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| Oligonucleotide sequences | Description |
| AGTTTCGATAGTTTAAACTCCGACTATATCTGAGACGAACA…TATGAAATCTGGCGCGCCTGGTGGTTGGCAAATGAC | MET25 – on BY4741 |
| ATTTTATAATTATTTGCTGTACAAGTATATCAATAAACTTATATAGAATTCGAGCTCGTTTAAAC…AGTATATCATCTCATTTCCGTAAATACCAAATGTATTATATATTGCGGATCCCCGGGTTAATTAAG | Deletion cassette for ADE2 – on pFA6a-MET25plasmid |
| CACTGTTACCATCGATACTCGAGGATCCCGGGATTCATGGTACCCGCTGCTGAA…AACTGACCATGCGGCCGCGAATTCAGATCTGTCGACGCCGGCTTTTTTTTTTTTTTTTATTCGA | *CUP1* repeat for pBS *CUP1* and pRS316 *CUP1* – on BY4741 gDNA |
| TCGTATTAGTACTAGTTTATATTGAATTTTCAAAAATTCTTAC…ATTTTGGAAGTTAATTAATTCGCTGAACATTATAGTTTTTTCTCCTTGACGTT | PGAL1 – on BY4741 gDNA |
| CGGATCCCCGGGTTAATTAAG…TATGGTCTCTGCTAGCTCAGCACTGAGCAGCGTAATC | 3HA – on pFA6a-3HA-KanMX6 |
| GTGTTCAACTGCTAGCAACGAATAGTCTTTAATATATTCATCTAAC…AACTGACCATGCGGCCGCGAATTCAGATCTGTCGACGCCGGCTTTTTTTTTTTTTTTTATTCGA | *CUP1* 3’ – on BY4741 gDNA |
| TACGCTCAGTGGTACCGAGCTCTCAATGACCCTATTCAATAAGCA…GAACTCAGTCATCGATGAAGACTGACCTAGAAGCGAATG | *CUP1* flank – on BY4741 gDNA |
| CCATCGATTTACTAGTGCATATGTATTAATCCTAAAATGTATTAT…TTAACTAGGAGAGCTCTAGCGAGTCAGAAGCTGTCAAG | *CUP1* flank – on BY4741 gDNA |
| TAGTGCTAGTATCGATTGAATCGAATTCCACCATAGATCTGAATTAATTCTTGA…GGTCGATCCTACTAGTCACACCGCATAGATCTTATGTATG | *ADE2* for 3xPGAL1-3HA plasmid – on BY4741 |
| ATTTTACCTTTAAAAGACGTTCTCATAATACATTTTAGGATTAATACATAGAATTCGAGCTCGTTTAAAC…TTTTTGAAAAAAATGTATTACTCAAGACATTCGCTTCTAGGTCAGTCTTCCGGATCCCCGGGTTAATTAAG | Deletion cassette for *CUP1* repeats – on pFA6a-LEU2 plasmid |
| CAGTAGAGTTAAAAGGTCAATTCAACCGGTCTTCAATAAGACATGCGGATCCCCGGGTTAATTAAG…CGATGCTACATACGTGTACTAAATAATAAATATCAATATGTATCAGAATTCGAGCTCGTTTAAAC | Deletion cassette for *RTT109* - on pFA6a-TRP1 plasmid  |
| AATTCTAAGAAAGGCAAGGTTGA…GAACTCAGTCATCGATGAAGACTGACCTAGAAGCGAATG | *CUP1* flank probe (single copy target) – on BY4741 gDNA |
| AACTGACCATGCATGCTAGTTAGAAAAAGACATTTTTGCTGT…GGATCCTAATACGACTCACTATAGGGAGAGGATCATTTCCCAGAGCAGCATGA | *CUP1* specific probe (multi-copy target) – on BY4741 gDNA |
| TCGTATTAGTACTAGTTTATATTGAATTTTCAAAAATTCTTAC…GGATCCTAATACGACTCACTATAGGGAGAGGATCAGCACTGAGCAGCGTAATC | *PGAL1-3HA* specific probe (multi-copy target) – on pBS-PGAL1-3HA gDNA |
| ATGTTCAGCGAATTAATTAACTTCCA…GGATCCTAATACGACTCACTATAGGGAGAGGATCATTTCCCAGAGCAGCATGA | *CUP1* RNA probe – on BY4741 gDNA |
| GGATCCTAATACGACTCACTATAGGGAGAGGAGCGTATCCTTTTTACGAGATGAAA…CCGTATAAACCTATACACATATA | *CUP1* CUT RNA probe – on BY4741 gDNA |
| TGATAAATCCCCGTTAAGTCGTA… GCCAACCTGAGCAGTAGAGTAA | *rtt109::KanMX4* – on YJH237 gDNA |
| TGATTATTTTCAGGGGTGTCCGAGTCCACCTCTACAACATCCACC CGGATCCCCGGGTTAATTAAG… TTCCAGAAAATTTGAGTCATGCTTACTTAGTTTAATTAAGTACTC GAATTCGAGCTCGTTTAAAC | *SFA1* deletion – on pFA6a-NatMX6 |
| CACTGTTACCATCGATaCTCGAGtctagaCCCGGGTGCCCGGTTTGATACCTGTA… AACTGACCATgcggccgcGAATTCactaGTCGACGCCGGCTTTTTTTTTTTTTTTTCAAAAGTGACAAAGCTAACGT | *SFA1* cloning – on BY4741 gDNA |
| CGTATGATGCGAAGAAACCA…CCTGTGAGTGATAAATTCTTCGA | *SFA1* probe – on BY4741 gDNA |
| TACGCTCAGTCTCGAGGAGCTCTCAATGACCCTATTCAATAAGCA… AACTGACCATgcggccgcGAATTCAGATCTGTCGACGCCGGCTTTTTTTTTTTTTTTTATTCGA | *RSC30* right flank - on BY4741 gDNA |
| CGTATGATGCGAAGAAACCA…GGATCCTAATACGACTCACTATAGGGAGAGGA CGCCTTTTTGCACATTAGCT | *SFA1* ORF probe (southern) - on BY4741 gDNA |
| GGATCCTAATACGACTCACTATAGGGAGAGGA ATCCTTATCAAATGATACGCTCTT…ATAGGCCAACAAATTCTGACACT | *SFA1* upstream CUT probe - on BY4741 gDNA |
| tcgtattagt gctagc TTATATTGAATTTTCAAAAATTCTTAC…ATTTTGGAAG TTAATTAA TTCGCTGAACAT TATAGTTTTTTCTCCTTGACGTT | *PGAL1* for  *PGAL1-GFPSFA1* construct (1485-1110) - on BY4741 gDNA |
| aatcgcttca gctagc GATTTAAGGCGGTAAGAAGGA…AACTGACCATgcggccgcGAATTCactaGTCGACGCCGGCTTTTTTTTTTTTTT TTCAAAAGTGACAAAGCTAACGT | *SFA1* for  *PGAL1-GFPSFA1* construct (1460-1234) - on BY4741 gDNA |
| CGGATCCCCGGGTTAATTAA…aatcgcttca cccggg TGATCTATATTACCCTGTTATCCCTAG | *GFP* for  *PGAL1-GFPSFA1* construct ( pFA6a F1-1486) – on pFA6a-GFP-TRP1 |