

**Table 2.** Summary of candidate genes flanking proviral insertion sites

Mouse Number	Candidate Gene	Ensembl Gene ID	Gene function	Mouse chromosome	Mouse chromosome position (megabases)	Corresponding human chromosome	Human chromosome position (megabases)
I.2	BCSC-1/LOH11CR2A*	ENSMUSG00000038112	Breast cancer suppressor candidate 1	9	39.81	11	123.5
I.2	Phldb2*	ENSMUSG00000033149	pleckstrin homology-like domain, family B, member 2	16	4.52	3	112.9
I.2	Nfix	ENSMUSG00000001911	ccaat-box binding transcription factor	8	84.31	19	13.0
I.4	Atp9a	ENSMUSG00000027546	ATPase, class II, type 9A	2	168.43	20	49.6
I.4	5830482F20Rik	ENSMUSG000000051735	Splice Isoform 4 of Ras and Rab interactor 3 homolog	7	25.74	19	44.1
I.4	Kif13a/Nup153	ENSMUSG000000021375	Kinesin-like protein Kif13a	13	46.36	6	17.9
I.6	Novel/D930005D10Rik*	ENSMUSG000000029576	RAS INTERACTING 1 RAIN	5	141.41	7	4.8
I.6	Rps29	ENSMUSG000000034892	ribosomal protein	12	63.77	14	48.0
I.7	Ush2a*	ENSMUSG000000026609	extracellular matrix protein	1	189.56	1	213.4
I.8	Stk24	ENSMUSG000000025556	serine/threonine kinase	14	112.63	13	96.8
I.3.1	Runx3	ENSMUSG000000028814	transcription factor	4	132.66	1	24.6
I.3.1	Irf2	ENSMUSG000000031627	transcription factor	8	46.03	4	186.0
I.3.2	Runx3	ENSMUSG000000028814	transcription factor	4	132.66	1	24.6
I.3.2	Hist1h2bf	ENSMUSG000000049652	histone protein	13	21.24	6	26.4
I.3.2	Irf2	ENSMUSG000000031627	transcription factor	8	46.03	4	186.0
I.3.3	Rps29	ENSMUSG000000050719	ribosomal protein	12	63.77	14	48.0
I.8.1	Stk24	ENSMUSG000000025556	serine/threonine kinase	14	112.63	13	96.8
I.8.4.1	Rad51L1	ENSMUST000000079533	recombination repair protein	12	74.51	14	23.0
I.8.4.2	Rad51L1	ENSMUST000000079533	recombination repair protein	12	74.51	14	23.0

\* no LTR sequence detectable (see Materials and Methods)