Supplemental Table 1: Primers used for HSP90 constructs

Construct	Forward Primers	Reverse Primers
HSP90.1	5' - CACCATGGCGGATGTTCAGATGGC - 3'	5' - TTAGTCGACTTCCTCCATCTTGC - 3'
HSP90.1 (503-705aa)	5' - CACCATGGACGAATACGCTGTTGGAC - 3'	5' - TTAGTCGACTTCCTCCATCTTGC - 3'
HSP90.1 (503-700aa)	5' - CACCATGGACGAATACGCTGTTGGAC - 3'	5' - TTACTTGCTCTCTTCAGCAGCGTCC - 3'
HSP90.2	5' - CACCATGGCGGACGCTGAAACCTTTGC - 3'	5' - TTAGTCGACTTCCTCCATCTTG - 3'
HSP90.2 (497-699aa)	5' - CACCATGGATGAGTACGCTATTGGTCAGC - 3'	5' - TTAGTCGACTTCCTCCATCTTG - 3'
HSP90.2 (497-694aa)	5' - CACCATGGATGAGTACGCTATTGGTCAGC - 3'	5' - TTACTTGCTACCTTCGGCATCAGC - 3'
HSP90.5 (569-780 aa)	5' - CACCGATGAAGTTGCTATTCAGAATTTGCAAACC - 3'	5' - TCAATCTTGCCAAGGATCACTC - 3'
HSP90.6 (592-799aa)	5' - CACCGATGAAGTTGCCGTACAGAGTTTAAAAGC - 3'	5' - TCATTTCTTCCCATCCACTTCGAC - 3'
HSP90.7 (603-823aa)	5' - CACCGATGAATACTTGATGCAATACCTGATG - 3'	5' - CTACAGTTCGTCCTTGGTGTTCTC - 3'

Supplemental Table 2: Primers used for using site-directed ligase-independent mutagenesis

PPIase siteR	5' - AAATCGATTCCCCTTGTAATGGAGAGG - 3'
PPIase ALL F	5' - AGCCCCCTTGATAACAGCAGCAAATCGATTCCCCTTG - 3'
PPIase ALL F	5' - GCTGCTGTTATCAAGGGGGCTATGATACAAGGTGGG - 3'
PPIase site F	5' - ATGATACAAGGTGGGGATATATCAGC - 3'
TPR site F	5' - CAAGGCCAGGCATACATGGCTC - 3'
TPR site R	5' - TTCATCACGCATAGCAAATTCAG - 3'
TPR ASP F	5' - GCTAACAATGTTAAAGCATTGTTTCGACAAGGCCAGGCATAC - 3'
TPR ASP R	5' - TCGAAACAATGCTTTAACATTGTTAGCTTCATCACGCATAGC - 3'
TPR LYS F	5' - GATAACAATGTT**GCT**GCATTGTTTCGACAAGGCCAGGCATAC - 3'
TPR LYS R	5' - TCGAAACAATGCAGCAACATTGTTATCTTCATCACGCATAGC - 3'
TPR ARG F	5' - GATAACAATGTTAAAGCATTGTTT**GCT**CAAGGCCAGGCATAC - 3'
TPR ARG R	5' - AGCAAACAATGCTTTAACATTGTTATCTTCATCACGCATAGC - 3'
TPR ALL F	5' - **GCT**AACAATGTT**GCT**GCATTGTTT**GCT**CAAGGCCAGGCATAC - 3'
TPR ALL R	5' - AGCAAACAATGCAGCAACATTGTTAGCTTCATCACGCATAGC - 3'