

S1

Strain
$\Delta bcnoxA$
$\Delta bcnoxA-C$
$\Delta bcnoxA::bcnoxA_w/o\ SP$
B05.10 + roGFP2_NoxA
B05.10 + NoxA_roGFP2
$\Delta bcnoxA:C1$
$\Delta bcnoxA:C2$
$\Delta bcnoxA:C3$
$\Delta bcnoxB$
$\Delta bcnoxB:C1$
$\Delta bcnoxB:C2$
$\Delta bcnoxB:C3$
$\Delta bcnoxB::bcnoxB_HDEL$
$\Delta bcnoxD$
$\Delta bcnoxD::bcnoxD_HDEL$

Genotype
B05.10 $\Delta bcnoxA::nat1$
B05.10 $\Delta bcnoxA (nat)_{bcnoxA_gfp} (hph)$
$\Delta bcnoxA (nat)::bcnoxA_w/o\ SP (hyg) in bcniiA$
B05.10, <i>roGFP2:bcnoxA</i> in <i>bcniaD</i>
B05.10, <i>bcnoxA:roGFP2</i> in <i>bcniiA</i>
$\Delta bcnoxA (nat1)_{PnoxB_bcnoxB_1-129_bcnoxA} in bcniiA$
$\Delta bcnoxA (nat1)_{PnoxB_bcnoxA} in bcniiA$
$\Delta bcnoxA (nat1)_{PnoxA_bcnoxB} in bcniiA$
B05.10 $\Delta bcnoxB::hph$
$\Delta bcnoxB (hph)_{PnoxB_bcnoxB_1-129_bcnoxA} in bcniiA$
$\Delta bcnoxB (hph)_{PnoxB_bcnoxA} in bcniiA$
$\Delta bcnoxB (hph)_{PnoxA_bcnoxB} in bcniiA$
$\Delta bcnoxB (hph)_{bcnoxB_HDEL} (nat) in bcniaD$
B05.10 $\Delta bcnoxD::hph$
$\Delta bcnoxD (hph)_{bcNoxD_HDEL} (nat) in bcniaD$

Description
Deletion of <i>bcnoxA</i>
Complementation of $\Delta bcnoxA$ with <i>bcnoxA_gfp</i>
Complementation of $\Delta bcnoxA$ with <i>bcnoxA</i> without the putative signalpeptide (AA 1-41)
Wild type with integration of <i>bcnoxA</i> fused to <i>roGFP2</i> at the 5'end; integration in <i>bcniaD</i> locus
Wild type with integration of <i>bcnoxA</i> fused to <i>roGFP2</i> at the 3'end; integration in <i>bcniiA</i> locus
Complementation of <i>bcnoxA</i> with <i>bcnoxA</i> fused to the first 129 aa of <i>bcnoxB</i> under the control of the <i>bcnoxB</i>
Complementation of <i>bcnoxA</i> with <i>bcnoxA</i> under the control of the <i>bcnoxB</i> promotor
Complementation of <i>bcnoxA</i> with <i>bcnoxB</i> under the control of the <i>bcnoxA</i> promotor
Deletion of <i>bcnoxB</i>
Complementation of <i>bcnoxB</i> with <i>bcnoxA</i> fused to the first 129 aa of <i>bcnoxB</i> under the control of the <i>bcnoxB</i>
Complementation of <i>bcnoxB</i> with <i>bcnoxA</i> under the control of the <i>bcnoxB</i> promotor
Complementation of <i>bcnoxB</i> with <i>bcnoxB</i> under the control of the <i>bcnoxA</i> promotor
Complementation of <i>bcnoxB</i> with <i>bcnoxB</i> fused to the HDEL motif for ER retention
Deletion of <i>bcnoxD</i>
Complementation of <i>bcnoxD</i> with <i>bcnoxD</i> fused to the HDEL motif for ER retention

Reference
Segmüller et al., 2008
Siegmund et al. 2013
This study
This study
This study
This study
This study
This study
Segmüller et al., 2008
This study
This study
This study
This study
Siegmund et al., 2015
This study