PatID	Fusion_partner1	Fusion_partner2	Coordinate1(hg19)	Coordinate2	Direction	Repeat	SelfChain	Type	Strand	Spanning_nR	Encompassing_nR	Total_nR	Spanning_R	Spanning_Score	isoform junctions*
H2228	ENSG00000102781(KATNAL1)	ENSG00000123200(ZC3H13)	chr13:30881466	chr13:46563233	->->	NN	NN	Intra_C	st_sing	20(20+10)	15	35	26	13.3	
	ENSG00000023318(ERP44)	ENSG00000227531(RP11-202G18.1)	chr9:102861065	chr9:113995851	-><-	NN	NN	Intra_C	st_both	26(26+4)	4	30	146	19.7	chr9:102861063-chr9:113941883(9:0:9:21:6.5);chr9:102861
	ENSG00000139668(WDFY2)	ENSG00000189403(HMGB1)	chr13:52249381	chr13:31150761	-><-	NN	NN	Intra_C	st_sing	13(13+10)	16	29	21	9.4	
	ENSG00000171094(ALK)	ENSG00000070159(PTPN3)	chr2:29497965	chr9:112219681	->->	NN	NN	Inter_C	st_both	12(12+5)	6	18	22	8.2	
	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42491871	chr2:29446396	->->	NN	NN	Intra_C	st_sing	5(5+8)	10	15	6	2.5	
	ENSG00000070159(PTPN3)	ENSG00000198121(LPAR1)	chr9:112165791	chr9:113795177	->->	NN	NN	Intra_C	st_sing	10(10+11)	0	10	26	5.2	
	ENSG00000197157(SND1)	ENSG00000001626(CFTR)	chr7:127631109	chr7:117267574	->->	NN	CN	Intra_C	st_both	6(6+4)	3	9	7	3.5	
	ENSG00000070159(PTPN3)	ENSG00000080819(CPOX)	chr9:112166728	chr3:98309897	-><-	NN	NN	Inter_C	st_sing	7(7+11)	0	7	7	4.5	
	ENSG00000057019(DCBLD2)	ENSG00000145087(STXBP5L)	chr3:98526922	chr3:121037319	->->	NN	NN	Intra_C	st_both	5(5+2)	2	7	7	3.3	
	ENSG00000080819(CPOX)	ENSG00000198121(LPAR1)	chr3:98304574	chr9:113795116	-><-	NN	NN	Inter_C	st_sing	6(6+1)	0	6	15	5.2	
H3122	ENSG00000115904(SOS1)	ENSG00000138031(ADCY3)	chr2:39278285	chr2:25095590	->->	NN	NN	Intra_C	st_sing	23(23+0)	0	23	28	13.1	
	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42522660	chr2:29446396	->->	NN	NN	Intra_C	st_sing	23(23+2)	0	23	30	12.4	
S00006	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42552694	chr2:29446394	->->	NN	NN	Intra_C	st_sing	15(15+4)	4	19	24	8.8	
	ENSG00000169499(PLEKHA2)	ENSG00000165046(LETM2)	chr8:38793569	chr8:38257787	->->	NN	NN	Intra_C	st_sing	14(14+2)	4	18	17	8.2	
	ENSG00000187239(FNBP1)	ENSG00000224307(RP11-344B5.2)	chr9:132686122	chr9:132045208	->->	NN	NN	Intra_C	st_sing	5(5+0)	0	5	8	2.6	
S01122	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42528529	chr2:29447173	->->	NR	NN	Intra_C	st_both	32(32+6)	19	51	56	19.7	chr2:42522660-chr2:29446396(30:6:36:43:17.1)
	ENSG00000152767(FARP1)	ENSG00000088386(SLC15A1)	chr13:98795747	chr13:99374159	->->	NN	NN	Intra_C	st_sing	34(34+8)	0	34	53	23.1	chr13:98795747-chr13:99376287(6:0:6:7:4)
	ENSG00000139835(GRTP1)	ENSG00000176788(BASP1)	chr13:114018077	chr5:17275314	->->	NN	NN	Inter_C	st_sing	30(30+6)	0	30	42	19.7	chr13:114009638-chr5:17275314(5:5:10:5:2.6)
	ENSG00000168283(BMI1)	ENSG00000136754(ABI1)	chr10:22610625	chr10:27040713	->->	NN	NC	Intra_C	st_sing	15(15+3)	4	19	22	10.1	
	ENSG00000153395(LPCAT1)	ENSG00000078295(ADCY2)	chr5:1523825	chr5:7766797	->->	NN	CN	Intra_C	st_sing	15(15+1)	3	18	16	9.6	
	ENSG00000145555(MYO10)	ENSG00000179399(GPC5)	chr5:16681418	chr13:92797081	->->	NN	NN	Inter_C	st_sing	12(12+0)	0	12	13	8.6	
	ENSG00000102606(ARHGEF7)	ENSG00000188818(ZDHHC11)	chr13:111896643	chr5:843839	->->	NN	NC	Inter_C	st_sing	10(10+1)	2	12	11	6.3	
	ENSG00000130177(CDC16)	ENSG00000248118(RP11-121L11.1)	chr13:115004503	chr5:3422736	->->	NN	NN	Inter_C	st_sing	10(10+1)	1	11	12	5.7	
S01124	ENSG00000145495(MARCH6)	ENSG00000037474(NSUN2)	chr5:10430140	chr5:6620411	->->	NN	NN	Intra_C	st_sing	61(61+20)	0	61	214	36.9	chr5:10430141-chr5:6620449(5:0:5:6:3.3)
	ENSG00000130699(TAF4)	ENSG00000149657(LSM14B)	chr20:60639507	chr20:60706410	->->	NN	NN	Read_Th	st_sing	11(11+1)	0	11	11	6.6	
	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42522660	chr2:29446396	->->	NN	NN	Intra_C	st_sing	2(2+1)	3	5	3	1.1	
S01320	ENSG00000172264(MACROD2)	ENSG00000179242(CDH4)	chr20:15480492	chr20:60318617	->->	NN	NN	Intra_C	st_sing	21(21+4)	4	25	30	13.5	
	ENSG00000143924(EML4)	ENSG00000171094(ALK)	chr2:42522660	chr2:29446396	->->	NN	NN	Intra_C	st_sing	20(20+7)	4	24	30	11.9	
	ENSG00000112137(PHACTR1)	ENSG00000188158(NHS)	chr6:13268068	chrX:17710588	-><-	NN	NC	Inter_C	st_sing	18(18+3)	5	23	29	12.1	
	ENSG00000120798(NR2C1)	ENSG00000127329(PTPRB)	chr12:95467156	chr12:71003120	->->	NN	CN	Intra_C	st_sing	16(16+3)	3	19	24	9.2	
	ENSG00000152518(ZFP36L2)	ENSG00000230448(LINC00276)	chr2:43450557	chr2:14469890	->->	NN	NN	Intra_C	st_both	15(15+4)	3	18	24	9.2	chr2:43453404-chr2:14457229(7:0:7:7:4.3)
	ENSG00000125450(NUP85)	ENSG00000147257(GPC3)	chr17:73230883	chrX:132670325	->->	NN	NN	Inter_C	st_sing	12(12+1)	2	14	17	7.4	
	ENSG00000001631(KRIT1)	ENSG00000187391(MAGI2)	chr7:91855033	chr7:78256555	->->	NN	CN	Intra_C	st_sing	3(3+2)	2	5	3	1.8	

*Isoform junctions: different breakpoints involving the same gene fusion. Shown in chromosome coordinate 1 - chromosome coordinate 2.
The number in the parenthesis indicate the supporting reads (Spanning_nR:Encompassing_NR:Total_nR:Spanning_R:Spanning_Score) seperated by colons.