

Supplementary information, Table S1 Differentially expressed genes within the broad region of 1q24 copy number gain

Cytoband	Start	End	Frequency (%)	Type 1	Copy number	Gene symbol	Type 2	Fold change
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC284685	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC646688	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LMX1A	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	PBX1	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	FAM78B	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	RXRG	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	UCK2	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC401975	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	MGST3	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC440700	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC391126	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC401974	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC116123	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LRRC52	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	ALDH9A1	Down	0.66
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	LOC729981	-	-
1q23.3-q24.1	162616201	165028985	43.1	Amplification	3	TMCO1	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	MPZL1	Up	2.17
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	LOC646693	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	C1orf32	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	AKR1D1P	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	DUSP27	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	SAC	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	TADA1L	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	POGK	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	POU2F1	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	GPA33	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	RCSD1	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	CREG1	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	CD247	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	LOC391130	-	-
1q24.1-q24.2	165028985	166069926	44.8	Amplification	3	MAEL	-	-
1q24.2	166069926	166176243	44.8	Amplification	3	IQWD1	-	-
1q24.2	166069926	166176243	44.8	Amplification	3	BRP44	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	MGC12538	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	MIRN557	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	LOC730012	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	RPL34P1	Up	1.76
1q24.2	166182288	166671151	44.8	Amplification	3	TBX19	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	TIPRL	-	-

1q24.2	166182288	166671151	44.8	Amplification	3	LOC730107	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	LOC441914	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	GPR161	-	-
1q24.2	166182288	166671151	44.8	Amplification	3	SFT2D2	-	-
1q24.2	166671151	166697049	44.8	Amplification	3	LOC730016	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	LOC730022	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	XCL2	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	XCL1	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	NME7	Up	1.5
1q24.2	166697049	167391013	44.8	Amplification	3	DPT	Down	0.37
1q24.2	166697049	167391013	44.8	Amplification	3	bA375F2.1	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	LOC391132	-	-
1q24.2	166697049	167391013	44.8	Amplification	3	ATPIB1	Up	1.71
1q24.2	167391013	167654314	44.8	Amplification	3.1	BLZF1	-	-
1q24.2	167654314	167804414	44.8	Amplification	3.1	C1orf114	-	-
1q24.2	167654314	167804414	44.8	Amplification	3.1	SLC19A2	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	SCYL3	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	SELP	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	KIFAP3	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	F5	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	C1orf156	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	SELL	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	SELE	-	-
1q24.2	167804414	168195408	44.8	Amplification	3.1	C1orf112	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	MRPS10P1	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	LOC730132	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	C1orf184	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	SIGLECP14	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	SCYL1BP1	-	-
1q24.2-q24.3	168195408	169101068	44.8	Amplification	3.1	PRRX1	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	FMO1	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	TOP1P1	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	FMO4	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	C1orf129	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	LOC646804	-	-
1q24.3	169101068	169590922	44.8	Amplification	3	FMO2	Down	0.4
1q24.3	169101068	169590922	44.8	Amplification	3	FMO3	Down	0.32
1q24.3	169101068	169590922	44.8	Amplification	3	FMO6	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	KIAA0859	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC391137	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	MYOC	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	FASLG	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	VAMP4	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	MIRN199A2	-	-

1q24.3	169593294	171048849	44.8	Amplification	3	PIGC	Up	2.03
1q24.3	169593294	171048849	44.8	Amplification	3	LOC730048	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC391136	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	BAT2D1	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	C1orf105	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	C1orf9	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	MIRN214	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	DNM3	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC127099	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC730053	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	CYCSP53	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC730138	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC391135	-	-
1q24.3	169593294	171048849	44.8	Amplification	3	LOC441915	-	-

*, Frequency for genes within CNA and fold change for differentially expressed genes among tumors versus adjacent non-tumor tissues. Type 1 for copy number alterations (Amplification or Deletion); Type 2 for differentially expressed genes (Up, Down and no change). RPL34P1 is a pseudogene.