

## RNA Amplicon Coverage by Focus Panel

### Expression Controls

Target ID	Target Type	Gene	Transcript	Exons
T00136	ExpressionControl	TBP	ENST00000392092	3,4
T00172	ExpressionControl	MYC	ENST00000377970	2,3
T00216	ExpressionControl	HMBS	ENST00000537841	8,9
T00230	ExpressionControl	LRP1	ENST00000243077	57,58
T00229	ExpressionControl	ITGB7	ENST00000267082	14

### Transcripts used to determine Putative Fusions (3'/5' imbalance)

Target ID	Target Type	Gene	Transcript	Exons
T00032	Balance5p3p	ALK	ENST00000389048	5,6
T00030	Balance5p3p	ALK	ENST00000389048	25,26
T00011	Balance5p3p	NTRK1	ENST00000392302	2,3,4
T00012	Balance5p3p	NTRK1	ENST00000392302	16,17
T00190	Balance5p3p	RET	ENST00000340058	6,7
T00191	Balance5p3p	RET	ENST00000340058	18,19
T00129	Balance5p3p	ROS1	ENST00000368508	11,12
T00128	Balance5p3p	ROS1	ENST00000368508	38,39

### Specific gene fusions targeted

Target ID	Target Type	Fusion Genes	Fusion Transcripts	Exons
<b>ALK</b>				
T00222	Fusion	A2M ALK	ENST00000318602 ENST00000389048	21,22 19
T00064	Fusion	ACTG2 ALK	ENST00000345517 ENST00000389048	2 18
T00071	Fusion	ATIC ALK	ENST00000236959 ENST00000389048	7 20
T00027	Fusion	C2orf44 ALK	ENST00000295148 ENST00000389048	4 20
T00215	Fusion	CARS ALK	ENST00000397111 ENST00000389048	17 20
T00029	Fusion	CLIP4 ALK	ENST00000320081 ENST00000389048	12 23
T00249	Fusion	CLTC ALK	ENST00000269122 ENST00000389048	31 20
T00065	Fusion	DCTN1 ALK	ENST00000361874 ENST00000389048	26 20
T00045	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	13 20
T00046	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	13 20
T00047	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	13 20
T00048	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14 20
T00049	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14 20
T00050	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14 20
T00051	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14 20
T00052	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14 20
T00053	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	14,15 20
T00054	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	17 20
T00055	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	17 20
T00056	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	17 20
T00057	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	17 20
T00058	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	17 20
T00039	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	18 20
T00059	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	18 20
T00035	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	2 20
T00036	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	2 20
T00060	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	20 20
T00061	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	20 20
T00062	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	21 20

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T00037	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	3 20
T00042	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	5,6 17
T00041	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	5,6 18
T00040	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	5,6 19
T00038	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	5,6 20
T00043	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	6 20
T00044	Fusion	EML4 ALK	ENST00000318522 ENST00000389048	7 20
T00141	Fusion	GTF2IRD1 ALK	ENST00000424337 ENST00000389048	7 20
T00143	Fusion	HIP1 ALK	ENST00000336926 ENST00000389048	21 20
T00142	Fusion	HIP1 ALK	ENST00000336926 ENST00000389048	28 20
T00186	Fusion	KIF5B ALK	ENST00000302418 ENST00000389048	15 20
T00187	Fusion	KIF5B ALK	ENST00000302418 ENST00000389048	15 20
T00184	Fusion	KIF5B ALK	ENST00000302418 ENST00000389048	17 20
T00179	Fusion	KIF5B ALK	ENST00000302418 ENST00000389048	24 20
T00237	Fusion	KLC1 ALK	ENST00000389744 ENST00000389048	9 20
T00033	Fusion	MEMO1 ALK	ENST00000295065 ENST00000389048	2 7
T00028	Fusion	NCOA1 ALK	ENST00000348332 ENST00000389048	21 1
T00251	Fusion	PRKAR1A ALK	ENST00000392711 ENST00000389048	2 20,21
T00066	Fusion	RANBP2 ALK	ENST00000283195 ENST00000389048	18 20
T00114	Fusion	SEC31L1_SEC31A ALK	ENST00000448323 ENST00000389048	21 20
T00113	Fusion	SEC31L1_SEC31A ALK	ENST00000448323 ENST00000389048	22 20
T00063	Fusion	SMEK2 ALK	ENST00000272313 ENST00000389048	9 2
T00034	Fusion	STRN ALK	ENST00000263918 ENST00000389048	2,3 20
T00072	Fusion	TFG ALK	ENST00000240851 ENST00000389048	4 20
T00074	Fusion	TFG ALK	ENST00000240851 ENST00000389048	5 20
T00077	Fusion	TFG ALK	ENST00000240851 ENST00000389048	6 20
T00239	Fusion	TPM1 ALK	ENST00000288398 ENST00000389048	8 20
T00006	Fusion	TPM3 ALK	ENST00000368533 ENST00000389048	7 20
T00255	Fusion	TPM4 ALK	ENST00000300933 ENST00000389048	7 20
T00017	Fusion	TPR ALK	ENST00000367478 ENST00000389048	15 20
T00175	Fusion	TRAF1 ALK	ENST00000373887 ENST00000389048	6 20
T00204	Fusion	VCL ALK	ENST00000211998 ENST00000389048	16 20
T00031	Fusion	ALK PTPN3	ENST00000389048 ENST00000374541	11 3
<b>ERG</b>				
T00025	Fusion	SLC45A3 ERG	ENST00000367145 ENST00000442448	1 4
T00280	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000481609	1 2
T00282	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1 2
T00281	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1 3
T00279	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1 4
T00278	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1 5
T00277	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1 6
T00271	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000481609	1,2 2
T00272	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1,2 2
T00270	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1,2 4
T00269	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	1,2 5
T00266	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	3 4
T00264	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	4 4
T00263	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	4 5
T00262	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	5 4
T00261	Fusion	TMPRSS2 ERG	ENST00000332149 ENST00000442448	5 5
<b>MET</b>				
T00147	Fusion	MET MET	ENST00000397752 ENST00000397752	13 15

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T00145	Fusion	BAIAP2L1 MET	ENST00000005260 ENST00000397752	9 15
T00169	Fusion	C8orf34 MET	ENST00000518698 ENST00000397752	2 15
T00149	Fusion	CAPZA2 MET	ENST00000361183 ENST00000397752	3,4 11
T00171	Fusion	OXR1 MET	ENST00000312046 ENST00000397752	9 13
T00150	Fusion	PTPRZ1 MET	ENST00000393386 ENST00000397752	1 2
T00151	Fusion	PTPRZ1 MET	ENST00000393386 ENST00000397752	3 2
T00152	Fusion	PTPRZ1 MET	ENST00000393386 ENST00000397752	8 2
T00075	Fusion	TFG MET	ENST00000240851 ENST00000397752	5 15
T00020	Fusion	TPR MET	ENST00000367478 ENST00000397752	4 15
<b>RET</b>				
T00199	Fusion	CCDC6 RET	ENST00000263102 ENST00000340058	1 12
T00198	Fusion	CCDC6 RET	ENST00000263102 ENST00000340058	1 11
T00178	Fusion	ACBD5 RET	ENST00000396271 ENST00000340058	10,11 12
T00107	Fusion	AFAP1 RET	ENST00000420658 ENST00000340058	3 12
T00242	Fusion	AKAP13 RET	ENST00000394518 ENST00000340058	35 12
T00243	Fusion	AKAP13 RET	ENST00000394518 ENST00000340058	36 12
T00202	Fusion	CCDC6 RET	ENST00000263102 ENST00000340058	1 11
T00201	Fusion	CCDC6 RET	ENST00000263102 ENST00000340058	1 12
T00200	Fusion	CCDC6 RET	ENST00000263102 ENST00000355710	1 13
T00197	Fusion	CCDC6 RET	ENST00000263102 ENST00000355710	2 12
T00194	Fusion	CCDC6 RET	ENST00000263102 ENST00000355710	8 11
T00195	Fusion	CCDC6 RET	ENST00000263102 ENST00000355710	8 12
T00146	Fusion	CUX1 RET	ENST00000292538 ENST00000355710	10 12
T00220	Fusion	ERC1 RET	ENST00000543086 ENST00000340058	12 12
T00221	Fusion	ERC1 RET	ENST00000543086 ENST00000340058	17 12
T00217	Fusion	ERC1 RET	ENST00000543086 ENST00000340058	7 12
T00218	Fusion	ERC1_ELKS RET	ENST00000397203 ENST00000355710	11 12
T00174	Fusion	FKBP15 RET	ENST00000238256 ENST00000340058	25 12
T00235	Fusion	GOLGA5 RET	ENST00000163416 ENST00000340058	7 12
T00168	Fusion	HOOK3 RET	ENST00000307602 ENST00000340058	11 12
T00254	Fusion	KIAA1468 RET	ENST00000398130 ENST00000340058	10 12
T00188	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	15 11
T00189	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	15 12
T00185	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	16 12
T00183	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	21,22 12
T00182	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	23 12
T00181	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	24 11
T00180	Fusion	KIF5B RET	ENST00000302418 ENST00000340058	24 8
T00234	Fusion	KTN1 RET	ENST00000395309 ENST00000355710	29 12
T00193	Fusion	NCOA4 RET	ENST00000344348 ENST00000340058	7 12
T00192	Fusion	NCOA4_ELE1 RET	ENST00000344348 ENST00000340058	6 12
T00163	Fusion	PCM1 RET	ENST00000325083 ENST00000340058	29 12
T00252	Fusion	PRKAR1A RET	ENST00000358598 ENST00000340058	7 12
T00203	Fusion	RUFY2 RET	ENST00000388768 ENST00000340058	9 12
T00284	Fusion	SPECC1L RET	ENST00000314328 ENST00000340058	10 11
T00285	Fusion	SPECC1L RET	ENST00000314328 ENST00000340058	9,10 12
T00079	Fusion	TBL1XR1 RET	ENST00000430069 ENST00000340058	9 11
T00078	Fusion	TBL1XR1 RET	ENST00000430069 ENST00000340058	9 12
T00155	Fusion	TRIM24 RET	ENST00000343526 ENST00000340058	9 12
T00126	Fusion	TRIM27 RET	ENST00000377199 ENST00000340058	3 12
T00004	Fusion	TRIM33 RET	ENST00000358465 ENST00000340058	16 12

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<b>FGFR1/2/3</b>				
T00167	Fusion	FGFR1 TACC1	ENST00000447712 ENST00000317827	17 7
T00102	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	18 4
T00208	Fusion	FGFR2 TACC3	ENST00000358487 ENST00000313288	17 11,12
T00080	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	14 11
T00081	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	15 11,12
T00082	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	16 10
T00083	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	16 11,12
T00086	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 10
T00094	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 10
T00084	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 11
T00088	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 11
T00095	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 11,12
T00085	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 13
T00089	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 4
T00101	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 4
T00090	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 5,6
T00091	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 6
T00087	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 7
T00092	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 8
T00093	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 9
T00100	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	17 9
T00104	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	18 10
T00105	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	18 10
T00103	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	18 11
T00099	Fusion	FGFR3 TACC3	ENST00000440486 ENST00000313288	18 7
T00207	Fusion	FGFR2 AFF3	ENST00000358487 ENST00000317233	17 8
T00212	Fusion	FGFR2 CASP7	ENST00000358487 ENST00000369318	17 2
T00098	Fusion	FGFR3 ELAVL3	ENST00000440486 ENST00000359227	17 2
T00097	Fusion	FGFR3 AES	ENST00000440486 ENST00000221561	17 2
T00209	Fusion	FGFR2 KIAA1967_CCAR2	ENST00000358487 ENST00000389279	17 4
T00211	Fusion	FGFR2 MGEA5	ENST00000358487 ENST00000361464	17 12
T00165	Fusion	BAG4 FGFR1	ENST00000287322 ENST00000447712	1 8
T00166	Fusion	BAG4 FGFR1	ENST00000287322 ENST00000447712	2 6
T00164	Fusion	ERLIN2 FGFR1	ENST00000276461 ENST00000447712	7,8 2
T00024	Fusion	SLC45A3 FGFR2	ENST00000367145 ENST00000358487	1 1
T00023	Fusion	SLC45A3 FGFR2	ENST00000367145 ENST00000358487	1 2
T00210	Fusion	FGFR2 BICC1	ENST00000358487 ENST00000373886	17 2,3
T00213	Fusion	FGFR2 CIT	ENST00000358487 ENST00000261833	17 23,24
T00214	Fusion	FGFR2 OFD1	ENST00000358487 ENST00000340096	17 3
T00096	Fusion	FGFR3 BAIAP2L1	ENST00000440486 ENST00000005260	17 2,3
<b>BRAF</b>				
T00001	Fusion	AGTRAP BRAF	ENST00000314340 ENST00000288602	5 8
T00144	Fusion	AKAP9 BRAF	ENST00000356239 ENST00000288602	8 9,10
T00248	Fusion	CDC27 BRAF	ENST00000066544 ENST00000288602	16 9,10
T00162	Fusion	FAM131B BRAF	ENST00000443739 ENST00000288602	2 9,10
T00117	Fusion	FCHSD1 BRAF	ENST00000435817 ENST00000288602	13 9,10
T00160	Fusion	KIAA1549 BRAF	ENST00000242365 ENST00000288602	15 11
T00161	Fusion	KIAA1549 BRAF	ENST00000242365 ENST00000288602	15 9,10
T00159	Fusion	KIAA1549 BRAF	ENST00000242365 ENST00000288602	15,16 10
T00158	Fusion	KIAA1549 BRAF	ENST00000242365 ENST00000288602	17 10
T00157	Fusion	KIAA1549 BRAF	ENST00000242365 ENST00000288602	18 9,10

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T00115	Fusion	PAPSS1 BRAF	ENST00000265174 ENST00000288602	5 9,10
T00022	Fusion	SLC45A3 BRAF	ENST00000367145 ENST00000288602	1 8
T00153	Fusion	SND1 BRAF	ENST00000354725 ENST00000288602	16 9,10
T00139	Fusion	TAX1BP1 BRAF	ENST00000396319 ENST00000288602	8 11
T00154	Fusion	TRIM24 BRAF	ENST00000415680 ENST00000288602	9 9,10
<b>ROS1</b>				
T00196	Fusion	CCDC6 ROS1	ENST00000263102 ENST00000368508	5 35
T00122	Fusion	CD74 ROS1	ENST00000353334 ENST00000368508	4 33
T00121	Fusion	CD74 ROS1	ENST00000353334 ENST00000368508	6 32
T00120	Fusion	CD74 ROS1	ENST00000353334 ENST00000368508	6 34
T00119	Fusion	CD74 ROS1	ENST00000353334 ENST00000368508	6 35
T00132	Fusion	CEP85L ROS1	ENST00000368491 ENST00000368508	8 36
T00232	Fusion	CLIP1 ROS1	ENST00000358808 ENST00000368508	19 36
T00250	Fusion	CLTC ROS1	ENST00000269122 ENST00000368508	31 35
T00219	Fusion	ERC1 ROS1	ENST00000589028 ENST00000368508	11 36
T00134	Fusion	EZR ROS1	ENST00000367075 ENST00000368508	10 34
T00133	Fusion	EZR ROS1	ENST00000367075 ENST00000368508	10 35
T00131	Fusion	GOPC ROS1	ENST00000368498 ENST00000368508	4 36
T00130	Fusion	GOPC ROS1	ENST00000368498 ENST00000368508	8 35
T00127	Fusion	HLA_A ROS1	ENST00000376809 ENST00000368508	6,7 34
T00137	Fusion	KDEL2 ROS1	ENST00000258739 ENST00000368508	5 35
T00138	Fusion	KDEL2 ROS1	ENST00000258739 ENST00000368508	5 35
T00206	Fusion	KIAA1598 ROS1	ENST00000260777 ENST00000368508	11 36
T00231	Fusion	LRIG3 ROS1	ENST00000320743 ENST00000368508	16 35
T00286	Fusion	MSN ROS1	ENST00000360270 ENST00000368508	9 34
T00238	Fusion	MYO5A ROS1	ENST00000399231 ENST00000368508	23 35
T00227	Fusion	PPFIBP1 ROS1	ENST00000228425 ENST00000368508	9 35
T00123	Fusion	PWWP2A ROS1	ENST00000456329 ENST00000368508	1 36
T00260	Fusion	SDC4 ROS1	ENST00000372733 ENST00000368508	2 32
T00259	Fusion	SDC4 ROS1	ENST00000372733 ENST00000368508	2 34
T00258	Fusion	SDC4 ROS1	ENST00000372733 ENST00000368508	4 32
T00257	Fusion	SDC4 ROS1	ENST00000372733 ENST00000368508	4 34
T00109	Fusion	SLC34A2 ROS1	ENST00000503434 ENST00000368508	4 32
T00108	Fusion	SLC34A2 ROS1	ENST00000503434 ENST00000368508	4 34
T00111	Fusion	SLC34A2 ROS1	ENST00000503434 ENST00000368508	13 32
T00110	Fusion	SLC34A2 ROS1	ENST00000503434 ENST00000368508	13 34
T00112	Fusion	SLC34A2 ROS1	ENST00000503434 ENST00000368508	13 36
T00073	Fusion	TFG ROS1	ENST00000240851 ENST00000368508	4 35
T00008	Fusion	TPM3 ROS1	ENST00000368530 ENST00000368508	3 36
T00007	Fusion	TPM3 ROS1	ENST00000368533 ENST00000368508	7 35
T00233	Fusion	ZCCHC8 ROS1	ENST00000336229 ENST00000368508	1,2 36
<b>NTRK1/2/3</b>				
T00010	Fusion	BCAN NTRK1	ENST00000329117 ENST00000392302	13 11
T00118	Fusion	CD74 NTRK1	ENST00000353334 ENST00000392302	7 10,11
T00176	Fusion	CEL NTRK1	ENST00000372080 ENST00000392302	7 7
T00026	Fusion	IRF2BP2 NTRK1	ENST00000366609 ENST00000392302	1 10
T00009	Fusion	LMNA NTRK1	ENST00000368300 ENST00000392302	2 11
T00244	Fusion	MPRIP NTRK1	ENST00000395811 ENST00000524377	14 12
T00245	Fusion	MPRIP NTRK1	ENST00000395811 ENST00000524377	18 12
T00246	Fusion	MPRIP NTRK1	ENST00000395811 ENST00000524377	21 12
T00021	Fusion	NFASC NTRK1	ENST00000360049 ENST00000392302	20 10,11
T00253	Fusion	RNF213 NTRK1	ENST00000582970 ENST00000392302	15 12

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T00124	Fusion	SQSTM1 NTRK1	ENST00000389805 ENST00000392302	5 10,11
T00116	Fusion	SSBP2 NTRK1	ENST00000320672 ENST00000392302	11,12 12
T00076	Fusion	TFG NTRK1	ENST00000240851 ENST00000392302	6 10,11
T00005	Fusion	TPM3 NTRK1	ENST00000368533 ENST00000392302	7 10,11
T00016	Fusion	TPR NTRK1	ENST00000367478 ENST00000392302	21 10,11
T00015	Fusion	TPR NTRK1	ENST00000367478 ENST00000392302	21 9
T00018	Fusion	TPR NTRK1	ENST00000367478 ENST00000392302	6 12
T00019	Fusion	TPR NTRK1	ENST00000367478 ENST00000392302	6 12
T00106	Fusion	AFAP1 NTRK2	ENST00000420658 ENST00000376214	14 12,13
T00002	Fusion	AGBL4 NTRK2	ENST00000371839 ENST00000376214	5,6 16
T00177	Fusion	NACC2 NTRK2	ENST00000371753 ENST00000376214	3,4 13
T00135	Fusion	QKI NTRK2	ENST00000361752 ENST00000376214	6 16
T00125	Fusion	SQSTM1 NTRK2	ENST00000389805 ENST00000376214	5 17
T00156	Fusion	TRIM24 NTRK2	ENST00000415680 ENST00000376214	12 15,16
T00205	Fusion	VCL NTRK2	ENST00000211998 ENST00000376214	16 12,13
T00241	Fusion	BTBD1 NTRK3	ENST00000261721 ENST00000394480	4 14
T00240	Fusion	COX5A NTRK3	ENST00000322347 ENST00000394480	1 15
T00224	Fusion	ETV6 NTRK3	ENST00000396373 ENST00000394480	4 14
T00223	Fusion	ETV6 NTRK3	ENST00000396373 ENST00000394480	4 15
T00226	Fusion	ETV6 NTRK3	ENST00000396373 ENST00000394480	5 14
T00225	Fusion	ETV6 NTRK3	ENST00000396373 ENST00000394480	5 15
T00014	Fusion	NTRK1 DYNC2H1	ENST00000392302 ENST00000375735	17 85
<b>ETV1/4/5</b>				
T00267	Fusion	TMPRSS2 ETV1	ENST00000455813 ENST00000405358	1 4
T00276	Fusion	TMPRSS2 ETV1	ENST00000332149 ENST00000405358	1 4
T00275	Fusion	TMPRSS2 ETV1	ENST00000332149 ENST00000405358	1 5
T00268	Fusion	TMPRSS2 ETV1	ENST00000332149 ENST00000405358	1,2 5
T00283	Fusion	TMPRSS2 ETV4	ENST00000455813 ENST00000319349	1 3
T00273	Fusion	TMPRSS2 ETV5	ENST00000455813 ENST00000306376	1 2
T00274	Fusion	TMPRSS2 ETV5	ENST00000332149 ENST00000306376	1 2
T00265	Fusion	TMPRSS2 ETV5	ENST00000332149 ENST00000306376	3 2
<b>OTHER FUSIONS</b>				
T00236	Fusion	EML1 ABL1	ENST00000262233 ENST00000318560	17 2
T00003	Fusion	MAGI3 AKT3	ENST00000369617 ENST00000366540	10 3
T00067	Fusion	PAX8 PPARG	ENST00000429538 ENST00000287820	10 2
T00070	Fusion	PAX8 PPARG	ENST00000429538 ENST00000287820	7 2
T00069	Fusion	PAX8 PPARG	ENST00000429538 ENST00000287820	8 2
T00068	Fusion	PAX8 PPARG	ENST00000429538 ENST00000287820	9 2
T00173	Fusion	B4GALT1 RAF1	ENST00000379731 ENST00000251849	1 8,9
T00170	Fusion	ESRP1 RAF1	ENST00000358397 ENST00000251849	13 6
T00247	Fusion	WIPF2 ERBB2	ENST00000323571 ENST00000584601	1 4
T00228	Fusion	SCAF11 PDGFRA	ENST00000369367 ENST00000257290	1 2,3
T00256	Fusion	AXL MBIP	ENST00000301178 ENST00000416007	20 4
T00140	Fusion	EGFR EGFR	ENST00000275493 ENST00000275493	1 8