

Elenco delle fusioni rilevate dal kit

EasyPGX® ready ALK/ROS1/RET/MET

(Diatech Pharmacogenetics – rev. 2018/12)

ALK
Valutazione dello sbilanciamento delle porzioni 5P e 3P dell'mRNA wild-type di ALK generato da eventi di fusioni geniche.
ROS1 exon 32 (non distinguibili tra loro)
SLC34A2-ROS1 S4:R32 (RefSeq - EU236946)
SLC34A2-ROS1 S13del2046:R32 (RefSeq - AB795243)
CD74-ROS1 C6:R32 (RefSeq - AB795244)
SDC4-ROS1 S2:R32 (RefSeq - AB795240)
SDC4-ROS1 S4:R32 (COSMIC v76 - COSF1279)
ROS1 exon 34 (non distinguibili tra loro)
SLC34A2-ROS1 S4:R34 (RefSeq - EU236947)
SLC34A2-ROS1 S13del2046:R34 (PMID - 22327623)
CD74-ROS1 C6:R34 (PMID - 18083107)
SDC4-ROS1 S4:R34 (RefSeq - AB795242)
EZR-ROS1 E10:R34 (RefSeq - AB795246)

ROS1 exon 35-36 (non distinguibili tra loro)
LRIG3-ROS1 L16:R35 (RefSeq - AB795248)
TPM3-ROS1 T8:R35 (RefSeq - AB795239)
(FIG)GOPC-ROS1 G8:R35 (PMID - 22661537)
(FIG)GOPC-ROS1 G4:R36 (PMID - 22661537)
RET exon 12 (non distinguibili tra loro)
CCDC6-RET C1:R12 (RefSeq - AB698668)
KIF5B-RET K15:R12 (RefSeq - AB795250)
KIF5B-RET K16:R12 (RefSeq - AB795252)
KIF5B-RET K22:R12 (RefSeq - AB795254)
KIF5B-RET K23:R12 (RefSeq - AB795256)
NCOA4-RET N7:R12 (PMID - 23150706)
RET exon 8-11 (non distinguibili tra loro)
KIF5B-RET K15:R11 (PMID - 22327622)
KIF5B-RET K24:R11 (RefSeq - AB795257)
KIF5B-RET K24:R8 (PMID - 22327624)
MET exon 14
MET Exon 14 skipping