

# Comprehensive analysis of long non-coding RNA-mRNA co-expression patterns in thyroid cancer

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**Supplementary Table 5:** Target gene prediction for the 240 unannotated lncRNAs

lncRNA_name	up stream.10kb	overlap	down stream.10kb	antisense
RP11-353N14.2				
LINC00284				
CTD-2020K17.1				FMNL1
FER1L4				
ESPNP				
AC004540.5				
LINC00887	CPN2 4569bp;			
RP11-1016B18.1				
LINC00457				
AC007255.8				CHN2 PRR15
RP11-469H8.6				AQP2
AC002331.1				
IL12A-AS1				IL12A LINC01100
SIGLEC17P				
ANKRD36BP2				
CYP1B1-AS1	RMDN2 8506bp;			
ABCC6P1				
RP11-362F19.1				
RP11-66B24.4				LRRK1
LINC00996			GIMAP8 285bp;	
HCG22				
RP4-663N10.2				
LINC00607				
AC010970.2				
ITGB2-AS1				
RP11-476D10.1				
RP11-115D19.1				SNCA
CTA-126B4.7				
RP11-230G5.2				MSRB3
PLEKHA8P1				ANO6
LINC00086				
RP11-923I11.5				
HOXD-AS1				HOXD1
AC068492.1				
RP3-525N10.2				BAI3
RP11-44N11.2				

RP11-417E7.2				
RP11-547D24.1			C1orf222 9363bp;	
RP11-85G21.3				
AC079630.2				
RP11-279F6.3				
RP11-1008C21.1				
LINC00511	SLC39A11 5400bp;			
RP11-893F2.9				TMEM92
RP11-125B21.2				VLDLR
RP5-1028K7.2				
RP11-136I14.5				
RP11-761N21.1				
MIR205HG				
YWHAEP7				
CASC15				
AL132709.1				
RP11-638F5.1				
RP1-158P9.1				
RP11-385J1.2				KCNMB2
RP5-1063M23.2				
LINC00426				
RP11-221N13.3				
ADAMTS9-AS1				ADAMTS9
RP4-758J18.10			ANKRD65 5629bp;	
GUSBP2				
TCEB1P20				
RP11-290F5.1	IRF2 5088bp;			
RPSAP52		HMGA2		HMGA2
EMR4P				
AC098592.8				
LRCOL1				
RP11-2E17.1				FAH
GAPDHP70				
LINC00900				
AC010980.2				
SSX8				SSX7
SFTA1P				
RP11-465B22.3				
AC008063.2				DPP4
RP11-402L6.1				TMEM108
AL450992.2				THEM5
LINC01021				
ENTPD1-AS1		CC2D2B CCNJ		CCNJ
RP11-64D22.2	AADACL2 9089bp;			

LRP4-AS1		LRP4		LRP4
RP11-115N4.1				
BPIFB9P				
RP11-473M20.5	TNFRSF12A 9780bp;		MMP25 7539bp;	CCDC64B
RP11-707A18.1				
RP11-5407.3	AL645608.1 151bp;			SAMD11
ILF3-AS1				
CTD-2269F5.1				EDIL3
RP11-624M8.1				HEY2
RP11-238K6.1				
RP11-53019.1				MRPS30
CYP17A1-AS1				CYP17A1
RP1-244F24.1				RUNX2
RP11-861A13.4				
MEG9				
HLA-DPB2				
TMCO5B				
AC003102.3	SLC25A39 4200bp;			RUNDC3A
RAP1AP				
RP11-465L10.10				MMP9 SLC12A5
RP11-81H14.2			MDM1 315bp;	
RP11-513G11.2				
AC063976.7	P4HA2 7522bp;			P4HA2
RP11-541H12.1				
AE000662.93	DAD1 7849bp;			AE000662.92
CTA-384D8.35	SYCE3 3145bp;			
AC104655.3				
RP4-728D4.2			KIAA0319L 9986bp;	TFAP2E
LINC01094				
AC093627.11			FAM20C 4528bp;	
LINC01088				NAA11
RP11-168G16.2				CERS3
PI4KAP1				
RP6-24A23.3				
RP11-118F19.1				GSE1
RP11-245M24.1				
LINC00973				
RP11-638I2.8	SLC25A47 3412bp;			WARS
MKRN9P				
RP11-214C8.2	ICAM2 1777bp;			C17orf72
CTC-255N20.1				STK32A
VN1R51P				
RP11-455F5.5	BOLA2B 7977bp;			CORO1A
RP3-340B19.3		FKBP5		FKBP5

U1		CROCC		
RP11-838N2.4	TGIF1 7448bp;			
LINC00359				
DPP10-AS1				DPP10
RP11-782C8.1				
AP001422.3				
RP11-689B22.2				SELPLG
RP5-1024C24.1				MPPED2
RP4-631H13.4		ECHDC2		
RP11-49C9.2				
RAB6C-AS1				RAB6C
CTD-3073N11.9	SIGLEC6 133bp;			SIGLEC6
FOXD2-AS1				FOXD2
VAC14-AS1				VAC14
RP3-332B22.1				
AF186192.5				
RP11-459C13.1				
AC009336.24			HOXD1 9571bp;	
RP5-1086K13.1	CD58 9033bp;			
RP11-185B14.1			RERE 6769bp;	
RP11-76I14.1				
MST1P2				
RP11-20J15.3	CXCL12 1369bp;			
RP11-222K16.2				
CTB-134H23.3				
RP11-85G21.2				
DNM1P47			OR4F6 3292bp;	
RP11-285E9.6				9-Sep
LINC00470				
RP11-97O12.2				
AC012360.6	C2orf49 3218bp;			FHL2
CXCR2P1				RUFY4
RP11-726G23.11				
MBL1P		SFTPD		
Z83851.1				
VN1R48P				
RP11-10K16.1				GALNT7
RP5-1057I20.2				HDAC7
HAS2-AS1				HAS2
LINC00882				
RP11-480C22.1				
RP11-290F20.3				
RP11-863P13.3				
LRRC37A7P				

KRT16P2				
CTD-2655K5.1				
UNC5B-AS1				UNC5B
TEX26-AS1		MEDAG		MEDAG TEX26
RP11-242F24.1				
AC096669.3				
LINC00941				
LINC00669				
RP11-77K12.4				CHST6
AC079630.4		LRRK2 LRRK2		
LINC00954				
TRAM2-AS1				TRAM2
RP5-884C9.2				
AC003051.1				
DBH-AS1	SARDH 1958bp;			DBH
AGGF1P2				
RP3-413H6.2				
DGUOK-AS1				DGUOK
FAM230C				
ALOX12P2				
NAPSB				NR1H2
LCN1P1				
RP11-209A2.1				
MYCNOS				MYCN
OR2IIP				
RP11-426C22.4				
RP11-297D21.2	ATP6V0D1 5371bp;		ZDHHC1 8099bp;	ZDHHC1
RP11-90C4.1				
AC093850.2				
SLC26A4-AS1				SLC26A4
RP11-443B7.1				
CTD-2130O13.1				
RP11-212I21.2				MMP2
FCGR1C				
RP11-151D14.1				
RP11-424G14.1	KDM5D 9259bp;			
XXbac-BPG248L24.1	HLA-B 2702bp;			HLA-B
CTD-2008L17.2				
IFNWP19	IFNA1 195bp;			
NAMA				
SHFM1P1				
RP11-174J11.1				
CTD-3193O13.11	EVI5L 5583bp;			CTD-3193O13.9
NTAN1P3				

XIST				
RP11-369K16.1		KIAA1456		
KB-1592A4.13				
LINC00925				
RP3-522D1.1				
RNU12				
RP11-16E12.2				
RP5-1029K10.2		NGFR		NGFR
RP11-106M7.1				ABLIM1
AC133785.1				ARHGEF4
AC002383.2				
RP11-149I9.2				
AC016995.3				
RP11-566H8.3				
RP11-118A3.1				
CTD-2332E11.2				
KRT8P14				
RP11-16K12.1				RASGRF1
MIR155HG				
DUXAP1		DNAH6		
LL0XNC01-131B10.2				
RP11-554D14.2				
RP4-710M3.1				
RP4-765H13.1				
HMG2P40				
LINC00693				
RP11-527L4.5			MPP2 4733bp;	FAM215A
RP11-442H21.2				DDIT4