Table S1. Primers used for cloning and validation

Primer name	Sequence[a]	Mutant strain or plasmid
Primers used for the construction of the YFP reporter vector		
NcoIVenus4X4	5'-AA<u>CCATGG</u>ACGTCTCTAGACCTGCAGGCGCATGCGTGAGCAAGGGCGAGGAGCTGTTCACCGGGGT-G 3'	pGIBD008
SacIVenus4X4	5' –AAA<u>GAGCTC</u>TTAGGATCCGGAACTAGTAACGCCCGGGCACATGTGGCGCGCAGCACGCGTCTTGTACAGCTCGTCCATGC-3'	
Primers used for the construction of YFP fusions		
5'OatAPstI	5'-ATA<u>CTGCAG</u>GAAAATTTGCGGAGCG-3'	pGIEB018
3'TMLoatAXbaI	5'-TCGA<u>TCTAGA</u>CAATAACCGACTGTAAT-3'	
5'OatBPstI	5'-GTC<u>CTGCAG</u>CCAAAAAAATTAGGGGGACGGTAAGTTAG-3'	pGIEB019
3'TMLoatBXbaI	5'-TCGA<u>TCTAGA</u>GCCCGCAATCACTGGTTC-3'	
5'minC_NcoI	5'-ATG<u>CCATGG</u>AACAGAGTGTAGTTTTAAAG-3'	pGIEB020
3'minC_XbaI	5'-TCGA<u>TCTAGA</u>AACACGTCCTCCATTTCG-3'	
5'minD_NcoI	5'-ATG<u>CCATGG</u>GAAAAGCAATTGTCATCAC-3'	pGIEB021
3'minD_XbaI	5'-TCGA<u>TCTAGA</u>CTTGCCACGATGAAAAATTC-3'	
Primers used for the validation of the constructed vectors		
pNisA1	5'-TACTGACAATAGAAACATTAAC-3'	pNZ8048 and derivatives
pNisA2	5'-TATCAATCAAAGCAACAC-3'	

[a] Restriction sites introduced in the primers are underlined