

Supplementary Table 1 :

TRAIL (n=314)	C3/C2 (n=2933)	SN (n=3408)	TRAIL + C3/C2 (n=33)
ACPT	IL10RB	HDGFRP2	RPS6KA1
XLOC_12_006021	MARCH3	CALML6	CAMK1D
LRRC1	FAM104A	SLC7A5P1	XLOC_008337
IRF1	SNORA12	LOC645638	CCRN4L
SNORA53	C13orf15	NR6A1	ABCD3
LOC115110	SCML1	LAMA5	WNT7B
XLOC_003471	GZF1	LDLRAD1	CNP
PRRT2	CCL27	ATP13A2	MLF1
NRP2	GLTPD1	MCTP2	LINC00240
C8orf39	LOC100653017	CLIC3	FAM110C
FOSB	ZNRD1-AS1	LPCAT2	SNORA42
SGPP2	ARL17A	SEC14L1	FBXO31
IKBKE	GIT2	PLA2G12A	FAM102B
IL4R	G0S2	SNORD83A	TBC1D22B
LOC100509780	INPP4A	ZNF30	NUB1
LOXL4	ZNF654	RGS14	CHD5
SNORD101	RAB11FIP3	TTC7B	MLLT4
STAT5A	WDR26	BBS12	VWF
PTGER1	AGSK1	SLC7A2	HAUS6
LOC149773	KIAA0895L	CDH17	SNX21
XLOC_002383	PACSIN2	MARCH3	AMIGO3
XLOC_002736	RECQL4	NPIP	TCEA3
IL27RA	SOCS4	SNORD36C	XLOC_12_011265
MUC5AC	WRAP53	WNK2	SULT1A4
TAPBP	KCTD11	GDI1	LOC283174
LAMA3	SNORD25	LINS	CDK2
BACH1	NME7	SNORD48	XLOC_006153
PRO0611	CEP44	YIPF1	PRO2852
XLOC_003665	DOPEY1	TBC1D9	SERPINE2
PYGM	SPATA6	KIF17	SIGIRR
CMTM3	PCSK5	ELMOD3	TBC1D8B
IFNAR2	CCDC17	DNAJB11	KIAA0664L3
EXOC3L4	TSC1	CYB5R1	LOC100132247
XLOC_012229	C1orf9	LOC100132247	MGC16121
NPW	IQCD	BRPF1	STK32C
BATF3	PIAS1	PSPN	CXADRP3
XLOC_12_008031	HES5	SH2D6	LOC100506514
CCDC17	GTF2B	PPP1R12B	RAB33A
LOC100128077	XLOC_002921	LPIN1	SLC22A23
LOC728228	P2RY6	FOXK2	MXI1
GJB4	AMBRA1	DFFA	C1QTNF5
IL15RA	MAPKBP1	VWA1	XLOC_011331
XLOC_006037	STK17A	SLC8A2	XLOC_12_005076
DUSP5	XLOC_006138	MAP3K9	GLA

ZBTB46	LOC728431	RELL2	MICAL1
XLOC_12_013734	XLOC_012586	TRIM29	FAM46A
ICOSLG	CBL	LOC100288902	NDOR1
XLOC_004924	RPRD1A	ESYT1	XLOC_008100
LCE1B	PLCE1	NEK10	SNORD30
LAMC2	PER2	NUPL1	GLIS3
C15orf63	LOC387895	TP53INP2	XLOC_006321
XLOC_009677	FAM65C	PDXK	XLOC_12_005438
TAP1	WDR83	LOC100131089	MAFK
P51957	PELI1	ARPC4-TTLL3	CSGALNACT2
COL20A1	GNRH1	IVD	SEC24A
ALDOB	GPC1	CDC42BPB	MLL3
CXorf48	CAPN12	SUFU	C12orf52
C9orf128	PP12719	SLC38A10	TMEM41A
C6orf222	TERF2	FAM104A	RPS6KL1
IFNGR1	GIT1	USP37	SPTSSA
IGFBP1	TNFRSF10B	TGFBI	XLOC_007262
XLOC_000055	HCP5	CLMN	GNAI3
SYNGAP1	FAM107B	IL18	LEPREL2
TRIM31	ZNF697	IER3	BNIP3L
LOC100505940	RASSF10	VAT1	XLOC_011765
IL2RG	KIF3C	HLA-DOA	LOC284837
PRDM1	SYT15	SCARNA17	AMD1
ERVH-3	GGT1	DUSP13	B3GAT3
CD74	ARHGEF18	TSPAN13	SNORA33
XLOC_007214	INSIG1	ANXA1	XLOC_12_006027
LOC349196	SNX25	ATG4B	XLOC_12_010963
XLOC_014247	SLC25A30	LAMC2	XLOC_12_007802
WNT10A	STARD3	LOC100128001	DMWD
KRT17	LOC284630	GGTLC2	LOC100130357
VTRNA1-2	ADIPOR2	C17orf69	XLOC_007813
XLOC_014418	SLCO1B1	XLOC_002577	SUSD2
PIGR	CGB	PGS1	SELK
AQP7P1	P39194	C15orf48	NAT14
DAPP1	HSPG2	ZNF124	UBXN7
ATPAF1-AS1	ZNF277	ZNF280C	XLOC_12_001138
CBR3	RLTPR	SDF2	GGT1
CCDC108	TM2D3	AOC2	XLOC_011223
PDLIM4	MIPEPP3	UBOX5	NRP2
LOC553103	ANKRD13D	SLC30A1	LOC100289511
XLOC_000543	ZNF695	BCL3	ZNF441
FLT3LG	XLOC_012624	KATNB1	MGC23284
DIO3OS	FHL3	LIPH	ZNF284
IRAK2	TAOK2	DPYSL3	FLJ39051
LCE1C	ODF2	SYNJ2	XLOC_013350
KIRREL3	C9orf5	SMG1	MGAT4A
TNIP1	LAMB2	LOC100507018	SLC23A2
CDKN1A	ACOX1	C14orf43	RAB11FIP3

SPIB	XLOC_12_007427	LOC100506305	PHRF1
PPP1R14D	PC	CLU	RCAN2
AQP10	PPP1R18	MLF1	FUCA1
TRIB2	PCDH1	TMEM120B	LPIN1
RND1	PPP1R12C	SEC16A	AKAP5
KRT6B	TTYH3	CEP68	AREG
AKAP4	CHAF1A	CASP9	PPP1R12B
CDRT1	DNAJC6	CIC	PGAP1
FLJ31104	LOC100506990	PELI2	TNFRSF13C
IGFL4	PLEKHO2	USP32P2	DOPEY1
SDR16C5	WFS1	CTU2	C1orf210
XLOC_12_005933	HKDC1	LIPG	RASA4
XLOC_12_013120	MAN1B1	XLOC_013914	XLOC_011521
LOC387895	XLOC_004122	DRAP1	CHN2
XLOC_12_008595	SYNJ1	PER2	C1QTNF8
C12orf61	XLOC_12_013730	SNX29	PANK3
RNU4ATAC	SMOX	FADS2	UBR2
XLOC_006080	POLR2J4	PVR	CEP112
IL3RA	PAIP2B	DENND4C	SSBP3
XLOC_003327	TRIM3	PTGS2	ZNF608
SERPINA3	DGKQ	C6orf228	INO80B
PSORS1C3	FANCM	CKM	FAM135A
AKT1S1	HSPA1A	POGZ	LAMA3
S100A3	GBA2	FBXO15	CIDEC
LOC100509620	AGT	PMP22	CYP2D6
RTP1	HIST3H2A	B4GALNT3	NFKBIB
SH2D1B	XLOC_008678	XPR1	SRGAP2
LOC642422	CBX7	RAP2B	LACTB
XLOC_004747	SYT13	POTED	QSOX1
XLOC_12_015038	GYG2	XLOC_012530	CYP4F35P
SSC5D	LOC100652797	TRIP10	CREB3
MCCD1	XLOC_000111	PHGDH	MPRIP
NFKBIA	SYNGAP1	psiTPTE22	GNAI2
NEURL3	HES2	CA12	TSPYL2
SDC4	GRID2IP	SNORA12	FAM100B
PPP4R1L	PRINS	RBM4	LOC650368
SPRR1A	XLOC_12_007928	CALU	OPN3
IL1B	GDPD5	LINC00483	TTYH3
BCL3	FBXO16	KIAA2013	CD109
XLOC_010031	PTPN1	EID2B	LOC400958
PDGFB	XLOC_009122	WRAP53	SNHG5
LOC284570	IQCE	LAMB1	FAM171A2
XLOC_010245	KIAA1432	SNORD89	GPER
UNC5C	PALLD	MAP7D1	ARHGEF18
MCAM	SPTSSA	PTPN1	TAF13
NAV3	ZNF555	RHOU	SNORA80B
RNF207	ID3	FAHD1	FAM132A
IL23A	STRA6	XLOC_008916	XLOC_012679

CFLAR-AS1	RAPH1	PREPL	C8orf47
TTY5	SERPINA6	CD46	USP15
CPNE5	PRAF2	ELL	LOC100653016
LINGO1	PAOX	TTLL1	LOC100506714
TRIM42	INSIG2	GNB1L	CARHSP1
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PTGS2	WIPI2	STAT3	ARHGAP44
XLOC_001537	TBC1D10A	XLOC_12_007644	LOC100129380
XLOC_009361	XLOC_001023	MYH9	MMP25
XLOC_12_004706	PKD1	QSOX2	C2CD4A
CX3CL1	SNX29	LOC100507006	LOC100507487
ICAM2	FBRSL1	CRABP2	POFUT2
XLOC_009791	C5AR1	C12orf70	ZNF511
XLOC_005747	C19orf59	LOC283710	DYNLT1
CNRIP1	LOC100506821	PFKFB3	FKBPL
NFKBIE	XLOC_12_015964	MAD2L2	ZNF77
XLOC_12_005667	KIDINS220	KDM4B	LOC284072
TNFRSF6B	APBB3	TSC2	PLB1
SEMA7A	NINJ1	RNF149	SNORD83A
SPATA8	DNHD1	PLIN2	COL20A1
TNFAIP2	MAP3K3	INPP5A	NAV1
XLOC_009826	KIAA0226	DOCK6	XLOC_000670
XLOC_003093	TPTE	CCDC88B	HPN
KLK10	DRAM1	LRP1	NPRL2
ZNF331	LOC254100	PTPRJ	SLC22A1
TMEM31	LINC00299	ABCD1	C2CD4C
XLOC_000114	TBC1D8B	XLOC_001099	XLOC_012945
IL32	FAM167B	LOC100131829	C12orf44
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LOC100288432	RIPK4	SLC2A6	MKL1
PP12613	CLCNKB	PIP4K2A	ZGPAT
ASB2	C1orf226	SORT1	FCAMR
XLOC_000842	SLC2A8	XLOC_013413	TPPP
DIO3	ZSWIM4	WDR66	MAP6D1
CACNA2D3	RAB40B	SOX12	LOC100507420
CD83	SEC24A	SNORD83B	SLC25A28
LOC100129119	DUSP8	UPK1A	ELMOD3
LOC100506178	DEFB1	C1orf81	C15orf39
SPAG17	RARA	MT1X	GATA2
NFKB2	FUZ	FRMD8	C6orf47
SNORD116-19	MGC23284	MALAT1	PMPCA
ITGAM	GAGE2B	C9orf140	ACOT7
MMP2	ASPG	XLOC_12_015034	FAM167B
ICAM1	PDLIM7	NCOA3	BMP8B
XLOC_000545	XLOC_011223	HCP5	KIAA1804
XLOC_011559	GGT3P	GCAT	HLA-DOA
CXCL6	GAS2L2	MTHFD2L	MAX
GPR37L1	CITED2	XLOC_008781	C17orf76

LOC100616530	GSTT2B	CDC34	ZNF774
LOXHD1	C9orf89	ZNF295	XLOC_006037
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HOXD12	HAUS6	FAM135A	IL6ST
ZNF503-AS1	LOC100506714	EPB41L2	E2F2
OTOGL	XLOC_001856	SYNGR1	RFPL3-AS1
LOC728763	XLOC_006613	LOC100509213	XLOC_010238
XLOC_003736	VCL	APBB3	TMEM2
SH2D2A	LRRC69	GRINA	ATP2B4
HSD52	LCAT	NCF1	ACADSB
PKD1L3	UBE2Q2P3	NPL	XLOC_12_004771
CTLA4	MPZL3	POU3F1	C1orf9
DNAH5	SH2D6	DNAH2	FANCM
LOC100128517	RASA4	SPTSSA	GRK5
C12orf12	TNFRSF13C	XLOC_001537	GGTLC2
LOC100505869	ECE1	LOC100507165	MAD2L2
FLJ43390	XLOC_12_011204	XLOC_009122	CLDN9
LOC100128095	ELL	ATP6V0B	MALAT1
HCN4	ZNF774	XLOC_12_004640	LOC100129399
XLOC_003965	ZNF821	XLOC_000043	HIST3H2A
XLOC_003791	MICALL2	SLC26A6	SLMAP
1/2-SBSRNA4	NUAK2	XLOC_000683	LOC729513
UNC5D	ARL6	CHN2	XLOC_12_009501
XLOC_001128	C2orf44	ZHX3	PKD1
C2CD4B	DNAH6	GMCL1	NCK2
CXCL3	LOC283174	KIAA1609	SYT13
XLOC_002688	SNHG7	SHANK2	PAQR4
XLOC_013531	PIK3R3	NPM2	SGPP2
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XLOC_006999	JMJD7-PLA2G4B	AKIRIN1	FLJ23867
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LOC100506048	DOCK6	EFNA5	ANAPC2
ATP6V0D2	ZFP90	ZIC5	UCA1
XLOC_008625	C2CD4A	CROCC	HCAR3
RELB	LOC100506713	CMIP	FLVCR1-AS1
LY86-AS1	MIA3	PPFIA3	CD86
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XLOC_006456	CNN3	FXR2	ATG4B
ART1	NOXA1	SERPINA4	NOXA1
MPP4	Q8WNA4	HRASLS2	LRRC69
LOC400499	DTX2	GYLTL1B	SCML1
CSF2	MPRIP	PPP1R13L	NQO2
FLJ42842	CARD14	FLJ39051	XLOC_12_006745
PI3	SEPP1	PAQR4	POTEE

STOML3	LOC100507580	LOC100505675	CHD4
LDLRAD2	NOSIP	MARCH9	HYAL3
XLOC_000856	BAK1	CSNK1E	FLJ32224
XLOC_12_008190	PLB1	DBNDD1	PHKG2
CXCL10	LOC100506848	RTBDN	DENND5A
TNFAIP3	PSPN	DUSP14	LTBP3
POM121L8P	DAAM1	MAX	XLOC_006138
XLOC_000824	MOB2	N4BP1	PQLC1
TMPRSS11B	SUN1	EXOC3L4	ING2
XLOC_011881	NQO2	CDH1	DFFA
XLOC_006485	TRIM62	LOC728431	PPFIA1
FLJ33534	MAD2L2	FAM106CP	CYP26A1
C3orf55	XLOC_013072	DPM2	TAF3
CXCL2	FAM132A	C3orf71	TMEM120B
XLOC_12_003888	RBM38	GGN	EPB41L5
XLOC_011326	TUBGCP6	GGCX	RIMKLA
XLOC_011614	SEC14L1	S100A14	STX7
TAS2R16	CASKIN2	FAM83F	RPS6KB1
XLOC_011289	FLCN	OR2AG1	LOC100509213
LOC100506571	FLJ90757	NBR2	DNHD1
LOC441204	CAV1	PI4KA	CEP68
CRB1	SPSB3	C3orf18	BICD2
XLOC_006398	AKAP5	LOC254100	GMCL1
XLOC_009713	XLOC_006994	CD82	SH3D21
TMEM132B	GNL1	MACF1	MYADM
LOC440970	RPL28	SEPP1	LOC100132495
XLOC_011378	XLOC_013732	PML	ETS1
XLOC_000324	TMEM92	XLOC_001441	ZNF503
PRKG1	AMN1	XLOC_000340	LOC100506312
XLOC_12_008450	SGK223	C5orf45	RNF213
XLOC_12_010258	FNBP1	SAMD4B	ZNF124
XLOC_009661	RHOA	C6orf25	SNRNP48
CABP2	SNORD22	GALNT2	XLOC_014388
XLOC_008366	SEC1	LOC100506123	HEBP1
XLOC_007093	SLC22A1	ST14	HHEX
BIRC3	XLOC_002185	INSIG1	ND1
MYO18B	PPP1R9B	XLOC_011805	SPDYE5
ADCYAP1	CDKL5	TCFL5	CT62
FAM205B	DNAJC12	KIAA0895L	AKIRIN1
Q6TXI9	MKLN1	OCLN	OTUD3
TMEM229B	VWF	CXorf40B	C21orf56
LOC157381	BAI1	AAMP	PLAU
XLOC_003636	AIF1L	SPN	SYNE1
ECSCR	GSTT2	FANCE	STRA6
XLOC_011421	FRMD8	DHX16	GLTPD1
SLITRK2	NARF	ANKRD11	MFAP2
XLOC_12_006138	TCP10	NDOR1	C10orf118
XLOC_003754	PECAM1	FBXW10	RNF19B

LOC286114	ZNF519	C20orf96	PECAM1
XLOC_12_014217	CRY1	FBXO31	GZF1
XLOC_001067	LILRB3	INPP5F	AFAP1
XLOC_007545	GYLTL1B	XLOC_12_009571	LRRC31
XLOC_009546	GRIN2C	CHP2	SPOCK2
XLOC_001676	MUC1	NR3C2	RHOBTB3
SHROOM2	MALAT1	SNX27	XLOC_005273
XLOC_007916	DCUN1D2	NSAP11	CEP170
XLOC_000955	ATP7A	HYAL3	BDNF
OR14A16	XLOC_001748	ZRANB1	C9orf85
XLOC_011350	RGS2	SLC38A2	XLOC_002133
FGF14	FLVCR1	CEP19	RAP2B
CXCL1	TMED6	FGFRL1	AFF4
LOC100507096	C7orf60	DRD4	TRIM25
XLOC_001483	SLC38A2	UCN	GAS2L2
C10orf120	KRT23	SOCS4	KRTAP3-1
XLOC_12_013149	FAM131B	LOC100130745	PDE4D
CILP	GNAI3	SNAPC1	SLC5A3
IL17C	MYO1E	PPM1K	SAMD4A
ICAM4	SNORA68	IL1RAP	TCIRG1
XLOC_007727	LAMB2P1	NOXA1	RAB17
XLOC_006620	KLHL28	TBX10	TRIM26
PRDM16	XLOC_002987	HSPA5	MRGPRF
CFHR1	SLC31A1	SNHG7	TMEM136
IL8	XLOC_001537	C2orf81	C16orf86
IL4I1	MKL1	AP2A1	CACNG8
LTB	CNTNAP2	PAQR3	FLJ43663
TNF	LOC643650	TBC1D22B	NPAS2
CCL20	FBXO15	PAQR5	SYNGAP1
UBD	CXADR	HSD17B3	ARMC2
	LOC440934	PRKD2	AIF1L
	CPLX1	AGFG2	LOC100287728
	ZNF79	CDH24	NUP43
	LOC100507800	SLC25A28	NOTCH1
	SNX27	GPT	APBB3
	RGN	SERPINA6	DAND5
	SARDH	LOC100131820	RLF
	CIDEC	ADHFE1	PCBP4
	TESK1	HCFC2	CGRRF1
	HSPC072	CCDC69	KIAA0895
	ZNF324B	PRO0628	NARF
	RTN4R	SH3D21	P51957
	LEPREL2	ETV5	LOC100506990
	FOS	GOLGA6L9	CCDC85B
	TNFSF15	RASSF6	CYP2C18
	SLC7A2	XLOC_005566	MOSPD3
	SERPINF1	SYTL4	KIAA0319
	NPC1	DNAJB13	STAMPB

LIPA	XLOC_12_004371	XLOC_12_015038
RHOBTB2	NQO2	XLOC_006291
TMEM41B	MXRA7	FLJ21369
PTPRE	MCFD2	RAB43
XLOC_004590	CXADRP3	AQP7P1
SLC7A5	BAIAP2L1	ENPP1
XLOC_000683	ISG20	NNAT
AAK1	LAT2	KIAA1549
RCAN2	EPHB3	AAK1
L1CAM	XLOC_013350	LOC100505904
RECK	FAM25A	PMM1
XLOC_009943	RAB43	SMG1
ZNF778	CCDC75	GGCX
TBC1D16	HK1	SNORA80
psiTPTE22	PHF20L1	FAM27A
C17orf51	BNIP1	TSPAN32
ZNF584	ABHD3	LOC100652766
HPSE	GRIK1-AS1	GAN
XLOC_005361	KIAA1671	XLOC_008353
KIAA1539	CCBL1	CCND3
ZBTB80S	ZNF10	SYNGR1
ZFAND5	GGT1	CREB3L2
XLOC_012162	JDP2	CPLX1
DNAJC5	SRPK2	SH3BP2
GOLGA6L10	SCAP	C21orf91
FGFR1OP2	XLOC_003480	CPSF3L
SNHG12	CREB3L2	ACSS2
XLOC_004827	IRAK2	XLOC_005244
SPATA2L	HIPK1	LOC100506245
ADRBK2	GBA2	SNORD35A
ADRA2C	TOP1	XLOC_006513
KCNQ1DN	RBBP5	XLOC_12_010330
XLOC_000922	LOC650368	OAS1
ZNF516	SPANXB2	YBX2
PSORS1C2	S100P	KCNK1
PGAP1	ZNF75A	TMEM189
SPDYE5	ZNF3	KLC2
KIAA0247	C19orf59	COL11A2
LOC100288092	HIVEP2	TMEM231
RXFP4	ANKRD27	MIDN
CDC42EP2	GPR116	CNTNAP1
XLOC_12_011265	BCR	TBPL1
LPCAT3	FOXD4	TP53INP1
OTUD3	F11R	MCTP2
NFIL3	AKT1S1	SYT15
NCKAP5L	MRPL43	RND3
SAMD8	PLEKHG6	AGAP3
EGLN3	STK24	TLR1

XLOC_12_013931	TTC28-AS1	EFHC1
CLCN4	SNORD25	TMEM139
RTBDN	CHMP1B	SLC16A13
LOC283710	USP12	FLRT3
LOC100507165	STX5	LOC100652915
TNKS1BP1	STAMPB	FAM161B
TNFSF12	CHTF18	PIK3CD
BTN2A3P	SLC2A8	XLOC_12_009571
ERP27	ATG16L2	ADRBK2
C3orf35	LOC100505634	LOC100509256
ACHE	UBXN7	LOC100131831
MXD1	XLOC_010161	TRIM3
PDXDC2P	HINFP	SLC6A8
TAF3	LOC100653030	TPMT
PHLDB3	PRKCZ	HCLS1
C1orf52	ACBD7	ULK4
LOC338817	XLOC_12_011901	COQ10A
CCDC64B	IFNAR2	ANKRD36B
XLOC_003787	MOK	LOC100507395
DNAJC28	LRWD1	XLOC_006588
HERC1	ARHGAP4	BCL2L11
TMEM184B	CLDN12	ETV3
JPX	FGFR1OP2	CDH24
WDR91	PLXND1	KCNK6
NEAT1	XLOC_013932	RMRP
EPB41L5	NEDD4L	DKFZp434J0226
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CHN2	C1orf52	CCNL1
GDPD1	TOM1L2	C19orf77
MYL9	ITGA3	MFSD2A
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XLOC_12_001064	MAPKAPK2	PPTC7
IZUMO4	DGKD	ZNF584
LOC729668	FANCB	ZNF3
AMY1C	WNT7A	ATP7A
PTAFR	SLC12A9	ANO3
PPP1R12B	CDH16	ADRA2C
OBSCN	ATP2A1	LOC100506157
WTIP	XLOC_008619	LMTK2
ABCA7	PIP5K1B	PDK4
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