S6 Table: Cloning scheme for non-reactive 3kptC variants (GSGESG linker and MBP sequence from pMAL-c2 vector)

3kptC ^T (N512A)	3kptC ^c (K417A)	3kptC ^c (E472Q)
PCR: 28 + 29	PCR: 30 + 31	PCR1: 32 + 33
3kptC ^T -GSGESG-MBP as	3kptC ^c as template	PCR2: 34 + 35
template		3kptC ^c in pQE-9 vector as
		template

Number of primers used correlate with the primer list in S1 Table.