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| **Supplementary Table S2. Primers for RT-PCR detection of gene fusions.** |
| **Primer** | **5' sequence** | **Accession number**  | **Exon** |
| EWSR1-731F | cccactgagactagtcaacctca | NM\_013986.3 | 7 |
| EWSR1-1059F | tggatcctacagccaagctc | NM\_013986.3 | 8 |
| EWSR1 1363F | tcttgatctaggcccacctg | NM\_013986.3 | 11 |
| EWSR1 1482F | tctttaagcagtgtggggttg | NM\_013986.3 | 12 |
| EWSR1 1576F  | cgatgccacagtgtcctatg | NM\_013986.3 | 13 |
| FUS 1183F | tccggaaatcctatcaaggtc | NM\_004960.3 | 11 |
| FUS 1224F | agactttaatcggggtggtg | NM\_004960.3 | 11 |
| PAX5 579F | ttgctcatcaaggtgtcagg  | NM\_016734.2 | 2 |
| CREB3L1 1330R | ctttggtgagggggagtttt  | NM\_052854.3 | 6 |
| CREB3L1 1364R  | ttcctccggactctcttcaa | NM\_052854.3 | 6 |
| CREB3L1 1370R  | tcttcttacgacggctctcc  | NM\_052854.3 | 7 |
| CREB3L2 1406R | taccttcttccgaagctcca | NM\_194071.3 | 8 |
| CREB3L2 1370R | tttttctccaggctgtccat | NM\_194071.3 | 7 |
| CREB3L2 1218R | cagggtcctcttctcctcct | NM\_194071.3 | 6 |
| CREB3L2-1467R | tgaagcttctggagttgctg | NM\_194071.3 | 9 |
| CREM 894R  | tttgcgtgttgcttcttctg | NM\_181571.2 | 7 |
| CREM 822R | ctgtggcaaagcagcagtag | NM\_181571.2 | 7 |