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| **Table S2. List of primers used in apoptosis gene expression profiling with a RT-qPCR array** | | | | | | |
| **GenBank** | **Gen** | **Description** | **Type** | **Primers** | **Sequence 5'---3'** | **bp** |
| NM\_000594 | TNF | Tumor necrosis factor | Pro-Apoptotic | TNF-F | ACTTTGGAGTGATCGGCCC | 192 |
| TNF-R | CATTGGCCAGGAGGGCATT |
| NM\_003805 | CRADD | CASP2 and RIPK1 domain containing adaptor with death domain | CRADD-F | GTTGCAGTTTTTCTCCCCCG | 121 |
| CRADD-R | CCCTCCACCAATACCTCTGC |
| NM\_003824 | FADD | Fas (TNFRSF6)-associated via death domain | FADD-F | CTGGAGCAGAACGACCTGG | 196 |
| FADD-R | GCCTTCTCCAATCTTTCCCCA |
| NM\_005157 | ABL1 | C-abl oncogene 1, non-receptor tyrosine kinase | ABL1-F | TCCTCGTCCTCCAGCTGTTA | 152 |
| ABL1-R | GCAACGAAAAGGTTGGGGTC |
| NM\_000546 | p53 | Tumor protein p53 | p53-F | CCAACAACACCAGCTCCTCT | 118 |
| p53-R | AAGGCCTCATTCAGCTCTCG |
| NM\_001279 | CIDEA | Cell death-inducing DFFA-like effector a | CIDEA-F | CTCATCAGGCCCCTGACATT | 199 |
| CIDEA-R | GCACCAGAGTGACCAGTCC |
| NM\_003879 | CFLAR | CASP8 and FADD-like apoptosis regulator | CFLAR-F | CGGGAGGAGGTGTAGGAGAG | 186 |
| CFLAR-R | ATCCTTTCCAGTGGGGGAGT |
| NM\_004938 | DAPK1 | Death-associated protein kinase 1 | DAPK1-F | GCAGGTCTCCTTGCAAGACT | 160 |
| DAPK1-R | GCAGCCCACACTTGAGAGAT |
| NM\_004322 | BAD | BCL2-associated agonist of cell death | BAD-F | TCCGGAGGATGAGTGACGAG | 128 |
| BAD-R | ATCCCACCAGGACTGGAAGA |
| NM\_001188 | BAK1 | BCL2-antagonist/killer 1 | BAK1-F | GCAGGCTGATCCCGTCC | 187 |
| BAK1-R | CCTTCAGCCTCCTGTTCCTG |
| NM\_004324 | BAX | BCL2-associated X protein | BAX-F | CCCCCGAGAGGTCTTTTTCC | 160 |
| BAX-R | TGTCCAGCCCATGATGGTTC |
| NM\_001196 | BID | BH3 interacting domain death agonist | BID-F | GAAGCGGGTAGTCGACCG | 165 |
| BID-R | ACCGTTGTTGACCTCACAGT |
| NM\_001197 | BIK | BCL2-interacting killer (apoptosis-inducing) | BIK-F | GGAGGTTCTTGGCATGACTGA | 133 |
| BIK-R | GCTCACGTCCATCTCGTCC |
| NM\_033292 | CASP1 | Caspase 1, apoptosis-related cysteine peptidase (interleukin 1, beta, convertase) | CASP1-F | TCCGTTATTCCGAAAGGGGC | 191 |
| CASP1-R | ATAGCTGGGTTGTCCTGCAC |
| NM\_004346 | CASP3 | Caspase 3, apoptosis-related cysteine peptidase | CASP3-F | TGCATACTCCACAGCACCTG | 154 |
| CASP3-R | TTCTGTTGCCACCTTTCGGT |
| NM\_001229 | CASP9 | Caspase 9, apoptosis-related cysteine peptidase | CASP9-F | AGGCCCCATATGATCGAGGA | 193 |
| CASP9-R | TCGACAACTTTGCTGCTTGC |
| NM\_001252 | CD70 | CD70 molecule | CD70-F | GTCACTTGGGTGGGACGTAG | 146 |
| CD70-R | GATGGATACGTAGCTGCCCC |
| NM\_014430 | CIDEB | Cell death-inducing DFFA-like effector b | CIDEB-F | GTCTTCCAGCTCAGCAGTGT | 134 |
| CIDEB-R | AATCCCTGCTTTCCTGCCAA |
| NM\_019887 | DIABLO | Diablo, IAP-binding mitochondrial protein | DIABLO-F | CGTGGCTATGGGGCGAG | 189 |
| DIABLO-R | AGCCACAACAGGAACACACA |
| NM\_000639 | FASLG | Fas ligand (TNF superfamily, member 6) | FAS-F | GTCTACCAGCCAGATGCACA | 139 |
| FAS-R | CCATTCCAGAGGCATGGACC |
| NM\_000595 | LTA | Lymphotoxin alpha (TNF superfamily, member 1) | LTA-F | TGCTTTGGACTACCGCCC | 134 |
| LTA-R | GAAGAGACGTTCAGGTGGTGT |
| NM\_003844 | TNFRSF10A | Tumor necrosis factor receptor superfamily, member 10a | TNFRSF10A-F | CTACCTCCATGGGACAGCAC | 162 |
| TNFRSF10A-R | TTGCAGCTGAGCTAGGTACG |
| NM\_003842 | TNFRSF10B | Tumor necrosis factor receptor superfamily, member 10b | TNFRSF10B-F | GTGTCAGTGCGAAGAAGGCA | 163 |
| TNFRSF10B-R | TTCCCCACTGTGCTTTGTACC |
| NM\_002546 | TNFRSF11B | Tumor necrosis factor receptor superfamily, member 11b | TNFRSF11B-F | GCCTGGCACCAAAGTAAACG | 200 |
| TNFRSF11B-R | GCTCGAAGGTGAGGTTAGCA |
| NM\_001065 | TNFRSF1A | Tumor necrosis factor receptor superfamily, member 1A | TNFRSF1A-F | CCTCAACTGTCACCCCAAGG | 190 |
| TNFRSF1A-R | ATTCCCACCAACAGCTCCAG |
| NM\_001066 | TNFRSF1B | Tumor necrosis factor receptor superfamily, member 1B | TNFRSF1B-F | CACATGCCGGCTCAGAGAAT | 144 |
| TNFRSF1B-R | AGCTGGGTGTATGTGCTGTC |
| NM\_014452 | TNFRSF21 | Tumor necrosis factor receptor superfamily, member 21 | TNFRSF21 -F | GGGCTTCTTCGTGGATGAGT | 199 |
| TNFRSF21 -R | CCGCAGCTCCTCAGGATTTA |
| NM\_003790 | TNFRSF25 | Tumor necrosis factor receptor superfamily, member 25 | TNFRSF25-F | CCACACACGGCTACTCTGTT | 156 |
| TNFRSF25-R | AACATCTGCCTCCAGCCAC |
| NM\_001561 | TNFRSF9 | Tumor necrosis factor receptor superfamily, member 9 | TNFRSF9 -F | CTCACGCTCCGTTTCTCTGT | 121 |
| TNFRSF9 -R | GAAATCGGCAGCTACAGCCA |
| NM\_003810 | TNFSF10 | Tumor necrosis factor (ligand) superfamily, member 10 | TNFSF10-F | TTGGGACCCCAATGACGAAG | 197 |
| TNFSF10-R | TGGTCCCAGTTATGTGAGCTG |
| NM\_003789 | TRADD | TNFRSF1A-associated via death domain | TRADD-F | GAAGCGGCGGAGTAGAGC | 139 |
| TRADD-R | AGCGAGGACTCCACAAACAG |
| NM\_021138 | TRAF2 | TNF receptor-associated factor 2 | TRAF2-F | TCCCCTTAACTTGTGACGGC | 105 |
| TRAF2-R | CGTGGAATCTGCAAGGGACT |
| NM\_005163 | AKT1 | V-akt murine thymoma viral oncogene homolog 1 | Anti-Apoptotic | AKT1-F | CAGGATGTGGACCAACGTGA | 137 |
| AKT1-R | AAGGTGCGTTCGATGACAGT |
| NM\_004323 | BAG1 | BCL2-associated athanogene | BAG1-F | ACCGTTGTCAGCACTTGGAA | 198 |
| BAG1-R | GCTTGCAAATCCTTGGGCAG |
| NM\_003921 | BCL10 | B-cell CLL/lymphoma 10 | BCL10 -F | GGTCTGGACACCCTTGTTGA | 155 |
| BCL10 -R | GCTCCATCTGGAAAAGGTTCAC |
| NM\_000633 | BCL2 | B-cell CLL/lymphoma 2 | BCL2-F | CTTTGAGTTCGGTGGGGTCA | 162 |
| BCL2-R | GGGCCGTACAGTTCCACAAA |
| NM\_004049 | BCL2A1 | BCL2-related protein A1 | BCL2A1-F | GATAAGGCAAAACGGAGGCTG | 133 |
| BCL2A1-R | TGGTCAACAGTATTGCTTCAGGA |
| NM\_016561 | BFAR | Bifunctional apoptosis regulator | BFAR-F | TTTAGCTCCTAACACAGGCCG | 178 |
| BFAR-R | AACTTCTTCCGCCGTCCATT |
| NM\_001242 | CD27 | CD27 molecule | CD27-F | TGCCAGATGTGTGAGCCAG | 191 |
| CD27-R | TCAGCATTGGCAGTGATGGT |
| NM\_001250 | CD40 | CD40 molecule, TNF receptor superfamily member 5 | CD40-F | GGCAGGCACAAACAAGACTG | 139 |
| Cd40-R | TGGCTTCTTGGCCACCTTTT |
| NM\_000572 | IL10 | Interleukin 10 | IL10-F | GGGCACCCAGTCTGAGAAC | 190 |
| IL10-R | CTCAGACAAGGCTTGGCAAC |
| NM\_003946 | NOL3 | Nucleolar protein 3 (apoptosis repressor with CARD domain) | NOL3-F | TCTGGAGAGGCAGGAGGAC | 137 |
| NOL3-R | CTCGCGGTCGATAGTCTCTG |
| NM\_003998 | NFKB1 | Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1 | NFKB1-F | GCTTAGGAGGGAGAGCCCA | 196 |
| NFKB1-R | GGTATGGGCCATCTGCTGTT |
| NM\_004330 | BNIP2 | BCL2/adenovirus E1B 19kDa interacting protein 2 | BNIP2-F | CCTGCTTTTTGCGACCTGG | 103 |
| BNIP2-R | AATCCAGGGAGCCAATGTCC |
| NM\_001165 | BIRC3 | Baculoviral IAP repeat containing 3 | BIRC3-F | GCTTGCAAGTGCGGGTTTTTA | 185 |
| BIRC3-R | TGGCTTGAACTTGACGGATGA |
| NM\_004536 | NAIP | NLR family, apoptosis inhibitory protein | NAIP-F | ATTGGGGACTTCGTCTGGGA | 183 |
| NAIP-R | GGGTGGCCATTTTCTGAGGT |
| NM\_001101 | ACTB | Actin, beta | Reference | ACTB-F | AGAAAATCTGGCACCACACCT | 187 |
| ACTB-R | GAGGCGTACAGGGATAGCAC |
| NM\_002046 | GAPDH | Glyceraldehyde-3-phosphate dehydrogenase | GAPDH-F | GGAAGGTGAAGGTCGGAGTC | 108 |
| GAPDH-R | TGAAGGGGTCATTGATGGCA |