

Transposon	SeqID	Sequence	targeted Cancer gene		Annotation
To12	T12-2	GGTAGGAGTTATCTGAGTCAGGCCTGCCCTTG6CTTG6	SPECC1	cytospin B	
	T121-1	CTCCTGGGTGACCCCTCGCCTGAGCCTCCTGGCCCTTCC	RAB40B	RAB40B, member RAS oncogene family	
	T102-4	GACACAAACACACATGCTATACCTTTGTATTACACT	TCF4	transcription factor 4	
	T124-4	GCGGCTGTCCTCCAGCAACAGGTGCACATTCCCGGGCT	TNK1	tyrosine kinase, non-receptor	
	T130-2	CAAATAAATGAATGTTATGAATTTTTGAGGGTAGGAAA	SEMA3C	sema domain, immunoglobulin domain (Ig), short basic domain	
	T137-3	AAAGAGAGGCCCAATCCTGTGGAGTGAGTCACTGGGGG	ALPL	alkaline phosphatase, liver/bone/kidney	
	T137-4	ATTTTCTGTCTGCTCTTTGGTCACTTCCATTCTTTTT	PARD3	par-3 partitioning defective 3 homolog (C. elegans)	
	T149-2	GTCTCTAAATAAATACGGAAATTAATTAATTCATTAAT	MYST4	MYST histone acetyltransferase (monocytic leukemia) 4	
	T157-4	TTTATTTGCTCTGCACATTATGAAGCATAGTTTGGCAGG	PGR	progesterone receptor	
	T165-1	GAAACCGGCGAAAAGGTTAGCTGTCGCTGGCTAGTATT	RASSF3	Ras association (RalGDS/AF-6) domain family member 3	
	T22-1	TTCCTAAGCTACAATAAACACATATGAAAACTAAAG	HD	huntingtin	
	T26-1	AGCCTGAGTAAATAGTGAGACTCTGTTTCTGCAAAAC	LRP1B	low density lipoprotein-related protein 1B	
	T43-3	TCTGGAAGGTGAGGCAGACGTGCCACCGCCTCCATGC	HLXB9	motor neuron and pancreas homeobox 1	
	T91-4	TTCAGGGGTGTGTTTGAGGGGAATCGCGGCTGCTCT	IHH	Indian hedgehog homolog (Drosophila)	
	TB7-5	AATTTATCCATTTCTTCTAGATTTTCTAGTTTATTTCGC	FKBP1A	FK506 binding protein 1A, 12kDa	
	TB9-2	AGAGGGGCCCGTGCCTTGGAAAGCGTCGCGTTCCGGC	VAV3	vav 3 guanine nucleotide exchange factor	
	TB70-1	GTGCACACACTCACTCTCTCTTTCTCCTTCAGATAATA	FOXP1	forkhead box P1	
	TB77-2	CCCCTCACCTCGGACCCCTTACC6CGACCCCGCGCC	RANBP9	RAN binding protein 9	
	TB81-1	TGCAGTACAGTGC6GGGGGAAAAAACAACAGCAAAAG	EGF	epidermal growth factor (beta-urogastrone)	
piggyBac	B102-2	TTAAATAAAAAAGAACAGATATTTGAAATTG6CTGTTG	GPHN	gephyrin	
	B107-3	TTAATGATCTTTCCATTTCTTTTATTCTTTTCCTAGC	HHEX	hematopoietically expressed homeobox	
	B107-4	TTAAAGGTCCCAAAATAAGTAAAGGGGAAATGCTCAAA	HIPK3	homeodomain interacting protein kinase 3	
	B27-3	TTAATAGAAAGGAAGGACCATTGTTAACATAAATGCT	POU6F2	POU class 6 homeobox 2	
	B38-4	TTAAATAAAAAAGAACAGATATTTGAAATTG6CTGTTG	B38-4	gephyrin	
	B63-1	TTAAGTTTTCAGTGGCTGAAAAGTTGGCAGTCTGAAAAA	ARF4	ADP-ribosylation factor 4	
	B81-1	TTAAGTGCTTTTGGCTGTTTTCCCAAACATCCAGACAT	SMAD5	SMAD family member 5	
	B93-3	TTAATTTCTTTTGCACTTACTCTGTACGCCATTCAATT	SSBP2	single-stranded DNA binding protein 2	