

Supplemental Table 1

Strain name	Background	Relevant Genotype	Strain description
DLY23540	EXF-150		WT <i>A. pullulans</i>
DLY24148	EXF-150	<i>ura3Δ::HYG^R</i>	<i>A. pullulans</i> uracil auxotroph with a hygromycin resistance cassette replacing <i>URA3</i>
DLY25289	EXF-150	<i>CIT1-GFP : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with GFP using Nat selection
DLY25290	EXF-150	<i>CIT1-GFP : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with GFP using Nat selection
DLY25291	EXF-150	<i>CIT1-GFP : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with GFP using Nat selection
DLY25292	EXF-150	<i>CIT1-mCherry : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mCherry using Nat selection
DLY25293	EXF-150	<i>CIT1-mCherry : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mCherry using Nat selection
DLY25294	EXF-150	<i>CIT1-mCherry : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mCherry using Nat selection
DLY25295	EXF-150	<i>CIT1-sfGFP : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with sfGFP using Nat selection
DLY25297	EXF-150	<i>CIT1-sfGFP : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with sfGFP using Nat selection
DLY25298	EXF-150	<i>CIT1-mStayGold : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mStayGold using Nat selection
DLY25299	EXF-150	<i>CIT1-mStayGold : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mStayGold using Nat selection
DLY25300	EXF-150	<i>CIT1-mStayGold : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mStayGold using Nat selection
DLY25301	EXF-150	<i>CIT1-Dendra2 : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with Dendra2 using Nat selection
DLY25302	EXF-150	<i>CIT1-Dendra2 : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with Dendra2 using Nat selection
DLY25303	EXF-150	<i>CIT1-Dendra2 : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with Dendra2 using Nat selection
DLY25343	EXF-150	<i>CIT1-mNeon : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mNeon using Nat selection
DLY25344	EXF-150	<i>CIT1-mNeon : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mNeon using Nat selection
DLY25345	EXF-150	<i>CIT1-mNeon : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mNeon using Nat selection
DLY25346	EXF-150	<i>CIT1-mScarlet : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mScarlet using Nat selection
DLY25347	EXF-150	<i>CIT1-mScarlet : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mScarlet using Nat selection
DLY25348	EXF-150	<i>CIT1-mScarlet : NAT^R</i>	<i>A. pullulans</i> expressing <i>CIT1</i> C-terminally tagged with mScarlet using Nat selection
DLY25619	EXF-150	<i>URA3 : SpH2Bp-3xmCherry : ScACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2B promoter and cytoplasmic 3xGFP under ScACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA</i>
DLY25620	EXF-150	<i>URA3 : SpH2Bp-3xmCherry : ScACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2B promoter and cytoplasmic 3xGFP under ScACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA</i>
DLY25621	EXF-150	<i>URA3 : SpH2Bp-3xmCherry : ScACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2B promoter and cytoplasmic 3xGFP under ScACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA</i>
DLY25625	EXF-150	<i>URA3 : SpH2Bp-3xGFP : SpH2Ap-3xmCherry</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2A promoter and cytoplasmic 3xGFP under SpH2B promoter integrated at the <i>URA3</i> locus next to <i>URA</i> :
DLY25626	EXF-150	<i>URA3 : SpH2Bp-3xGFP : SpH2Ap-3xmCherry</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2A promoter and cytoplasmic 3xGFP under SpH2B promoter integrated at the <i>URA3</i> locus next to <i>URA</i> :
DLY25627	EXF-150	<i>URA3 : SpH2Bp-3xGFP : SpH2Ap-3xmCherry</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under strong SpH2A promoter and cytoplasmic 3xGFP under SpH2B promoter integrated at the <i>URA3</i> locus next to <i>URA</i> :
DLY25628	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY25629	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY25630	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApACT1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApACT1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY25631	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApTUB1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApTUB1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY25632	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApTUB1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApTUB1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY25633	EXF-150	<i>URA3 : ScACT1p-3xmCherry : ApTUB1p-3xGFP</i>	<i>A. pullulans</i> expressing cytoplasmic 3xmCherry under ScACT1 promoter and cytoplasmic 3xGFP under ApTUB1 promoter integrated at the <i>URA3</i> locus next to <i>URA3</i>
DLY24594	EXF-150	<i>leu2Δ::NAT^R</i>	<i>A. pullulans</i> uracil auxotroph with a nourseothricin resistance cassette replacing <i>LEU2</i>
DLY24595	EXF-150	<i>leu2Δ::NAT^R</i>	<i>A. pullulans</i> uracil auxotroph with a nourseothricin resistance cassette replacing <i>LEU2</i>
DLY24596	EXF-150	<i>leu2Δ::NAT^R</i>	<i>A. pullulans</i> uracil auxotroph with a nourseothricin resistance cassette replacing <i>LEU2</i>
DLY25507	EXF-150	<i>leu2Δ::HYG^R</i>	<i>A. pullulans</i> uracil auxotroph with a hygromycin resistance cassette replacing <i>LEU2</i>
DLY25508	EXF-150	<i>leu2Δ::HYG^R</i>	<i>A. pullulans</i> uracil auxotroph with a hygromycin resistance cassette replacing <i>LEU2</i>
DLY25509	EXF-150	<i>leu2Δ::HYG^R</i>	<i>A. pullulans</i> uracil auxotroph with a hygromycin resistance cassette replacing <i>LEU2</i>
DLY25510	EXF-150	<i>leu2Δ::G418^R</i>	<i>A. pullulans</i> uracil auxotroph with a geneticin resistance cassette replacing <i>LEU2</i>
DLY25511	EXF-150	<i>leu2Δ::G418^R</i>	<i>A. pullulans</i> uracil auxotroph with a geneticin resistance cassette replacing <i>LEU2</i>
DLY25512	EXF-150	<i>leu2Δ::G418^R</i>	<i>A. pullulans</i> uracil auxotroph with a geneticin resistance cassette replacing <i>LEU2</i>