

Supplementary Dataset S1

Sample (a)	Integration Site (b)				Breakpoint		Nearest Gene (c)					
	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Reference ID	Name	Strand	TxStart	TxEnd
Patient Tumor 06/13	chr1	25504500	3'	+	25504741	241	44266	NM_015484	SYF2	-	25548766	25559013
Patient Tumor 06/13	chr14	39760983	3'	-	39760959	24	Intron	NM_203356	CTAGE5	+	39735501	39820397
Patient Tumor 06/13	chr2	231194355	3'	-	231194276	79	Intron	NM_138402	SP140L	+	231191893	231268445
Patient Tumor 06/13	chr21	47990522	3'	+	47990653	131	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient Tumor 06/13	chr22	39482729	3'	-	39482589	140	Intron	NM_021822	APOBEC3G	+	39473009	39483748
Patient Tumor 06/13	chr3	69106624	3'	+	69106714	90	Intron	NM_003968	UBA3	-	69103880	69129524
Patient Tumor 06/13	chr3	153977380	3'	-	153977360	20	1764	NM_015595	ARHGEF26	+	153839148	153975616
Patient Tumor 06/13	chr5	156589743	3'	+	156589815	72	exon	NM_130899	FAM71B	-	156589343	156593279
Patient Tumor 06/13	chr9	132689272	3'	+	132689371	99	Intron	NM_015033	FNBP1	-	132649465	132805473
Patient Tumor 06/13	UNK (e)	140148	3'	-	140072	76	21368	NR_046235	RNA45S5	+	132597695	132644107
Patient Tumor 06/13	chrX	13041037	3'	-	13040914	123	12698	NM_174901	FAM9C	-	13053735	13062917
Patient Tumor 06/13	chrX	13041037	3'	-	13040948	89	12698	NM_174901	FAM9C	-	13053735	13062917
Patient Tumor 06/13	chrX	41745471	3'	+	41745597	126	Intron	NM_001126054	CASK	-	41374188	41782287
Patient Tumor 06/13	chr1	40664951	5'	+	40665053	102	Intron	NM_012421	RLF	+	40627040	40706593
Patient Tumor 06/13	chr1	83095569	5'	+	83095635	66	637462	NM_012302	LPHN2	+	82266081	82458107
Patient Tumor 06/13	chr1	204763731	5'	-	204763527	204	34050	NM_001160333	NFASC	+	204797781	204991950
Patient Tumor 06/13	chr1	220277733	5'	+	220277988	255	Intron	NM_018060	IARS2	+	220267454	220321383
Patient Tumor 06/13	chr10	85703395	5'	+	85703498	103	195789	NM_014394	GHITM	+	85899184	85913311
Patient Tumor 06/13	chr10	91627165	5'	+	91627467	302	26547	NR_038382	LOC643529	+	91589249	91600618
Patient Tumor 06/13	chr10	116345550	5'	+	116345910	360	Intron	NM_006720	ABLIM1	-	116190866	116444414
Patient Tumor 06/13	chr10	134262955	5'	+	134263036	81	1130	NM_173541	C10orf91	+	134258713	134261825
Patient Tumor 06/13	chr11	64644147	5'	-	64643969	178	Intron	NM_006795	EHD1	-	64620207	64646191
Patient Tumor 06/13	chr11	126305382	5'	-	126305319	63	Intron	NM_032531	KIRREL3	-	126293395	126870766
Patient Tumor 06/13	chr12	98431782	5'	-	98431737	45	42556	NR_036189	MIR4303	-	98389160	98389226
Patient Tumor 06/13	chr13	72610300	5'	+	72610428	128	168970	NM_004392	DACH1	-	72012097	72441330
Patient Tumor 06/13	chr13	79189354	5'	-	79189355	99	4866	NM_024546	RNF219	-	79188420	79233314
Patient Tumor 06/13	chr13	100017923	5'	+	100017958	35	Intron	NR_039765	MIR548AN	-	99868261	100058554
Patient Tumor 06/13	chr15	62305220	5'	+	62305385	165	Intron	NM_017684	VPS13C	-	62144589	62352664
Patient Tumor 06/13	chr15	62305220	5'	+	62305306	86	Intron	NM_017684	VPS13C	-	62144589	62352664
Patient Tumor 06/13	chr15	62305220	5'	+	62305268	48	Intron	NM_017684	VPS13C	-	62144589	62352664
Patient Tumor 06/13	chr15	66070410	5'	-	66070199	211	Intron	NM_001144823	DENND4A	-	65952956	66084631
Patient Tumor 06/13	chr16	4549264	5'	-	4549206	58	Intron	NM_001127206	HMOX2	+	4524718	4560348

Supplementary Dataset S1 (cont.)

Sample (a)	Integration Site (b)				Breakpoint		Nearest Gene (c)					
	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Reference ID	Name	Strand	TxStart	TxEnd
Patient Tumor 06/13	chr16	72876464	5'	+	72876527	63	Intron	NM_006885	ZFX3	-	72816785	73092534
Patient Tumor 06/13	chr17	73357756	5'	-	73357553	203	Intron	NM_002086	GRB2	-	73314156	73401790
Patient Tumor 06/13	chr18	45395268	5'	-	45395091	177	Intron	NM_001135937	SMAD2	-	45359465	45457512
Patient Tumor 06/13	chr18	49856439	5'	+	49856463	24	10102	NM_005215	DCC	+	49866541	51062273
Patient Tumor 06/13	chr19	8367225	5'	-	8366799	426	exon	NM_016579	CD320	-	8367010	8373240
Patient Tumor 06/13	chr19	15523958	5'	-	15523886	72	Intron	NM_014371	AKAP9L	-	15490858	15529833
Patient Tumor 06/13	chr19	47268280	5'	+	47268409	129	6448	NM_024301	FKRP	+	47249302	47261832
Patient Tumor 06/13	chr2	32318738	5'	+	32318811	73	Intron	NM_014946	SPAST	+	32288679	32382706
Patient Tumor 06/13	chr2	53864108	5'	-	53864038	70	33008	NM_001201965	ASB3	-	53897116	54014146
Patient Tumor 06/13	chr2	70326855	5'	-	70326764	91	10521	NM_006196	PCBP1	+	70314584	70316334
Patient Tumor 06/13	chr2	134529427	5'	+	134529521	94	203986	NM_207481	NCKAP5	-	133429371	134326031
Patient Tumor 06/13	chr20	38497950	5'	-	38497881	69	644559	NR_027124	LOC339568	-	37842423	37853391
Patient Tumor 06/13	chr21	36190940	5'	+	36190991	51	Intron	NM_001754	RUNX1	-	36160097	36209987
Patient Tumor 06/13	chr21	47990527	5'	-	47990198	329	14095	NM_001146116	DIP2A	+	47878861	47976432
Patient Tumor 06/13	chr22	43600178	5'	-	43600120	58	Intron	NM_173050	SCUBE1	-	43599228	43739394
Patient Tumor 06/13	chr22	49888230	5'	-	49887975	255	125059	NR_026997	C22orf34	-	50013289	50051190
Patient Tumor 06/13	chr3	36434781	5'	+	36434858	77	Intron	NM_003149	STAC	+	36422096	36589496
Patient Tumor 06/13	chr4	89895958	5'	-	89895888	70	138009	NM_145715	TIGD2	+	90033967	90036052
Patient Tumor 06/13	chr4	96160049	5'	+	96160107	58	Intron	NM_003728	UNC5C	-	96083655	96470361
Patient Tumor 06/13	chr4	143123675	5'	-	143123517	158	Intron	NM_001101689	INPP4B	-	142949181	143787804
Patient Tumor 06/13	chr4	180821037	5'	-	180820920	117	1164205	NR_033918	NCRNA00290	-	181985242	182080302
Patient Tumor 06/13	chr4	188362725	5'	-	188362570	155	Intron	NR_038931	LOC339975	-	188225236	188426767
Patient Tumor 06/13	chr5	82592099	5'	+	82592208	109	Intron	NM_022550	XRCC4	+	82373316	82649579
Patient Tumor 06/13	chr6	90882203	5'	+	90882278	75	Intron	NM_021813	BACH2	-	90636246	91006627
Patient Tumor 06/13	chr8	50648093	5'	-	50647956	137	176503	NM_018967	SNTG1	+	50824596	51705427
Patient Tumor 06/13	chr8	64918110	5'	+	64918254	144	220056	NR_038875	LOC286184	+	64681987	64698054
Patient Tumor 06/13	chr8	81076395	5'	-	81076371	24	83385	NM_005079	TPD52	-	80947104	80993010
Patient Tumor 06/13	chr9	73311794	5'	-	73311597	197	Intron	NM_208945	TRPM3	-	73149965	73483974
Patient Tumor 06/13	chr9	132613310	5'	-	132613165	145	Intron	NM_006676	USP20	+	132597895	132644107
Patient Tumor 06/13	UNK	140143	5'	+	140392	249	21368	NR_046235	RNA45S5	-	132589563	132597572
Patient Tumor 06/13	UNK	8306	5'	+	8529	223	0	NA	NA	-	132589563	132597572
Patient Tumor 06/13	UNK	8306	5'	+	8492	186	0	NA	NA	-	132589563	132597572

Supplementary Dataset S1 (cont.)

Sample (a)	Integration Site (b)				Breakpoint		Nearest Gene (c)					
	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Reference ID	Name	Strand	TxStart	TxEnd
Patient Tumor 06/13	UNK	8306	5'	+	8459	153	0	NA	NA	-	132589563	132597572
Patient Tumor 06/13	UNK	8306	5'	+	8435	129	0	NA	NA	-	132589563	132597572
Patient Tumor 06/13	chrX	13041032	5'	+	13041117	85	12703	NM_174901	FAM9C	-	13053735	13062917
Patient PBMC 04/08	chr1	17702850	3'	+	17702886	36	Intron	NM_207421	PADI6	+	17698740	17728195
Patient PBMC 04/08	chr1	52956520	3'	+	52956574	54	Intron	NM_015269	ZCCHC11	-	52888947	53018762
Patient PBMC 04/08	chr1	111197105	3'	-	111196896	209	17204	NM_002232	KCNA3	-	111214309	111217655
Patient PBMC 04/08	chr1	111714564	3'	+	111714695	131	Intron	NM_001007794	CEPT1	+	111682248	111727724
Patient PBMC 04/08	chr1	150057641	3'	+	150057689	48	Intron	NM_007259	VPS45	+	150039341	150117505
Patient PBMC 04/08	chr1	151387473	3'	-	151387216	257	Intron	NM_207171	POGZ	-	151375199	151431941
Patient PBMC 04/08	chr1	172318825	3'	-	172318765	60	Intron	NM_015569	DNM3	+	171810620	172381857
Patient PBMC 04/08	chr1	198506789	3'	-	198506603	186	Intron	NM_133262	ATP6V1G3	-	198492351	198510075
Patient PBMC 04/08	chr1	198506789	3'	-	198506633	156	Intron	NM_133262	ATP6V1G3	-	198492351	198510075
Patient PBMC 04/08	chr1	198506789	3'	-	198506732	57	Intron	NM_133262	ATP6V1G3	-	198492351	198510075
Patient PBMC 04/08	chr1	236003221	3'	-	236003162	59	Intron	NM_000081	LYST	-	235824344	236030220
Patient PBMC 04/08	chr1	236003221	3'	-	236003176	45	Intron	NM_000081	LYST	-	235824344	236030220
Patient PBMC 04/08	chr1	236003221	3'	-	236003197	24	Intron	NM_000081	LYST	-	235824344	236030220
Patient PBMC 04/08	chr11	1311385	3'	+	1311541	156	Intron	NM_019009	TOLLIP	-	1295597	1330892
Patient PBMC 04/08	chr11	1311385	3'	+	1311458	73	Intron	NM_019009	TOLLIP	-	1295597	1330892
Patient PBMC 04/08	chr12	124080558	3'	-	124080423	135	Intron	NM_006815	TMED2	+	124069075	124082688
Patient PBMC 04/08	chr12	124080558	3'	-	124080488	72	Intron	NM_006815	TMED2	+	124069075	124082688
Patient PBMC 04/08	chr13	108927255	3'	+	108927349	94	Intron	NM_001145645	TNFSF13B	+	108921976	108960832
Patient PBMC 04/08	chr13	108927255	3'	+	108927312	57	Intron	NM_001145645	TNFSF13B	+	108921976	108960832
Patient PBMC 04/08	chr14	70206617	3'	+	70206715	98	24382	NR_029378	LOC100289511	-	70232999	70234430
Patient PBMC 04/08	chr15	44962782	3'	-	44962703	79	Intron	NM_001145112	PATL2	-	44957929	44969086
Patient PBMC 04/08	chr16	2308799	3'	-	2308725	74	Intron	NM_006711	RNPS1	-	2303099	2318413
Patient PBMC 04/08	chr16	28582441	3'	+	28582485	44	Intron	NM_138414	CCDC101	+	28565248	28603111
Patient PBMC 04/08	chr16	68133605	3'	-	68133498	107	Intron	NM_173163	NFATC3	+	68119268	68263162
Patient PBMC 04/08	chr16	68133605	3'	-	68133537	68	Intron	NM_173163	NFATC3	+	68119268	68263162
Patient PBMC 04/08	chr17	5239665	3'	+	5239693	28	Intron	NM_001083585	RABEP1	+	5185557	5289132
Patient PBMC 04/08	chr17	27766731	3'	+	27766888	157	Intron	NM_020791	TAOK1	+	27717942	27878921
Patient PBMC 04/08	chr17	38753624	3'	+	38753894	270	30351	NM_003079	SMARCE1	-	38783975	38804103
Patient PBMC 04/08	chr17	46483325	3'	+	46483399	74	Intron	NM_003726	SKAP1	-	46210801	46507594

Supplementary Dataset S1 (cont.)

Sample (a)	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Nearest Gene (c)				
								Reference ID	Name	Strand	TxStart	TxEnd
Patient PBMC 04/08	chr17	65863078	3'	-	65862924	154	Intron	NM_004459	BPTF	+	65821779	65904494
Patient PBMC 04/08	chr17	79800929	3'	+	79801094	165	104	NM_000918	P4HB	-	79801033	79818544
Patient PBMC 04/08	chr17	79800929	3'	+	79801043	114	104	NM_000918	P4HB	-	79801033	79818544
Patient PBMC 04/08	chr18	44895083	3'	+	44895135	52	Intron	NM_016097	IEF3IP1	-	44881412	44702745
Patient PBMC 04/08	chr19	10317380	3'	-	10317279	101	11625	NM_001379	DNMT1	-	10244021	10305755
Patient PBMC 04/08	chr19	37114133	3'	-	37113831	302	Intron	NM_032825	ZNF382	+	37096220	37119499
Patient PBMC 04/08	chr19	58267510	3'	+	58267621	111	exon	NM_173632	ZNF776	+	58258163	58269527
Patient PBMC 04/08	chr2	98449694	3'	-	98449577	117	Intron	NM_015348	TMEM131	-	98372800	98612354
Patient PBMC 04/08	chr2	160130185	3'	+	160130312	127	Intron	NM_001128213	WDSUB1	-	160092303	160143236
Patient PBMC 04/08	chr21	47191761	3'	-	47191480	271	55993	NR_038876	LOC100129027	-	47247754	47256333
Patient PBMC 04/08	chr21	47990522	3'	+	47990755	233	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient PBMC 04/08	chr21	47990522	3'	+	47990733	211	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient PBMC 04/08	chr21	47990522	3'	+	47990703	181	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient PBMC 04/08	chr21	47990522	3'	+	47990582	60	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient PBMC 04/08	chr21	47990522	3'	+	47990579	57	14090	NM_001146116	DIP2A	+	47878861	47976432
Patient PBMC 04/08	chr22	41177512	3'	-	41177200	312	Intron	NM_006358	SLC25A17	-	41165638	41215392
Patient PBMC 04/08	chr22	42249639	3'	-	42249542	97	Intron	NM_004599	SREBF2	+	42229105	42302375
Patient PBMC 04/08	chr22	50255944	3'	+	50256133	189	Intron	NM_014838	ZBED4	+	50247496	50283726
Patient PBMC 04/08	chr22	50298649	3'	-	50298541	108	Intron	NM_024105	ALG12	-	50298853	50312106
Patient PBMC 04/08	chr22	50298649	3'	-	50298550	99	Intron	NM_024105	ALG12	-	50298853	50312106
Patient PBMC 04/08	chr3	48965866	3'	-	48965533	333	Intron	NM_006321	ARIH2	+	48956280	49022971
Patient PBMC 04/08	chr3	48965866	3'	-	48965823	43	Intron	NM_006321	ARIH2	+	48956280	49022971
Patient PBMC 04/08	chr3	48965866	3'	-	48965826	40	Intron	NM_006321	ARIH2	+	48956280	49022971
Patient PBMC 04/08	chr3	48965866	3'	-	48965829	37	Intron	NM_006321	ARIH2	+	48956280	49022971
Patient PBMC 04/08	chr3	51434782	3'	-	51434748	34	Intron	NM_001171904	VPRBP	-	51433297	51534018
Patient PBMC 04/08	chr3	153038908	3'	-	153038617	291	152645	NM_002888	RAP2B	+	152880028	152886263
Patient PBMC 04/08	chr4	24550456	3'	-	24550413	43	Intron	NM_001358	DHX15	-	24529087	24586184
Patient PBMC 04/08	chr4	147393213	3'	+	147393281	68	Intron	NM_001029998	SLC10A7	-	147175136	147443123
Patient PBMC 04/08	chr5	94877080	3'	+	94877106	26	exon	NM_014639	TTC37	-	94799598	94890709
Patient PBMC 04/08	chr6	26129407	3'	+	26129506	99	4489	NM_003512	HIST1H2AC	+	26124372	26124918
Patient PBMC 04/08	chr7	139756502	3'	+	139756529	27	Intron	NM_022750	PARP12	-	139723548	139763521
Patient PBMC 04/08	chr7	150318109	3'	+	150318329	220	4354	NR_024115	GIMAP6	-	150322463	150329680

Supplementary Dataset S1 (cont.)

Sample (a)	Integration Site (b)				Breakpoint		Nearest Gene (c)					
	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Reference ID	Name	Strand	TxStart	TxEnd
Patient PBMC 04/08	chr7	150318109	3'	+	150318204	95	4354	NR_024115	GIMAP6	-	150322463	150329680
Patient PBMC 04/08	chr7	150318109	3'	+	150318151	42	4354	NR_024115	GIMAP6	-	150322463	150329680
Patient PBMC 04/08	chr8	126012090	3'	+	126012268	178	Intron	NM_003129	SOLE	+	126010719	126034525
Patient PBMC 04/08	chr9	78356755	3'	-	78356735	20	18011	NR_031679	MIR548H3	-	78118511	78338744
Patient PBMC 04/08	chr9	110250443	3'	+	110251300	857	exon	NM_004235	KLF4	-	110247132	110252047
Patient PBMC 04/08	chr9	128560810	3'	-	128560739	71	Intron	NM_006195	PBX3	+	128509616	128729655
Patient PBMC 04/08	chr9	132186452	3'	-	132186350	102	64486	NR_038955	LOC100506190	+	132250938	132275965
Patient PBMC 02/04	chr1	25303117	3'	+	25303241	124	11616	NM_004350	RUNX3	-	25226001	25291501
Patient PBMC 02/04	chr1	45282611	3'	+	45282712	101	2810	NM_001136537	BTBD19	+	45274153	45279801
Patient PBMC 02/04	chr1	529566520	3'	+	52956618	98	Intron	NM_015269	ZCCHC11	-	52888947	53018762
Patient PBMC 02/04	chr1	151015406	3'	+	151015587	181	Intron	NM_138278	BNIP1	+	151009028	151020076
Patient PBMC 02/04	chr1	198506789	3'	-	198506638	151	Intron	NM_133262	ATP6V1G3	-	198492351	198510075
Patient PBMC 02/04	chr1	223984623	3'	+	223984754	131	9537	NM_017982	SUSD4	-	223394160	223537544
Patient PBMC 02/04	chr1	236003221	3'	-	236003186	35	Intron	NM_000081	LYST	-	235824344	236030220
Patient PBMC 02/04	chr11	63617661	3'	-	63617399	262	Intron	NM_001163296	MARK2	+	63606399	63678492
Patient PBMC 02/04	chr11	71744577	3'	-	71744258	319	Intron	NM_006185	NUMA1	-	71713910	71791573
Patient PBMC 02/04	chr11	116791966	3'	-	116791207	159	Intron	NM_025164	SIK3	-	116714117	116968993
Patient PBMC 02/04	chr11	119105544	3'	-	119105482	62	Intron	NM_005188	CBL	+	119078989	119178859
Patient PBMC 02/04	chr12	112031796	3'	-	112031764	32	Intron	NM_002973	ATXN2	-	111890017	112037480
Patient PBMC 02/04	chr12	124080558	3'	-	124080401	157	Intron	NM_006815	TMED2	+	124069075	124082688
Patient PBMC 02/04	chr12	124207864	3'	+	124207949	85	Intron	NM_012463	ATP6V0A2	+	124196864	124246301
Patient PBMC 02/04	chr14	23005013	3'	-	23004985	28	28793	NM_001944	DAD1	-	23033806	23058143
Patient PBMC 02/04	chr14	64174664	3'	+	64174730	66	Intron	NM_030791	SGPP1	-	64150934	64194756
Patient PBMC 02/04	chr14	64174669	3'	-	64174570	99	Intron	NM_030791	SGPP1	-	64150934	64194756
Patient PBMC 02/04	chr15	43399689	3'	+	43399776	87	1403	NM_174916	UBR1	-	43235097	43398286
Patient PBMC 02/04	chr15	44962782	3'	-	44962637	145	Intron	NM_001145112	PATL2	-	44857929	44969086
Patient PBMC 02/04	chr15	44962782	3'	-	44962644	138	Intron	NM_001145112	PATL2	-	44857929	44969086
Patient PBMC 02/04	chr16	3892030	3'	+	3892059	29	Intron	NM_004380	CREBBP	-	3775055	3930121
Patient PBMC 02/04	chr16	56952620	3'	-	56952599	21	2858	NM_001126107	SLC12A3	+	56899118	56949762
Patient PBMC 02/04	chr17	7353706	3'	+	7353833	127	Intron	NM_000747	CHRN3	+	7348405	7360932
Patient PBMC 02/04	chr17	78734928	3'	+	78735022	94	Intron	NM_020761	RPTOR	+	78518624	78940173
Patient PBMC 02/04	chr17	79800929	3'	+	79801112	183	104	NM_000918	P4HB	-	79801033	79818544

Supplementary Dataset S1

Sample (a)	Integration Site (b)				Breakpoint		Nearest Gene (c)					
	chr	Site	LTR	Strand	Site	Distance	Intron/Exon/ Distance (d)	Reference ID	Name	Strand	TxStart	TxEnd
Patient PBMC 02/04	chr19	1184955	3'	+	1185051	96	10673	NM_001100122	SGND2	-	1107832	1174282
Patient PBMC 02/04	chr19	10554102	3'	+	10554221	119	Intron	NM_001243121	PDE4A	+	10527448	10580307
Patient PBMC 02/04	chr19	14599936	3'	+	14600024	88	exon	NM_001148693	LOC100130932	+	14599757	14600690
Patient PBMC 02/04	chr19	39094745	3'	+	39094883	138	Intron	NM_007161	MAP4K1	-	39078280	39108643
Patient PBMC 02/04	chr19	48749292	3'	+	48749432	140	Intron	NM_014959	CARD8	-	48711342	48759203
Patient PBMC 02/04	chr19	51912805	3'	+	51912977	172	469	NM_001171160	SIGLEC10	-	51913274	51921057
Patient PBMC 02/04	chr19	58267510	3'	+	58267657	147	exon	NM_173632	ZNF776	+	58258163	58269527
Patient PBMC 02/04	chr2	64433833	3'	+	64433901	68	1214	NR_033837	NCRNA00309	-	64412212	64432619
Patient PBMC 02/04	chr2	64433833	3'	+	64433995	62	1214	NR_033837	NCRNA00309	-	64412212	64432619
Patient PBMC 02/04	chr22	21196634	3'	+	21196794	160	Intron	NM_002650	PI4KA	-	21061978	21213070
Patient PBMC 02/04	chr22	30312710	3'	-	30312612	98	Intron	NM_021090	MTMR3	+	30279157	30426857
Patient PBMC 02/04	chr3	14229514	3'	+	14229608	94	Intron	NM_014463	LSM3	+	14220227	14239869
Patient PBMC 02/04	chr4	39411125	3'	+	39411204	79	Intron	NM_175737	KLB	+	39408472	39453153
Patient PBMC 02/04	chr4	147393213	3'	+	147393517	304	Intron	NM_001029998	SLC10A7	-	147175136	147443123
Patient PBMC 02/04	chr4	147393213	3'	+	147393298	85	Intron	NM_001029998	SLC10A7	-	147175136	147443123
Patient PBMC 02/04	chr5	102500747	3'	-	102500492	255	Intron	NM_015216	PPIP5K2	+	102465256	102538909
Patient PBMC 02/04	chr6	37920272	3'	-	37920235	37	Intron	NM_021943	ZFAND3	+	37787306	38122399
Patient PBMC 02/04	chr6	131163368	3'	-	131163230	138	Intron	NM_001431	EPB41L2	-	131160487	131291623
Patient PBMC 02/04	chr6	139270272	3'	-	139269828	444	Intron	NM_031922	REPS1	-	139225619	139309398
Patient PBMC 02/04	chr7	79160797	3'	-	79160768	29	80273	NR_038345	LOC100505881	+	79082272	79100524
Patient PBMC 02/04	chr7	98967688	3'	-	98967580	108	3803	NM_006409	ARPC1A	+	98923495	98963885
Patient PBMC 02/04	chr7	129586454	3'	+	129586608	154	Intron	NM_001202498	UBE2H	-	129470572	129592900
Patient PBMC 02/04	chr7	139756502	3'	+	139756551	49	Intron	NM_022750	PARP12	-	139723548	139763521
Patient PBMC 02/04	chr7	139756502	3'	+	139756545	43	Intron	NM_022750	PARP12	-	139723548	139763521
Patient PBMC 02/04	chr9	97545951	3'	+	97545973	22	Intron	NM_032823	C9orf3	+	97488950	97849500
Patient PBMC 02/04	chr9	110250443	3'	+	110250477	34	exon	NM_004235	KLF4	-	110247132	110252047
Patient PBMC 02/04	chr9	130827432	3'	-	130827348	84	Intron	NM_197956	NAIF1	-	130823511	130829599
Patient PBMC 02/04	chr9	131244483	3'	+	131244582	99	Intron	NM_153436	ODF2	+	131217433	131257119

(a) Source and date (month/year) of sample

(b) Note that 5' and 3' LTRs at the same site differ by 5 bases

(c) from hg19

(d) If not in gene, shows distance to the nearest gene

(e) Unknown. These sequences could not be mapped because they were present multiple times in the genome highlight denotes AMBI-1 integrant.

