

S3 Table: Cloning scheme for 4oq1^T-MBP variants (GSGESG linker and MBP sequence from pMAL-c2 vector)

4oq1^T(wildtype)	4oq1^T(L)	4oq1^T(HQL)	4oq1^T(ΔRGN)
PCR: 14 + 15 4oq1 ^T -GSGSGSG-MBP as template	PCR: 17 + 15 4oq1 ^T (wildtype) as template	PCR: 16 + 15 4oq1 ^T (wildtype) as template	PCR: 18 + 15 4oq1 ^T (wildtype) as template

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