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| Vector Name | Promotor | Gateway site | Function |
| ptdh3Exg2YC-Dest | ptdh3 | attR1+attR2 | Fusion non-membrane protein with C-terminal CubPLV as bait; synthesis of LEU in yeast. |
| ptdh3YC-Dest | ptdh3 | attR1+attR2 | Fusion membrane protein with C-terminal CubPLV as bait; synthesis of LEU in yeast. |
| pPrey-PartnerSUS-2in1-DEST | ptdh3 for Prey；met25 for partner | attR3+attR2 for Prey; attR1, attR4 for partner | 2in1 vector expressing prey and partner; fusion protein with N-terminal NubG as prey; synthesis of TRP in yeast. |
| pPrey-PartnerSUS-PC-DEST | ptdh3 | attR1, attR4 for partner | Positive control vector expressing NubI and partner protein. |

Please amplify all vectors using CCDB resistance competent cell. We suggest TransDB3.1 Chemically Competent Cell (TransGen Biotech Co. Ltd, China) or One Shot™ ccdB Survival™ 2 T1R Competent Cells Invitrogen™ (ThermoFisher, USA).