Table S1: List of oligonucleotides for qRT-PCR

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| **Target Gene** | **Sequence** | **Source** |
| 18S F | GCCGCTAGAGGTGAAATTCTTG | Fitzwalter et al, 2018 |
| 18S R | CTTTCGCTCTGGTCCGTCTT | Fitzwalter et al, 2018 |
| sXBP1 F | CTGAGTCCGAATCAGGTGCAG | Oslowski and Urano, 2011 |
| sXBP1 R | ATCCATGGGGAGATGTTCTGG | Oslowski and Urano, 2011 |
| Total\_XBP1 F | TGGCCGGGTCTGCTGAGTCCG | Oslowski and Urano, 2011 |
| Total\_XBP1 R | ATCCATGGGGAGATGTTCTGG | Oslowski and Urano, 2011 |
| ATF4 F | GTTCTCCAGCGACAAGGCTA | Oslowski and Urano, 2011 |
| ATF4 R | ATCCTGCTTGCTGTTGTTGG | Oslowski and Urano, 2011 |
| CHOP F | AGAACCAGGAAACGGAAACAGA | Oslowski and Urano, 2011 |
| CHOP R | TCTCCTTCATGCGCTGCTTT | Oslowski and Urano, 2011 |
| BiP F | TGTTCAACCAATTATCAGCAAAC | Oslowski and Urano, 2011 |
| BiP R | TTCTGCTGTATCCTCTTCACCAG | Oslowski and Urano, 2011 |
| EDEM F | CAAGTGTGGGTACGCCACG | Oslowski and Urano, 2011 |
| EDEM R | AAAGAAGCTCTCCATCCGGTC | Oslowski and Urano, 2011 |
| PSMA1 F | TTCCCAATCAGCTCGTACTTAC | This study |
| PSMA1 R | TTCTGCAGGAAGCGTCTCT | This study |
| PSMA4 F | GCAGTGTGGCAGGCATAACTT | This study |
| PSMA4 R | CACAGCGCTGTAACCAACT | This study |
| PSMA7 F | CTGTGCTTTGGATGACAACG | Radhakrishnan et al |
| PSMA7 R | CGATGTAGCGGGTGATGTACT | Radhakrishnan et al |
| PSMB1 F | TTTCGCCCTACGTTTTCAAC | Vangala et al, 2014 |
| PSMB1 R | TACAGCCCCCTTTCCTTCTT | Vangala et al, 2014 |
| PSMB2 F | AAGGCCCCGACTATGTTCTT | Vangala et al, 2014 |
| PSMB2 R | AGGTTGGCAGATTCAGGATG | Vangala et al, 2014 |
| PSMB5 F | CCATACCTGCTAGGCACCAT | Vangala et al, 2014 |
| PSMB5 R | GCACCTCCTGAGTAGGCATC | Vangala et al, 2014 |
| PSMB6 F | CCTATTCACGACCGCATTTT | Vangala et al, 2014 |
| PSMB6 R | TCCCGGTAGGTAGCATCAAC | Vangala et al, 2014 |
| PSMB7 F | GCAACTGAAGGGATGGTTGT | Vangala et al, 2014 |
| PSMB7 R | AAACTAGGGCTGCACCAATG | Vangala et al, 2014 |
| PSMA7 F | CTGTGCTTTGGATGACAACG | Vangala et al, 2014 |
| PSMA7 R | CGATGTAGCGGGTGATGTACT | Vangala et al, 2014 |
| PSMB8 F | TACGGGTGAACAAGGTGATTGA | This study |
| PSMB8 R | TGCCGACACTGAAATACGTT | This study |
| PSMB9 F | CGGCAGCACCTTTATCTATGG | This study |
| PSMB9 R | CACCGGCAGCTGTAATAGTGAC | This study |
| PSMB10 F | GCCACGGTCACTCGCATCCT | This study |
| PSMB10 R | GCTGGAACCGGTCTTCTAGCAC | This study |
| PSMC1 F | TTCCGAGTTGCTGAAGAACA | Radhakrishnan et al, 2010 |
| PSMC1 R | ATCCATCCAACTGGTTCAGC | Radhakrishnan et al, 2010 |
| PSMD11 F | CTGAGCAACCTGCCGAAAG | This study |
| PSMD11 R | GCTGCATGGATAATACCCGACT | This study |
| PSMD12 F | GTGCGCGACTGACTAAAACA | Radhakrishnan et al, 2010 |
| PSMD12 R | TAGGCAGAGCCTCATTTGCT | Radhakrishnan et al, 2010 |