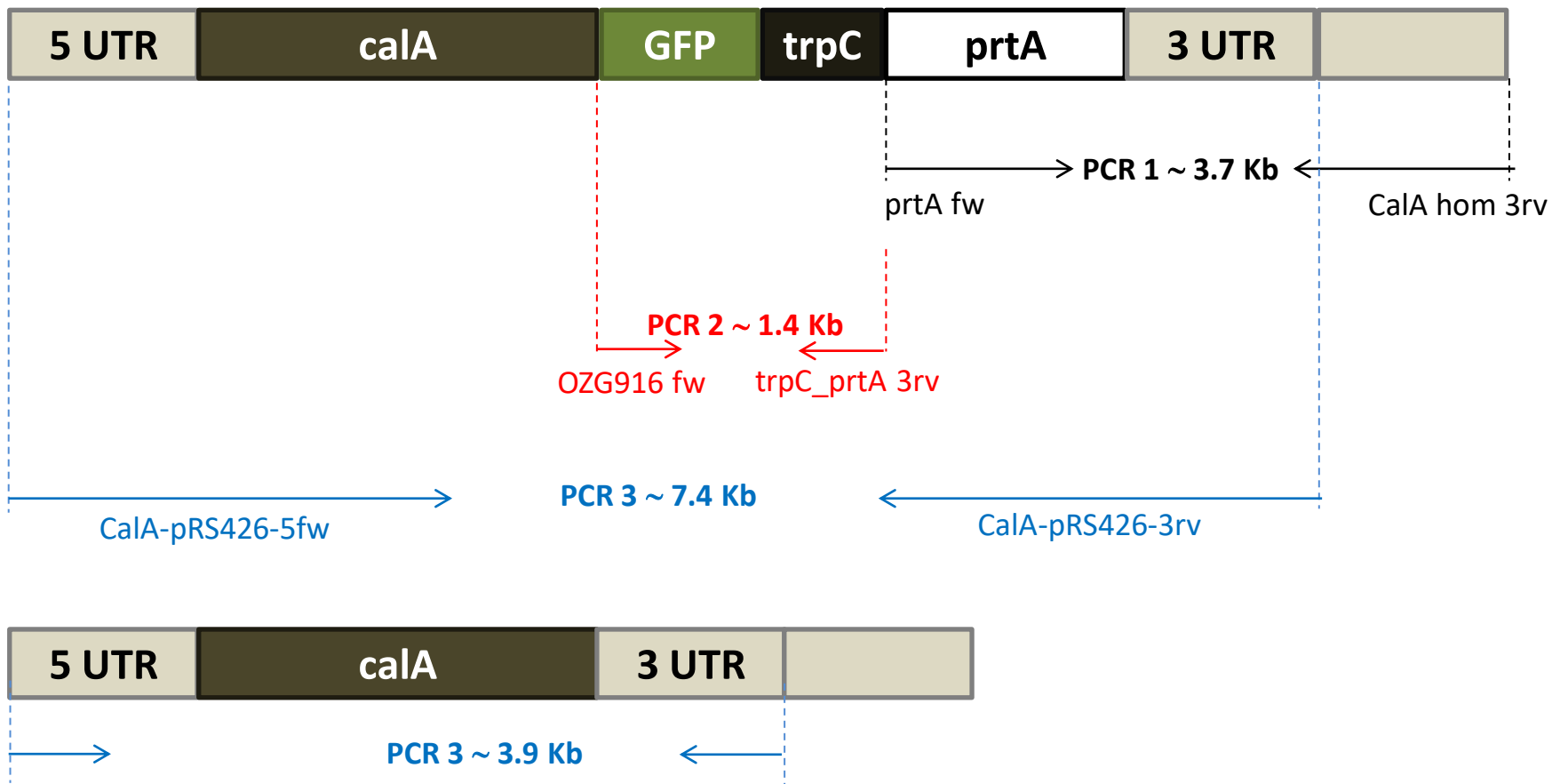


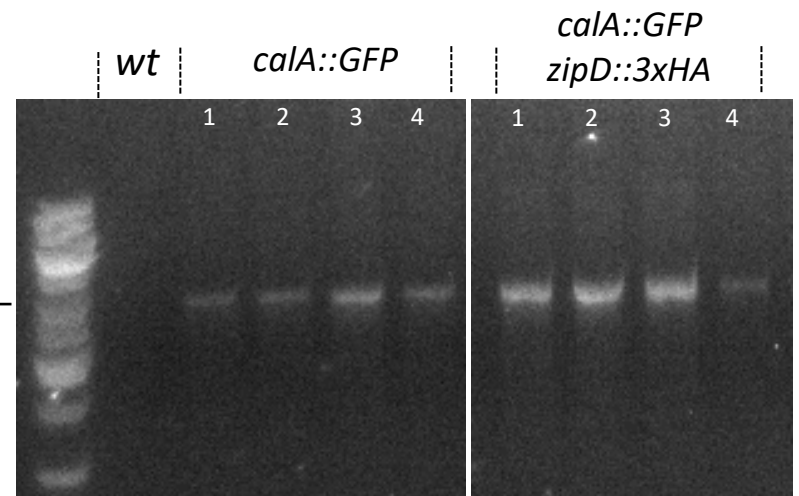
A.

Cassette (7,375pb) that
was transformed into the
zipD::3xHA strain

**PCR 1**

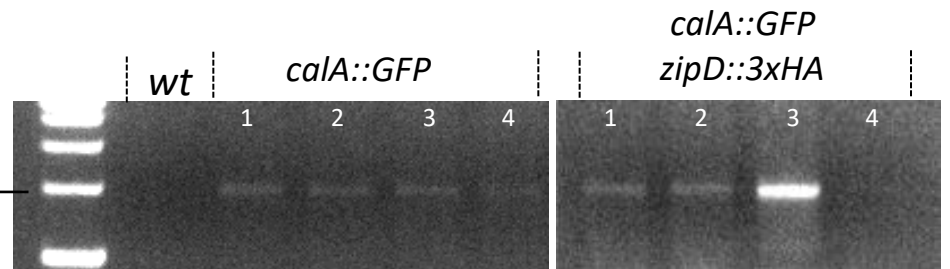
Primer forward: prtA fw
Primer reverse: CalA hom 3rv

~ 3.7kb ←

**PCR 2**

Primer forward: OZG916 fw
Primer reverse: trpC-prtA 3rv

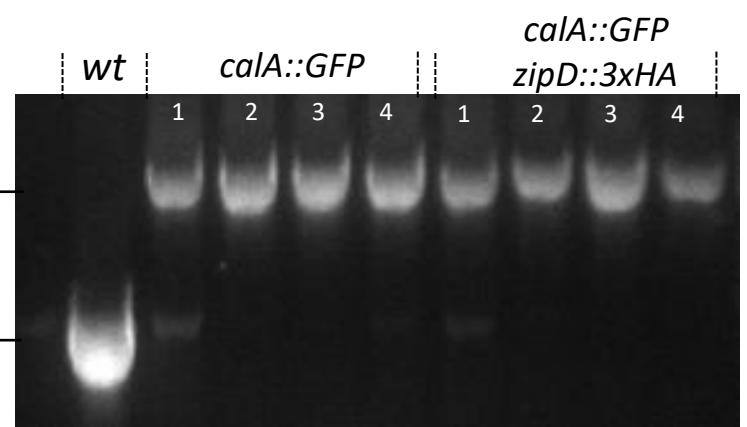
~ 1.4kb ←

**PCR 3**

Primer forward: CalA-pRS426-5fw
Primer reverse: CalA-pRS426-3rv

~ 7.4kb ←

~ 3.9kb ←



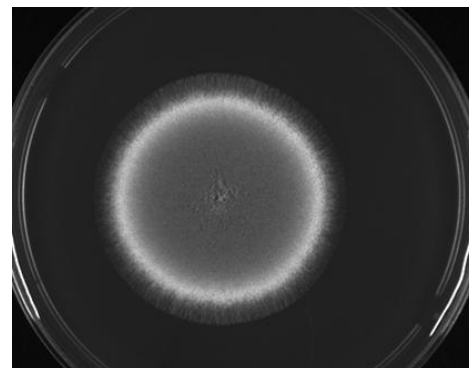
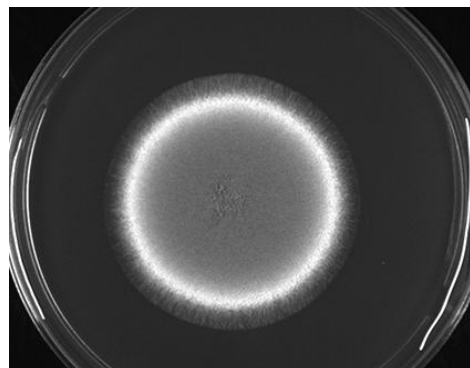
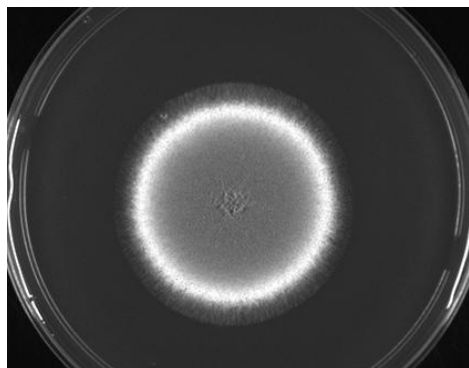
B.

wild type

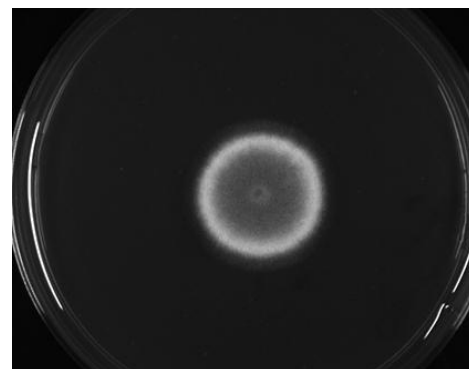
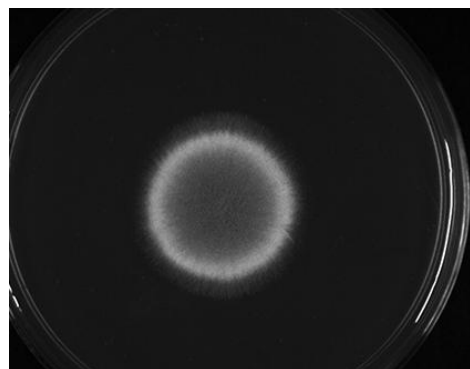
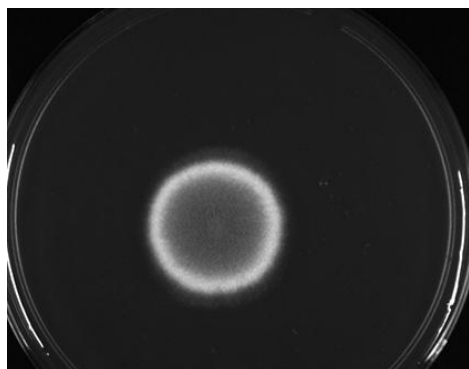
calA::GFP

calA::GFP
zipD::3xHA

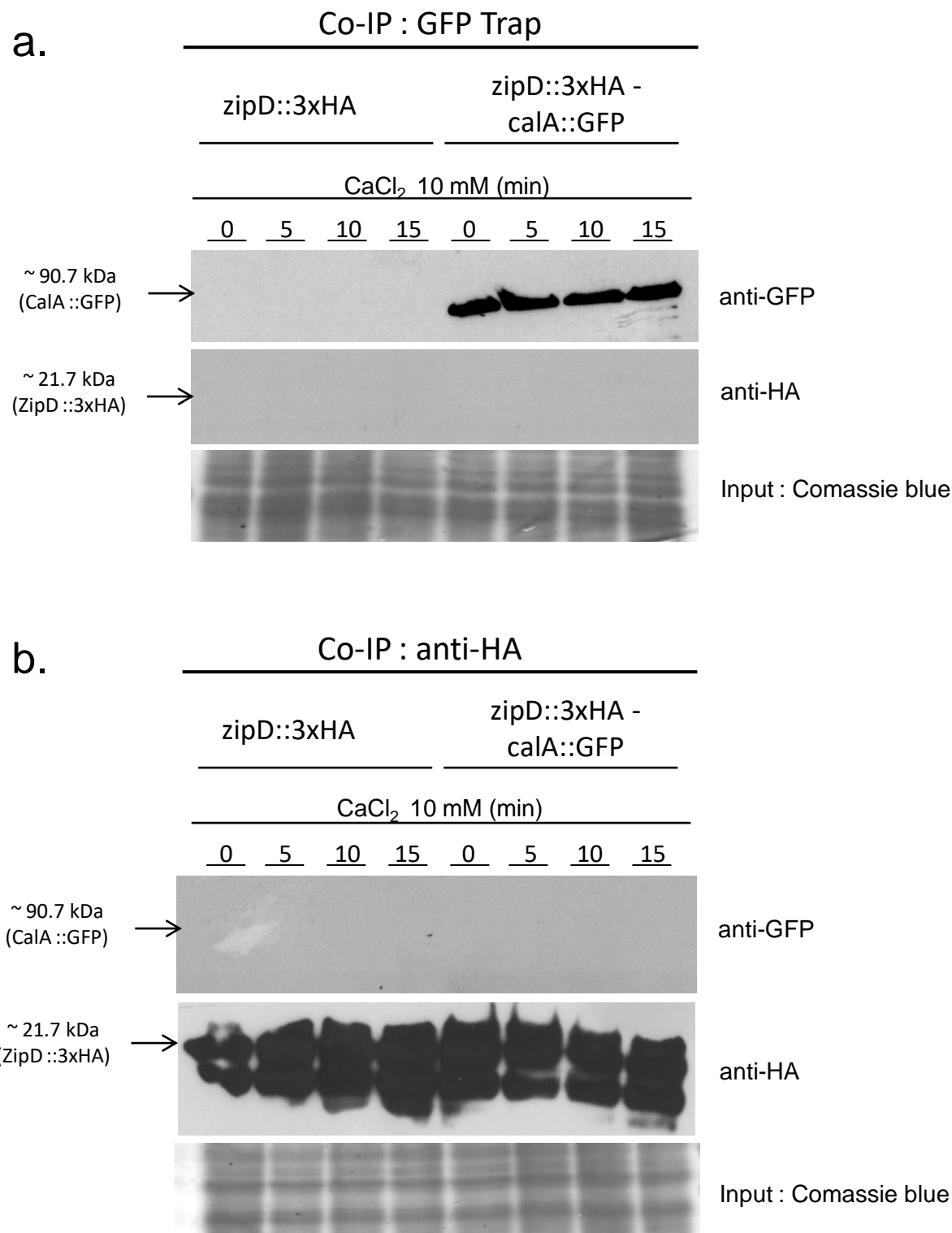
Control-YAG



CaCl₂ 200mM



C.



Supplementary Figure S4 – Co-Immunoprecipitation of CalA::GFP and ZipD::3xHA. (A) PCR scheme to verify the homologous integration of CalA::GFP and CalA::GFP ZipD::3xHA. (B) Phenotypic analysis of wild type, CalA::GFP (candidate 2 in the PCR) and CalA::GFP ZipD::3xHA (candidate 2 in the PCR) strains which were grown in YAG plates, with or without CaCl₂ for 3 days at 37°C. (C) Verification of interaction between CalA and ZipD by Co-IP. Affinity purification assays from GFP-tagged CalA strain in the background of 3xHA-tagged ZipD were performed with (a) GFP-Trap and (b) anti-HA beads to verify interactions. The coimmunoprecipitated proteins were analysed by the indicated antibodies.