119913|TECTB	ENSG00000120451|SNX19	ENSG00000122970|IFT81				
	ENSG00000128610|FEZF1	ENSG00000129680|MAP7D3	ENSG00000130177|CDC16	ENSG00000131759|RARA	ENSG00000131931|THAP1	ENSG00000132321|IQCA	ENSG00000132970|WASF3	ENSG00000133069|TMCC2				
	ENSG00000135951|TSGA10	ENSG00000136146|MED4	ENSG00000138792|ENPEP	ENSG00000139531|SUOX	ENSG00000139719|VPS33A	ENSG00000144320|KIAA1715	ENSG00000144451|SPAG16	ENSG00000145860|RNF145				
	ENSG00000146047|HIST1H2BA	ENSG00000157214|STEAP2	ENSG00000162618|ELTD1	ENSG00000164508|HIST1H2AA	ENSG00000165124|SVEP1	ENSG00000168806|LCMT2	ENSG00000170522|ELOVL6	ENSG00000172766|NARG1L				
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	ENSG00000182909|LENG9	ENSG00000183172|C22orf32	ENSG00000185022|MAFF	ENSG00000196652|ZKSCAN5	ENSG00000197563|PIGN	ENSG00000198794|SCAMP5	ENSG00000205450|NP_001035158.1	ENSG00000205930|C21orf49				
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	ENSG00000081189|MEF2C	ENSG00000096401|CDC5L	ENSG00000100632|ERH	ENSG00000100941|PNN	ENSG00000103591|P34_HUMAN	ENSG00000104177|MYEF2	ENSG00000105323|HNRPUL1	ENSG00000106771|C9orf5				
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	ENSG00000170653|ATF7	ENSG00000171365|CLCN5	ENSG00000171612|SLC25A33	ENSG00000172922|RNASEH2C	ENSG00000174442|ZWILCH	ENSG00000174444|RPL4	ENSG00000176958|Q8N1N7_HUMAN	ENSG00000176988|FMR1NB				
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	ENSG00000198746|GPATCH3	ENSG00000198765|SYCP1	ENSG00000205099|A4D0Y5_HUMAN	ENSG00000207698|hsa-mir-32								
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	ENSG00000106799|TGFBR1	ENSG00000108557|RAI1	ENSG00000109458|GAB1	ENSG00000113070|HBEGF	ENSG00000118564|FBXL5	ENSG00000123358|NR4A1	ENSG00000124208|UBE2V1	ENSG00000125249|RAP2A				
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	ENSG00000182797|Q8N8G7_HUMAN	ENSG00000183337|BCOR	ENSG00000185267|ARMETL1	ENSG00000185352|HS6ST3	ENSG00000186350|RXRA	ENSG00000188064|WNT7B	ENSG00000206052|DOK6	ENSG00000024862|CCDC28A				
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	ENSG00000110881|ACCN2	ENSG00000111713|ARID1A	ENSG00000123352|SPATS2	ENSG00000125249|RAP2A	ENSG00000126461|NP_067051.1	ENSG00000132975|GPR12	ENSG00000134590|FAM127A	ENSG00000134955|SLC37A2				
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	ENSG00000204261|PSMB9	ENSG00000205452|Q6ZQQ9_HUMAN	ENSG00000002726|ABP1	ENSG00000034693|PEX3	ENSG00000066279|ASPM	ENSG00000078401|EDN1	ENSG00000083123|BCKDHB	ENSG00000084764|MAPRE3				
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	ENSG00000206261|LOC731675													
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	ENSG00000177596|Q8NA50_HUMAN	ENSG00000187156|Q86TT0_HUMAN	ENSG00000196620|NP_001067.2	ENSG00000197506|SLC28A3	ENSG00000197592|UGT2B15	ENSG00000197888|UGT2B17	ENSG00000198283|OR5B21	ENSG00000204299|OR10G9						
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	ENSG00000206091|Q6ZT19_HUMAN													
	ENSG00000206527|PTPLB													
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	ENSG00000133739|LRRCC1	ENSG00000137288|C6orf125	ENSG00000140451|PIF1	ENSG00000142676|RPL11	ENSG00000143653|SCCPDH	ENSG00000146007|ZMAT2	ENSG00000147649|MTDH	ENSG00000150556|NP_808879.2				
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	ENSG00000102312|PORCN	ENSG00000104687|GSR	ENSG00000108298|RPL19	ENSG00000108684|ACCN1	ENSG00000112964|GHR	ENSG00000113716|SMF_HUMAN	ENSG00000114062|UBE3A	ENSG00000114115|RBP1						
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	ENSG00000139219|COL2A1	ENSG00000141644|MBD1	ENSG00000144115|NP_060741.2	ENSG00000144228|SPOPL_HUMAN	ENSG00000146425|DYNLT1	ENSG00000150712|MTMR12	ENSG00000156304|SFRS15	ENSG00000159307|SCUBE1						
	ENSG00000160211|G6PD	ENSG00000162402|USP24	ENSG00000164463|NP_705835.1	ENSG00000165029|ABCA1	ENSG00000165527|ARF6	ENSG00000167378|IRGQ	ENSG00000167619|TMEM145	ENSG00000167880|EVPL						
	ENSG00000171703|TCEA2	ENSG00000173976|RAXL1	ENSG00000178719|GRINA	ENSG00000179604|CDC42EP4	ENSG00000180957|PITPNB	ENSG00000183287|CCBE1	ENSG00000184157|C1orf210	ENSG00000188818|ZDHHC11						
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	ENSG00000127152|BCL11B	ENSG00000128714|HOXD13	ENSG00000130287|NCAN	ENSG00000130589|PR285_HUMAN	ENSG00000131773|KHDRBS3	ENSG00000132471|WBP2	ENSG00000133065|SLC41A1	ENSG00000133789|SWP70_HUMAN						
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	ENSG00000067596|DHX8	ENSG00000076043|REXO2	ENSG00000100055|PSCD4	ENSG00000100884|CPNE6	ENSG00000106344|RBM28	ENSG00000117533|VAMP4	ENSG00000118804|GET1_HUMAN	ENSG00000120051|C10orf80			
	ENSG00000143374|TARS2	ENSG00000143437|ARNT	ENSG00000144139|BIN3	ENSG00000154080|CHST9	ENSG00000157800|SLC37A3	ENSG00000163798|SLC4A1AP	ENSG00000168566|C6orf151	ENSG00000168594|ADAM29			
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	ENSG00000163468|CCT3	ENSG00000164326|CARTPT	ENSG00000166446|CDYL2	ENSG00000167103|PIP5KL1	ENSG00000167470|MIDN	ENSG00000168291|PDHB	ENSG00000171142|ATP6V1E2	ENSG00000171222|SCAND1			

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ENSG00000122512|PMS2 ENSG00000123685|NP_061134.1 ENSG00000124227|C20orf86 ENSG00000128294|TPST2 ENSG00000128581|RABL5 ENSG00000130741|EIF2S3 ENSG00000132005|RFX1 ENSG00000132821|C20orf102
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ENSG00000153574|RPIA ENSG00000154027|AK5 ENSG00000158458|NRG2 ENSG00000159899|NPR2 ENSG00000161647|MPP3 ENSG00000162104|ADCY9 ENSG00000163617|KIAA1407 ENSG00000163884|KLF15
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	ENSG00000197845|Q9H357_HUMAN											
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	ENSG00000161960|EIF4A1	ENSG00000166128|RAB8B	ENSG00000166197|NOLC1	ENSG00000169876|MUC17	ENSG00000170779|CDCA4	ENSG00000171298|GAA	ENSG00000176390|CRLF3	ENSG00000176472|ZNF575				
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	ENSG00000112493|TAPBP	ENSG00000115850|LCT	ENSG00000117448|AKR1A1	ENSG00000120055|C10orf95	ENSG00000129675|ARHGEF6	ENSG00000133706|LARS	ENSG00000134539|KLRD1	ENSG00000139287|TPH2				
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	ENSG00000099814|KIAA0284	ENSG00000100104|SRR1L_HUMAN	ENSG00000100302|RASD2	ENSG00000101096|NFATC2	ENSG00000101407|KIAA0406	ENSG00000101413|C20orf77	ENSG00000103202|DECR2	ENSG00000105404|RABAC1				
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	ENSG00000012223|LTF	ENSG00000027869|SH2D2A	ENSG00000031081|NP_065805.1	ENSG00000042286|AIFM2	ENSG00000074621|SLC24A1	ENSG00000076053|RBM7	ENSG00000079950|STX7	ENSG00000084070|SMAP1L				
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	ENSG00000119283|TRIM67	ENSG00000124795|DEK	ENSG00000134001|EIF2S1	ENSG00000135404|CD63	ENSG00000135476|ESPL1	ENSG00000135775|COG2	ENSG00000138658|C4orf21	ENSG00000139613|SMARCC2				
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	ENSG00000159692|CTBP1	ENSG00000160714|UBE2Q1	ENSG00000163125|KIAA0460	ENSG00000165868|HSPA12A	ENSG00000166025|AMOTL1	ENSG00000166562|SEC11C	ENSG00000168763|CNNM3	ENSG00000168802|NM_001039690.2				
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	ENSG00000172845|SP3	ENSG00000175781|Q9H5L9_HUMAN	ENSG00000176895|OR51A7	ENSG00000178860|MSC	ENSG00000180479|ZNF571	ENSG00000181929|PRKAG1	ENSG00000184898|RBM43	ENSG00000186298|PPP1CC				
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	ENSG00000127948|POR	ENSG00000130193|C8orf55	ENSG00000135312|HTR1B	ENSG00000136261|BZW2	ENSG00000137821|LRRC49	ENSG00000145736|GTF2H2	ENSG00000147251|DOCK11	ENSG00000150551|LYPD1				
	ENSG00000150753|CCT5	ENSG00000151952|TMEM132D	ENSG00000157869|RAB28	ENSG00000157881|PANK4	ENSG00000163946|C3orf63	ENSG00000164713|BRI3	ENSG00000164751|PXMP3	ENSG00000165646|SLC18A2				
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	ENSG00000105357|MYH14	ENSG00000108424|KPNB1	ENSG00000114126|TFDP2	ENSG00000115902|SLC1A4	ENSG00000117461|PIK3R3	ENSG00000121542|SEC22A	ENSG00000123159|GIPC1	ENSG00000139734|DIAPH3		
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	ENSG00000178381|ZFAND2A	ENSG00000180998|GPR137C	ENSG00000181035|SLC25A42	ENSG00000183077|AFMID	ENSG00000185262|FAM100B	ENSG00000185624|P4HB	ENSG00000185963|BICD2	ENSG00000188672|RHCE		
	ENSG00000198033|TUBA3C	ENSG00000204178|TMEM57	ENSG00000109133|TMEM33	ENSG00000113328|CCNG1	ENSG00000143977|SNRPG	ENSG00000155130|MARCKS	ENSG00000173253|DMRT2	ENSG00000176401|EID2B		
	ENSG00000178096|BOLA1	ENSG00000184260|HIST2H2AC	ENSG00000204308|RNF5	ENSG00000204479|PRAMEF17	ENSG00000204488|PRAMEF16	ENSG00000204648|SSX9	ENSG00000205683|DPF3	ENSG00000211450|C11orf31		
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	ENSG00000134709|HOOK1	ENSG00000140682|TGFB1I1	ENSG00000145632|PLK2	ENSG00000146263|C6orf167	ENSG00000152137|HSPB8	ENSG00000153574|RPIA	ENSG00000153944|MSI2	ENSG00000163792|TCF23		
	ENSG00000165066|NKX6-3	ENSG00000166016|ABTB2	ENSG00000167957|NP_001013680.1	ENSG00000169621|C2orf13	ENSG00000170370|EMX2	ENSG00000172071|EIF2AK3	ENSG00000173027|WBP1	ENSG00000175197|DDIT3		
	ENSG00000177459|C8orf47	ENSG00000177584|Q8N1K1_HUMAN	ENSG00000177907|LOC730602	ENSG00000180613|GSH2_HUMAN	ENSG00000184481|MLLT7	ENSG00000184824|C1QTNF5	ENSG00000185883|ATP6V0C	ENSG00000186007|LEMD1		
	ENSG00000186468|RPS23	ENSG00000188610|FAM72B	ENSG00000189114|BLOC1S3	ENSG00000189227|LOC145853	ENSG00000198487|Q5T0Z8_HUMAN	ENSG00000198963|RORB	ENSG00000199059|hsa-mir-135b	ENSG00000203712|Q6ZVH8_HUMAN		
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	ENSG00000112149|CD83	ENSG00000118514|ALDH8A1	ENSG00000120860|CCDC53	ENSG00000124635|HIST1H2BJ	ENSG00000127511|SIN3B	ENSG00000130669|PAK4	ENSG00000146955|NP_001008749.1	ENSG00000151812|SLC35F4		
	ENSG00000155761|SPAG17	ENSG00000157349|DDX19B	ENSG00000164684|ZNF704	ENSG00000168939|SPRY3	ENSG00000169313|P2RY12	ENSG00000170325|PRDM10	ENSG00000172296|SPTLC3	ENSG00000173568|A4D2H4_HUMAN		
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	ENSG00000182326|C1S	ENSG00000185130|HIST1H2BL	ENSG00000186051|TAL2	ENSG00000196190|Q9NSI7_HUMAN	ENSG00000196335|STK31	ENSG00000196747|HIST1H3H	ENSG00000196787|HIST1H2AG	ENSG00000198445|NP_055221.1		
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	ENSG00000165959|CLMN	ENSG00000166619|BLCAP	ENSG00000167971|CASKIN1	ENSG00000170315|UBIQ_HUMAN	ENSG00000170836|PPM1D	ENSG00000175611|C9orf130	ENSG00000177202|SPACA4	ENSG00000178636|Q8N7N2_HUMAN		
	ENSG00000185869|NP_001032309.2	ENSG00000189050|NP_057209.3	ENSG00000189304|Q7Z4P9_HUMAN	ENSG00000198453|ZNF568	ENSG00000204282|Q6YL35_HUMAN	ENSG00000205899|Q7RTU4_HUMAN	ENSG00000054793|ATP9A	ENSG00000081985|IL12RB2		
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	ENSG00000198746|GPATCH3									
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	ENSG00000118894|FAM86A	ENSG00000119640|ACYP1	ENSG00000119669|C14orf4	ENSG00000123119|EFCBP1	ENSG00000124237|C20orf85	ENSG00000126216|TUBGCP3	ENSG00000127481|ZUBR1	ENSG00000128595|CALU		
	ENSG00000129159|KCNC1	ENSG00000131944|C19orf40	ENSG00000132142|ACACA	ENSG00000133511|PIK4CA	ENSG00000134294|SLC38A2	ENSG00000135476|ESPL1	ENSG00000136327|NKX2-8	ENSG00000136933|RABEPK		
	ENSG00000138413|IDH1	ENSG00000139289|PHLDA1	ENSG00000139990|WDR22	ENSG00000141026|MED9	ENSG00000143178|TBX19	ENSG00000143851|PTPN7	ENSG00000147955|OPRS1	ENSG00000149577|SIDT2		
	ENSG00000150281|CTF1	ENSG00000151287|C13orf27	ENSG00000154035|NP_690878.2	ENSG00000156687|UNC5D	ENSG00000159387|IRX6	ENSG00000160219|GAB3	ENSG00000164708|PGAM2	ENSG00000165695|C9orf98		
	ENSG00000169026|MFSD7	ENSG00000169717|ACTRT2	ENSG00000170456|NP_659410.3	ENSG00000173473|SMARCC1	ENSG00000174718|C12orf35	ENSG00000175894|C21orf29	ENSG00000176909|NP_872380.1	ENSG00000177112|Q8N6V7_HUMAN		
	ENSG00000177272|KCNA3	ENSG00000177957|Q8N8C3_HUMAN	ENSG00000182103|NP_787081.2	ENSG00000182533|CAV3	ENSG00000186326|RGS9BP	ENSG00000187994|NP_940847.1	ENSG00000188828|GLRA4	ENSG00000076554|TPD52		
	ENSG00000111481|COPZ1	ENSG00000123171|CCDC70	ENSG00000139146|FAM60A	ENSG00000157211|CDCP2	ENSG00000161281|COX7A1	ENSG00000162817|C1orf115	ENSG00000172680|MOS	ENSG00000175302|Q9NSI9_HUMAN		
	ENSG00000186103|ARGFX	ENSG00000187144|SPATA21	ENSG00000188783|PRELP	ENSG00000198379|Q8IVI1_HUMAN	ENSG00000199122|hsa-mir-148b	ENSG00000211458|OR2A42	ENSG00000212121|EFR1_HUMAN			
	GATTGTTA Xie:ATTGTT	SOX-5								
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	ENSG00000167202|TBC1D2B	ENSG00000169914|OTUD3	ENSG00000175513|TSGA10IP	ENSG00000184110|EIF3S8	ENSG00000186472|Q9Y6V0-3	ENSG00000187624|NP_001013694.3	ENSG00000188425|NANOS2	ENSG00000196290|NIF3L1		
	ENSG00000205609|Q9BW98_HUMAN	ENSG00000206541|Q6ZRV3_HUMAN	ENSG00000005102|MEOX1	ENSG00000066739|C14orf103	ENSG00000129480|C14orf126	ENSG00000136267|DGKB	ENSG00000145321|GC	ENSG00000146859|TMEM140		
	ENSG00000151012|SLC7A11	ENSG00000151304|SRFBP1	ENSG00000152193|C13orf7	ENSG00000153002|CPB1	ENSG00000163507|KIAA1524	ENSG00000164344|KLKB1	ENSG00000171940|ZNF217	ENSG00000172774|OR1S1		
	ENSG00000176724|XR_017017.1	ENSG00000181656|GPR88	ENSG00000183644|NP_997313.1	ENSG00000183715|OPCML	ENSG00000188486|H2AFX	ENSG00000196539|OR2T3	ENSG00000203936|Q5T3C8_HUMAN			
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	ENSG00000102225|PCTK1	ENSG00000105063|SAPS1	ENSG00000105852|PON3	ENSG00000106268|NUDT1	ENSG00000107968|MAP3K8	ENSG00000109705|BAPX1	ENSG00000111252|SH2B3	ENSG00000111783|RFX4		
	ENSG00000114251|WNT5A	ENSG00000115350|POLE4	ENSG00000120937|NPPB	ENSG00000123999|INHA	ENSG00000128268|MGAT3	ENSG00000128342|LIF	ENSG00000133872|TMEM66	ENSG00000134138|MEIS2		
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	ENSG00000166037|CEP57	ENSG00000167889|MGAT5B	ENSG00000168246|UBTD2	ENSG00000168439|STIP1	ENSG00000170113|NIPA1	ENSG00000171159|C9orf16	ENSG00000173209|AHSA2	ENSG00000176710|C19orf31		
	ENSG00000176871|WSB2	ENSG00000177324|CXorf20	ENSG00000179388|EGR3	ENSG00000182404|LYRM4	ENSG00000184182|UBE2F	ENSG00000184428|TOP1MT	ENSG00000184474|Q96FP4_HUMAN	ENSG00000184502|GAST		
	ENSG00000185141|LOC730735	ENSG00000186766|NP_997309.1	ENSG00000188613|NANOS1	ENSG00000196235|SUPT5H	ENSG00000196758|NM_207483	ENSG00000197789|Q8NA00_HUMAN	ENSG00000197965|MPZL1	ENSG00000198830|HMGN2		
	ENSG00000204332|Q6ZUZ5_HUMAN	ENSG00000205701|Q6ZSL0_HUMAN	ENSG00000009844|VTA1	ENSG00000010361|FUZ	ENSG00000076003|MCM6	ENSG00000100220|C22orf28	ENSG00000106086|PLEKHA8	ENSG00000107566|CHUK		
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	ENSG00000125845|BMP2	ENSG00000127954|Q8WWB0_HUMAN	ENSG00000134873|CLDN10	ENSG00000135387|CAPRIN1	ENSG00000136156|ITM2B	ENSG00000138074|SLC5A6	ENSG00000141627|DYM	ENSG00000143494|VASH2		
	ENSG00000144674|GOLGA4	ENSG00000145526|CDH18	ENSG00000145919|FAM44B	ENSG00000150347|ARID5B	ENSG00000150361|KLHL1	ENSG00000152042|NBPF8	ENSG00000157330|C1orf158	ENSG00000157828|RPS4Y2		
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	ENSG00000135636|DYSF	ENSG00000135945|REV1	ENSG00000136270|TBRG4	ENSG00000144736|SHQ1	ENSG00000145819|ARHGAP26	ENSG00000149435|GGTLA4	ENSG00000160445|ZER1	ENSG00000164970|C9orf25		
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	ENSG00000140365|COMMD4	ENSG00000144647|C3orf39	ENSG00000150676|CCDC83	ENSG00000153044|CENPH	ENSG00000153060|TEKT5	ENSG00000157538|DSCR3	ENSG00000163395|NP_840059.1	ENSG00000164418|GRIK2		
	ENSG00000165533|TTC8	ENSG00000165923|AGBL2	ENSG00000166439|RNF169	ENSG00000177300|CLDN22	ENSG00000177735|NP_775916.1	ENSG00000178028|DMAP1	ENSG00000178741|COX5A			
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	ENSG00000106682|EIF4H	ENSG00000107815|PEO1	ENSG00000108352|RAPGEFL1	ENSG00000108389|MTMR4	ENSG00000108523|RNF167	ENSG00000110092|CCND1	ENSG00000112319|EYA4	ENSG00000112902|SEMA5A		
	ENSG00000115353|TACR1	ENSG00000117395|EBNA1BP2	ENSG00000118564|FBXL5	ENSG00000119698|KIAA1622	ENSG00000121101|TEX14	ENSG00000122756|CNTFR	ENSG00000125149|C16orf70	ENSG00000126368|NR1D1		
	ENSG00000131849|ZNF132	ENSG00000134287|ARF3	ENSG00000134330|Q6PCA9_HUMAN	ENSG00000138160|KIF11	ENSG00000139044|B4GALNT3	ENSG00000141294|LRRC46	ENSG00000141542|RAB40B	ENSG00000141622|C18orf23		
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	ENSG00000205107|NP_001001679.1	ENSG00000205835|LOC647309								
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	ENSG00000172366|C16orf14	ENSG00000173442|EHBP1L1	ENSG00000197561|ELA2	ENSG00000008018|PSMB1	ENSG00000072694|FCGR2B	ENSG00000077327|SPAG6	ENSG00000083312|TNPO1	ENSG00000086061|DNAJA1		
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	ENSG00000183741|CBX6	ENSG00000186654|ARHGAP8	ENSG00000186715|Q13209_HUMAN	ENSG00000197421|NR_003267.1	ENSG00000198912|C1orf174	ENSG00000204017|Q6ZVB9_HUMAN	ENSG00000204603|Q69YW3_HUMAN	ENSG00000204788|Q6ZT67_HUMAN							
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	ENSG00000128845|CCPG1	ENSG00000129535|NRL	ENSG00000151033|LYZL2	ENSG00000182218|KIAA1822	ENSG00000182983|ZNF662	ENSG00000184979|USP18	ENSG00000189263|Q6ZSZ2_HUMAN								
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	ENSG00000128791|TWSG1	ENSG00000133511|PIK4CA	ENSG00000134333|LDHA	ENSG00000136205|TNS3	ENSG00000138029|HADHB	ENSG00000139197|PEX5	ENSG00000141012|GALNS	ENSG00000141026|MED9							
	ENSG00000141934|PPAP2C	ENSG00000143028|SYPL2	ENSG00000149474|CSRP2BP	ENSG00000154016|GRAP	ENSG00000158008|EXTL1	ENSG00000161572|LYZL6	ENSG00000162002|Q96S13_HUMAN	ENSG00000162377|C1orf163							
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	ENSG00000163699|Q9H7Y4_HUMAN	ENSG00000164182|NDUFA12L	ENSG00000166603|MC4R	ENSG00000168661|ZNF30	ENSG00000174963|ZIC4	ENSG00000182271|TMIGD1	ENSG00000185897|FFAR3	ENSG00000189149|FLJ41766						
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	ENSG00000176102|CSTF3	ENSG00000178694|NSUN3	ENSG00000187210|GCNT1	ENSG00000196501|HIST1H2BN	ENSG00000196793|ZNF239	ENSG00000197763|TXNRD3	ENSG00000197892|KIF13B	ENSG00000204951|Q6ZVQ0_HUMAN						
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	ENSG00000106733|C9orf95	ENSG00000106789|CORO2A	ENSG00000107242|PIP5K1B	ENSG00000107779|BMPR1A	ENSG00000109685|WHSC1	ENSG00000111728|ST8SIA1	ENSG00000113356|POLR3G	ENSG00000116017|ARID3A						
	ENSG00000116062|MSH6	ENSG00000127540|UQCR	ENSG00000127616|SMARCA4	ENSG00000130517|PGPEP1	ENSG00000130856|ZNF236	ENSG00000131876|SNRPA1	ENSG00000132341|RAN	ENSG00000132405|TBC1D14						
	ENSG00000133624|ZNF767	ENSG00000134317|GRHL1	ENSG00000134371|CDC73	ENSG00000135049|AGTPBP1	ENSG00000135298|BAI3	ENSG00000135679|MDM2	ENSG00000140090|SLC24A4	ENSG00000143641|GALNT2						
	ENSG00000143761|ARF1	ENSG00000144468|RHBDD1	ENSG00000146950|SHROOM2	ENSG00000148832|PAOX	ENSG00000150764|DIXDC1	ENSG00000156599|ZDHHC5	ENSG00000157617|C21orf25							
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	ENSG00000116095|PLEKHA3	ENSG00000116667|C1orf21	ENSG00000117602|DSCR1L2	ENSG00000118689|FOXO3A	ENSG00000120868|APAF1	ENSG00000124171|PARD6B	ENSG00000126226|PCID2	ENSG00000127554|GFER						
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	ENSG00000173598|NUDT4	ENSG00000173914|RBM4B	ENSG00000175182|FAM131A	ENSG00000175274|TP53I11	ENSG00000181830|SLC35C1	ENSG00000183250|C21orf67	ENSG00000186166|CCDC84	ENSG00000196368|NUDT11						
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	ENSG00000197800|ZNF585B	ENSG00000199130|hsa-mir-365-1	ENSG00000205555|Q6ZT32_HUMAN	ENSG00000205982|Q6ZTC8_HUMAN								
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	ENSG00000171747|LGALS4	ENSG00000175193|PARL	ENSG00000188921|PTPLAD2	ENSG00000197451|HNRPAB	ENSG00000198586|TLK1	ENSG00000204157|NP_001013664.1	ENSG00000204442|NP_001073865.1	ENSG00000205235|Q9BVU7_HUMAN				
	ENSG00000003509|NP_653337.1	ENSG00000042429|CRSP6	ENSG00000068097|NP_071353.4	ENSG00000081138|CDH7	ENSG00000100219|XBP1	ENSG00000100519|PSMC6	ENSG00000101850|GPR143	ENSG00000108733|PEX12				
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	ENSG00000108960|MMD	ENSG00000114030|KPNA1	ENSG00000114450|GNB4	ENSG00000115159|GPD2	ENSG00000124767|GLO1	ENSG00000137818|RPLP1	ENSG00000141028|CDRT15	ENSG00000143183|TMCO1				
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	ENSG00000177301|KCNA2	ENSG00000179262|RAD23A	ENSG00000180385|Q8NAP4_HUMAN	ENSG00000185085|INTS5	ENSG00000186767|NP_001012986.2	ENSG00000188636|LDOC1L	ENSG00000197961|ZNF121	ENSG00000199043|hsa-mir-335				
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	ENSG00000168273|Q8WVI0_HUMAN	ENSG00000168395|ING5	ENSG00000168937|NOS2C	ENSG00000171132|PRKCE	ENSG00000172260|NEGR1	ENSG00000173548|SH3PX3	ENSG00000174307|PHLDA3	ENSG00000174899|Q8N6Q6_HUMAN				
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	ENSG00000067596|DHX8	ENSG00000073417|PDE8A	ENSG00000079215|SLC1A3	ENSG00000081818|PCDHB4	ENSG00000104497|SNX16	ENSG00000109832|DDX25	ENSG00000110107|PRPF19					
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	ENSG00000155428|TRIM74	ENSG00000159131|GART	ENSG00000162851|TFB2M	ENSG00000162852|C1orf71	ENSG00000165898|ISCA2	ENSG00000169062|UPF3A	ENSG00000169084|ZBED1	ENSG00000169813|HNRPF				
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GGATTTCC Xie:SGGRnTTTCC C-REL
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	ENSG00000142235|LMTK3	ENSG00000143889|HNRPLL	ENSG00000145864|GABRB2	ENSG00000148248|SURF4	ENSG00000152268|SPON1	ENSG00000153790|C7orf31	ENSG00000161217|PCYT1A	ENSG00000162073|PAQR4					
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	ENSG00000173465|SSSCA1	ENSG00000173727|LOC649618	ENSG00000175182|FAM131A	ENSG00000177875|NP_001013657.2	ENSG00000178149|DALRD3	ENSG00000180667|YOD1	ENSG00000180879|SSR4	ENSG00000182747|SLC35D3					
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	ENSG00000206193|Q5HYA3_HUMAN												
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	ENSG00000100320|RBM9	ENSG00000103241|FOXF1	ENSG00000104356|POP1	ENSG00000104915|STX10	ENSG00000105662|CRTC1	ENSG00000109790|KLHL5	ENSG00000109991|P2RX3	ENSG00000113722|CDX1					
	ENSG00000114812|VIPR1	ENSG00000115194|SLC30A3	ENSG00000119013|NDUFB3	ENSG00000122733|KIAA1045	ENSG00000128594|LRRC4	ENSG00000129152|MYOD1	ENSG00000131188|PRR7	ENSG00000131508|UBE2D2					
	ENSG00000132541|HRSP12	ENSG00000134245|WNT2B	ENSG00000136715|SAP130	ENSG00000137878|GRINL1A	ENSG00000139324|TMTC3	ENSG00000139722|VPS37B	ENSG00000140526|ABHD2	ENSG00000148337|CIZ1					
	ENSG00000151883|PARP8	ENSG00000160404|TOR2A	ENSG00000161509|GRIN2C	ENSG00000163527|STT3B	ENSG00000164032|H2AFZ	ENSG00000165629|ATP5C1	ENSG00000166426|CRABP1	ENSG00000167964|RAB26					
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	ENSG00000064601|CTSA	ENSG00000149609|C20orf144	ENSG00000151422|FER	ENSG00000153037|SRP19	ENSG00000167113|COQ4	ENSG00000171033|PKIA	ENSG00000176896|TFSM1_HUMAN	ENSG00000177551|NHLH2					
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         TGAGTCAC Xie:SRTGAGTCAnC BACH2
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         ENSG00000130726|TRIM28   ENSG00000132522|GPS2     ENSG00000135655|USP15    ENSG00000138018|SELI_HUMAN       ENSG00000138658|C4orf21  ENSG00000138674|SEC31A   ENSG00000140943|MBTPS1   ENSG00000147027|TMEM47
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	ENSG00000112096|SOD2	ENSG00000113558|SKP1A	ENSG00000117154|IGSF21	ENSG00000119231|SENP5	ENSG00000120875|DUSP4	ENSG00000123901|GPR83	ENSG00000125388|GRK4	ENSG00000126464|PRR12					
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	ENSG00000149016|TUT1	ENSG00000153933|DGKE	ENSG00000153944|MSI2	ENSG00000156486|KCNS2	ENSG00000163093|BBS5	ENSG00000163171|CDC42EP3	ENSG00000165632|TAF3	ENSG00000166441|RPL27A					
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	ENSG00000175691|ZNF77	ENSG00000176697|BDNF	ENSG00000179740|C19orf29OS	ENSG00000180035|ZNF553	ENSG00000184545|DUSP8	ENSG00000185215|TNFAIP2	ENSG00000185386|MAPK11	ENSG00000186468|RPS23					
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	ENSG00000147459|PPP2R2A	ENSG00000152749|GPR180	ENSG00000155363|MOV10	ENSG00000158669|AGPAT6	ENSG00000162757|C1orf74	ENSG00000163380|LMOD3	ENSG00000164219|PGGT1B	ENSG00000165410|CFL2					
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	ENSG00000169607|CKAP2L	ENSG00000170577|SIX2	ENSG00000172927|MYEOV	ENSG00000173210|ABLIM3	ENSG00000175707|C1orf172	ENSG00000175913|Q9BRP9_HUMAN	ENSG00000176020|AMIGO3	ENSG00000180758|GPR157					
	ENSG00000181396|NP_078924.1	ENSG00000182973|CNOT10	ENSG00000182985|CADM1	ENSG00000183780|SLC35F3	ENSG00000184697|CLDN6	ENSG00000189164|ZNF527	ENSG00000188538|DOCK3	ENSG00000117523|BAT2D1					
	ENSG00000141564|RPTOR_HUMAN	ENSG00000149972|CNTN5	ENSG00000164674|SYTL3	ENSG00000176222|ZNF404	ENSG00000181718|OR5T2	ENSG00000182050|MGAT4C	ENSG00000182583|VCX	ENSG00000203699|Q6ZPB5_HUMAN					
	ENSG00000204571|KRTAP5-11	ENSG00000205642|VCX3B											
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	ENSG00000111325|OGFOD2	ENSG00000111707|SUDS3	ENSG00000112406|HECA	ENSG00000112659|PARC_HUMAN	ENSG00000113575|PPP2CA	ENSG00000114019|AMOTL2	ENSG00000114378|HYAL1	ENSG00000115738|ID2					
	ENSG00000116584|ARHGEF2	ENSG00000120158|RCL1	ENSG00000120837|NFYB	ENSG00000122304|Q6ZMM0_HUMAN	ENSG00000128923|FAM63B	ENSG00000132376|SKIP_HUMAN	ENSG00000133789|SWP70_HUMAN	ENSG00000136935|GOLGA1					
	ENSG00000136942|RPL35	ENSG00000139514|SLC7A1	ENSG00000140527|NP_064597.1	ENSG00000140941|MAP1LC3B	ENSG00000141446|ESCO1	ENSG00000142513|ACPT	ENSG00000143355|LHX9	ENSG00000148672|GLUDP5					
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	ENSG00000175093|SPSB4	ENSG00000176909|NP_872380.1	ENSG00000181977|PYY2	ENSG00000183614|Q9BYA6_HUMAN	ENSG00000184824|C1QTNF5	ENSG00000185136|Q8NF02_HUMAN	ENSG00000185437|SH3BGR	ENSG00000185684|EP400NL					
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	ENSG00000006007|GDE1_HUMAN	ENSG00000013503|POLR3B	ENSG00000081189|MEF2C	ENSG00000100246|DNAL4	ENSG00000100578|KIAA0586	ENSG00000100647|KIAA0247	ENSG00000101247|C20orf7	ENSG00000101574|METTL4					
	ENSG00000102172|SMS	ENSG00000110841|PPFIBP1	ENSG00000115204|MPV17	ENSG00000115361|ACADL	ENSG00000116337|AMPD2	ENSG00000117477|C1orf114	ENSG00000119913|TECTB	ENSG00000121350|NP_079130.2					
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	ENSG00000183354|KIAA2026	ENSG00000184178|SCFD2	ENSG00000184525|LOC644397	ENSG00000186513|OR9Q2	ENSG00000196644|LOC728932	ENSG00000196693|ZNF33B	ENSG00000203707|Q7Z5Z9_HUMAN	ENSG00000203814|HIST2H2BF					
	ENSG00000203819|Q6GMR5_HUMAN	ENSG00000203851|Q6GMR5_HUMAN	ENSG00000207623|hsa-mir-205	ENSG00000207717|hsa-mir-551b									
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	ENSG00000161036|NP_690852.1	ENSG00000176305|Q6ZW63_HUMAN	ENSG00000197562|RAB40C	ENSG00000197705|KLHL14	ENSG00000198614|C4orf12	ENSG00000002745|WNT16	ENSG00000051596|THOC3	ENSG00000086232|EIF2AK1					
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	ENSG00000109193|SULT1E1	ENSG00000110002|LOH11CR2A	ENSG00000115091|ACTR3	ENSG00000115875|SFRS7	ENSG00000118197|DDX59	ENSG00000118217|ATF6	ENSG00000120341|LZTR2	ENSG00000122203|KIAA1191					
	ENSG00000129480|C14orf126	ENSG00000131018|C6orf98	ENSG00000137776|SLTM	ENSG00000138448|ITGAV	ENSG00000139793|MBNL2	ENSG00000141337|ARSG	ENSG00000142546|NOSIP	ENSG00000144455|SUMF1					
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	ENSG00000168411|RFWD3	ENSG00000168582|CRYGA	ENSG00000170089|THOC3	ENSG00000170323|FABP4	ENSG00000171928|FAM18B	ENSG00000173487|LOC729884	ENSG00000174276|ZNHIT2	ENSG00000176764|LOC391764					
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	ENSG00000206042|DEFA7P	ENSG00000207597|hsa-mir-490											
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	ENSG00000101076|HNF4A	ENSG00000104332|SFRP1	ENSG00000104870|FCGRT	ENSG00000106290|TAF6	ENSG00000107021|TBC1D13	ENSG00000117450|PRDX1	ENSG00000125844|RRBP1	ENSG00000130520|LSM4					
	ENSG00000134138|MEIS2	ENSG00000148341|SH3GLB2	ENSG00000149182|ZNF289	ENSG00000168427|KLHL30	ENSG00000169035|KLK7	ENSG00000172270|BSG	ENSG00000174007|C3orf34	ENSG00000175793|SFN					
	ENSG00000176532|PRR15	ENSG00000181220|ZNF746	ENSG00000183762|KREMEN1	ENSG00000184110|EIF3S8	ENSG00000186837|C21orf119	ENSG00000187554|TLR5	ENSG00000188807|NP_001010866.1	ENSG00000196663|KIAA0329					
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	ENSG00000205835|LOC647309												
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	ENSG00000123505|AMD1	ENSG00000124785|NRN1	ENSG00000132840|BHMT2	ENSG00000134901|KDELC1	ENSG00000142751|ATPBD1B	ENSG00000146670|CDCA5	ENSG00000154678|PDE1C	ENSG00000155093|PTPRN2					
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	ENSG00000124788|ATXN1	ENSG00000129003|VPS13C	ENSG00000133872|TMEM66	ENSG00000135655|USP15	ENSG00000141977|CIB3	ENSG00000142089|IFITM3	ENSG00000144791|LIMD1	ENSG00000144802|NFKBIZ					
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	TCACGTGA Xie:ATCACGTGAY	SREBP-1												
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	ENSG00000169116|PARM1_HUMAN	ENSG00000169905|TOR1AIP2	ENSG00000173401|GLIPR1L1	ENSG00000175753|NM_173675	ENSG00000181982|NP_775734.1	ENSG00000187474|FPRL2	ENSG00000188655|RNASE9	ENSG00000196851|Q6NXN2_HUMAN						
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	ENSG00000162231|NXF1	ENSG00000165934|CPSF2	ENSG00000166004|KIAA1731	ENSG00000167957|NP_001013680.1	ENSG00000168398|BDKRB2	ENSG00000169331|Q8WYS2_HUMAN	ENSG00000170633|RNF34	ENSG00000177628|GBA						
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	ENSG00000108840|HDAC5	ENSG00000116176|TPSG1	ENSG00000118900|UBN1	ENSG00000124920|C11orf9	ENSG00000128881|TTBK2	ENSG00000131459|GFPT2	ENSG00000135317|SNX14	ENSG00000138674|SEC31A				
	ENSG00000140632|NP_115958.2	ENSG00000140854|KATNB1	ENSG00000141002|TCF25	ENSG00000142233|NP_665806.1	ENSG00000145945|FAM50B	ENSG00000150093|ITGB1	ENSG00000160207|HSF2BP	ENSG00000160326|SLC2A6				
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	ENSG00000198526|PABPCP2	ENSG00000198596|Q8WUS3_HUMAN	ENSG00000199004|hsa-mir-21	ENSG00000205921|C21orf54								
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	ENSG00000146005|PSD2	ENSG00000160307|S100B	ENSG00000164989|C9orf93	ENSG00000167792|NDUFV1	ENSG00000168329|CX3CR1	ENSG00000168701|NM_014187.2	ENSG00000177106|EPS8L2	ENSG00000184058|TBX1				
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	ENSG00000105467|SYNGR4	ENSG00000107560|RAB11FIP2	ENSG00000113643|RARS	ENSG00000113732|ATP6V0E1	ENSG00000115295|CLIP4	ENSG00000118156|ZNF541	ENSG00000121769|FABP3						
	ENSG00000122339|C6orf35	ENSG00000124302|CHST8	ENSG00000124449|IRGC	ENSG00000125246|CLYBL	ENSG00000125944|HNRPR	ENSG00000130822|PNCK	ENSG00000131724|IL13RA1	ENSG00000134184|GSTM1					
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	ENSG00000170100|Q96MU6-2	ENSG00000176305|Q6ZW63_HUMAN	ENSG00000176635|HORMAD2	ENSG00000176732|PFN4	ENSG00000181274|FRAT2	ENSG00000182040|USH1G	ENSG00000183034|OTOP2	ENSG00000185088|RPS27L					
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	ENSG00000156976|EIF4A2	ENSG00000162624|LHX8	ENSG00000164292|RHOBTB3	ENSG00000164898|NP_932068.1	ENSG00000164961|KIAA0196	ENSG00000169896|ITGAM	ENSG00000170688|OR5E1P	ENSG00000173145|NOC3L					
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	ENSG00000205501|Q6ZU01_HUMAN												
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	ENSG00000183038|LOC728226	ENSG00000184640|SEPT9	ENSG00000187624|NP_001013694.3	ENSG00000197816|KIAA1529	ENSG00000211517|hsa-mir-671	ENSG00000065618|COL17A1	ENSG00000088179|PTPN4	ENSG00000089006|SNX5					
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	ENSG00000129810|SGOL1	ENSG00000135090|TAOK3	ENSG00000135486|HNRPA1	ENSG00000139209|SLC38A4	ENSG00000140043|ZADH1	ENSG00000143107|FNDC7	ENSG00000148019|CEP78	ENSG00000149742|SLC22A9					
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	ENSG00000166902|MRPL16	ENSG00000168003|SLC3A2	ENSG00000168958|C2orf33	ENSG00000172362|OR5B12	ENSG00000172466|ZNF24	ENSG00000180861|C12orf36	ENSG00000181803|OR6S1	ENSG00000181852|RNF41					
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139
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506

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187

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214

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        ENSG00000177201|OR2T12   ENSG00000177489|OR2G2    ENSG00000179674|ARL14    ENSG00000182600|NP_996778.1      ENSG00000185479|KRT6B    ENSG00000187721|Q5TBT3_HUMAN      ENSG00000188072|Q6ZSJ3_HUMAN     ENSG00000197885|NKIRAS1
        ENSG00000203731|Q6EHZ4_HUMAN     ENSG00000204419|Q6UXQ5_HUMAN     ENSG00000204486|PRAMEF21 ENSG00000204954|Q69YU5_HUMAN     ENSG00000205099|A4D0Y5_HUMAN     ENSG00000205330|OR6C1    ENSG00000205711|Q6ZV92_HUMAN
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        ENSG00000137166|FOXP4    ENSG00000141279|NPEPPS   ENSG00000143502|SUSD4    ENSG00000145623|OSMR     ENSG00000155850|SLC26A2  ENSG00000158615|PPP1R15B ENSG00000158816|Q5TIE3_HUMAN     ENSG00000162924|REL
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        AATTTCCCG        MATCH:V$HMGIY_Q6 HMGIY
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        AATTTCCCT        MATCH:V$HMGIY_Q6 HMGIY
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        CCGGAAATT        Xie:CCGGAART     ELK-1
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        GAGGAAATT        Xie:AGGAART      ELF-1
        GAGGAAATT        Xie:WGGAAAnW     NF-AT
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AGAATTTCC MATCH:V$HMGIY_Q6 HMGIY
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        AGGAAATTA         Xie:WGGAAAnW     NF-AT
        TAATTTCCT         Xie:AWTTTCC      IY
        AGGAAATTA         MATCH:V$HMGIY_Q6 HMGIY
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        AGGAAATTC         Xie:WGGAAAnW     NF-AT
        GAATTTCCT         Xie:AWTTTCC      IY
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        AGGAAATTG         Xie:WGGAAAnW     NF-AT
        CAATTTCCT         Xie:AWTTTCC      IY
        AGGAAATTG         MATCH:V$HMGIY_Q6 HMGIY
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155

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592

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AGTTTGCTC MATCH:V$DBP_Q6 DBP
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186

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187

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214

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ENSG00000199092|hsa-mir-410
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TTGACCTTG Xie:TGRCCTTG SF-1
CAAGGTCAA MATCH:V$SF1_Q6 SF-1
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CTGACCTTG Xie:TGRCCTTG SF-1
CAAGGTCAG MATCH:V$SF1_Q6 SF-1
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205

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325

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ENSG00000205129|Q5BLP7_HUMAN

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        ENSG00000126746|ZNF384   ENSG00000128463|TMEM85   ENSG00000136147|PHF11    ENSG00000140307|GTF2A2   ENSG00000141140|MYOHD1   ENSG00000143756|FBXO28   ENSG00000146223|RPL7L1   ENSG00000185862|EVI2B

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        CCGGAAGTG        Xie:vCCGGAAGnGCR GABP
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        ENSG00000100219|XBP1     ENSG00000109132|PHOX2B   ENSG00000149443|C20orf78 ENSG00000149516|MS4A3    ENSG00000171405|XAGE5    ENSG00000183242|WIT1     ENSG00000186496|ZNF396   ENSG00000189007|DEADC1
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205

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ENSG00000100714|MTHFD1 ENSG00000101084|C20orf24 ENSG00000103274|NUBP1 ENSG00000104093|DMXL2 ENSG00000104695|PPP2CB ENSG00000105171|POP4 ENSG00000105647|PIK3R2 ENSG00000108107|RPL28
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183
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223

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506

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592

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        ENSG00000205095|Q13060_HUMAN
        ENSG00000205096|DUX2      ENSG00000004897|CDC27     ENSG00000077514|POLD3     ENSG00000096872|IFT74     ENSG00000138152|BTBD16    ENSG00000155530|LRGUK     ENSG00000155868|CRSP9     ENSG00000157764|BRAF
        ENSG00000206527|PTPLB
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CGTGACCTC Xie:TGACCT ER
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155

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221

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335
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9-1

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370

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363
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155

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325

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214

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GAGGAAGTC Xie:MGGAWGT PEA3
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        TCCACGTGC       Xie:SCACGTG      MYC
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133b

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GCCATTTTA Xie:GCCATnTT YY1

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        ENSG00000134013|LOXL2     ENSG00000153060|TEKT5     ENSG00000155463|OXA1L     ENSG00000155749|ALS2CR12  ENSG00000163606|CD200R1  ENSG00000165490|NP_659455.2       ENSG00000171033|PKIA      ENSG00000176155|CCDC57
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        GGAAACGGA         MATCH:V$VMYB_02   v-Myb
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        ENSG00000105072|C19orf44  ENSG00000105202|FBL       ENSG00000105669|COPE      ENSG00000112559|MDFI      ENSG00000114770|ABCC5     ENSG00000115459|RBED1     ENSG00000119509|INVS      ENSG00000123600|METTL8
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        ENSG00000205318|Q5T4J0_HUMAN
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        GGAATTTCC       Xie:GGGRATTTCC  P65
        GGAATTTCC       Xie:SGGRnTTTCC  C-REL
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802

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152
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GGGGAGGGA MATCH:V$MAZ_Q6 MAZ
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214

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325

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214

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