

The schematic representation of the genetic construct shows a linear arrangement of genetic elements. From left to right, the elements are: a promoter pSrpR, a promoter pQacR, a gene Rtbj53, a small open circle P3, a promoter PHIF, a gene ECK120033737, a promoter pBAD, a gene Rtbj10, a small open circle S4, a gene SrpR, a gene ECK120029600, a promoter pTac, a gene Rtbj60, a small open circle Q2, a gene QacR, a gene ECK120010818, a promoter pPHIF, and a YFP_cassette. The construct is flanked by Loc1 and Loc3. Arrows indicate the direction of transcription for various genes and promoters.

Genetic map of the YFP_cassette construct. The map shows three loci: Loc1, Loc2, and Loc3. Loc2 contains several genes: pSnpR, pQacR, RbgJ53, P3, PHIF, ECK12003737, pBAD, RbgJ10, S4, SrpR, ECK120029600, pTac, RbgJ60, Q2, QacR, and ECK120010918. Loc3 contains the YFP_cassette. Arrows indicate the direction of transcription. A green arrow points from the PHIF gene to the YFP_cassette. An orange arrow points from the QacR gene to the YFP_cassette.