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 |