

Table S1.

Primer Name and Sequence:	Used for the construction of:
S124: ATGCGGATCCATGGCAGATCTGACACTCGAGCCCCG A125: ATCGCTTAAGTTACCACCAGCCCCAACTGGA ACTCTC	pmin-eGFP-TgICMAP1
S555: GCCGGCGAACGTGGCGAGA A555: CGGATAAAGAGGCAGTCGAGGCG; S556: GCCGCTCTAATCCCCCTCCACCGCGGTGT A556: GAGGGGATTAGAGCGGCCGCCACCGC	pmin-eGFP-TgICMAP1- minus-BamHI
S574: GCCATGGATCCGAGTCCGGACTTGTACAGCTC A574: GACTCGGATCCATGGCAGATCTGACAC S575: GGTACCGAGTCGTCATGTCTG A575: CGCTTTAGTAGTGCGTTTCTGC	pmin-eGFP- TgICMAP1FL_BamHIlinker.
S552: TAGATTCAATTGTGAGCGGATAAC A552: AGGCGGGCAAGAATGTG S553: GAAAGCTTAAGTAGCTGAGCTTGGACTCCTGT A553: GCTCAGCTACTTAAGCTTTCAAGAGCTGGCC S554: GAGAATCCAACTAGCTTGGCGAGATTTTCAG A554: CCAAGCTAGTTTGGATTCTACCAATAAAAAACG	pQE30-DIP13_AflII
S552: TAGATTCAATTGTGAGCGGATAAC A552: AGGCGGGCAAGAATGTG S576: TCACGCTAGCGGATCCATGTCTGCTCAAGGC A576: GGATCCGCTAGCGTGATGGTGATGGTGATGCG	pQE30-DIP13_AflII-NheI
BamHI-TgICMAP1C-S: AGCGGATCCACGCTGGAGGCAAAAGTGAGTGAGC AflII-TgICMAP1C-AS: ATCGCTTAAGTTACCACCAGCCCCAACTGGA ACTCTC	pQE30-His-FLAG-eGFP- TgICMAP1 ⁴⁵⁵⁻¹²³¹
pQE30 Forward: CCCGAAAAGTGCCACCTG His-FLAG-NheI-AS: ACGCTAGCCTTATCGTCGTCATCCTTGTAATCGTGATGGTGATGGTGATG	pQE30-His-FLAG-eGFP- TgICMAP1 ¹⁻⁴⁷⁴