

SupplementaryTable 2. Oligonucleotides used in this work

Oligo name	Sequence	Description
PHO89-C-pFA6-dir	ATGGTATCATTGGAATGCTCCTCGCTTTGGTGTGGAATACCAATGACACGGATCCCCGGGTTAATTA	Construction of strain with chromosomally GFP/3xHA-tagged <i>PHO89</i> locus
PHO89-C-pFA6-rev	AGTTCTACCTAATGTTGTAATACTGTATTACATAACCGAAACACATTATGAGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally GFP/3xHA-tagged <i>PHO89</i> locus
pho89_5'_CDRE2_m	GATGTCACAGTAACTTTGGATCCTTCTATT	Mutagenesis of CDRE2 (-274/-267)
pho89_3'_CDRE2_m	ATCCAAAGTTACTGTGACATCTAGTATTGGAC	Mutagenesis of CDRE2 (-274/-267)
PHO89_5_CDRE1	GGGTGTGTATGTGCGATAGACCTTTTT	Mutagenesis of CDRE1 (-513/-507)
PHO89_3_CDRE1	ATCGCACATACACACACCCTTGTGGTGAAGC	Mutagenesis of CDRE1 (-513/-507)
RT_PHO89_up1	TCTGGAAGGGTTCTCCAAAC	<i>PHO89</i> RT-PCR
RT_PHO89_do1	GAAGCAATTGCACCTGTGAG	<i>PHO89</i> RT-PCR
RT_ACT1_up2	TGCTGTCTTCCCATCTATCG	<i>ACT1</i> RT-PCR
RT_ACT1_do2	ATTGAGCTTCATCACCAAC	<i>ACT1</i> RT-PCR
MIG1-C-pFA6-dir	AAACATTACCACCATAAGAAGTTTACCCTTCCCTTCCACACATGGACCGGATCCCCGGGTTAATTA	Construction of strain with chromosomal GFP or 3xHA-tagged <i>MIG1</i> locus
MIG1-C-pFA6-rev	TTGTCTATTGCTTTTGTATTTATCTGCACCGCCAAAACCTTGTGAGCGTAGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomal GFP or 3xHA-tagged <i>MIG1</i> locus
MIG2-C-pFA6-dir	TACGTAACCTACTGAAACAAATTGATGTTTTCAACGGTCCCAAAAGAGTTCGGATCCCCGGGTTAATTA	Construction of strain with chromosomally GFP or 3xHA-tagged <i>MIG2</i> locus
MIG2-C-pFA6-rev	ATGACAGTTCTAGAGGAAAAATGGTGAGATAAAAAGGGGCCGTAAGGGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally GFP or 3xHA-tagged <i>MIG2</i> locus
CRZ1-C-pFA6-dir	TCACTCCCTTGTACGAAGAAGCCAGACAGGAGAAATCGGGACAAGAGAGTCCGATCCCCGGGTTAATTA	Construction of strain with chromosomally GFP or 3xHA-tagged <i>CRZ1</i> locus
CRZ1-C-pFA6-rev	TTATATAGAAAAAAATTCCTATTCAAAGCTTAAAAAACAAAAAAGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally GFP or 3xHA-tagged <i>CRZ1</i> locus
NRG1-C-pFA6-dir	GACATGATAATTGCTTGAACACTATAGAACACATTTGAAAAAGGGACAACGGATCCCCGGGTTAATTA	Construction of strain with chromosomally GFP or 3xHA-tagged <i>NRG1</i> locus
NRG1-C-pFA6-rev	AGTGCGGAATAGTAGTACTGCTAATGAGAAAAACACGGGTATACCGTCAAGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally GFP or 3xHA-tagged <i>NRG1</i> locus
NRG2_pFA6_dir	CTCATGCAACAAGAAGAAAAAAGAACTGGAAGAGGAGGGAGGCTAGCAGTCGGATCCCCGGGTTAATTA	Construction of strain with chromosomally GFP or 3xHA-tagged <i>NRG2</i> locus
NRG2_pFA6_rev	ATTTGTACGTTATTTGAATATTTAAATGTTTTGGCTGAGCTCACTCACAGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally GFP or 3xHA-tagged <i>NRG2</i> locus
18Right	CAGCACGTGGGAGACAATA	PCR for <i>PHO89</i> CDRE2 region
23Left	AGATGTCCACCCAGTAGACA	PCR for <i>PHO89</i> CDRE2 region
5'_CRZ1_disr	TAGCAGTTGAGCTCCAGC	amplification of <i>crz1::kanMX4</i> cassette from disruption library
3'_CRZ1_disr	GCTCTAGAACAGTGGCTCGTACC	amplification of <i>crz1::kanMX4</i> cassette from disruption library
5'-reg1_disr	GGAGAACAAGAAGCCATAAAAG	amplification of <i>reg1::kanMX4</i> cassette from disruption library
3'-reg1_disr	CGAGTTGTGCTTAAACAAGCC	amplification of <i>reg1::kanMX4</i> cassette from disruption library
PHO84_prom_5'	GCGAATTCAGTATTACGCACGTTGG	Cloning of <i>PHO84</i> promoter and ORF in pMM15 for HA-tagged expression
Clon_PHO84_3'	CGGGATCCTGCTTCATGTTGAAGTTGAG	Cloning of <i>PHO84</i> promoter and ORF in pMM15 for HA-tagged expression
Pho89_prom_5'	CGGAATTCCTTACATCCGTTTAAATTC	Cloning of <i>PHO89</i> promoter and ORF in pMM17 for HA-tagged expression
Pho89_3'_SacI	CCGAGCTCTGTCATTTGGTATCCACACC	Cloning of <i>PHO89</i> promoter and ORF in pMM17 for HA-tagged expression
PHO89_PROM_5_1	CGGAATTCATTATTTGTTAGTGGG	amplification of <i>pho89::kanMX4</i> cassette from disruption library
pho89_3'_KanMX_2	ATACACATAGCCATGCCAGG	amplification of <i>pho89::kanMX4</i> cassette from disruption library
pho89_orf_5'	GGCTTTACATCAATTTGAC	amplification of <i>pho89::TRP1</i> cassette from strain PAM1
pho89_orf_3'	TGTCATTTGGTATCCACAC	amplification of <i>pho89::TRP1</i> cassette from strain PAM1
ENA1-c-pFA6-dir	TACTACAATCCATACAGAAATTAATATTGGTATTAACAACGGATCCCCGGGTTAATTA	Construction of strain with chromosomally 3xHA-tagged <i>ENA1</i> locus
ENA1-c-pFA6-rev	TGAATAAGGAAAAAGATAGGGAGCACTTAATAGGCCCTGCGAATTCGAGCTCGTTAAAC	Construction of strain with chromosomally 3xHA-tagged <i>ENA1</i> locus
ENA1-pFA6-comp-Cter	AACTTTACAAGTGTGAAAGAG	Verification of non-specific ENA cluster integration 3x-HA tagging
ENA1-pFA6-comp-Nter	ATAATCTCGTTTGCCATGC	Verification of specific ENA1 integration 3x-HA tagging
pFA6a_3HA_rev	GAACATCGTATGGGTAAGAT	Verification of non-specific and specific ENA cluster integration 3x-HA tagging