

Table S1. Primers	
Construct	Primers (5' to 3')
Venus-Pk1b Δ CaaX (deletion of amino acids 869-872)	AAGGTCACAAGGGCAAGAAGTCTAGAACTATAGTGAG
	CTCACTATAGTTCTAGACTAGTCTTGCCCTTGACCTT
Venus-Pk1b Δ NLS (three- step deletion of amino acids 652-658, 721-725, 859-862)	ACCATCTCCTCTGAATCTTTCACAATCTCAGCCGC
	GCGGCTGAGATTGTGAAAGATTCAGAGGAGATGGT
	CTGCTAACAGACATCACAGTCGGAAAACGCGTTC
	GAACGCGTTTTCCGACTGTGATGTCTGTTAGCAG
	CTTTTGGCTCAAGGACCAAAGGTCACAAGGGCAA
TTGCCCTTGACCTTTGGTCCTTGAGCCAAAAG	
Venus-Pk1b-R125Q (mutation of amino acid 125, R to Q)	ACTCCACATGTTGAGCATGCAACAGAAGAAAGAGGCACCTGGGAGG
	CCTCCCAAGTGCCTCTTTCTTCTGTTGCATGCTGAACATGTGGAGT
mCherry-zhREST4 (deletion of amino acids 316-854; addition of ECDLVG from mouse REST4)	ACATGCGAACGCATTGAGACGCAACCGAACTGG
	CCAGTTCGGTTGCGTCTGAATGCGTTCGCATGT
	ACATGCGAACGCATTGAGAGTGTGATCTAGTTGGGTGAGACGCAACCGAACTGG
	CCAGTTCGGTTGCGTCTCACCCAAGTATCACAATCTGAATGCGTTCGCATGT