

## Solid Tumor Fusion Genes (53 Total)

Gene	Fusions
AKT3	
ALK	EML4/ALK; NPM1/ALK
ARHGAP26	
AXL	
BRAF	
BRD3	
BRD4	
EGFR	
ERG	EWSR1/ERG
ESR1	
ETV1	
ETV4	
ETV5	
ETV6	ETV6/NTRK3; ETV6/RUNX1
EWSR1	EWSR1/ATF1; EWSR1/FLI1; WSR1/WT1
FGFR1	
FGFR2	
FGFR3	
FGR	
INSR	
MAML2	
MAST1	
MAST2	
MET	
MSMB	
MUSK	
MYB	

Gene	Fusions
NOTCH1	
NOTCH2	
NRG1	
NTRK1	
NTRK2	
NTRK3	
NUMBL	
NUTM1	
PDGFRA	FIP1L1/PDGFR
PDGFRB	
PIK3CA	
PKN1	
PPARG	PAX8/PPARG
PRKCA	
PRKCB	
RAF1	
RELA	
RET	
ROS1	
RSPO2	
RSPO3	
TERT	
TFE3	
TFEB	
THADA	
TMPRSS2	