

Gene markers by NSC to distinguish nine tumor types

Tumor type	Gene index	Gene name	Selection frequency
BREAST	371	8	P8
BREAST	288	1	IER3
BREAST	141	27	DDR2
BREAST	247	15	
BREAST	322	2	
BREAST	949	7	
BREAST	887	3	TP53
BREAST	958	20	
BREAST	520	3	ANXA6
BREAST	881	8	
BREAST	413	3	
BREAST	714	5	
BREAST	950	5	
BREAST	405	9	BCAR3
BREAST	805	2	ARGBP2
BREAST	644	4	
BREAST	927	2	FGFR3
BREAST	171	4	
BREAST	804	8	
BREAST	424	12	
BREAST	848	2	
BREAST	245	9	
BREAST	992	3	
BREAST	711	5	
BREAST	936	4	
BREAST	232	2	
BREAST	734	2	PRKCD
BREAST	238	10	DLC1
BREAST	426	4	CBR1
BREAST	974	3	
BREAST	53	27	TIMP3
BREAST	713	1	
BREAST	485	3	
BREAST	939	4	
BREAST	287	5	MUTYH
BREAST	969	7	MMP14
BREAST	227	5	
BREAST	215	1	
BREAST	401	3	BACE1
BREAST	820	1	CITED2
BREAST	630	2	ARHGEF12
BREAST	367	1	
BREAST	995	5	
BREAST	658	4	
BREAST	103	2	

BREAST	104	2	AP1S2
BREAST	289	4	IRX3
BREAST	42	2	LGALS3
BREAST	418	2	CD4
BREAST	589	1	S100A11
BREAST	29	25	EPS8
BREAST	377	20	
BREAST	893	3	LAMP2
BREAST	235	8	
BREAST	496	3	
BREAST	905	3	
BREAST	730	5	DAG1
BREAST	918	10	
BREAST	744	6	
BREAST	990	3	
BREAST	313	1	HSPA1A
BREAST	207	3	PLEKHC1
BREAST	519	3	IL6ST
BREAST	474	6	IGFBP7
BREAST	717	3	IGSF8
BREAST	143	12	SOX9
BREAST	824	2	VEGF
BREAST	299	1	
BREAST	52	2	
BREAST	290	5	
BREAST	271	1	CD9
BREAST	864	4	DHCR7
BREAST	957	3	
BREAST	148	6	
BREAST	914	3	
BREAST	472	3	
BREAST	904	2	SYNJ1
BREAST	646	5	ASAH1
BREAST	11	6	CAV1
BREAST	140	11	ARHE
CNS	81	13	THY1
CNS	377	20	
CNS	5	24	
CNS	126	13	ITGA6
CNS	141	27	DDR2
CNS	214	6	
CNS	26	47	
CNS	234	7	ADAM12
CNS	36	46	
CNS	44	18	GJA1
CNS	65	3	
CNS	9	1	
CNS	76	2	
CNS	11	6	CAV1
CNS	112	12	

CNS	167	1	MYLK
CNS	912	12	
CNS	169	5	GRP58
CNS	877	5	
CNS	33	5	
CNS	8	2	
CNS	113	3	CALD1
CNS	122	1	
CNS	66	1	
CNS	62	4	SPARC
CNS	401	3	BACE1
CNS	24	6	
CNS	56	5	MAP1B
CNS	276	3	
CNS	649	4	SSA2
CNS	268	1	
CNS	120	5	
CNS	295	6	COL6A1
CNS	27	2	PLAU
CNS	258	5	COL1A1
CNS	893	3	LAMP2
CNS	337	1	FGF12
CNS	804	8	
CNS	302	2	
CNS	34	3	
CNS	172	2	LMO4
CNS	809	7	NR2F1
CNS	762	3	FBLN1
CNS	85	5	
CNS	142	2	
CNS	323	5	PHKA2
CNS	16	23	EFEMP1
CNS	162	7	PFN2
CNS	96	2	SCHIP1
CNS	495	5	
CNS	174	2	
CNS	519	3	IL6ST
CNS	322	2	
CNS	972	4	IGLL1
CNS	474	6	IGFBP7
CNS	455	4	SYNE1
CNS	93	11	
CNS	121	1	
CNS	333	2	
CNS	863	6	B2M
CNS	232	2	
CNS	339	1	APEG1
CNS	639	5	
CNS	77	17	
CNS	74	5	

CNS	300	3	FOSL2
CNS	824	2	VEGF
CNS	523	2	ENC1
CNS	67	30	FSTL1
CNS	356	2	
CNS	181	4	
CNS	695	3	
CNS	281	3	
CNS	45	7	
CNS	679	8	
CNS	254	3	
CNS	722	4	PLAUR
CNS	524	8	
CNS	588	1	CSRP2
CNS	70	1	S100A6
CNS	218	21	CTGF
CNS	25	11	
CNS	453	11	SLC1A3
CNS	439	2	
CNS	855	2	ELL2
CNS	306	4	C1R
CNS	1	6	SERPINE2
CNS	376	6	TPM1
CNS	2	1	FN1
CNS	801	6	PRKCA
CNS	130	3	
CNS	576	2	
CNS	173	2	
CNS	562	3	
CNS	702	3	
CNS	924	4	
CNS	330	2	MSN
CNS	151	8	PLK2
CNS	187	8	
CNS	251	2	HLA-B
CNS	176	18	
CNS	426	4	CBR1
CNS	949	7	
CNS	71	13	ANXA1
CNS	443	9	
CNS	311	1	FLNA
CNS	598	9	LAMR1
CNS	829	1	KIF1B
CNS	156	1	
CNS	95	7	
CNS	832	4	
CNS	314	3	HLA-A
CNS	574	3	
CNS	363	2	
CNS	89	6	

CNS	12	2	
CNS	525	3	RDX
CNS	688	2	SFRP1
CNS	154	2	CTSL
CNS	111	6	PEG10
CNS	29	25	EPS8
CNS	648	6	
CNS	657	3	
CNS	875	4	
CNS	18	8	
CNS	91	3	NR1H3
CNS	46	4	
CNS	774	4	FTL
CNS	469	16	
CNS	911	6	
CNS	533	11	APOD
CNS	487	1	
CNS	10	13	
CNS	782	5	
CNS	931	6	
CNS	567	1	
CNS	132	1	C1S
CNS	123	13	CYR61
CNS	766	2	
CNS	452	2	GPX1
CNS	389	6	NOTCH2
CNS	386	4	CAMKK1
CNS	17	1	
CNS	13	1	PRKAG1
CNS	640	24	MEIS1
CNS	881	8	
CNS	196	7	
CNS	673	7	
CNS	199	2	
CNS	737	2	
CNS	269	4	FDPS
CNS	573	3	DST
CNS	836	10	
CNS	397	6	
CNS	736	2	
CNS	137	1	ITGA3
COLON	7	41	
COLON	31	11	
COLON	303	4	RPS16
COLON	157	5	GPX2
COLON	223	36	MUC13
COLON	143	12	SOX9
COLON	221	13	DLG3
COLON	435	14	LYZ
COLON	159	7	

COLON	3	5	ANXA3
COLON	920	2	SLC12A2
COLON	110	4	
COLON	293	5	ETS2
COLON	933	1	PLS1
COLON	557	2	PERP
COLON	529	12	
COLON	265	2	
COLON	484	1	LMO7
COLON	538	7	TGFB1I4
COLON	43	3	
COLON	358	1	
COLON	189	4	
COLON	124	1	
COLON	83	1	SORL1
COLON	815	6	
COLON	88	8	
COLON	586	3	
COLON	118	5	KRT8
COLON	160	5	JUP
COLON	480	4	MYO5B
COLON	445	5	TCF7L2
COLON	514	2	
COLON	29	25	EPS8
COLON	429	3	F11R
COLON	51	37	NMBR
COLON	617	5	KLF3
COLON	280	22	
COLON	267	1	AQP3
COLON	580	3	
COLON	235	8	
COLON	806	1	
COLON	884	2	APOC3
COLON	342	4	
COLON	781	2	
COLON	726	10	LRRC1
COLON	271	1	CD9
COLON	997	4	LDHB
COLON	476	1	UGT1A10
COLON	292	5	CAMK2D
COLON	916	1	
COLON	340	1	
COLON	70	1	S100A6
COLON	663	1	
COLON	226	22	
COLON	932	2	
COLON	89	6	
COLON	511	2	
COLON	671	8	
COLON	152	7	

COLON	42	2	LGALS3
COLON	57	8	TPD52L1
COLON	578	6	
COLON	739	5	
COLON	742	7	GAD1
COLON	208	2	FOS
COLON	570	5	
COLON	219	3	CDH17
COLON	345	13	GCA
COLON	650	2	RPH3AL
COLON	440	6	
COLON	630	2	ARHGEF12
COLON	544	2	
COLON	775	5	
COLON	388	3	
COLON	637	1	NFATC3
COLON	719	7	KCNQ4
COLON	185	4	
COLON	475	9	SMARCB1
COLON	699	2	DDR1
COLON	818	1	SAT
COLON	99	7	KRT6B
COLON	282	2	
COLON	807	4	
COLON	249	2	
COLON	680	2	APOM
COLON	851	1	EMP2
COLON	101	2	S100A4
COLON	978	1	LASP1
COLON	542	8	
COLON	201	4	
COLON	149	12	
COLON	840	1	CASK
COLON	682	3	FAU
COLON	568	1	
COLON	929	2	AP1G2
COLON	965	2	
COLON	800	1	
COLON	266	2	PECAM1
COLON	353	4	ANXA4
COLON	94	4	GABRE
COLON	227	5	
COLON	708	5	
LEUKEMIA	482	17	HCLS1
LEUKEMIA	22	2	ARHGDIB
LEUKEMIA	489	6	
LEUKEMIA	531	3	IQGAP2
LEUKEMIA	765	6	
LEUKEMIA	807	4	
LEUKEMIA	838	5	

LEUKEMIA	433	1	PRKCB1
LEUKEMIA	548	2	
LEUKEMIA	539	2	SATB1
LEUKEMIA	621	11	
LEUKEMIA	696	8	ADCY7
LEUKEMIA	568	1	
LEUKEMIA	301	13	
LEUKEMIA	947	17	CHL1
LEUKEMIA	900	9	
LEUKEMIA	197	2	FCGR2B
LEUKEMIA	274	2	TM4SF2
LEUKEMIA	814	9	
LEUKEMIA	672	3	
LEUKEMIA	39	2	
LEUKEMIA	483	1	
LEUKEMIA	998	1	
LEUKEMIA	514	2	
LEUKEMIA	670	2	
LEUKEMIA	52	2	
LEUKEMIA	267	1	AQP3
LEUKEMIA	940	2	APBA2
LEUKEMIA	826	4	
LEUKEMIA	440	6	
LEUKEMIA	430	10	GYPA
LEUKEMIA	979	2	SNX2
LEUKEMIA	203	26	
LEUKEMIA	228	21	
LEUKEMIA	488	1	RUNX1
LEUKEMIA	811	1	
LEUKEMIA	497	4	
LEUKEMIA	142	2	
LEUKEMIA	513	5	
LEUKEMIA	767	4	
LEUKEMIA	984	4	SP140
LEUKEMIA	293	5	ETS2
LEUKEMIA	106	2	
LEUKEMIA	751	7	
LEUKEMIA	863	6	B2M
LEUKEMIA	858	1	
LEUKEMIA	799	6	UBE1L
LEUKEMIA	633	1	TRIP6
LEUKEMIA	601	5	
LEUKEMIA	845	1	
LEUKEMIA	436	1	
MELANOMA	25	11	
MELANOMA	55	3	SGK
MELANOMA	23	3	
MELANOMA	45	7	
MELANOMA	464	4	
MELANOMA	384	4	

MELANOMA	198	1	
MELANOMA	53	27	TIMP3
MELANOMA	543	3	
MELANOMA	359	5	
MELANOMA	417	2	
MELANOMA	287	5	MUTYH
MELANOMA	594	4	
MELANOMA	530	1	
MELANOMA	104	2	AP1S2
MELANOMA	747	4	
MELANOMA	741	3	
MELANOMA	656	11	
MELANOMA	61	1	
MELANOMA	753	1	
MELANOMA	42	2	LGALS3
MELANOMA	1	6	SERPINE2
MELANOMA	955	5	RHOQ
MELANOMA	551	8	MXI1
MELANOMA	364	3	
MELANOMA	12	2	
MELANOMA	219	3	CDH17
MELANOMA	813	3	STXBP1
MELANOMA	434	4	SDCBP
MELANOMA	988	1	
MELANOMA	711	5	
MELANOMA	903	3	UBL5
MELANOMA	665	7	
MELANOMA	254	3	
MELANOMA	441	1	
MELANOMA	646	5	ASAH1
MELANOMA	178	8	MYO10
MELANOMA	14	18	
MELANOMA	460	2	
MELANOMA	284	8	PROS1
MELANOMA	149	12	
MELANOMA	982	4	NEDD4L
MELANOMA	857	3	
MELANOMA	362	2	
MELANOMA	166	18	
MELANOMA	141	27	DDR2
MELANOMA	275	1	ETV5
MELANOMA	465	2	TNFRSF5
MELANOMA	561	2	
MELANOMA	491	2	
MELANOMA	872	4	
MELANOMA	26	47	
MELANOMA	533	11	APOD
MELANOMA	255	1	
MELANOMA	847	1	
MELANOMA	29	25	EPS8

MELANOMA	591	2	WWP1
MELANOMA	969	7	MMP14
MELANOMA	431	3	CD68
MELANOMA	8	2	
MELANOMA	400	4	PRNP
MELANOMA	750	3	
MELANOMA	302	2	
MELANOMA	661	2	TIMP2
MELANOMA	645	2	
MELANOMA	914	3	
MELANOMA	30	4	
MELANOMA	238	10	DLC1
MELANOMA	257	3	PLAT
MELANOMA	398	6	
MELANOMA	584	1	
MELANOMA	121	1	
MELANOMA	185	4	
MELANOMA	184	7	GTL3
MELANOMA	717	3	IGSF8
MELANOMA	288	1	IER3
MELANOMA	43	3	
MELANOMA	46	4	
MELANOMA	554	1	
MELANOMA	50	3	
MELANOMA	830	3	
MELANOMA	220	4	APBB1
MELANOMA	424	12	
MELANOMA	260	1	RAB32
MELANOMA	628	5	
MELANOMA	734	2	PRKCD
MELANOMA	174	2	
MELANOMA	2	1	FN1
MELANOMA	609	6	ANXA5
MELANOMA	794	5	GCH1
MELANOMA	695	3	
MELANOMA	191	1	
MELANOMA	427	2	
MELANOMA	540	4	GNG12
MELANOMA	848	2	
MELANOMA	905	3	
MELANOMA	403	2	SLC26A2
MELANOMA	164	5	LGALS3BP
MELANOMA	618	5	KIF3C
MELANOMA	412	6	
MELANOMA	939	4	
MELANOMA	322	2	
MELANOMA	13	1	PRKAG1
MELANOMA	54	14	
MELANOMA	119	6	
MELANOMA	818	1	SAT

MELANOMA	890	2	
MELANOMA	320	9	
MELANOMA	113	3	CALD1
MELANOMA	893	3	LAMP2
MELANOMA	212	3	ABCC2
MELANOMA	810	4	PSEN2
MELANOMA	536	2	PRKCM
MELANOMA	895	4	GGA2
MELANOMA	644	4	
MELANOMA	883	4	
MELANOMA	478	4	
MELANOMA	17	1	
MELANOMA	959	2	
MELANOMA	49	3	
MELANOMA	375	1	
MELANOMA	547	8	
MELANOMA	105	12	
MELANOMA	570	5	
MELANOMA	208	2	FOS
MELANOMA	304	2	
MELANOMA	658	4	
MELANOMA	690	3	HLA-DRB3
MELANOMA	383	2	SH3KBP1
MELANOMA	361	4	DNCH2
MELANOMA	457	6	
MELANOMA	274	2	TM4SF2
MELANOMA	92	5	CKAP4
MELANOMA	418	2	CD4
MELANOMA	986	3	
MELANOMA	596	2	
MELANOMA	904	2	SYNJ1
MELANOMA	841	3	
MELANOMA	532	3	
MELANOMA	878	2	
MELANOMA	965	2	
MELANOMA	154	2	CTSL
MELANOMA	367	1	
MELANOMA	936	4	
MELANOMA	232	2	
MELANOMA	91	3	NR1H3
MELANOMA	443	9	
MELANOMA	943	1	
MELANOMA	631	8	PRKCE
MELANOMA	833	4	
MELANOMA	506	4	
MELANOMA	718	10	CTSD
MELANOMA	253	4	
MELANOMA	522	9	
MELANOMA	458	2	
MELANOMA	228	21	

MELANOMA	262	1	
MELANOMA	210	7	
MELANOMA	775	5	
MELANOMA	107	1	NUBP1
MELANOMA	299	1	
MELANOMA	675	2	
MELANOMA	379	1	
MELANOMA	128	5	
MELANOMA	449	1	
MELANOMA	181	4	
MELANOMA	732	5	
MELANOMA	804	8	
MELANOMA	135	25	SLC2A3
MELANOMA	700	2	
MELANOMA	926	3	
MELANOMA	825	2	
MELANOMA	714	5	
MELANOMA	693	1	
MELANOMA	985	7	
MELANOMA	455	4	SYNE1
MELANOMA	679	8	
MELANOMA	389	6	NOTCH2
MELANOMA	344	1	
MELANOMA	946	1	
MELANOMA	743	3	
MELANOMA	454	3	
MELANOMA	391	5	
MELANOMA	739	5	
MELANOMA	832	4	
MELANOMA	819	1	
MELANOMA	188	7	LAMB1
MELANOMA	773	9	
MELANOMA	307	20	IL1B
MELANOMA	629	3	
MELANOMA	612	3	
MELANOMA	996	2	
MELANOMA	333	2	
MELANOMA	873	6	
MELANOMA	246	1	
MELANOMA	148	6	
MELANOMA	76	2	
MELANOMA	601	5	
MELANOMA	492	6	PTPRM
MELANOMA	642	7	RBMS1
MELANOMA	171	4	
MELANOMA	754	9	
MELANOMA	751	7	
MELANOMA	915	1	
MELANOMA	967	1	MDM2
MELANOMA	111	6	PEG10

MELANOMA	668	1	PRKACB
MELANOMA	974	3	
MELANOMA	953	2	
MELANOMA	925	1	
MELANOMA	971	2	
MELANOMA	468	6	
MELANOMA	230	4	
MELANOMA	342	4	
MELANOMA	755	2	
MELANOMA	409	4	
MELANOMA	856	4	
MELANOMA	156	1	
MELANOMA	426	4	CBR1
MELANOMA	730	5	DAG1
MELANOMA	709	3	HLA-DQA1
MELANOMA	623	2	
MELANOMA	891	3	
MELANOMA	593	5	LIPA
MELANOMA	911	6	
MELANOMA	173	2	
MELANOMA	395	4	TEAD1
MELANOMA	356	2	
MELANOMA	694	2	
MELANOMA	899	5	
MELANOMA	244	2	
MELANOMA	355	4	NEDD9
MELANOMA	882	1	
MELANOMA	770	6	TGFBR3
MELANOMA	518	1	
MELANOMA	771	7	ITGA5
MELANOMA	183	1	
MELANOMA	510	3	
MELANOMA	897	5	COPEB
MELANOMA	620	8	
MELANOMA	130	3	
MELANOMA	290	5	
MELANOMA	462	7	APOC1
MELANOMA	849	2	PIK3R1
MELANOMA	144	2	PPM2C
MELANOMA	853	4	
MELANOMA	215	1	
MELANOMA	411	2	
MELANOMA	195	2	
MELANOMA	73	4	NGFRAP1
MELANOMA	201	4	
MELANOMA	428	5	
MELANOMA	273	6	
MELANOMA	766	2	
MELANOMA	410	2	CS
MELANOMA	517	2	DAPK1

MELANOMA	910	4	FAM3C
MELANOMA	993	1	
MELANOMA	90	2	CXCL2
MELANOMA	702	3	
MELANOMA	59	26	IL8
MELANOMA	805	2	ARGBP2
MELANOMA	777	1	PEX5
MELANOMA	140	11	ARHE
MELANOMA	138	1	SEC15L2
MELANOMA	405	9	BCAR3
MELANOMA	664	2	
MELANOMA	829	1	KIF1B
MELANOMA	452	2	GPX1
MELANOMA	249	2	
MELANOMA	764	2	GRB10
MELANOMA	535	5	
MELANOMA	496	3	
MELANOMA	947	17	CHL1
MELANOMA	945	1	
MELANOMA	648	6	
MELANOMA	748	5	
MELANOMA	562	3	
MELANOMA	525	3	RDX
MELANOMA	357	3	
MELANOMA	950	5	
MELANOMA	907	5	
MELANOMA	917	3	
MELANOMA	767	4	
MELANOMA	881	8	
MELANOMA	370	5	
MELANOMA	425	3	CASP4
NSCLC	32	4	TFPI2
NSCLC	63	3	CYP1B1
NSCLC	108	1	
NSCLC	378	27	
NSCLC	132	1	C1S
NSCLC	5	24	
NSCLC	363	2	
NSCLC	54	14	
NSCLC	442	34	
NSCLC	105	12	
NSCLC	82	4	
NSCLC	71	13	ANXA1
NSCLC	56	5	MAP1B
NSCLC	195	2	
NSCLC	16	23	EFEMP1
NSCLC	250	1	
NSCLC	33	5	
NSCLC	420	5	PBX1
NSCLC	126	13	ITGA6

NSCLC	176	18	
NSCLC	24	6	
NSCLC	99	7	KRT6B
NSCLC	297	3	TJP1
NSCLC	20	2	
NSCLC	147	2	CXCL5
NSCLC	231	8	JUB
NSCLC	340	1	
NSCLC	469	16	
NSCLC	451	21	
NSCLC	621	11	
NSCLC	93	11	
NSCLC	44	18	GJA1
NSCLC	809	7	NR2F1
NSCLC	9	1	
NSCLC	486	3	ADAM9
NSCLC	576	2	
NSCLC	970	4	
NSCLC	702	3	
NSCLC	282	2	
NSCLC	786	3	
NSCLC	351	2	ARF4L
NSCLC	563	5	
NSCLC	134	1	
NSCLC	94	4	GABRE
NSCLC	870	5	
NSCLC	152	7	
NSCLC	268	1	
NSCLC	392	1	
NSCLC	170	1	CYP24A1
NSCLC	180	4	
NSCLC	187	8	
NSCLC	135	25	SLC2A3
NSCLC	74	5	
NSCLC	216	18	
NSCLC	242	8	
NSCLC	196	7	
NSCLC	154	2	CTSL
NSCLC	369	4	
NSCLC	462	7	APOC1
NSCLC	366	2	C6ORF108
NSCLC	527	16	ITGB1
NSCLC	875	4	
NSCLC	204	2	TNFAIP2
NSCLC	650	2	RPH3AL
NSCLC	162	7	PFN2
NSCLC	873	6	
NSCLC	641	1	
NSCLC	266	2	PECAM1
NSCLC	388	3	

NSCLC	211	9	TRIO
NSCLC	557	2	PERP
NSCLC	192	3	
NSCLC	370	5	
NSCLC	704	5	
NSCLC	160	5	JUP
NSCLC	495	5	
NSCLC	313	1	HSPA1A
NSCLC	655	9	
NSCLC	18	8	
NSCLC	138	1	SEC15L2
NSCLC	261	7	
NSCLC	125	9	
NSCLC	522	9	
NSCLC	399	2	
NSCLC	92	5	CKAP4
NSCLC	677	7	
NSCLC	901	3	
NSCLC	391	5	
NSCLC	79	5	C19ORF10
NSCLC	672	3	
NSCLC	840	1	CASK
NSCLC	343	1	
NSCLC	243	4	ADRB2
NSCLC	748	5	
NSCLC	532	3	
NSCLC	280	22	
NSCLC	715	3	PRDX1
NSCLC	395	4	TEAD1
NSCLC	77	17	
NSCLC	725	8	
NSCLC	49	3	
NSCLC	771	7	ITGA5
NSCLC	831	7	BCL3
NSCLC	453	11	SLC1A3
NSCLC	95	7	
NSCLC	505	1	
NSCLC	507	13	TRIM3
NSCLC	386	4	CAMKK1
NSCLC	573	3	DST
NSCLC	737	2	
NSCLC	792	6	EGFR
NSCLC	291	2	
NSCLC	337	1	FGF12
NSCLC	642	7	RBMS1
NSCLC	572	4	BLVRB
NSCLC	173	2	
NSCLC	768	4	
NSCLC	207	3	PLEKHC1
NSCLC	245	9	

NSCLC	454	3	
NSCLC	468	6	
NSCLC	754	9	
NSCLC	300	3	FOSL2
NSCLC	171	4	
NSCLC	583	3	PTK2
NSCLC	899	5	
NSCLC	716	4	
NSCLC	149	12	
NSCLC	931	6	
NSCLC	728	2	IL4R
NSCLC	215	1	
NSCLC	419	1	
NSCLC	11	6	CAV1
NSCLC	487	1	
NSCLC	718	10	CTSD
NSCLC	519	3	IL6ST
NSCLC	305	1	BIRC3
NSCLC	766	2	
NSCLC	605	2	IL13RA1
NSCLC	567	1	
NSCLC	493	19	BF
NSCLC	118	5	KRT8
NSCLC	295	6	COL6A1
NSCLC	525	3	RDX
NSCLC	856	4	
NSCLC	782	5	
NSCLC	511	2	
NSCLC	128	5	
NSCLC	409	4	
NSCLC	383	2	SH3KBP1
NSCLC	662	3	PTRF
NSCLC	774	4	FTL
NSCLC	918	10	
NSCLC	896	4	
NSCLC	685	2	
NSCLC	587	12	DDEF2
NSCLC	80	39	AKR1B1
NSCLC	3	5	ANXA3
NSCLC	87	19	CAV2
NSCLC	76	2	
NSCLC	145	1	FOXD1
NSCLC	8	2	
NSCLC	822	1	
NSCLC	876	2	
NSCLC	346	3	
NSCLC	357	3	
NSCLC	78	2	TFPI
NSCLC	247	15	
NSCLC	485	3	

NSCLC	249	2	
NSCLC	929	2	AP1G2
NSCLC	832	4	
NSCLC	309	3	FGF2
NSCLC	795	7	
NSCLC	304	2	
NSCLC	682	3	FAU
NSCLC	911	6	
NSCLC	781	2	
NSCLC	361	4	DNCH2
OVARIAN	51	37	NMBR
OVARIAN	190	17	
OVARIAN	231	8	JUB
OVARIAN	888	2	
OVARIAN	3	5	ANXA3
OVARIAN	18	8	
OVARIAN	187	8	
OVARIAN	110	4	
OVARIAN	640	24	MEIS1
OVARIAN	7	41	
OVARIAN	442	34	
OVARIAN	378	27	
OVARIAN	892	4	
OVARIAN	542	8	
OVARIAN	772	3	NID2
OVARIAN	99	7	KRT6B
OVARIAN	948	6	KRT5
OVARIAN	279	16	ALCAM
OVARIAN	338	7	NDRG2
OVARIAN	365	2	
OVARIAN	908	10	
OVARIAN	67	30	FSTL1
OVARIAN	560	2	
OVARIAN	204	2	TNFAIP2
OVARIAN	89	6	
OVARIAN	123	13	CYR61
OVARIAN	207	3	PLEKHC1
OVARIAN	505	1	
OVARIAN	151	8	PLK2
OVARIAN	852	10	
OVARIAN	546	3	
OVARIAN	712	8	
OVARIAN	355	4	NEDD9
OVARIAN	96	2	SCHIP1
OVARIAN	639	5	
OVARIAN	148	6	
OVARIAN	177	25	
OVARIAN	475	9	SMARCB1
OVARIAN	221	13	DLG3
OVARIAN	860	1	

OVARIAN	140	11	ARHE
OVARIAN	66	1	
OVARIAN	281	3	
OVARIAN	218	21	CTGF
OVARIAN	280	22	
OVARIAN	366	2	C6ORF108
OVARIAN	607	4	
OVARIAN	31	11	
OVARIAN	403	2	SLC26A2
OVARIAN	517	2	DAPK1
OVARIAN	101	2	S100A4
OVARIAN	235	8	
OVARIAN	436	1	
OVARIAN	647	4	
OVARIAN	632	6	PCSK5
OVARIAN	523	2	ENC1
OVARIAN	792	6	EGFR
OVARIAN	227	5	
OVARIAN	297	3	TJP1
OVARIAN	966	6	
OVARIAN	453	11	SLC1A3
OVARIAN	90	2	CXCL2
OVARIAN	923	6	
OVARIAN	492	6	PTPRM
OVARIAN	376	6	TPM1
OVARIAN	737	2	
OVARIAN	528	4	
OVARIAN	387	6	
OVARIAN	36	46	
OVARIAN	673	7	
OVARIAN	918	10	
OVARIAN	145	1	FOXD1
OVARIAN	698	4	
OVARIAN	249	2	
OVARIAN	568	1	
OVARIAN	201	4	
OVARIAN	192	3	
OVARIAN	57	8	TPD52L1
OVARIAN	571	2	IFITM2
OVARIAN	14	18	
OVARIAN	397	6	
OVARIAN	732	5	
OVARIAN	196	7	
OVARIAN	283	14	
OVARIAN	886	9	
OVARIAN	168	3	
OVARIAN	102	16	MGLL
OVARIAN	300	3	FOSL2
OVARIAN	928	5	
OVARIAN	32	4	TFPI2

OVARIAN	559	1	
OVARIAN	443	9	
OVARIAN	691	5	ABL2
OVARIAN	290	5	
OVARIAN	8	2	
OVARIAN	265	2	
OVARIAN	325	5	
OVARIAN	754	9	
OVARIAN	291	2	
OVARIAN	854	3	
OVARIAN	199	2	
OVARIAN	547	8	
OVARIAN	448	1	PPP4C
OVARIAN	620	8	
OVARIAN	244	2	
OVARIAN	103	2	
OVARIAN	579	3	DBN1
OVARIAN	1000	2	
OVARIAN	175	1	TPD52
OVARIAN	822	1	
OVARIAN	27	2	PLAU
OVARIAN	583	3	PTK2
OVARIAN	351	2	ARF4L
OVARIAN	217	2	
OVARIAN	829	1	KIF1B
OVARIAN	156	1	
OVARIAN	392	1	
OVARIAN	704	5	
OVARIAN	960	6	
OVARIAN	166	18	
OVARIAN	445	5	TCF7L2
OVARIAN	836	10	
OVARIAN	137	1	ITGA3
OVARIAN	361	4	DNCH2
OVARIAN	976	5	
OVARIAN	622	3	
OVARIAN	188	7	LAMB1
OVARIAN	727	8	
OVARIAN	273	6	
OVARIAN	995	5	
OVARIAN	293	5	ETS2
OVARIAN	839	3	NEFL
OVARIAN	294	1	FHL2
OVARIAN	766	2	
OVARIAN	719	7	KCNQ4
OVARIAN	391	5	
OVARIAN	150	4	
OVARIAN	880	1	
OVARIAN	467	1	
OVARIAN	743	3	

OVARIAN	440	6	
OVARIAN	112	12	
OVARIAN	409	4	
OVARIAN	160	5	JUP
OVARIAN	786	3	
OVARIAN	744	6	
OVARIAN	138	1	SEC15L2
OVARIAN	111	6	PEG10
OVARIAN	88	8	
OVARIAN	544	2	
OVARIAN	226	22	
OVARIAN	985	7	
OVARIAN	429	3	F11R
OVARIAN	731	3	KRT14
OVARIAN	685	2	
OVARIAN	688	2	SFRP1
OVARIAN	850	2	
OVARIAN	243	4	ADRB2
OVARIAN	795	7	
OVARIAN	680	2	APOM
OVARIAN	292	5	CAMK2D
OVARIAN	362	2	
OVARIAN	118	5	KRT8
OVARIAN	372	5	CLDN1
OVARIAN	609	6	ANXA5
RENAL	80	39	AKR1B1
RENAL	10	13	
RENAL	151	8	PLK2
RENAL	69	9	NK4
RENAL	327	24	
RENAL	36	46	
RENAL	77	17	
RENAL	34	3	
RENAL	87	19	CAV2
RENAL	85	5	
RENAL	14	18	
RENAL	137	1	ITGA3
RENAL	167	1	MYLK
RENAL	102	16	MGLL
RENAL	11	6	CAV1
RENAL	792	6	EGFR
RENAL	130	3	
RENAL	291	2	
RENAL	308	8	IL6
RENAL	78	2	TFPI
RENAL	507	13	TRIM3
RENAL	230	4	
RENAL	309	3	FGF2
RENAL	527	16	ITGB1
RENAL	3	5	ANXA3

RENAL	991	7	LEPR
RENAL	318	2	
RENAL	177	25	
RENAL	20	2	
RENAL	315	3	
RENAL	46	4	
RENAL	392	1	
RENAL	376	6	TPM1
RENAL	32	4	TFPI2
RENAL	366	2	C6ORF108
RENAL	980	2	
RENAL	231	8	JUB
RENAL	397	6	
RENAL	190	17	
RENAL	269	4	FDPS
RENAL	867	6	CRYZ
RENAL	320	9	
RENAL	27	2	PLAU
RENAL	636	7	
RENAL	632	6	PCSK5
RENAL	261	7	
RENAL	75	3	TNFRSF6
RENAL	704	5	
RENAL	346	3	
RENAL	369	4	
RENAL	26	47	
RENAL	146	3	
RENAL	312	6	PSMD4
RENAL	170	1	CYP24A1
RENAL	566	3	
RENAL	276	3	
RENAL	294	1	FHL2
RENAL	648	6	
RENAL	40	9	CAPG
RENAL	281	3	
RENAL	486	3	ADAM9
RENAL	96	2	SCHIP1
RENAL	921	8	
RENAL	123	13	CYR61
RENAL	305	1	BIRC3
RENAL	204	2	TNFAIP2
RENAL	673	7	
RENAL	563	5	
RENAL	62	4	SPARC
RENAL	300	3	FOSL2
RENAL	879	7	MYH9
RENAL	199	2	
RENAL	521	3	
RENAL	111	6	PEG10
RENAL	50	3	

RENAL	125	9	
RENAL	283	14	
RENAL	242	8	
RENAL	516	8	TBL1X
RENAL	901	3	
RENAL	683	2	
RENAL	405	9	BCAR3
RENAL	147	2	CXCL5
RENAL	325	5	
RENAL	820	1	CITED2
RENAL	854	3	
RENAL	347	2	MET
RENAL	576	2	
RENAL	66	1	
RENAL	279	16	ALCAM
RENAL	56	5	MAP1B
RENAL	251	2	HLA-B
RENAL	567	1	
RENAL	419	1	
RENAL	524	8	
RENAL	620	8	
RENAL	575	1	
RENAL	540	4	GNG12
RENAL	412	6	
RENAL	181	4	
RENAL	390	2	IFIT2
RENAL	211	9	TRIO
RENAL	416	5	SAA1
RENAL	428	5	
RENAL	172	2	LMO4
RENAL	471	3	
RENAL	326	4	
RENAL	432	2	
RENAL	639	5	
RENAL	606	4	
RENAL	273	6	
RENAL	481	3	
RENAL	919	1	CLDN11
RENAL	196	7	
RENAL	90	2	CXCL2
RENAL	379	1	
RENAL	33	5	
RENAL	176	18	
RENAL	696	8	ADCY7
RENAL	353	4	ANXA4
RENAL	981	2	ZNF238
RENAL	495	5	
RENAL	631	8	PRKCE
RENAL	140	11	ARHE
RENAL	593	5	LIPA

RENAL	737	2	
RENAL	13	1	PRKAG1
RENAL	54	14	
RENAL	786	3	
RENAL	124	1	
RENAL	91	3	NR1H3
RENAL	801	6	PRKCA
RENAL	886	9	
RENAL	736	2	
RENAL	188	7	LAMB1
RENAL	192	3	
RENAL	2	1	FN1
RENAL	187	8	
RENAL	17	1	
RENAL	65	3	
RENAL	107	1	NUBP1
RENAL	546	3	
RENAL	626	1	
RENAL	162	7	PFN2
RENAL	105	12	
RENAL	532	3	
RENAL	148	6	
RENAL	510	3	
RENAL	897	5	COPEB
RENAL	108	1	
RENAL	662	3	PTRF
RENAL	798	6	
RENAL	463	4	SNTB2
RENAL	372	5	CLDN1
RENAL	787	6	
RENAL	728	2	IL4R
RENAL	290	5	
RENAL	587	12	DDEF2
RENAL	449	1	
RENAL	474	6	IGFBP7
RENAL	588	1	CSRP2
RENAL	647	4	
RENAL	234	7	ADAM12
RENAL	297	3	TJP1
RENAL	585	1	PSMB8
RENAL	850	2	
RENAL	268	1	
RENAL	207	3	PLEKHC1
RENAL	67	30	FSTL1
RENAL	253	4	
RENAL	898	3	SEMA4B
RENAL	246	1	
RENAL	122	1	
RENAL	345	13	GCA
RENAL	59	26	IL8

RENAL	836	10	
RENAL	410	2	CS
RENAL	840	1	CASK
RENAL	469	16	
RENAL	238	10	DLC1
RENAL	457	6	
RENAL	519	3	IL6ST
RENAL	55	3	SGK
RENAL	351	2	ARF4L
RENAL	79	5	C19ORF10
RENAL	517	2	DAPK1
RENAL	651	2	
RENAL	691	5	ABL2
RENAL	589	1	S100A11
RENAL	23	3	
RENAL	859	4	
RENAL	712	8	
RENAL	666	2	
RENAL	178	8	MYO10
RENAL	873	6	
RENAL	833	4	
RENAL	554	1	
RENAL	57	8	TPD52L1
RENAL	983	2	DNMT3B
RENAL	773	9	
RENAL	874	5	
RENAL	44	18	GJA1
RENAL	250	1	
RENAL	226	22	
RENAL	398	6	
RENAL	8	2	
RENAL	487	1	
RENAL	492	6	PTPRM
RENAL	862	1	SERPIND1
RENAL	314	3	HLA-A
RENAL	455	4	SYNE1
RENAL	450	6	
RENAL	164	5	LGALS3BP
RENAL	16	23	EFEMP1
RENAL	126	13	ITGA6
RENAL	799	6	UBE1L
RENAL	76	2	
RENAL	232	2	
RENAL	605	2	IL13RA1
RENAL	629	3	
RENAL	173	2	
RENAL	520	3	ANXA6
RENAL	802	1	
RENAL	722	4	PLAUR
RENAL	119	6	

RENAL	957	3	
RENAL	705	1	
RENAL	311	1	FLNA
RENAL	885	1	PPP3CA
RENAL	184	7	GTL3
RENAL	679	8	
RENAL	896	4	
RENAL	265	2	
RENAL	333	2	
RENAL	335	1	SERPINA1
RENAL	601	5	
RENAL	356	2	
RENAL	228	21	
RENAL	834	1	
REPRODUCTIVE	72	68	
REPRODUCTIVE	131	20	HBE1
REPRODUCTIVE	430	10	GYPA
REPRODUCTIVE	203	26	
REPRODUCTIVE	473	1	HBA2
REPRODUCTIVE	301	13	
REPRODUCTIVE	633	1	TRIP6
REPRODUCTIVE	270	1	
REPRODUCTIVE	7	41	
REPRODUCTIVE	703	1	M6PR
REPRODUCTIVE	590	2	
REPRODUCTIVE	637	1	NFATC3
REPRODUCTIVE	983	2	DNMT3B
REPRODUCTIVE	866	1	HIST1H2AC
REPRODUCTIVE	776	1	
REPRODUCTIVE	368	1	
REPRODUCTIVE	994	4	
REPRODUCTIVE	127	1	TXNIP
REPRODUCTIVE	267	1	AQP3
REPRODUCTIVE	504	2	TCTEL1
REPRODUCTIVE	922	4	BAIAP1
REPRODUCTIVE	106	2	
REPRODUCTIVE	838	5	
REPRODUCTIVE	961	1	
REPRODUCTIVE	827	6	PIM1
REPRODUCTIVE	996	2	
REPRODUCTIVE	812	4	
REPRODUCTIVE	313	1	HSPA1A
REPRODUCTIVE	57	8	TPD52L1
REPRODUCTIVE	160	5	JUP
REPRODUCTIVE	88	8	
REPRODUCTIVE	433	1	PRKCB1
REPRODUCTIVE	572	4	BLVRB
REPRODUCTIVE	329	1	ANK3
REPRODUCTIVE	118	5	KRT8
REPRODUCTIVE	440	6	

REPRODUCTIVE	193	5	NFIA
REPRODUCTIVE	548	2	
REPRODUCTIVE	31	11	
REPRODUCTIVE	406	4	
REPRODUCTIVE	24	6	
REPRODUCTIVE	462	7	APOC1
REPRODUCTIVE	266	2	PECAM1
REPRODUCTIVE	152	7	
REPRODUCTIVE	223	36	MUC13
REPRODUCTIVE	429	3	F11R
REPRODUCTIVE	415	2	
REPRODUCTIVE	516	8	TBL1X
REPRODUCTIVE	916	1	
REPRODUCTIVE	972	4	IGLL1
REPRODUCTIVE	869	1	
REPRODUCTIVE	472	3	
REPRODUCTIVE	128	5	
REPRODUCTIVE	482	17	HCLS1
REPRODUCTIVE	752	1	
REPRODUCTIVE	592	2	
REPRODUCTIVE	456	2	CREG
REPRODUCTIVE	871	2	
REPRODUCTIVE	915	1	
REPRODUCTIVE	480	4	MYO5B
REPRODUCTIVE	938	2	MOAP1
REPRODUCTIVE	947	17	CHL1
REPRODUCTIVE	513	5	
REPRODUCTIVE	678	1	
REPRODUCTIVE	578	6	
REPRODUCTIVE	419	1	
REPRODUCTIVE	560	2	
REPRODUCTIVE	880	1	